

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131046.D
 Acq On : 07 Nov 2022 16:24
 Operator : CG\JU
 Sample : PB148686BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/08/2022
 Supervised By : Jagrut Upadhyay 11/08/2022

Quant Time: Nov 08 02:16:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	108780	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	478874	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	267924	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	498626	20.000	ng	0.00
76) Chrysene-d12	14.092	240	250318	20.000	ng	0.00
86) Perylene-d12	15.586	264	182097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	814307	120.709	ng	0.01
7) Phenol-d6	6.534	99	1033274	125.489	ng	0.00
23) Nitrobenzene-d5	7.469	82	697098	67.476	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	353610	119.877	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1360959	69.227	ng	0.00
79) Terphenyl-d14	13.033	244	1409371	90.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	105612	32.930	ng	99
3) Pyridine	3.528	79	269717	30.254	ng	98
4) n-Nitrosodimethylamine	3.493	42	197914	39.479	ng	99
6) Aniline	6.563	93	380220	37.130	ng	99
8) 2-Chlorophenol	6.687	128	326056	43.448	ng	99
9) Benzaldehyde	6.451	77	55944	11.762	ng	97
10) Phenol	6.545	94	404578	41.930	ng	92
11) bis(2-Chloroethyl)ether	6.640	93	309059	44.157	ng	99
12) 1,3-Dichlorobenzene	6.840	146	336608	40.757	ng	99
13) 1,4-Dichlorobenzene	6.916	146	341038	39.652	ng	96
14) 1,2-Dichlorobenzene	7.069	146	328155	39.035	ng	97
15) Benzyl Alcohol	7.045	79	295268	41.054	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	539120	44.293	ng	99
17) 2-Methylphenol	7.157	107	260674	41.517	ng	98
18) Hexachloroethane	7.410	117	132968	40.808	ng	94
19) n-Nitroso-di-n-propyla...	7.316	70	239068	40.741	ng	99
20) 3+4-Methylphenols	7.310	107	317217	39.067	ng	# 75
22) Acetophenone	7.316	105	453225	35.549	ng	99
24) Nitrobenzene	7.487	77	367934	34.724	ng	99
25) Isophorone	7.728	82	672606	37.984	ng	99
26) 2-Nitrophenol	7.804	139	172980	38.333	ng	99
27) 2,4-Dimethylphenol	7.840	122	297115	42.613	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	401052	41.009	ng	99
29) 2,4-Dichlorophenol	8.045	162	285542	38.024	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	298805	36.492	ng	100
31) Naphthalene	8.210	128	1003100	38.328	ng	100
32) Benzoic acid	7.975	122	199097	41.917	ng	92
33) 4-Chloroaniline	8.257	127	359145	35.092	ng	97
34) Hexachlorobutadiene	8.322	225	209644	39.219	ng	100
35) Caprolactam	8.645	113	93156m	40.432	ng	
36) 4-Chloro-3-methylphenol	8.745	107	344928	42.558	ng	99
37) 2-Methylnaphthalene	8.904	142	649045	38.980	ng	99
38) 1-Methylnaphthalene	9.004	142	621983	39.121	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	335178	38.811	ng	98
41) Hexachlorocyclopentadiene	9.051	237	362382	91.033	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	231575	40.207	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	256422	39.704	ng	95
46) 1,1'-Biphenyl	9.369	154	824360	39.503	ng	99
47) 2-Chloronaphthalene	9.392	162	645258	38.139	ng	100
48) 2-Nitroaniline	9.492	65	242714	39.033	ng	97
49) Acenaphthylene	9.816	152	985387	37.901	ng	99
50) Dimethylphthalate	9.675	163	782221	37.778	ng	99
51) 2,6-Dinitrotoluene	9.739	165	176627	40.099	ng	# 84
52) Acenaphthene	9.986	154	589403	37.023	ng	100
53) 3-Nitroaniline	9.910	138	150498	31.657	ng	98
54) 2,4-Dinitrophenol	10.016	184	206575	93.136	ng	100
55) Dibenzofuran	10.157	168	888724	41.080	ng	99
56) 4-Nitrophenol	10.075	139	270775	80.697	ng	93
57) 2,4-Dinitrotoluene	10.145	165	234014	40.893	ng	97
58) Fluorene	10.504	166	708008	36.778	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	203063	38.594	ng	99
60) Diethylphthalate	10.375	149	778552	36.079	ng	98
61) 4-Chlorophenyl-phenylether	10.492	204	355188	37.251	ng	99
62) 4-Nitroaniline	10.533	138	180994	37.140	ng	98
63) Azobenzene	10.651	77	779506	37.165	ng	99
65) 4,6-Dinitro-2-methylphthalate	10.551	198	130500	41.245	ng	83
66) n-Nitrosodiphenylamine	10.616	169	661184	37.526	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	228108	36.410	ng	96
68) Hexachlorobenzene	11.045	284	251285	36.977	ng	98
69) Atrazine	11.139	200	206237	41.149	ng	98
70) Pentachlorophenol	11.245	266	258940	87.822	ng	95
71) Phenanthrene	11.469	178	1042046	37.102	ng	99
72) Anthracene	11.522	178	1050922	38.121	ng	100
73) Carbazole	11.675	167	924598	39.201	ng	99
74) Di-n-butylphthalate	11.998	149	1181581	37.401	ng	100
75) Fluoranthene	12.657	202	1085543	36.413	ng	100
77) Benzidine	12.780	184	331416	49.084	ng	99
78) Pyrene	12.892	202	991193	43.479	ng	99
80) Butylbenzylphthalate	13.504	149	395594	44.046	ng	100
81) Benzo(a)anthracene	14.080	228	710023	39.065	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	217984	44.135	ng	99
83) Chrysene	14.116	228	654576	37.924	ng	99
84) Bis(2-ethylhexyl)phthalate	14.057	149	456030	44.321	ng	98
85) Di-n-octyl phthalate	14.674	149	568996	38.805	ng	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	545550	36.592	ng	99
88) Benzo(b)fluoranthene	15.145	252	629418	47.564	ng	99
89) Benzo(k)fluoranthene	15.174	252	479856	37.219	ng	99
90) Benzo(a)pyrene	15.527	252	461395	43.856	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	478055	38.857	ng	99
92) Benzo(g,h,i)perylene	17.580	276	480655	38.392	ng	98

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

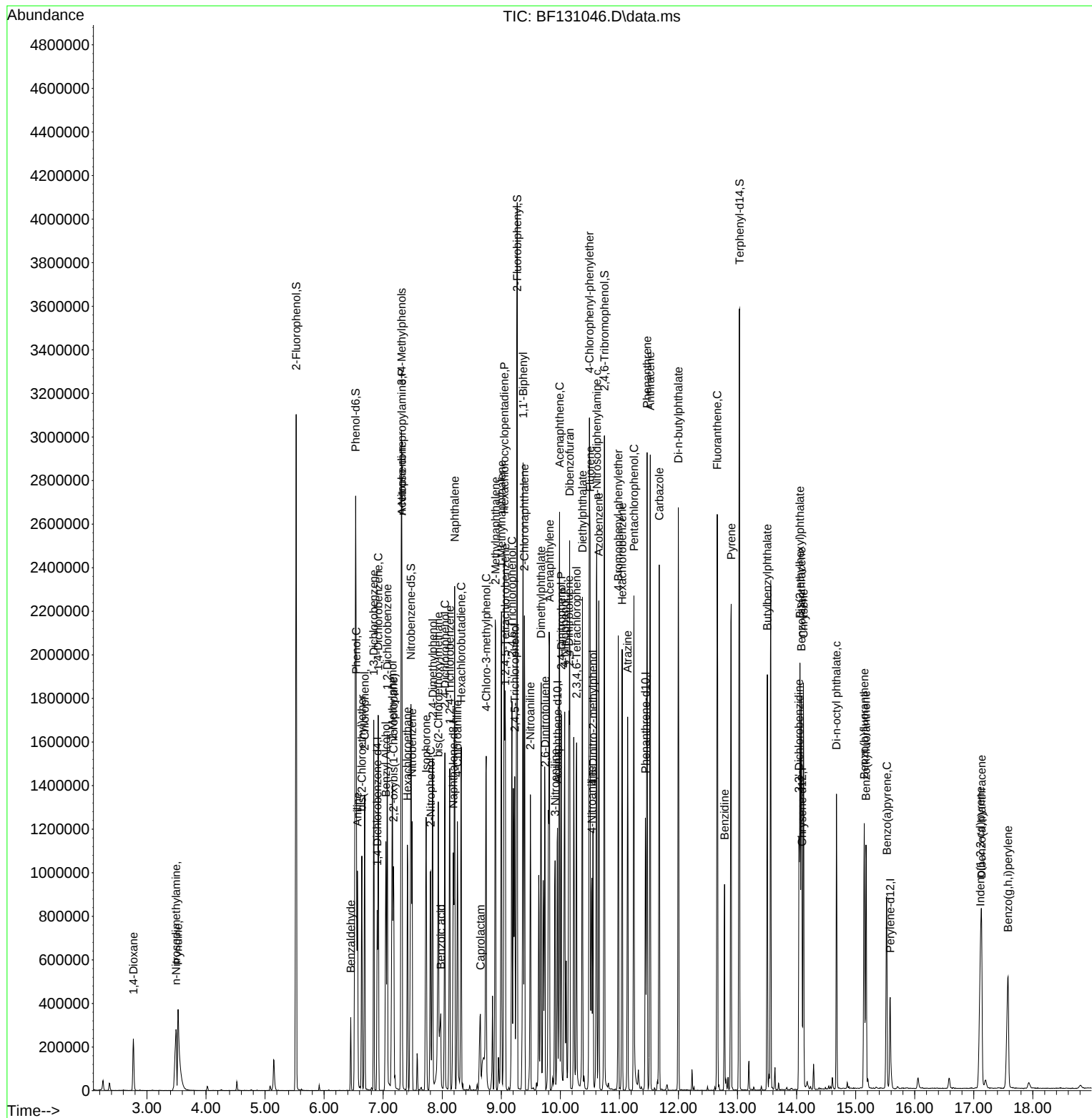
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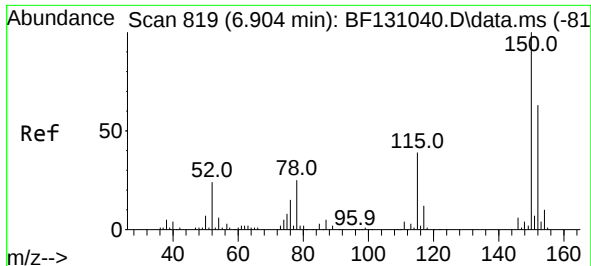
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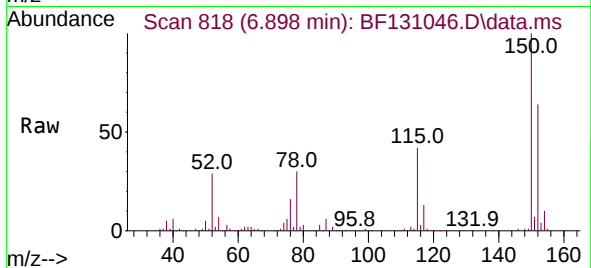
Reviewed By : Christian Giraldo 11/08/2022
Supervised By : Jagrut Upadhyay 11/08/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

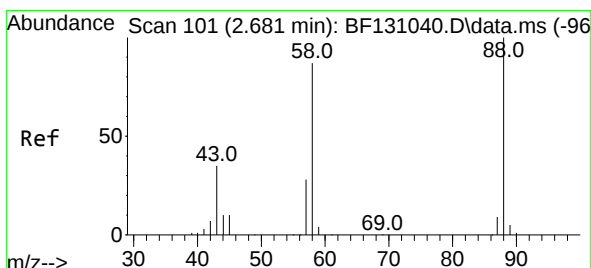
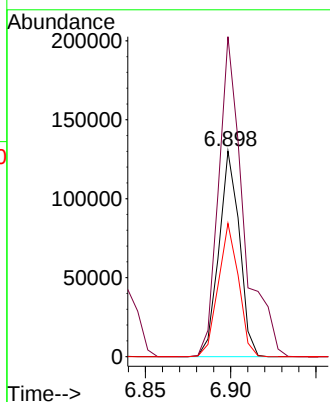
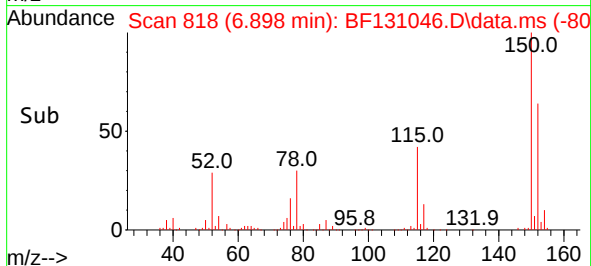
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS



Tgt Ion:152 Resp: 108780
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.6 189.8
 115 64.8 49.1 73.7

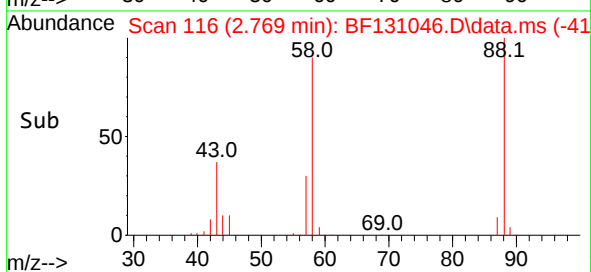
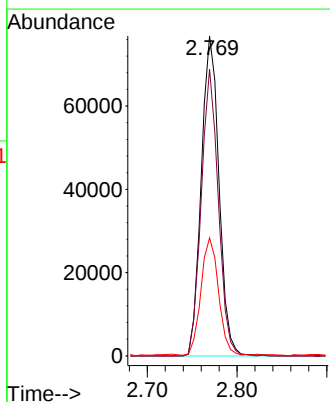
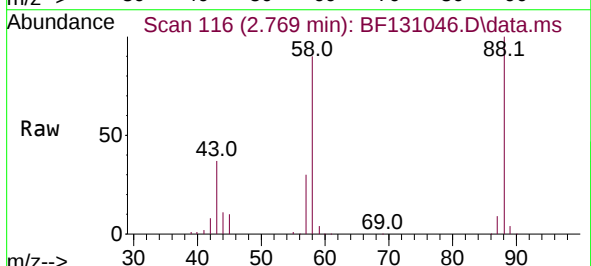
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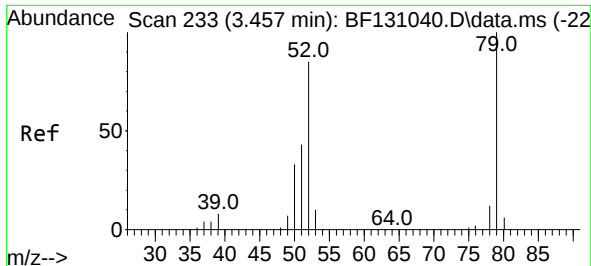
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#2
 1,4-Dioxane
 Concen: 32.930 ng
 RT: 2.769 min Scan# 116
 Delta R.T. 0.088 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

Tgt Ion: 88 Resp: 105612
 Ion Ratio Lower Upper
 88 100
 58 86.1 68.7 103.1
 43 36.5 28.6 43.0





#3

Pyridine

Concen: 30.254 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

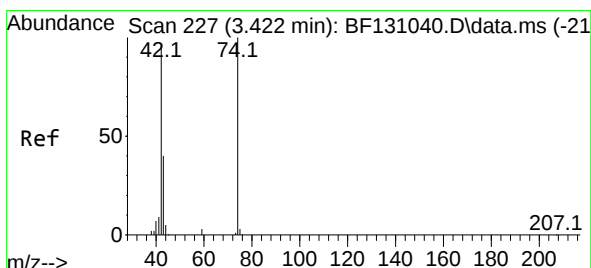
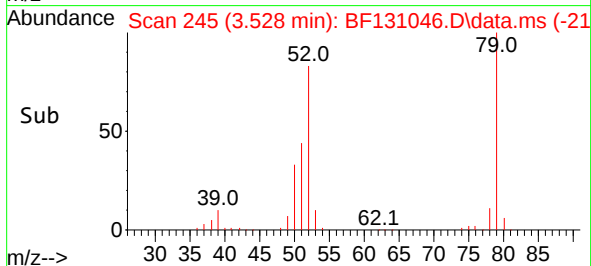
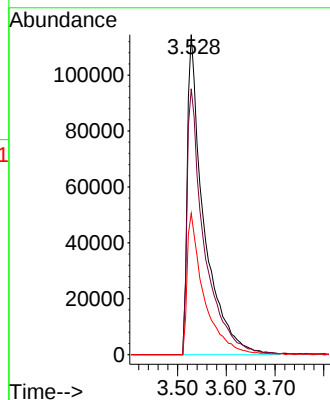
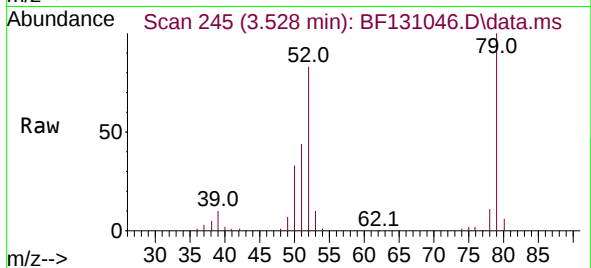
PB148686BS

Tgt Ion: 79	Resp: 26971
Ion Ratio	Lower Upper
79 100	
52 83.1	67.8 101.8
51 44.1	34.5 51.7

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#4

n-Nitrosodimethylamine

Concen: 39.479 ng

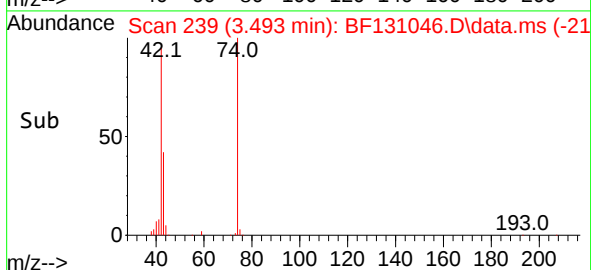
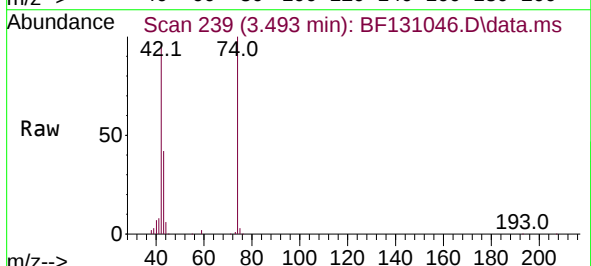
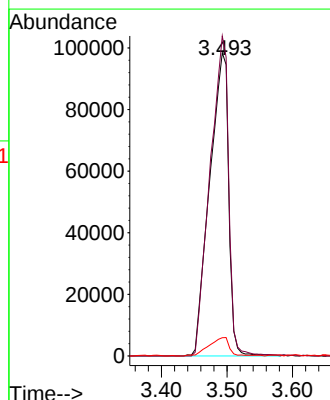
RT: 3.493 min Scan# 239

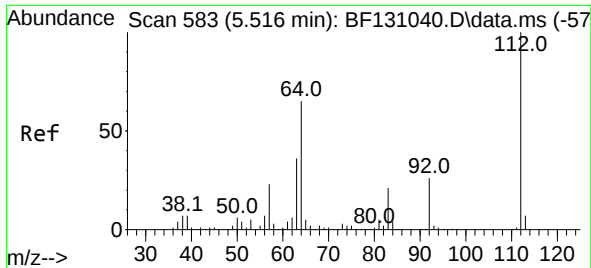
Delta R.T. 0.071 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

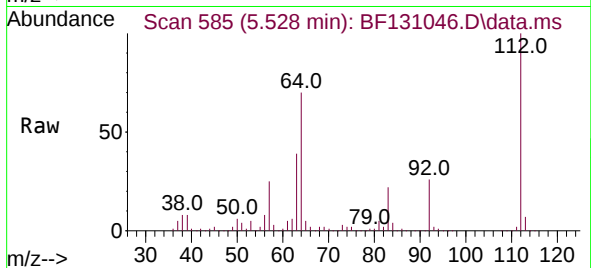
Tgt Ion: 42	Resp: 197914
Ion Ratio	Lower Upper
42 100	
74 105.6	83.6 125.4
44 6.0	4.7 7.1





#5
2-Fluorophenol
Concen: 120.709 ng
RT: 5.528 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

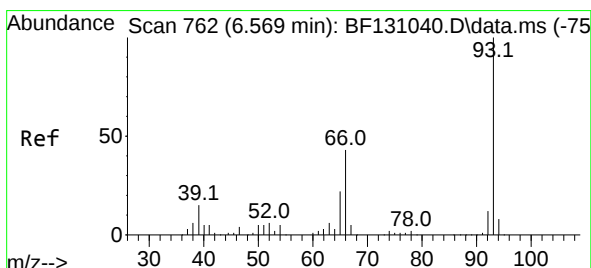
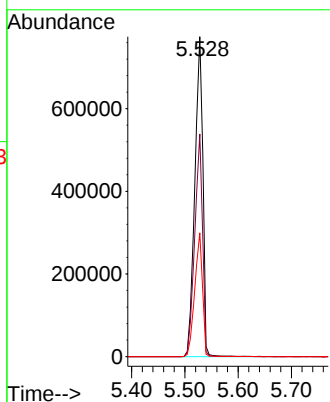
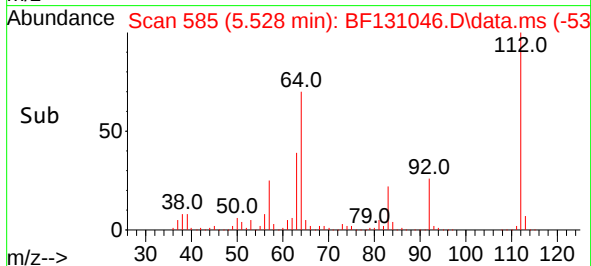
Instrument :
BNA_F
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Tgt Ion:112 Resp: 814307
Ion Ratio Lower Upper
112 100
64 69.6 52.2 78.4
63 38.7 29.0 43.4

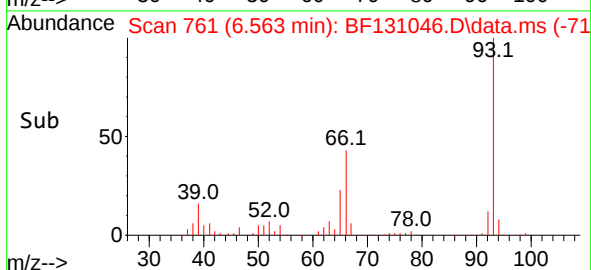
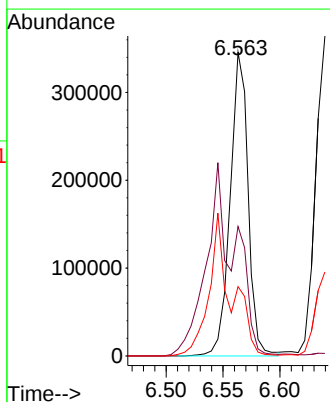
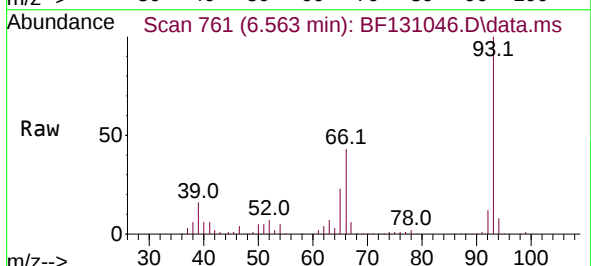
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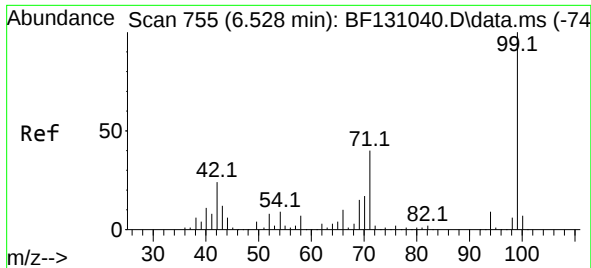
Reviewed By :Christian Giraldo 11/08/2022
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#6
Aniline
Concen: 37.130 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

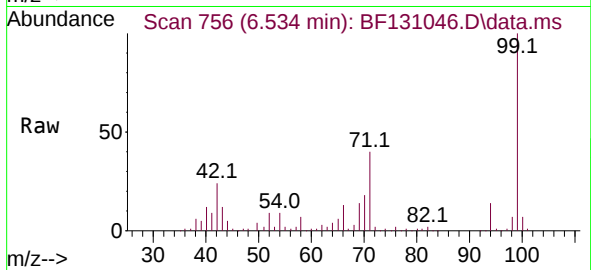
Tgt Ion: 93 Resp: 380220
Ion Ratio Lower Upper
93 100
66 42.6 34.5 51.7
65 22.8 17.9 26.9





#7
Phenol-d6
Concen: 125.489 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

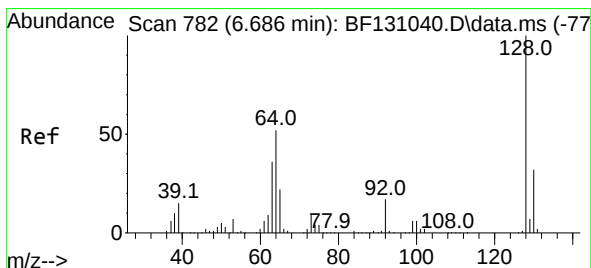
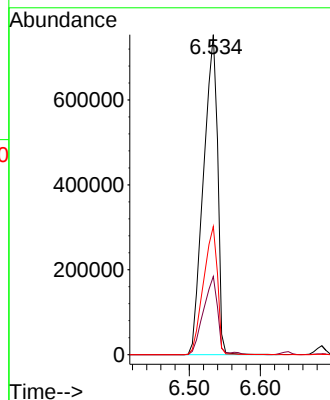
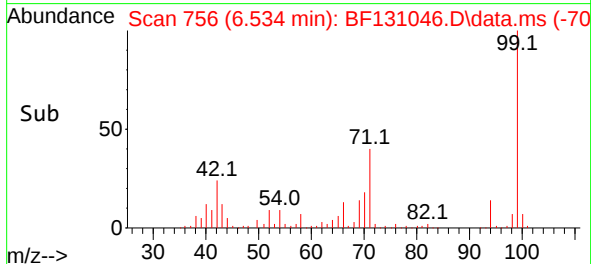
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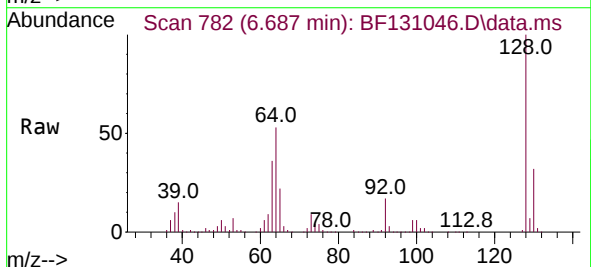
Tgt Ion: 99 Resp: 1033274
Ion Ratio Lower Upper
99 100
42 24.4 19.4 29.0
71 40.1 31.8 47.8

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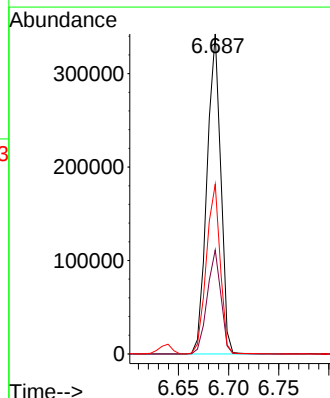
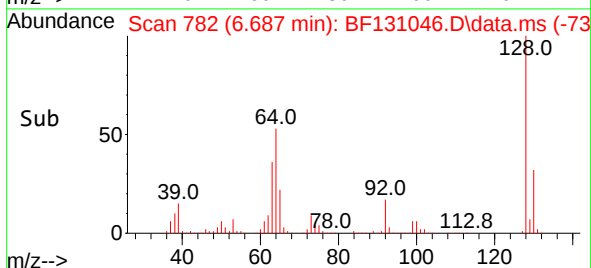
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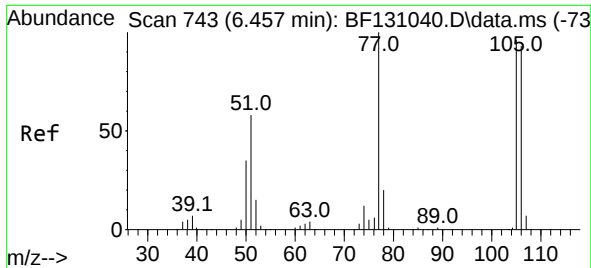


#8
2-Chlorophenol
Concen: 43.448 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:128 Resp: 326056
Ion Ratio Lower Upper
128 100
130 32.5 11.5 51.5
64 53.0 32.8 72.8





#9

Benzaldehyde

Concen: 11.762 ng

RT: 6.451 min Scan# 743

Delta R.T. -0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

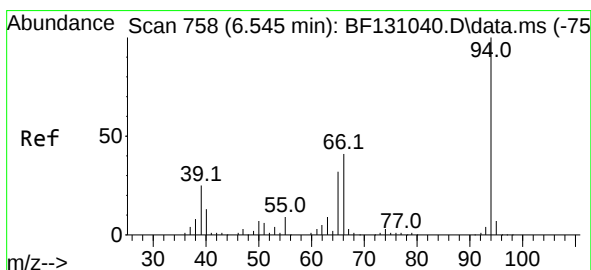
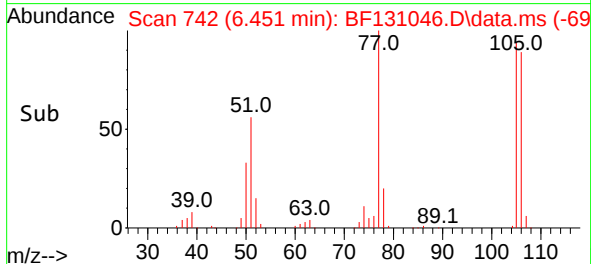
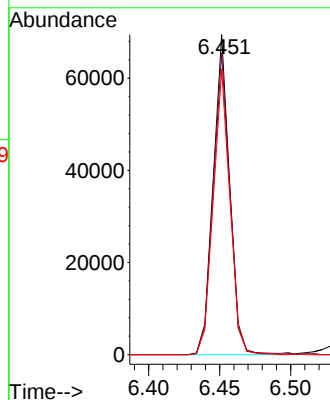
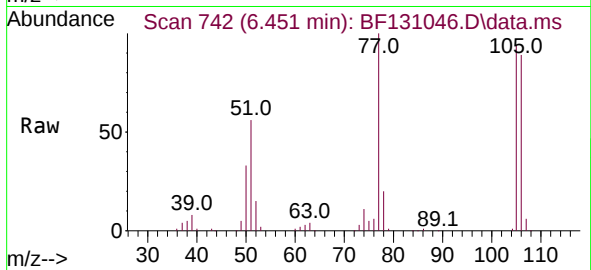
Tgt Ion:	77	Resp:	55944
Ion	Ratio	Lower	Upper
77	100		
105	94.3	76.4	116.4
106	89.2	73.3	113.3

Manual Integrations

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#10

Phenol

Concen: 41.930 ng

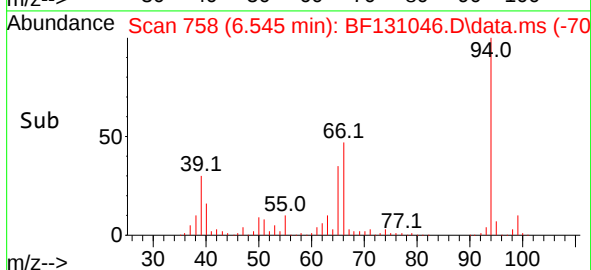
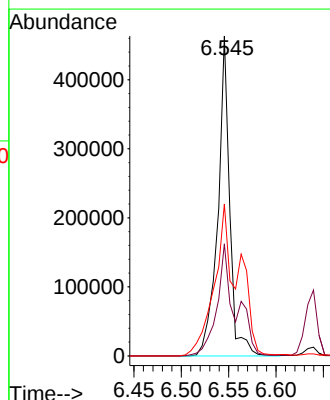
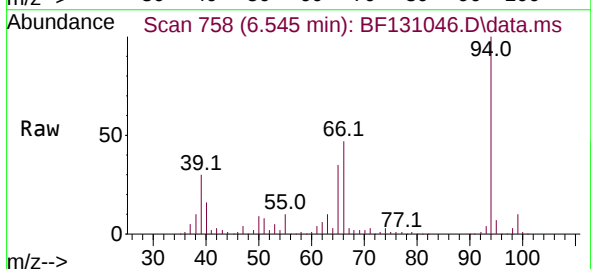
RT: 6.545 min Scan# 758

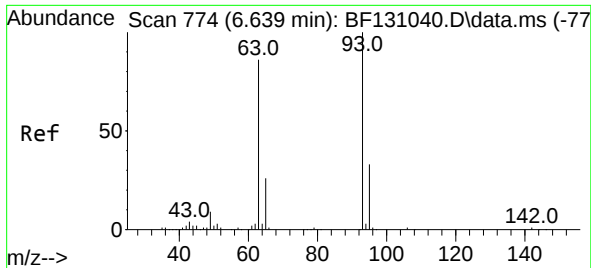
Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

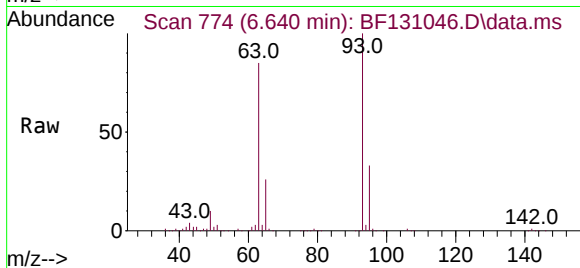
Tgt Ion:	94	Resp:	404578
Ion	Ratio	Lower	Upper
94	100		
65	35.0	11.8	51.8
66	47.5	21.5	61.5





#11
bis(2-Chloroethyl)ether
Concen: 44.157 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.001 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

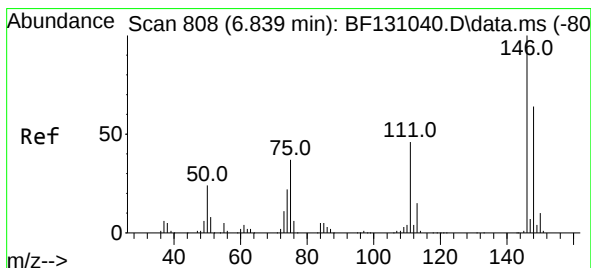
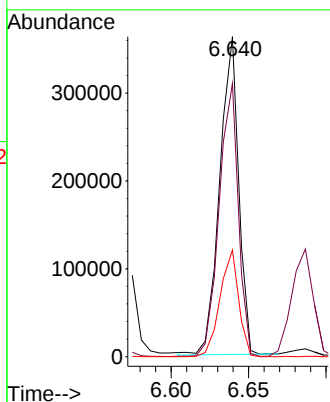
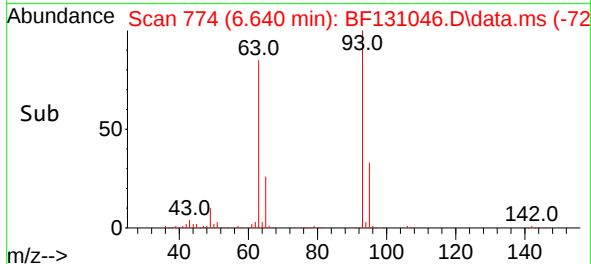
Instrument :
BNA_F
ClientSampleId :
PB148686BS



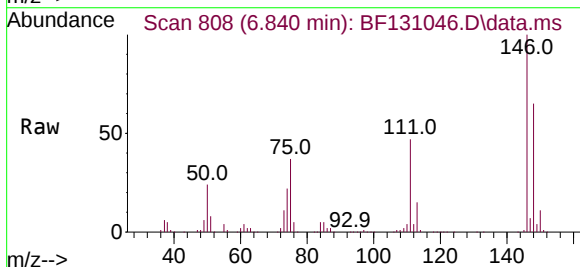
Tgt Ion: 93 Resp: 309059
Ion Ratio Lower Upper
93 100
63 85.4 65.6 105.6
95 33.3 12.5 52.5

Manual Integrations
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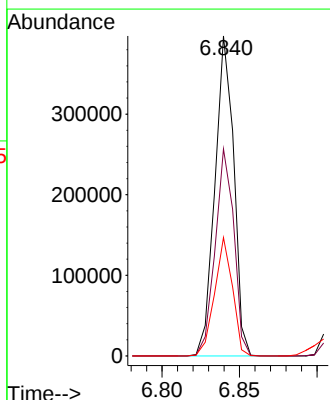
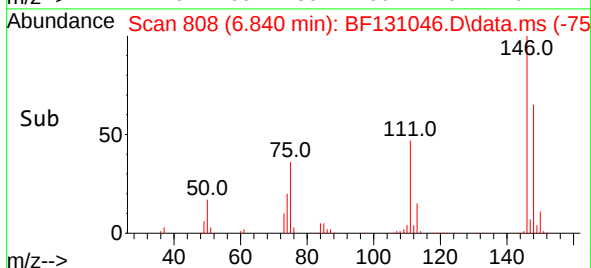
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

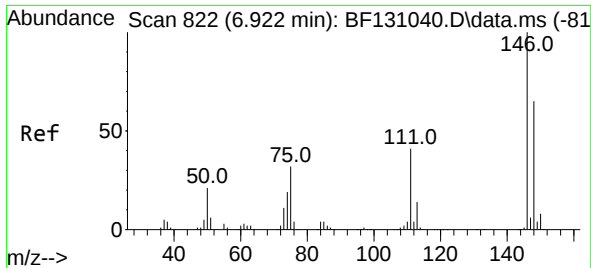


#12
1,3-Dichlorobenzene
Concen: 40.757 ng
RT: 6.840 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



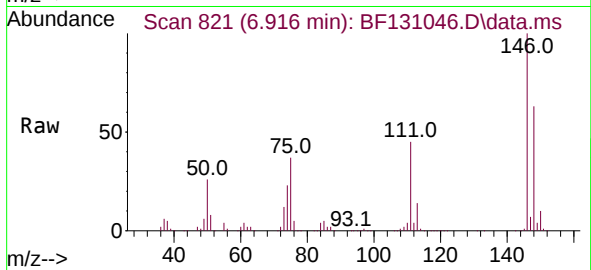
Tgt Ion:146 Resp: 336608
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
75 37.0 29.8 44.6





#13
1,4-Dichlorobenzene
Concen: 39.652 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

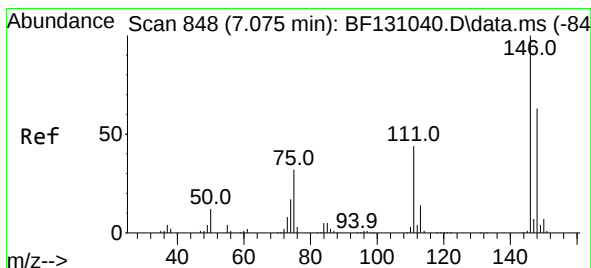
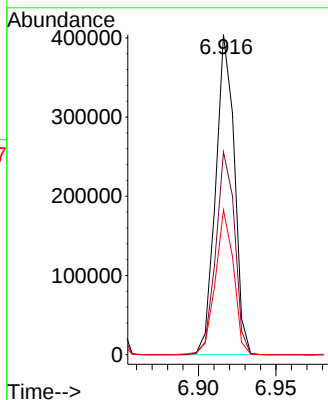
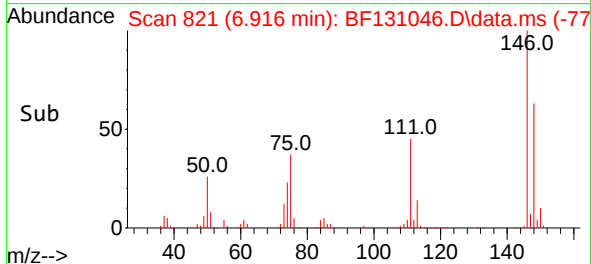
Instrument :
BNA_F
ClientSampleId :
PB148686BS



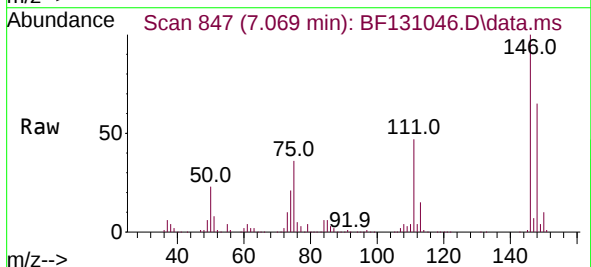
Tgt Ion:146 Resp: 341038
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
111 45.2 32.6 49.0

Manual Integrations
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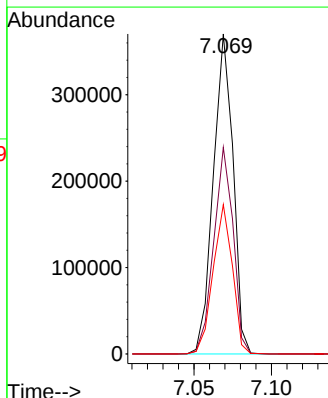
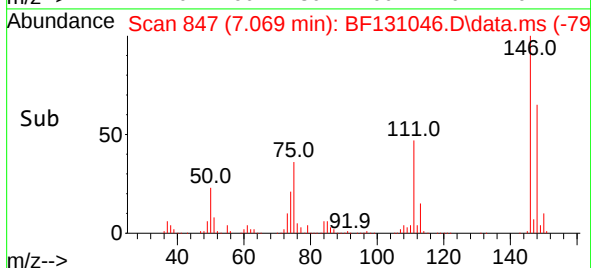
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

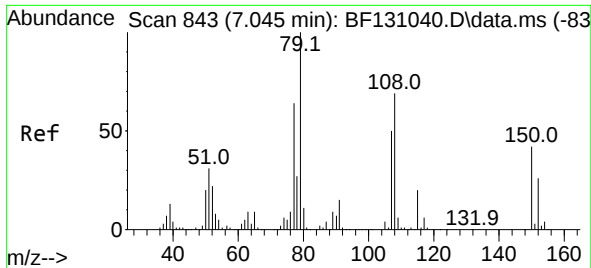


#14
1,2-Dichlorobenzene
Concen: 39.035 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



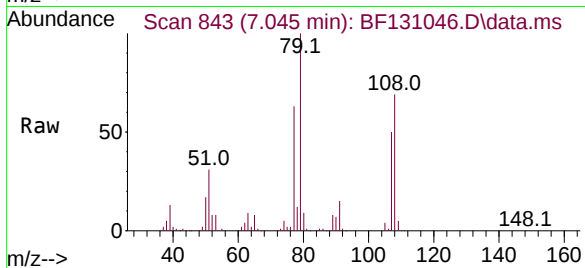
Tgt Ion:146 Resp: 328155
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.2
111 46.6 35.4 53.0





#15
Benzyl Alcohol
Concen: 41.054 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

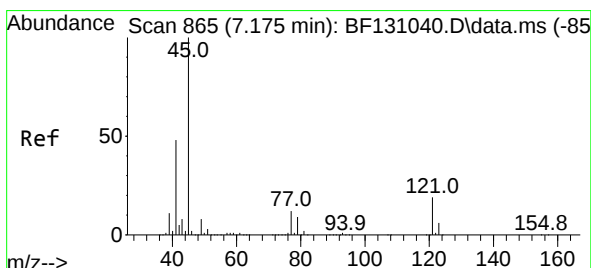
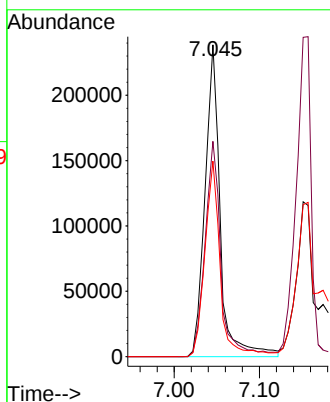
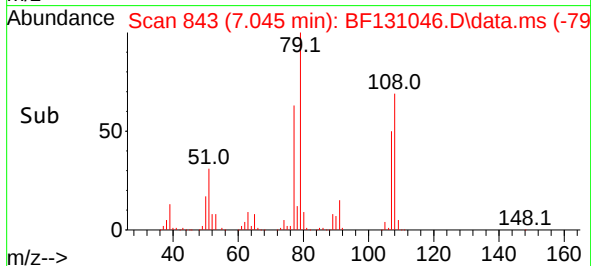
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion: 79 Resp: 295268
Ion Ratio Lower Upper
79 100
108 69.0 55.2 82.8
77 62.7 50.9 76.3

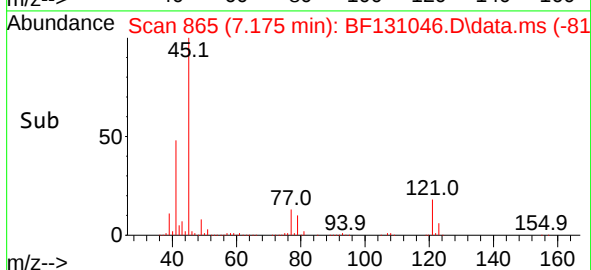
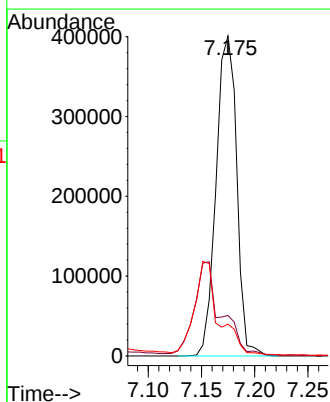
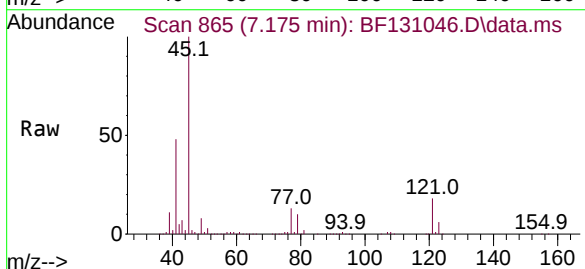
Manual Integrations
APPROVED

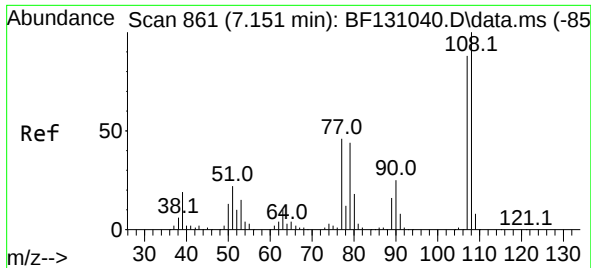
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.293 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

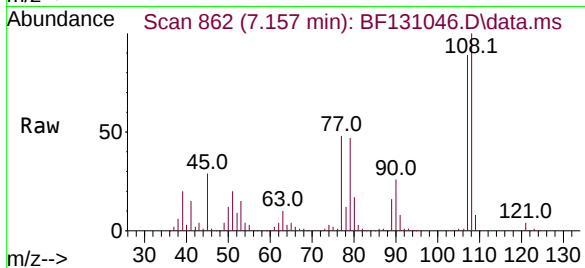
Tgt Ion: 45 Resp: 539120
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.5
79 9.9 0.0 29.7





#17
2-Methylphenol
Concen: 41.517 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

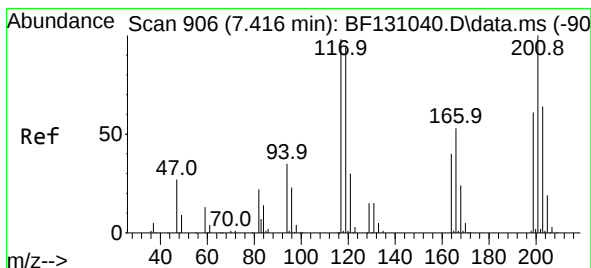
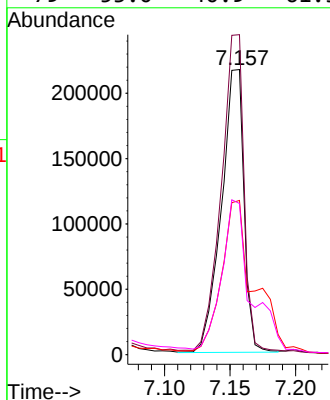
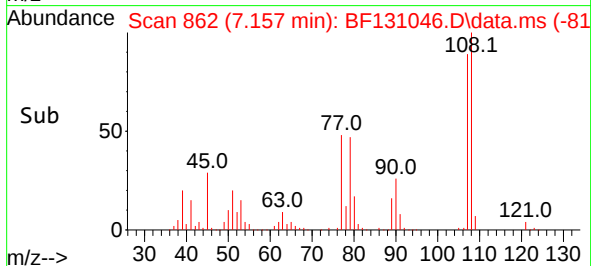
Instrument :
BNA_F
ClientSampleId :
PB148686BS



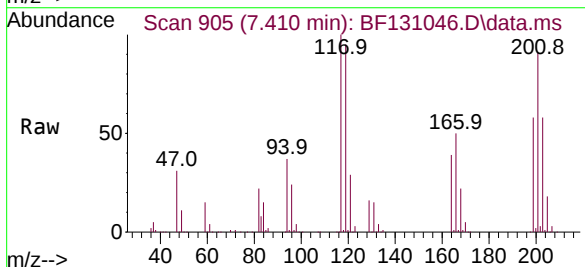
Tgt Ion:107 Resp: 260674
Ion Ratio Lower Upper
107 100
108 112.3 91.2 136.8
77 54.1 42.1 63.1
79 53.0 40.9 61.3

Manual Integrations
APPROVED

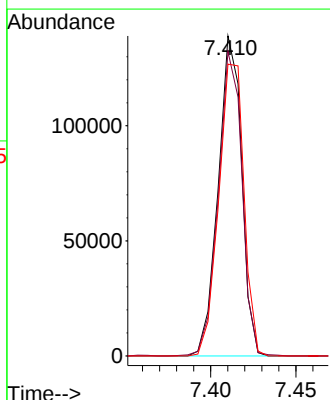
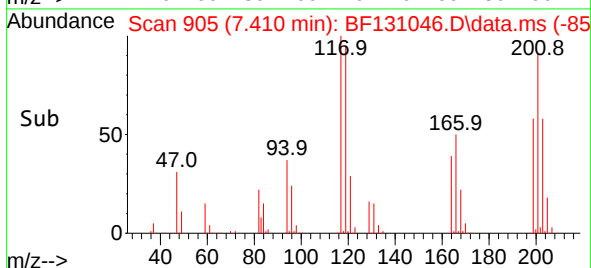
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

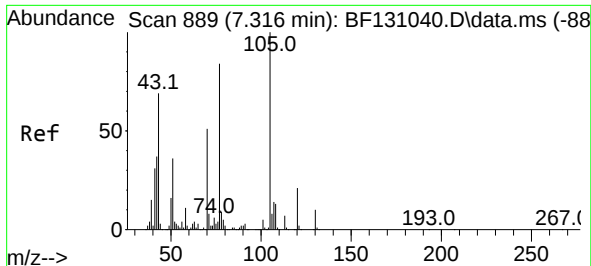


#18
Hexachloroethane
Concen: 40.808 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:117 Resp: 132968
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3
201 91.2 81.8 122.6





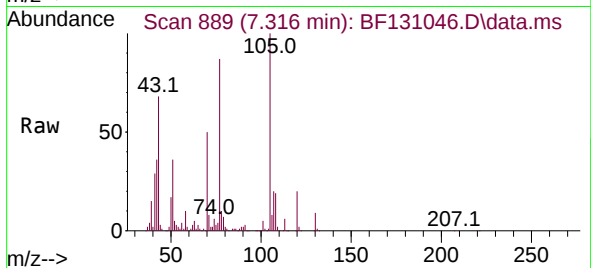
#19
n-Nitroso-di-n-propylamine
Concen: 40.741 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

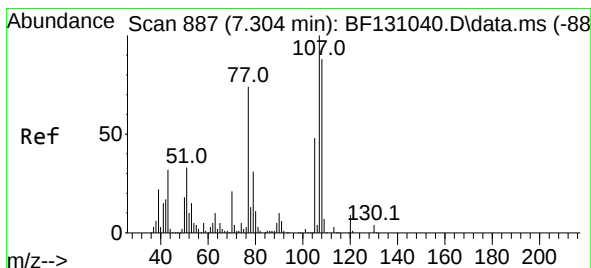
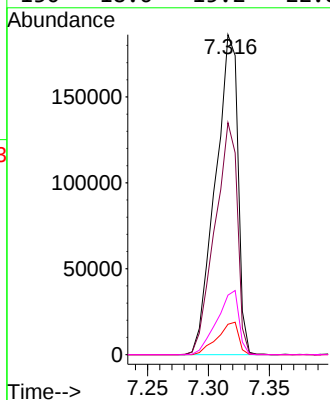
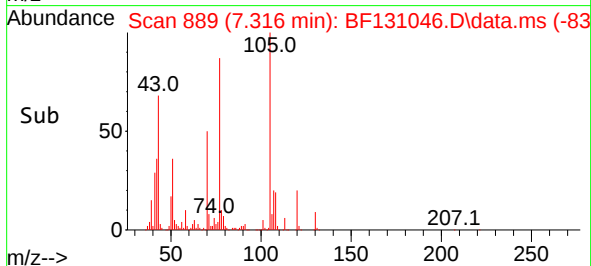


Tgt Ion: 70 Resp: 239068
Ion Ratio Lower Upper
70 100
42 72.5 59.0 88.4
101 9.5 8.0 12.0
130 18.6 15.2 22.8

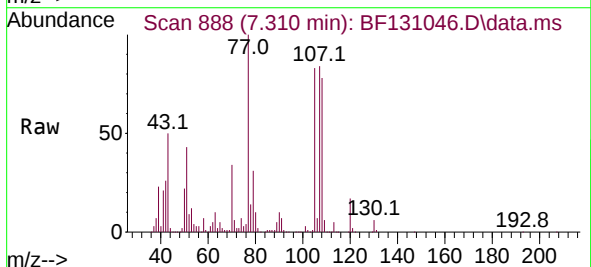
Manual Integrations

APPROVED

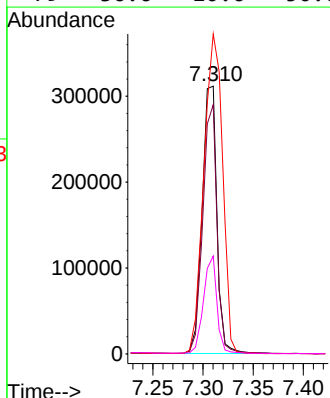
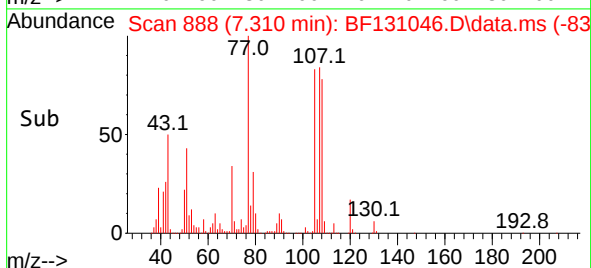
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

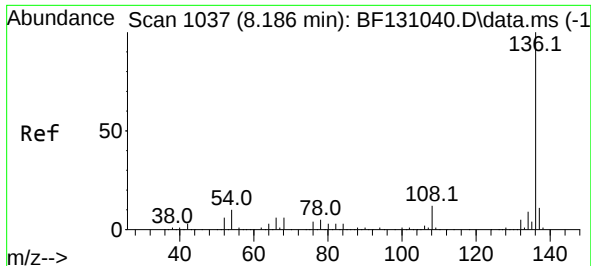


#20
3+4-Methylphenols
Concen: 39.067 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:107 Resp: 317217
Ion Ratio Lower Upper
107 100
108 93.0 67.7 107.7
77 119.5 54.2 94.2#
79 36.6 10.6 50.6





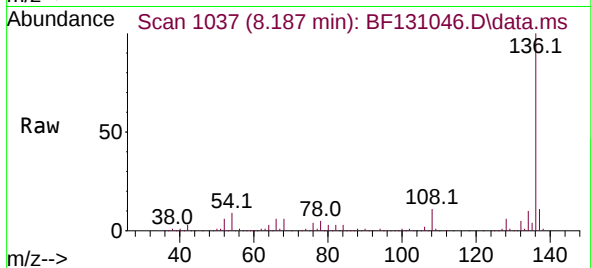
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

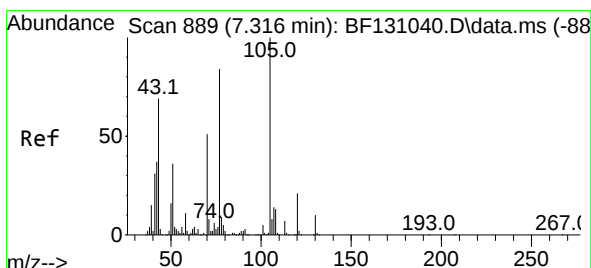
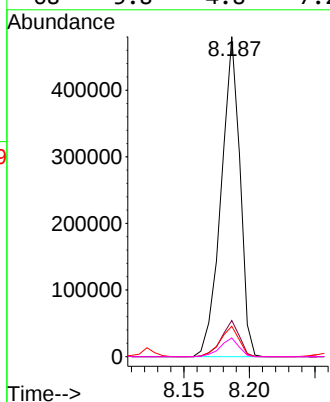
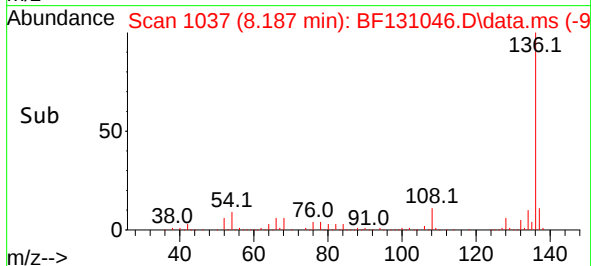


Tgt Ion:136 Resp: 478874
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.5 8.2 12.2
68 5.8 4.8 7.2

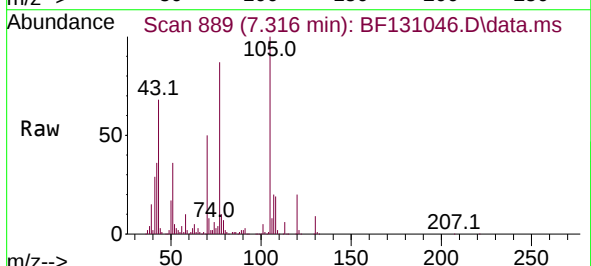
Manual Integrations

APPROVED

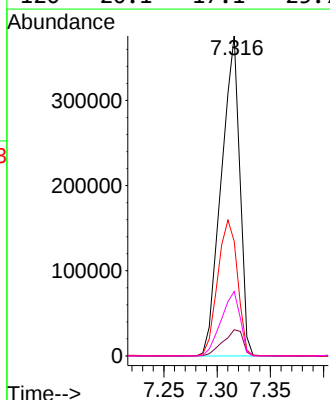
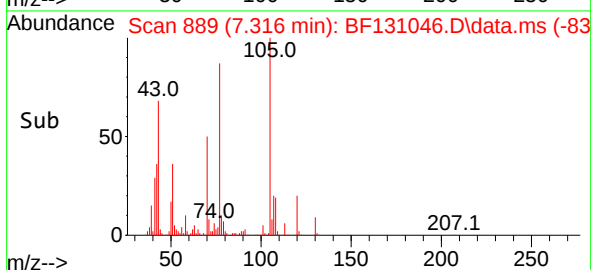
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

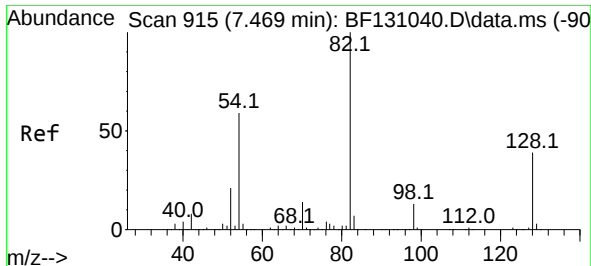


#22
Acetophenone
Concen: 35.549 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



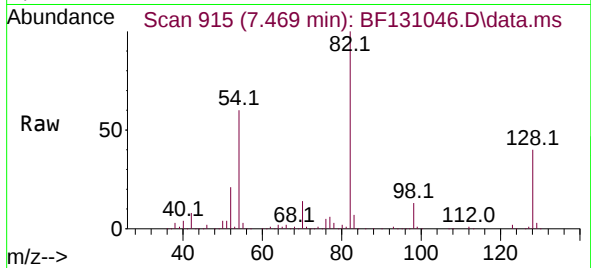
Tgt Ion:105 Resp: 453225
Ion Ratio Lower Upper
105 100
71 8.2 6.5 9.7
51 35.8 28.5 42.7
120 20.1 17.1 25.7





#23
Nitrobenzene-d5
Concen: 67.476 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

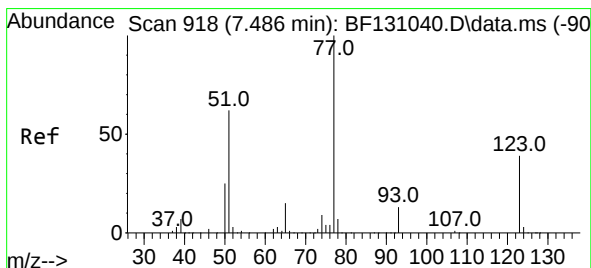
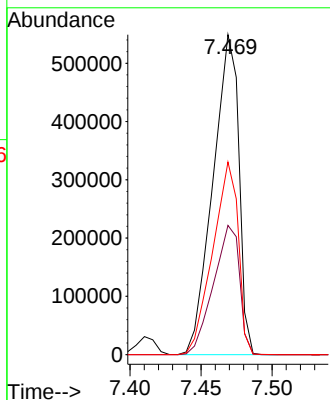
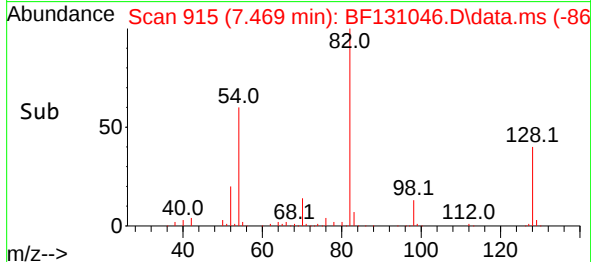
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion: 82 Resp: 697098
Ion Ratio Lower Upper
82 100
128 40.4 31.3 46.9
54 60.2 47.2 70.8

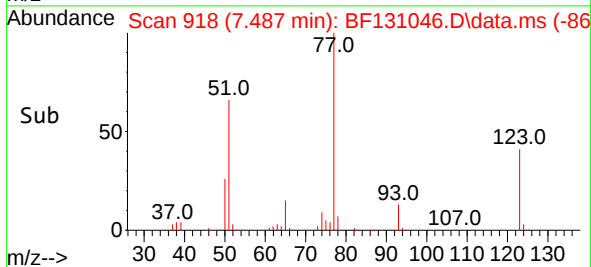
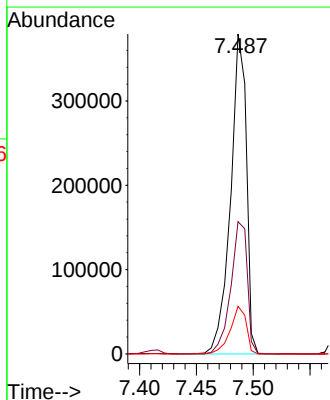
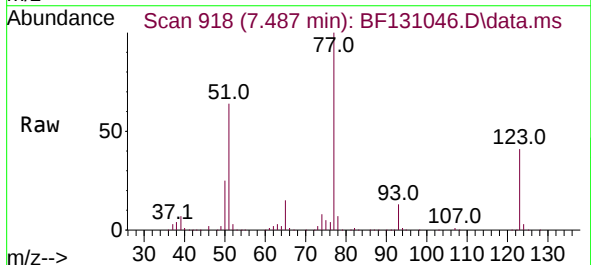
Manual Integrations
APPROVED

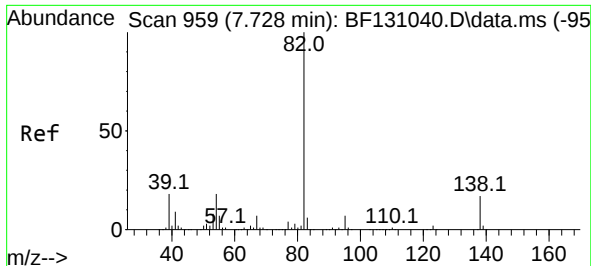
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#24
Nitrobenzene
Concen: 34.724 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 77 Resp: 367934
Ion Ratio Lower Upper
77 100
123 41.4 32.2 48.2
65 14.9 11.9 17.9





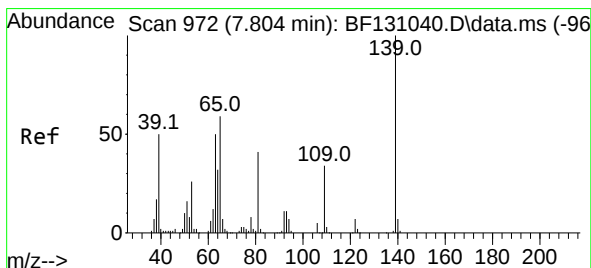
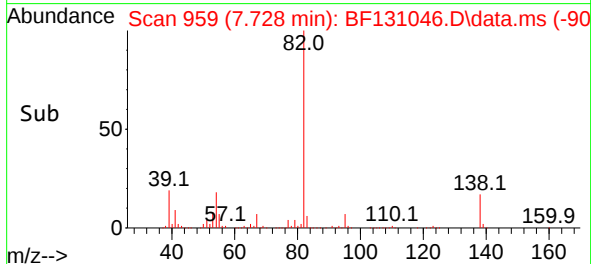
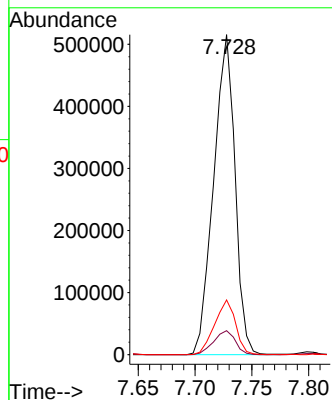
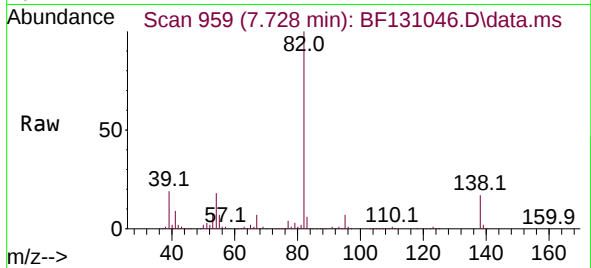
#25
Isophorone
Concen: 37.984 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :
BNA_F
ClientSampleId :
PB148686BS

Tgt Ion: 82 Resp: 672606
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 17.1 13.5 20.3

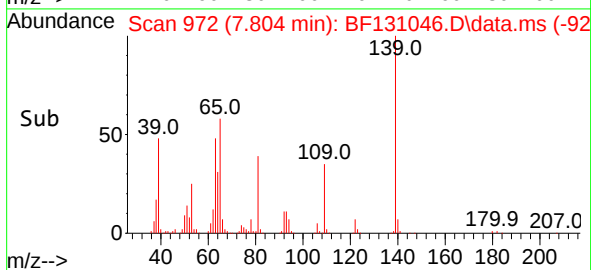
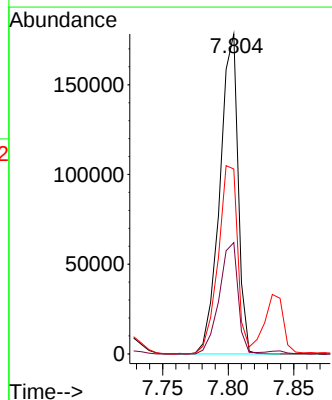
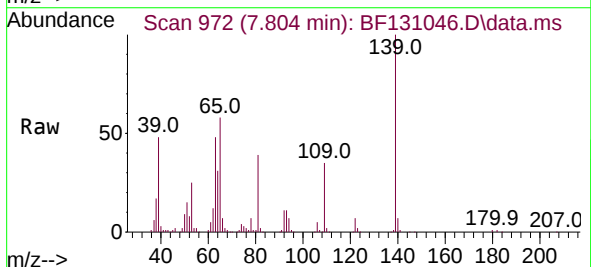
Manual Integrations
APPROVED

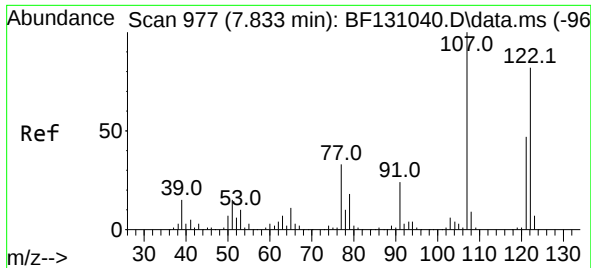
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#26
2-Nitrophenol
Concen: 38.333 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:139 Resp: 172980
Ion Ratio Lower Upper
139 100
109 34.8 27.6 41.4
65 57.8 47.1 70.7





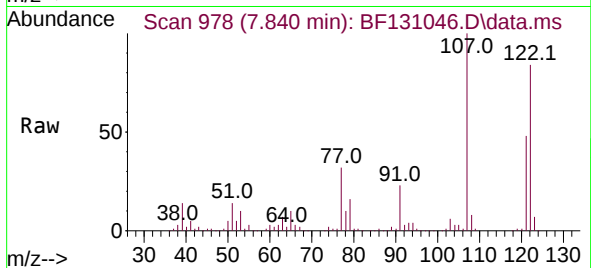
#27
2,4-Dimethylphenol
Concen: 42.613 ng
RT: 7.840 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

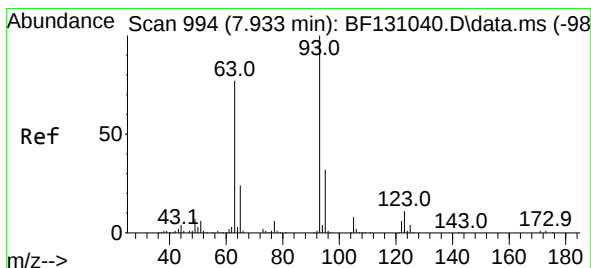
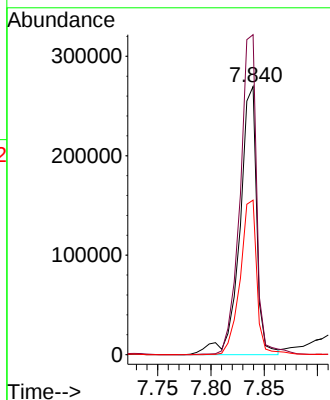
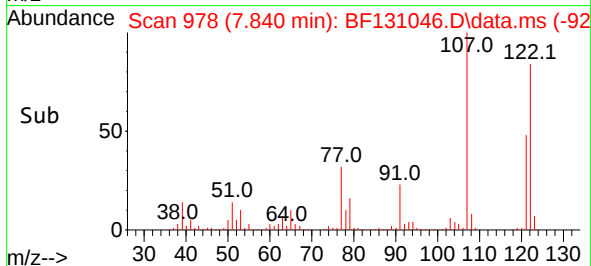


Tgt Ion:122 Resp: 297115
Ion Ratio Lower Upper
122 100
107 119.4 97.9 146.9
121 57.6 46.3 69.5

Manual Integrations

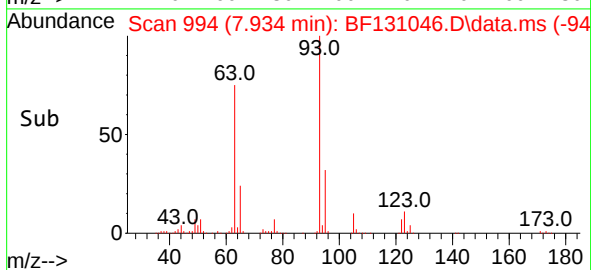
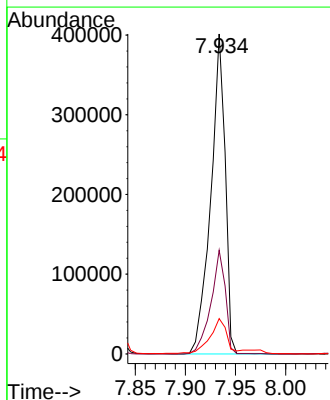
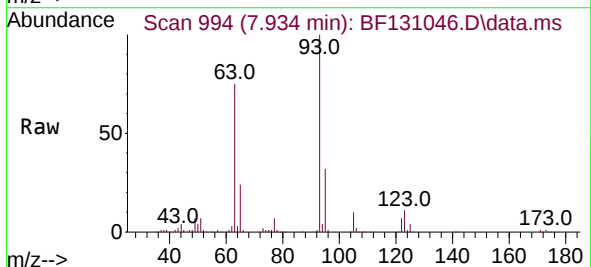
APPROVED

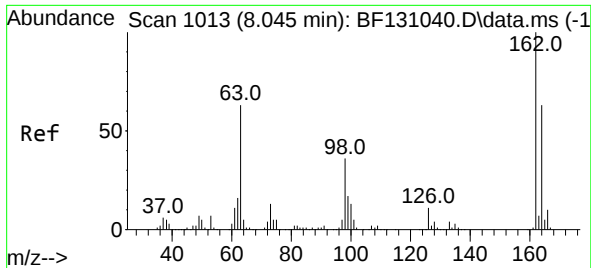
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#28
bis(2-Chloroethoxy)methane
Concen: 41.009 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 93 Resp: 401052
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 38.024 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF131046.D

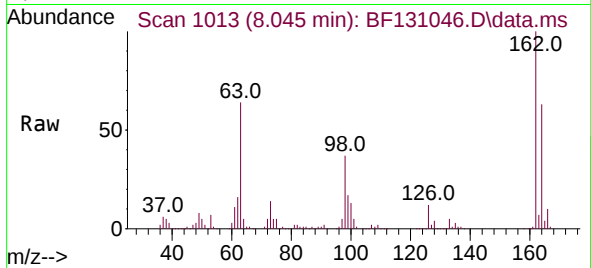
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS



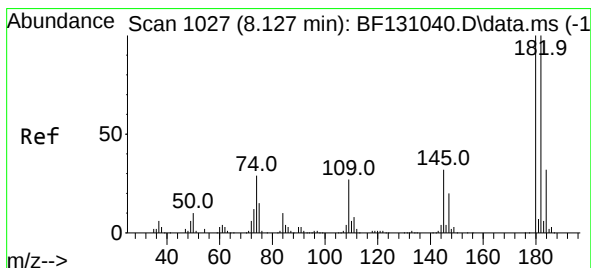
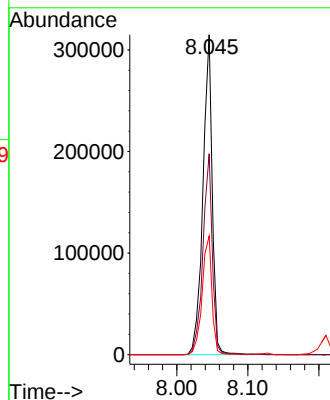
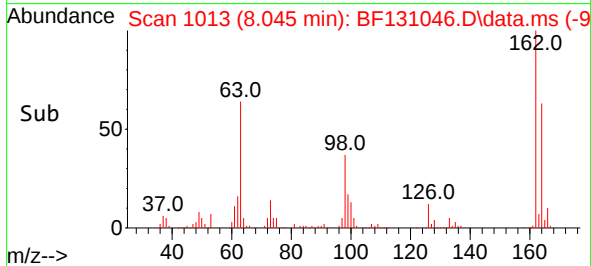
Tgt Ion:162	Resp:	285542
Ion Ratio	Lower	Upper
162	100	
164	62.8	43.3 83.3
98	37.1	15.9 55.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/08/2022

Supervised By :Jagrut Upadhyay 11/08/2022



#30

1,2,4-Trichlorobenzene

Concen: 36.492 ng

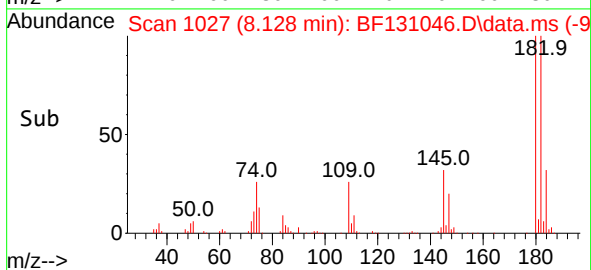
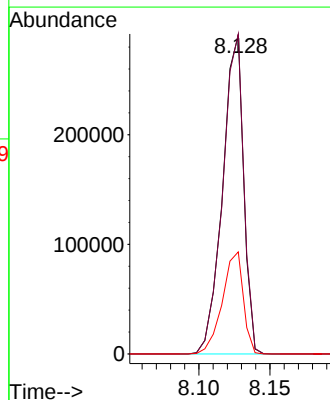
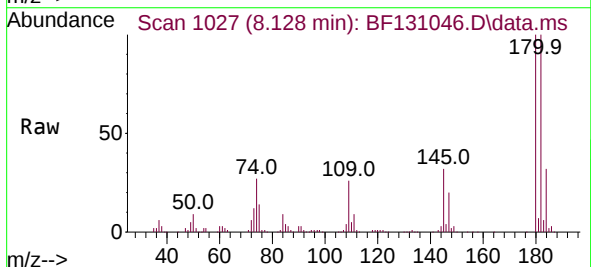
RT: 8.128 min Scan# 1027

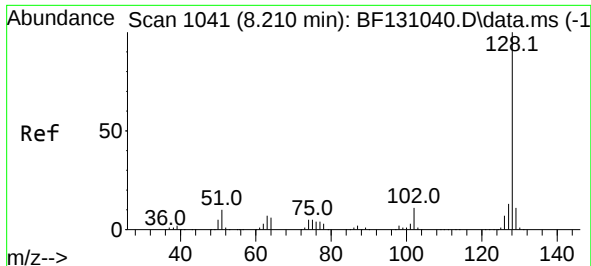
Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

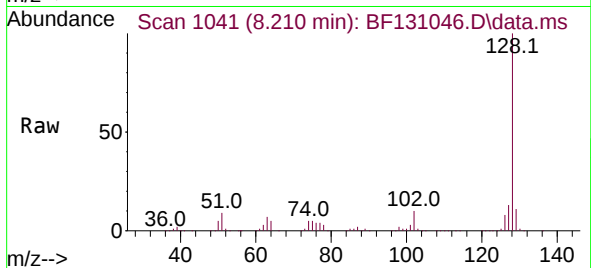
Tgt Ion:180	Resp:	298805
Ion Ratio	Lower	Upper
180	100	
182	100.4	80.3 120.5
145	32.0	25.8 38.6





#31
Naphthalene
Concen: 38.328 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

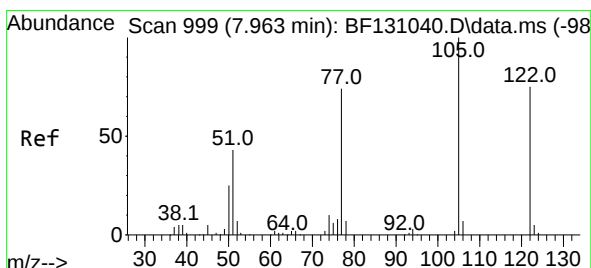
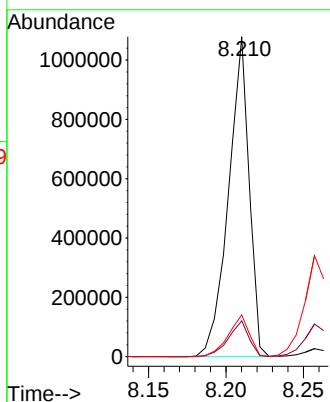
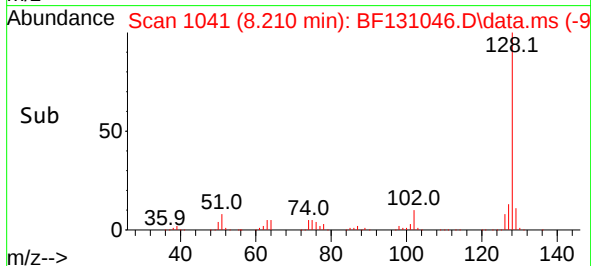
Instrument :
BNA_F
ClientSampleId :
PB148686BS



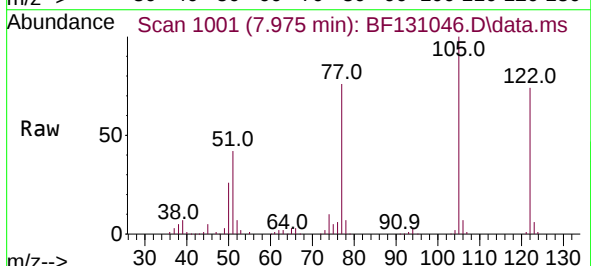
Tgt Ion:128 Resp: 1003100
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.0 10.5 15.7

Manual Integrations
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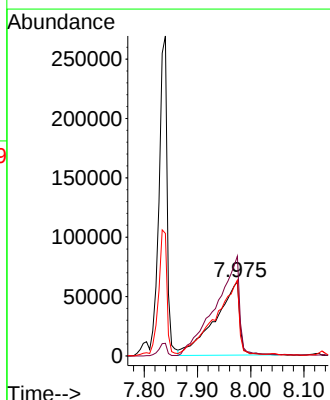
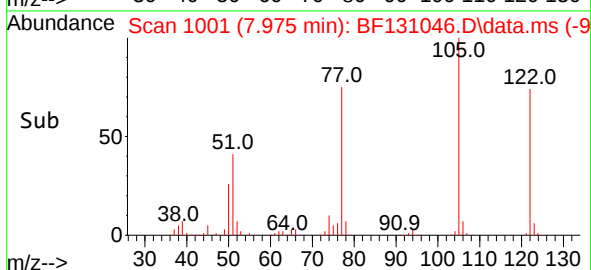
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

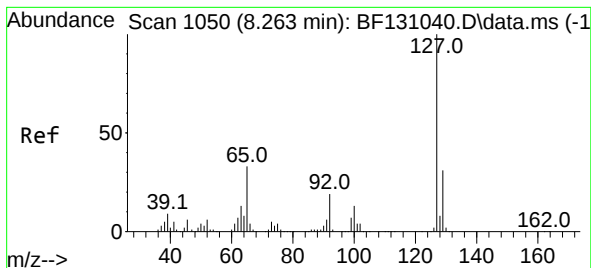


#32
Benzoic acid
Concen: 41.917 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:122 Resp: 199097
Ion Ratio Lower Upper
122 100
105 134.8 106.0 146.0
77 102.4 74.4 114.4





#33

4-Chloroaniline

Concen: 35.092 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

Tgt Ion:127 Resp: 359145

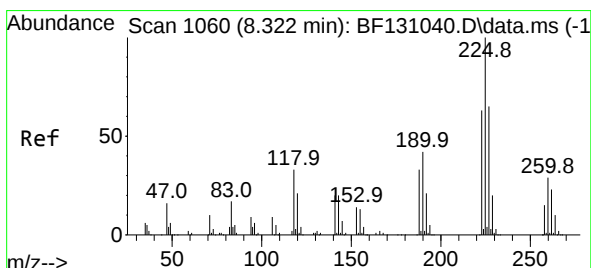
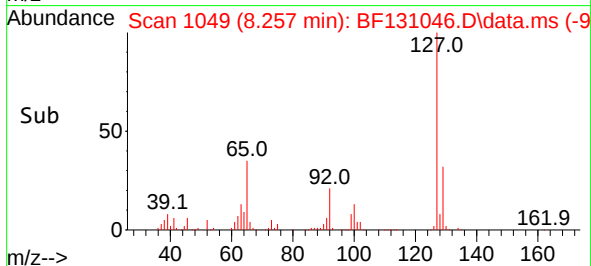
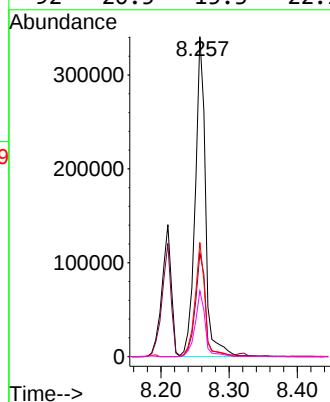
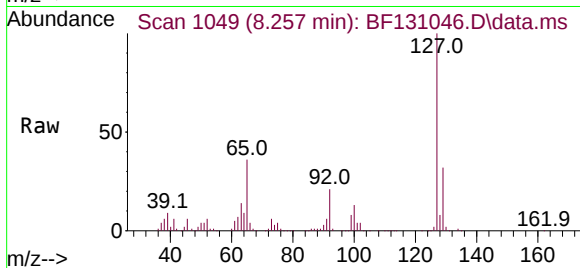
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.0	37.6
65	35.7	26.6	40.0
92	20.5	15.3	22.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/08/2022

Supervised By :Jagrut Upadhyay 11/08/2022



#34

Hexachlorobutadiene

Concen: 39.219 ng

RT: 8.322 min Scan# 1060

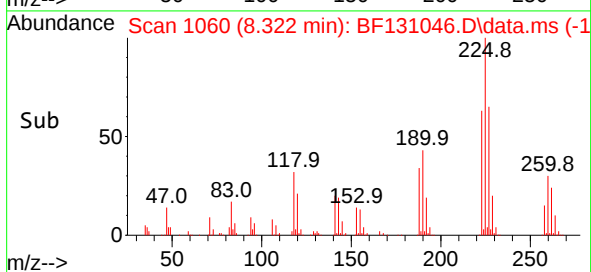
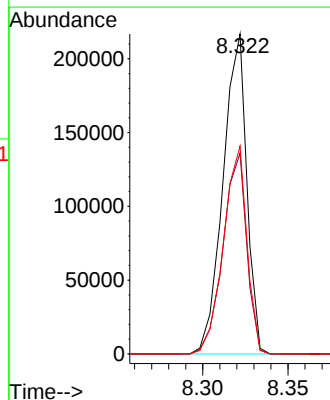
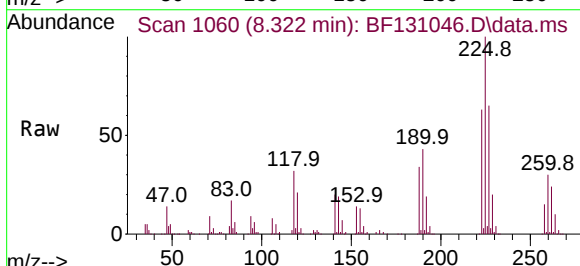
Delta R.T. 0.000 min

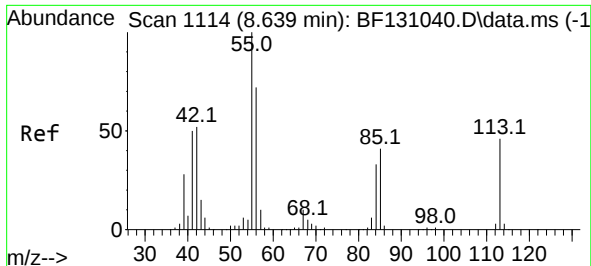
Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Tgt Ion:225 Resp: 209644

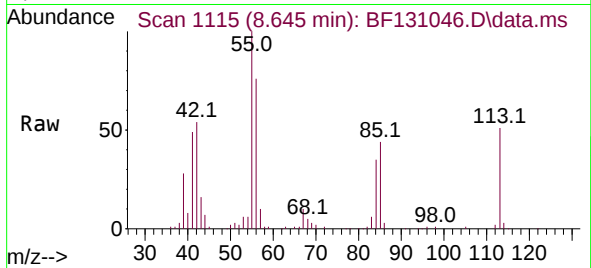
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.4
227	64.9	52.0	78.0





#35
Caprolactam
Concen: 40.432 ng m
RT: 8.645 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

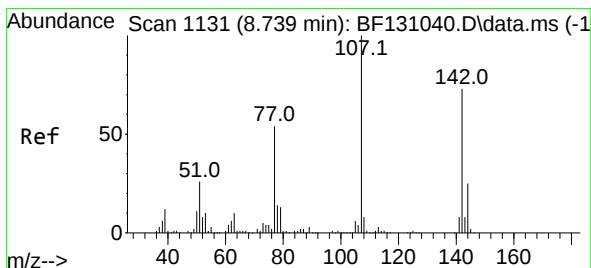
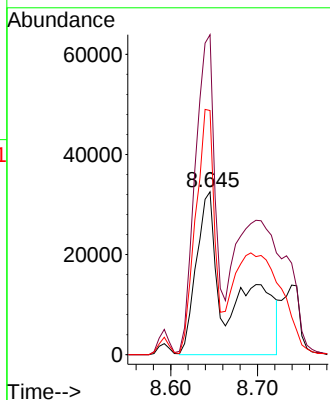
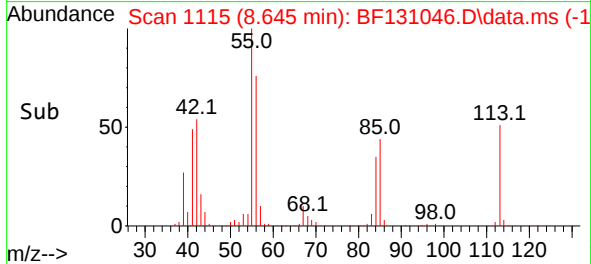
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion:113 Resp: 93156
Ion Ratio Lower Upper
113 100
55 196.6 199.0 239.0
56 150.0 137.0 177.0

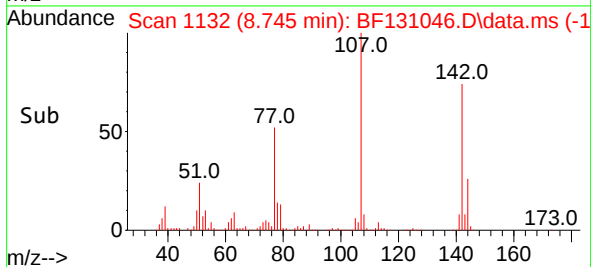
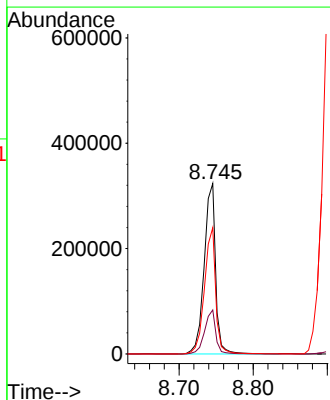
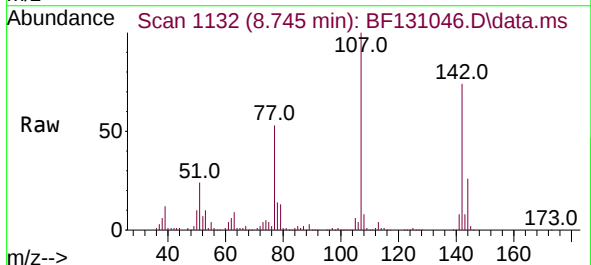
Manual Integrations
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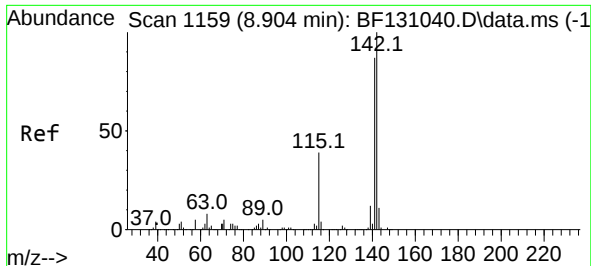
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#36
4-Chloro-3-methylphenol
Concen: 42.558 ng
RT: 8.745 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:107 Resp: 344928
Ion Ratio Lower Upper
107 100
144 25.8 20.2 30.2
142 74.1 58.6 88.0





#37

2-Methylnaphthalene

Concen: 38.980 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

Tgt Ion:142 Resp: 649045

Ion Ratio Lower Upper

142 100

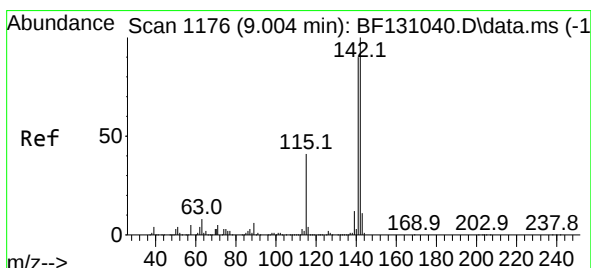
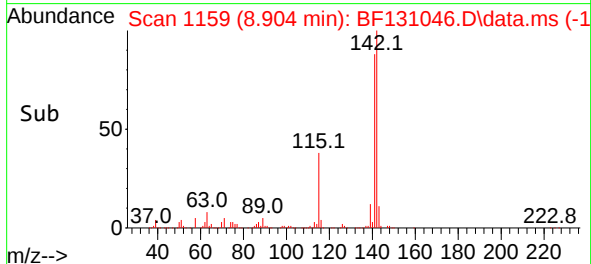
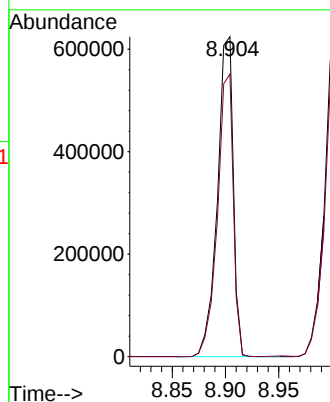
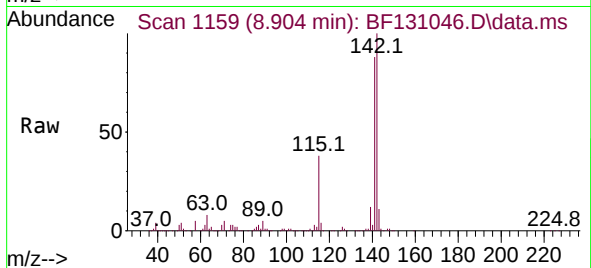
141 88.3 69.8 104.6

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#38

1-Methylnaphthalene

Concen: 39.121 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF131046.D

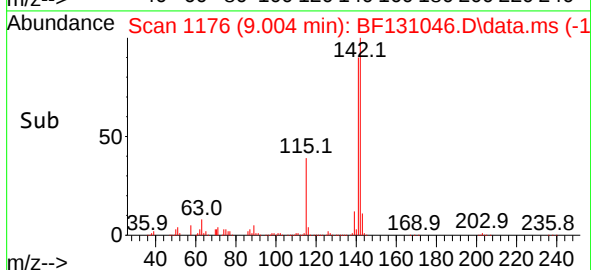
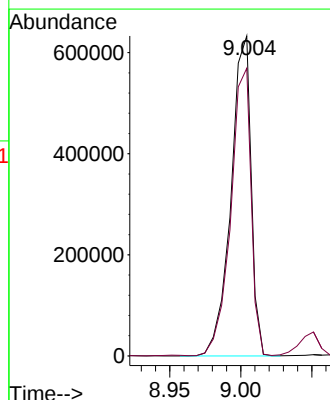
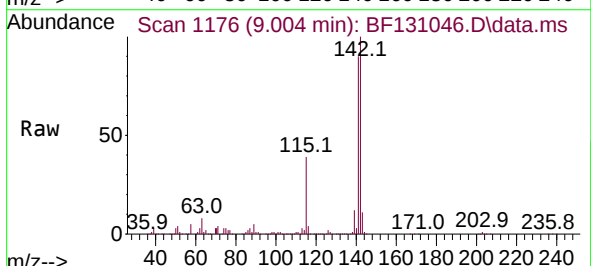
Acq: 07 Nov 2022 16:24

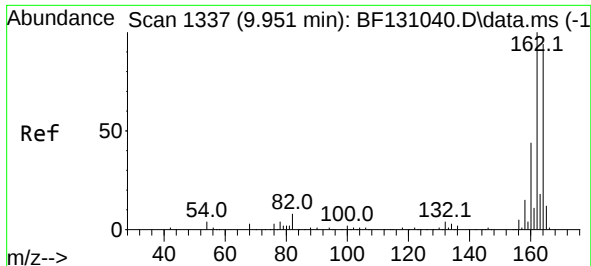
Tgt Ion:142 Resp: 621983

Ion Ratio Lower Upper

142 100

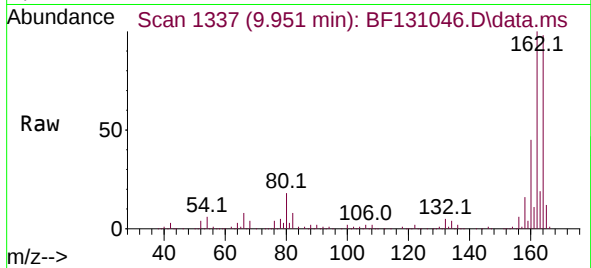
141 89.9 72.2 108.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

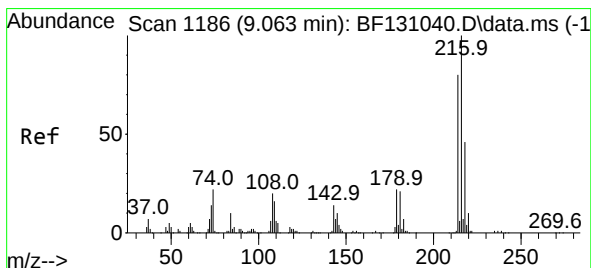
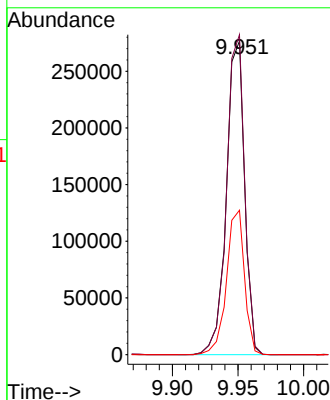
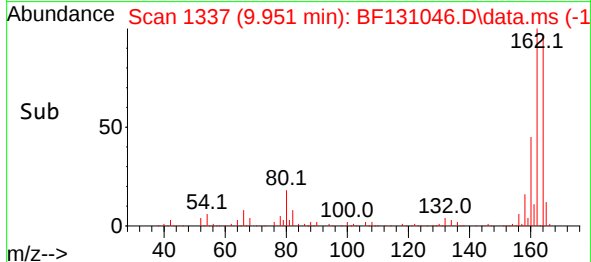
Instrument :
BNA_F
ClientSampleId :
PB148686BS



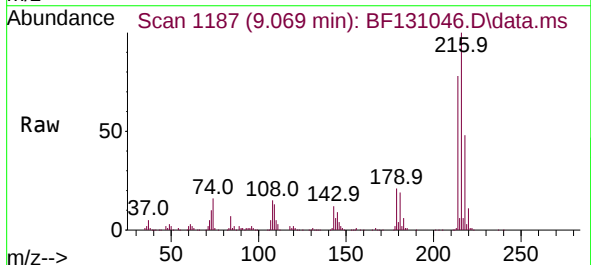
Tgt Ion:164 Resp: 267924
Ion Ratio Lower Upper
164 100
162 102.0 85.0 127.6
160 46.1 37.0 55.6

Manual Integrations
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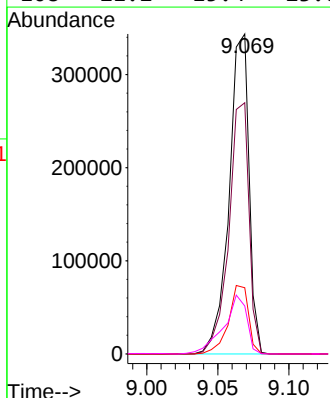
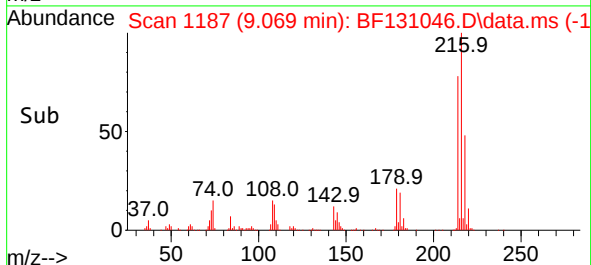
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

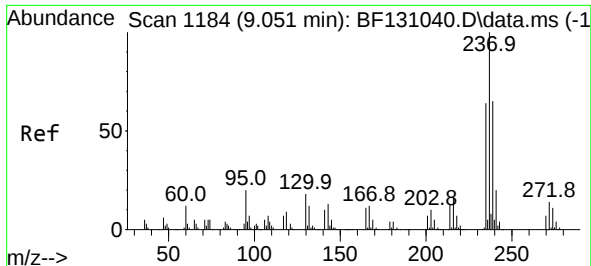


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.811 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:216 Resp: 335178
Ion Ratio Lower Upper
216 100
214 79.2 62.7 94.1
179 21.3 16.7 25.1
108 21.2 15.4 23.0





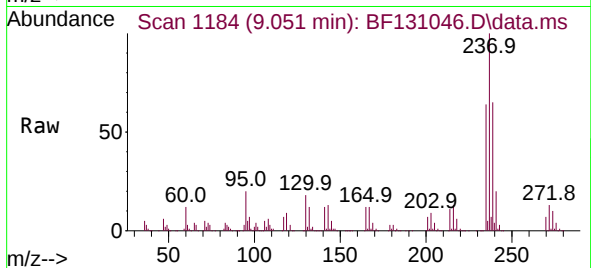
#41
Hexachlorocyclopentadiene
Concen: 91.033 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

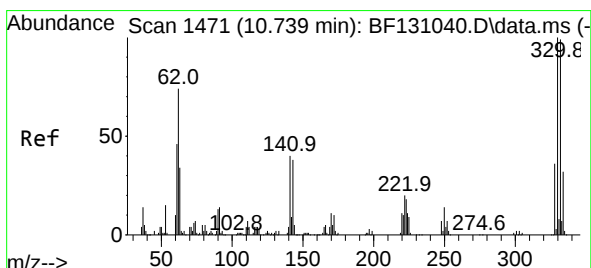
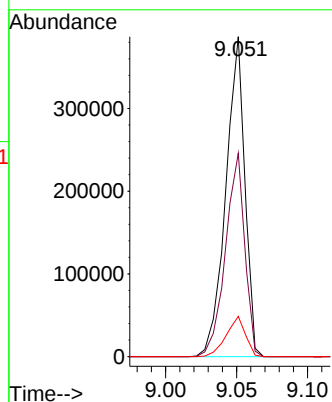
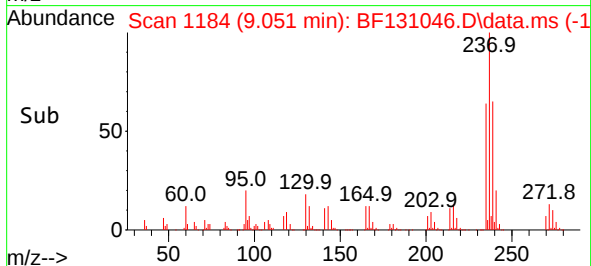


Tgt Ion:237 Resp: 362382
Ion Ratio Lower Upper
237 100
235 63.6 43.6 83.6
272 12.6 0.0 33.8

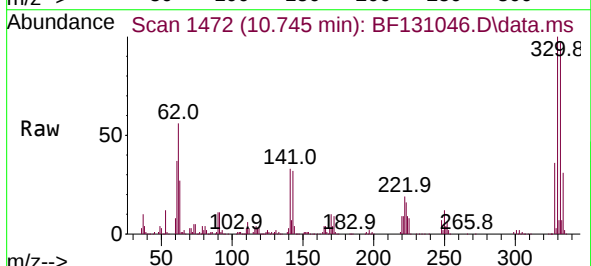
Manual Integrations

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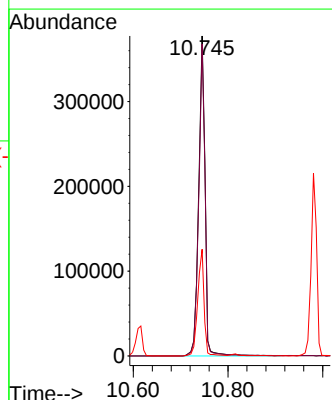
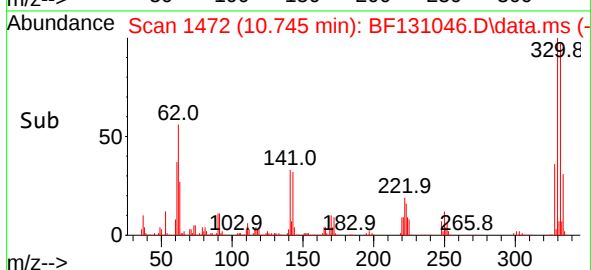
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

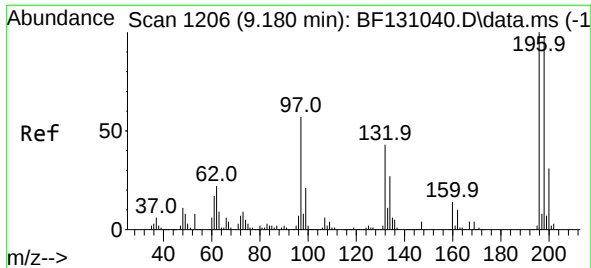


#42
2,4,6-Tribromophenol
Concen: 119.877 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



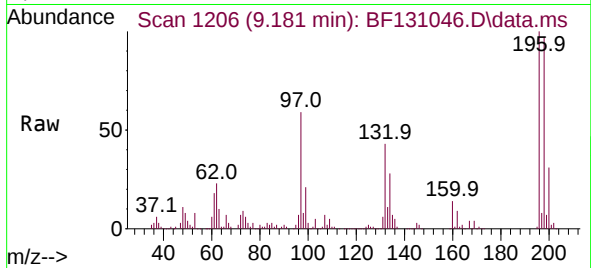
Tgt Ion:330 Resp: 353610
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 33.3 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 40.207 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

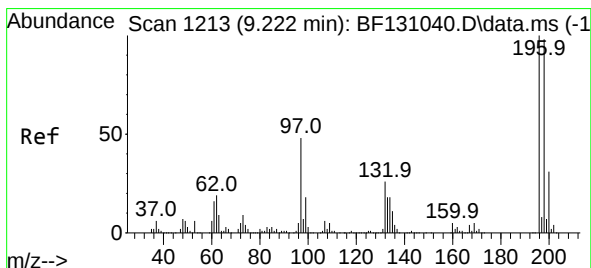
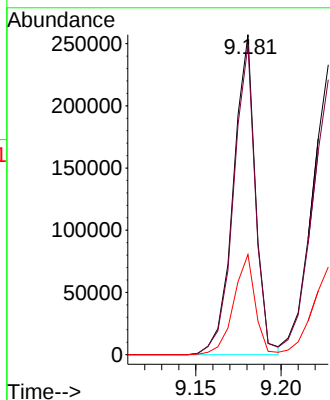
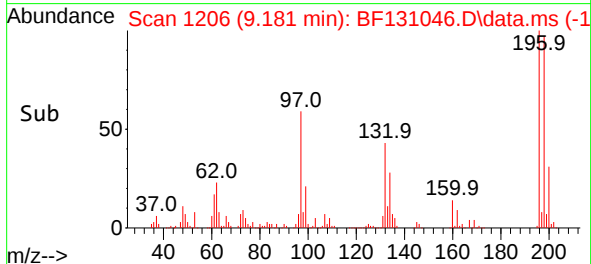
Instrument :
BNA_F
ClientSampleId :
PB148686BS



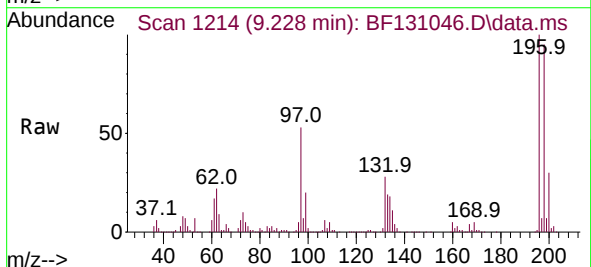
Tgt Ion:196 Resp: 231575
Ion Ratio Lower Upper
196 100
198 96.9 78.2 117.2
200 31.3 25.0 37.4

Manual Integrations
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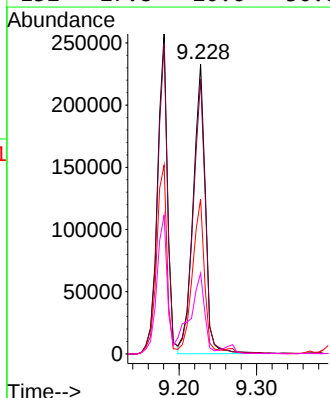
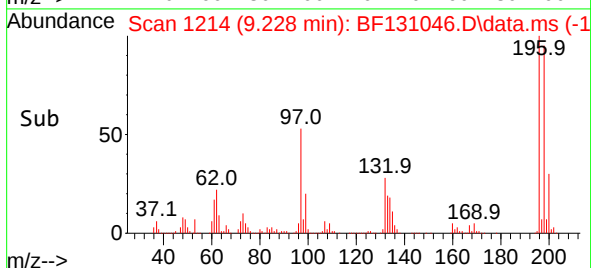
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

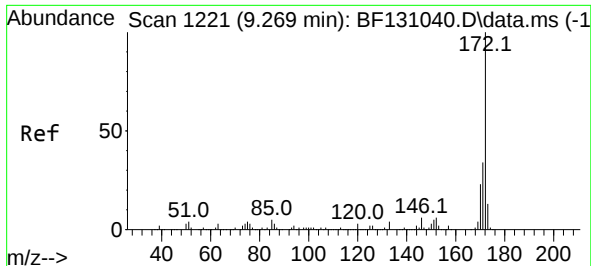


#44
2,4,5-Trichlorophenol
Concen: 39.704 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



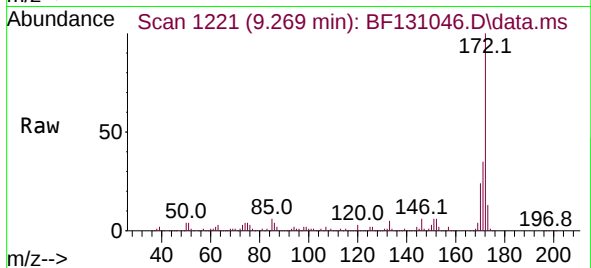
Tgt Ion:196 Resp: 256422
Ion Ratio Lower Upper
196 100
198 94.9 78.6 118.0
97 53.4 38.9 58.3
132 27.8 20.6 30.8





#45
2-Fluorobiphenyl
Concen: 69.227 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

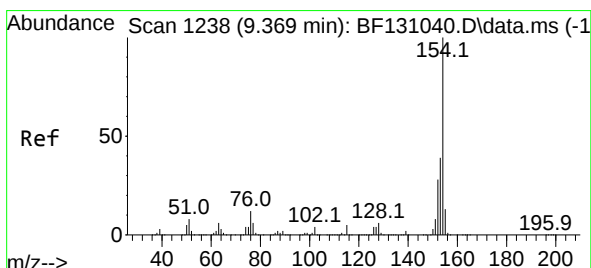
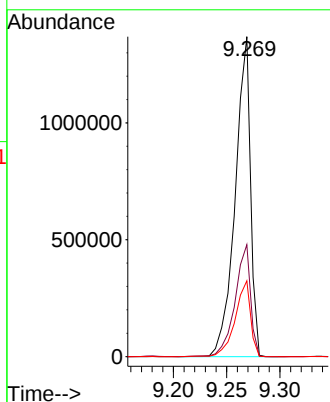
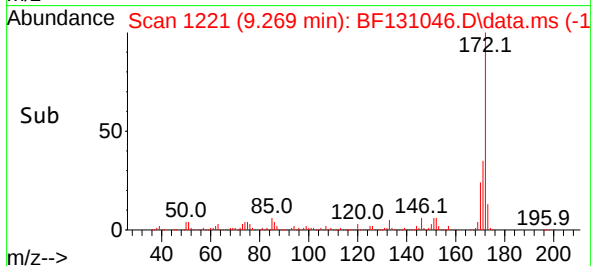
Instrument :
BNA_F
ClientSampleId :
PB148686BS



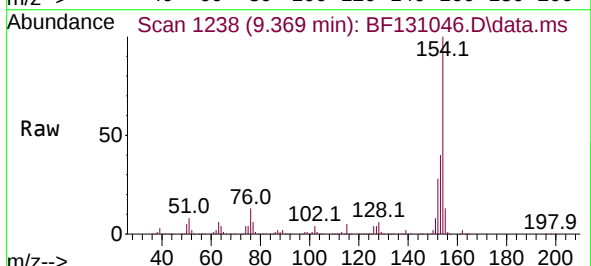
Tgt Ion:172 Resp: 1360959
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.7 18.4 27.6

Manual Integrations
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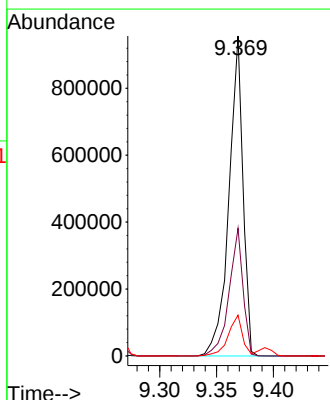
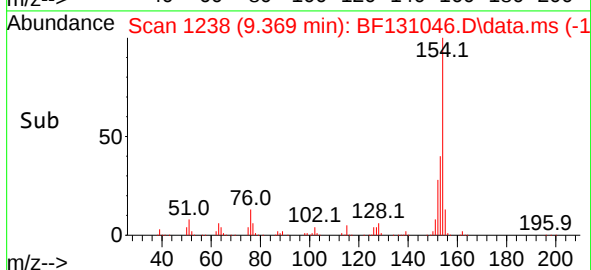
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

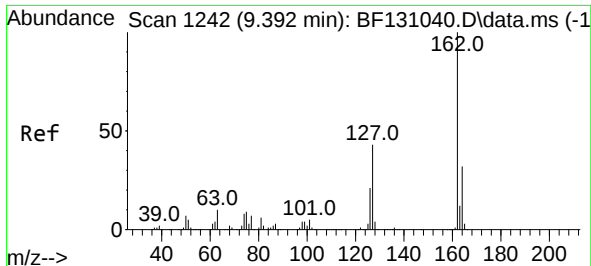


#46
1,1'-Biphenyl
Concen: 39.503 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



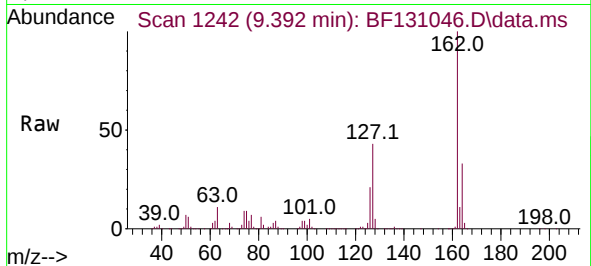
Tgt Ion:154 Resp: 824360
Ion Ratio Lower Upper
154 100
153 39.9 19.3 59.3
76 12.7 0.0 32.0





#47
2-Chloronaphthalene
Concen: 38.139 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

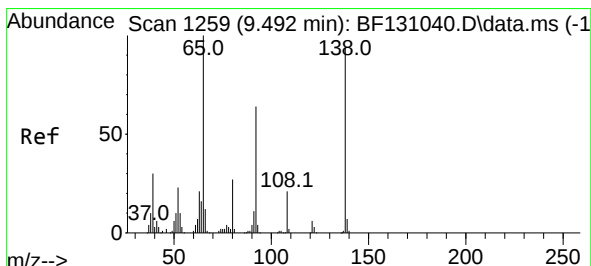
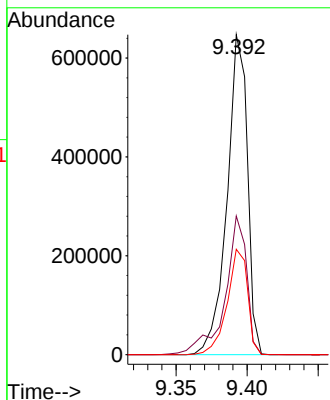
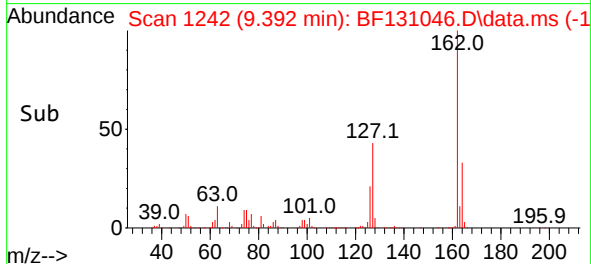
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion:162 Resp: 645258
Ion Ratio Lower Upper
162 100
127 43.3 34.6 51.8
164 32.9 26.0 39.0

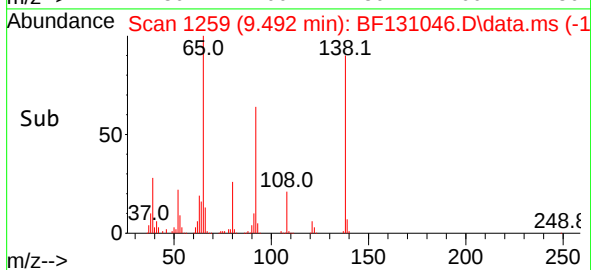
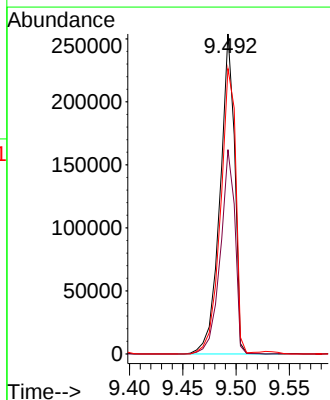
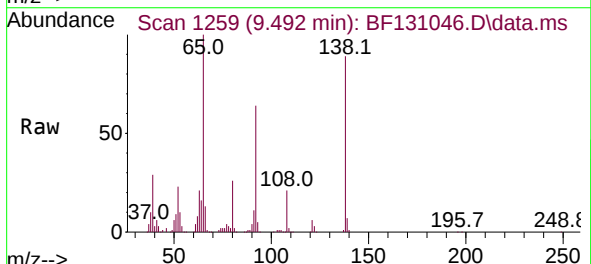
Manual Integrations
APPROVED

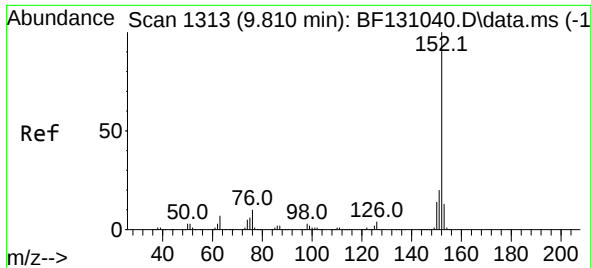
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#48
2-Nitroaniline
Concen: 39.033 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

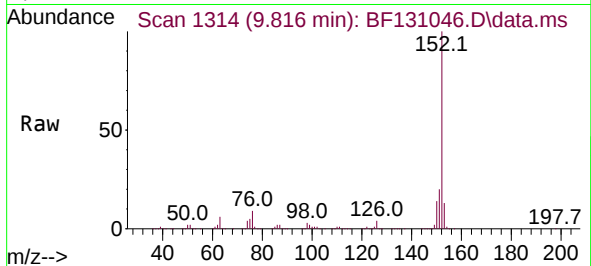
Tgt Ion: 65 Resp: 242714
Ion Ratio Lower Upper
65 100
92 63.8 51.3 76.9
138 89.2 75.0 112.4





#49
Acenaphthylene
Concen: 37.901 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

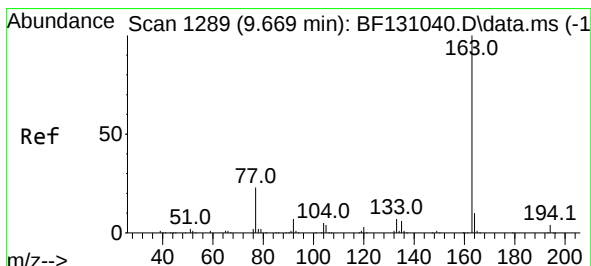
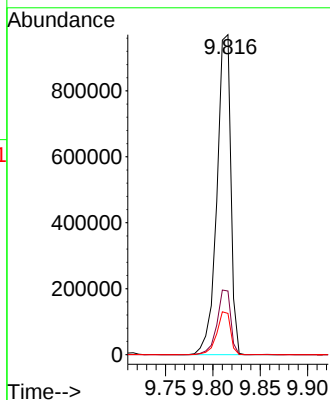
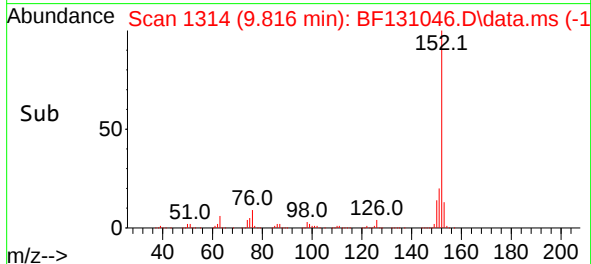
Instrument :
BNA_F
ClientSampleId :
PB148686BS



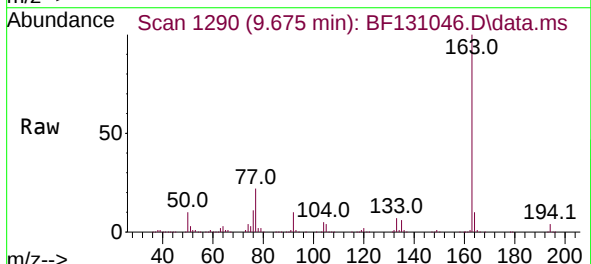
Tgt Ion:152 Resp: 985387
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.9 10.4 15.6

Manual Integrations
APPROVED

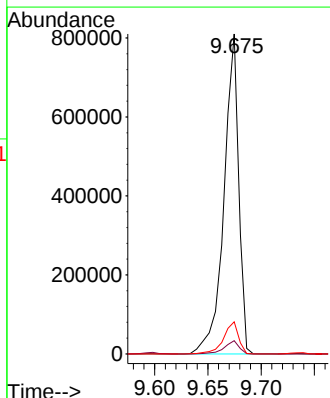
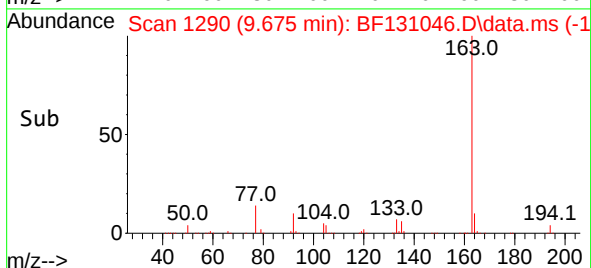
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

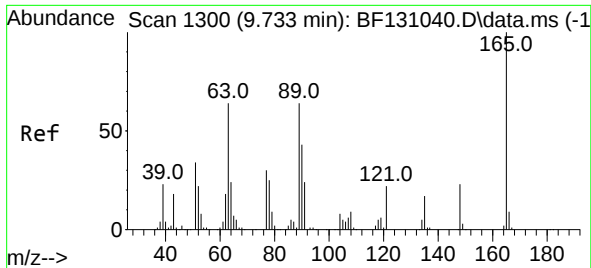


#50
Dimethylphthalate
Concen: 37.778 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:163 Resp: 782221
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.3 12.5





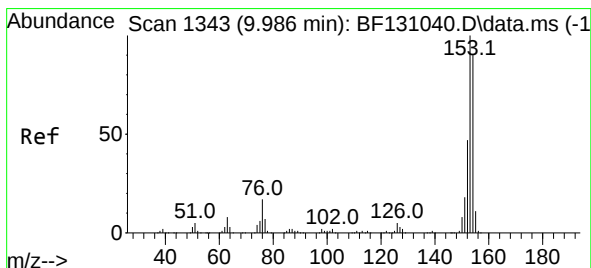
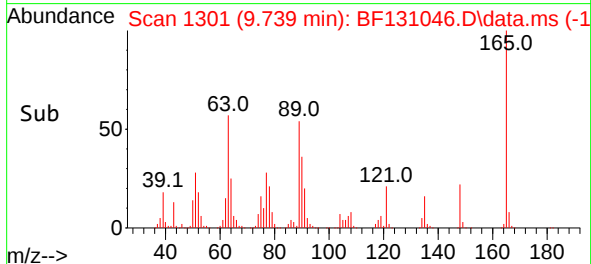
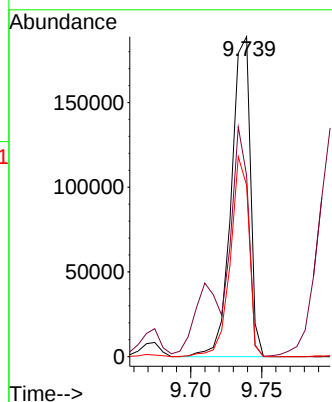
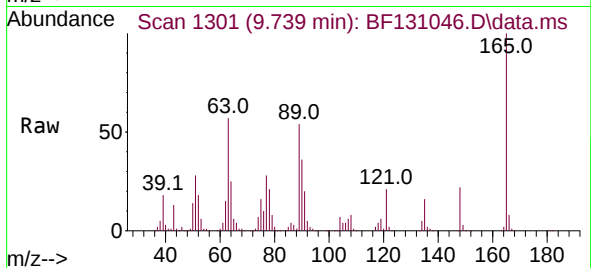
#51
2,6-Dinitrotoluene
Concen: 40.099 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :
BNA_F
ClientSampleId :
PB148686BS

Tgt Ion:165 Resp: 176627
Ion Ratio Lower Upper
165 100
63 56.6 57.2 85.8
89 53.5 51.4 77.2

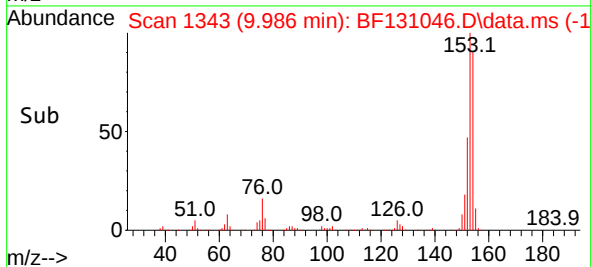
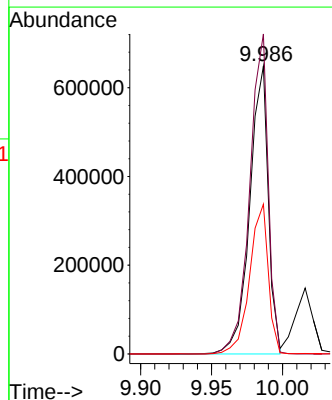
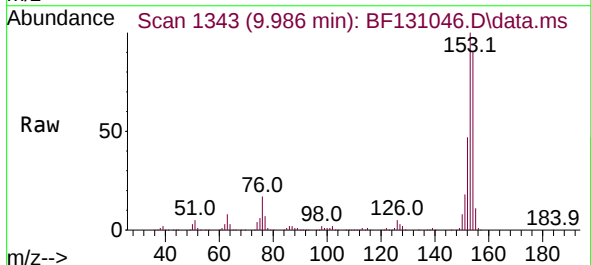
Manual Integrations
APPROVED

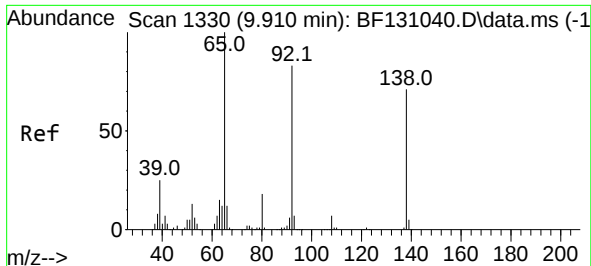
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#52
Acenaphthene
Concen: 37.023 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:154 Resp: 589403
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.6
152 52.1 42.1 63.1





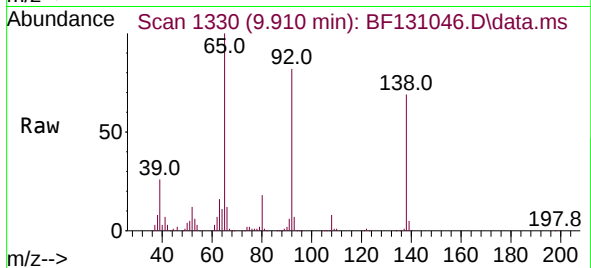
#53
3-Nitroaniline
Concen: 31.657 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

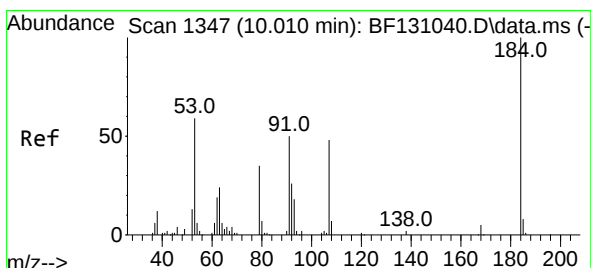
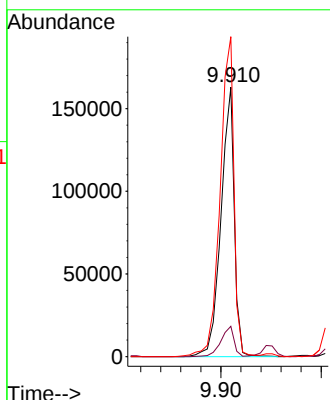
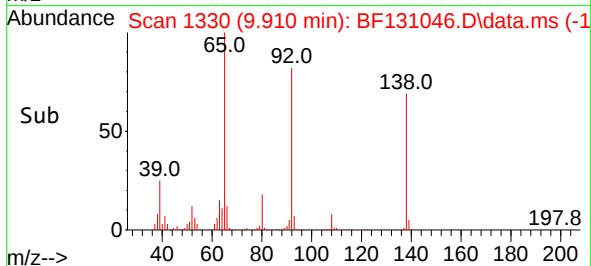


Tgt Ion:138 Resp: 150498
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 118.8 93.8 140.6

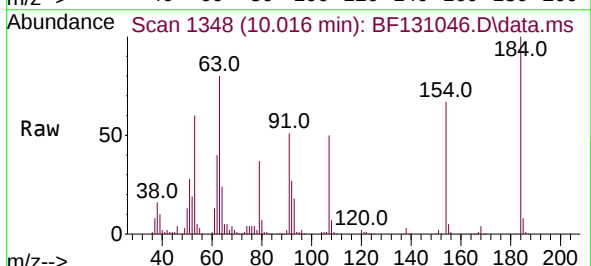
Manual Integrations

APPROVED

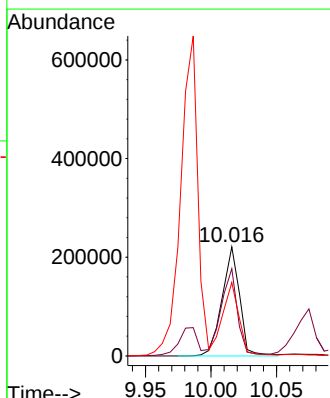
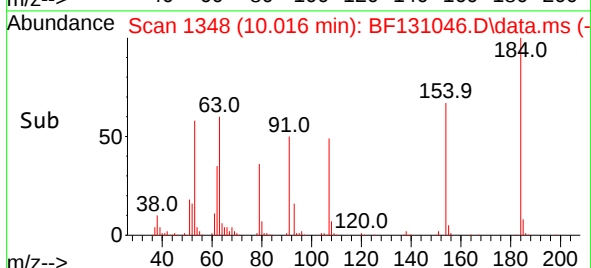
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

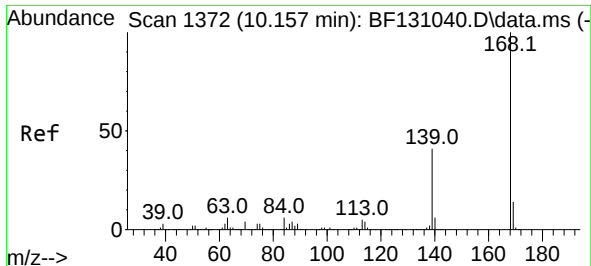


#54
2,4-Dinitrophenol
Concen: 93.136 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



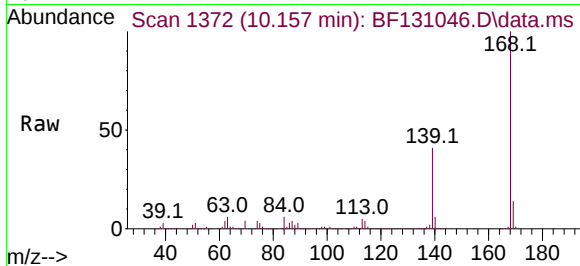
Tgt Ion:184 Resp: 206575
Ion Ratio Lower Upper
184 100
63 79.8 63.8 95.8
154 67.2 53.8 80.6





#55
Dibenzenofuran
Concen: 41.080 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

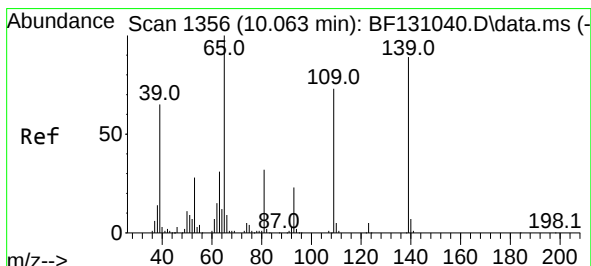
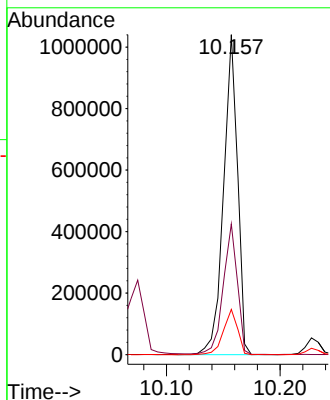
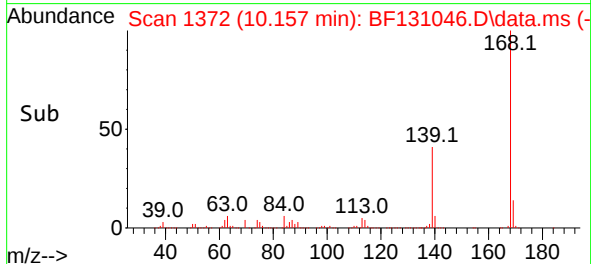
Instrument :
BNA_F
ClientSampleId :
PB148686BS



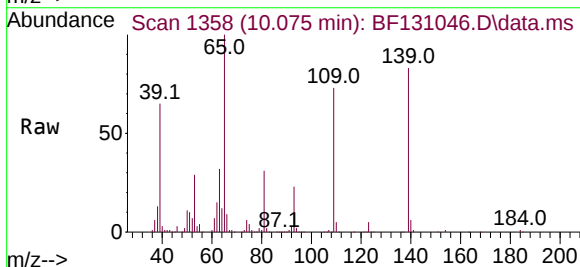
Tgt Ion:168 Resp: 888724
Ion Ratio Lower Upper
168 100
139 40.8 33.0 49.6
169 14.1 11.3 16.9

Manual Integrations
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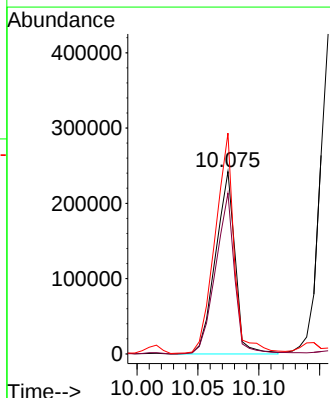
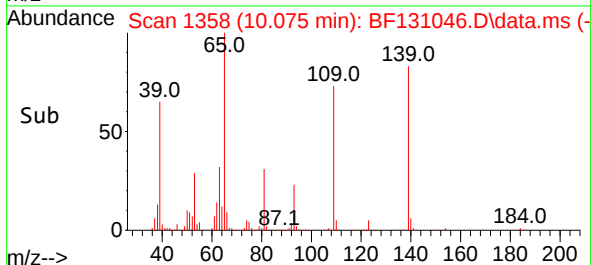
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

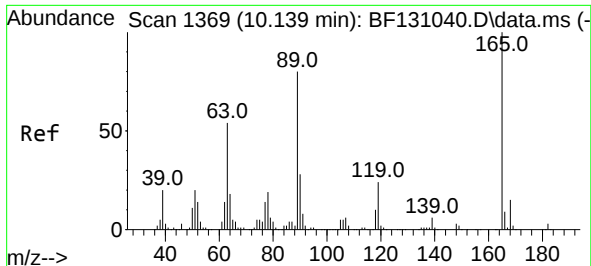


#56
4-Nitrophenol
Concen: 80.697 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



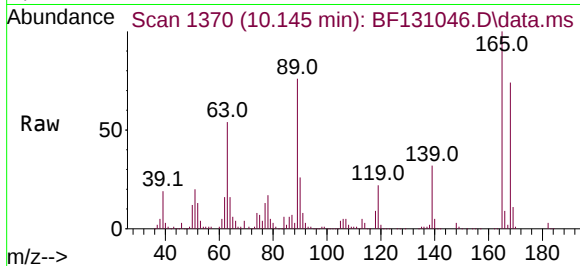
Tgt Ion:139 Resp: 270775
Ion Ratio Lower Upper
139 100
109 88.1 62.3 102.3
65 121.0 92.6 132.6





#57
2,4-Dinitrotoluene
Concen: 40.893 ng
RT: 10.145 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

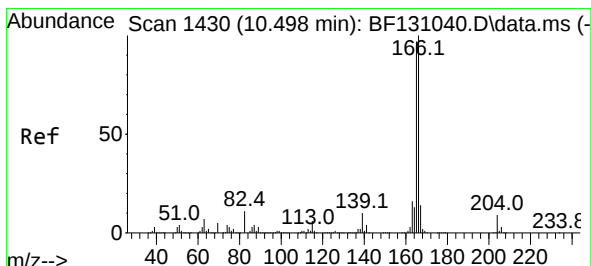
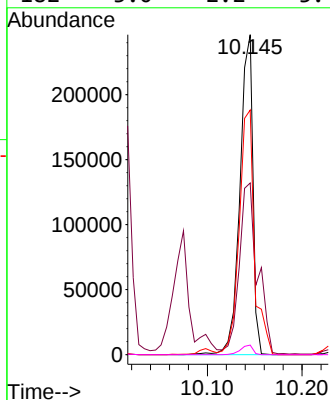
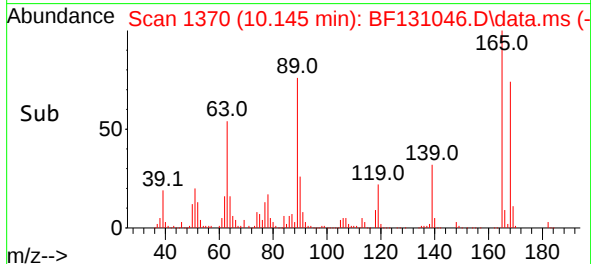
Instrument :
BNA_F
ClientSampleId :
PB148686BS



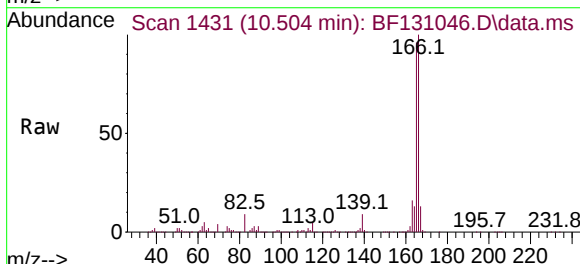
Tgt Ion:165 Resp: 234014
Ion Ratio Lower Upper
165 100
63 53.6 43.4 65.0
89 76.4 64.0 96.0
182 3.0 2.2 3.4

Manual Integrations
APPROVED

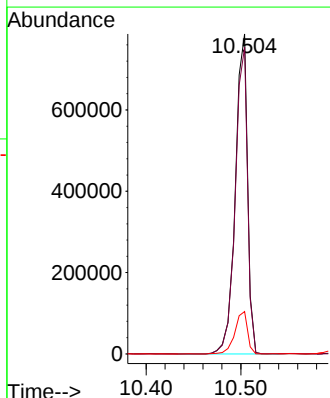
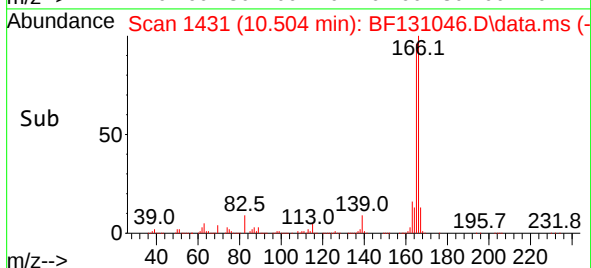
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

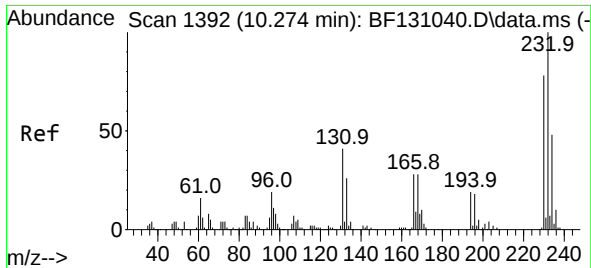


#58
Fluorene
Concen: 36.778 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:166 Resp: 708008
Ion Ratio Lower Upper
166 100
165 95.8 77.2 115.8
167 13.2 10.8 16.2





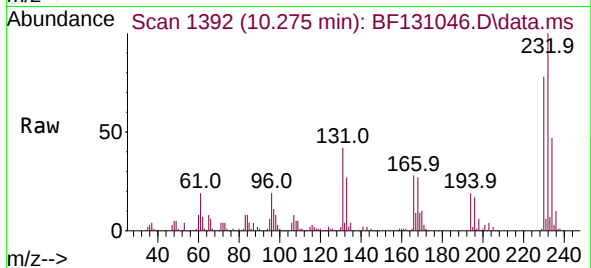
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.594 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

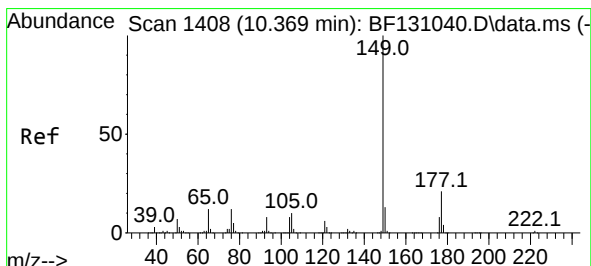
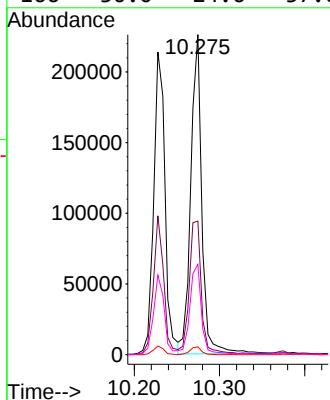
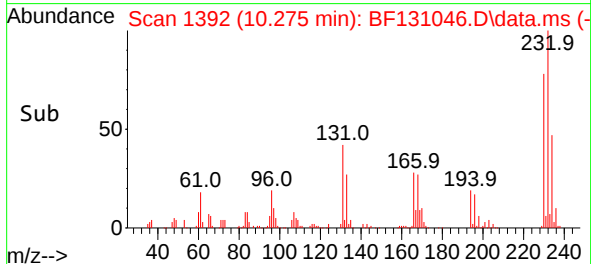


Tgt Ion:232 Resp: 203063
Ion Ratio Lower Upper
232 100
131 47.1 37.8 56.6
130 2.5 2.2 3.2
166 30.0 24.6 37.0

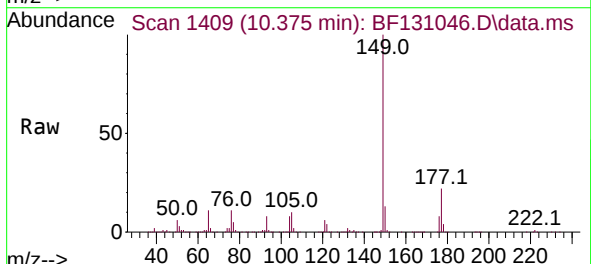
Manual Integrations

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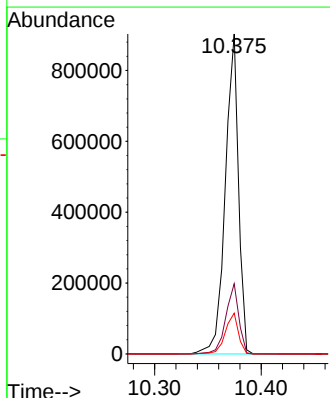
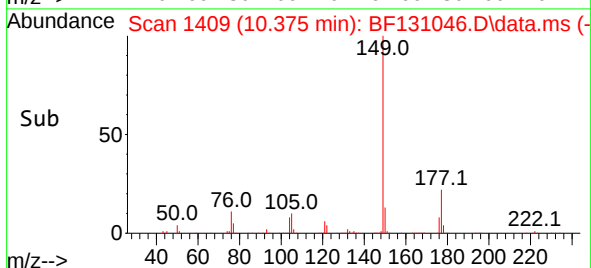
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

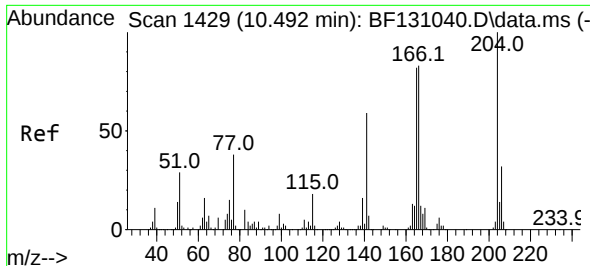


#60
Diethylphthalate
Concen: 36.079 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:149 Resp: 778552
Ion Ratio Lower Upper
149 100
177 22.0 16.6 25.0
150 12.7 10.2 15.2





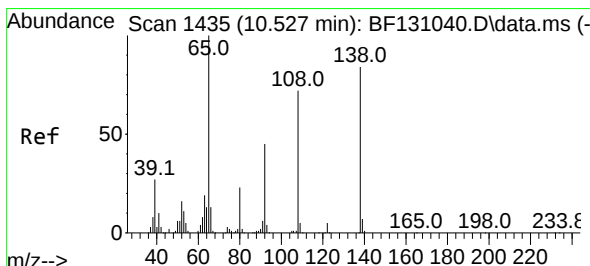
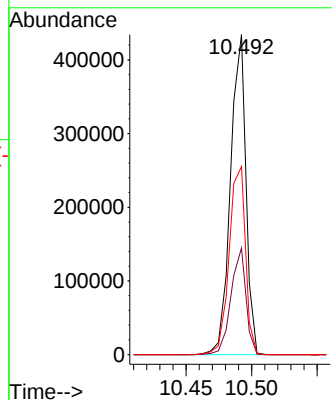
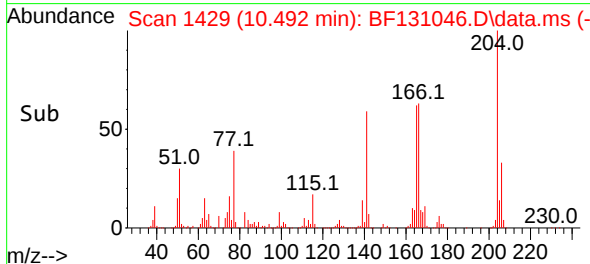
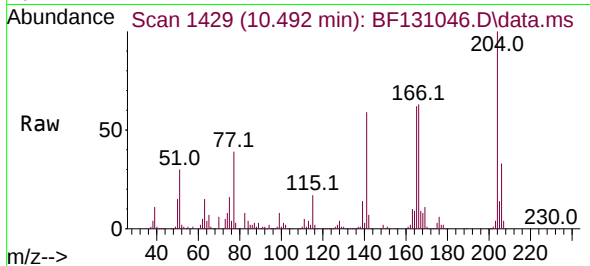
#61
4-Chlorophenyl-phenylether
Concen: 37.251 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :
BNA_F
ClientSampleId :
PB148686BS

Tgt Ion:204 Resp: 355188
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 58.8 47.1 70.7

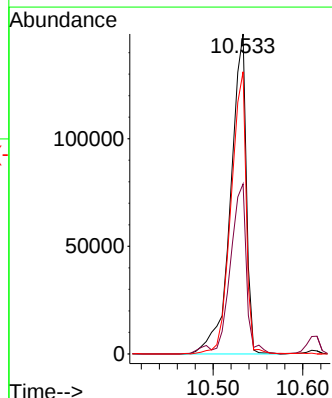
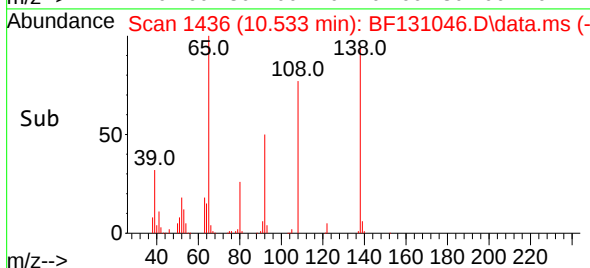
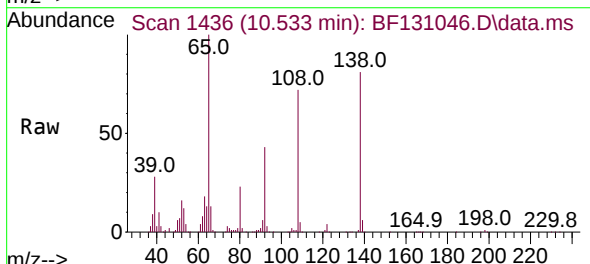
Manual Integrations
APPROVED

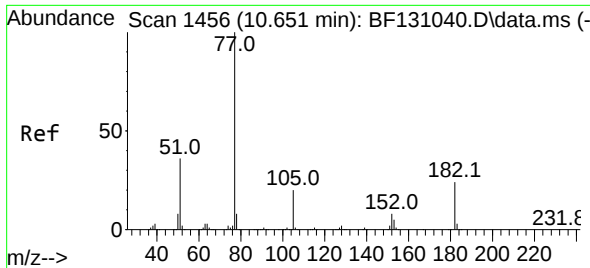
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#62
4-Nitroaniline
Concen: 37.140 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

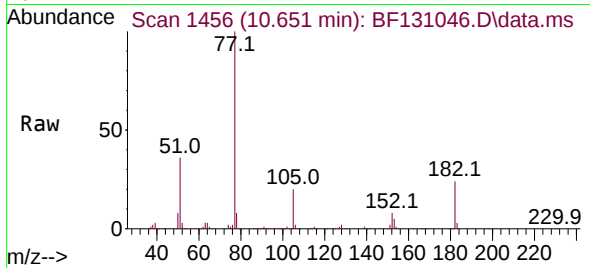
Tgt Ion:138 Resp: 180994
Ion Ratio Lower Upper
138 100
92 53.1 33.5 73.5
108 88.2 66.0 106.0





#63
Azobenzene
Concen: 37.165 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

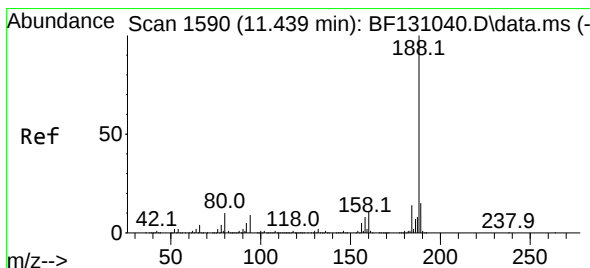
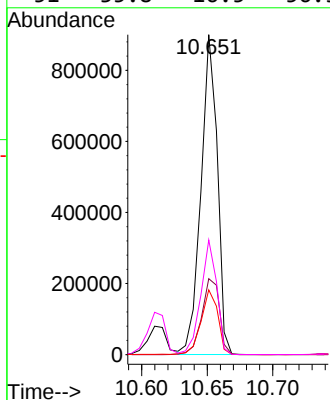
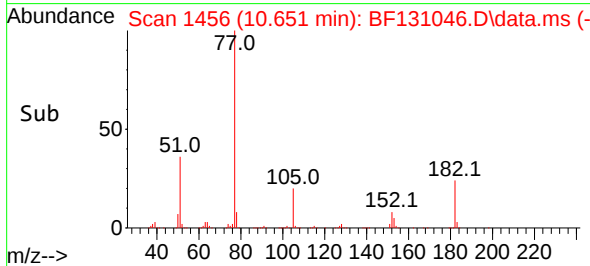
Instrument :
BNA_F
ClientSampleId :
PB148686BS



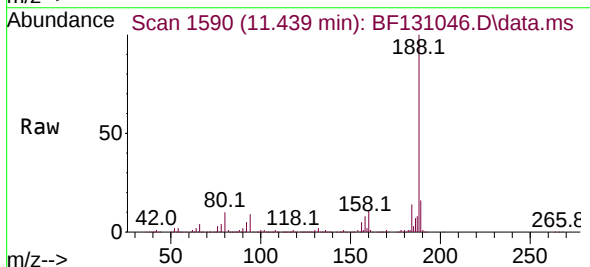
Tgt Ion: 77 Resp: 779506
Ion Ratio Lower Upper
77 100
182 23.7 3.9 43.9
105 20.2 0.0 39.9
51 35.8 16.5 56.5

Manual Integrations
APPROVED

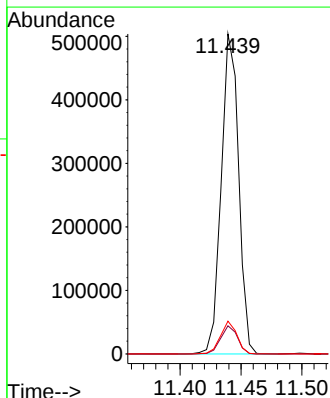
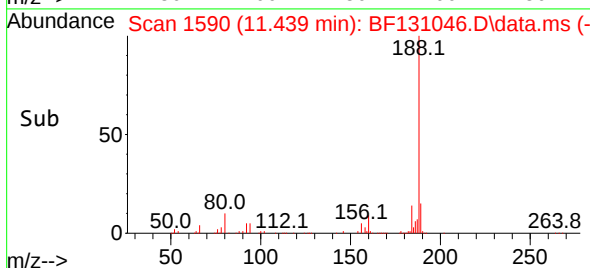
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

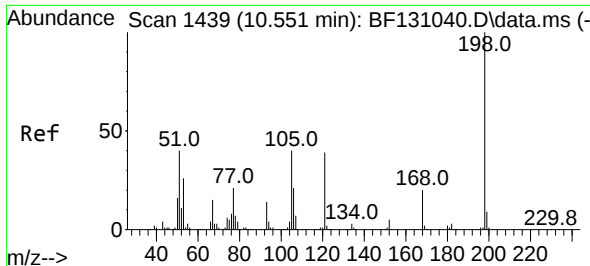


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:188 Resp: 498626
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.2 8.1 12.1





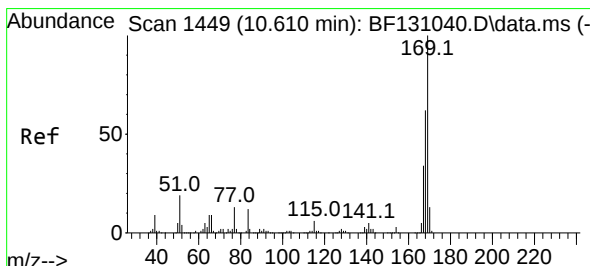
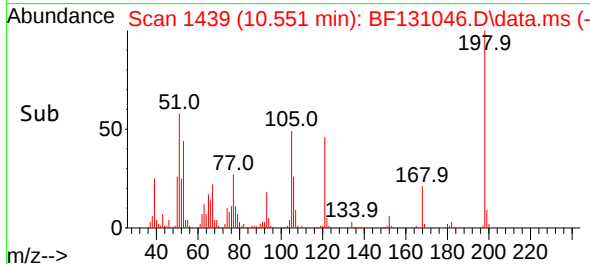
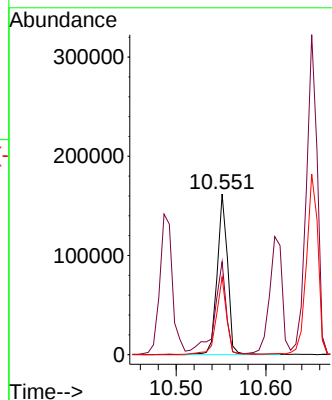
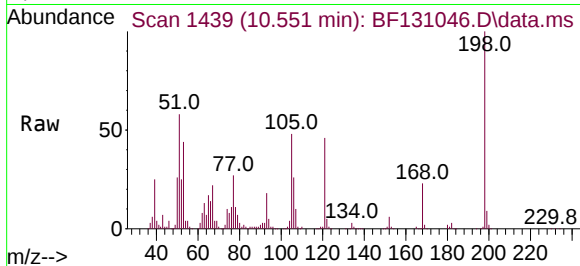
#65
4,6-Dinitro-2-methylphenol
Concen: 41.245 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :
BNA_F
ClientSampleId :
PB148686BS

Tgt Ion:198 Resp: 130500
Ion Ratio Lower Upper
198 100
51 57.8 24.0 64.0
105 48.4 20.3 60.3

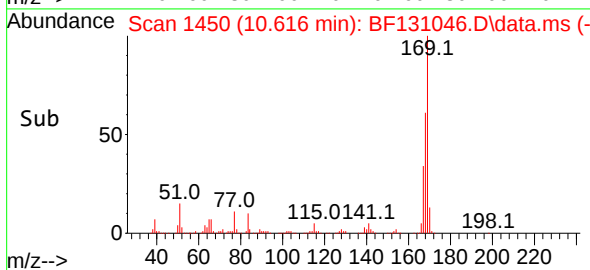
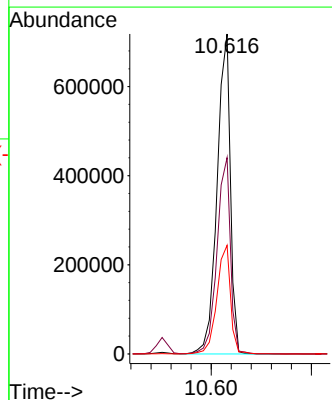
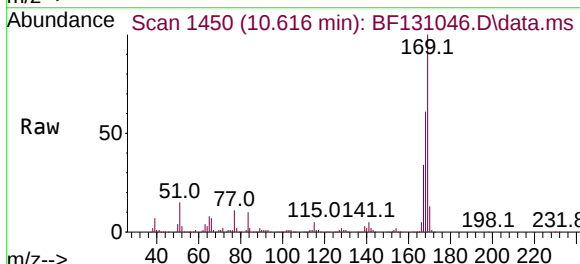
Manual Integrations
APPROVED

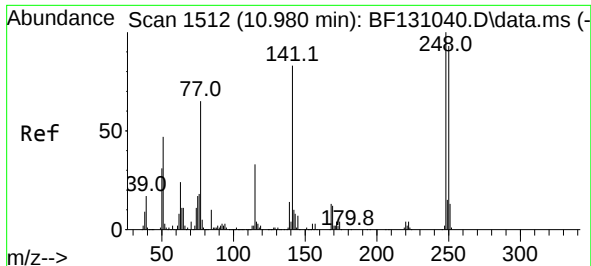
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#66
n-Nitrosodiphenylamine
Concen: 37.526 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:169 Resp: 661184
Ion Ratio Lower Upper
169 100
168 61.3 49.4 74.2
167 33.9 27.2 40.8





#67
4-Bromophenyl-phenylether
Concen: 36.410 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

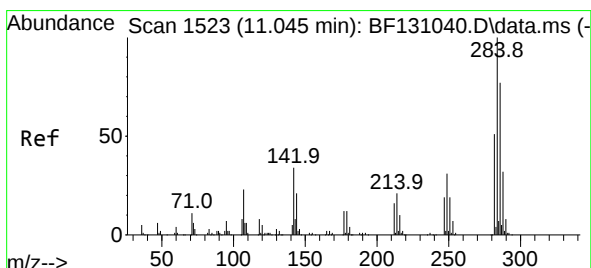
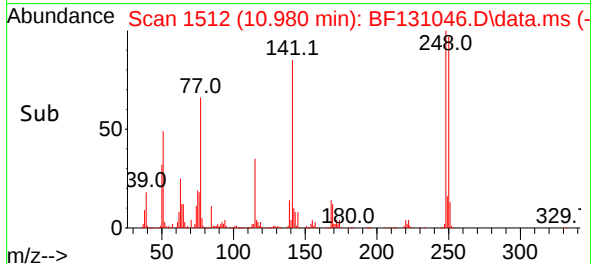
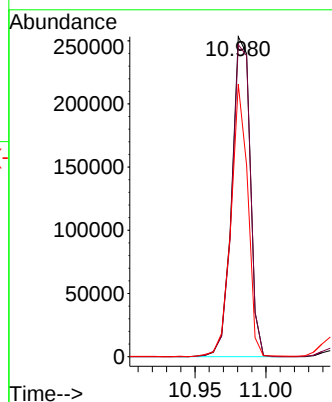
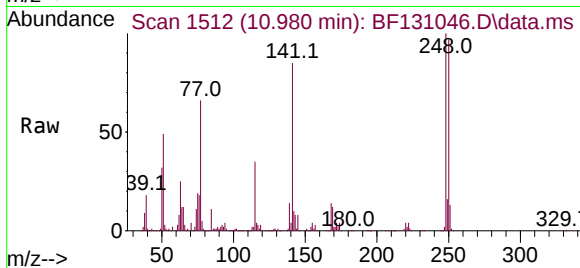
PB148686BS

Tgt Ion:248 Resp: 228108
Ion Ratio Lower Upper
248 100
250 97.5 74.6 112.0
141 85.1 66.2 99.2

Manual Integrations

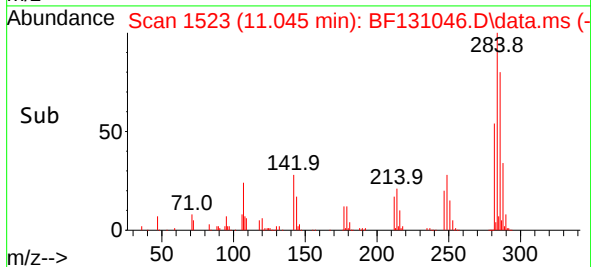
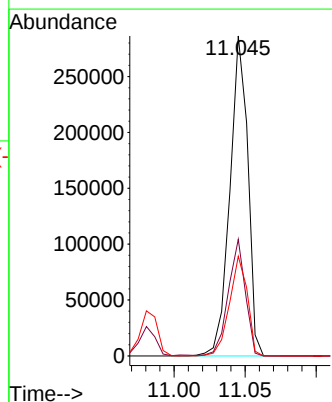
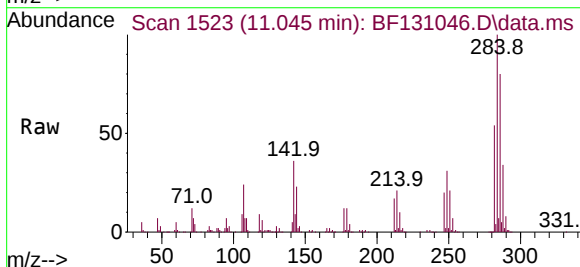
APPROVED

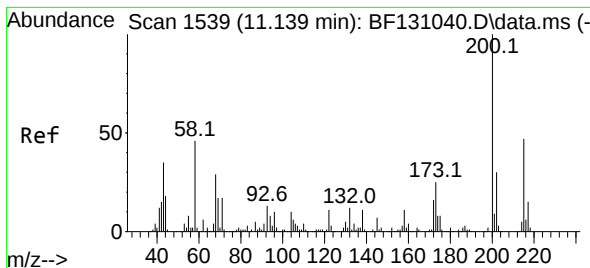
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#68
Hexachlorobenzene
Concen: 36.977 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

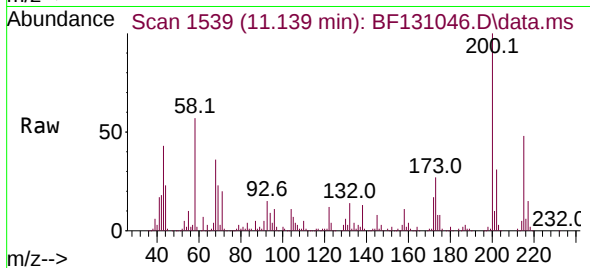
Tgt Ion:284 Resp: 251285
Ion Ratio Lower Upper
284 100
142 36.4 27.4 41.2
249 31.1 25.1 37.7





#69
 Atrazine
 Concen: 41.149 ng
 RT: 11.139 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

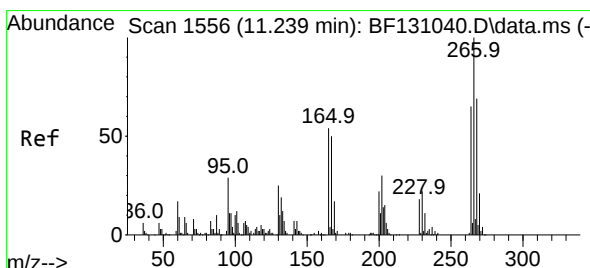
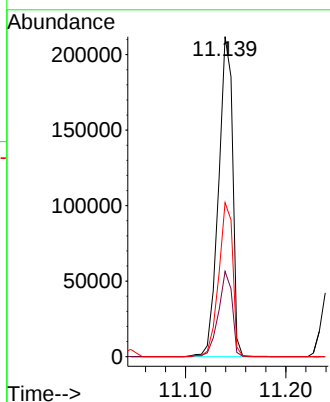
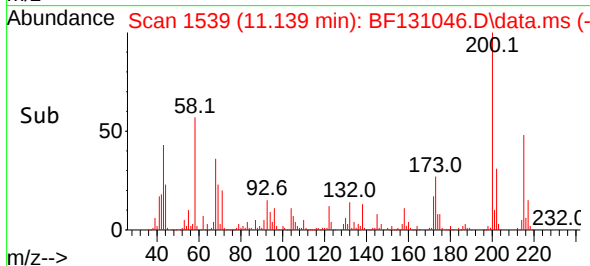
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS



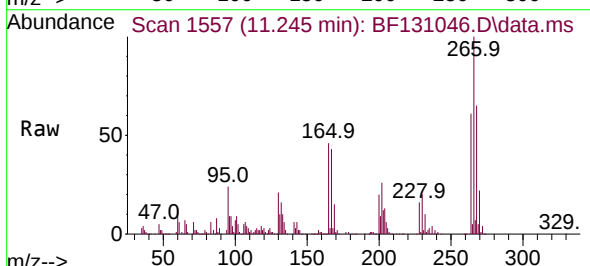
Tgt Ion:200 Resp: 20623
 Ion Ratio Lower Upper
 200 100
 173 26.6 5.1 45.1
 215 48.1 27.5 67.5

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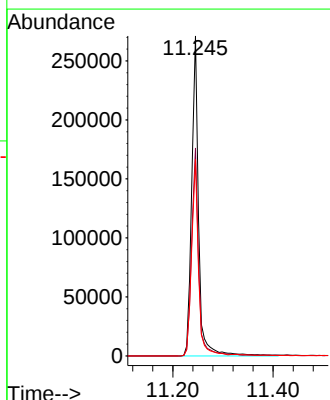
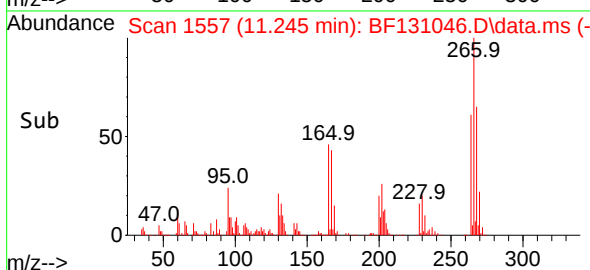
Reviewed By :Christian Giraldo 11/08/2022
 Supervised By :Jagrut Upadhyay 11/08/2022

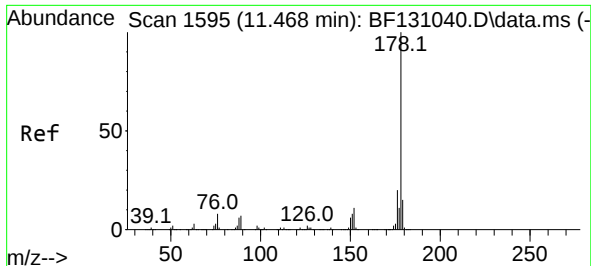


#70
 Pentachlorophenol
 Concen: 87.822 ng
 RT: 11.245 min Scan# 1557
 Delta R.T. 0.006 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24



Tgt Ion:266 Resp: 258940
 Ion Ratio Lower Upper
 266 100
 268 65.0 54.8 82.2
 264 61.4 52.3 78.5





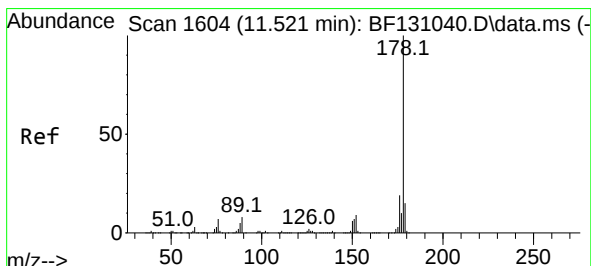
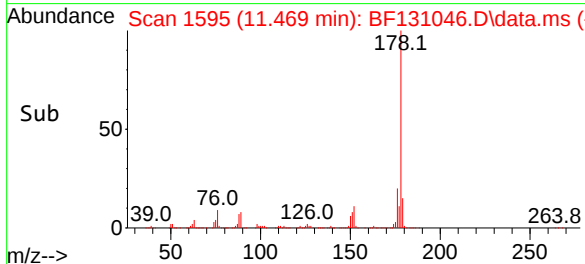
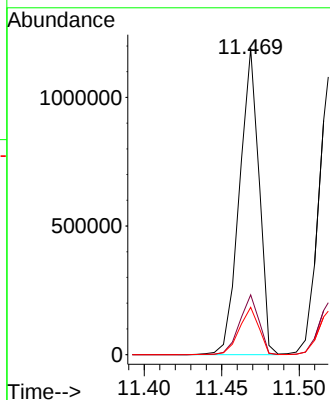
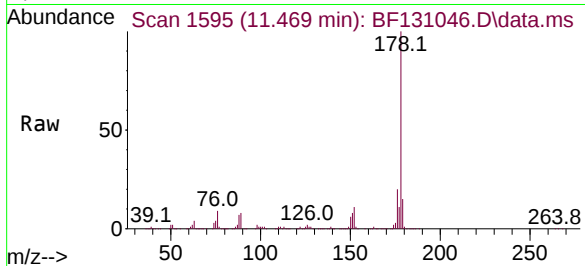
#71
Phenanthrene
Concen: 37.102 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.001 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :
BNA_F
ClientSampleId :
PB148686BS

Tgt Ion:178 Resp: 1042046
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.5 12.3 18.5

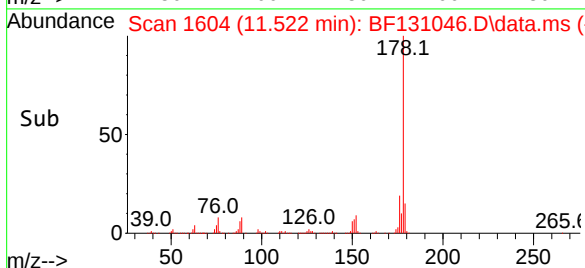
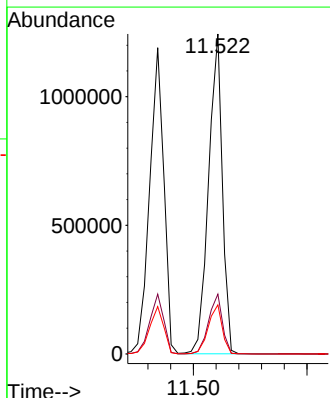
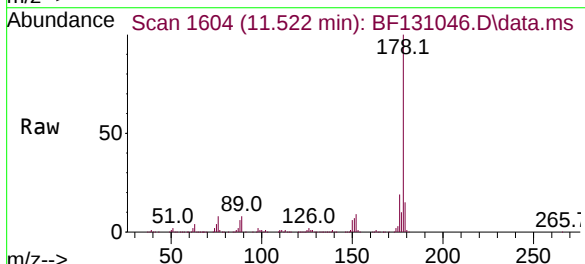
Manual Integrations
APPROVED

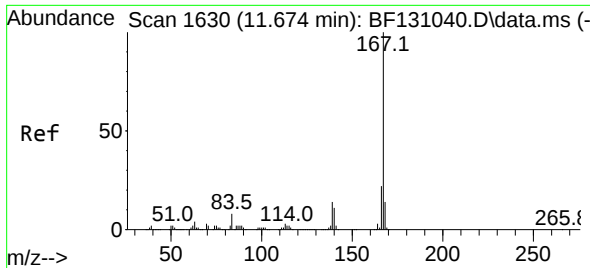
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#72
Anthracene
Concen: 38.121 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

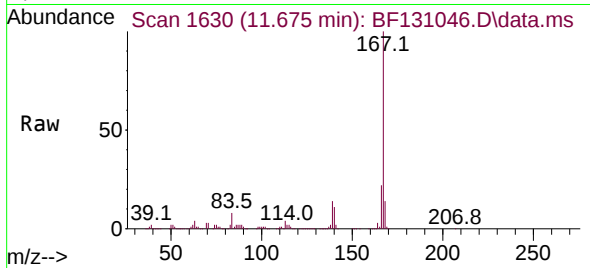
Tgt Ion:178 Resp: 1050922
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 39.201 ng
 RT: 11.675 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

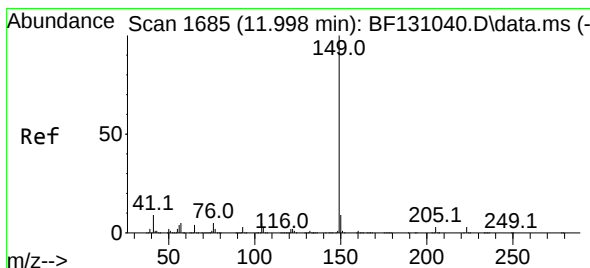
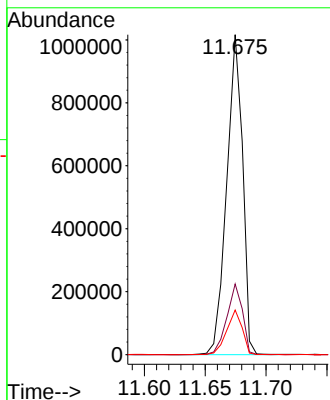
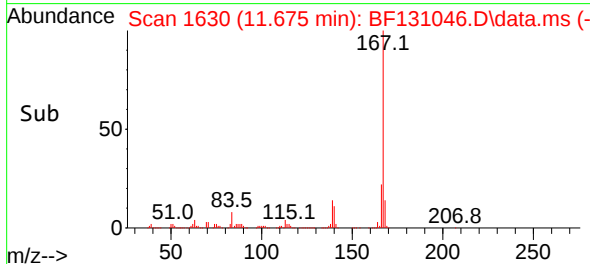
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS



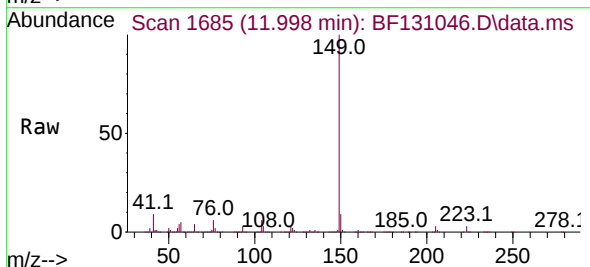
Tgt Ion:167 Resp: 924598
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 13.9 11.0 16.4

Manual Integrations
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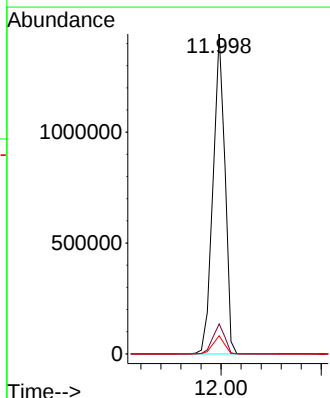
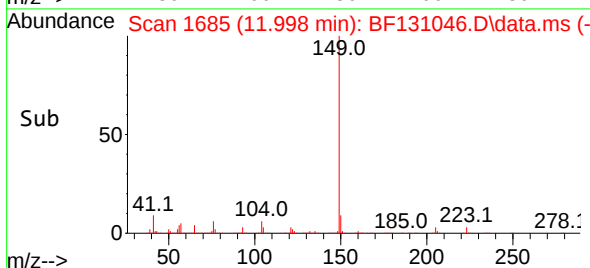
Reviewed By :Christian Giraldo 11/08/2022
 Supervised By :Jagrut Upadhyay 11/08/2022

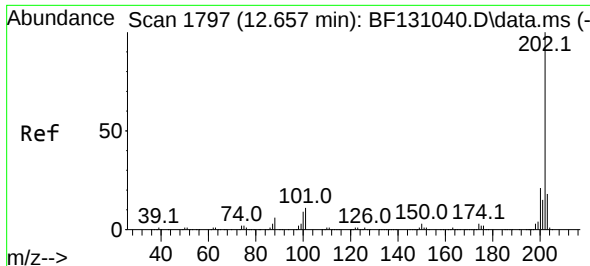


#74
 Di-n-butylphthalate
 Concen: 37.401 ng
 RT: 11.998 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24



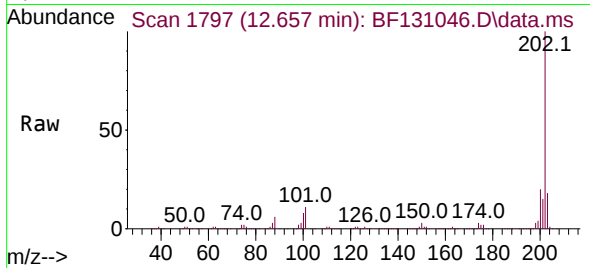
Tgt Ion:149 Resp: 1181581
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 36.413 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

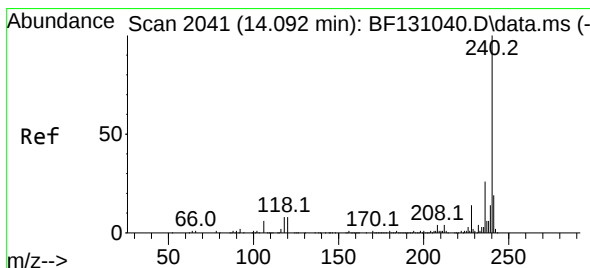
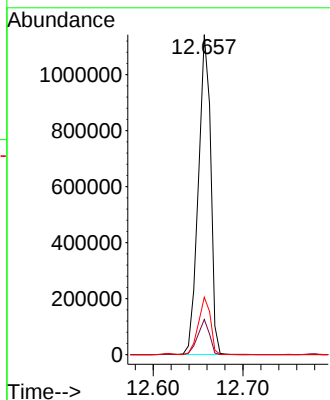
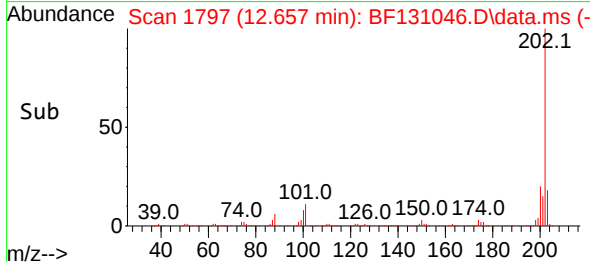
Instrument :
BNA_F
ClientSampleId :
PB148686BS



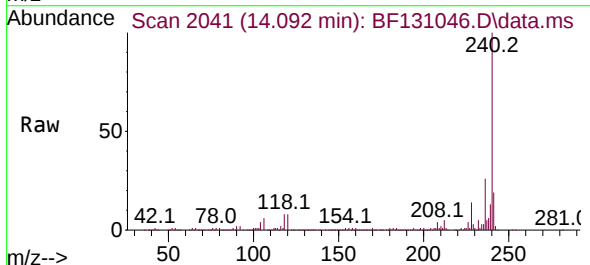
Tgt Ion:202 Resp: 1085543
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.9
203 18.0 0.0 37.8

Manual Integrations
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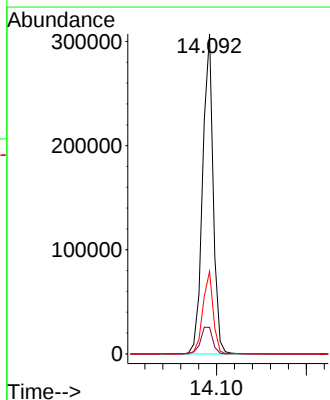
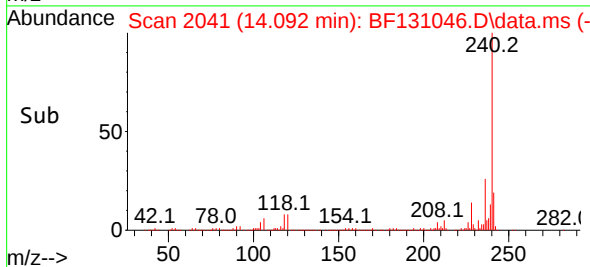
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

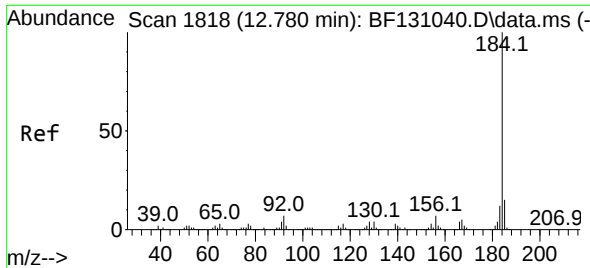


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



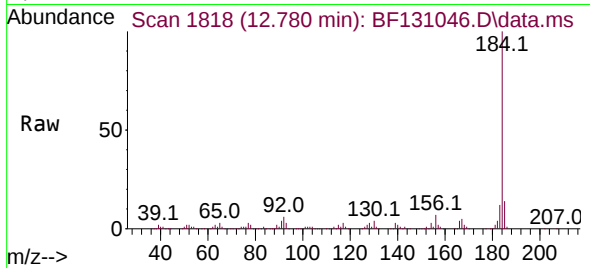
Tgt Ion:240 Resp: 250318
Ion Ratio Lower Upper
240 100
120 8.3 6.7 10.1
236 25.8 20.8 31.2





#77
Benzidine
Concen: 49.084 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

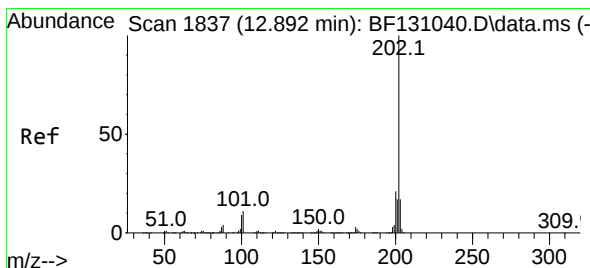
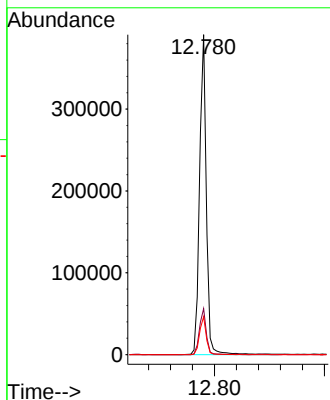
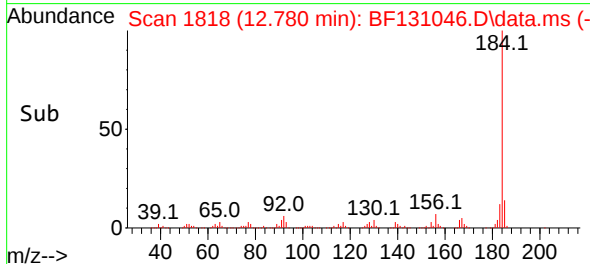
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion:184 Resp: 331416
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.8 10.0 15.0

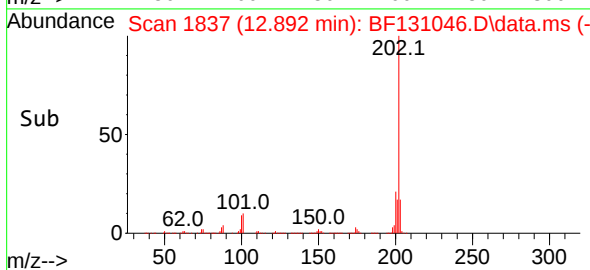
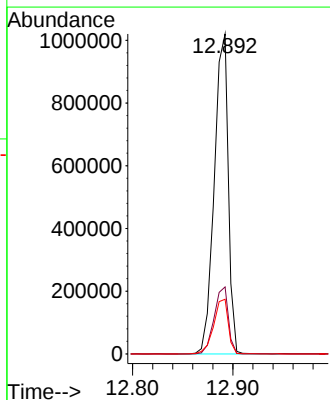
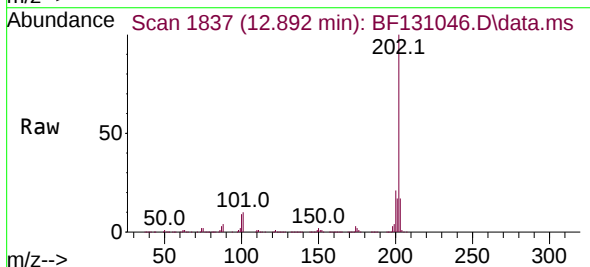
Manual Integrations
APPROVED

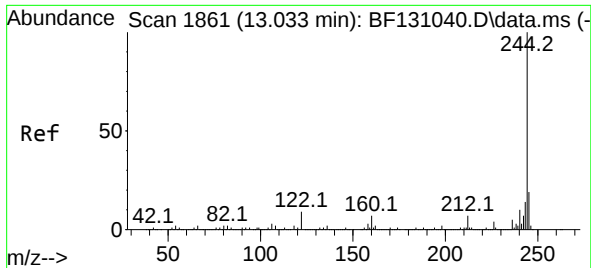
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#78
Pyrene
Concen: 43.479 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:202 Resp: 991193
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.1 13.8 20.8





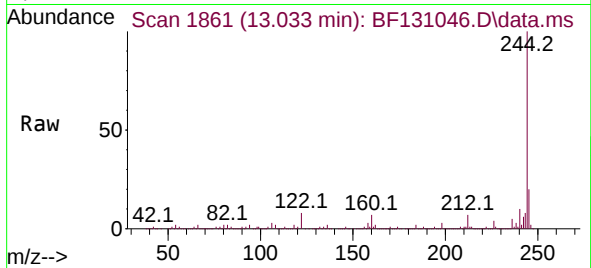
#79
 Terphenyl-d14
 Concen: 90.268 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

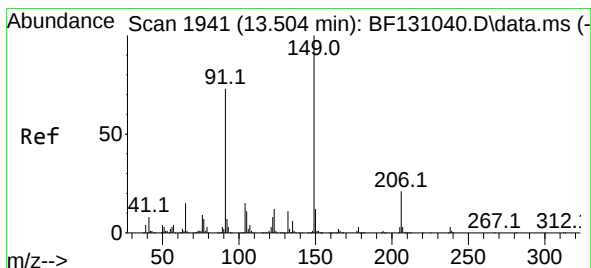
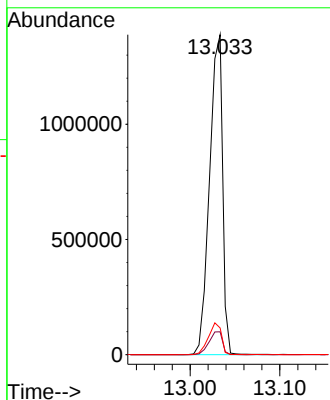
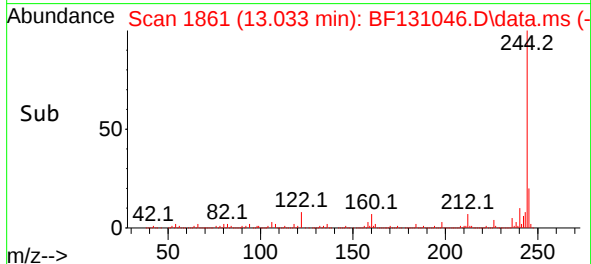


Tgt Ion:244 Resp: 140937
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.3 7.0 10.4

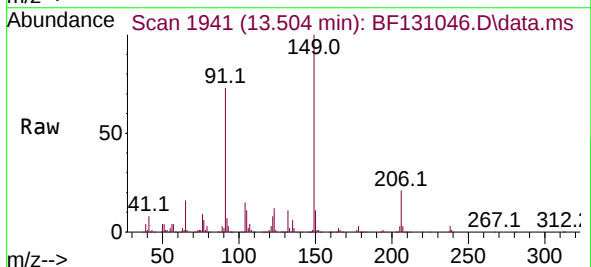
Manual Integrations

APPROVED

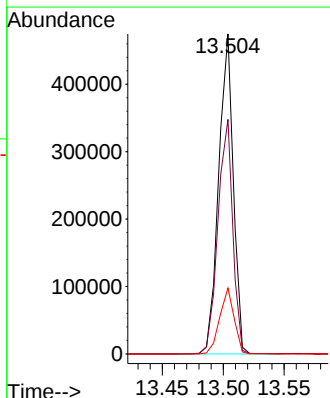
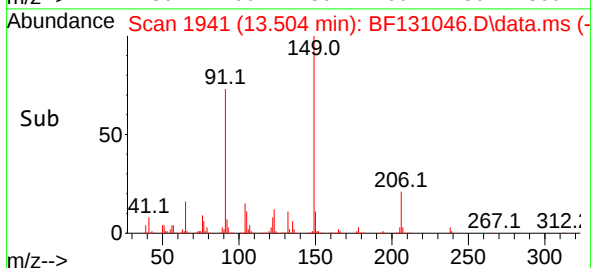
Reviewed By :Christian Giraldo 11/08/2022
 Supervised By :Jagrut Upadhyay 11/08/2022

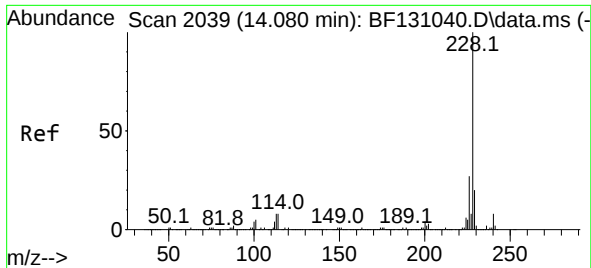


#80
 Butylbenzylphthalate
 Concen: 44.046 ng
 RT: 13.504 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24



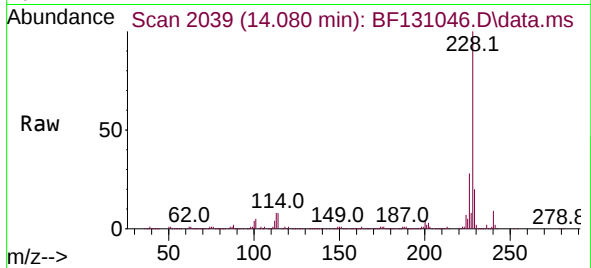
Tgt Ion:149 Resp: 395594
 Ion Ratio Lower Upper
 149 100
 91 73.3 58.3 87.5
 206 20.6 16.5 24.7





#81
Benzo(a)anthracene
Concen: 39.065 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

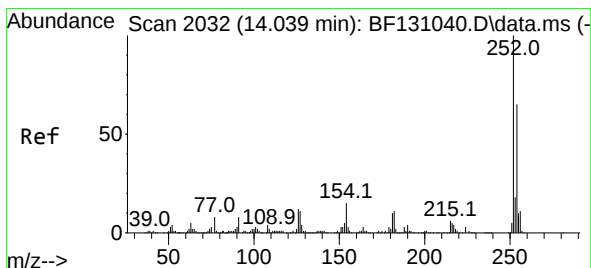
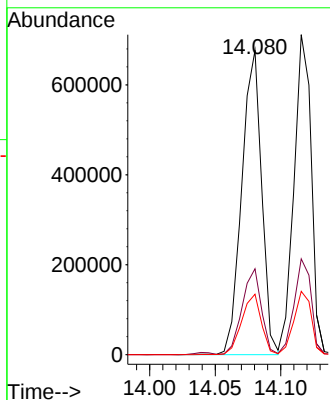
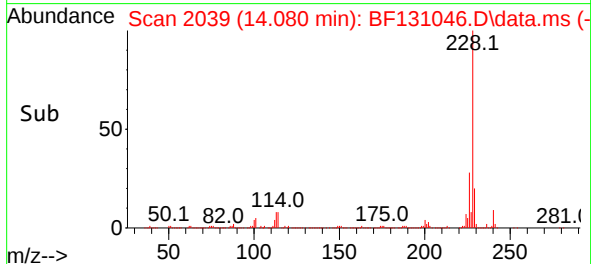
Instrument :
BNA_F
ClientSampleId :
PB148686BS



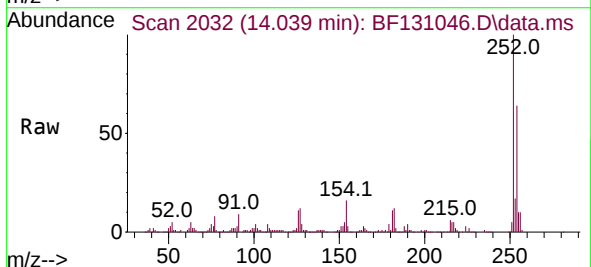
Tgt Ion:228 Resp: 710023
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.8
229 19.9 15.8 23.6

Manual Integrations
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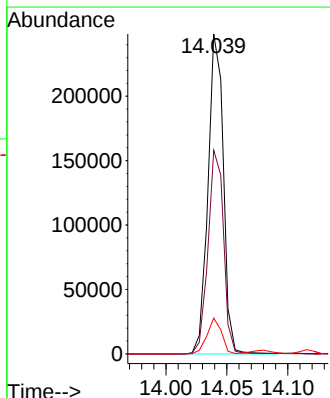
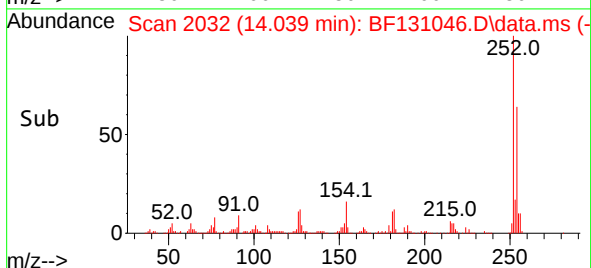
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

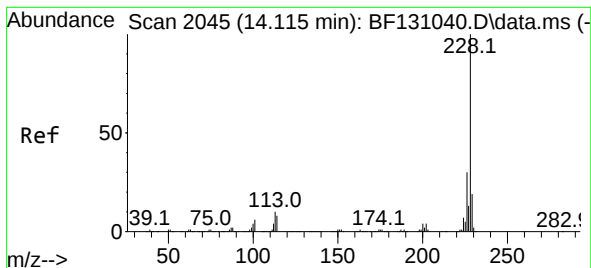


#82
3,3'-Dichlorobenzidine
Concen: 44.135 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:252 Resp: 217984
Ion Ratio Lower Upper
252 100
254 63.7 51.7 77.5
126 11.2 9.2 13.8





#83

Chrysene

Concen: 37.924 ng

RT: 14.116 min Scan# 2045

Delta R.T. 0.001 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

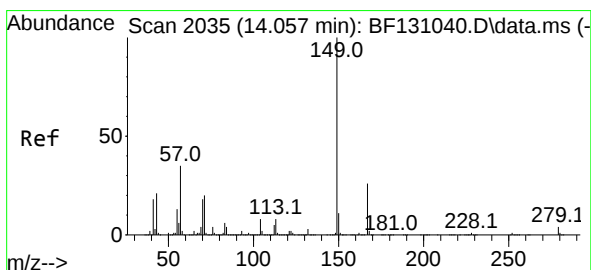
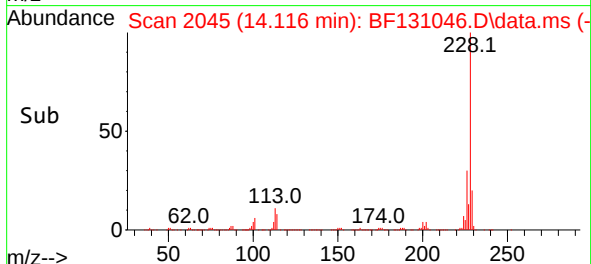
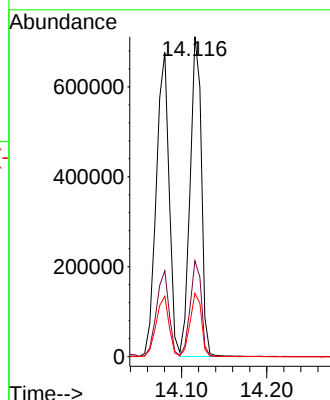
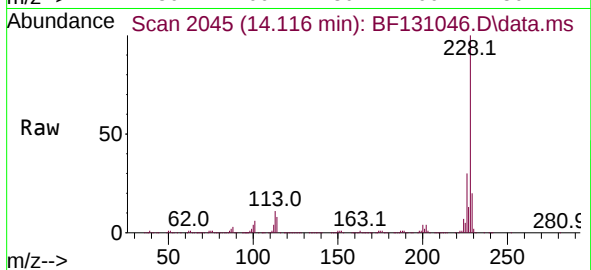
PB148686BS

Tgt Ion:228 Resp: 654576
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.7 35.5
 229 19.8 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/08/2022
 Supervised By :Jagrut Upadhyay 11/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.321 ng

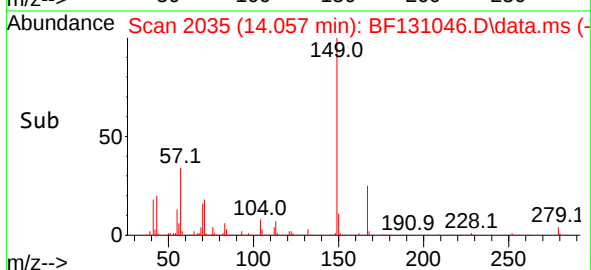
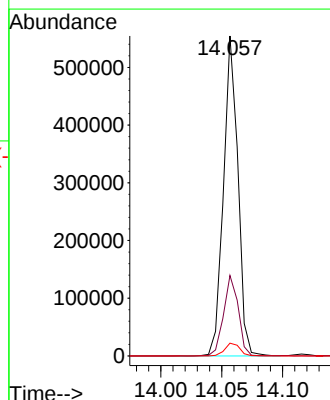
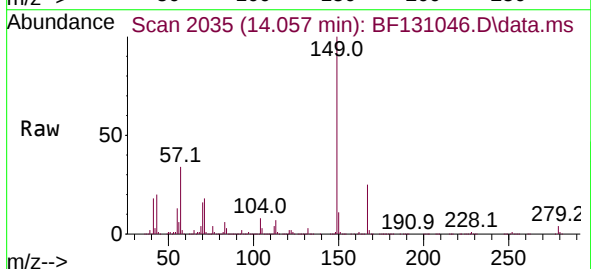
RT: 14.057 min Scan# 2035

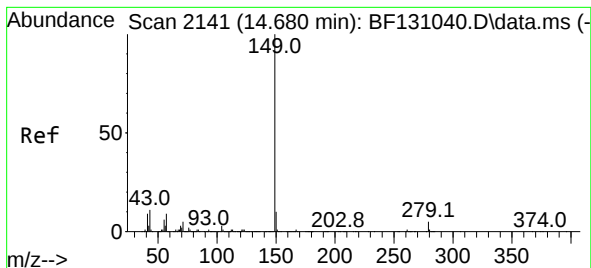
Delta R.T. -0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Tgt Ion:149 Resp: 456030
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.8 31.2
 279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 38.805 ng

RT: 14.674 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

Tgt Ion:149 Resp: 568996

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

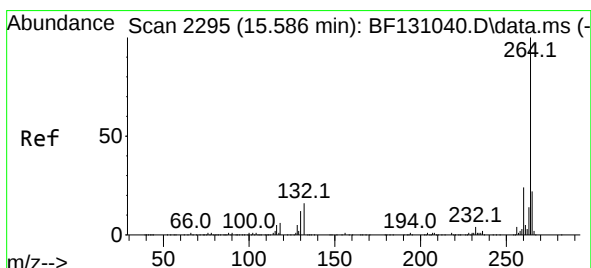
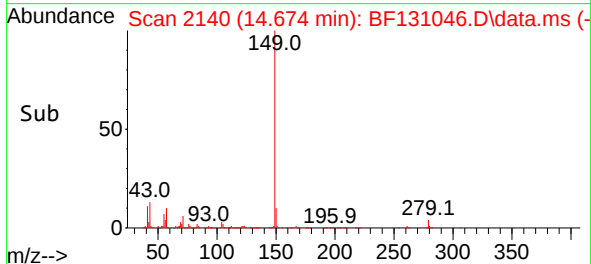
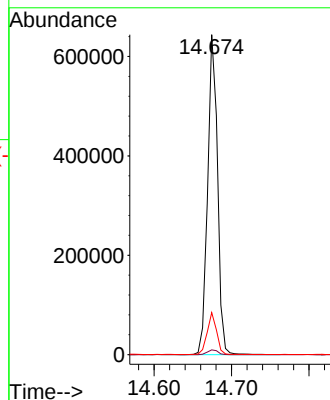
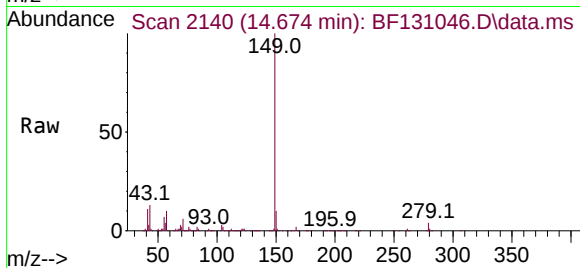
43 12.5 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/08/2022

Supervised By :Jagrut Upadhyay 11/08/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2295

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

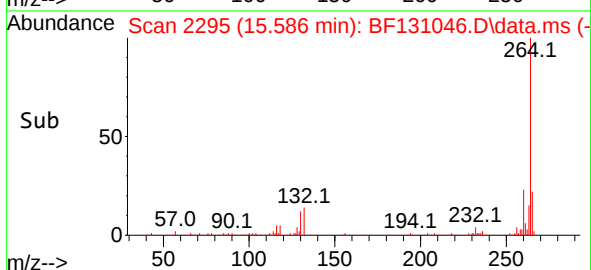
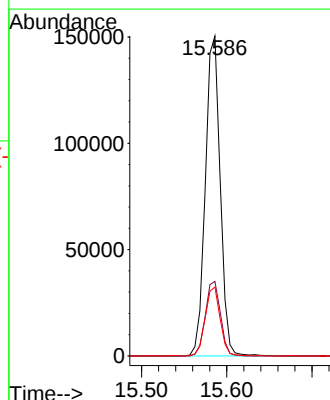
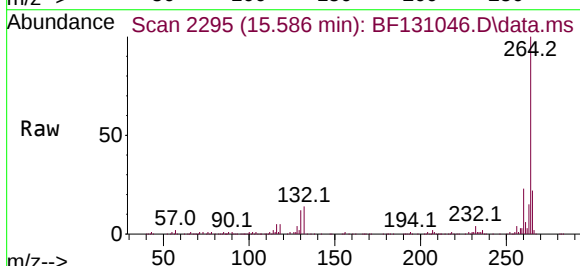
Tgt Ion:264 Resp: 182097

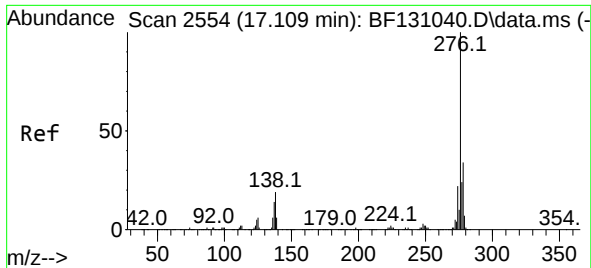
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.6 17.3 25.9





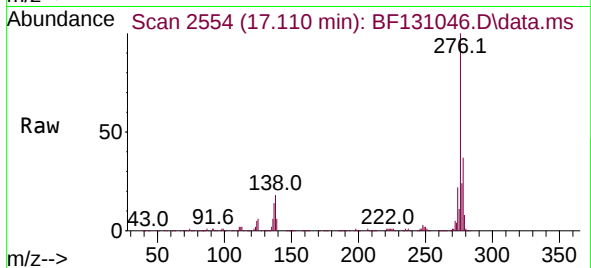
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.592 ng
RT: 17.110 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

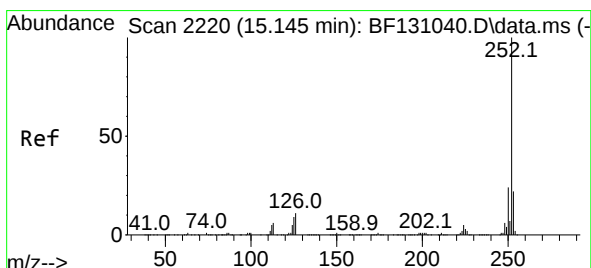
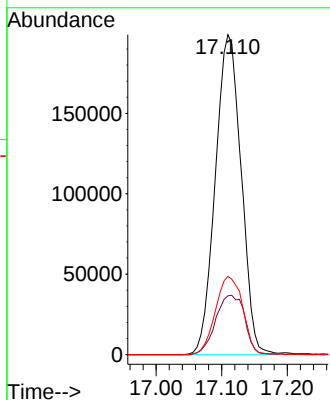
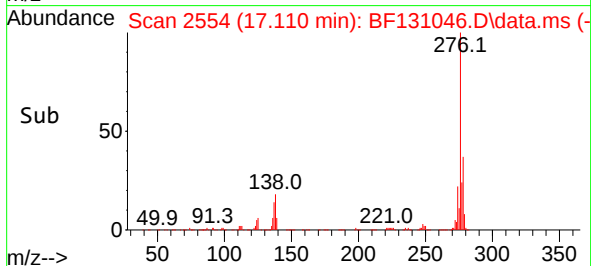


Tgt Ion:276 Resp: 545550
Ion Ratio Lower Upper
276 100
138 20.8 17.3 25.9
277 25.8 20.2 30.4

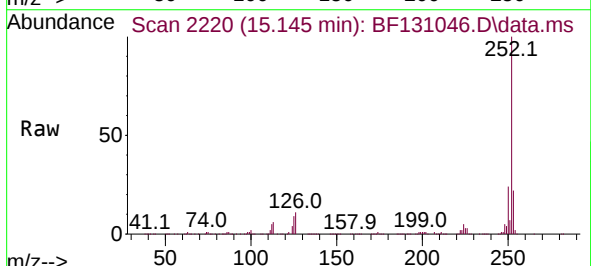
Manual Integrations

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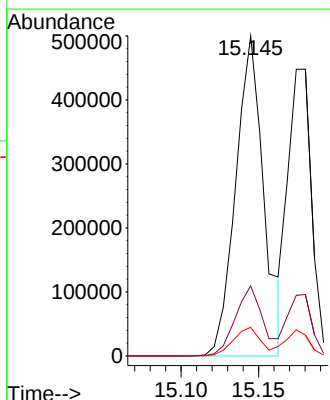
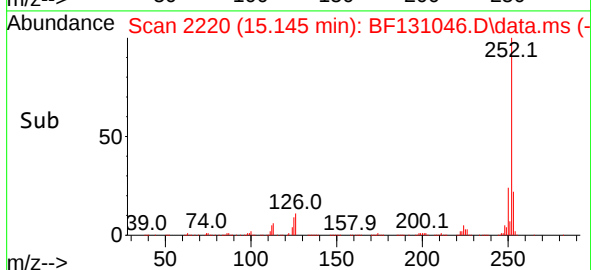
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

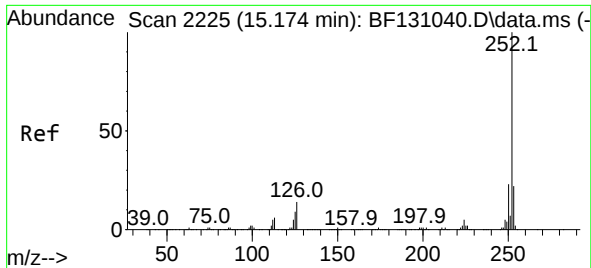


#88
Benzo(b)fluoranthene
Concen: 47.564 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



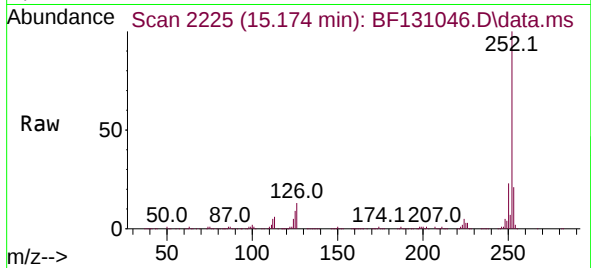
Tgt Ion:252 Resp: 629418
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.9 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 37.219 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

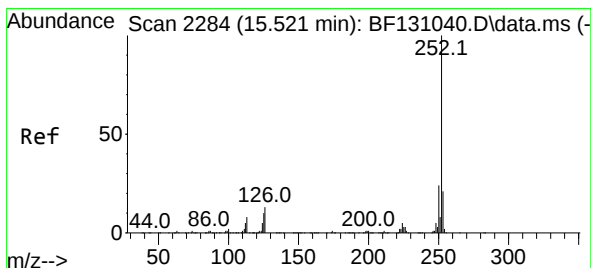
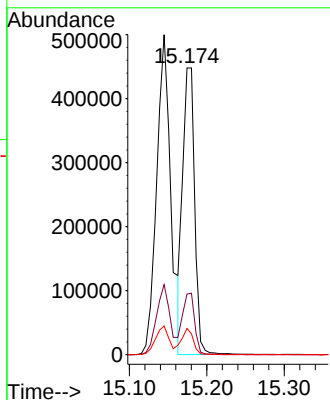
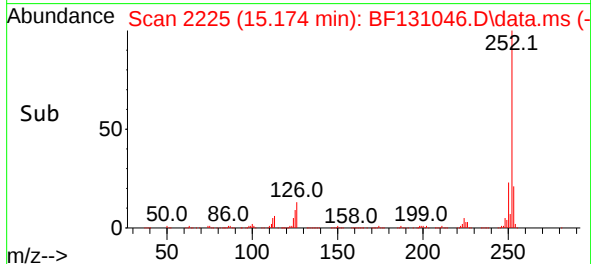
Instrument :
BNA_F
ClientSampleId :
PB148686BS



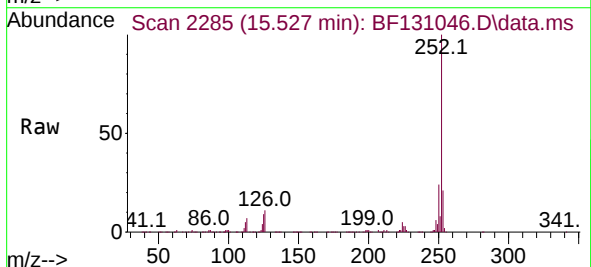
Tgt Ion:252 Resp: 479856
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 9.2 7.2 10.8

Manual Integrations
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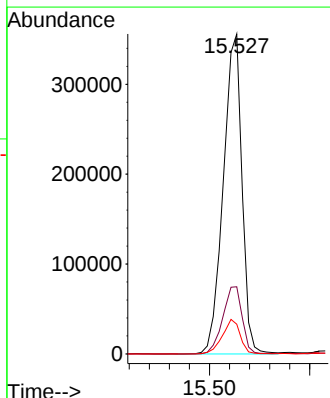
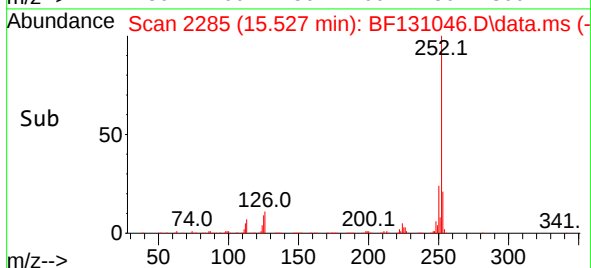
Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

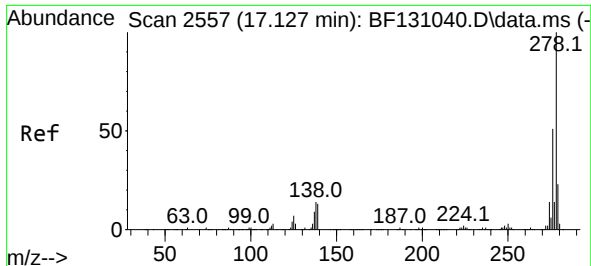


#90
Benzo(a)pyrene
Concen: 43.856 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:252 Resp: 461395
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 9.3 7.9 11.9





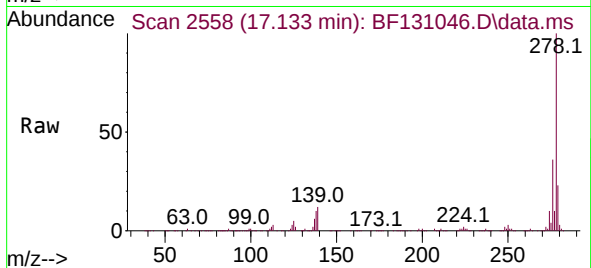
#91
Dibenzo(a,h)anthracene
Concen: 38.857 ng
RT: 17.133 min Scan# 2557
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

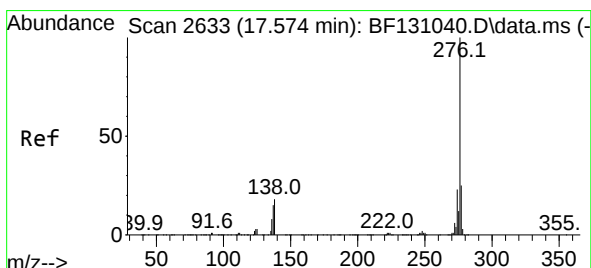
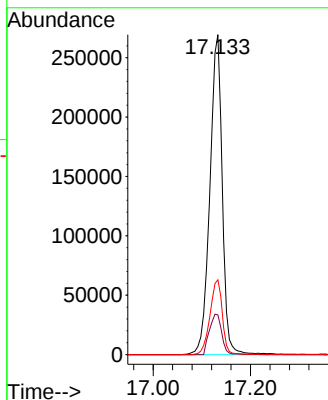
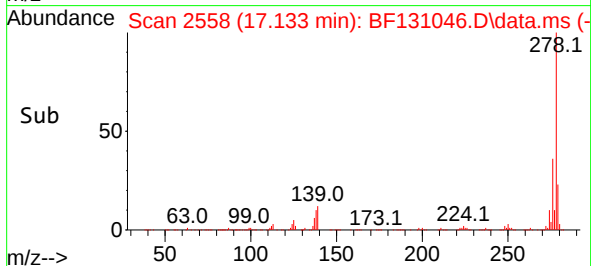


Tgt Ion:278 Resp: 478055
Ion Ratio Lower Upper
278 100
139 12.4 10.8 16.2
279 23.4 18.7 28.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022



#92
Benzo(g,h,i)perylene
Concen: 38.392 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:276 Resp: 480655
Ion Ratio Lower Upper
276 100
277 24.4 20.0 30.0
138 16.9 14.8 22.2

