

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130816.D
 Acq On : 28 Oct 2022 09:10
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 10/31/2022

Quant Time: Oct 28 16:47:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	100441	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	371384	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	208450	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	394205	20.000	ng	0.00
76) Chrysene-d12	14.139	240	272953	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	198425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	457159	78.906	ng	0.00
7) Phenol-d6	6.569	99	598915	79.548	ng	0.00
23) Nitrobenzene-d5	7.522	82	577293	93.731	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	157575	89.800	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1063010	77.100	ng	0.00
79) Terphenyl-d14	13.086	244	1183279	79.439	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	106782	41.108	ng	90
3) Pyridine	3.551	79	308022	42.336	ng	98
4) n-Nitrosodimethylamine	3.522	42	175796	43.040	ng	96
6) Aniline	6.622	93	382357	41.070	ng	99
8) 2-Chlorophenol	6.739	128	261180	40.467	ng	100
9) Benzaldehyde	6.510	77	184349	38.256	ng	96
10) Phenol	6.587	94	328572	40.554	ng	94
11) bis(2-Chloroethyl)ether	6.692	93	258202	40.881	ng	100
12) 1,3-Dichlorobenzene	6.898	146	294411	40.256	ng	99
13) 1,4-Dichlorobenzene	6.975	146	299909	40.400	ng	99
14) 1,2-Dichlorobenzene	7.128	146	279925	40.715	ng	99
15) Benzyl Alcohol	7.092	79	258434	40.368	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	459595	40.824	ng	100
17) 2-Methylphenol	7.192	107	224354	40.670	ng	99
18) Hexachloroethane	7.469	117	110211	41.078	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	202491	39.529	ng	98
20) 3+4-Methylphenols	7.351	107	290643	40.522	ng	99
22) Acetophenone	7.369	105	370219	41.116	ng	100
24) Nitrobenzene	7.539	77	301079	44.705	ng	99
25) Isophorone	7.781	82	524617	41.306	ng	100
26) 2-Nitrophenol	7.857	139	110726	42.235	ng	98
27) 2,4-Dimethylphenol	7.881	122	217791	41.203	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	289586	40.826	ng	99
29) 2,4-Dichlorophenol	8.092	162	226602	41.673	ng	94
30) 1,2,4-Trichlorobenzene	8.181	180	239442	40.951	ng	96
31) Naphthalene	8.263	128	787860	40.661	ng	100
32) Benzoic acid	7.992	122	153663m	42.040	ng	
33) 4-Chloroaniline	8.310	127	316606	41.350	ng	98
34) Hexachlorobutadiene	8.375	225	160075	41.241	ng	96
35) Caprolactam	8.686	113	75225	43.171	ng	94
36) 4-Chloro-3-methylphenol	8.781	107	247233	41.917	ng	99
37) 2-Methylnaphthalene	8.957	142	494619	40.582	ng	98
38) 1-Methylnaphthalene	9.057	142	479840	40.454	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	240736	40.725	ng	99
41) Hexachlorocyclopentadiene	9.104	237	132006	42.501	ng	97
43) 2,4,6-Trichlorophenol	9.228	196	167091	40.679	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	189794	43.248	ng	99
46) 1,1'-Biphenyl	9.422	154	598479	40.299	ng	100
47) 2-Chloronaphthalene	9.445	162	479088	40.231	ng	99
48) 2-Nitroaniline	9.539	65	168148	44.265	ng	99
49) Acenaphthylene	9.869	152	769717	40.902	ng	99
50) Dimethylphthalate	9.722	163	588859	41.129	ng	100
51) 2,6-Dinitrotoluene	9.780	165	120409	44.459	ng	99
52) Acenaphthene	10.039	154	476916	40.985	ng	98
53) 3-Nitroaniline	9.957	138	135997	48.767	ng	# 85
54) 2,4-Dinitrophenol	10.051	184	44108	43.824	ng	96
55) Dibenzofuran	10.210	168	691113	40.975	ng	98
56) 4-Nitrophenol	10.092	139	106895	48.410	ng	99
57) 2,4-Dinitrotoluene	10.186	165	153875	45.230	ng	96
58) Fluorene	10.551	166	534343	40.233	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	152305	42.096	ng	99
60) Diethylphthalate	10.422	149	595788	42.312	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	255938	40.283	ng	99
62) 4-Nitroaniline	10.569	138	137304	48.623	ng	99
63) Azobenzene	10.704	77	606429	41.257	ng	98
65) 4,6-Dinitro-2-methylph...	10.592	198	67389	42.076	ng	98
66) n-Nitrosodiphenylamine	10.663	169	499575	40.629	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	166752	42.063	ng	98
68) Hexachlorobenzene	11.098	284	179274	41.044	ng	100
69) Atrazine	11.186	200	152041	42.817	ng	97
70) Pentachlorophenol	11.286	266	114305	45.861	ng	99
71) Phenanthrene	11.522	178	825692	40.582	ng	100
72) Anthracene	11.574	178	816350	40.679	ng	98
73) Carbazole	11.722	167	731659	40.712	ng	100
74) Di-n-butylphthalate	12.051	149	895794	41.042	ng	99
75) Fluoranthene	12.710	202	899689	41.618	ng	99
77) Benzidine	12.827	184	281091	42.423	ng	99
78) Pyrene	12.939	202	923493	40.102	ng	99
80) Butylbenzylphthalate	13.557	149	358377	43.256	ng	98
81) Benzo(a)anthracene	14.133	228	733066	40.508	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	204773	41.925	ng	98
83) Chrysene	14.168	228	706736	40.487	ng	99
84) Bis(2-ethylhexyl)phtha...	14.115	149	443947	44.566	ng	99
85) Di-n-octyl phthalate	14.739	149	615115	44.741	ng	100
87) Indeno(1,2,3-cd)pyrene	17.209	276	571806	43.394	ng	99
88) Benzo(b)fluoranthene	15.210	252	527663	41.138	ng	99
89) Benzo(k)fluoranthene	15.239	252	530865	42.473	ng	99
90) Benzo(a)pyrene	15.592	252	428403	41.547	ng	98
91) Dibenzo(a,h)anthracene	17.233	278	465147	43.302	ng	99
92) Benzo(g,h,i)perylene	17.686	276	480120	43.811	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

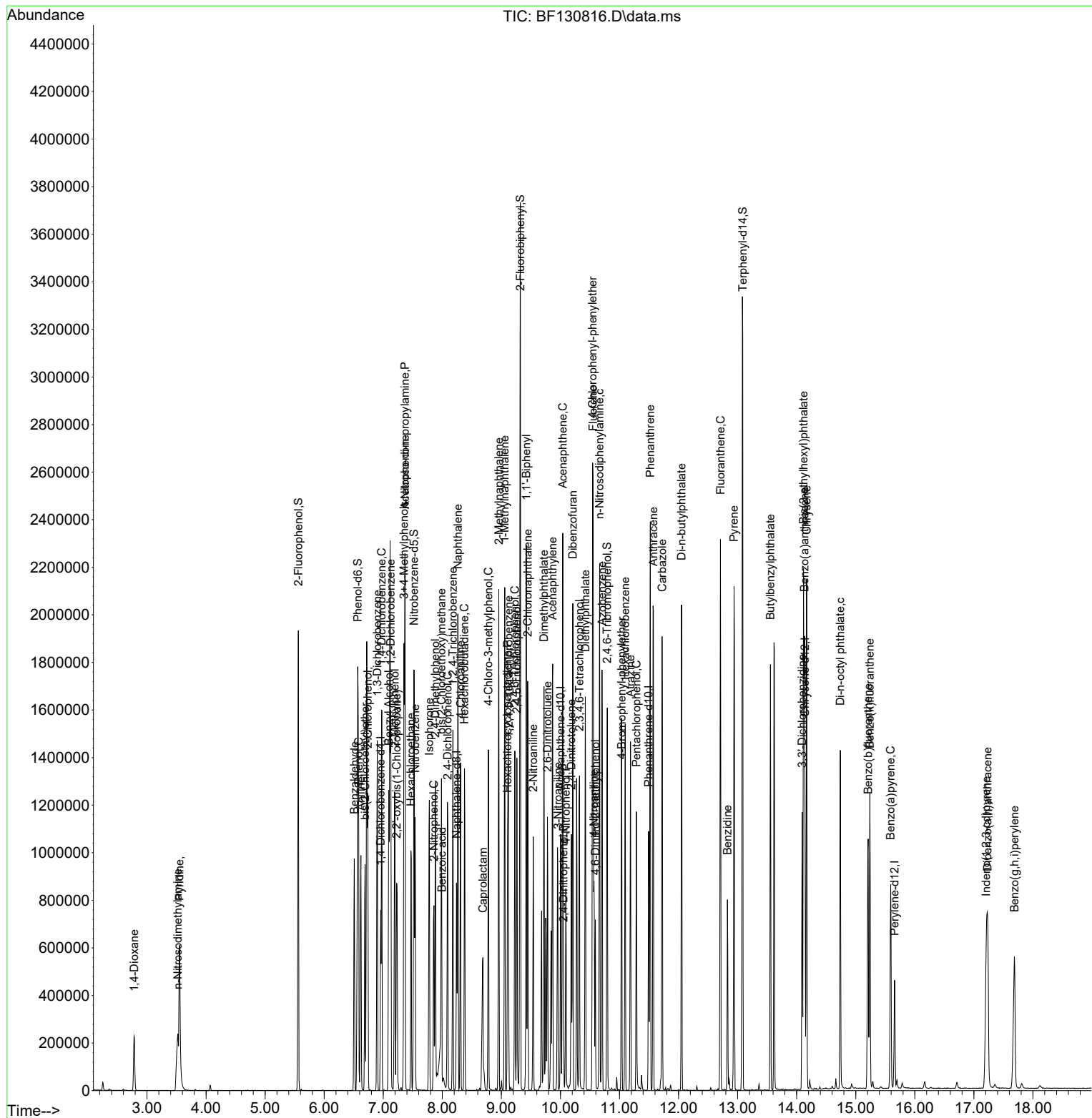
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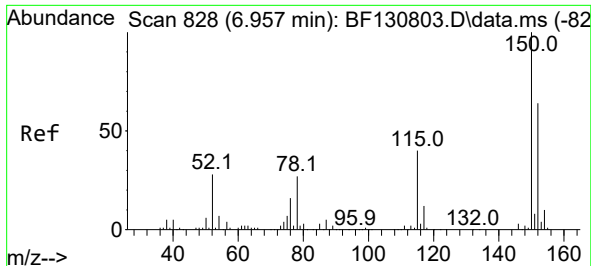
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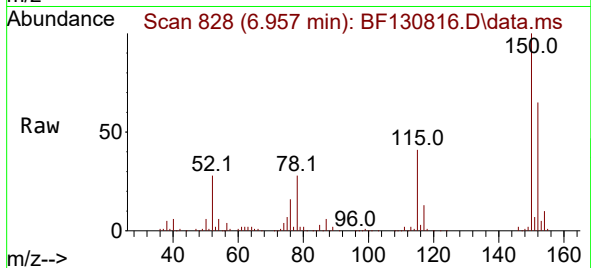
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

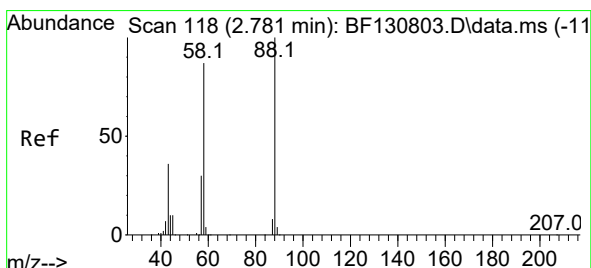
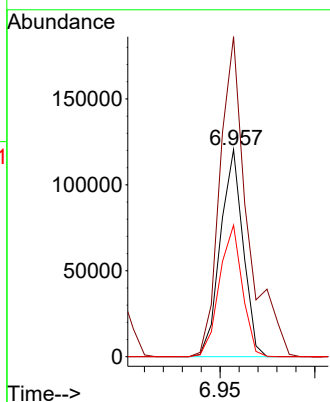
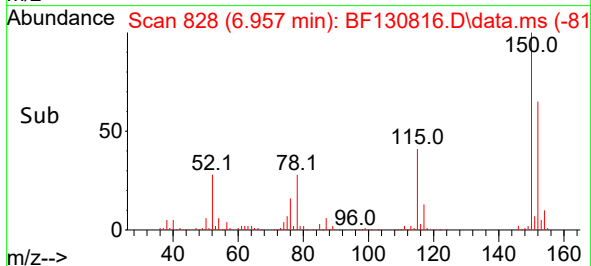
Instrument :
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ClientSampleId :
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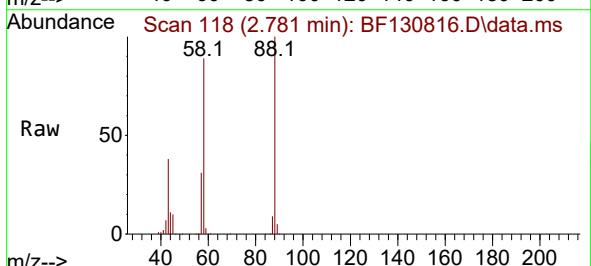
Tgt Ion:152 Resp: 10044
Ion Ratio Lower Upper
152 100
150 154.6 124.1 186.1
115 63.5 50.1 75.1

Manual Integrations
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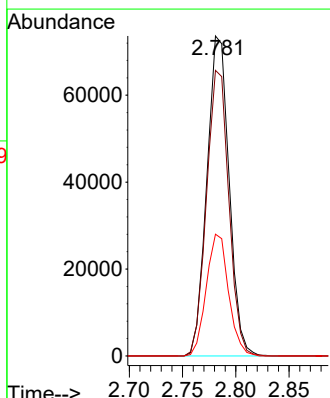
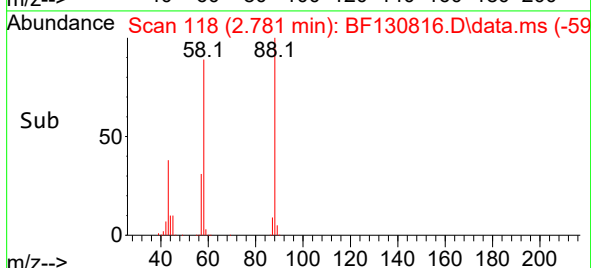
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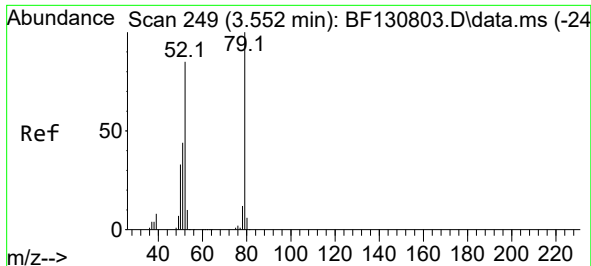


#2
1,4-Dioxane
Concen: 41.108 ng
RT: 2.781 min Scan# 118
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion: 88 Resp: 106782
Ion Ratio Lower Upper
88 100
58 89.6 64.7 97.1
43 38.1 26.5 39.7





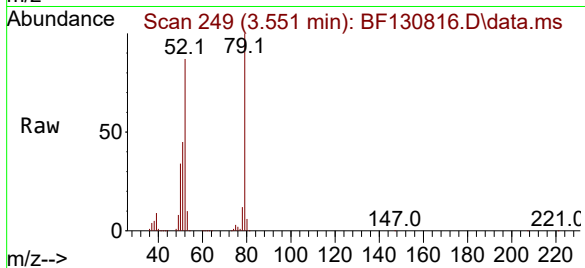
#3
Pyridine
Concen: 42.336 ng
RT: 3.551 min Scan# 249
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

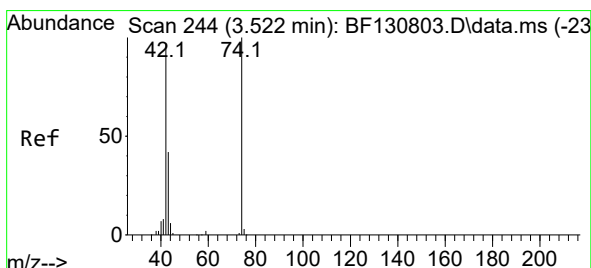
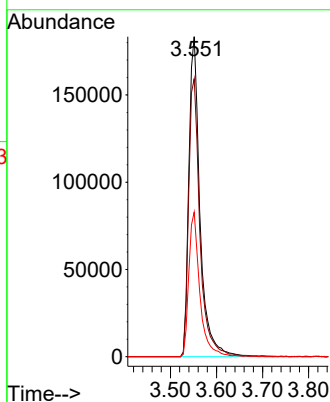
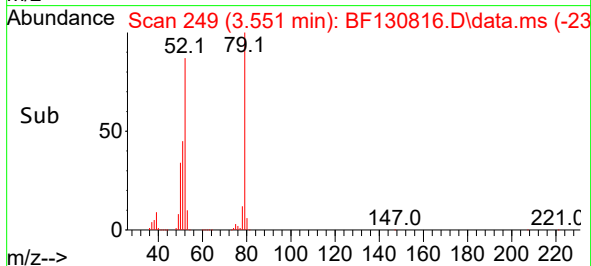


Tgt Ion: 79 Resp: 30802
Ion Ratio Lower Upper
79 100
52 86.8 68.2 102.4
51 45.2 35.2 52.8

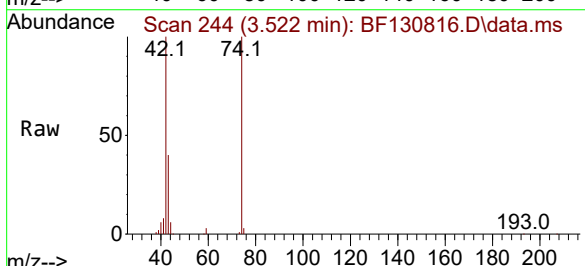
Manual Integrations

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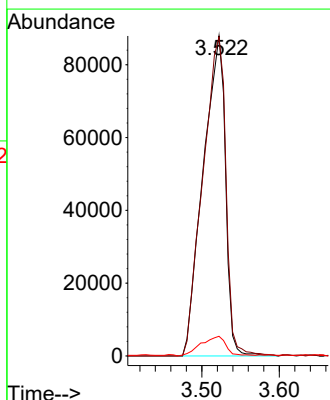
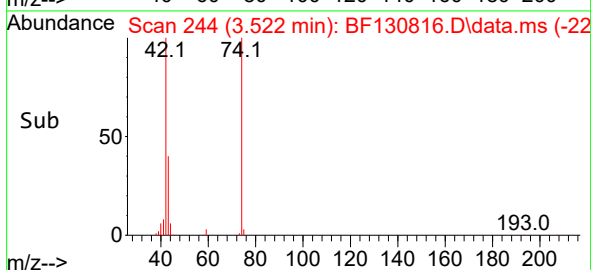
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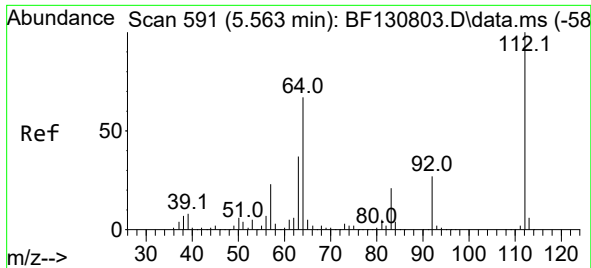


#4
n-Nitrosodimethylamine
Concen: 43.040 ng
RT: 3.522 min Scan# 244
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion: 42 Resp: 175796
Ion Ratio Lower Upper
42 100
74 99.7 82.8 124.2
44 6.2 6.0 9.0





#5
2-Fluorophenol
Concen: 78.906 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

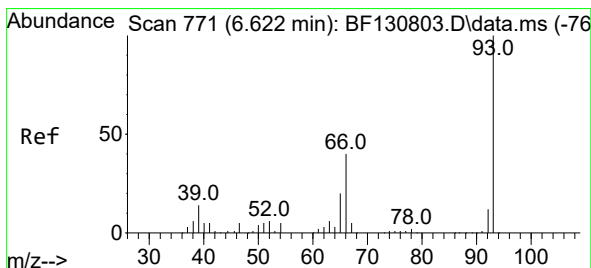
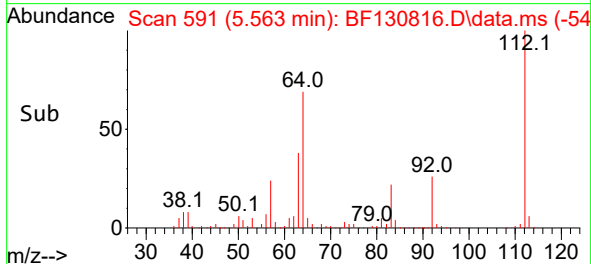
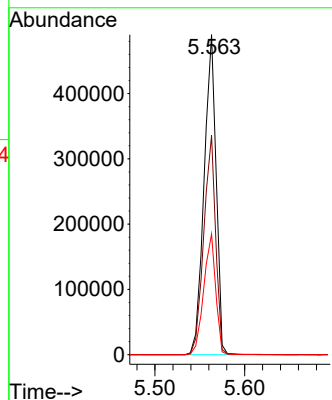
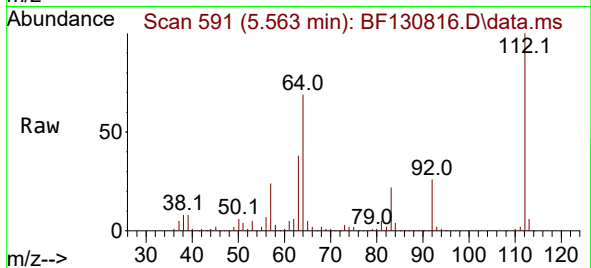
SSTDCCC040

Tgt Ion:112 Resp: 457159
Ion Ratio Lower Upper
112 100
64 68.5 53.9 80.9
63 37.7 29.4 44.2

Manual Integrations

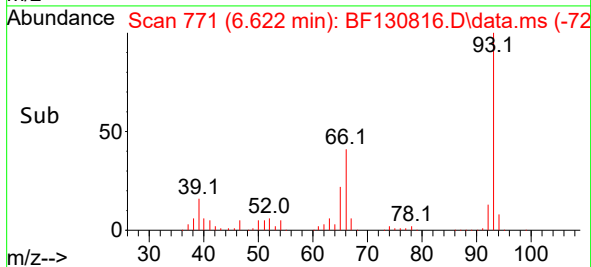
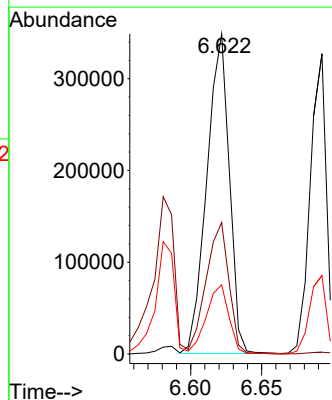
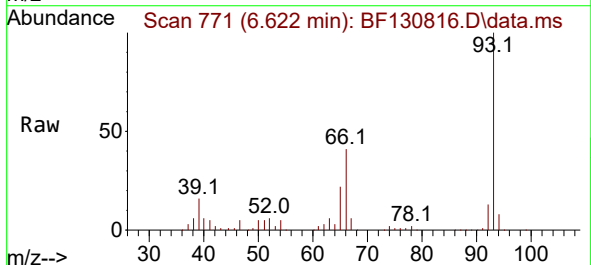
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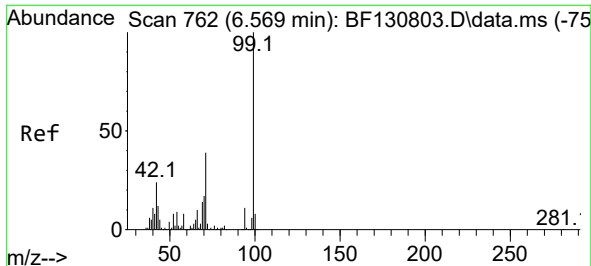
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#6
Aniline
Concen: 41.070 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

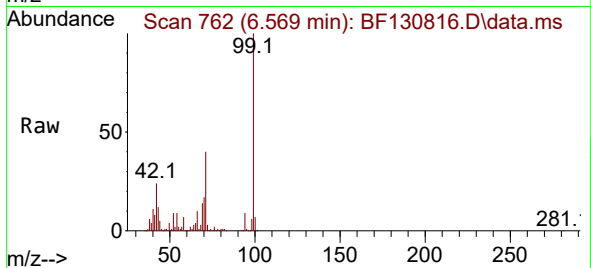
Tgt Ion: 93 Resp: 382357
Ion Ratio Lower Upper
93 100
66 41.1 33.8 50.8
65 21.6 17.2 25.8





#7
Phenol-d6
Concen: 79.548 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF130816.D
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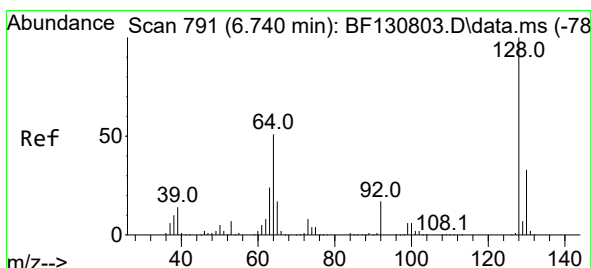
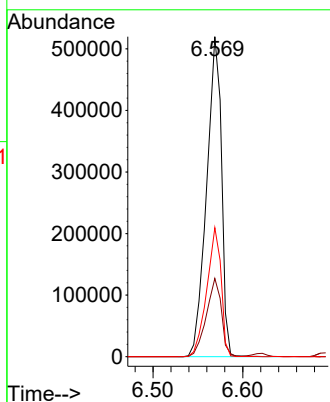
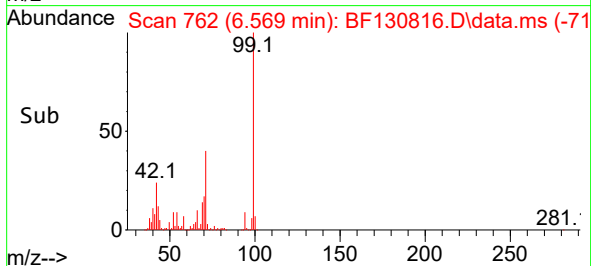
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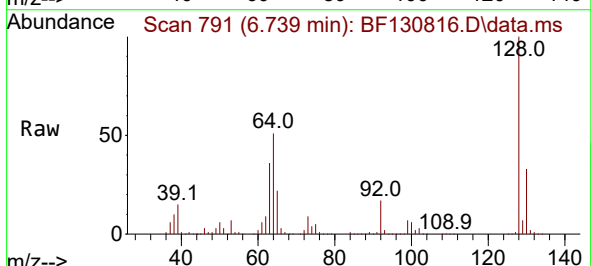
Tgt Ion: 99 Resp: 598915
Ion Ratio Lower Upper
99 100
42 24.4 18.8 28.2
71 40.3 31.4 47.0

Manual Integrations
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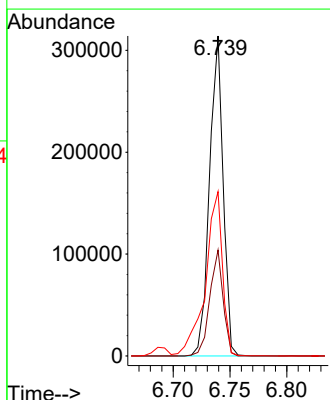
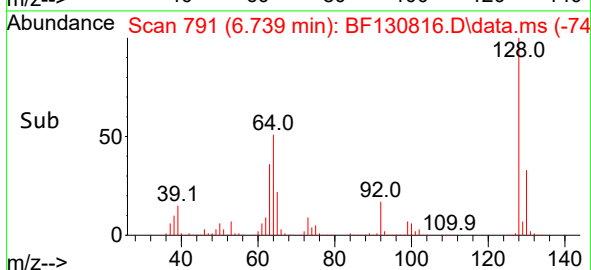
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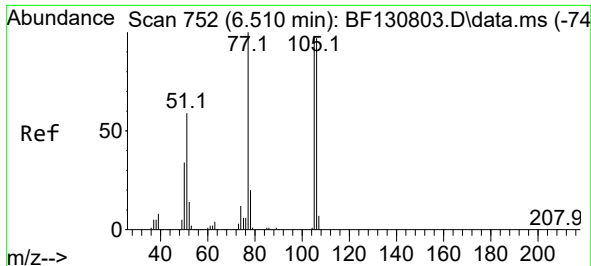


#8
2-Chlorophenol
Concen: 40.467 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.001 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



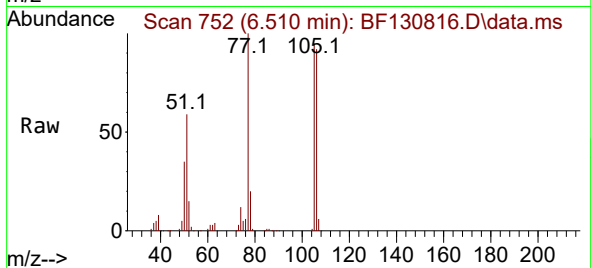
Tgt Ion:128 Resp: 261180
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 51.4 31.3 71.3





#9
Benzaldehyde
Concen: 38.256 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF130816.D
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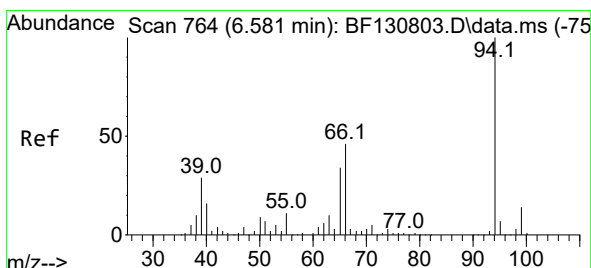
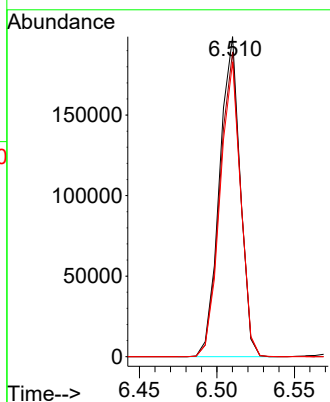
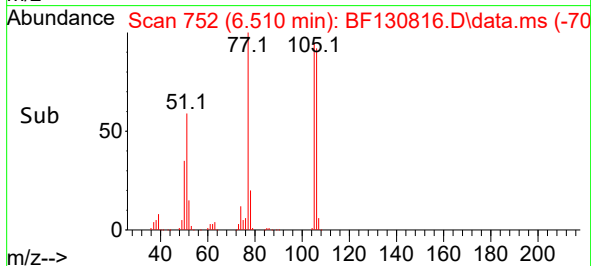
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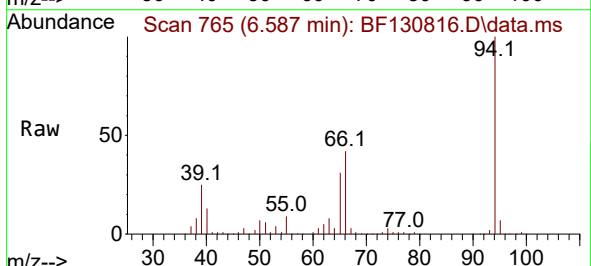
Tgt Ion: 77 Resp: 184349
Ion Ratio Lower Upper
77 100
105 95.2 78.2 118.2
106 92.1 76.6 116.6

Manual Integrations
APPROVED

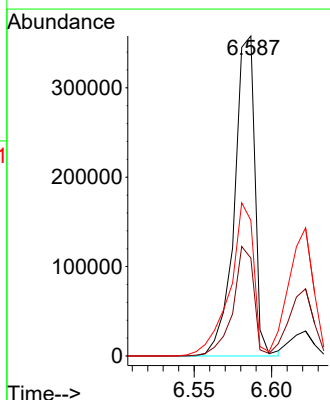
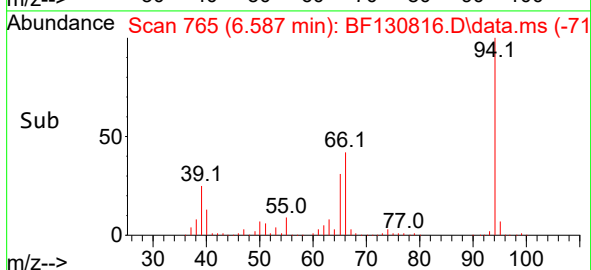
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

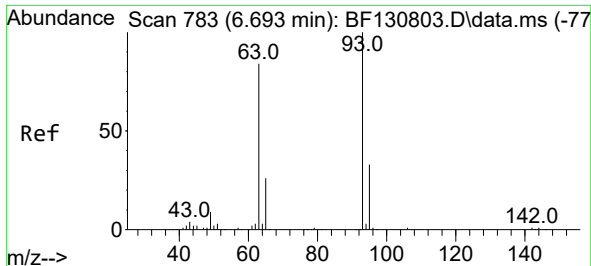


#10
Phenol
Concen: 40.554 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



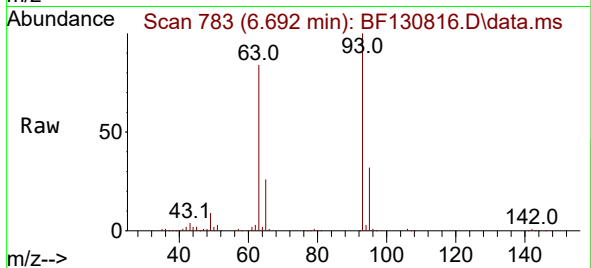
Tgt Ion: 94 Resp: 328572
Ion Ratio Lower Upper
94 100
65 30.6 13.7 53.7
66 42.4 26.5 66.5





#11
bis(2-Chloroethyl)ether
Concen: 40.881 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

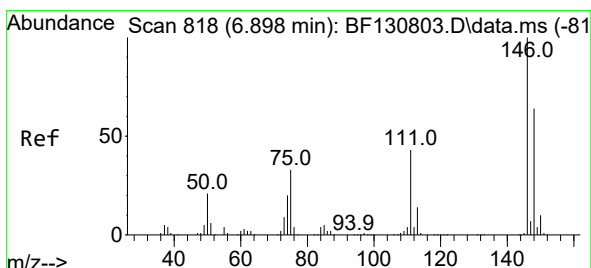
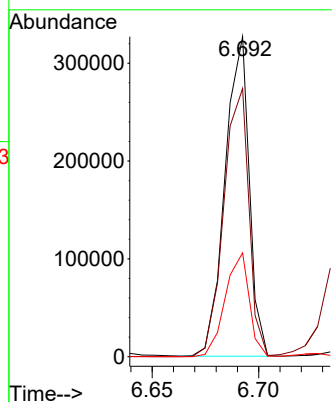
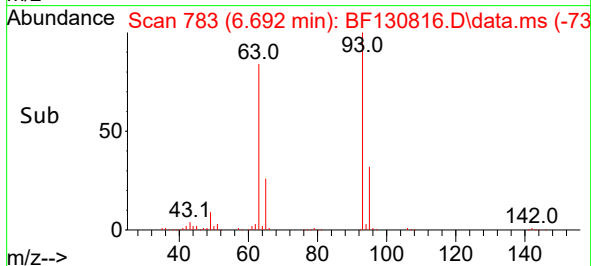
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



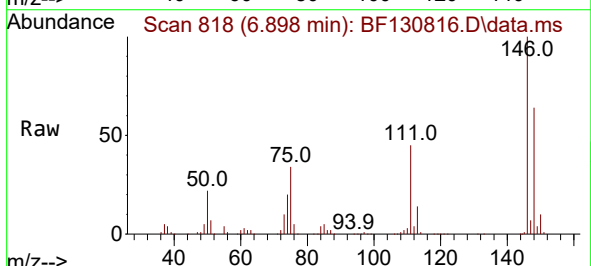
Tgt Ion: 93 Resp: 25820
Ion Ratio Lower Upper
93 100
63 83.8 63.4 103.4
95 32.5 12.6 52.6

Manual Integrations
APPROVED

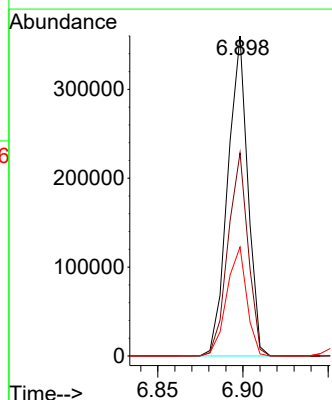
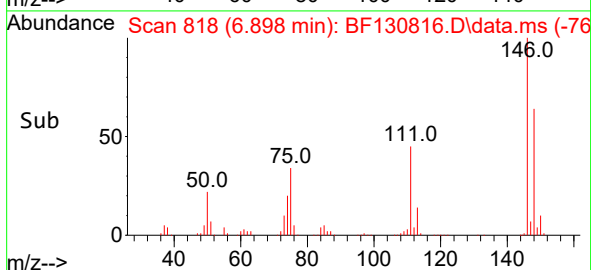
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

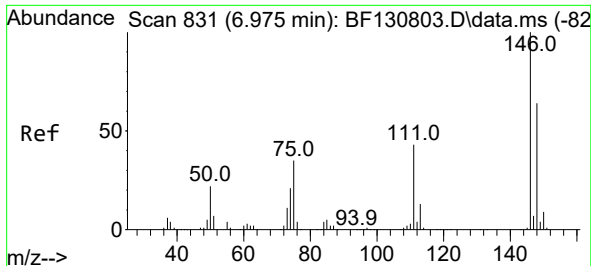


#12
1,3-Dichlorobenzene
Concen: 40.256 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



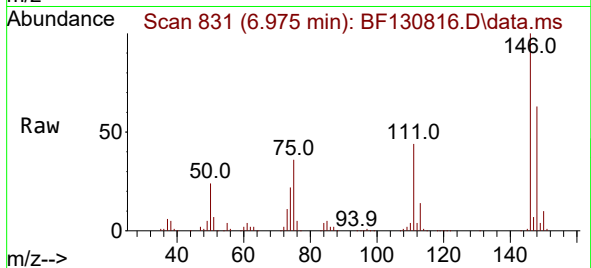
Tgt Ion:146 Resp: 294411
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 34.0 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 40.400 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

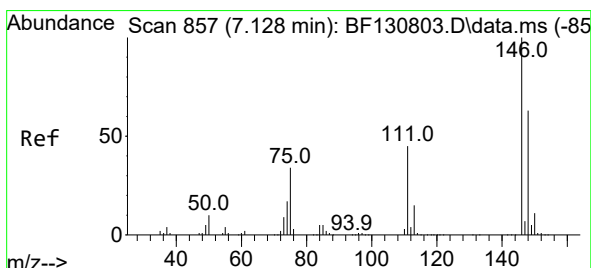
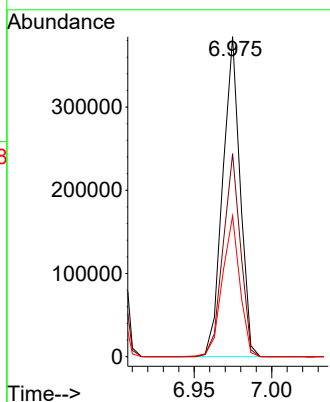
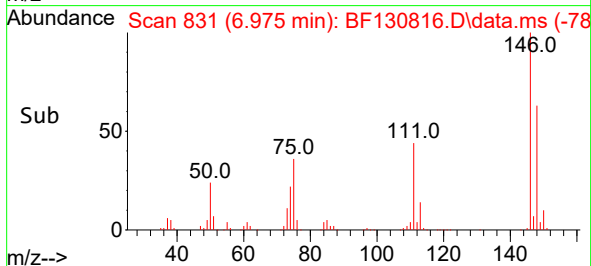
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



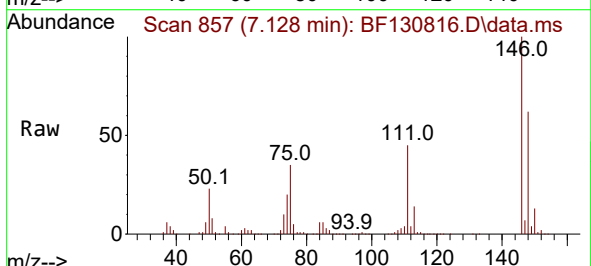
Tgt Ion:146 Resp: 299909
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
111 44.0 34.6 51.8

Manual Integrations
APPROVED

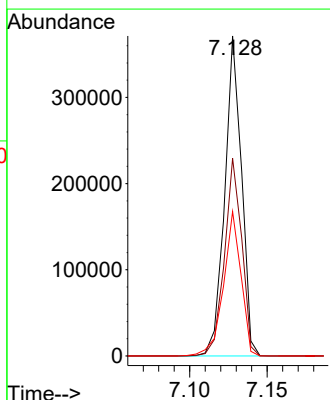
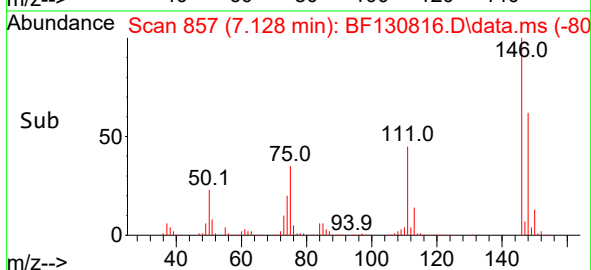
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

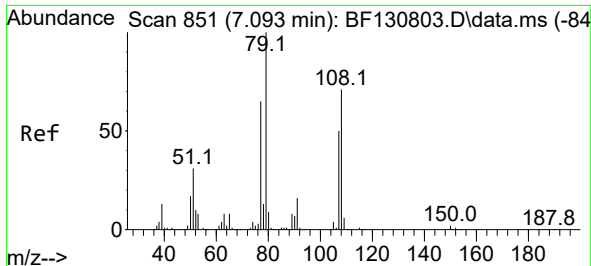


#14
1,2-Dichlorobenzene
Concen: 40.715 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



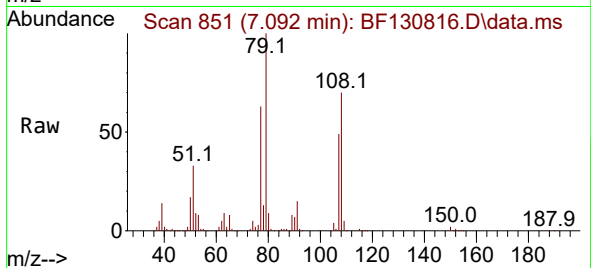
Tgt Ion:146 Resp: 279925
Ion Ratio Lower Upper
146 100
148 61.8 50.6 76.0
111 45.2 36.3 54.5





#15
Benzyl Alcohol
Concen: 40.368 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

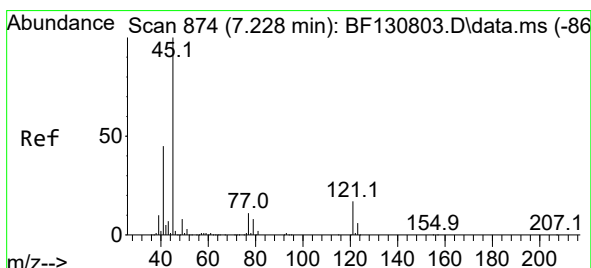
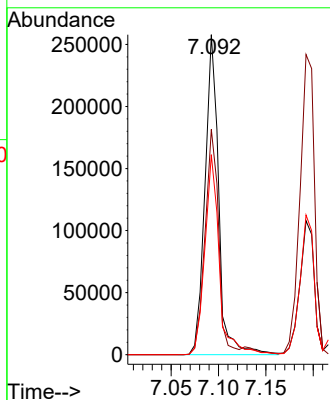
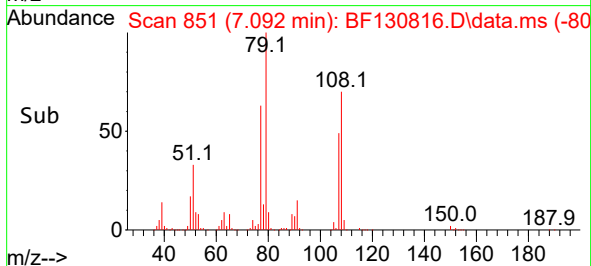
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



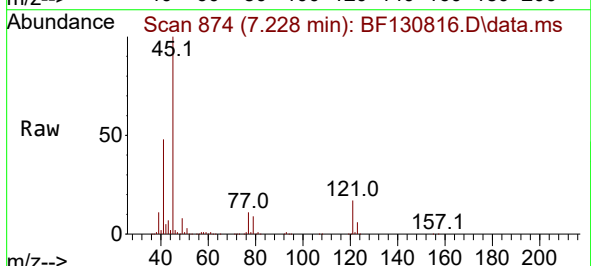
Tgt Ion: 79 Resp: 258434
Ion Ratio Lower Upper
79 100
108 70.4 56.4 84.6
77 62.5 51.8 77.8

Manual Integrations
APPROVED

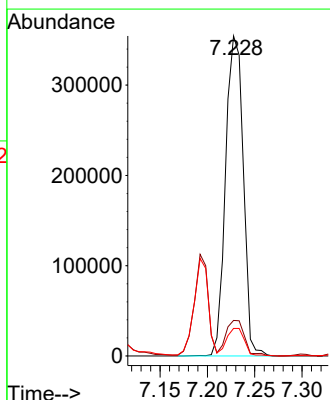
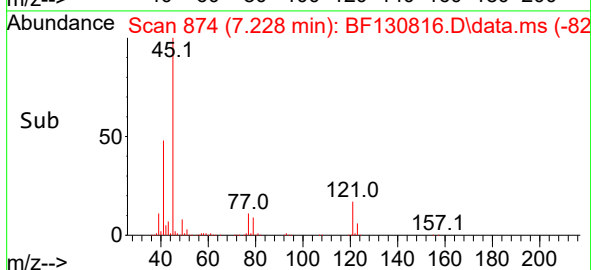
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

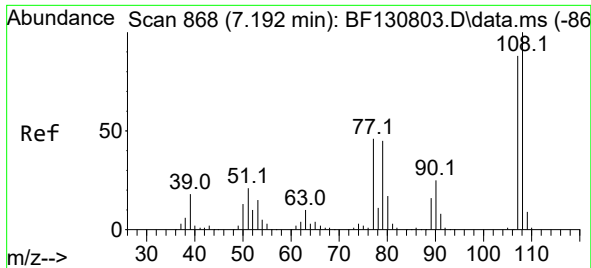


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.824 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion: 45 Resp: 459595
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.2
79 8.6 0.0 28.4





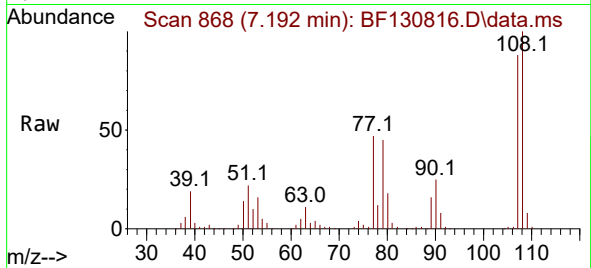
#17
2-Methylphenol
Concen: 40.670 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

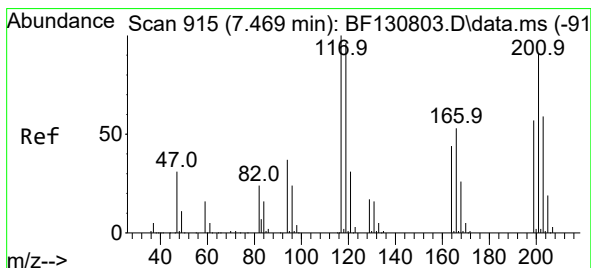
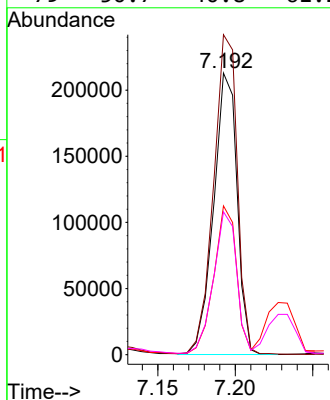
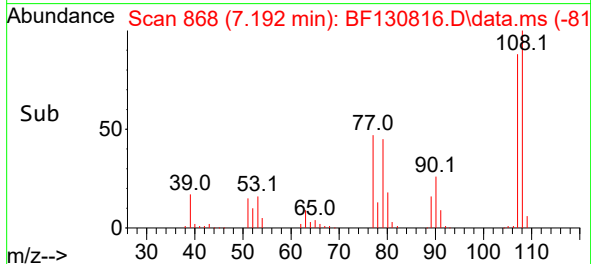


Tgt Ion:107 Resp: 224354
Ion Ratio Lower Upper
107 100
108 113.6 90.5 135.7
77 52.8 41.2 61.8
79 50.7 40.8 61.2

Manual Integrations

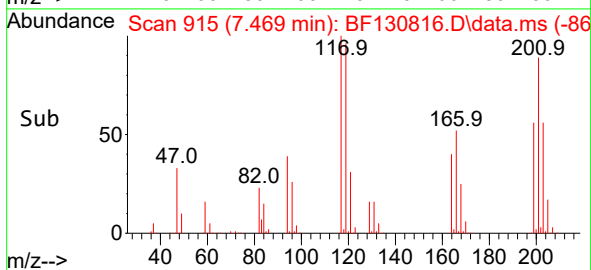
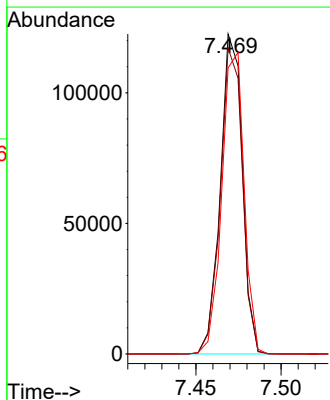
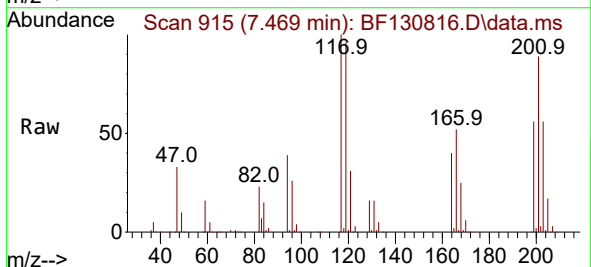
APPROVED

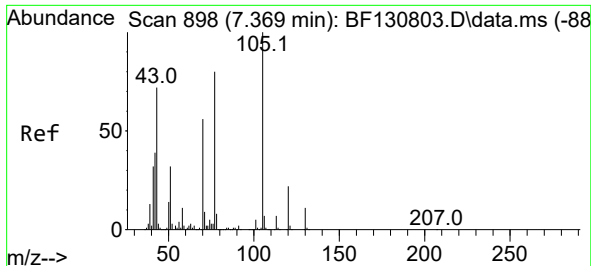
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#18
Hexachloroethane
Concen: 41.078 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Tgt Ion:117 Resp: 110211
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7
201 89.4 72.9 109.3





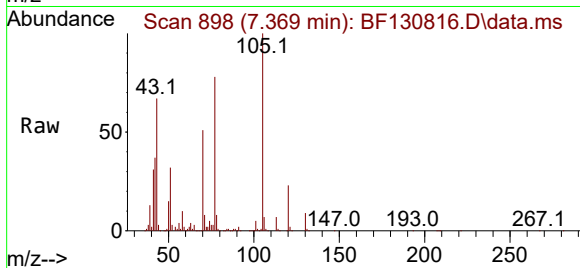
#19
n-Nitroso-di-n-propylamine
Concen: 39.529 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

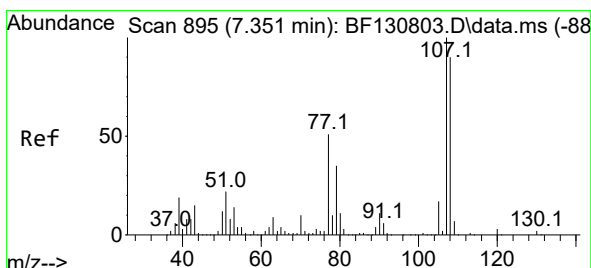
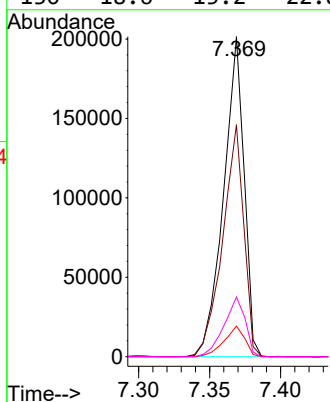
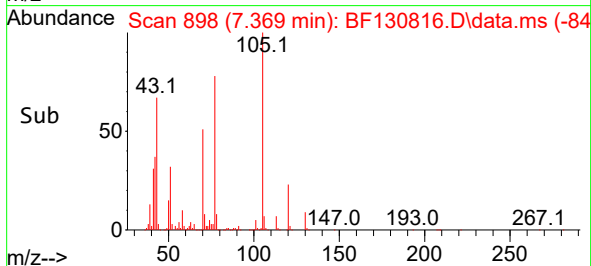


Tgt Ion: 70 Resp: 202491
Ion Ratio Lower Upper
70 100
42 72.5 56.1 84.1
101 9.6 7.3 10.9
130 18.6 15.2 22.8

Manual Integrations

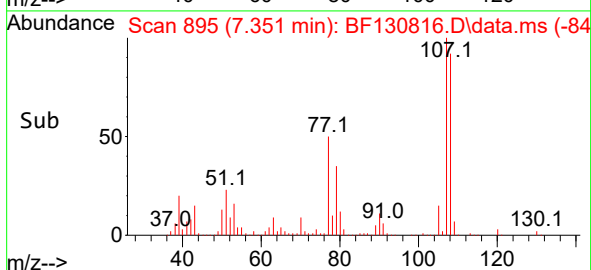
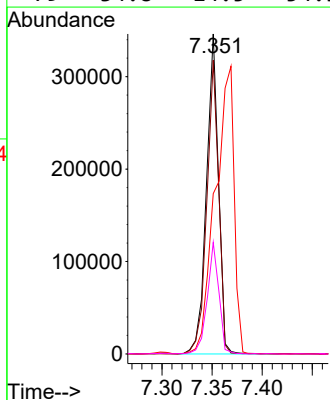
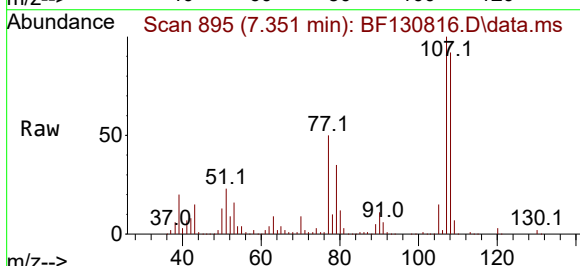
APPROVED

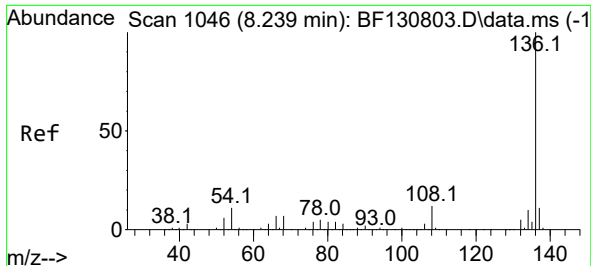
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#20
3+4-Methylphenols
Concen: 40.522 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Tgt Ion:107 Resp: 290643
Ion Ratio Lower Upper
107 100
108 91.8 70.4 110.4
77 50.1 31.1 71.1
79 34.8 14.5 54.5





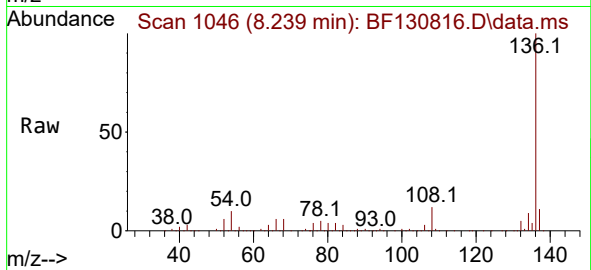
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

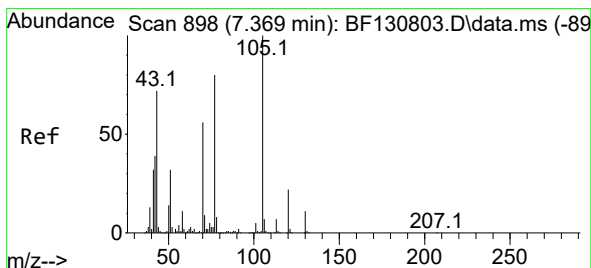
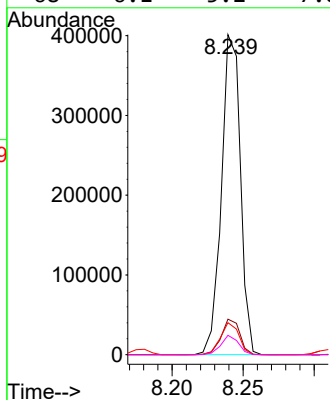
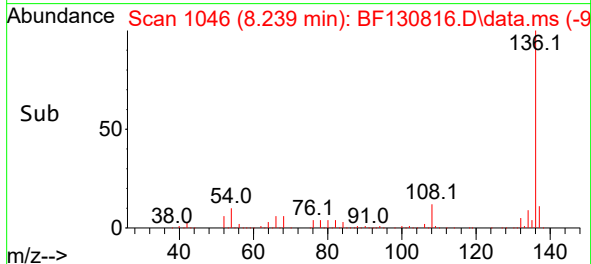


Tgt Ion:136 Resp: 371384
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.0 8.8 13.2
68 6.1 5.2 7.8

Manual Integrations

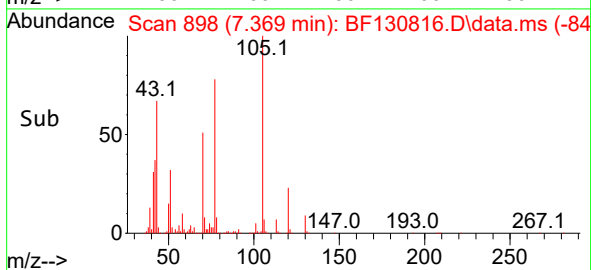
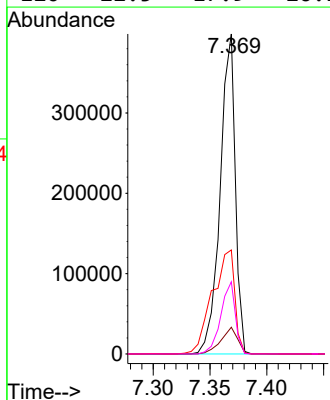
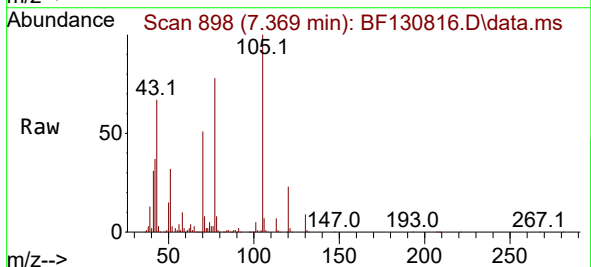
APPROVED

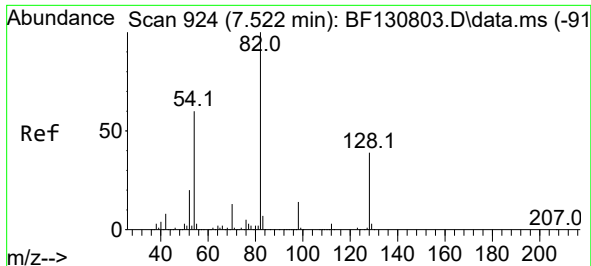
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#22
Acetophenone
Concen: 41.116 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Tgt Ion:105 Resp: 370219
Ion Ratio Lower Upper
105 100
71 8.3 7.2 10.8
51 32.5 25.9 38.9
120 22.5 17.9 26.9





#23

Nitrobenzene-d5

Concen: 93.731 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130816.D

Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 57729

Ion Ratio Lower Upper

82 100

128 38.2 31.2 46.8

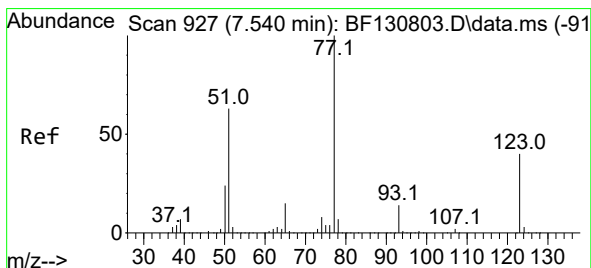
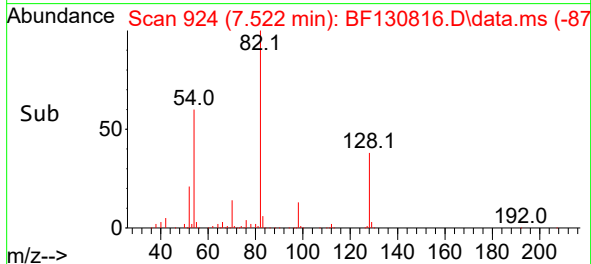
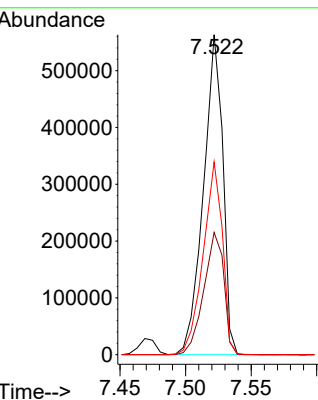
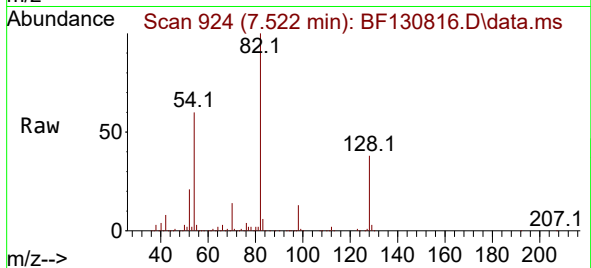
54 60.2 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 10/31/2022



#24

Nitrobenzene

Concen: 44.705 ng

RT: 7.539 min Scan# 927

Delta R.T. -0.001 min

Lab File: BF130816.D

Acq: 28 Oct 2022 09:10

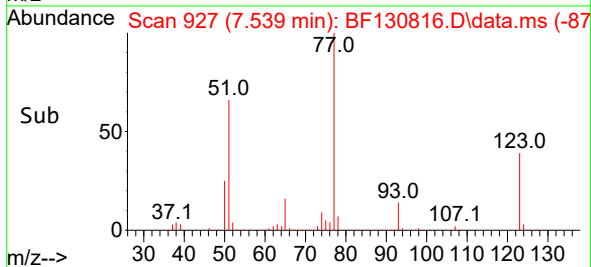
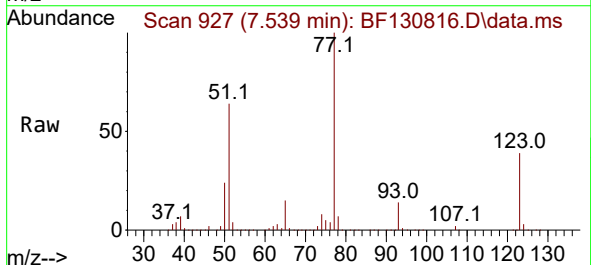
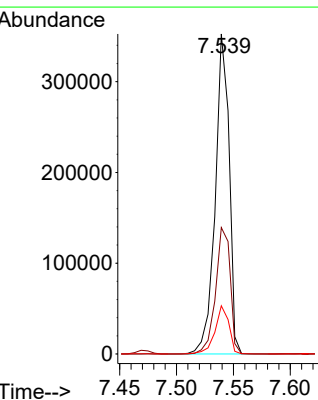
Tgt Ion: 77 Resp: 301079

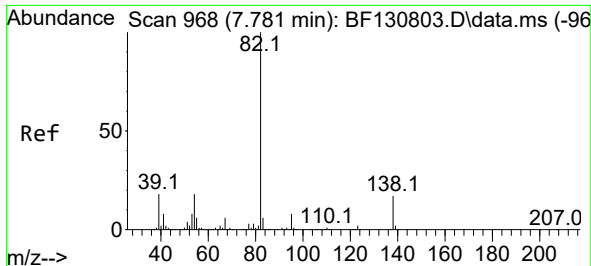
Ion Ratio Lower Upper

77 100

123 39.5 32.2 48.2

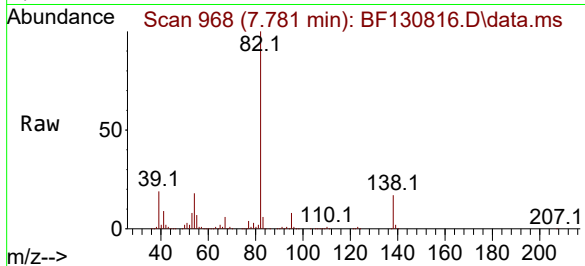
65 15.1 12.0 18.0





#25
Isophorone
Concen: 41.306 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

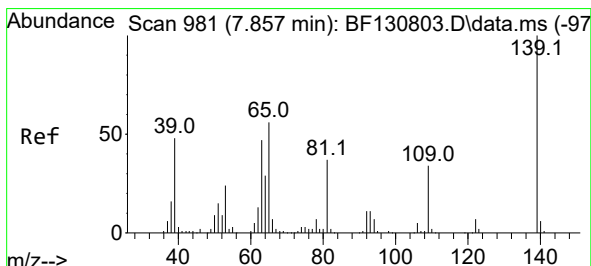
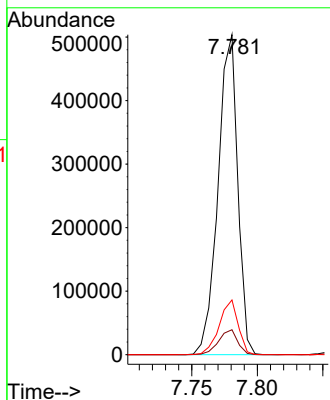
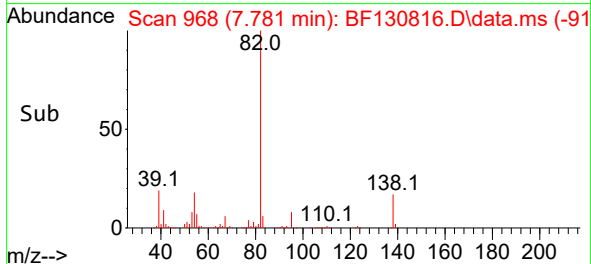
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



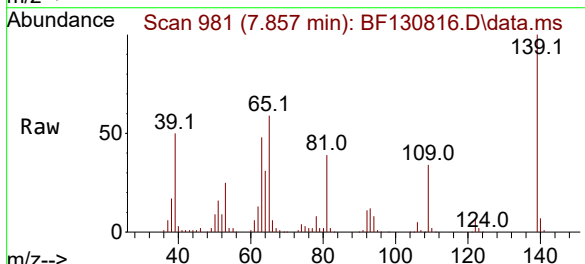
Tgt Ion: 82 Resp: 52461
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 17.1 13.8 20.6

Manual Integrations
APPROVED

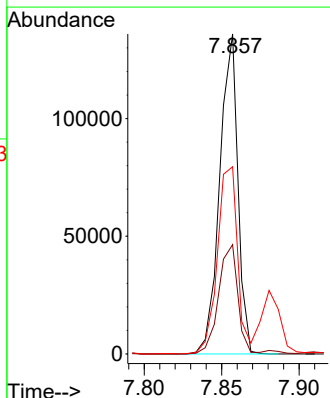
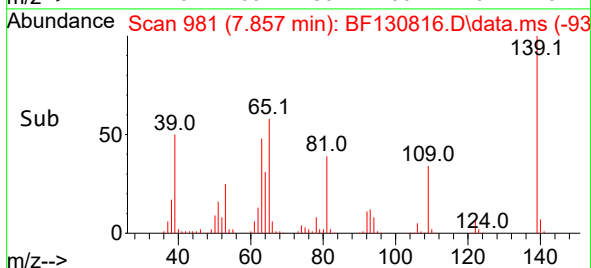
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

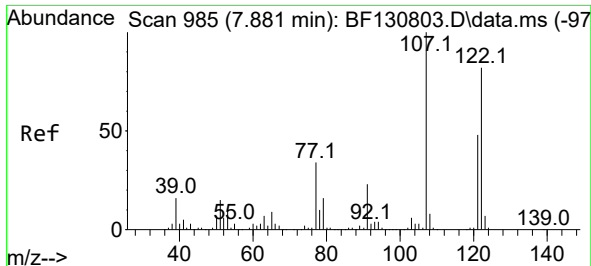


#26
2-Nitrophenol
Concen: 42.235 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:139 Resp: 110726
Ion Ratio Lower Upper
139 100
109 34.2 27.3 40.9
65 58.5 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 41.203 ng

RT: 7.881 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130816.D

Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

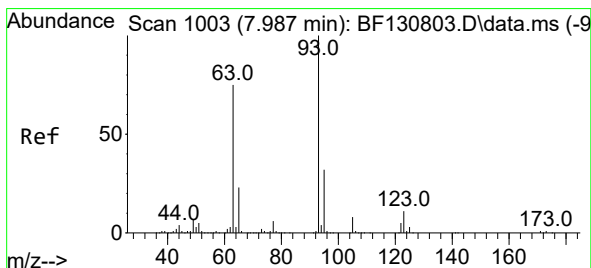
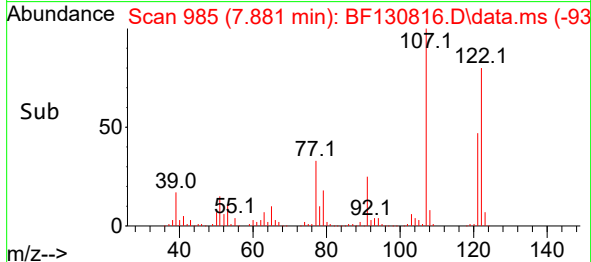
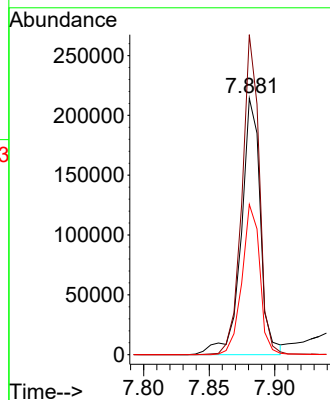
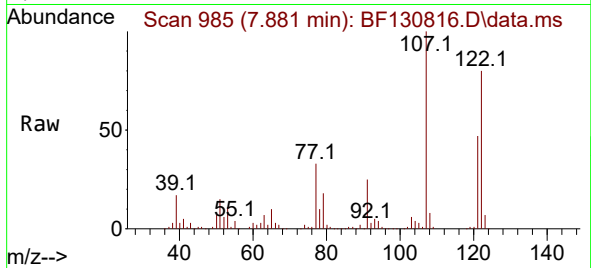
SSTDCCC040

Tgt Ion:122 Resp: 21779
 Ion Ratio Lower Upper
 122 100
 107 124.7 97.1 145.7
 121 58.6 46.9 70.3

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 10/31/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.826 ng

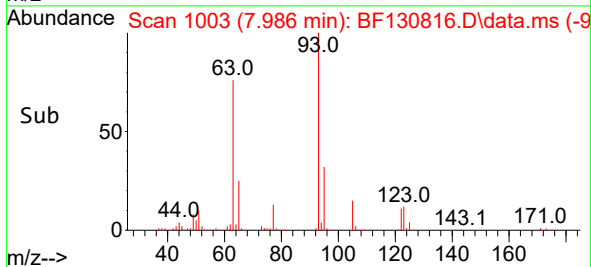
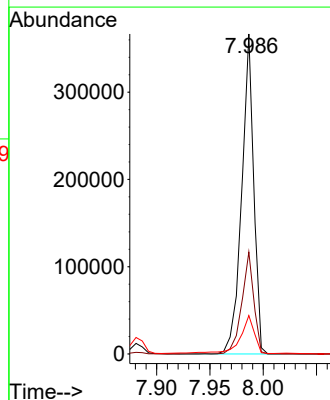
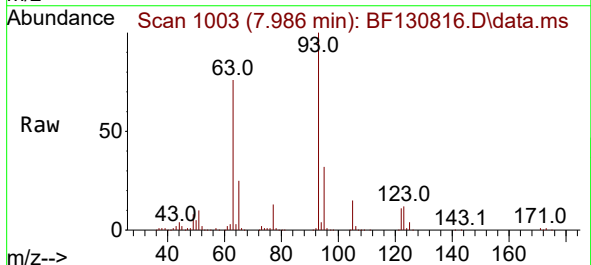
RT: 7.986 min Scan# 1003

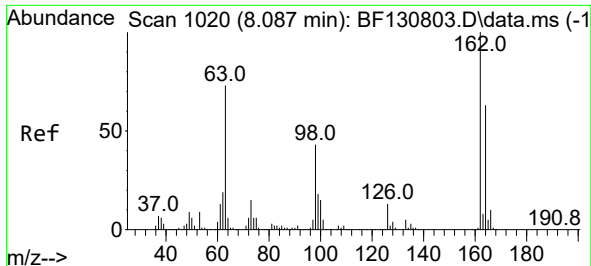
Delta R.T. -0.000 min

Lab File: BF130816.D

Acq: 28 Oct 2022 09:10

Tgt Ion: 93 Resp: 289586
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.7 38.5
 123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.673 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BF130816.D

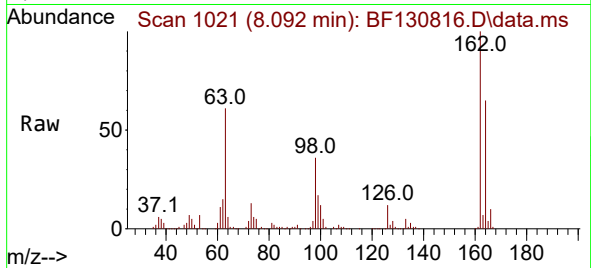
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 226602

Ion Ratio Lower Upper

162 100

164 65.4 43.2 83.2

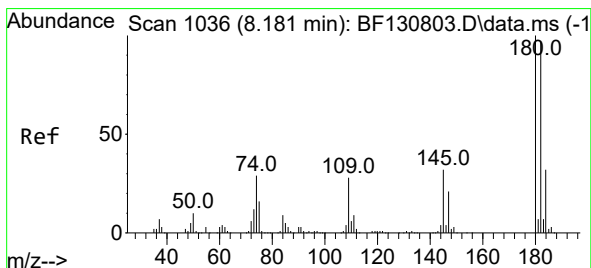
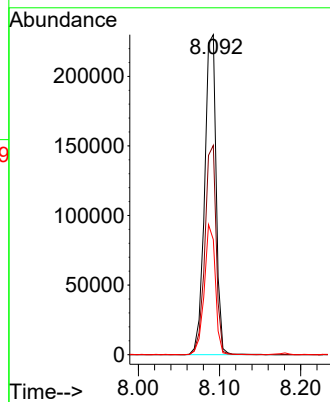
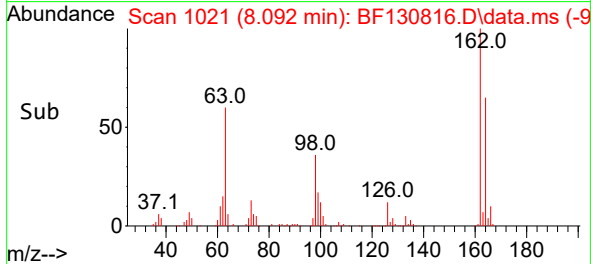
98 36.0 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 10/31/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.951 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF130816.D

Acq: 28 Oct 2022 09:10

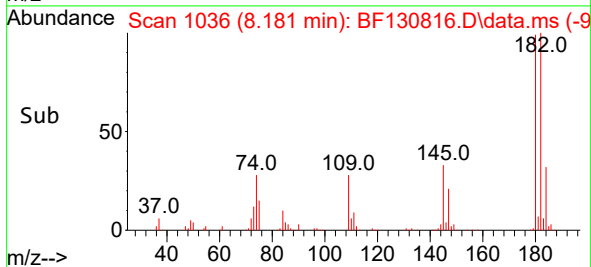
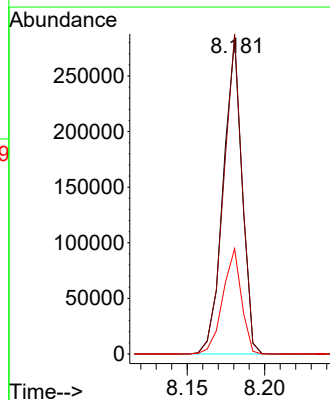
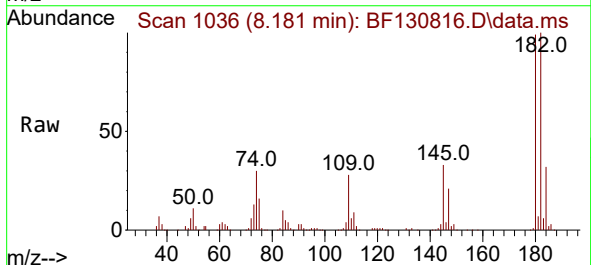
Tgt Ion:180 Resp: 239442

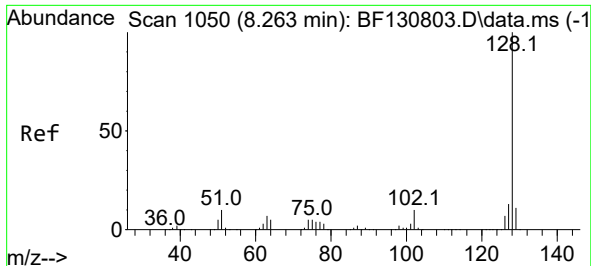
Ion Ratio Lower Upper

180 100

182 101.5 77.7 116.5

145 33.4 25.9 38.9





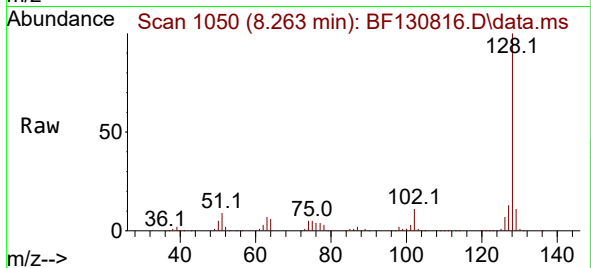
#31
Naphthalene
Concen: 40.661 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

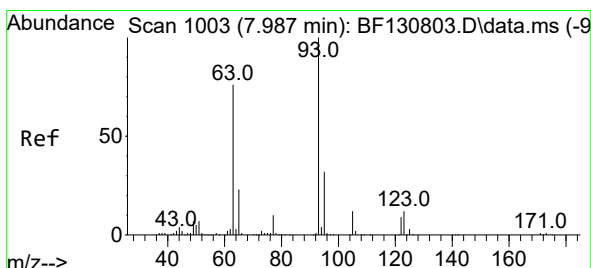
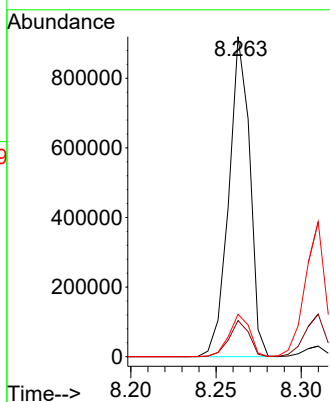
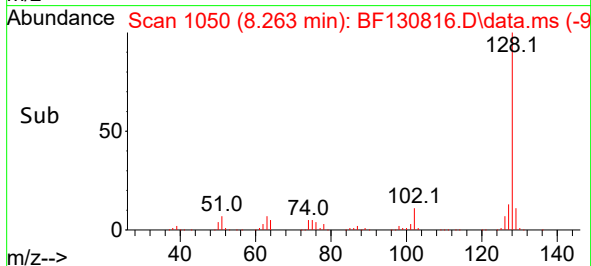


Tgt Ion:128 Resp: 787860
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.6 16.0

Manual Integrations

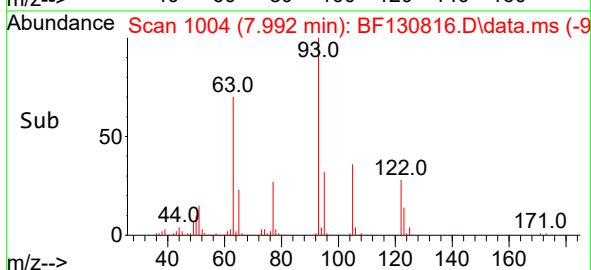
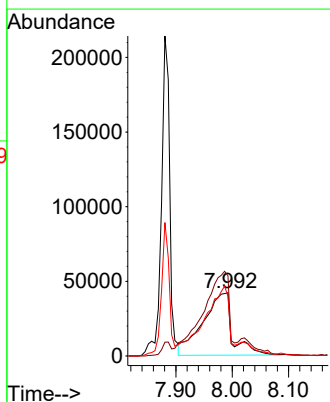
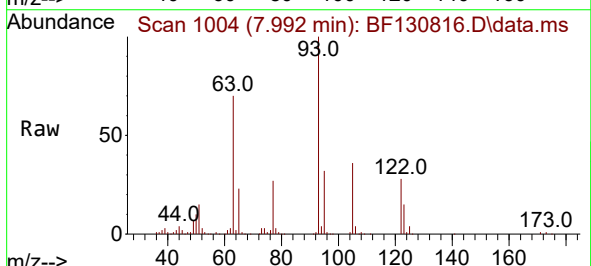
APPROVED

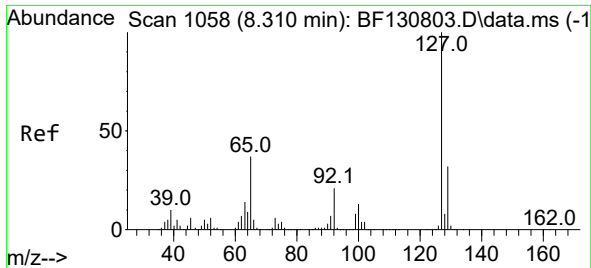
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#32
Benzoic acid
Concen: 42.040 ng m
RT: 7.992 min Scan# 1004
Delta R.T. 0.005 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Tgt Ion:122 Resp: 153663
Ion Ratio Lower Upper
122 100
105 126.9 114.5 154.5
77 94.5 89.8 129.8





#33
4-Chloroaniline
Concen: 41.350 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

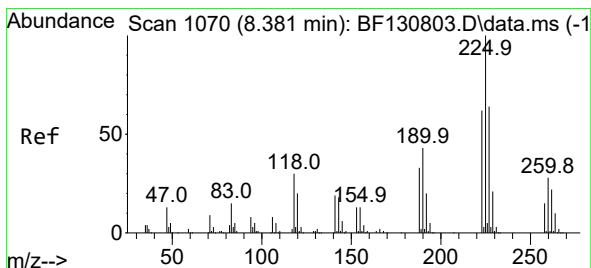
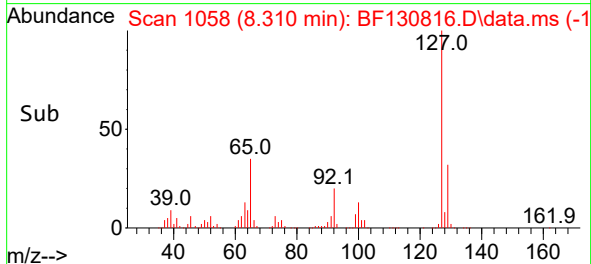
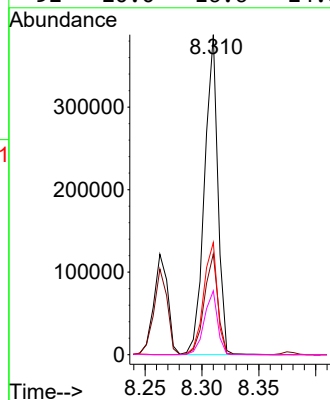
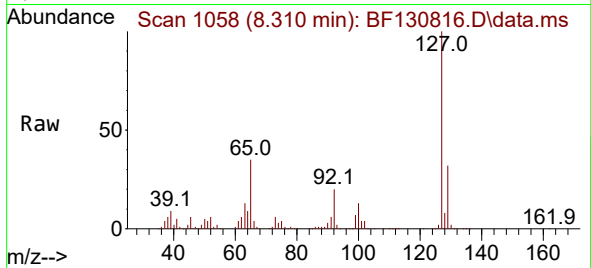
SSTDCCC040

Tgt Ion:127 Resp: 316600
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4
65 35.1 29.4 44.2
92 20.0 16.6 24.8

Manual Integrations

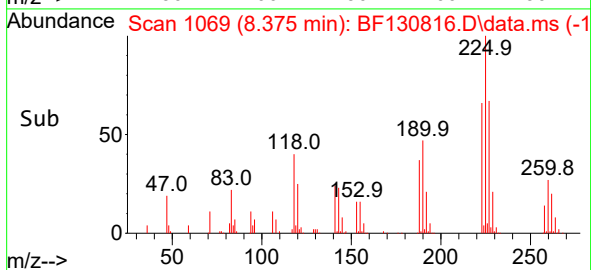
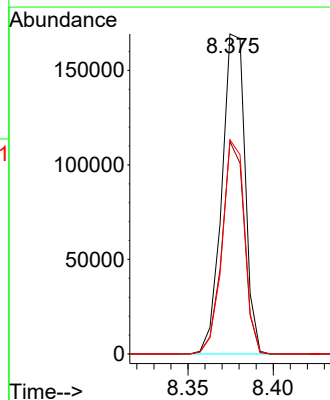
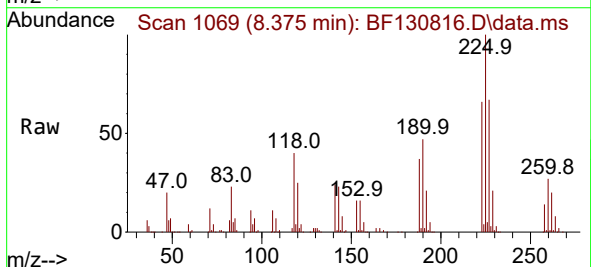
APPROVED

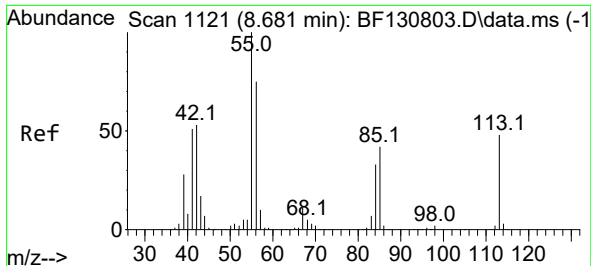
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#34
Hexachlorobutadiene
Concen: 41.241 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

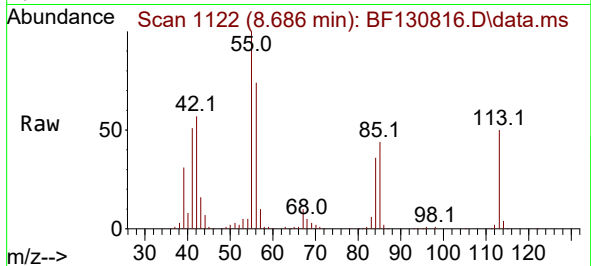
Tgt Ion:225 Resp: 160075
Ion Ratio Lower Upper
225 100
223 66.3 49.9 74.9
227 67.0 51.5 77.3





#35
Caprolactam
Concen: 43.171 ng
RT: 8.686 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

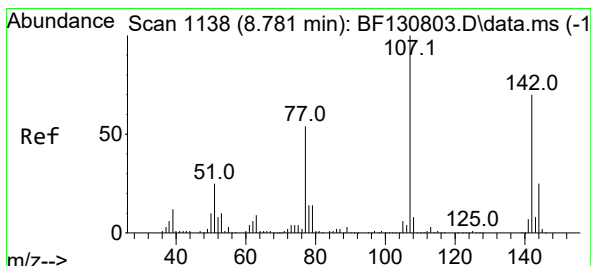
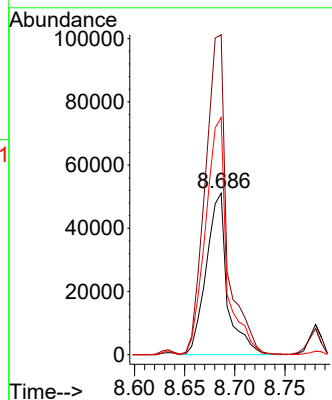
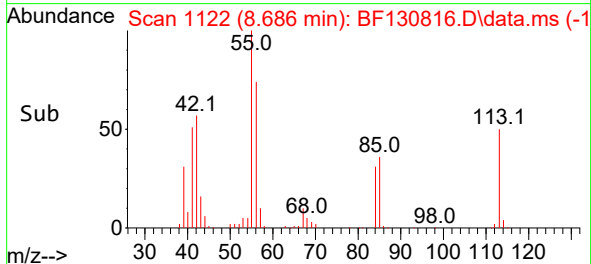
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 75225
Ion Ratio Lower Upper
113 100
55 198.3 187.0 227.0
56 147.0 134.2 174.2

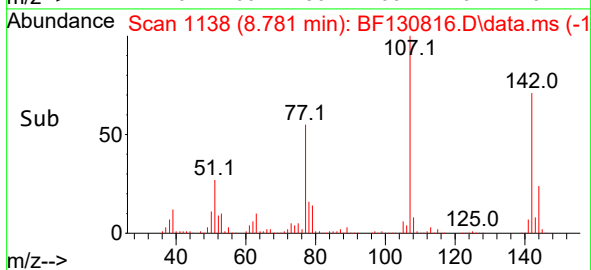
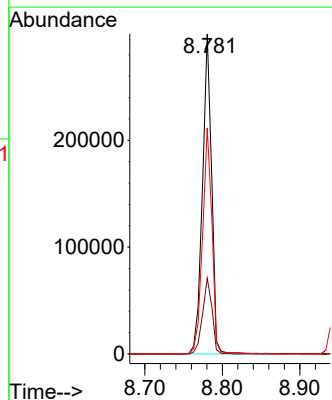
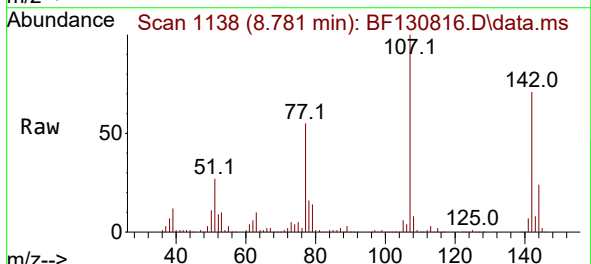
Manual Integrations
APPROVED

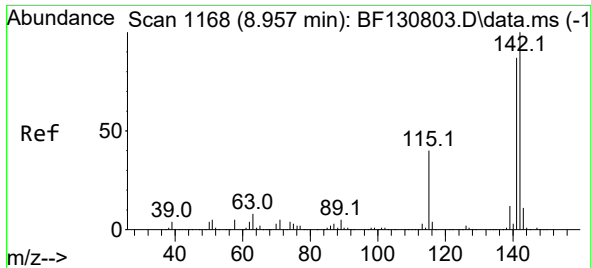
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#36
4-Chloro-3-methylphenol
Concen: 41.917 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

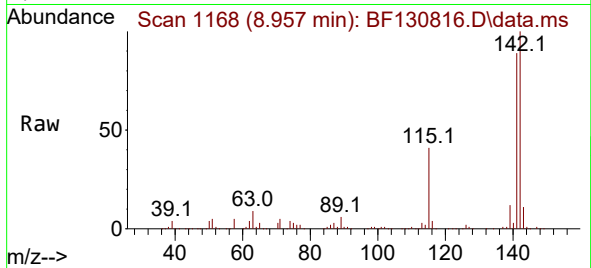
Tgt Ion:107 Resp: 247233
Ion Ratio Lower Upper
107 100
144 23.7 19.8 29.8
142 70.6 56.0 84.0





#37
2-Methylnaphthalene
Concen: 40.582 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

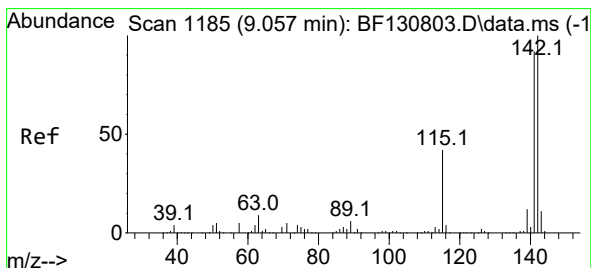
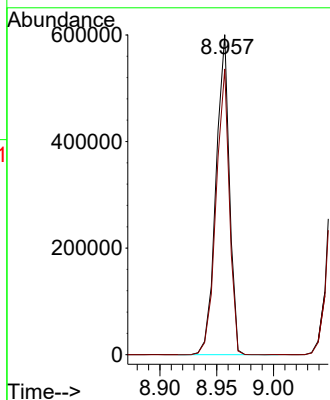
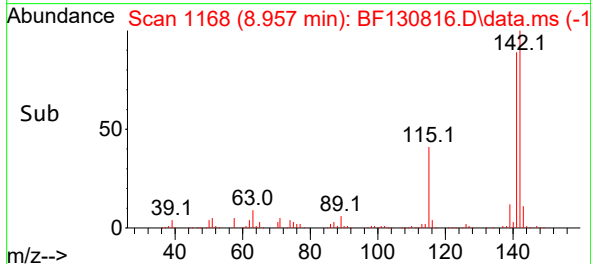
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



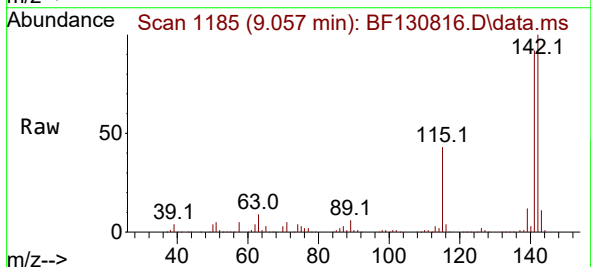
Tgt Ion:142 Resp: 494619
Ion Ratio Lower Upper
142 100
141 89.3 69.9 104.9

Manual Integrations
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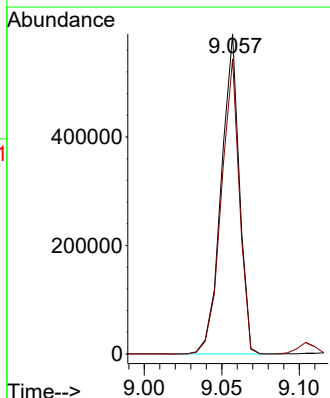
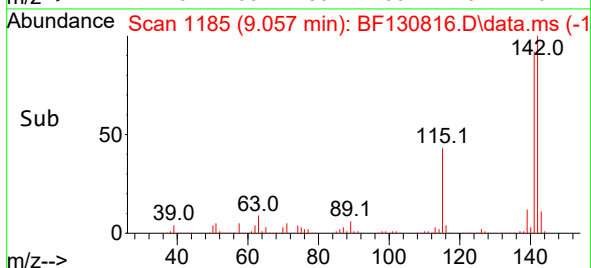
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

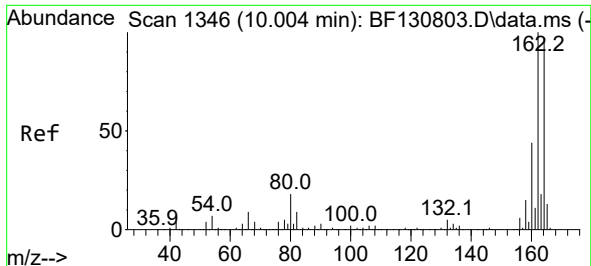


#38
1-Methylnaphthalene
Concen: 40.454 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:142 Resp: 479840
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3





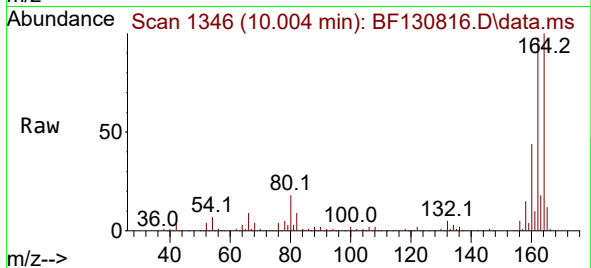
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

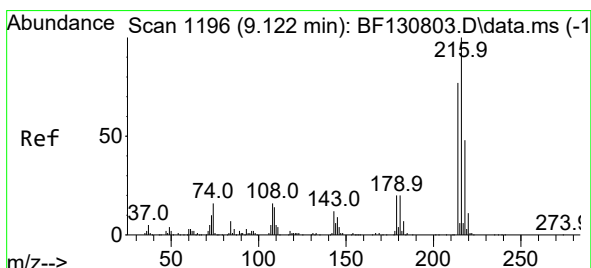
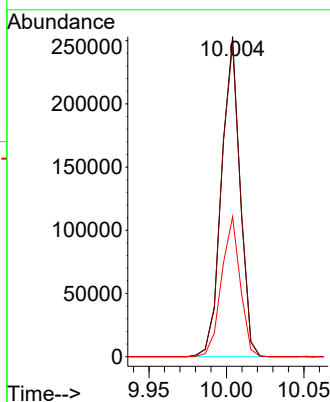
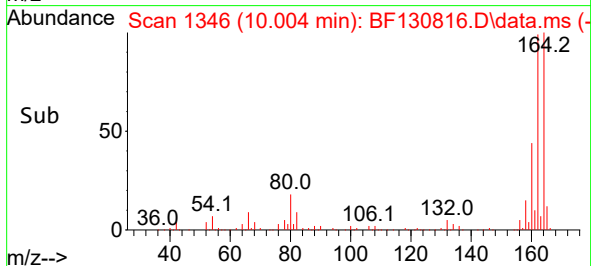


Tgt Ion:164 Resp: 208450
Ion Ratio Lower Upper
164 100
162 97.7 82.2 123.2
160 43.8 36.6 54.8

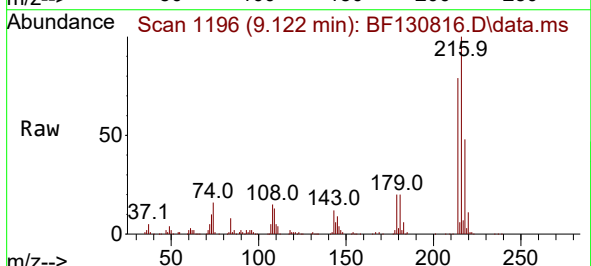
Manual Integrations

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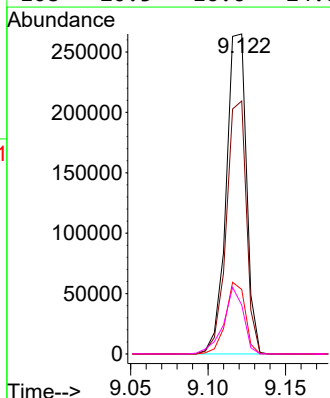
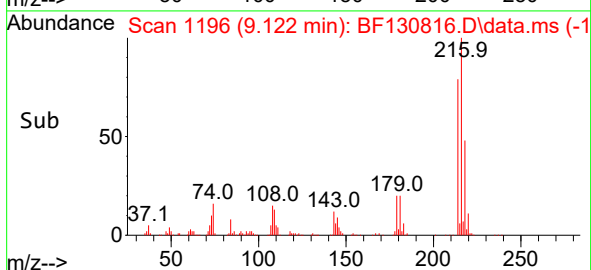
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

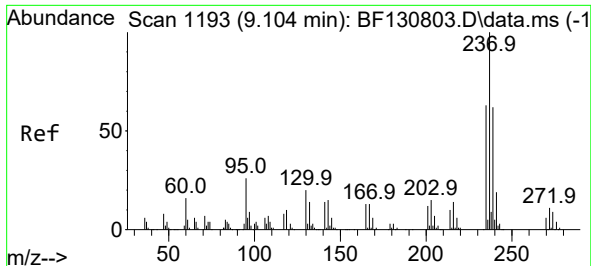


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.725 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:216 Resp: 240736
Ion Ratio Lower Upper
216 100
214 78.0 62.7 94.1
179 21.6 16.9 25.3
108 20.5 16.6 24.8





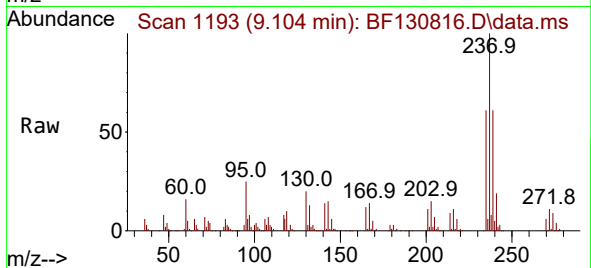
#41
Hexachlorocyclopentadiene
Concen: 42.501 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

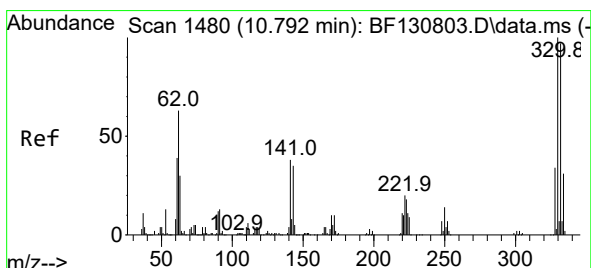
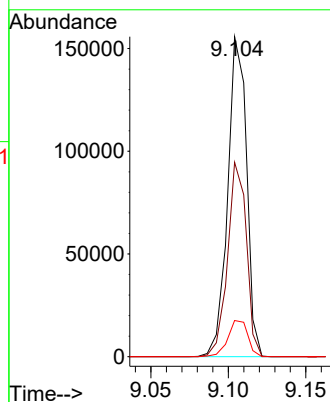
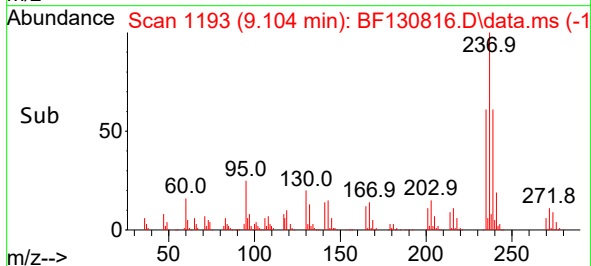


Tgt Ion:237 Resp: 132000
Ion Ratio Lower Upper
237 100
235 60.7 43.5 83.5
272 11.3 0.0 31.4

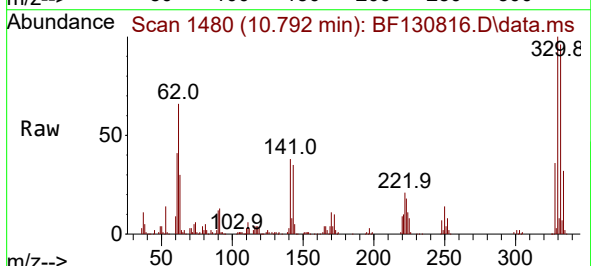
Manual Integrations

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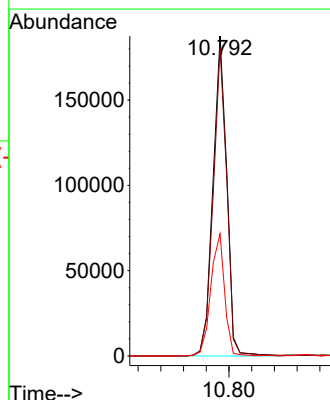
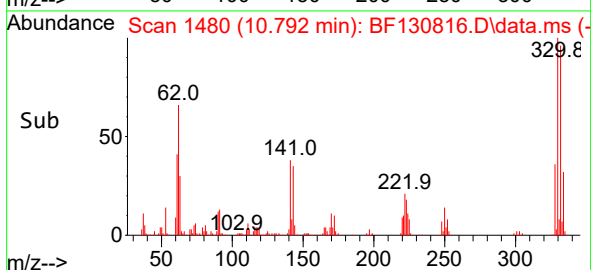
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

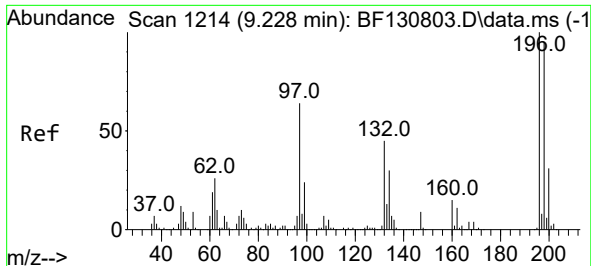


#42
2,4,6-Tribromophenol
Concen: 89.800 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



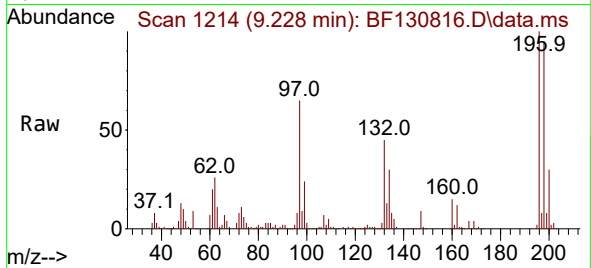
Tgt Ion:330 Resp: 157575
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 38.4 31.4 47.0





#43
2,4,6-Trichlorophenol
Concen: 40.679 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

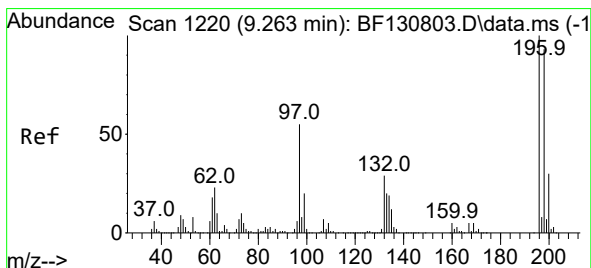
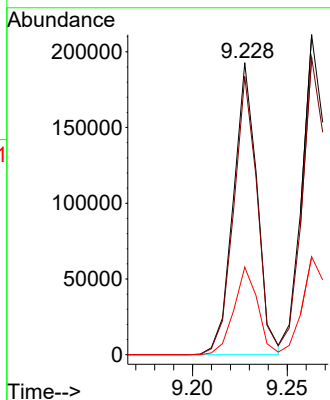
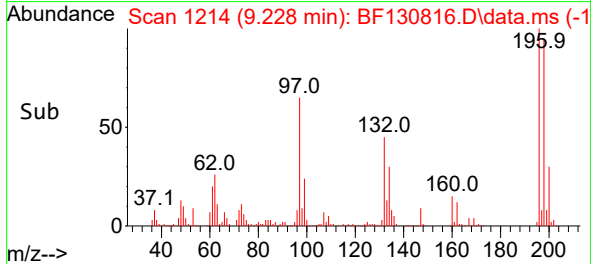
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



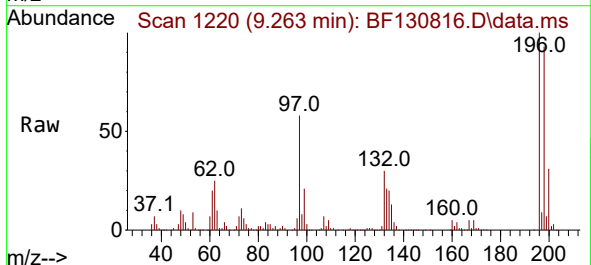
Tgt Ion:196 Resp: 16709
Ion Ratio Lower Upper
196 100
198 95.3 76.1 114.1
200 30.0 24.5 36.7

Manual Integrations
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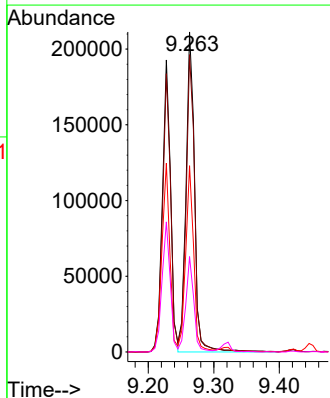
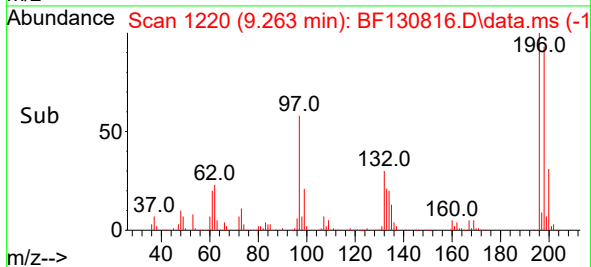
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

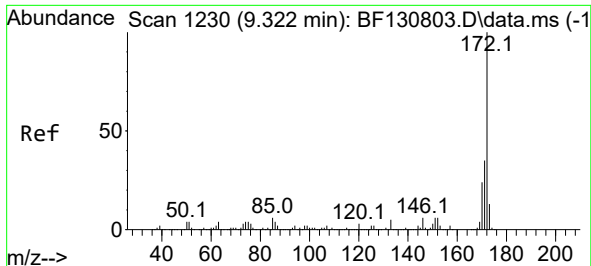


#44
2,4,5-Trichlorophenol
Concen: 43.248 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:196 Resp: 189794
Ion Ratio Lower Upper
196 100
198 92.9 74.6 112.0
97 58.2 44.7 67.1
132 29.8 23.3 34.9





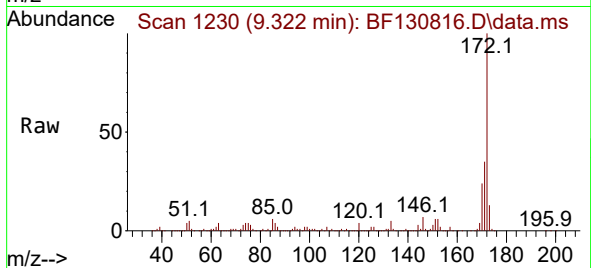
#45
2-Fluorobiphenyl
Concen: 77.100 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

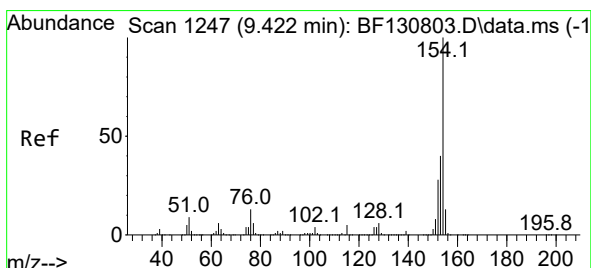
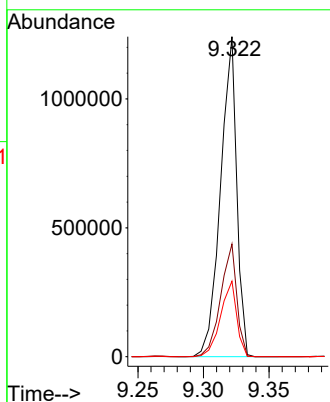
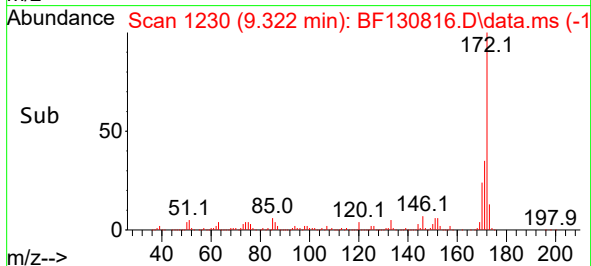


Tgt Ion:172 Resp: 1063010
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 19.0 28.4

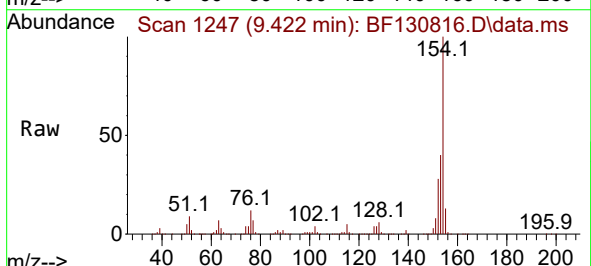
Manual Integrations

APPROVED

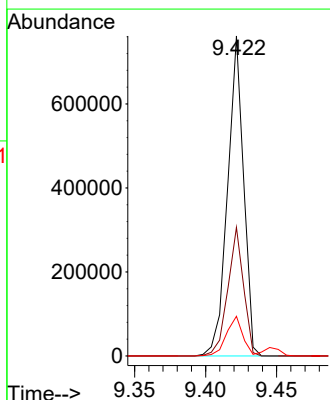
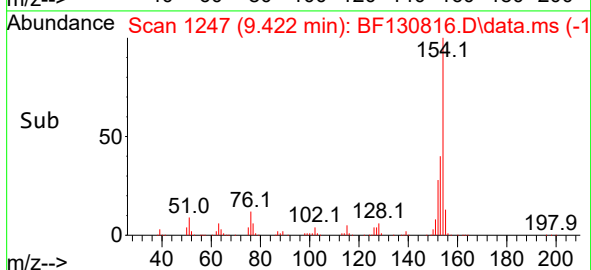
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

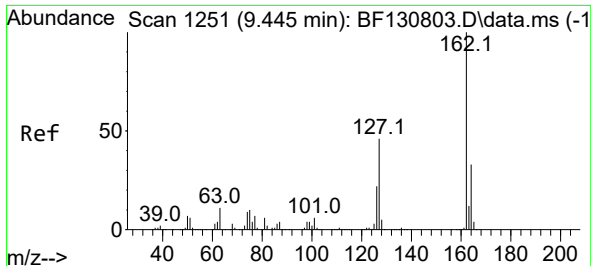


#46
1,1'-Biphenyl
Concen: 40.299 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:154 Resp: 598479
Ion Ratio Lower Upper
154 100
153 40.2 19.9 59.9
76 12.4 0.0 32.5





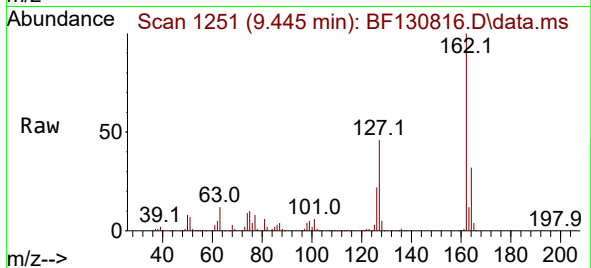
#47
2-Chloronaphthalene
Concen: 40.231 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

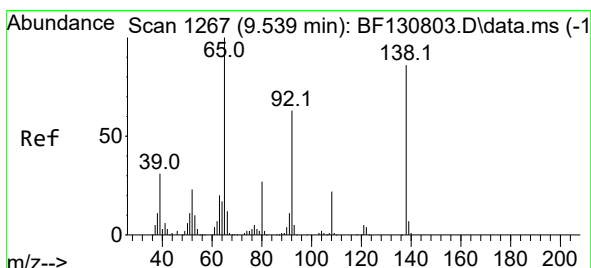
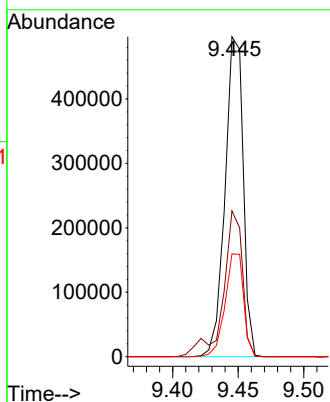
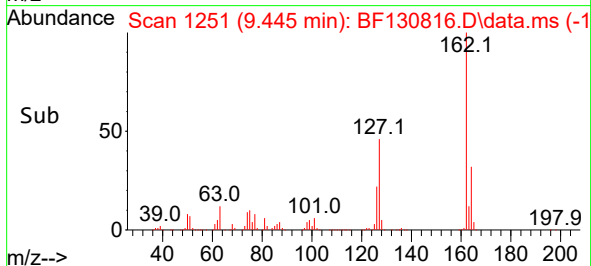


Tgt Ion:162 Resp: 479088
Ion Ratio Lower Upper
162 100
127 45.5 36.6 54.8
164 32.1 26.5 39.7

Manual Integrations

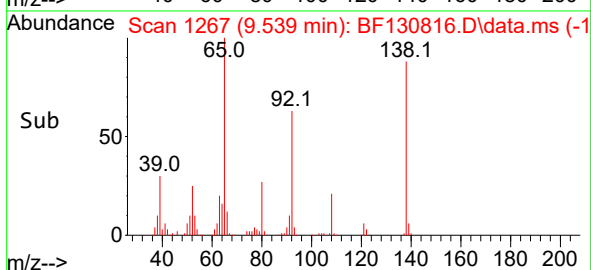
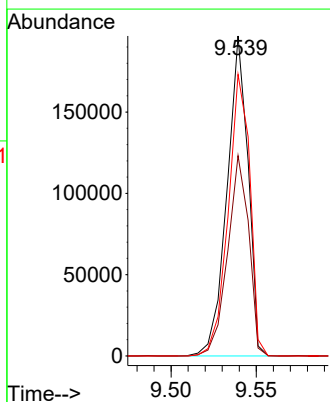
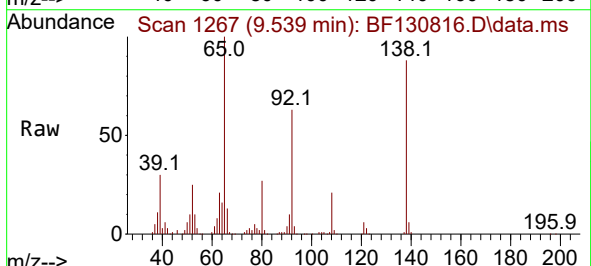
APPROVED

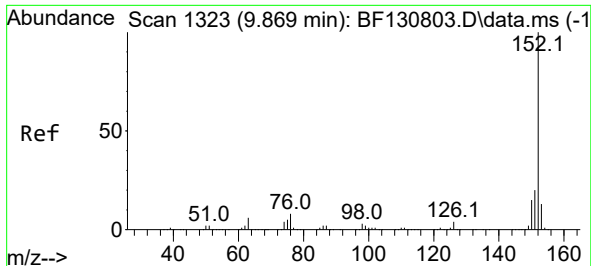
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#48
2-Nitroaniline
Concen: 44.265 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Tgt Ion: 65 Resp: 168148
Ion Ratio Lower Upper
65 100
92 62.6 50.1 75.1
138 88.0 69.2 103.8





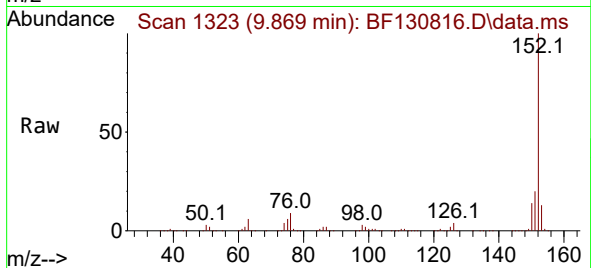
#49
Acenaphthylene
Concen: 40.902 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

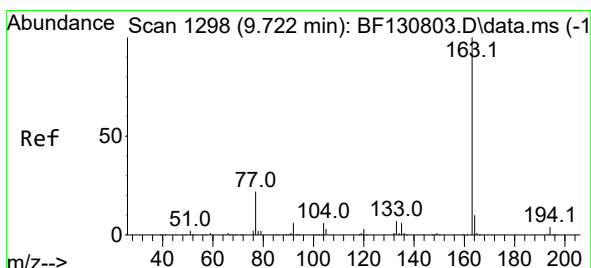
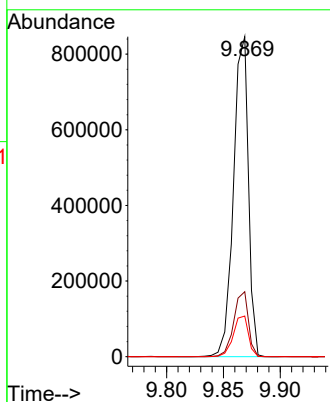
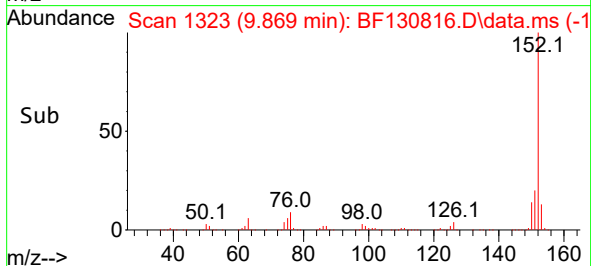


Tgt Ion:152 Resp: 76971
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 12.7 10.2 15.4

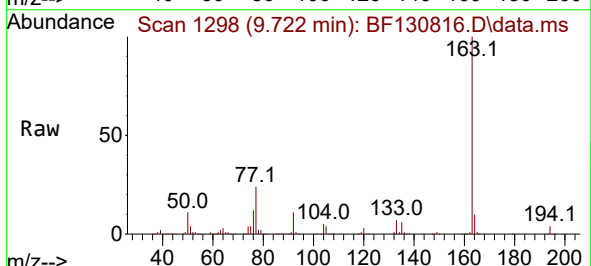
Manual Integrations

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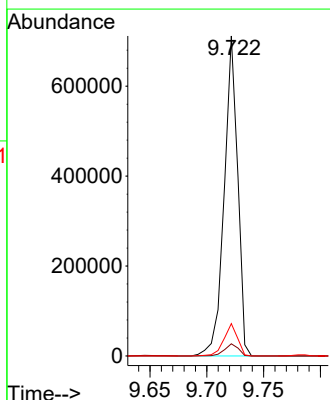
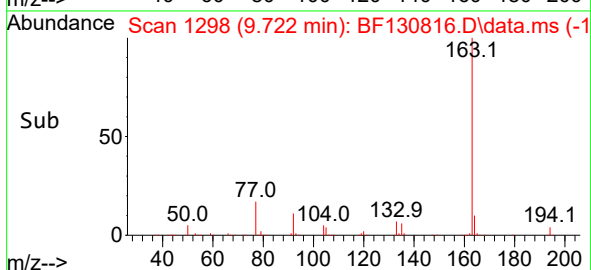
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

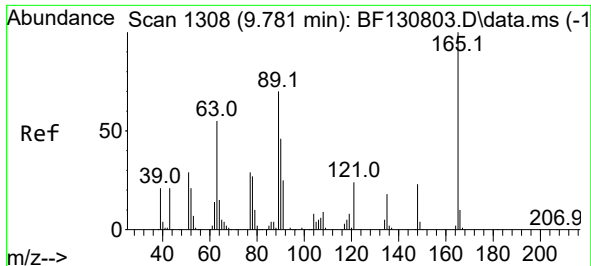


#50
Dimethylphthalate
Concen: 41.129 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



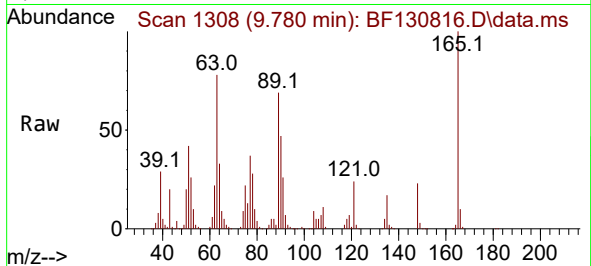
Tgt Ion:163 Resp: 588859
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.459 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.001 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

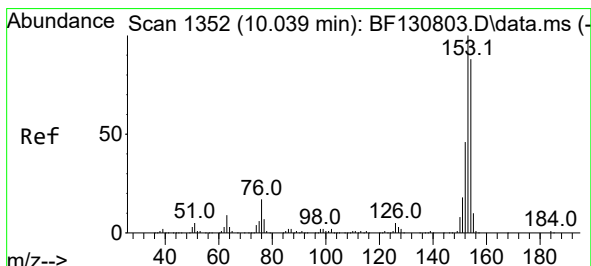
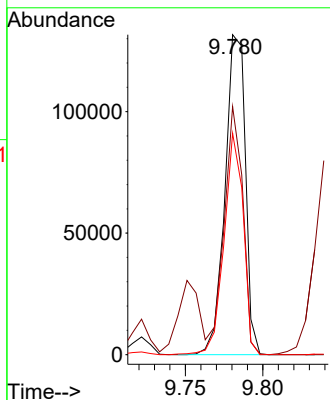
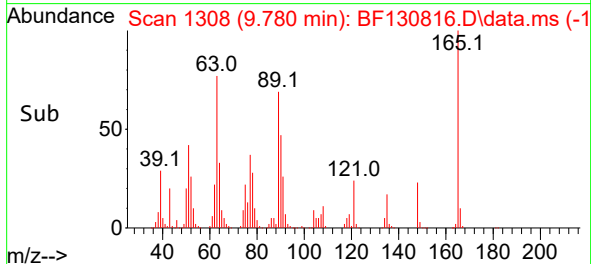
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 120409
Ion Ratio Lower Upper
165 100
63 77.6 61.8 92.8
89 69.2 56.2 84.4

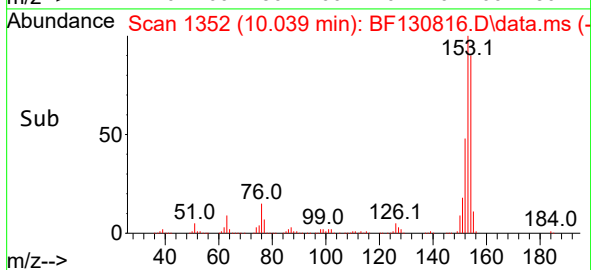
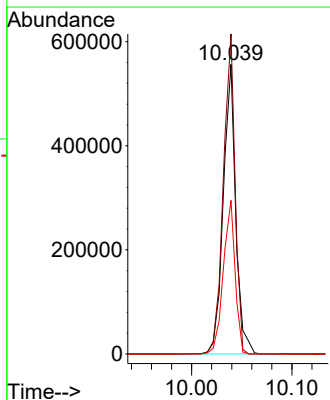
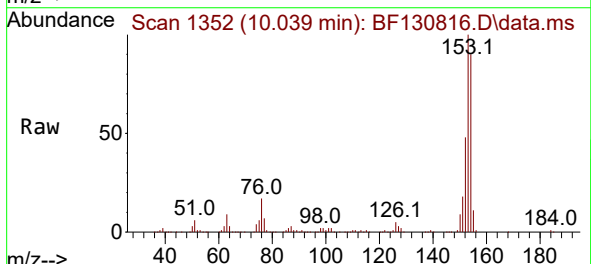
Manual Integrations
APPROVED

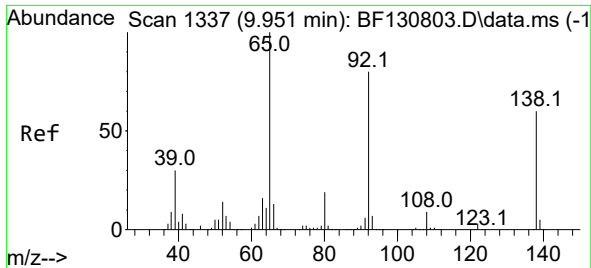
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#52
Acenaphthene
Concen: 40.985 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Tgt Ion:154 Resp: 476916
Ion Ratio Lower Upper
154 100
153 110.5 90.5 135.7
152 53.0 42.0 63.0





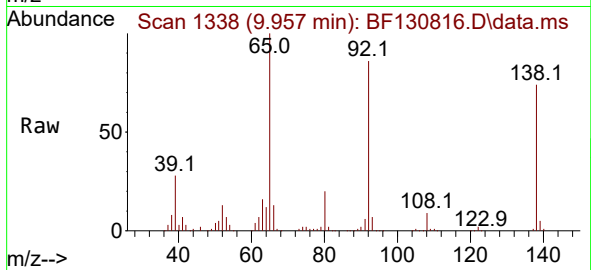
#53
3-Nitroaniline
Concen: 48.767 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

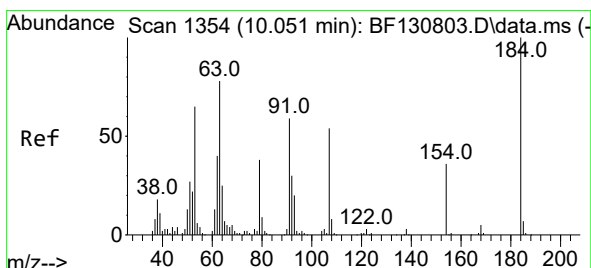
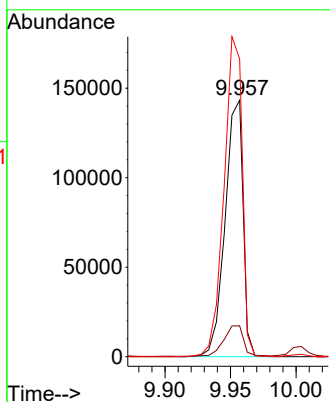
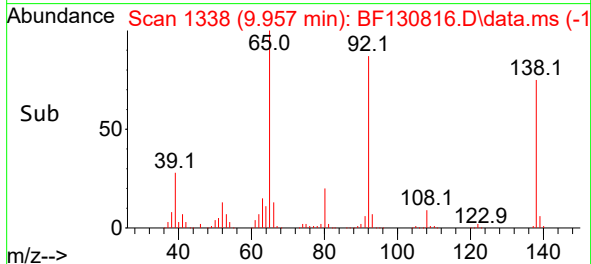


Tgt Ion:138 Resp: 135997
Ion Ratio Lower Upper
138 100
108 12.0 12.7 19.1
92 116.1 107.8 161.8

Manual Integrations

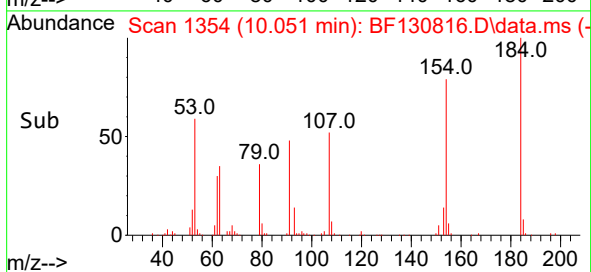
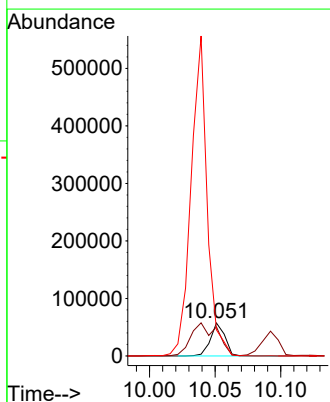
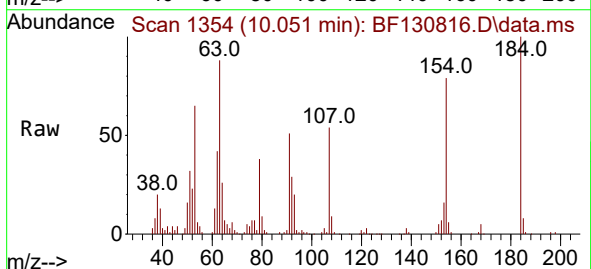
APPROVED

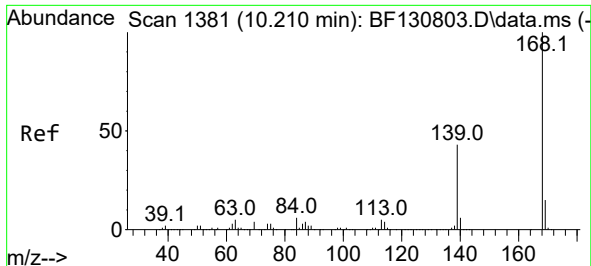
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#54
2,4-Dinitrophenol
Concen: 43.824 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

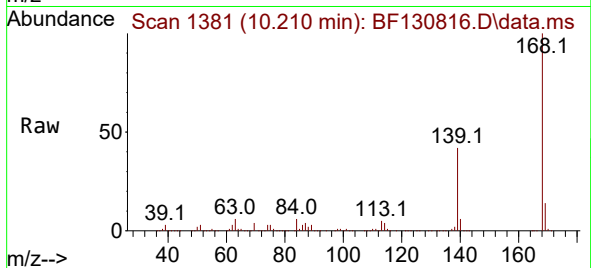
Tgt Ion:184 Resp: 44108
Ion Ratio Lower Upper
184 100
63 88.3 66.7 100.1
154 79.1 62.2 93.2





#55
Dibenzenofuran
Concen: 40.975 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

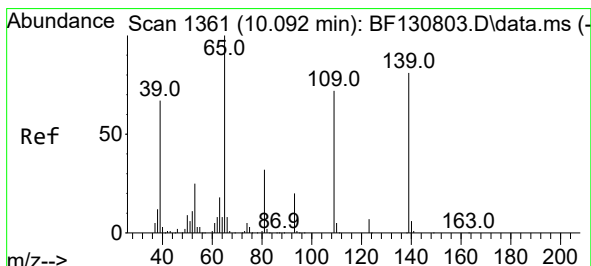
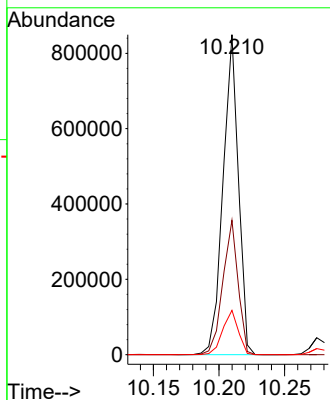
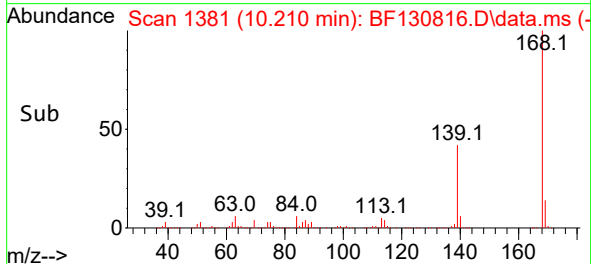
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



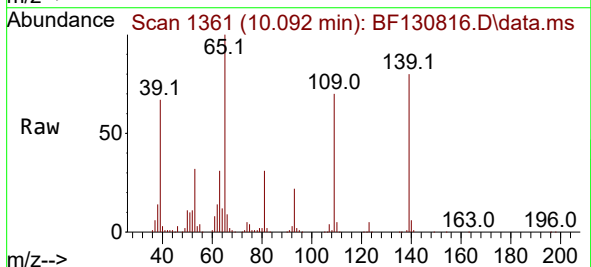
Tgt Ion:168 Resp: 69111
Ion Ratio Lower Upper
168 100
139 42.0 34.3 51.5
169 13.9 11.9 17.9

Manual Integrations
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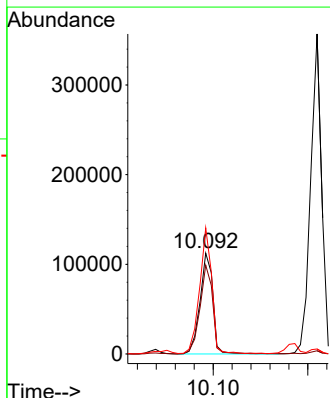
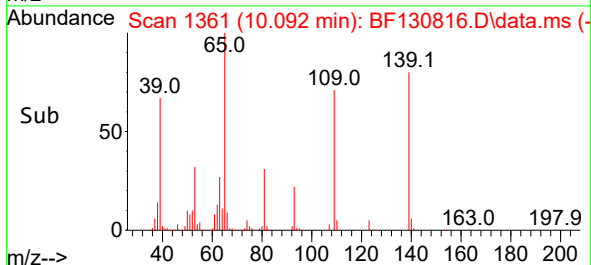
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

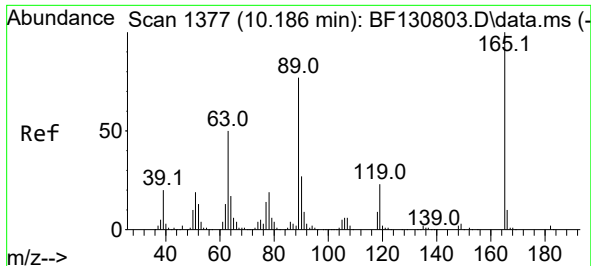


#56
4-Nitrophenol
Concen: 48.410 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:139 Resp: 106895
Ion Ratio Lower Upper
139 100
109 88.1 69.3 109.3
65 125.2 105.3 145.3





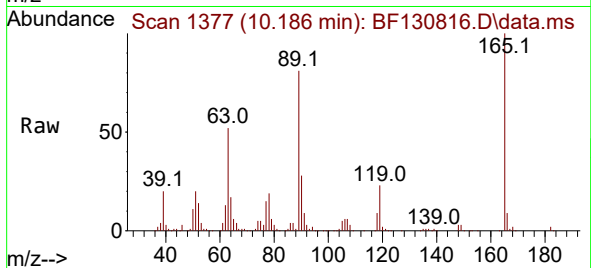
#57
2,4-Dinitrotoluene
Concen: 45.230 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

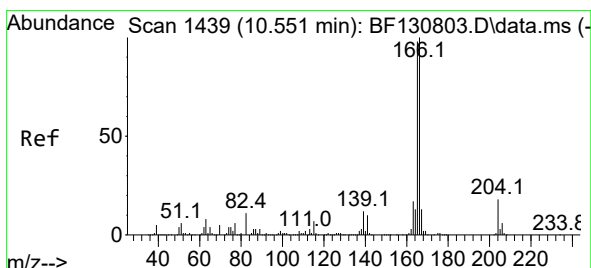
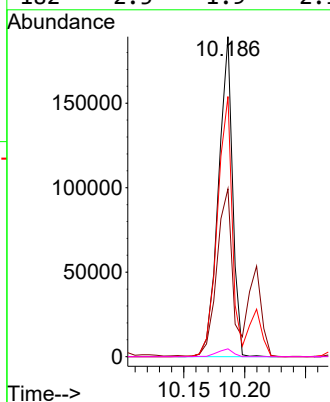
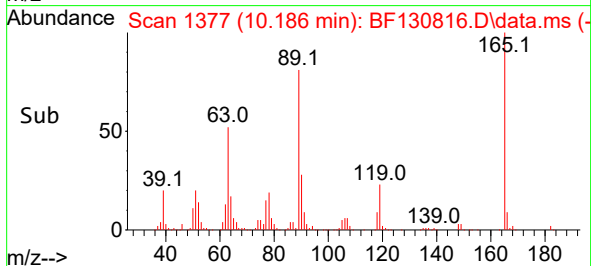


Tgt Ion:165 Resp: 153879
Ion Ratio Lower Upper
165 100
63 52.5 39.8 59.6
89 81.3 61.9 92.9
182 2.5 1.9 2.9

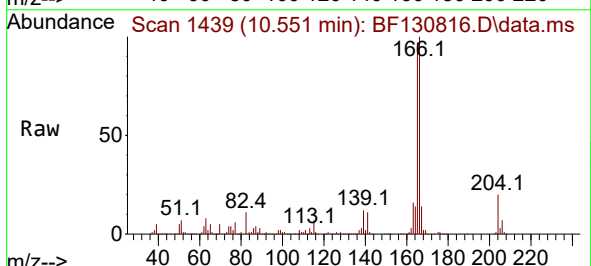
Manual Integrations

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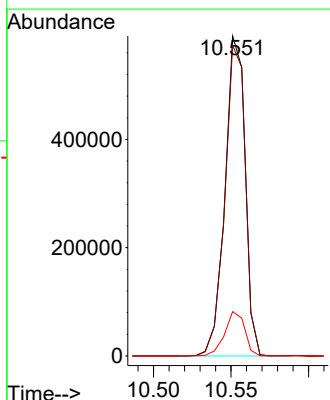
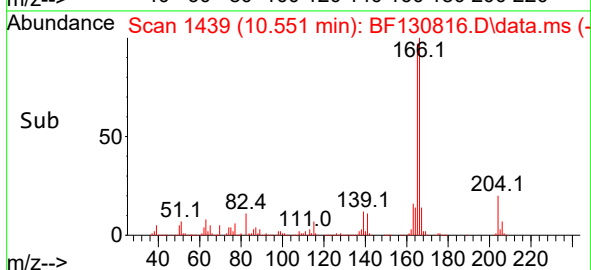
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

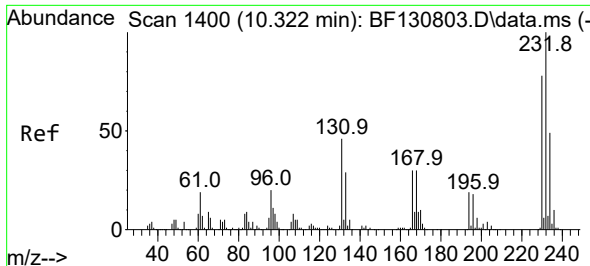


#58
Fluorene
Concen: 40.233 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



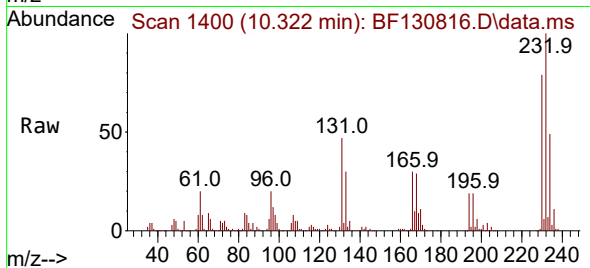
Tgt Ion:166 Resp: 534343
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.8 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.096 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

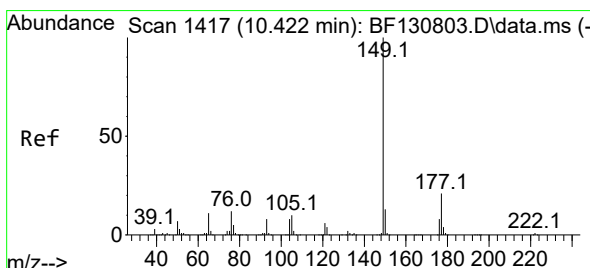
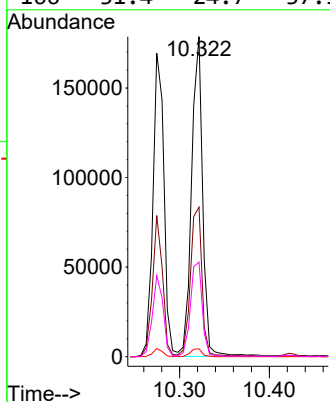
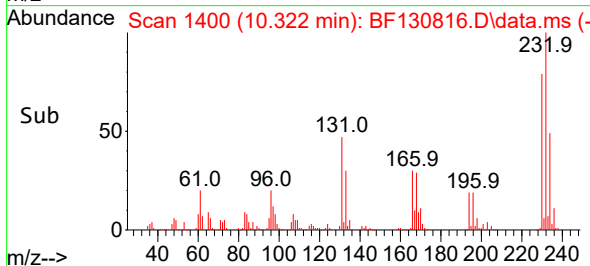
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



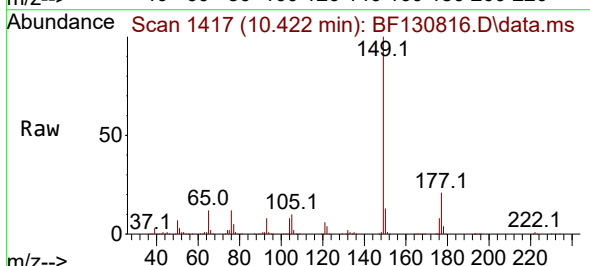
Tgt Ion:232 Resp: 152309
Ion Ratio Lower Upper
232 100
131 48.4 39.6 59.4
130 2.7 2.1 3.1
166 31.4 24.7 37.1

Manual Integrations
APPROVED

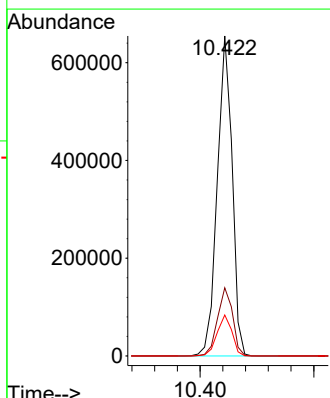
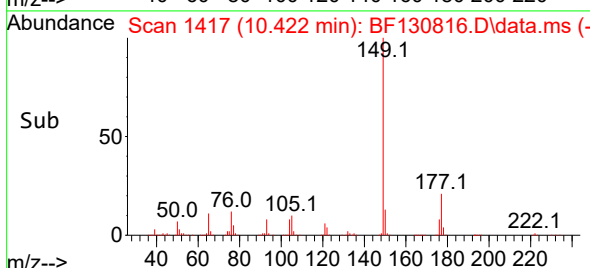
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

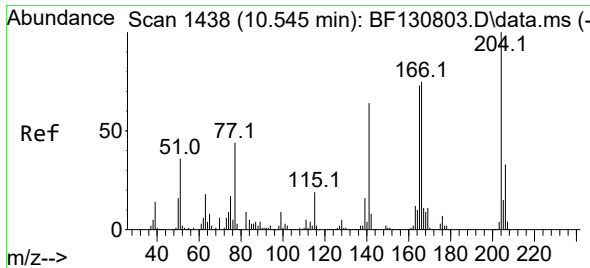


#60
Diethylphthalate
Concen: 42.312 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



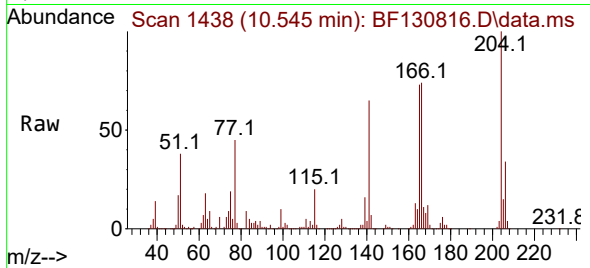
Tgt Ion:149 Resp: 595788
Ion Ratio Lower Upper
149 100
177 21.3 17.2 25.8
150 12.8 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 40.283 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

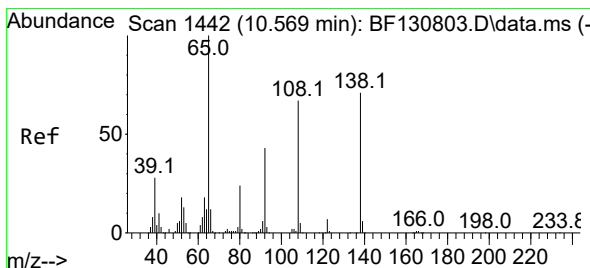
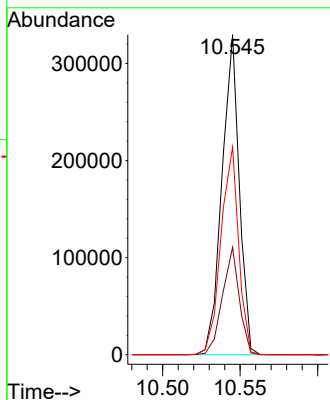
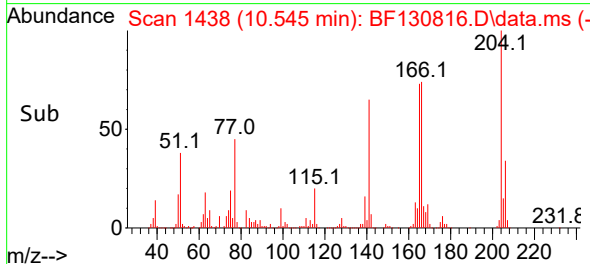
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



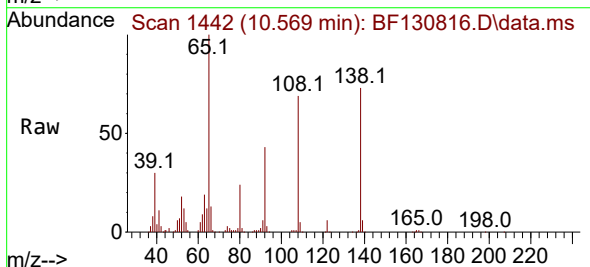
Tgt Ion:204 Resp: 255938
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 64.9 51.3 76.9

Manual Integrations
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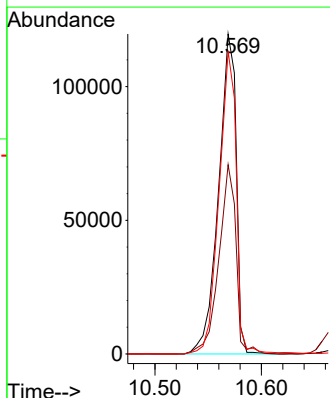
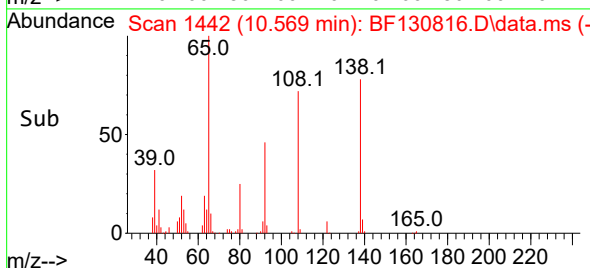
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

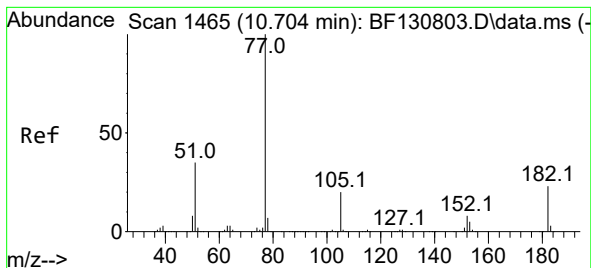


#62
4-Nitroaniline
Concen: 48.623 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



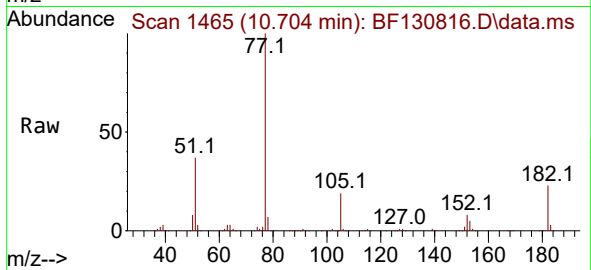
Tgt Ion:138 Resp: 137304
Ion Ratio Lower Upper
138 100
92 59.1 40.6 80.6
108 94.6 74.7 114.7





#63
Azobenzene
Concen: 41.257 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

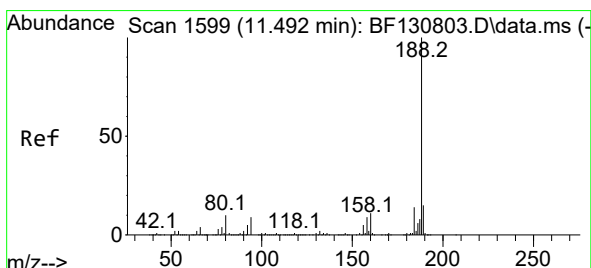
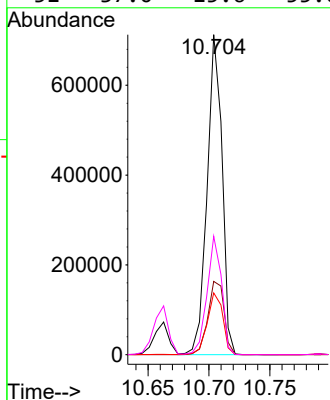
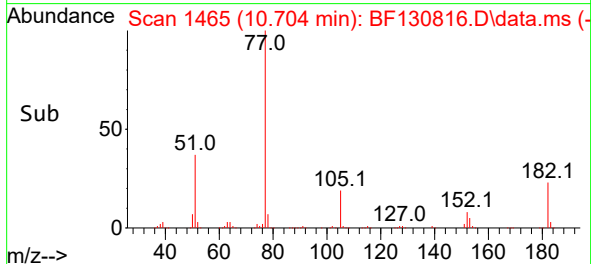
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



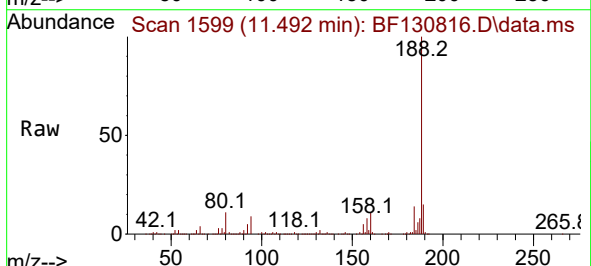
Tgt Ion: 77 Resp: 606429
Ion Ratio Lower Upper
77 100
182 22.9 2.6 42.6
105 19.3 0.0 40.0
51 37.0 15.6 55.6

Manual Integrations
APPROVED

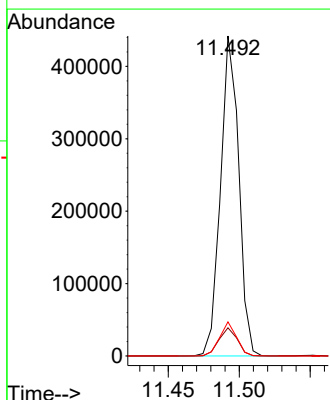
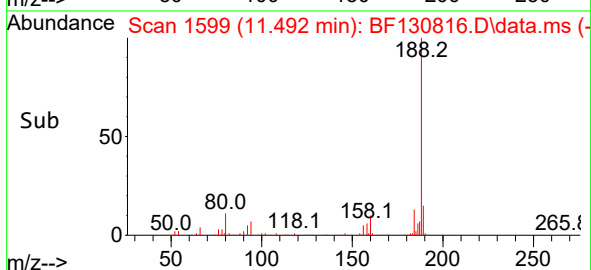
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

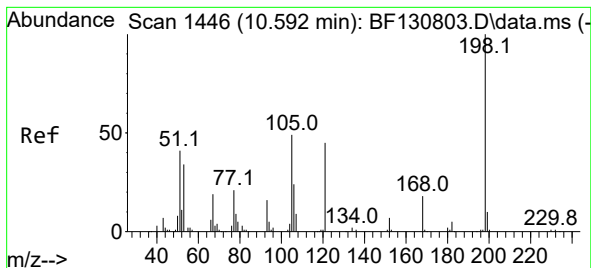


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:188 Resp: 394205
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 10.7 8.0 12.0





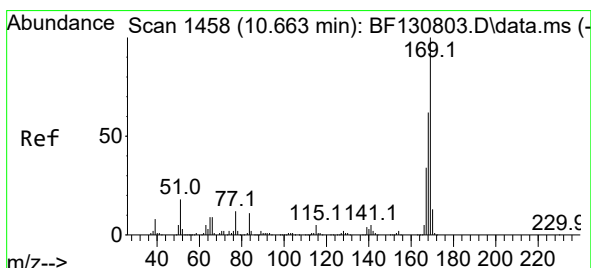
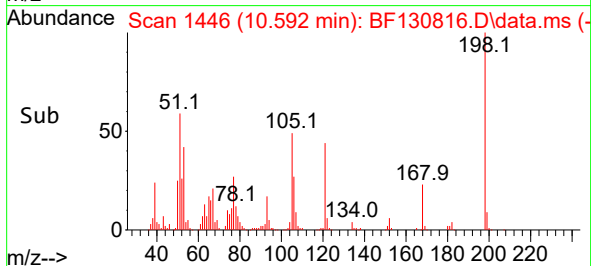
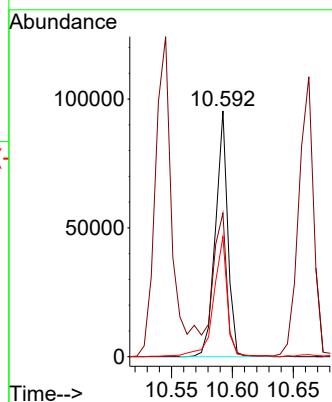
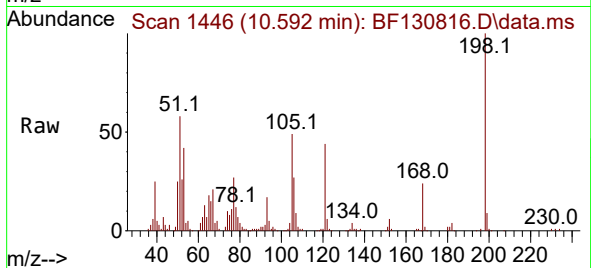
#65
4,6-Dinitro-2-methylphenol
Concen: 42.076 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 67389
Ion Ratio Lower Upper
198 100
51 58.4 39.0 79.0
105 48.9 30.6 70.6

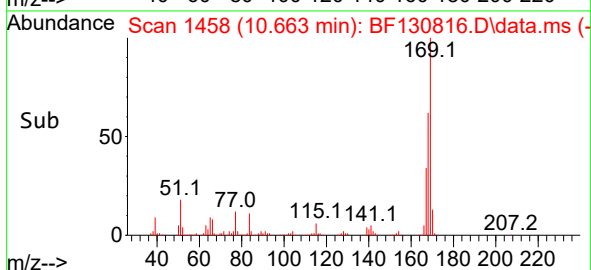
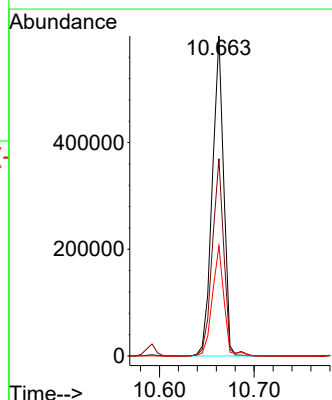
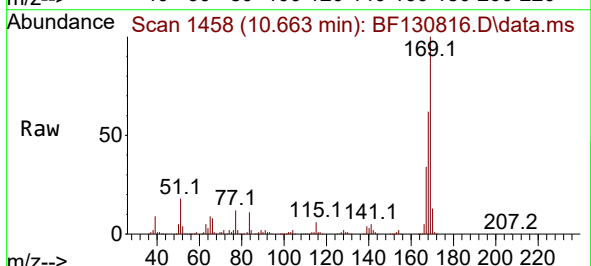
Manual Integrations
APPROVED

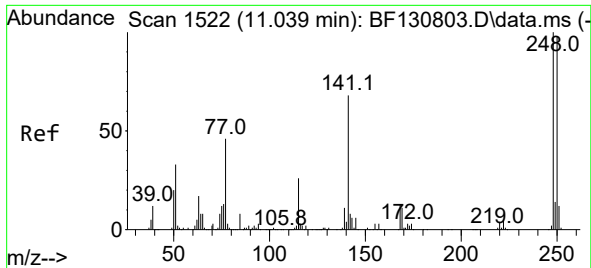
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#66
n-Nitrosodiphenylamine
Concen: 40.629 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

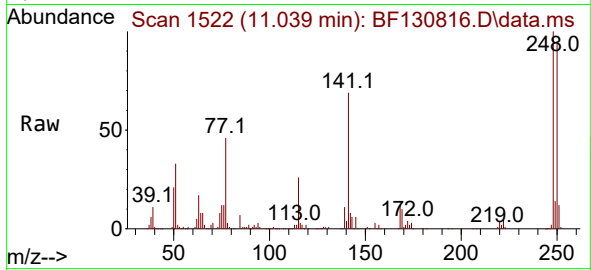
Tgt Ion:169 Resp: 499575
Ion Ratio Lower Upper
169 100
168 61.7 49.4 74.0
167 34.4 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 42.063 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

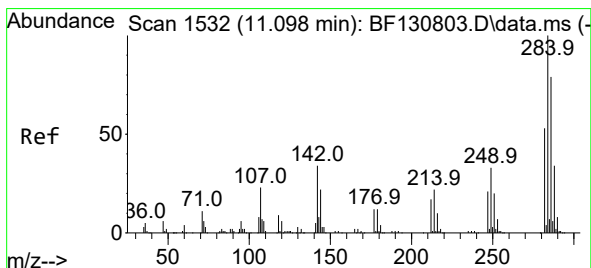
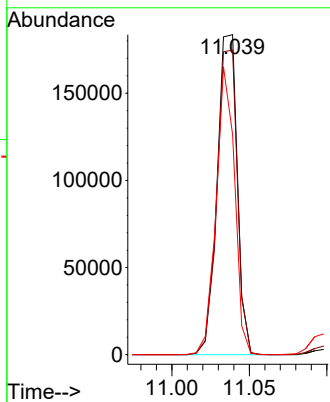
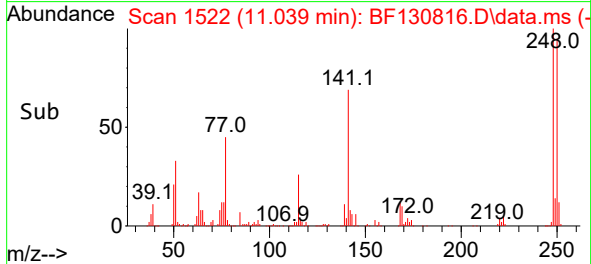
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



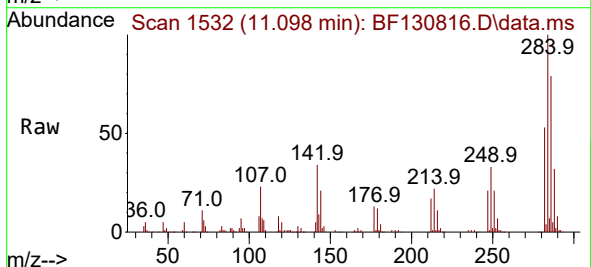
Tgt Ion:248 Resp: 166752
Ion Ratio Lower Upper
248 100
250 95.2 78.6 117.8
141 68.8 54.2 81.4

Manual Integrations
APPROVED

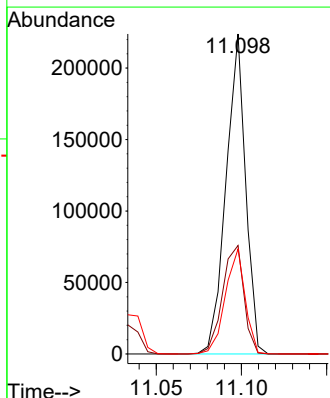
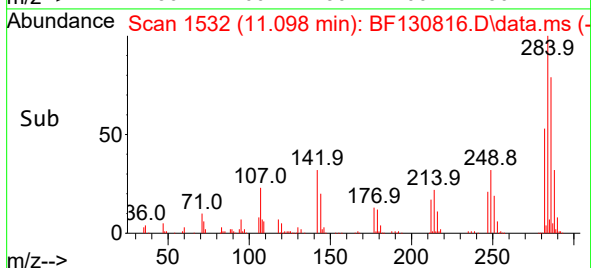
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

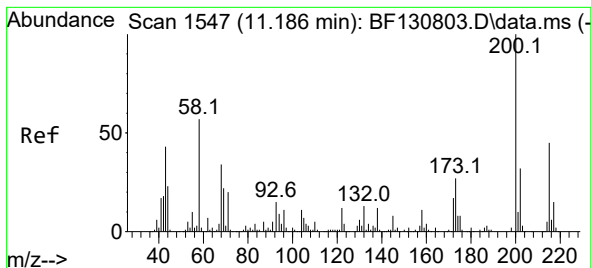


#68
Hexachlorobenzene
Concen: 41.044 ng
RT: 11.098 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:284 Resp: 179274
Ion Ratio Lower Upper
284 100
142 33.9 27.1 40.7
249 32.8 26.6 39.8





#69

Atrazine

Concen: 42.817 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BF130816.D

Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

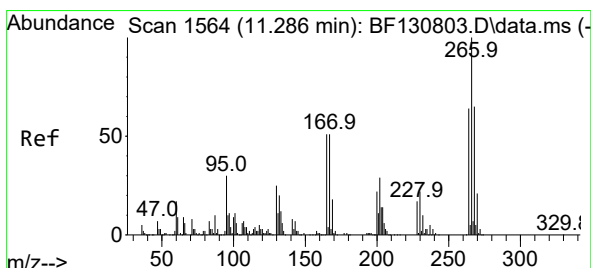
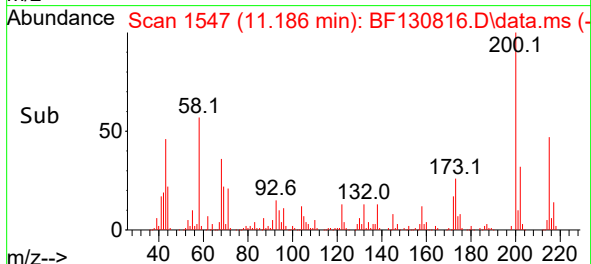
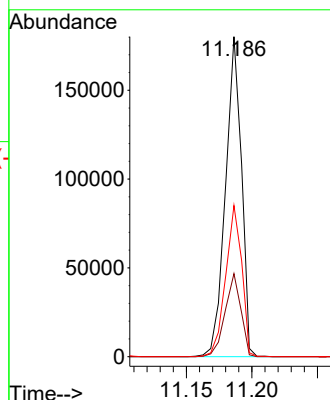
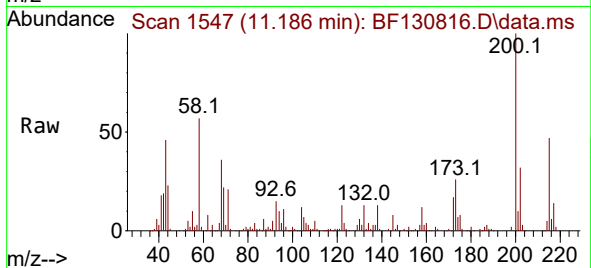
Tgt Ion:200 Resp: 15204
 Ion Ratio Lower Upper
 200 100
 173 26.0 7.1 47.1
 215 47.3 25.4 65.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 10/31/2022



#70

Pentachlorophenol

Concen: 45.861 ng

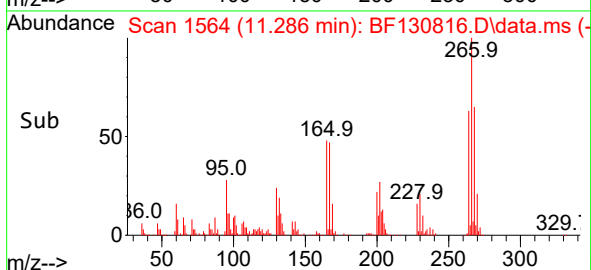
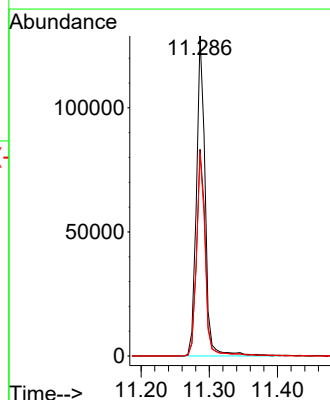
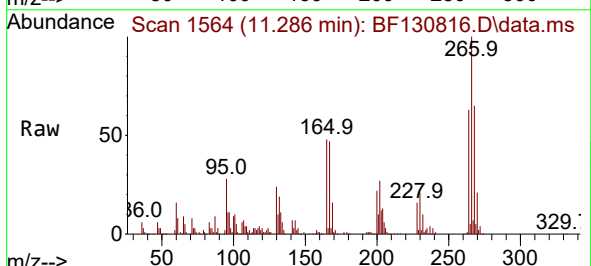
RT: 11.286 min Scan# 1564

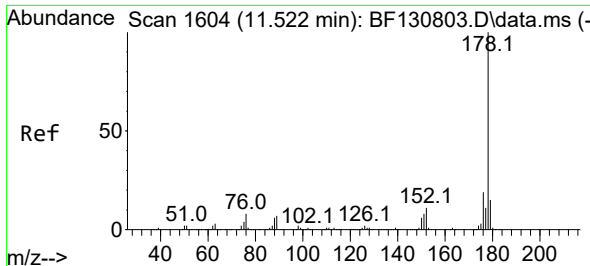
Delta R.T. -0.000 min

Lab File: BF130816.D

Acq: 28 Oct 2022 09:10

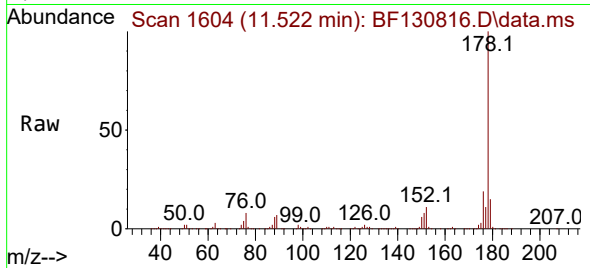
Tgt Ion:266 Resp: 114305
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.8 77.6
 264 63.3 51.6 77.4





#71
Phenanthrene
Concen: 40.582 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

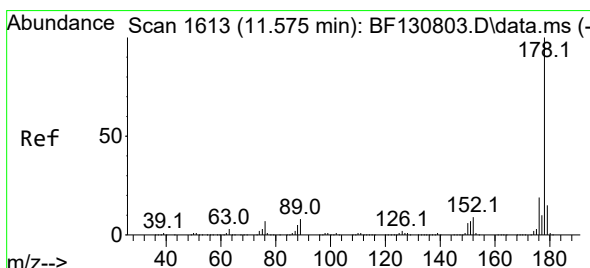
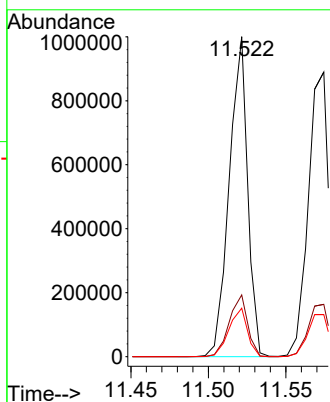
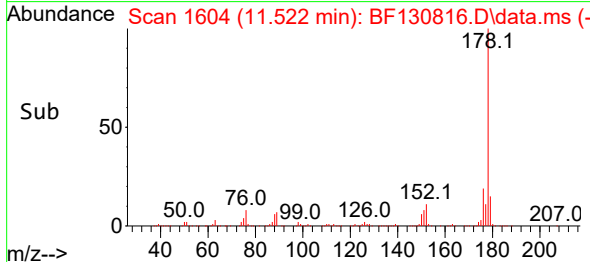
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 825692
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.2 12.2 18.2

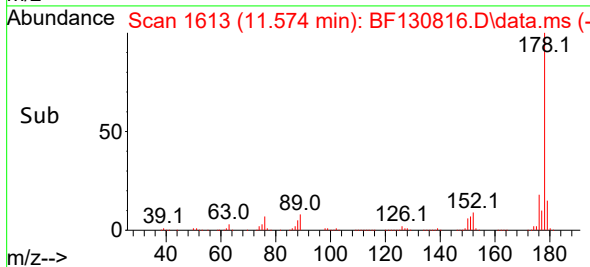
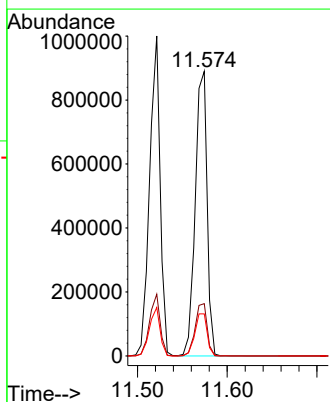
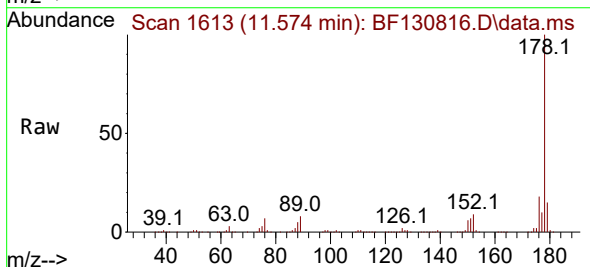
Manual Integrations
APPROVED

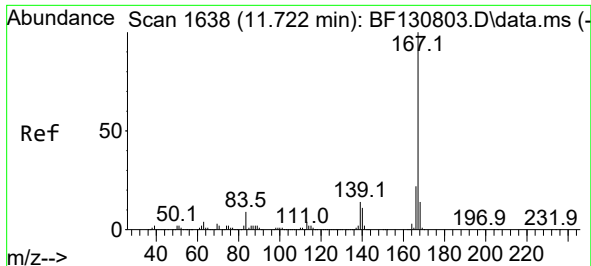
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#72
Anthracene
Concen: 40.679 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

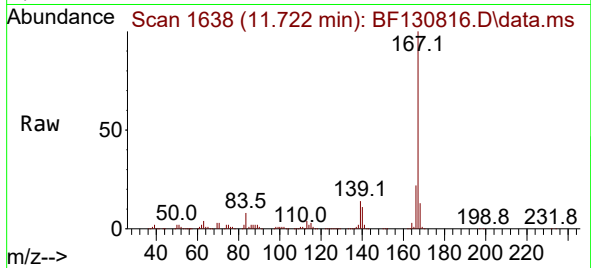
Tgt Ion:178 Resp: 816350
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 14.8 12.2 18.4





#73
 Carbazole
 Concen: 40.712 ng
 RT: 11.722 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BF130816.D
 Acq: 28 Oct 2022 09:10

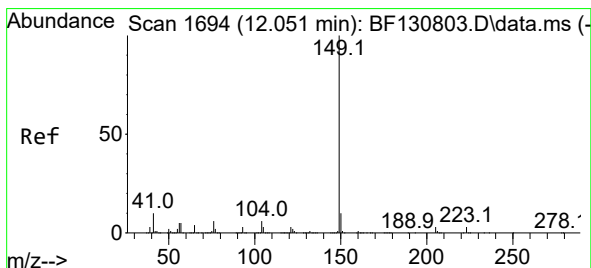
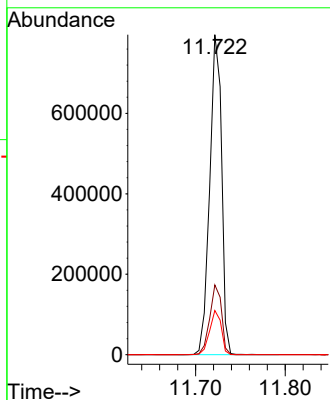
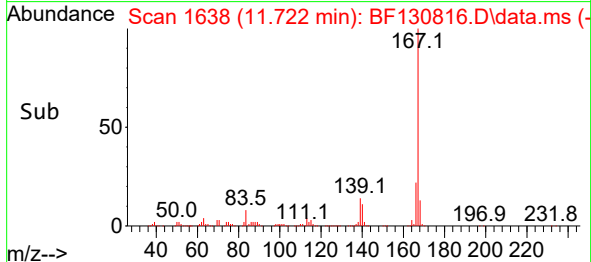
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



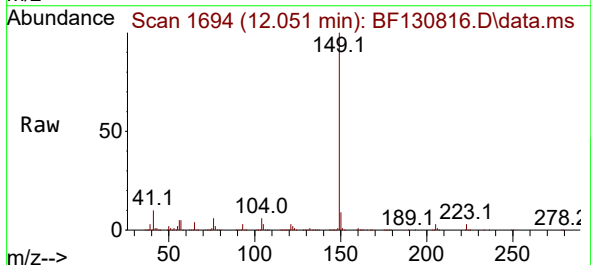
Tgt Ion:167 Resp: 731659
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.8 11.3 16.9

Manual Integrations
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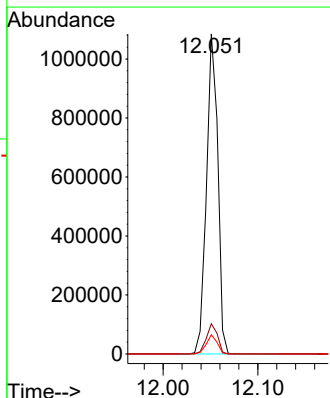
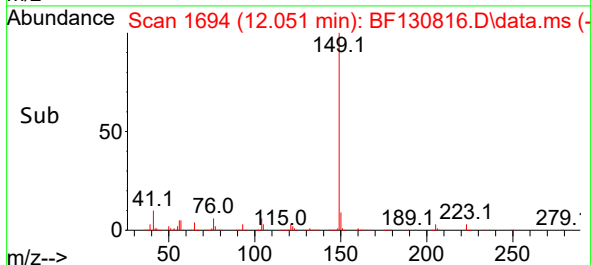
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 10/31/2022

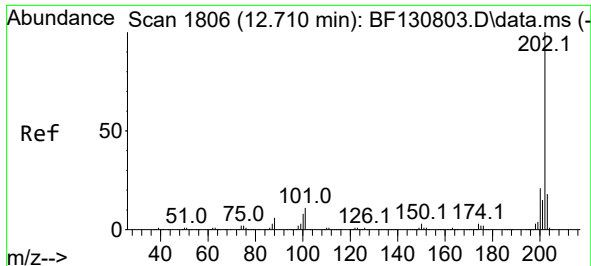


#74
 Di-n-butylphthalate
 Concen: 41.042 ng
 RT: 12.051 min Scan# 1694
 Delta R.T. -0.000 min
 Lab File: BF130816.D
 Acq: 28 Oct 2022 09:10



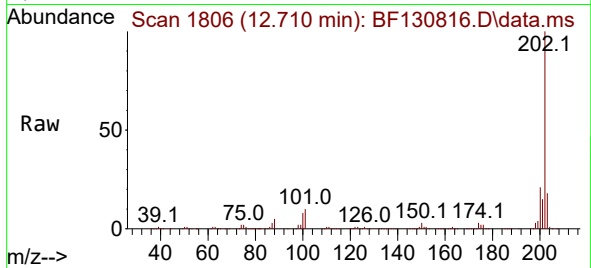
Tgt Ion:149 Resp: 895794
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 6.0 4.6 6.8





#75
Fluoranthene
Concen: 41.618 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

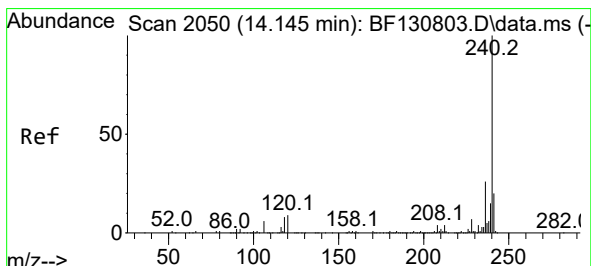
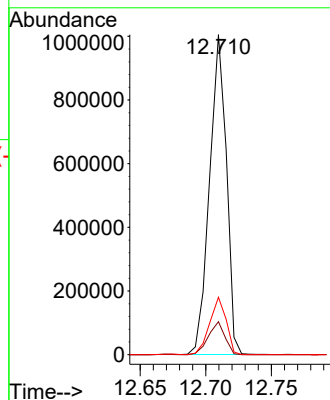
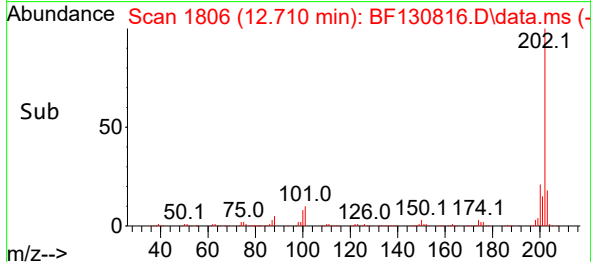
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



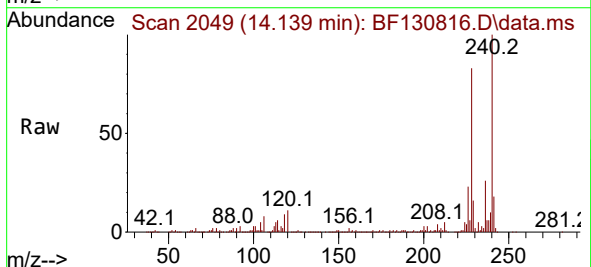
Tgt Ion:202 Resp: 899689
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.9
203 18.0 0.0 37.7

Manual Integrations
APPROVED

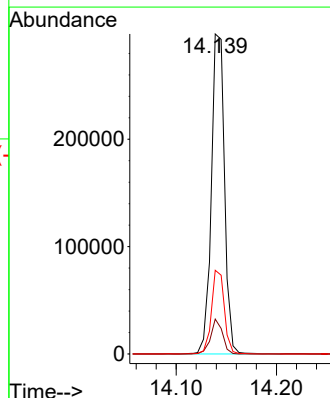
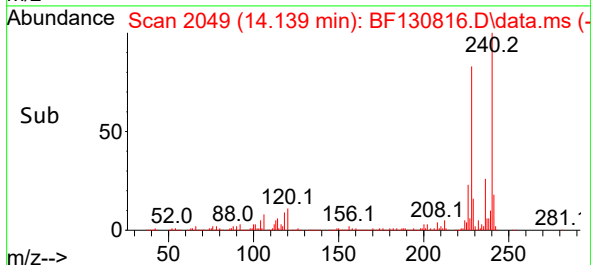
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

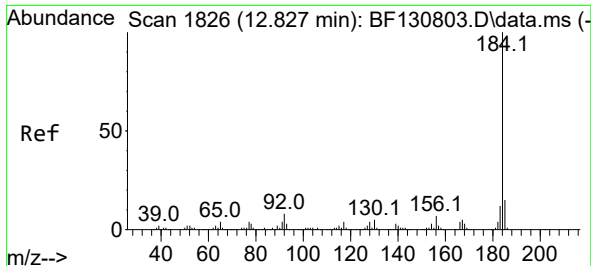


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



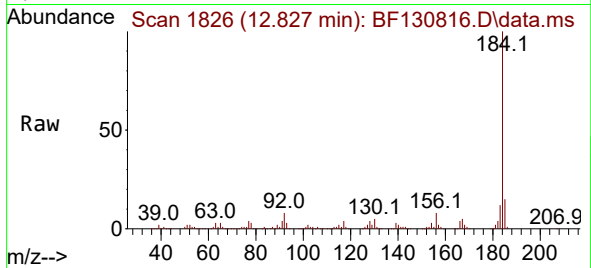
Tgt Ion:240 Resp: 272953
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.4#
236 26.1 20.5 30.7





#77
Benzidine
Concen: 42.423 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

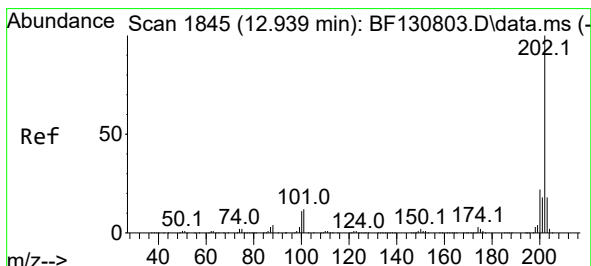
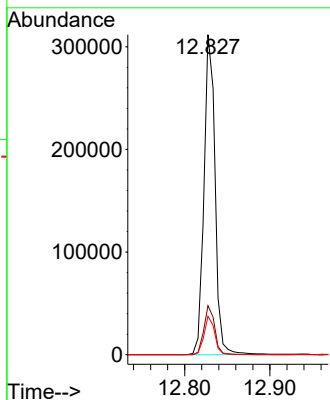
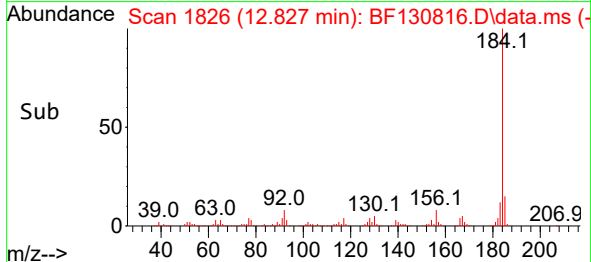
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



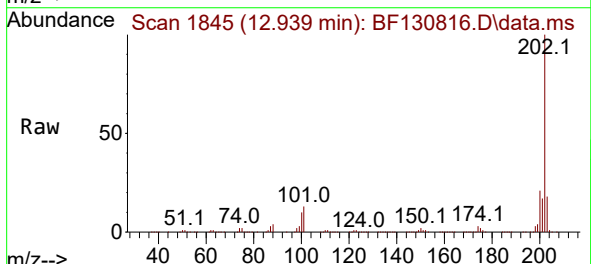
Tgt Ion:184 Resp: 28109
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 12.0 9.7 14.5

Manual Integrations
APPROVED

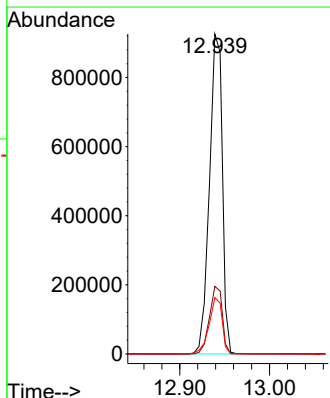
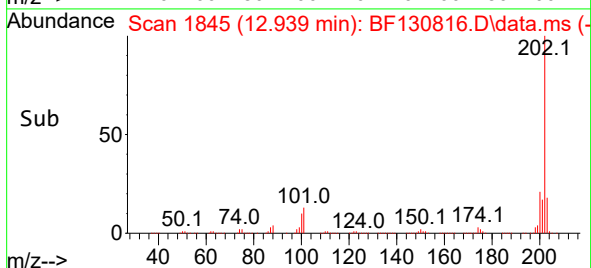
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

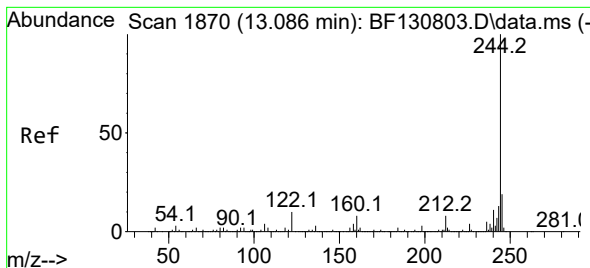


#78
Pyrene
Concen: 40.102 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:202 Resp: 923493
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.6 14.5 21.7





#79

Terphenyl-d14

Concen: 79.439 ng

RT: 13.086 min Scan# 1183279

Delta R.T. 0.000 min

Lab File: BF130816.D

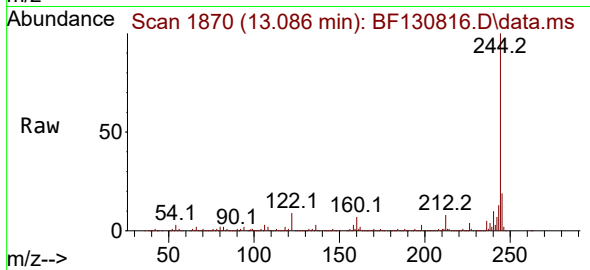
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 1183279

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

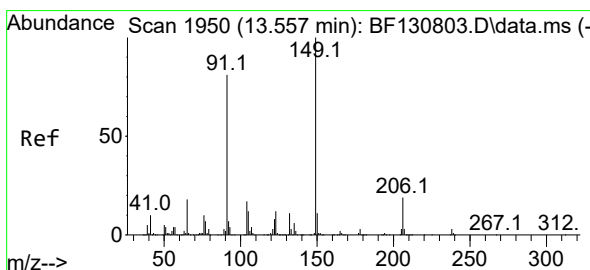
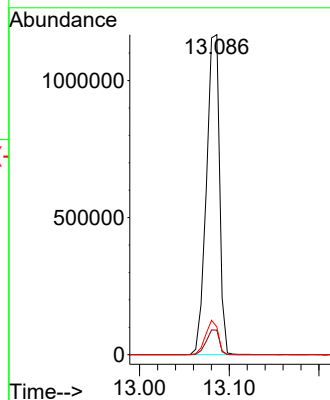
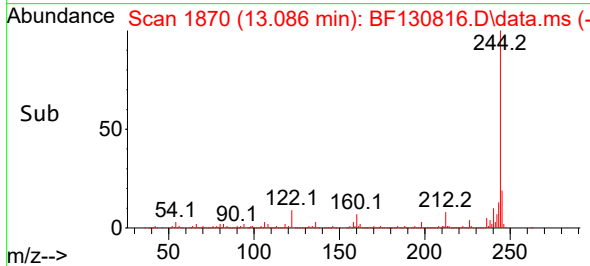
122 8.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 10/31/2022



#80

Butylbenzylphthalate

Concen: 43.256 ng

RT: 13.557 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BF130816.D

Acq: 28 Oct 2022 09:10

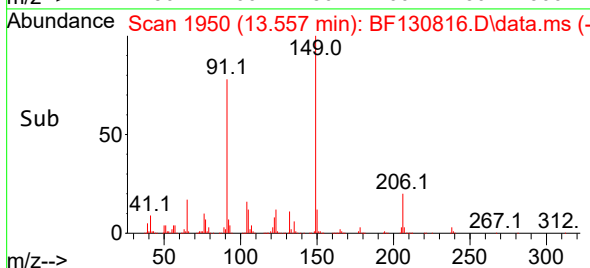
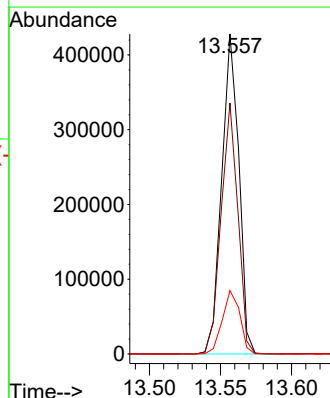
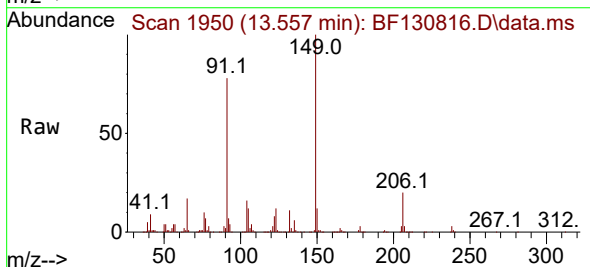
Tgt Ion:149 Resp: 358377

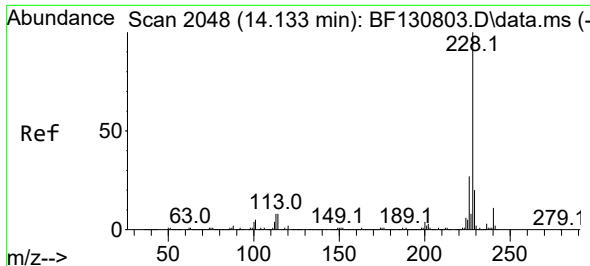
Ion Ratio Lower Upper

149 100

91 78.4 64.5 96.7

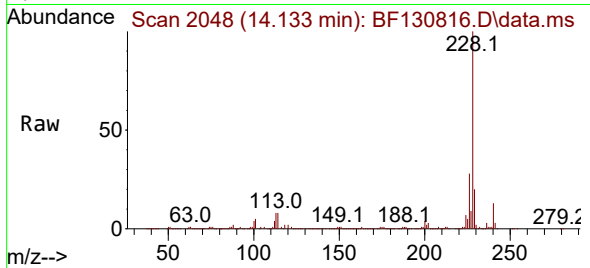
206 19.8 15.3 22.9





#81
Benzo(a)anthracene
Concen: 40.508 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

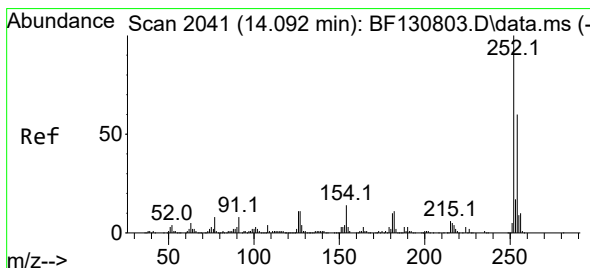
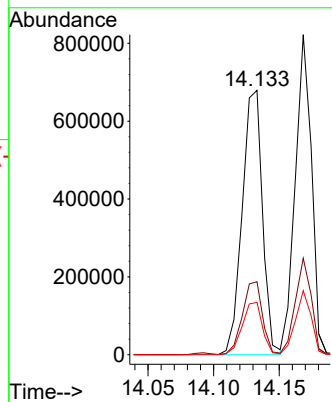
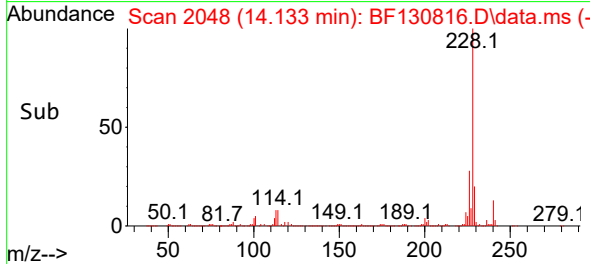
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



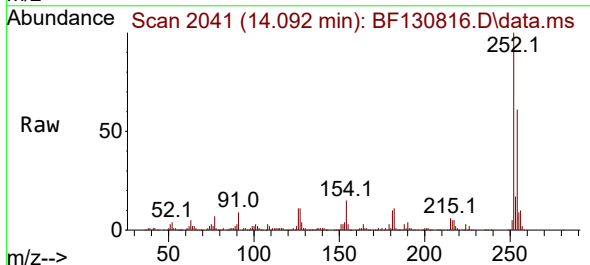
Tgt Ion:228 Resp: 733060
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.2
229 19.8 15.8 23.6

Manual Integrations
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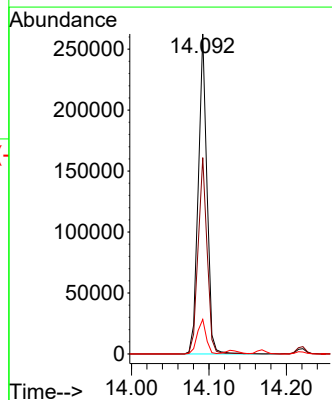
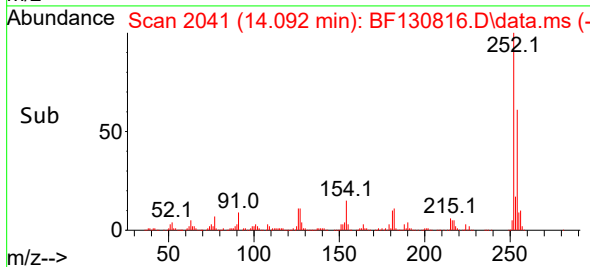
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

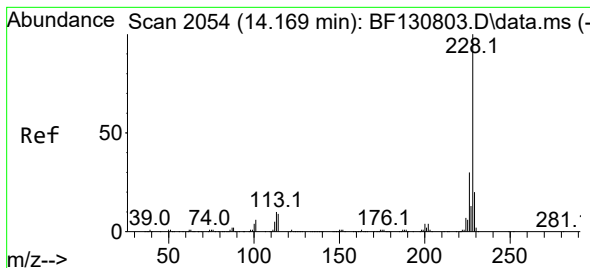


#82
3,3'-Dichlorobenzidine
Concen: 41.925 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:252 Resp: 204773
Ion Ratio Lower Upper
252 100
254 61.4 47.8 71.6
126 10.8 9.0 13.6





#83

Chrysene

Concen: 40.487 ng

RT: 14.168 min Scan# 2054

Delta R.T. -0.000 min

Lab File: BF130816.D

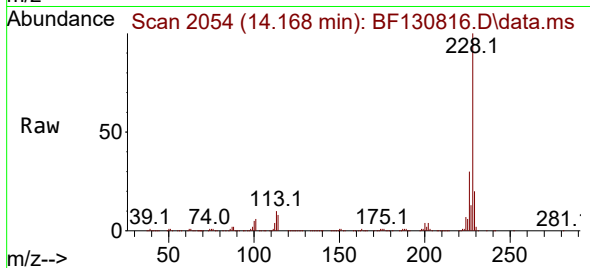
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 706730

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

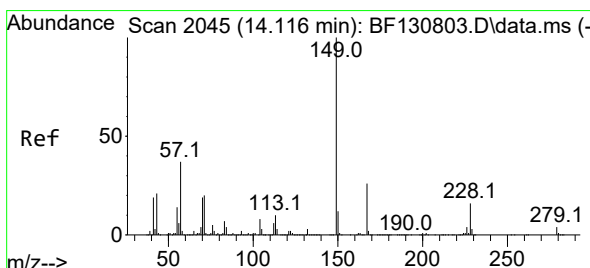
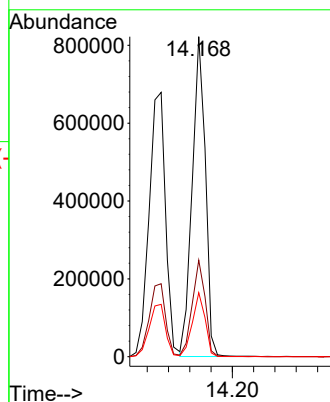
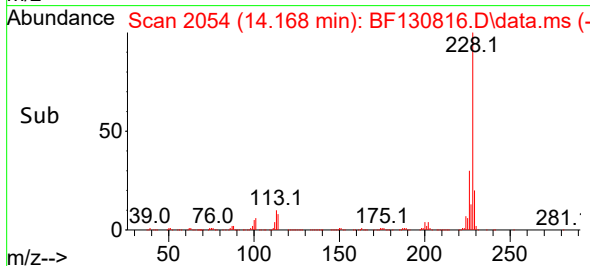
229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 10/31/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.566 ng

RT: 14.115 min Scan# 2045

Delta R.T. -0.000 min

Lab File: BF130816.D

Acq: 28 Oct 2022 09:10

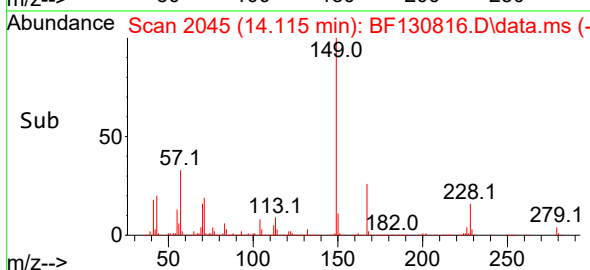
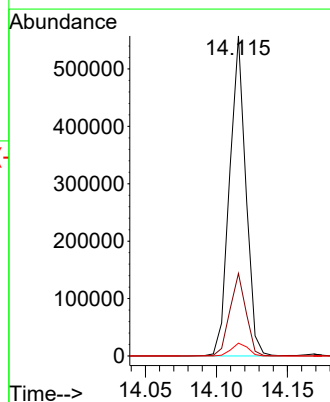
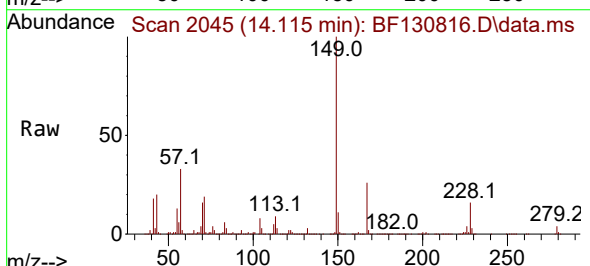
Tgt Ion:149 Resp: 443947

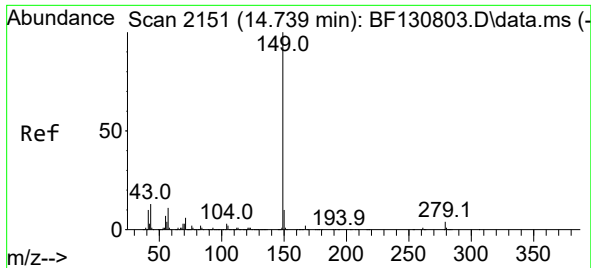
Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

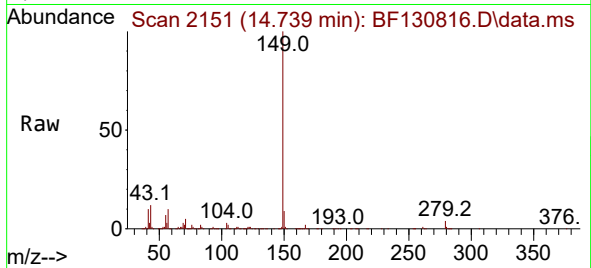
279 4.0 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 44.741 ng
RT: 14.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

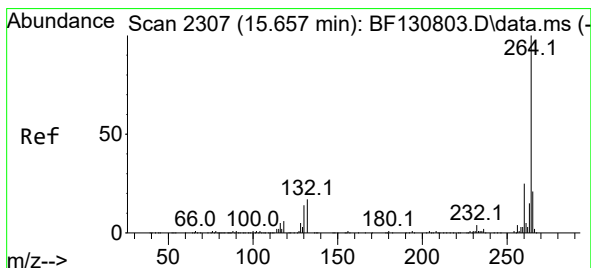
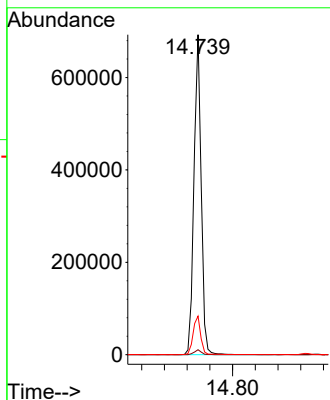
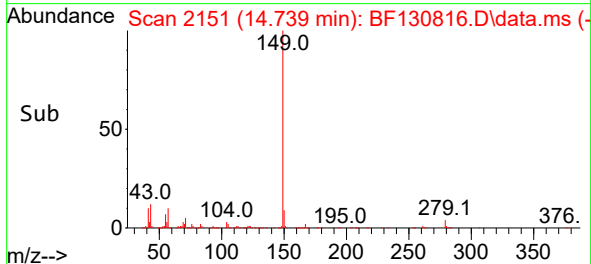
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 61511
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.6 10.2 15.2

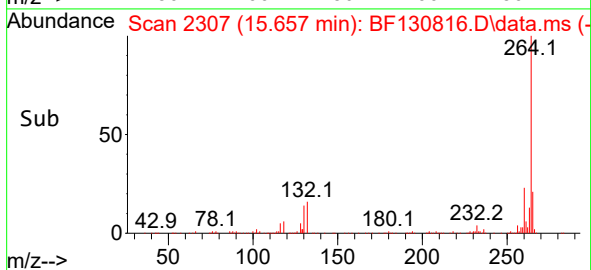
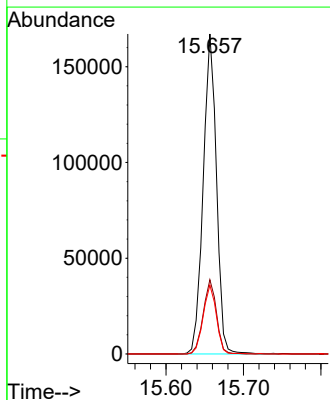
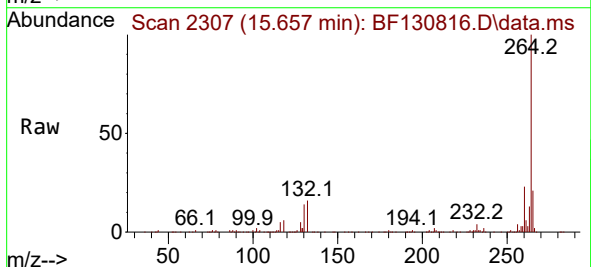
Manual Integrations
APPROVED

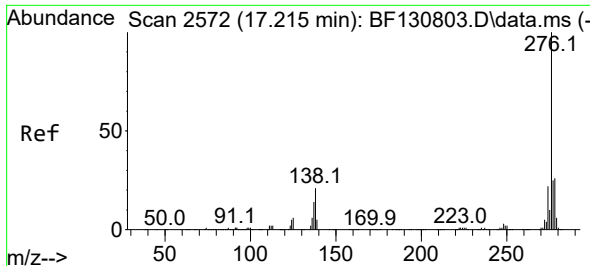
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

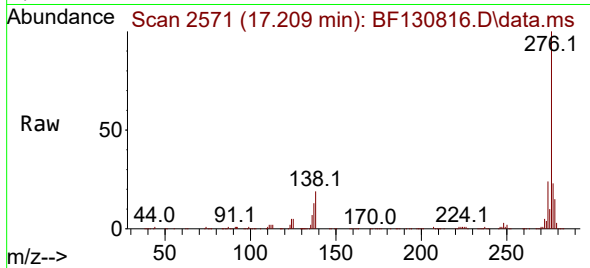
Tgt Ion:264 Resp: 198425
Ion Ratio Lower Upper
264 100
260 23.2 19.9 29.9
265 21.5 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.394 ng
RT: 17.209 min Scan# 2572
Delta R.T. -0.006 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

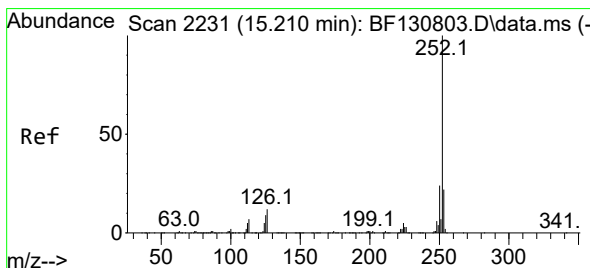
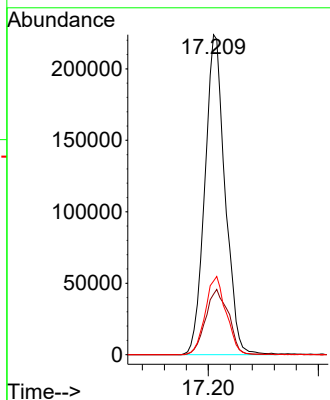
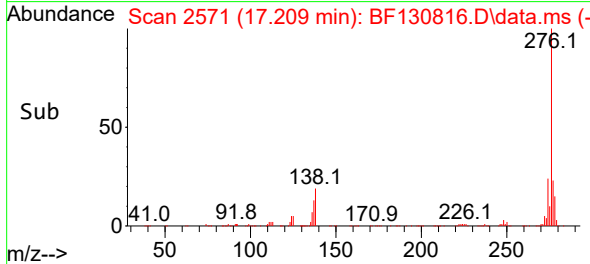
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



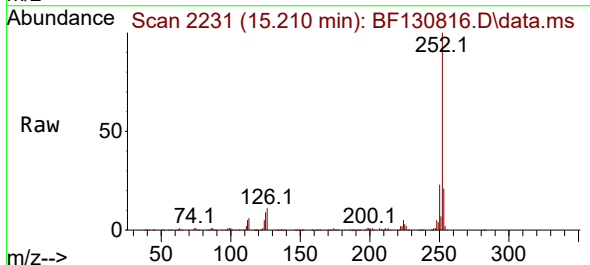
Tgt Ion:276 Resp: 571800
Ion Ratio Lower Upper
276 100
138 23.2 19.1 28.7
277 25.2 20.1 30.1

Manual Integrations
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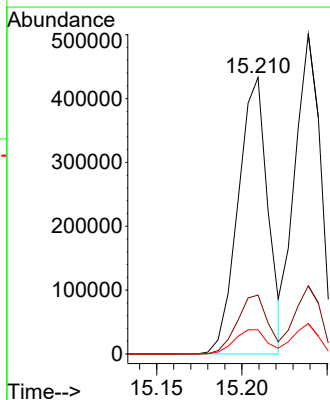
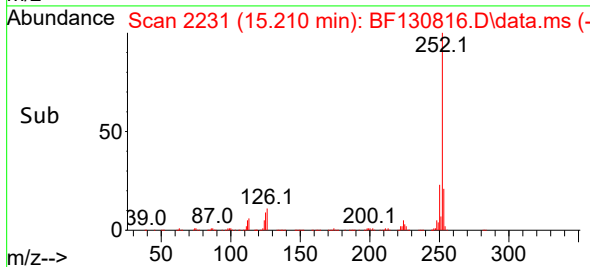
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

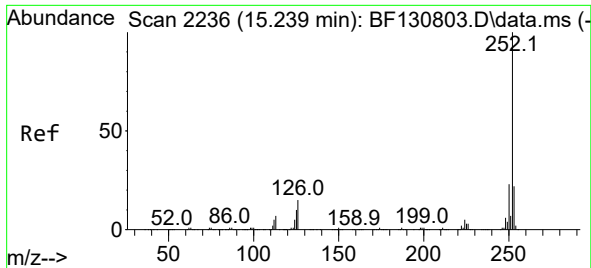


#88
Benzo(b)fluoranthene
Concen: 41.138 ng
RT: 15.210 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



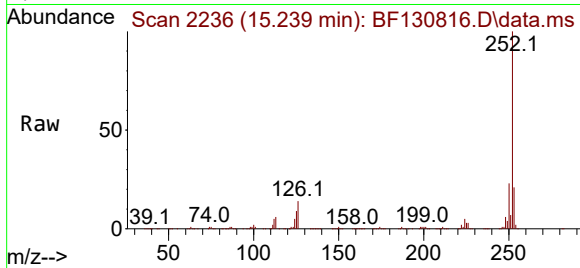
Tgt Ion:252 Resp: 527663
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.7 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 42.473 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

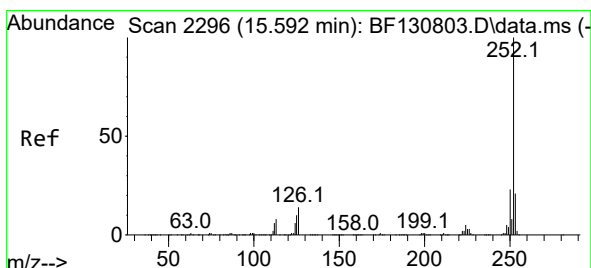
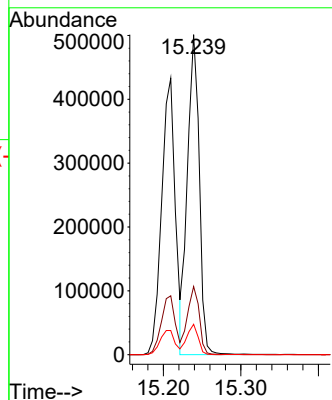
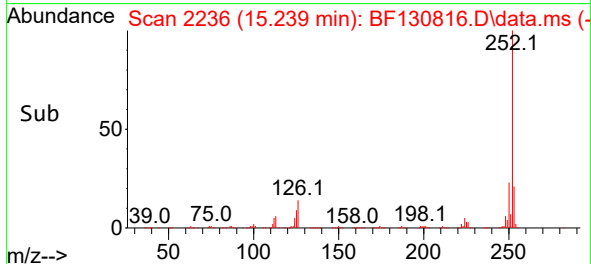
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



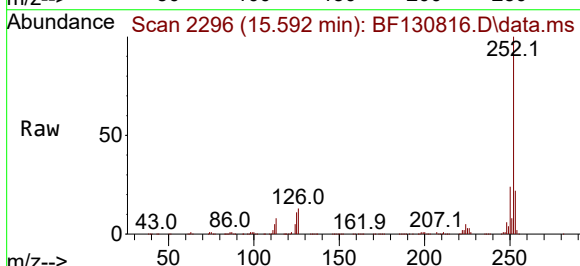
Tgt Ion:252 Resp: 53086
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 9.5 8.0 12.0

Manual Integrations
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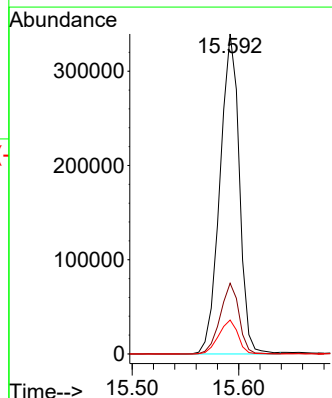
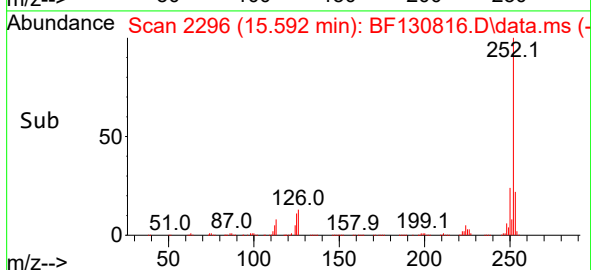
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022

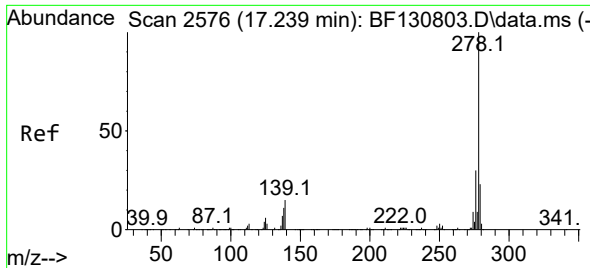


#90
Benzo(a)pyrene
Concen: 41.547 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10



Tgt Ion:252 Resp: 428403
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 10.6 8.3 12.5





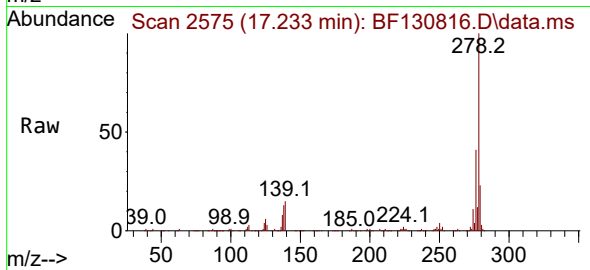
#91
Dibenzo(a,h)anthracene
Concen: 43.302 ng
RT: 17.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

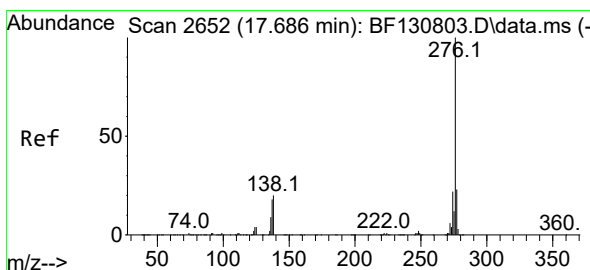
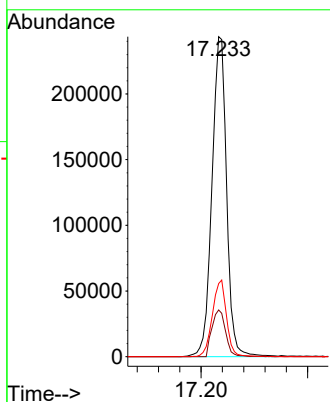
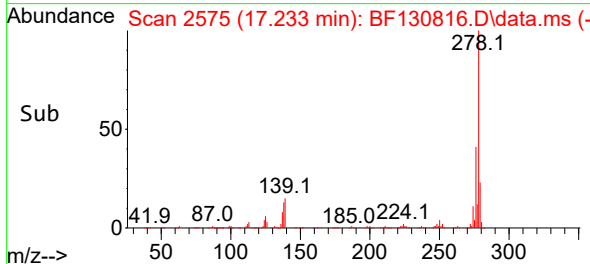


Tgt Ion:278 Resp: 46514
Ion Ratio Lower Upper
278 100
139 14.6 11.9 17.9
279 22.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 10/31/2022



#92
Benzo(g,h,i)perylene
Concen: 43.811 ng
RT: 17.686 min Scan# 2652
Delta R.T. -0.000 min
Lab File: BF130816.D
Acq: 28 Oct 2022 09:10

Tgt Ion:276 Resp: 480120
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 20.5 16.3 24.5

