

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132018.D
 Acq On : 11 Jan 2023 10:46
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Quant Time: Jan 11 14:24:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	81740	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	294303	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	175623	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	341442	20.000	ng	0.00
76) Chrysene-d12	13.980	240	205327	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	147998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	407057	82.058	ng	0.00
7) Phenol-d6	6.428	99	525634	79.918	ng	0.00
23) Nitrobenzene-d5	7.363	82	571922	80.654	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	159312	78.895	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1022237	78.576	ng	0.00
79) Terphenyl-d14	12.921	244	1201372	83.861	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.446	88	88544	40.869	ng	99
3) Pyridine	3.175	79	254896	41.920	ng	99
4) n-Nitrosodimethylamine	3.151	42	120969	42.331	ng	94
6) Aniline	6.451	93	345719	39.950	ng	# 88
8) 2-Chlorophenol	6.569	128	206570	41.505	ng	98
9) Benzaldehyde	6.334	77	168249	38.445	ng	100
10) Phenol	6.445	94	298670	40.706	ng	88
11) bis(2-Chloroethyl)ether	6.522	93	220434	39.855	ng	96
12) 1,3-Dichlorobenzene	6.722	146	222271	40.095	ng	99
13) 1,4-Dichlorobenzene	6.798	146	224034	39.942	ng	98
14) 1,2-Dichlorobenzene	6.951	146	214376	40.242	ng	96
15) Benzyl Alcohol	6.934	79	230824	40.301	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	270518	38.756	ng	82
17) 2-Methylphenol	7.051	107	198735	40.349	ng	97
18) Hexachloroethane	7.292	117	93907	40.484	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	185725	39.036	ng	98
20) 3+4-Methylphenols	7.210	107	257436	40.712	ng	# 83
22) Acetophenone	7.204	105	345193	40.285	ng	# 97
24) Nitrobenzene	7.381	77	291233	40.342	ng	100
25) Isophorone	7.622	82	527823	39.844	ng	99
26) 2-Nitrophenol	7.692	139	115849	40.785	ng	98
27) 2,4-Dimethylphenol	7.734	122	190826	40.248	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	287572	39.223	ng	98
29) 2,4-Dichlorophenol	7.939	162	195235	40.202	ng	96
30) 1,2,4-Trichlorobenzene	8.016	180	221354	39.799	ng	99
31) Naphthalene	8.098	128	620788	39.914	ng	100
32) Benzoic acid	7.892	122	105317m	38.315	ng	
33) 4-Chloroaniline	8.151	127	266338	41.497	ng	99
34) Hexachlorobutadiene	8.204	225	152780	39.620	ng	99
35) Caprolactam	8.545	113	58509m	41.021	ng	
36) 4-Chloro-3-methylphenol	8.645	107	231796	40.667	ng	99
37) 2-Methylnaphthalene	8.792	142	450054	40.290	ng	98
38) 1-Methylnaphthalene	8.886	142	417218	40.315	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	247102	39.929	ng	99
41) Hexachlorocyclopentadiene	8.939	237	98649	36.723	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	147591	39.621	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	172387	39.751	ng	99
46) 1,1'-Biphenyl	9.257	154	544439	40.164	ng	99
47) 2-Chloronaphthalene	9.281	162	426450	40.534	ng	99
48) 2-Nitroaniline	9.386	65	160440	41.986	ng	98
49) Acenaphthylene	9.698	152	660398	40.450	ng	100
50) Dimethylphthalate	9.569	163	545576	39.853	ng	99
51) 2,6-Dinitrotoluene	9.633	165	116792	40.563	ng	91
52) Acenaphthene	9.875	154	393719	40.175	ng	98
53) 3-Nitroaniline	9.804	138	116828	41.823	ng	93
54) 2,4-Dinitrophenol	9.916	184	56214	38.885	ng	99
55) Dibenzofuran	10.045	168	609984	39.487	ng	98
56) 4-Nitrophenol	9.980	139	59091	37.556	ng	96
57) 2,4-Dinitrotoluene	10.039	165	157328	40.870	ng	95
58) Fluorene	10.386	166	497620	40.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	130292	40.321	ng	93
60) Diethylphthalate	10.263	149	540004	40.116	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	277334	39.259	ng	98
62) 4-Nitroaniline	10.427	138	107840	42.934	ng	99
63) Azobenzene	10.539	77	567628	39.751	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	91106	41.376	ng	83
66) n-Nitrosodiphenylamine	10.504	169	429128	40.060	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	166781	39.046	ng	95
68) Hexachlorobenzene	10.933	284	170904	39.553	ng	95
69) Atrazine	11.033	200	156966	40.294	ng	99
70) Pentachlorophenol	11.139	266	81269	37.707	ng	99
71) Phenanthrene	11.357	178	711604	39.979	ng	99
72) Anthracene	11.410	178	731202	39.904	ng	99
73) Carbazole	11.569	167	613722	40.456	ng	99
74) Di-n-butylphthalate	11.892	149	822343	38.931	ng	100
75) Fluoranthene	12.551	202	805058	40.217	ng	99
77) Benzidine	12.674	184	281955	41.334	ng	98
78) Pyrene	12.780	202	795327	42.469	ng	99
80) Butylbenzylphthalate	13.398	149	318435	42.126	ng	97
81) Benzo(a)anthracene	13.974	228	607803	40.688	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	192263	41.239	ng	99
83) Chrysene	14.010	228	563322	40.351	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	406511	39.695	ng	100
85) Di-n-octyl phthalate	14.568	149	518204	36.978	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	417432	45.989	ng	100
88) Benzo(b)fluoranthene	15.021	252	405199	39.918	ng	97
89) Benzo(k)fluoranthene	15.051	252	397346	39.222	ng	100
90) Benzo(a)pyrene	15.386	252	368371	40.277	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	349769	45.969	ng	97
92) Benzo(g,h,i)perylene	17.351	276	344274	42.678	ng	98

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

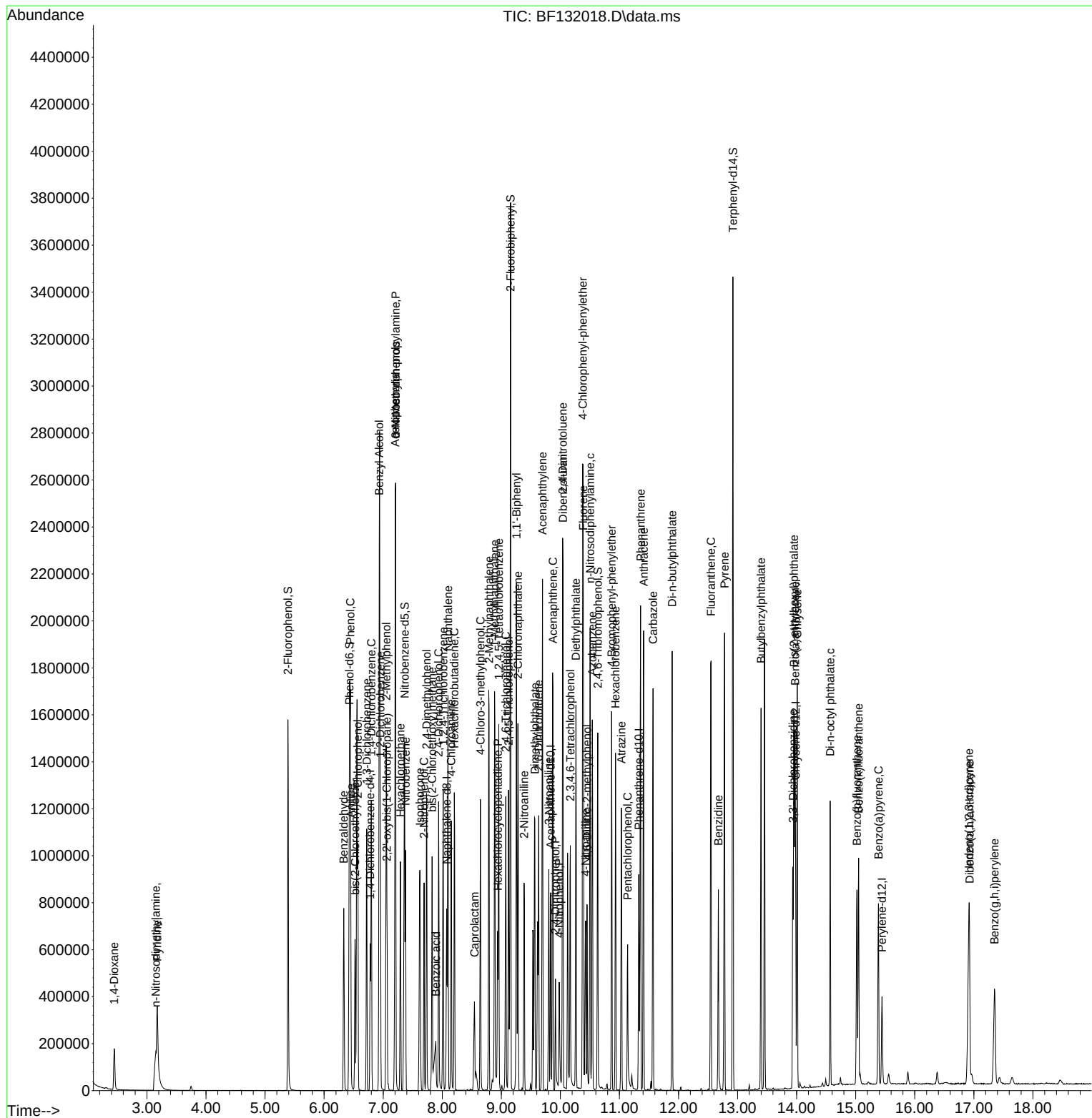
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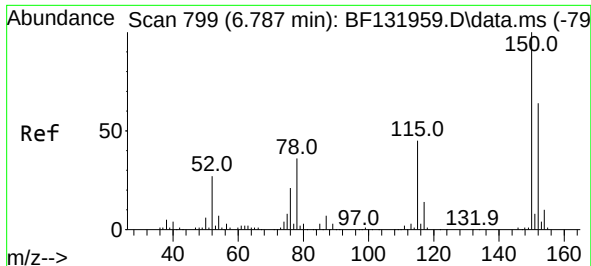
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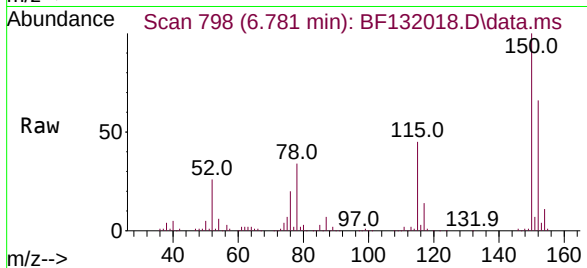
Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

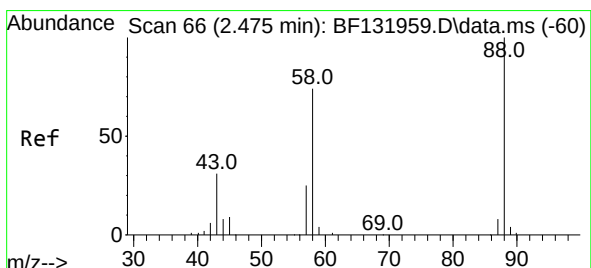
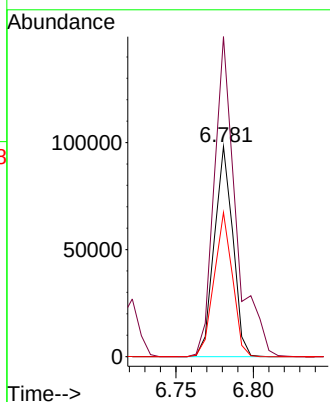
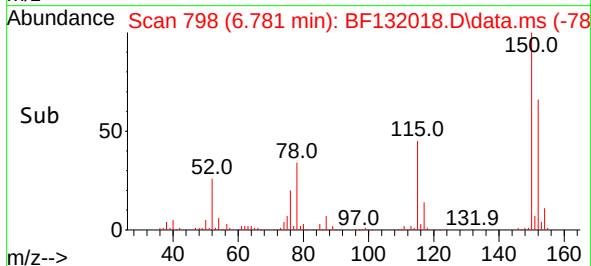
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 81740
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 68.6 55.6 83.4

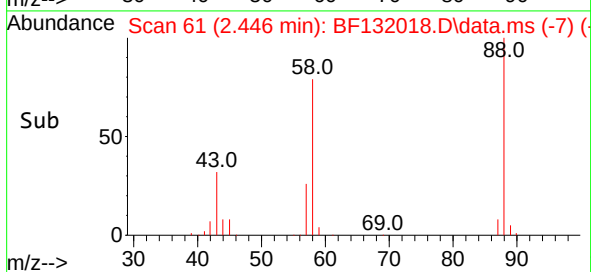
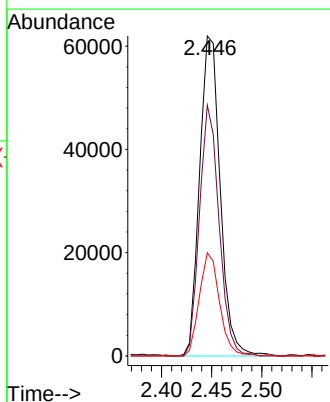
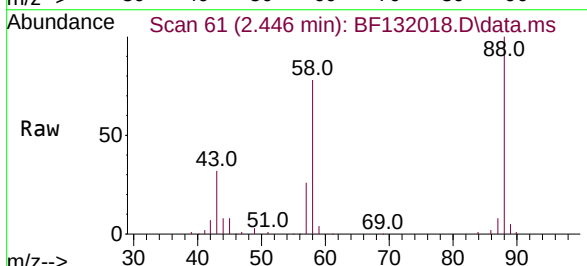
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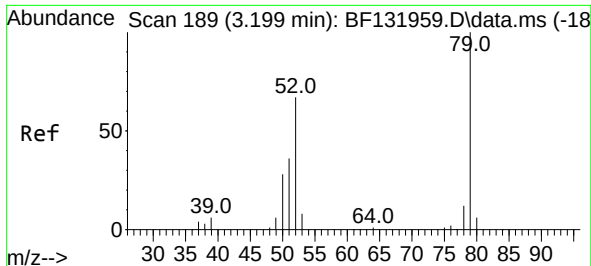
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#2
1,4-Dioxane
Concen: 40.869 ng
RT: 2.446 min Scan# 61
Delta R.T. -0.030 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion: 88 Resp: 88544
Ion Ratio Lower Upper
88 100
58 74.0 59.0 88.4
43 31.5 24.6 37.0





#3
Pyridine
Concen: 41.920 ng
RT: 3.175 min Scan# 189
Delta R.T. -0.024 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

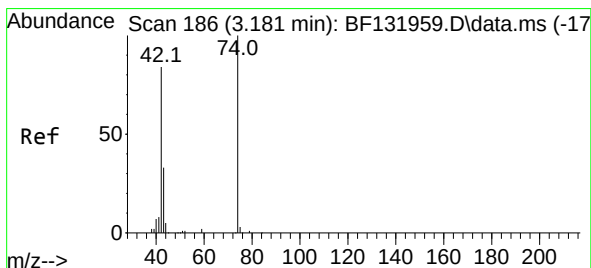
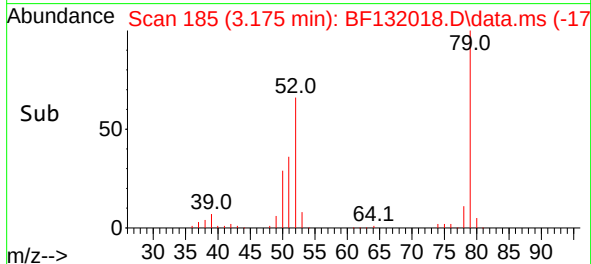
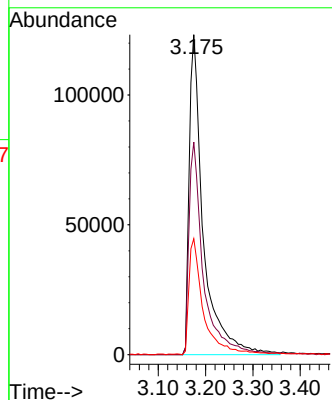
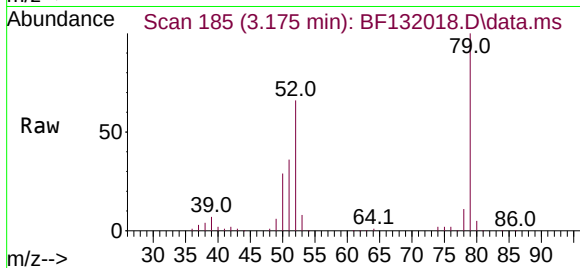
SSTDCCC040

Tgt Ion: 79 Resp: 254896
Ion Ratio Lower Upper
79 100
52 66.4 53.7 80.5
51 36.2 28.6 43.0

Manual Integrations

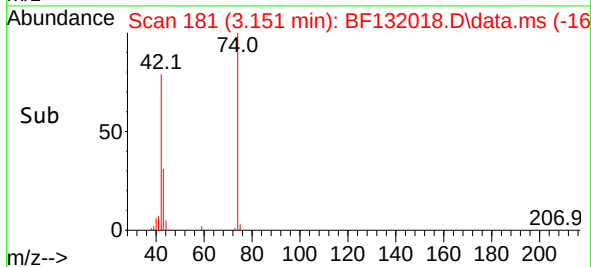
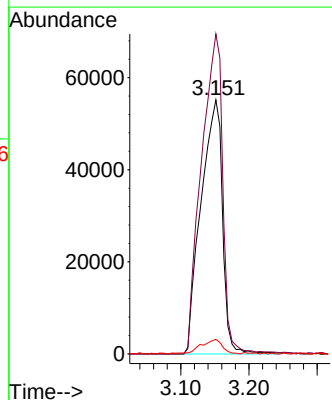
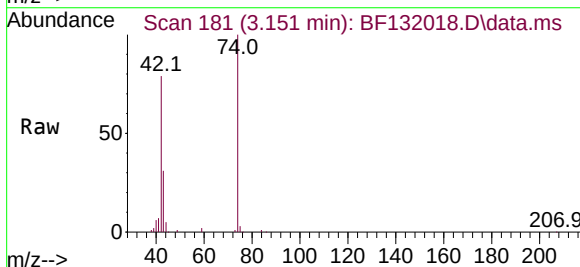
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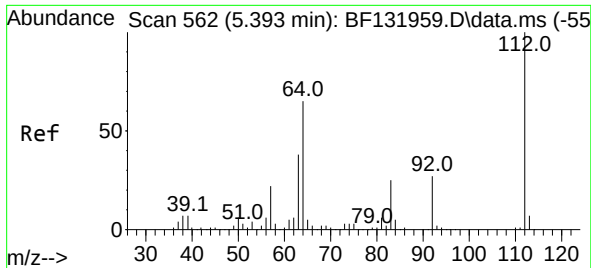
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#4
n-Nitrosodimethylamine
Concen: 42.331 ng
RT: 3.151 min Scan# 181
Delta R.T. -0.030 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion: 42 Resp: 120969
Ion Ratio Lower Upper
42 100
74 126.0 94.8 142.2
44 5.7 4.5 6.7





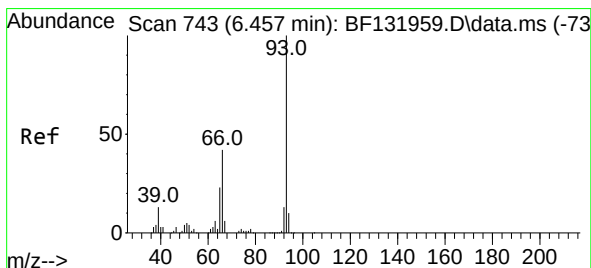
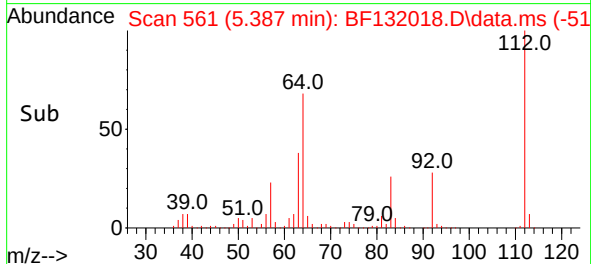
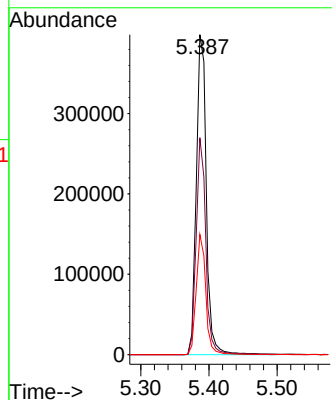
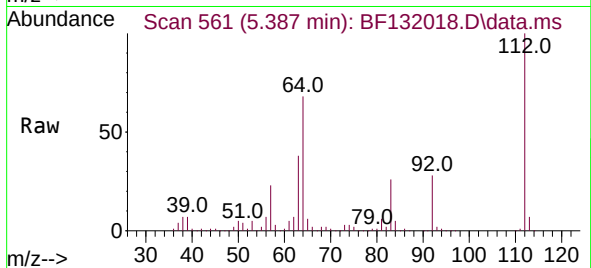
#5
2-Fluorophenol
Concen: 82.058 ng
RT: 5.387 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :
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ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 407052
Ion Ratio Lower Upper
112 100
64 67.8 51.9 77.9
63 37.5 30.2 45.2

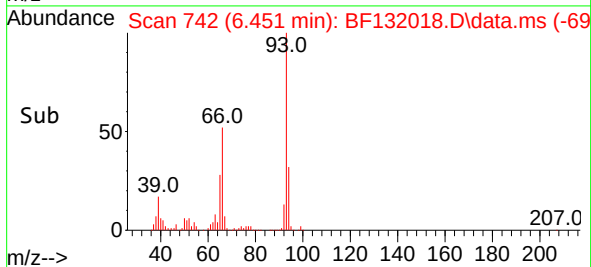
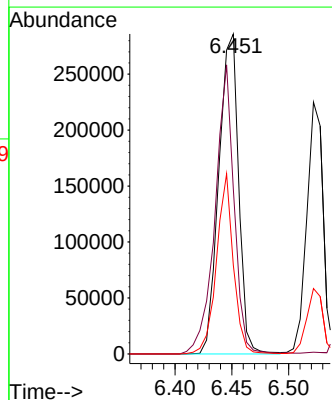
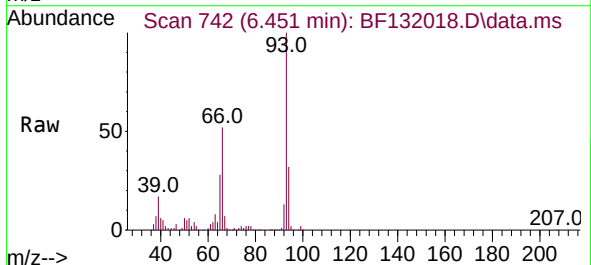
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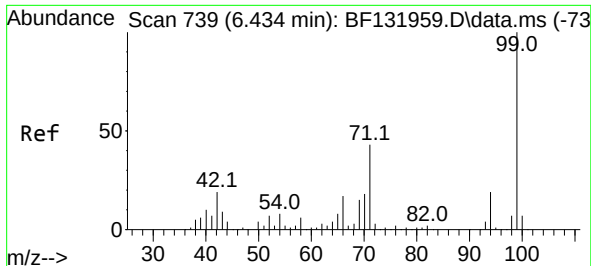
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#6
Aniline
Concen: 39.950 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

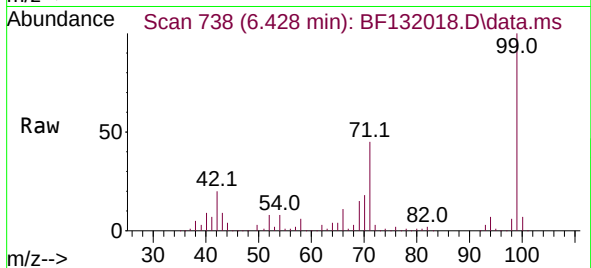
Tgt Ion: 93 Resp: 345719
Ion Ratio Lower Upper
93 100
66 51.6 34.6 51.8
65 27.7 18.2 27.2#





#7
Phenol-d6
Concen: 79.918 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

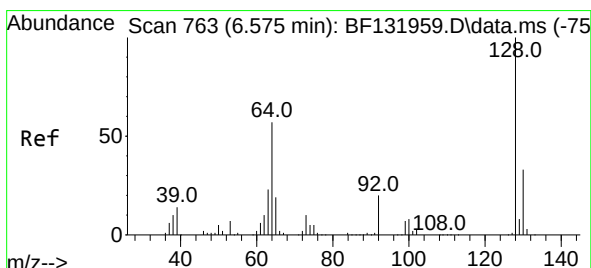
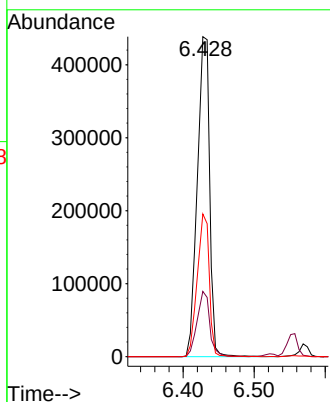
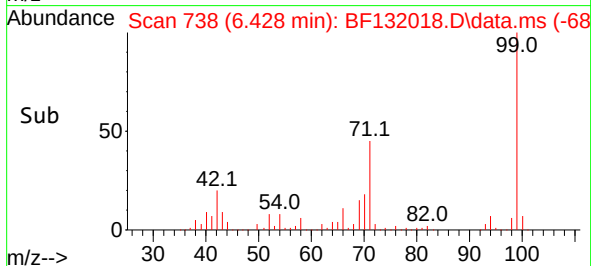
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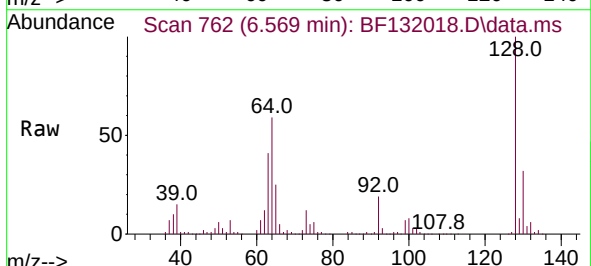
Tgt Ion: 99 Resp: 525634
Ion Ratio Lower Upper
99 100
42 20.4 15.4 23.2
71 44.6 34.6 51.8

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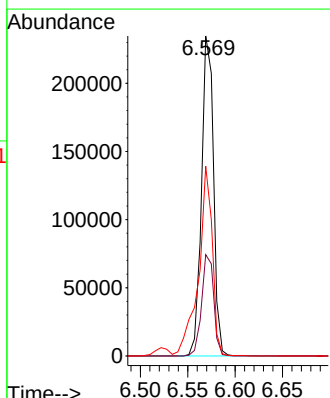
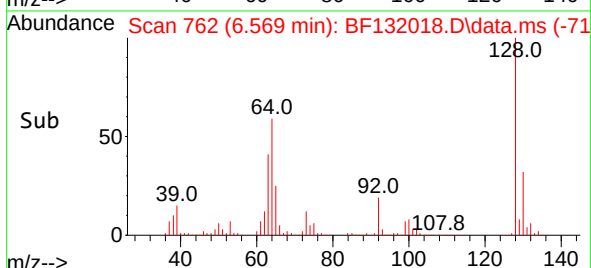
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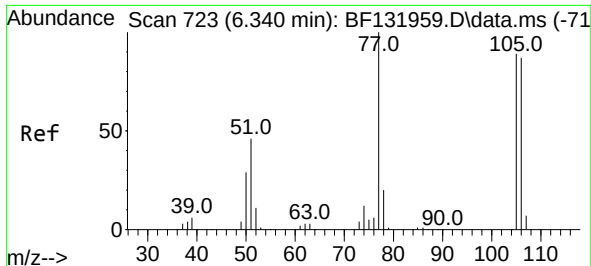


#8
2-Chlorophenol
Concen: 41.505 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



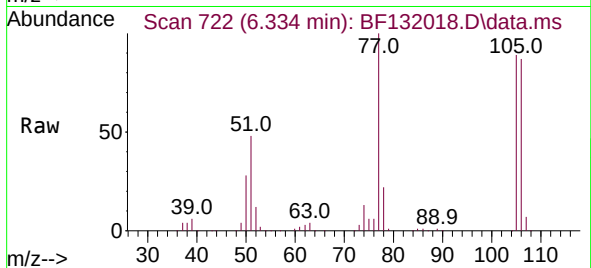
Tgt Ion:128 Resp: 206570
Ion Ratio Lower Upper
128 100
130 31.6 12.5 52.5
64 59.3 37.6 77.6





#9
Benzaldehyde
Concen: 38.445 ng
RT: 6.334 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF132018.D
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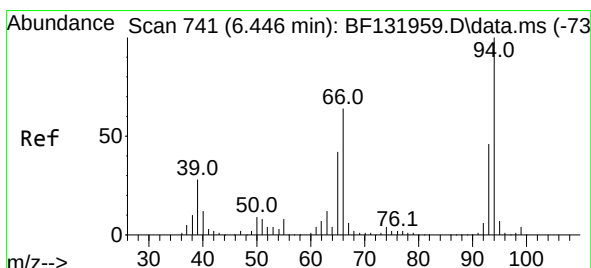
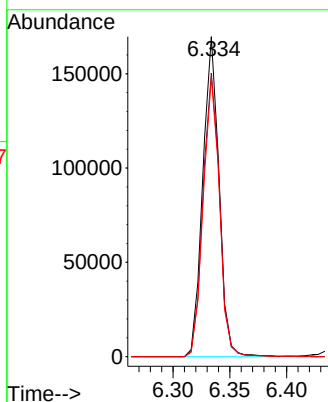
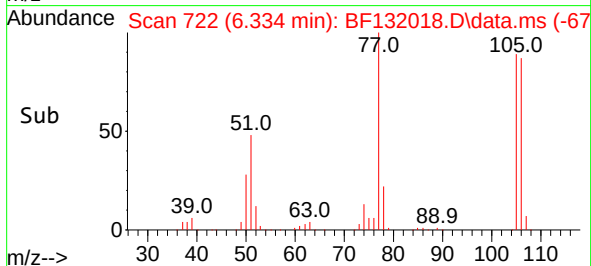
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Tgt Ion: 77 Resp: 168249
Ion Ratio Lower Upper
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105 88.6 69.0 109.0
106 87.4 67.0 107.0

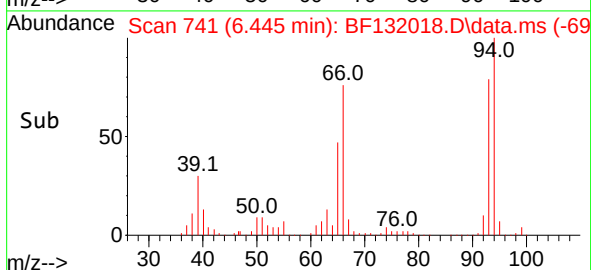
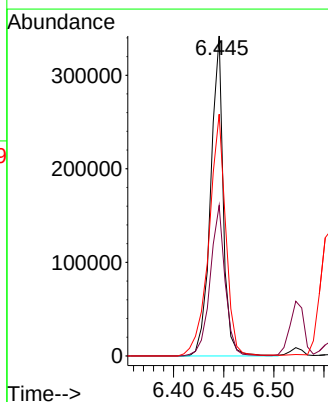
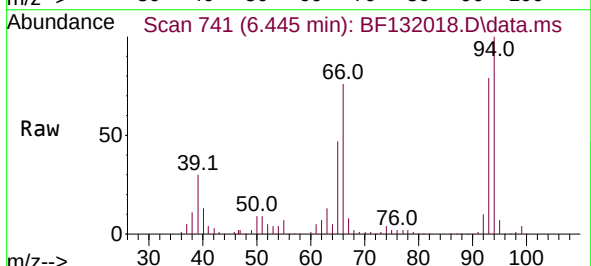
Manual Integrations
APPROVED

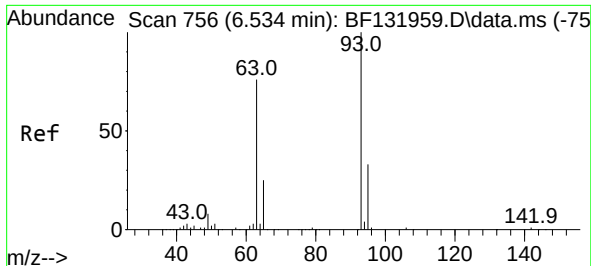
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#10
Phenol
Concen: 40.706 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion: 94 Resp: 298670
Ion Ratio Lower Upper
94 100
65 47.0 22.2 62.2
66 75.5 44.4 84.4





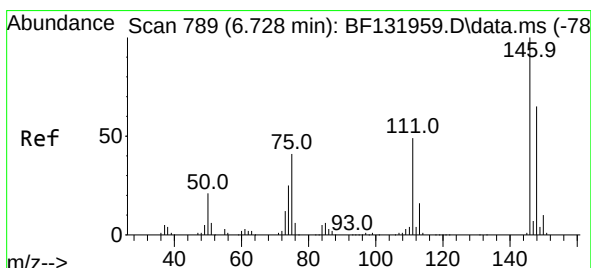
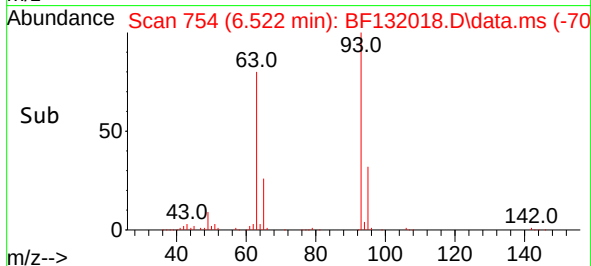
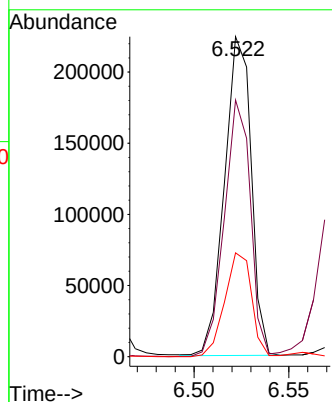
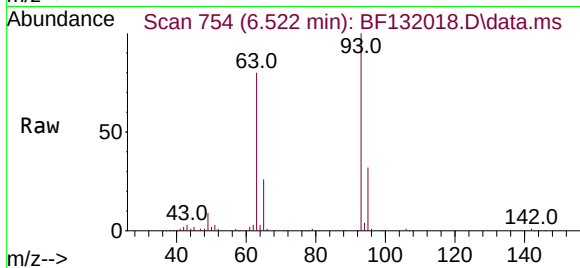
#11
bis(2-Chloroethyl)ether
Concen: 39.855 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 220434
Ion Ratio Lower Upper
93 100
63 80.2 55.5 95.5
95 32.4 13.1 53.1

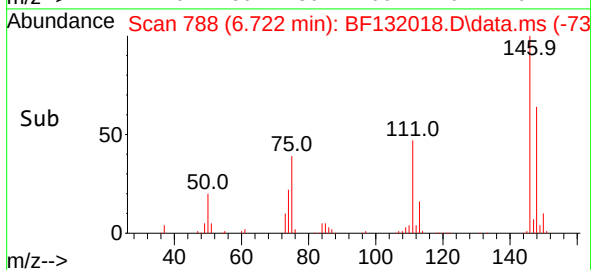
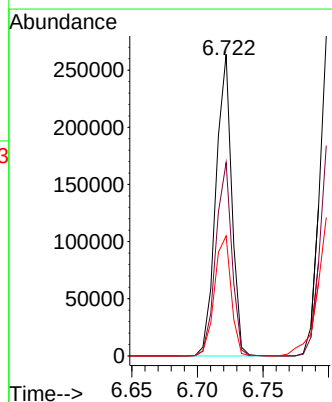
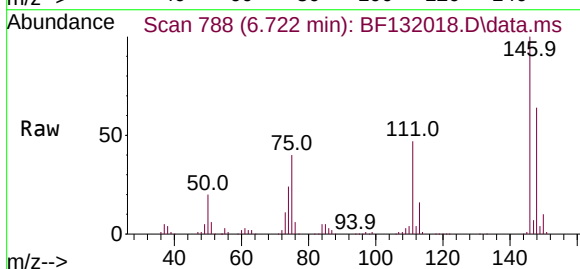
Manual Integrations
APPROVED

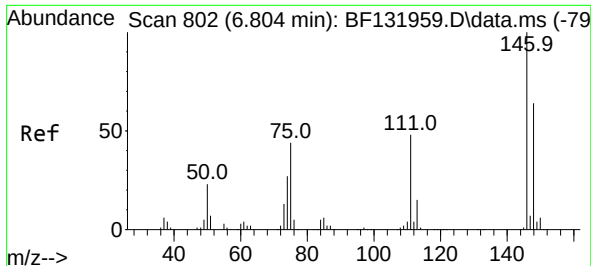
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#12
1,3-Dichlorobenzene
Concen: 40.095 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

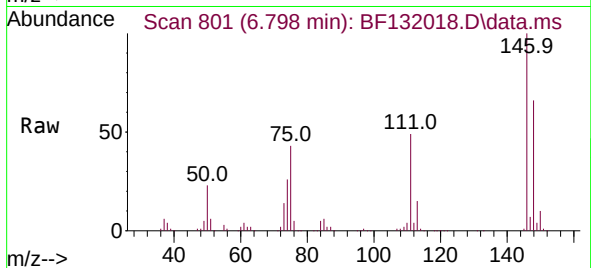
Tgt Ion:146 Resp: 222271
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
75 39.8 32.7 49.1





#13
1,4-Dichlorobenzene
Concen: 39.942 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

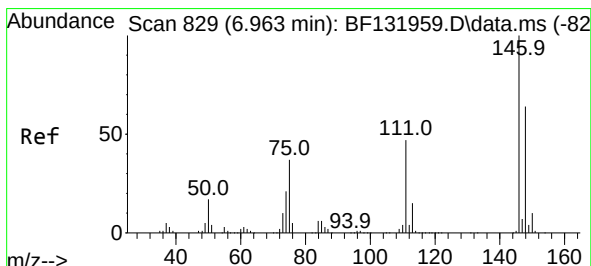
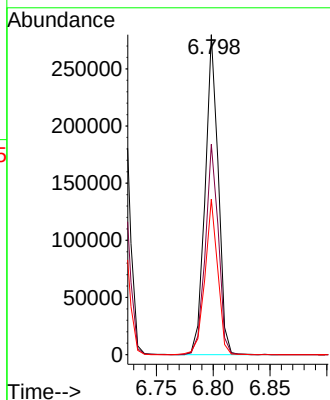
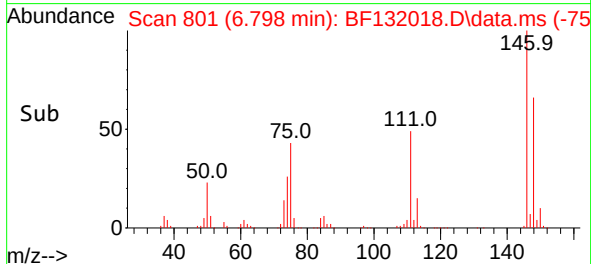
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



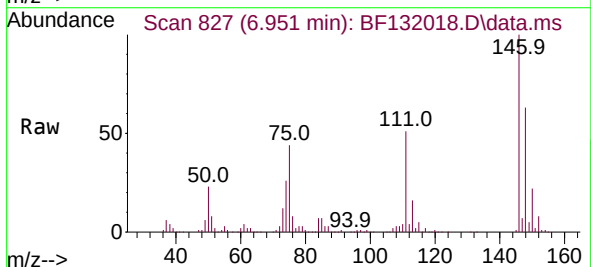
Tgt Ion:146 Resp: 224034
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.6
111 48.6 38.5 57.7

Manual Integrations
APPROVED

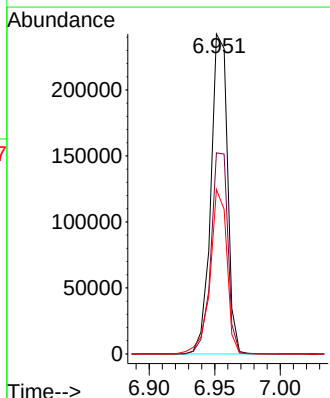
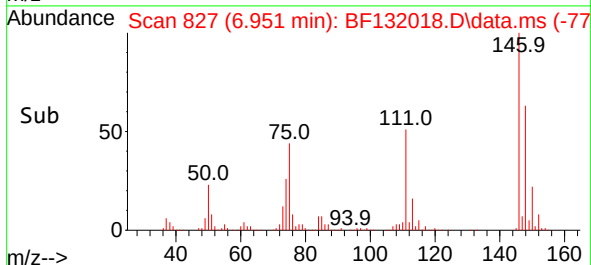
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

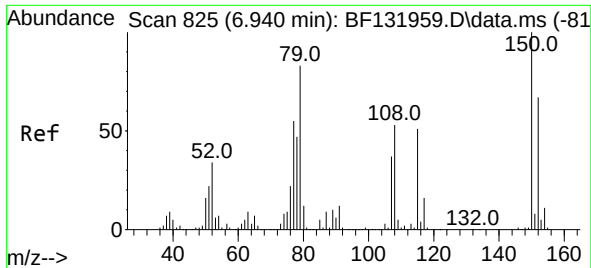


#14
1,2-Dichlorobenzene
Concen: 40.242 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



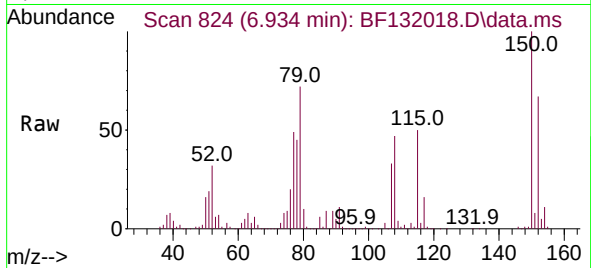
Tgt Ion:146 Resp: 214376
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.0
111 51.3 37.7 56.5





#15
Benzyl Alcohol
Concen: 40.301 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

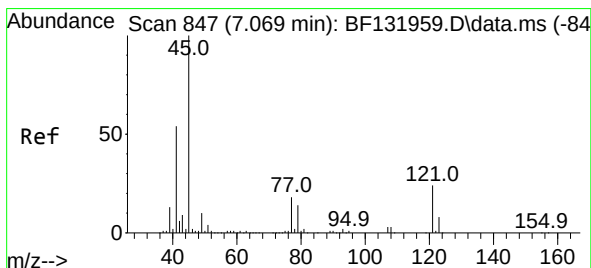
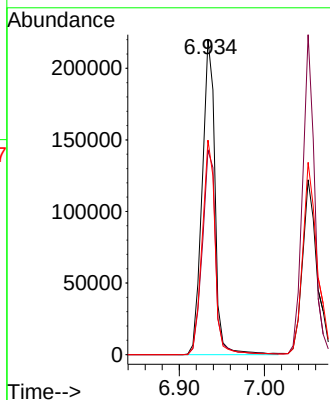
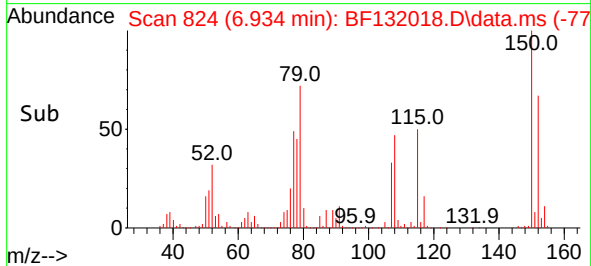
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



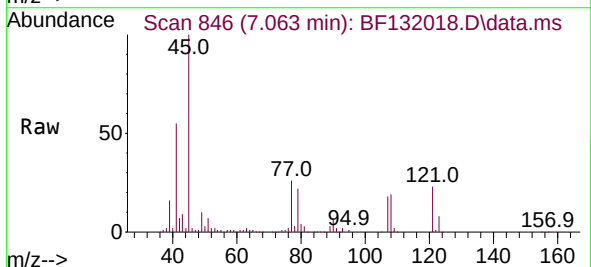
Tgt Ion: 79 Resp: 230824
Ion Ratio Lower Upper
79 100
108 64.8 51.7 77.5
77 68.0 52.9 79.3

Manual Integrations
APPROVED

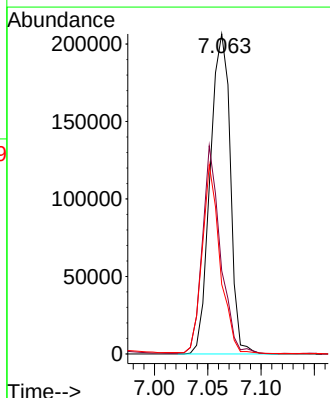
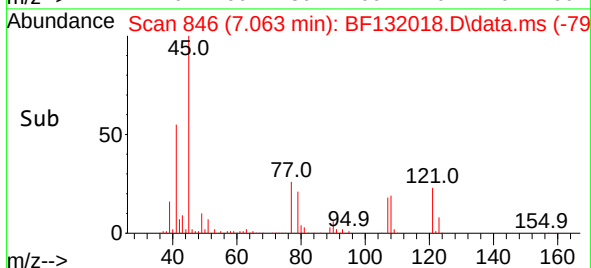
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

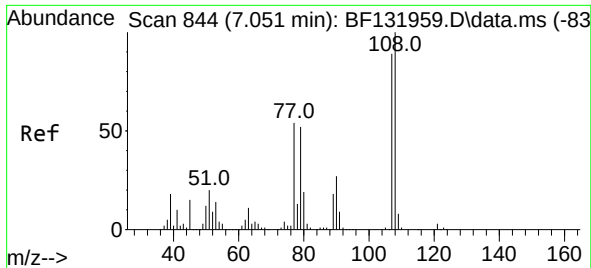


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.756 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion: 45 Resp: 270518
Ion Ratio Lower Upper
45 100
77 26.0 0.0 38.1
79 21.7 0.0 34.6





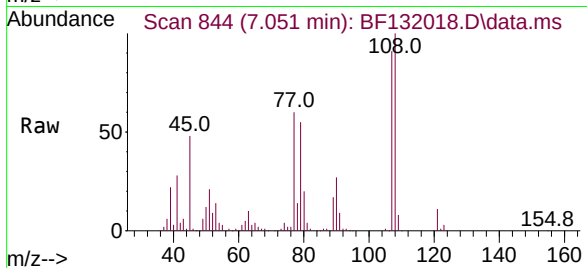
#17
2-Methylphenol
Concen: 40.349 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

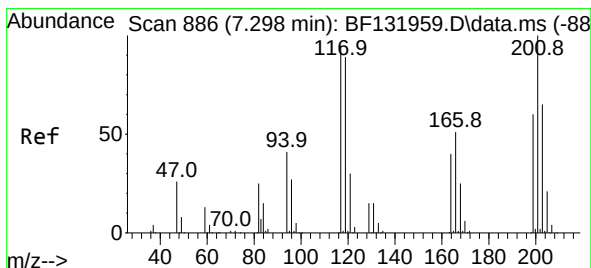
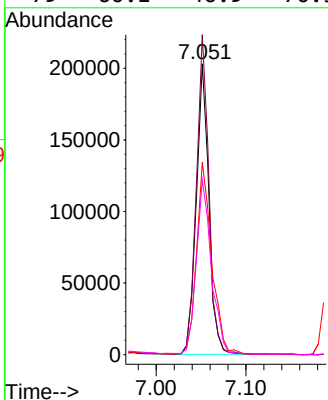
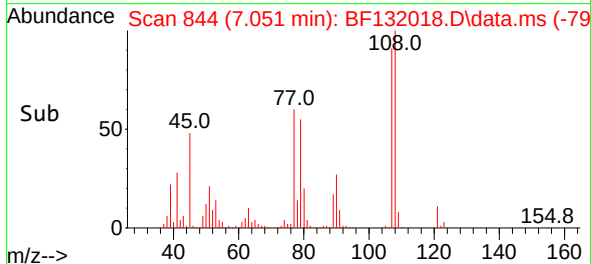


Tgt Ion:107 Resp: 198735
Ion Ratio Lower Upper
107 100
108 110.1 90.0 135.0
77 66.1 48.8 73.2
79 60.1 46.9 70.3

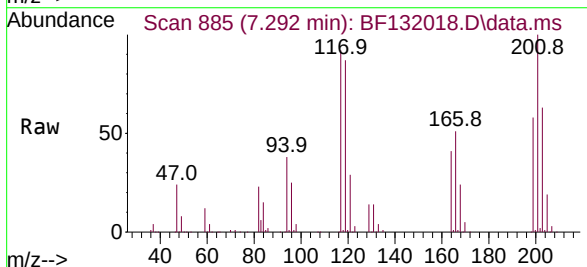
Manual Integrations

APPROVED

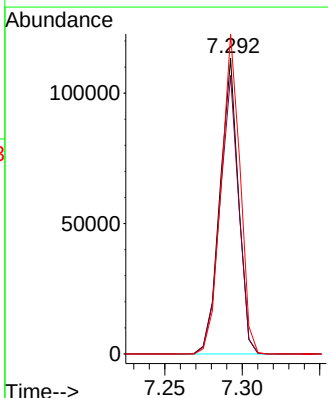
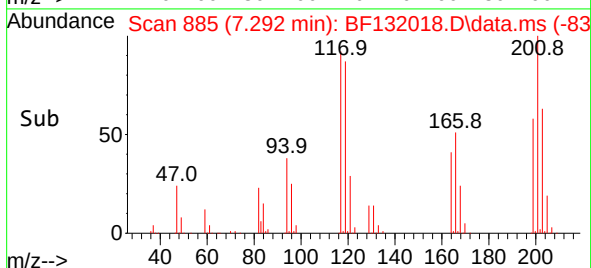
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

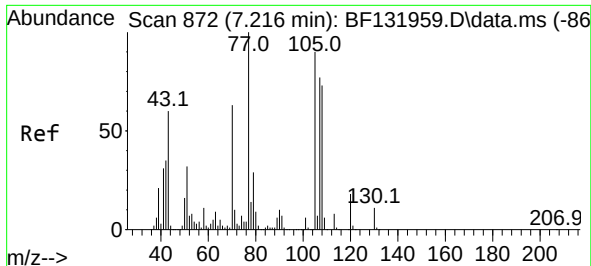


#18
Hexachloroethane
Concen: 40.484 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion:117 Resp: 93907
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0
201 108.3 84.2 126.4





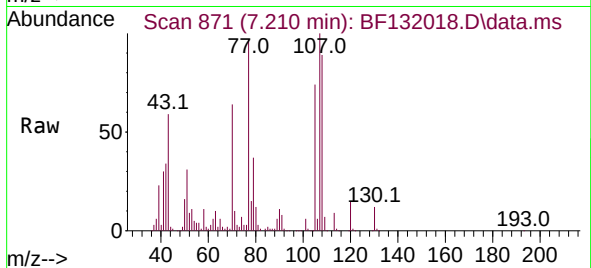
#19
n-Nitroso-di-n-propylamine
Concen: 39.036 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

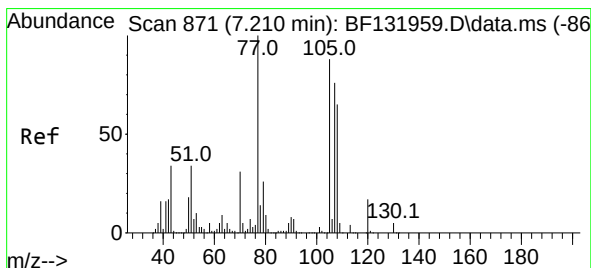
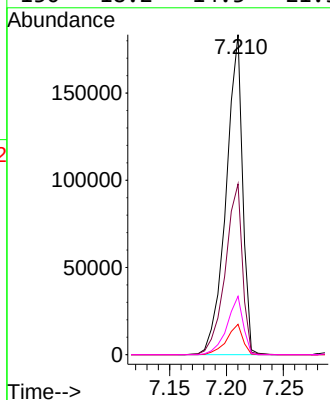
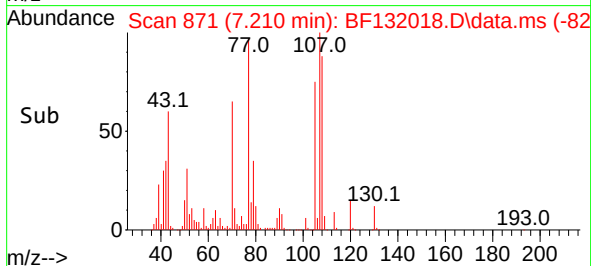


Tgt Ion: 70 Resp: 185725
Ion Ratio Lower Upper
70 100
42 53.3 44.3 66.5
101 9.5 7.5 11.3
130 18.2 14.3 21.5

Manual Integrations

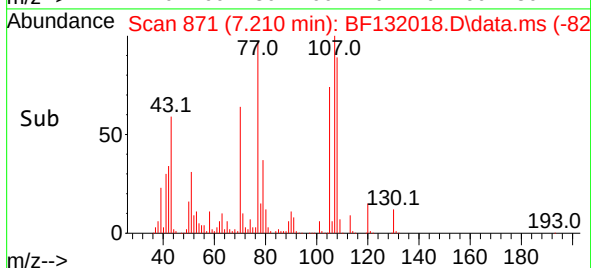
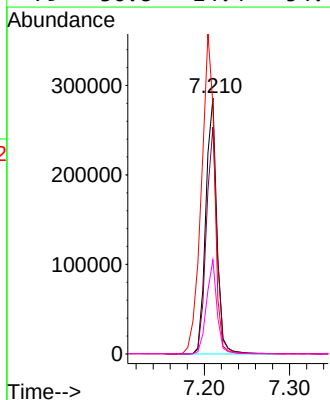
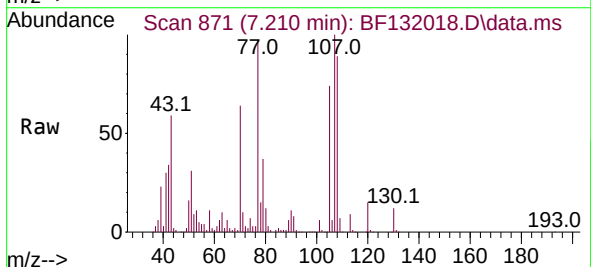
APPROVED

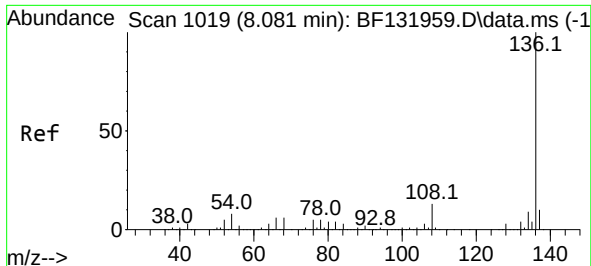
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#20
3+4-Methylphenols
Concen: 40.712 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion:107 Resp: 257436
Ion Ratio Lower Upper
107 100
108 88.6 65.1 105.1
77 97.2 111.2 151.2#
79 36.8 14.4 54.4





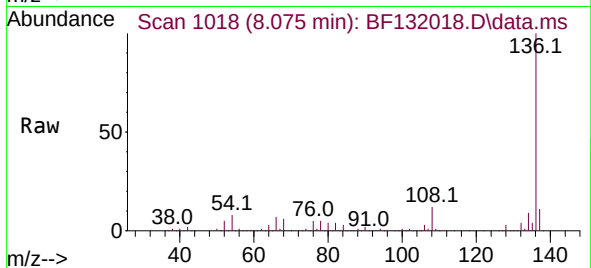
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

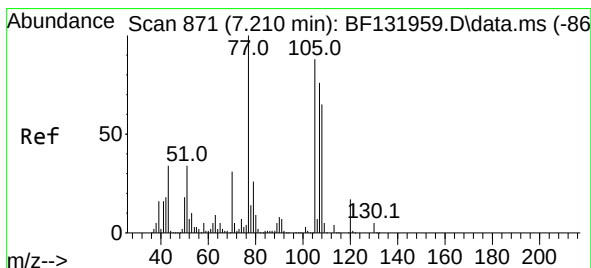
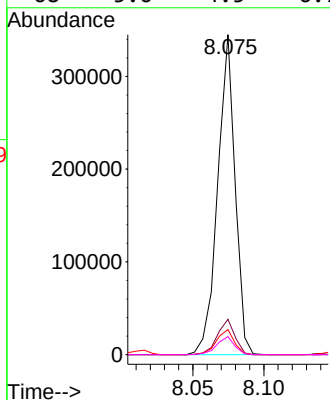
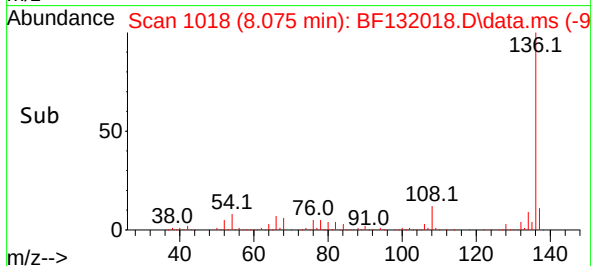


Tgt Ion:136 Resp: 294303
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 7.8 6.6 9.8
68 5.6 4.5 6.7

Manual Integrations

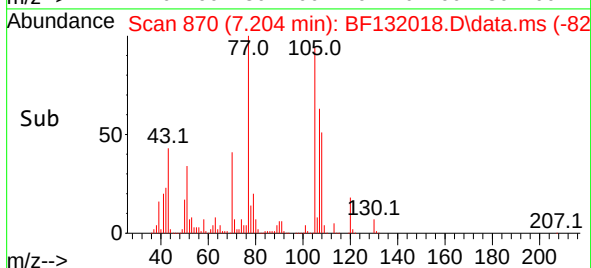
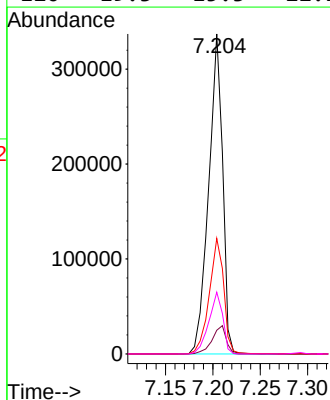
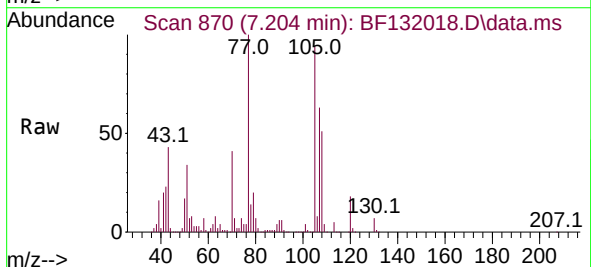
APPROVED

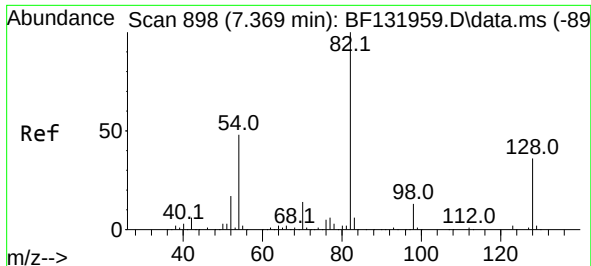
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#22
Acetophenone
Concen: 40.285 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion:105 Resp: 345193
Ion Ratio Lower Upper
105 100
71 7.4 4.6 7.0#
51 36.1 30.6 46.0
120 19.3 15.3 22.9





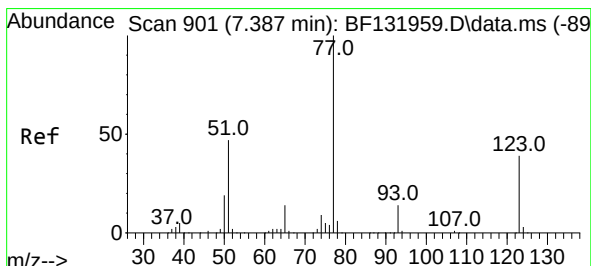
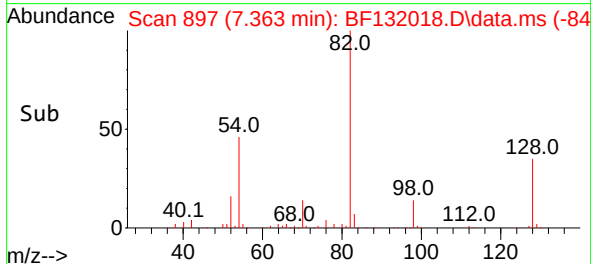
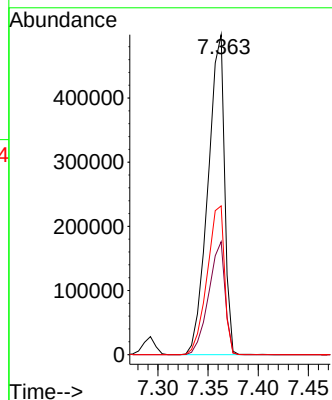
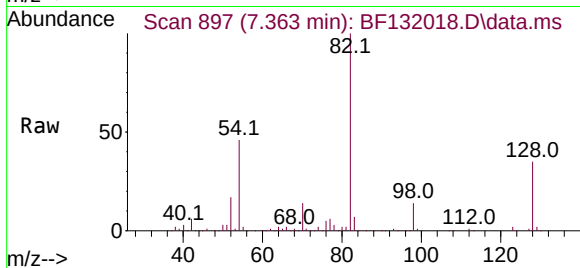
#23
Nitrobenzene-d5
Concen: 80.654 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 571922
Ion Ratio Lower Upper
82 100
128 35.3 28.7 43.1
54 46.5 38.1 57.1

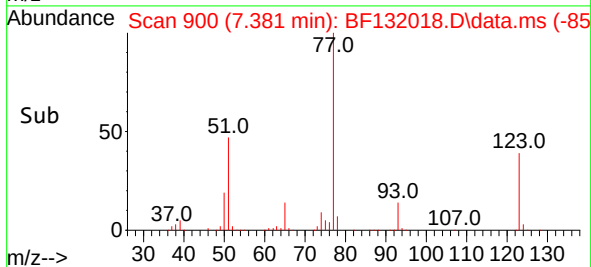
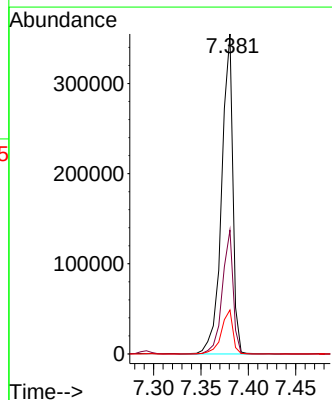
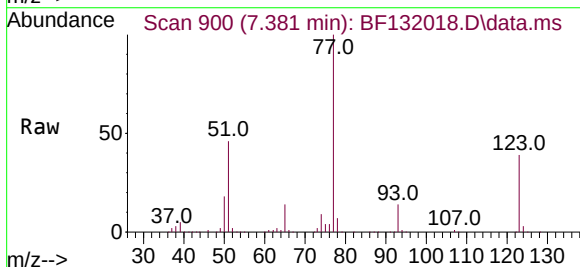
Manual Integrations
APPROVED

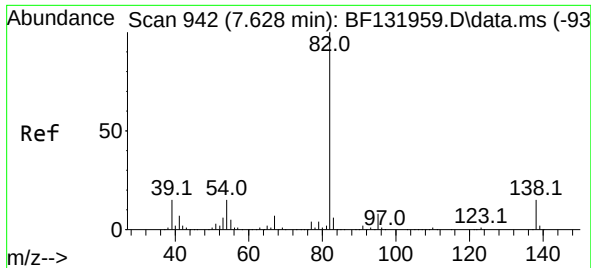
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#24
Nitrobenzene
Concen: 40.342 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion: 77 Resp: 291233
Ion Ratio Lower Upper
77 100
123 38.7 30.9 46.3
65 13.7 10.8 16.2





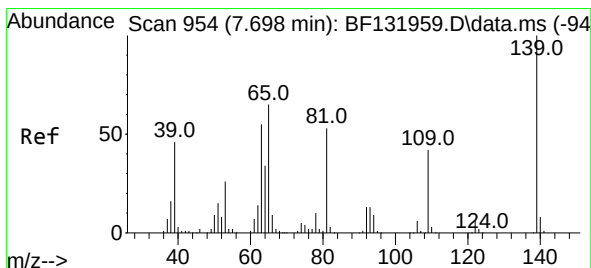
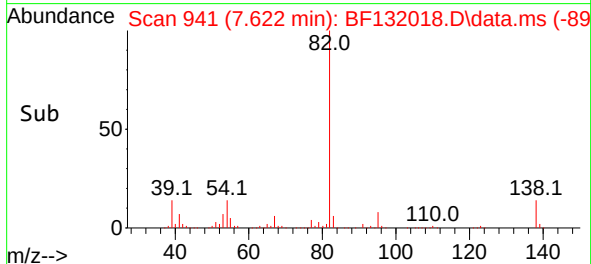
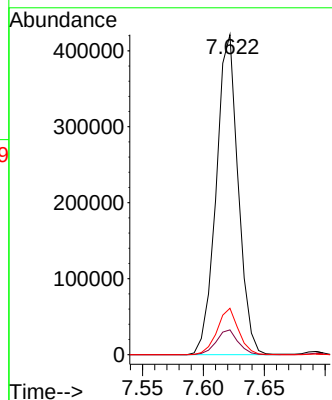
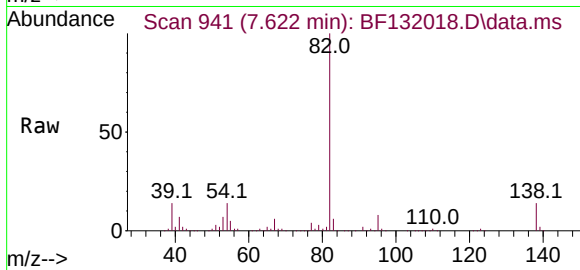
#25
Isophorone
Concen: 39.844 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 527823
Ion Ratio Lower Upper
82 100
95 7.7 6.5 9.7
138 14.5 11.9 17.9

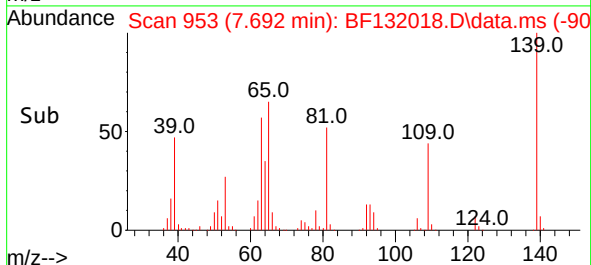
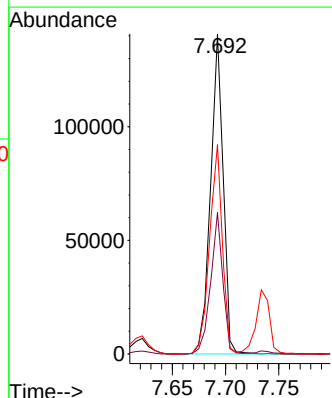
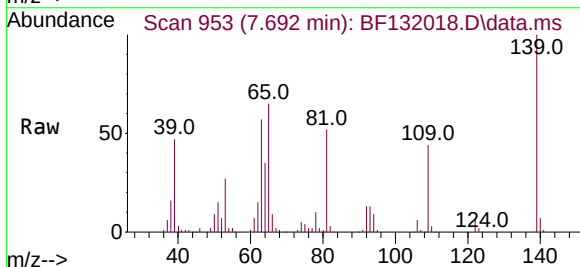
Manual Integrations
APPROVED

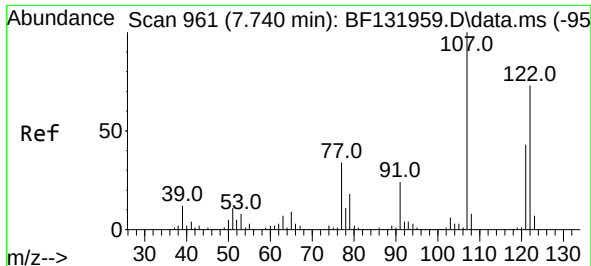
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#26
2-Nitrophenol
Concen: 40.785 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion:139 Resp: 115849
Ion Ratio Lower Upper
139 100
109 44.2 33.9 50.9
65 65.4 51.6 77.4





#27

2,4-Dimethylphenol

Concen: 40.248 ng

RT: 7.734 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

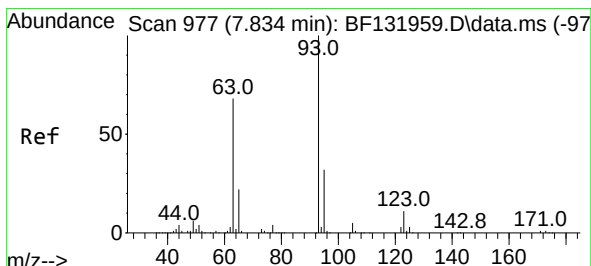
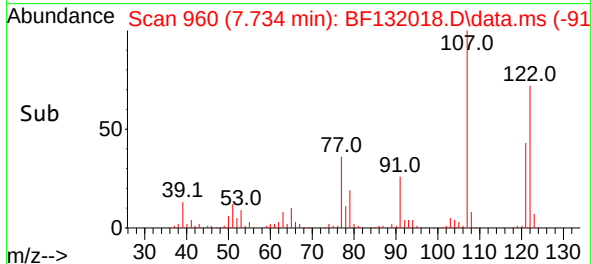
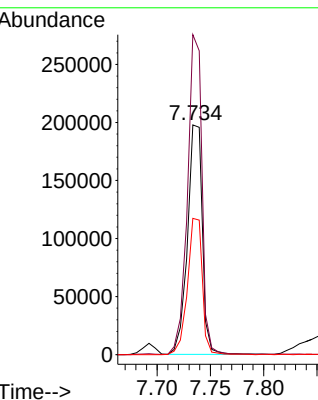
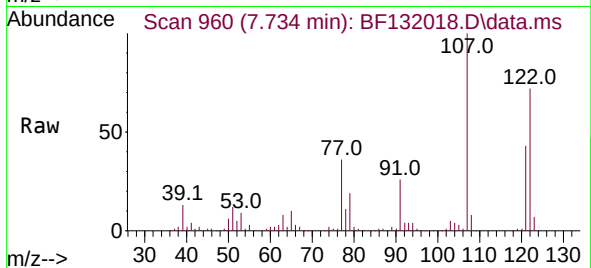
SSTDCCC040

Tgt Ion:122 Resp: 190826
 Ion Ratio Lower Upper
 122 100
 107 139.3 109.4 164.0
 121 59.4 47.2 70.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.223 ng

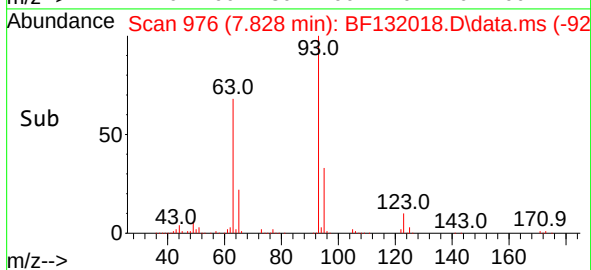
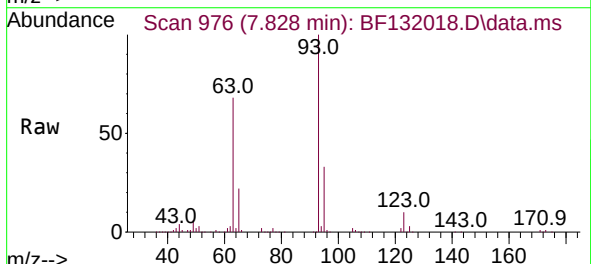
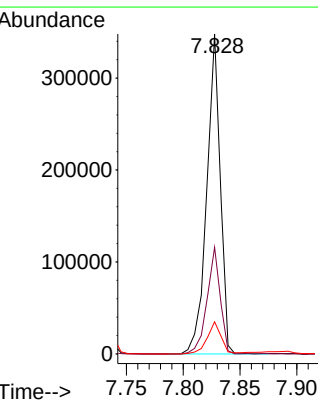
RT: 7.828 min Scan# 976

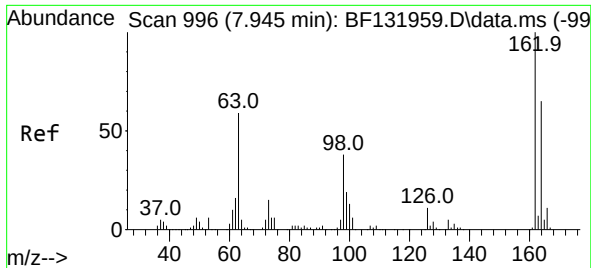
Delta R.T. -0.006 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

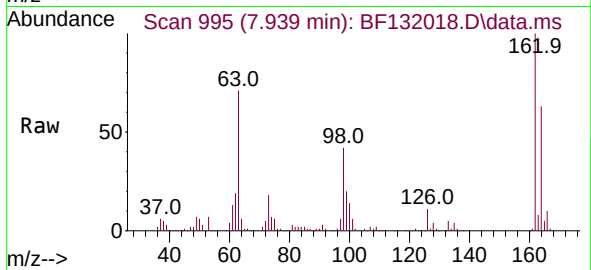
Tgt Ion: 93 Resp: 287572
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.8 38.6
 123 10.0 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 40.202 ng
RT: 7.939 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

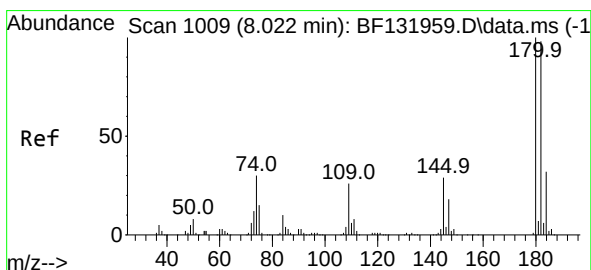
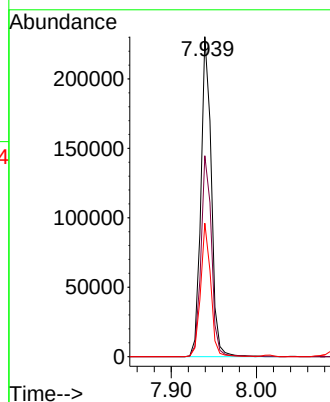
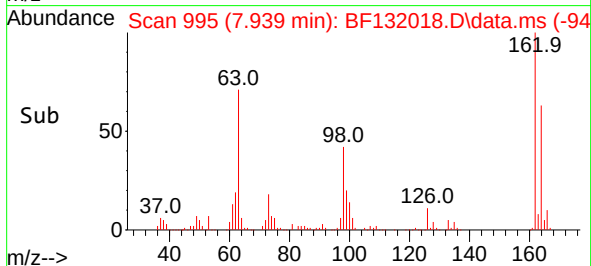
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 195235
Ion Ratio Lower Upper
162 100
164 62.8 45.2 85.2
98 41.7 17.5 57.5

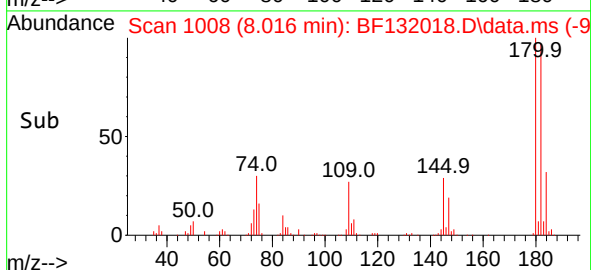
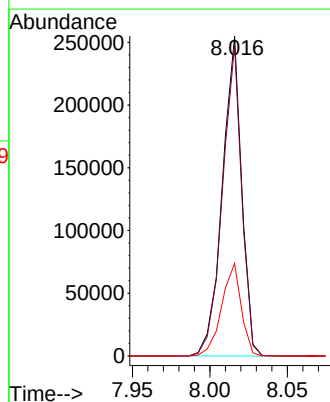
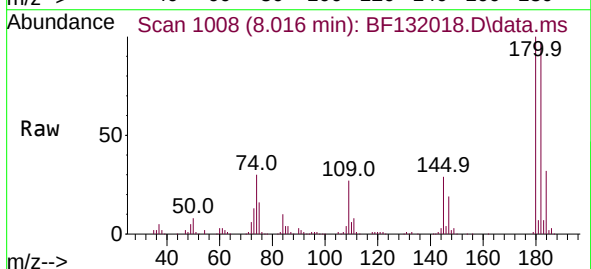
Manual Integrations
APPROVED

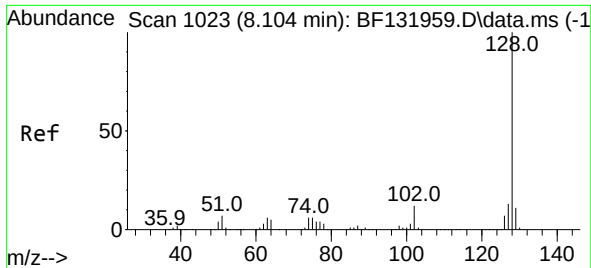
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#30
1,2,4-Trichlorobenzene
Concen: 39.799 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

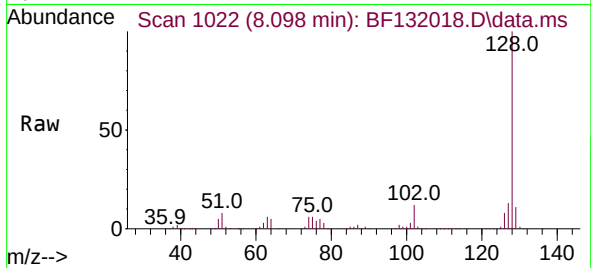
Tgt Ion:180 Resp: 221354
Ion Ratio Lower Upper
180 100
182 97.1 78.4 117.6
145 28.9 23.2 34.8





#31
Naphthalene
Concen: 39.914 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

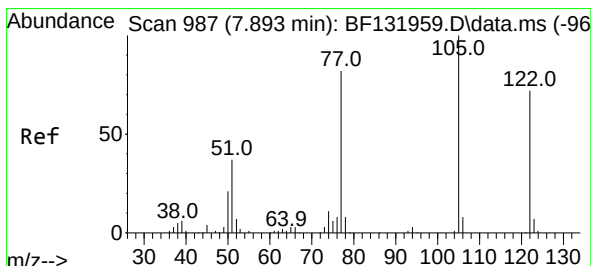
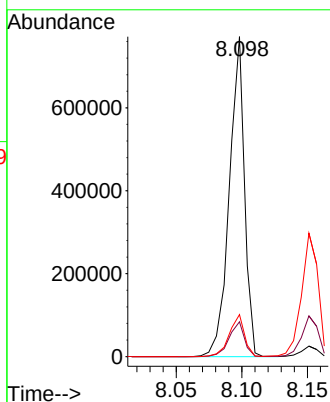
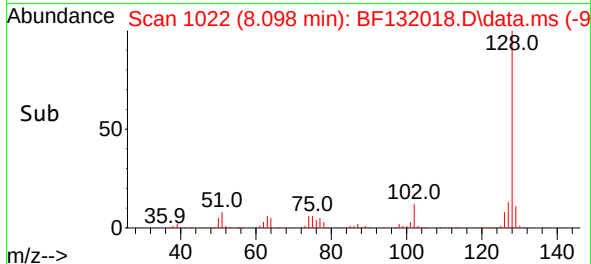
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 620788
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.5 15.7

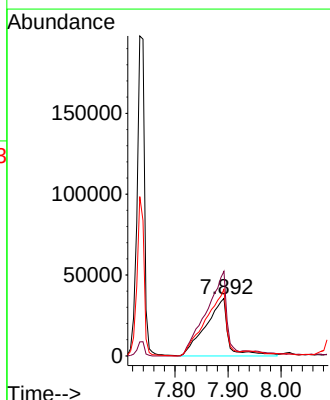
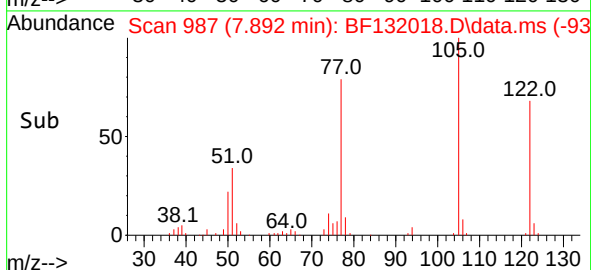
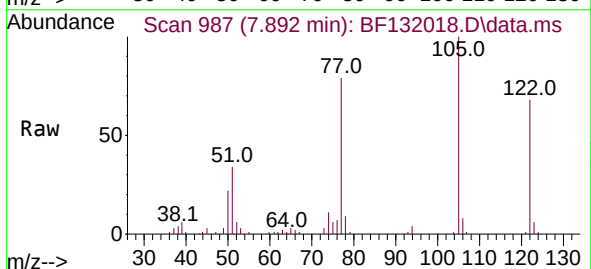
Manual Integrations
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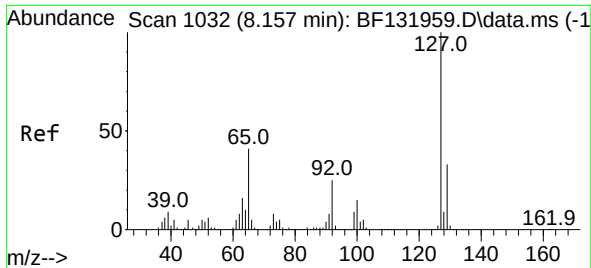
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#32
Benzoic acid
Concen: 38.315 ng m
RT: 7.892 min Scan# 987
Delta R.T. -0.001 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion:122 Resp: 105317
Ion Ratio Lower Upper
122 100
105 147.0 116.3 156.3
77 115.9 92.7 132.7





#33
4-Chloroaniline
Concen: 41.497 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

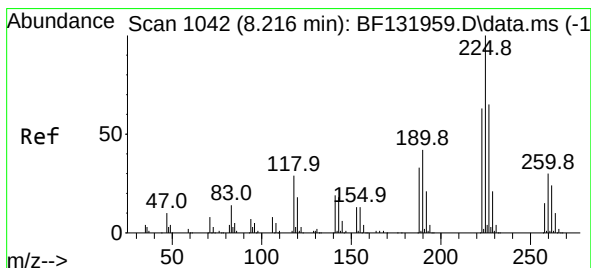
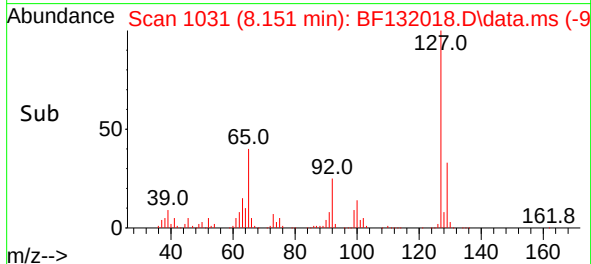
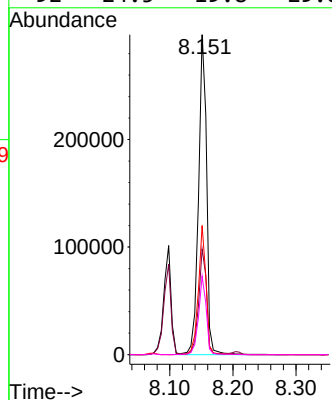
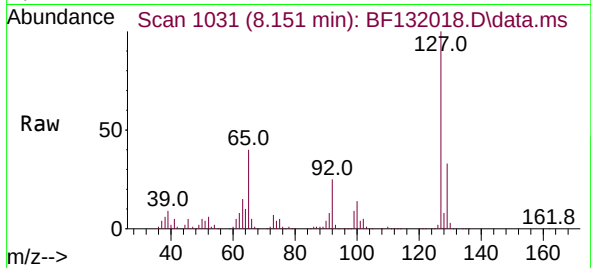
SSTDCCC040

Tgt Ion:127 Resp: 266338
Ion Ratio Lower Upper
127 100
129 33.0 26.5 39.7
65 40.3 33.1 49.7
92 24.5 19.8 29.8

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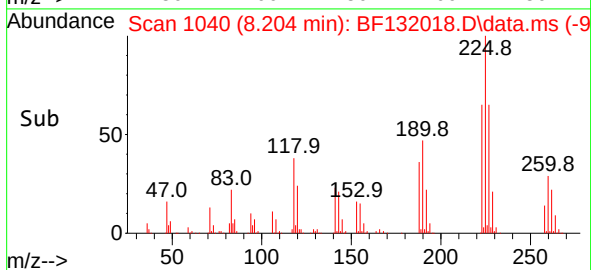
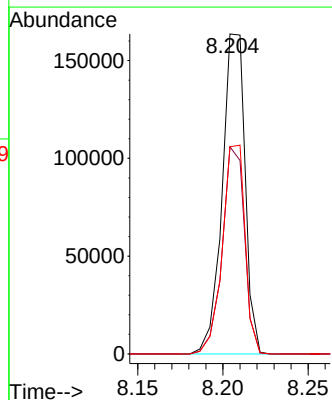
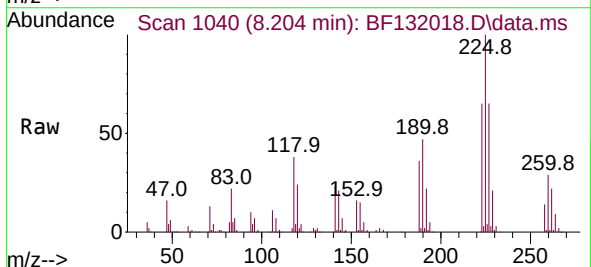
APPROVED

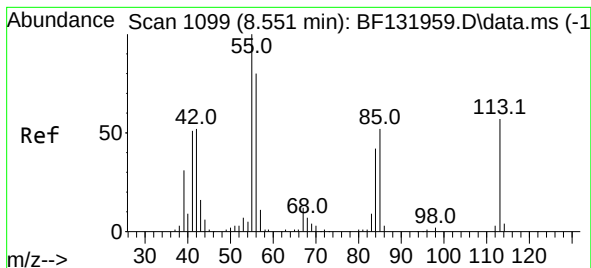
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#34
Hexachlorobutadiene
Concen: 39.620 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

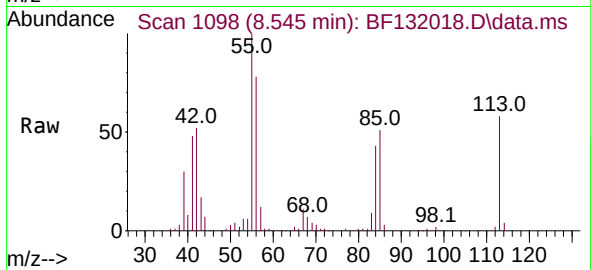
Tgt Ion:225 Resp: 152780
Ion Ratio Lower Upper
225 100
223 64.7 50.6 75.8
227 64.7 51.6 77.4





#35
Caprolactam
Concen: 41.021 ng m
RT: 8.545 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

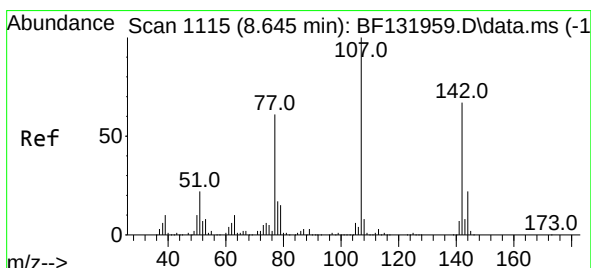
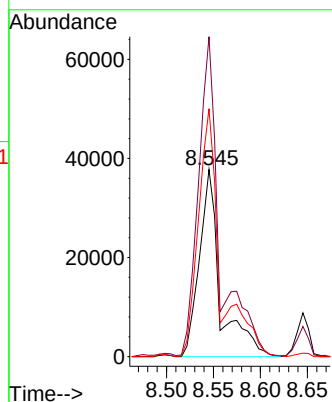
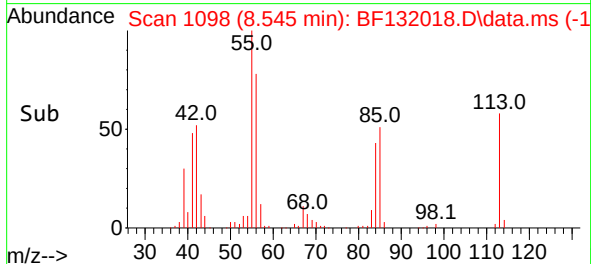
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 58509
Ion Ratio Lower Upper
113 100
55 171.0 154.4 194.4
56 132.5 119.6 159.6

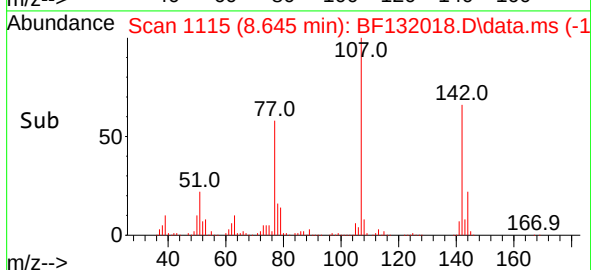
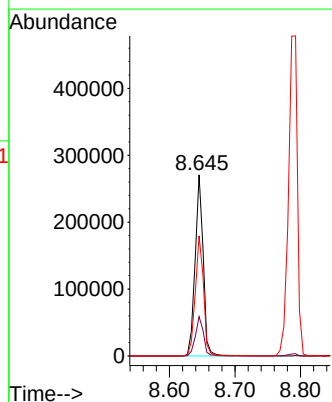
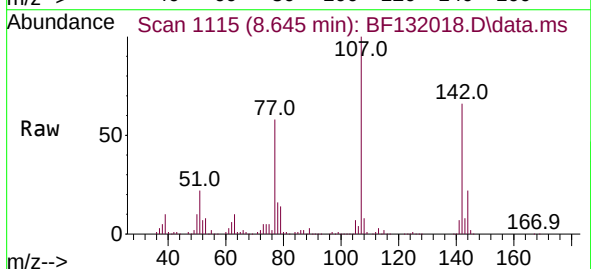
Manual Integrations
APPROVED

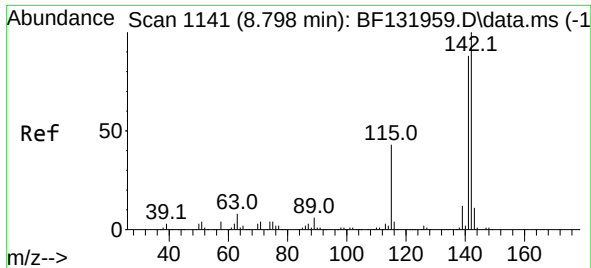
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#36
4-Chloro-3-methylphenol
Concen: 40.667 ng
RT: 8.645 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion:107 Resp: 231796
Ion Ratio Lower Upper
107 100
144 21.7 17.4 26.2
142 66.3 53.7 80.5





#37

2-Methylnaphthalene

Concen: 40.290 ng

RT: 8.792 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 450054

Ion Ratio Lower Upper

142 100

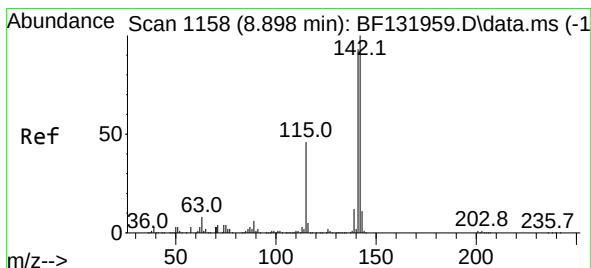
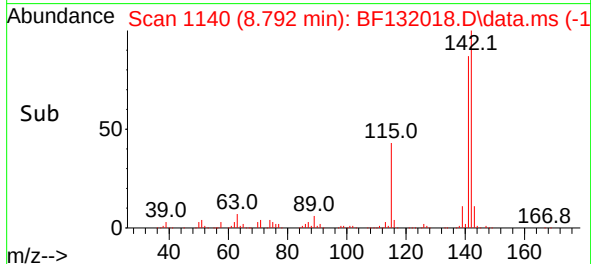
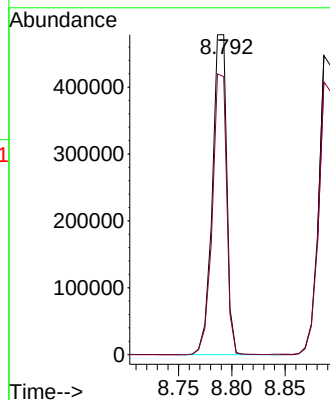
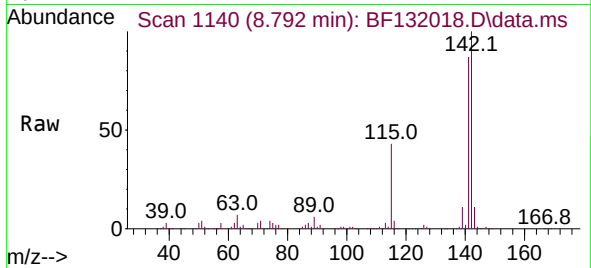
141 86.9 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#38

1-Methylnaphthalene

Concen: 40.315 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF132018.D

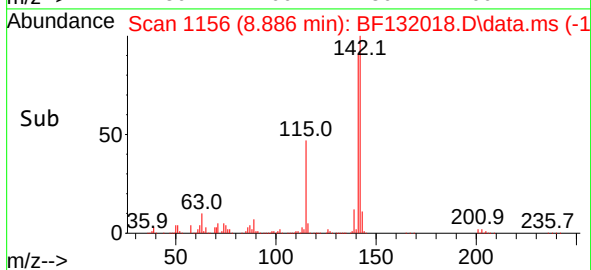
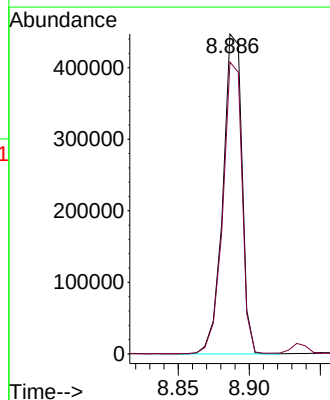
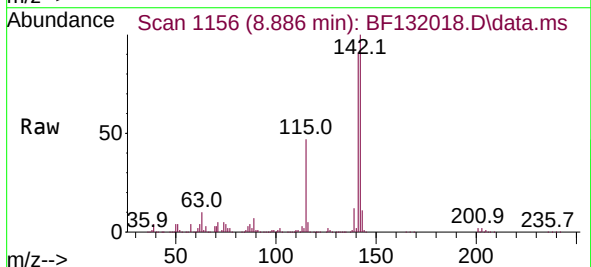
Acq: 11 Jan 2023 10:46

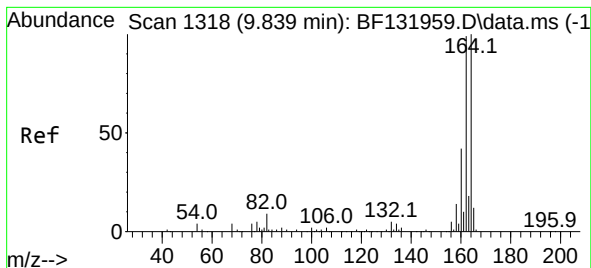
Tgt Ion:142 Resp: 417218

Ion Ratio Lower Upper

142 100

141 91.2 74.3 111.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 175623

Ion Ratio Lower Upper

164 100

162 99.1 79.4 119.0

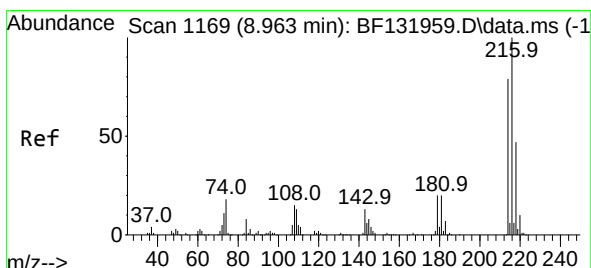
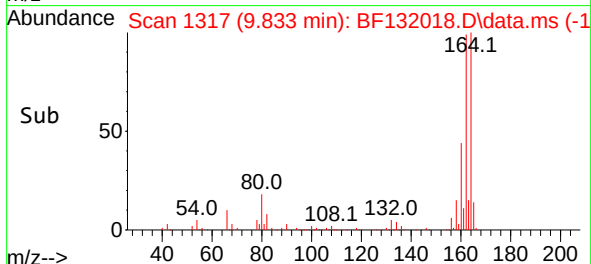
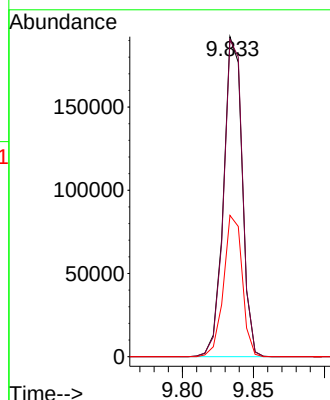
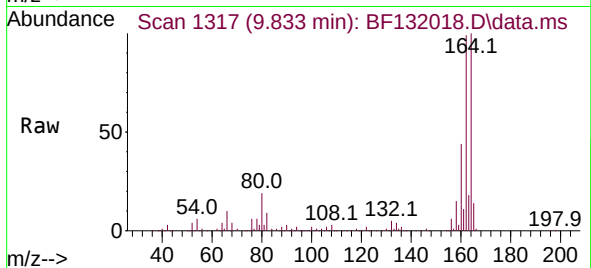
160 44.2 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.929 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

Tgt Ion:216 Resp: 247102

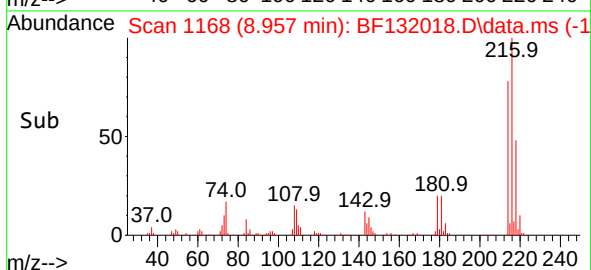
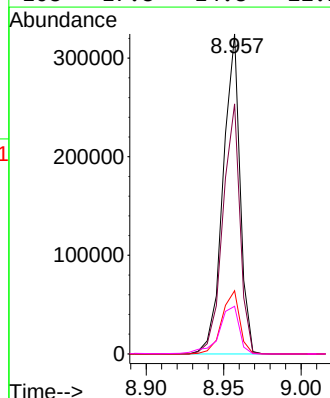
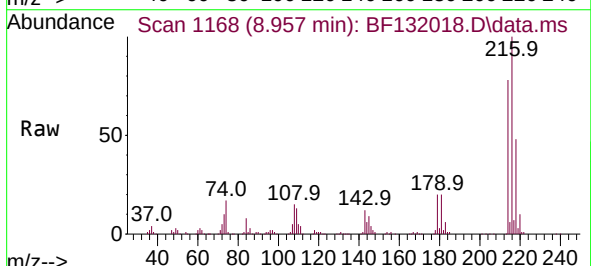
Ion Ratio Lower Upper

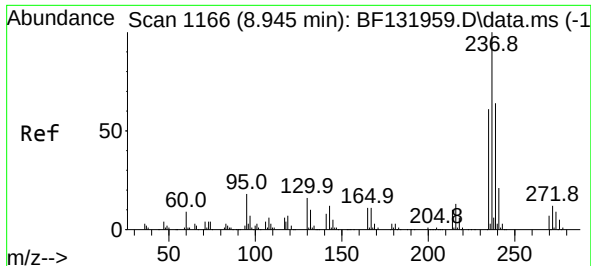
216 100

214 79.0 63.9 95.9

179 20.6 16.4 24.6

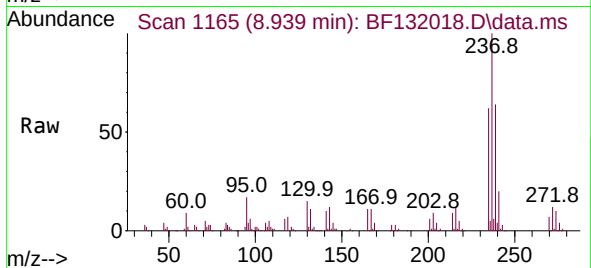
108 17.8 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 36.723 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

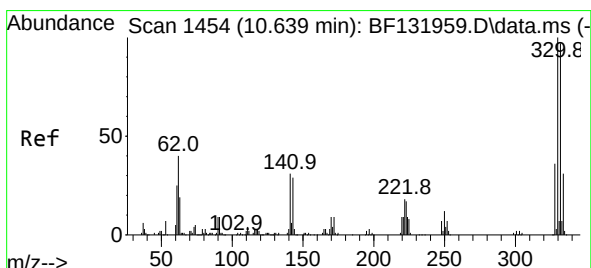
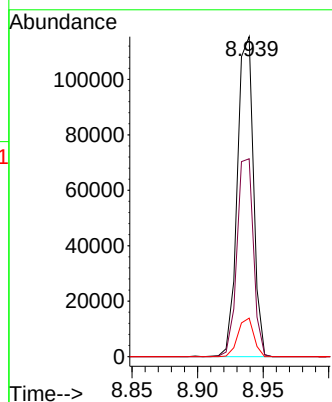
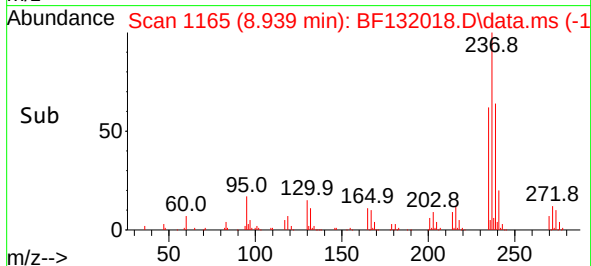
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



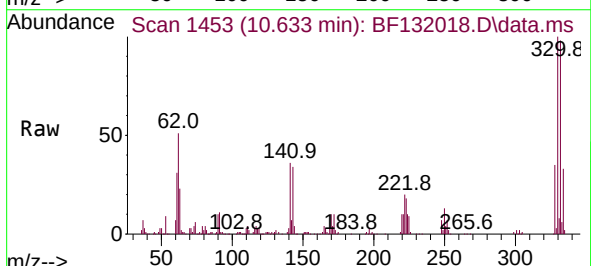
Tgt Ion: 237 Resp: 98649
Ion Ratio Lower Upper
237 100
235 61.8 41.2 81.2
272 12.0 0.0 31.7

Manual Integrations
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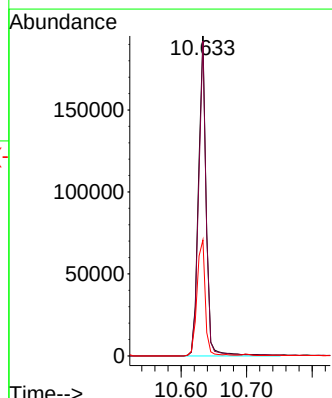
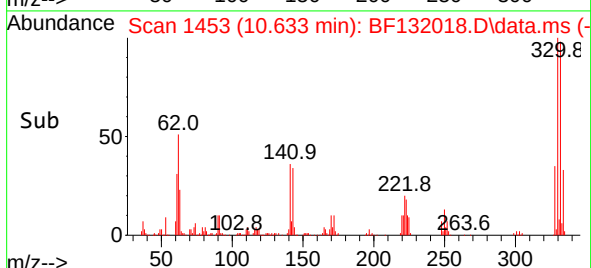
Reviewed By : Christian Giraldo 01/12/2023
Supervised By : Jagrut Upadhyay 01/12/2023

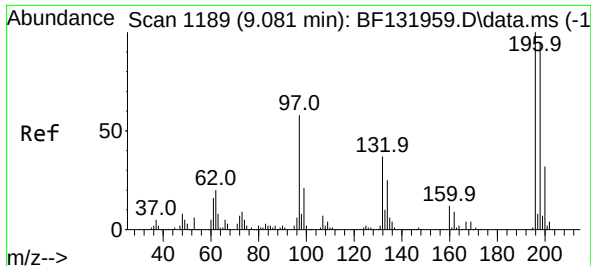


#42
2,4,6-Tribromophenol
Concen: 78.895 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



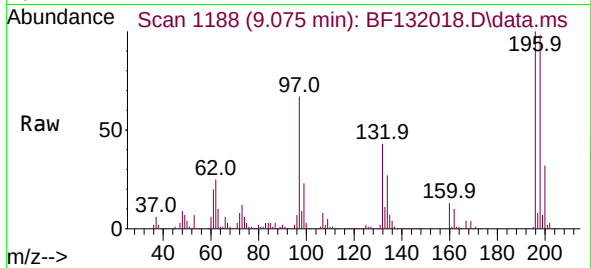
Tgt Ion: 330 Resp: 159312
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 39.3 31.3 46.9





#43
2,4,6-Trichlorophenol
Concen: 39.621 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

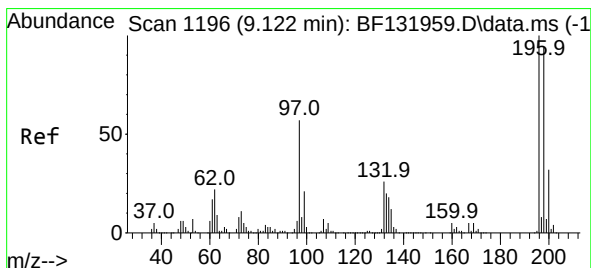
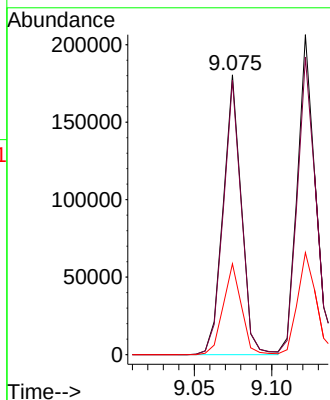
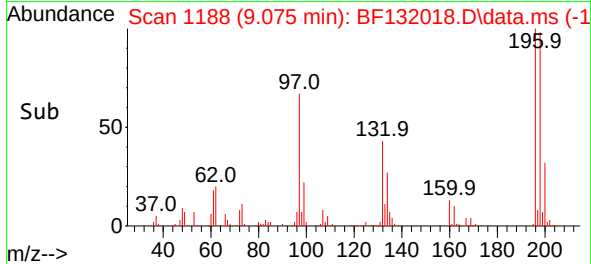
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



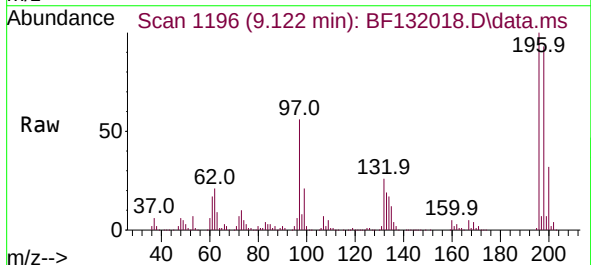
Tgt Ion:196 Resp: 147591
Ion Ratio Lower Upper
196 100
198 98.1 76.3 114.5
200 32.4 25.8 38.6

Manual Integrations
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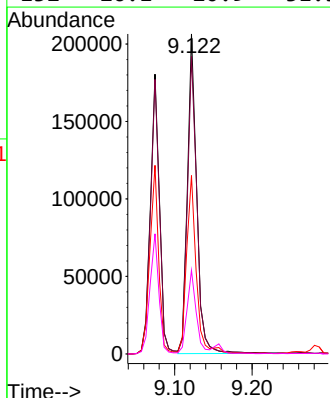
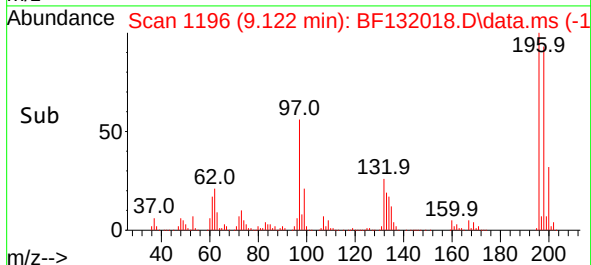
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

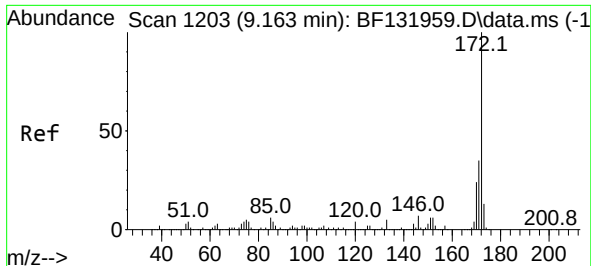


#44
2,4,5-Trichlorophenol
Concen: 39.751 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion:196 Resp: 172387
Ion Ratio Lower Upper
196 100
198 92.9 75.3 112.9
97 55.7 45.6 68.4
132 26.1 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 78.576 ng

RT: 9.157 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 102223

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

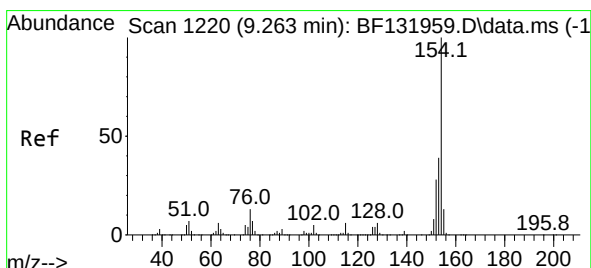
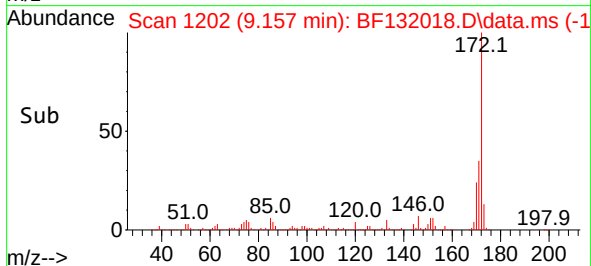
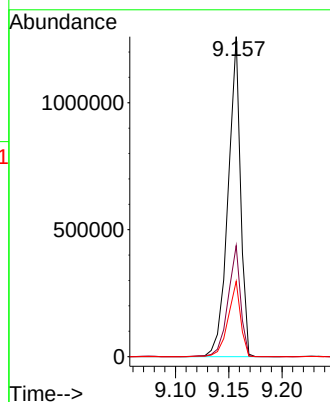
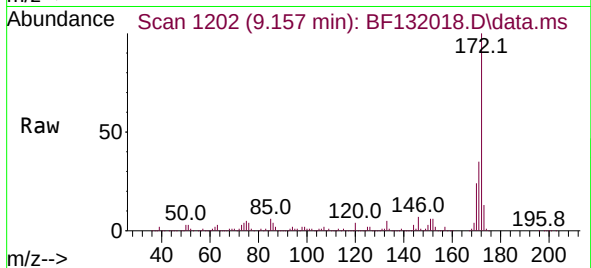
170 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#46

1,1'-Biphenyl

Concen: 40.164 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

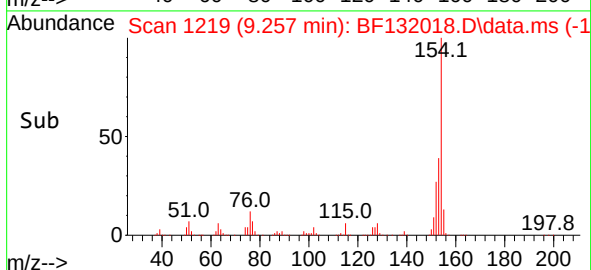
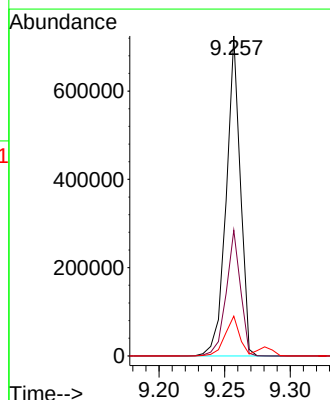
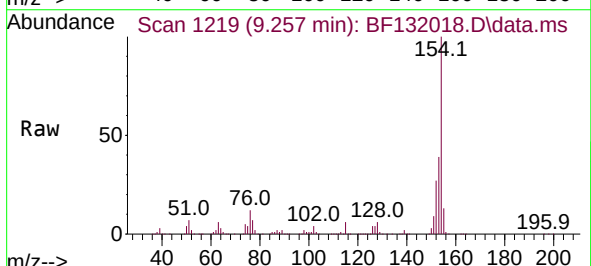
Tgt Ion:154 Resp: 544439

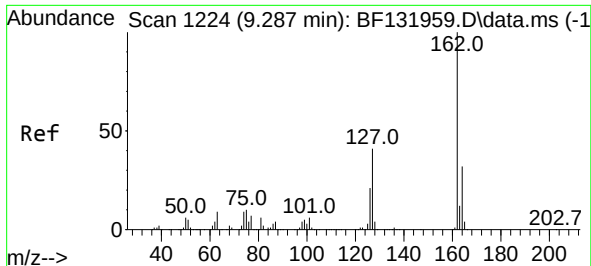
Ion Ratio Lower Upper

154 100

153 39.3 18.9 58.9

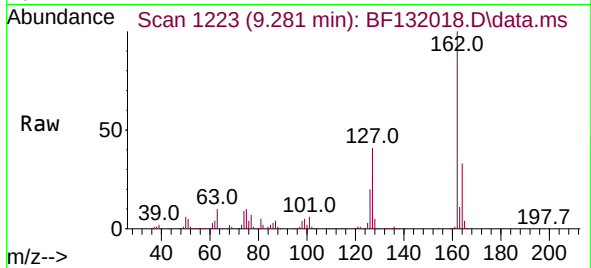
76 12.4 0.0 33.2





#47
2-Chloronaphthalene
Concen: 40.534 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.007 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

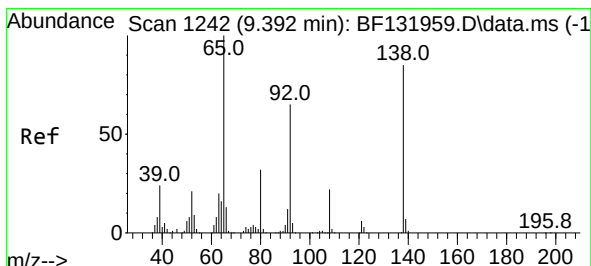
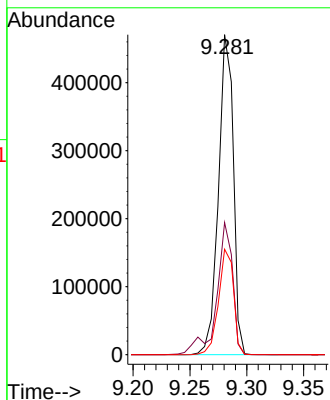
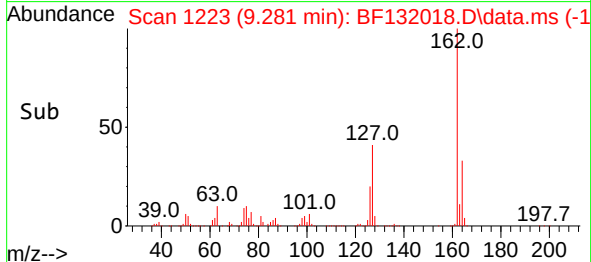
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 426450
Ion Ratio Lower Upper
162 100
127 41.3 33.0 49.4
164 32.9 25.8 38.8

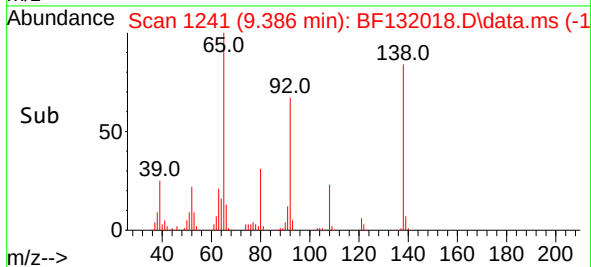
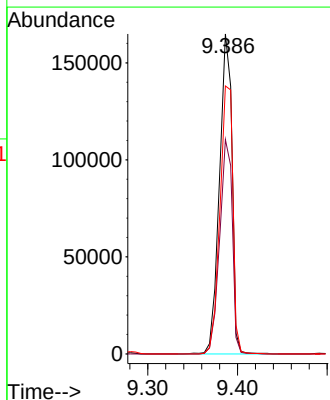
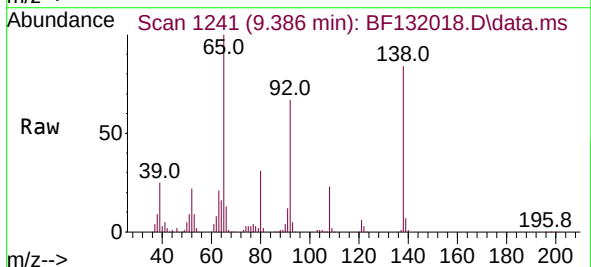
Manual Integrations
APPROVED

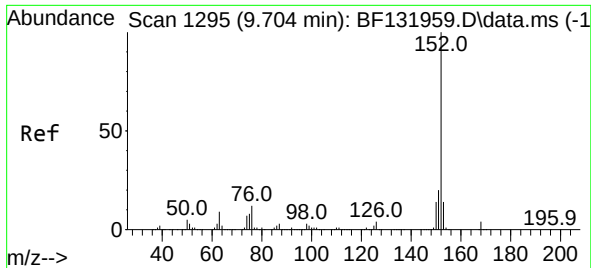
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#48
2-Nitroaniline
Concen: 41.986 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

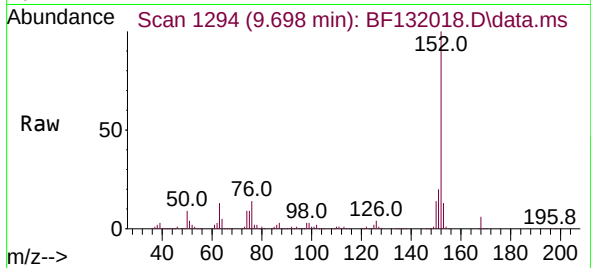
Tgt Ion: 65 Resp: 160440
Ion Ratio Lower Upper
65 100
92 67.0 52.2 78.2
138 83.7 67.8 101.8





#49
Acenaphthylene
Concen: 40.450 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

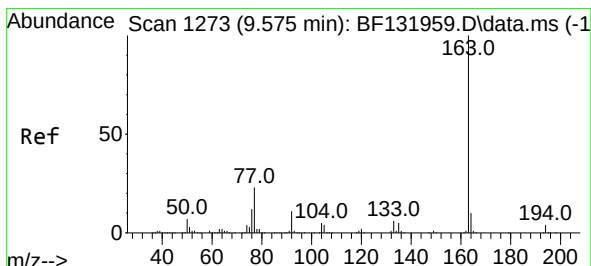
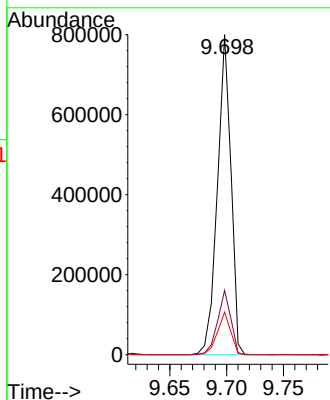
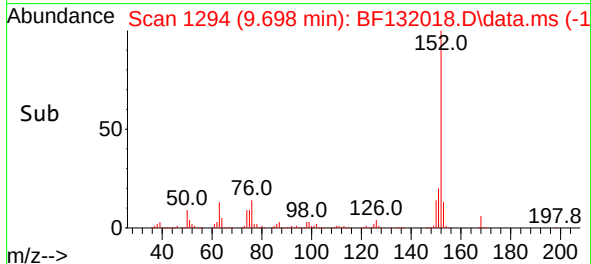
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



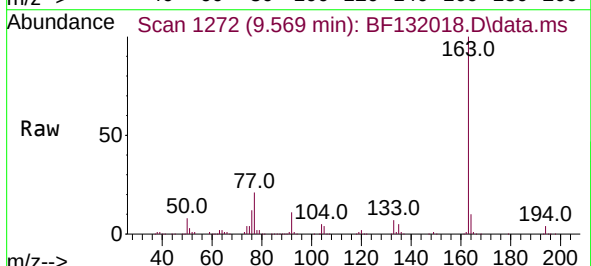
Tgt Ion:152 Resp: 660398
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.8 16.2

Manual Integrations
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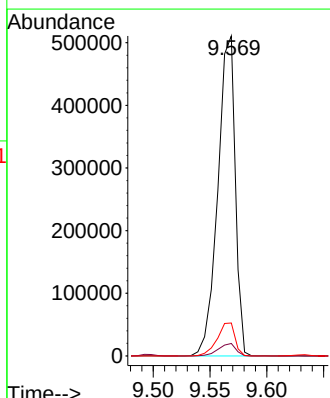
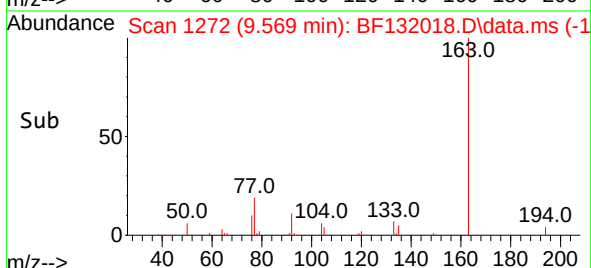
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

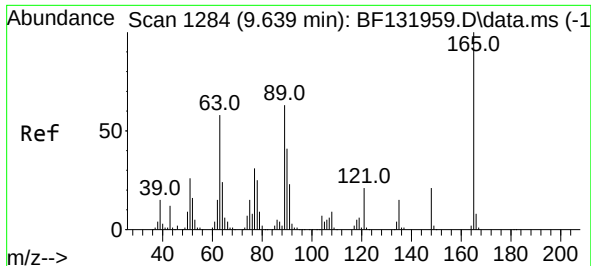


#50
Dimethylphthalate
Concen: 39.853 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



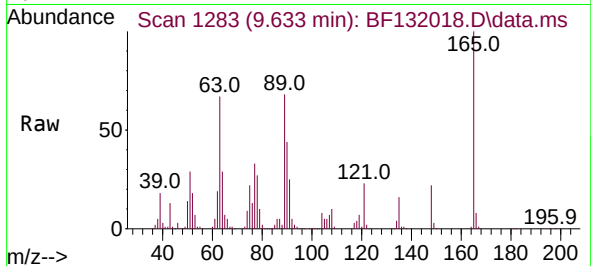
Tgt Ion:163 Resp: 545576
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 40.563 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

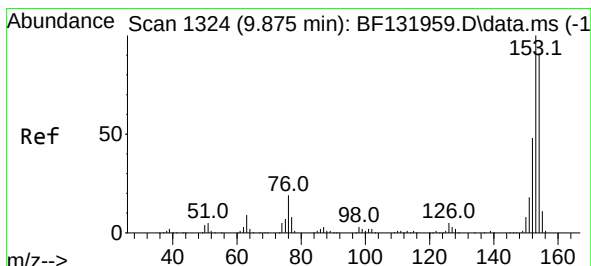
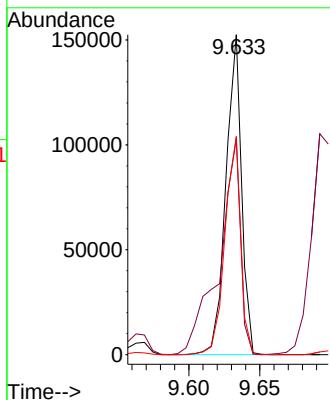
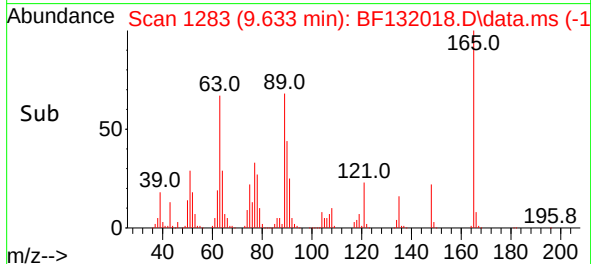
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



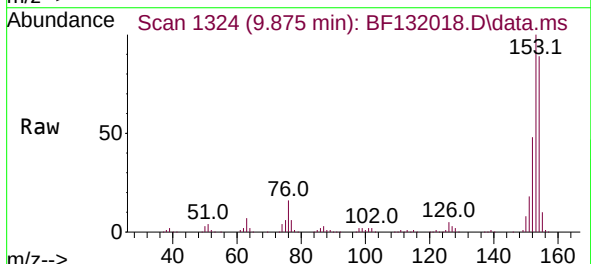
Tgt Ion:165 Resp: 116792
Ion Ratio Lower Upper
165 100
63 67.4 47.4 71.0
89 68.2 50.2 75.2

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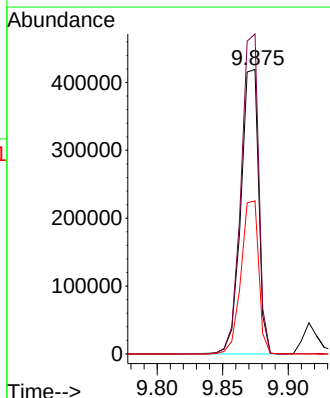
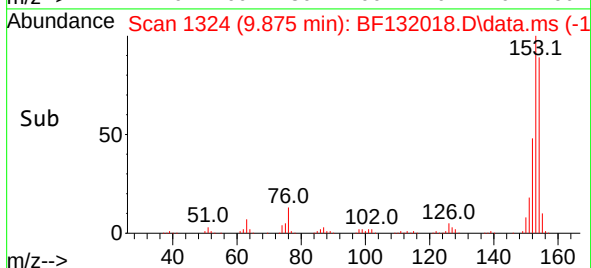
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

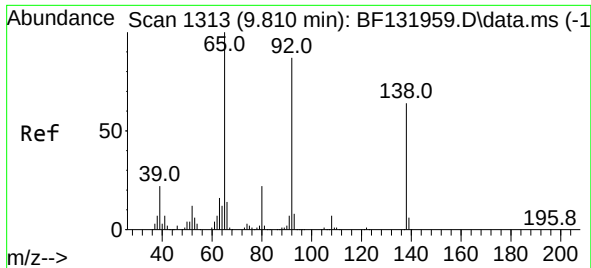


#52
Acenaphthene
Concen: 40.175 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion:154 Resp: 393719
Ion Ratio Lower Upper
154 100
153 112.5 87.7 131.5
152 53.8 42.2 63.2





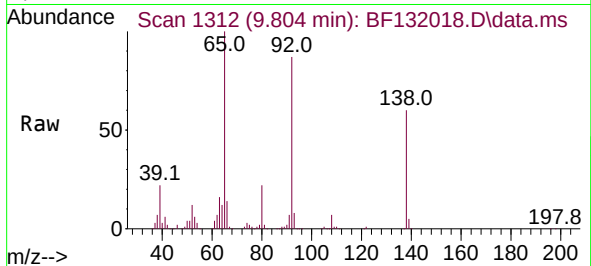
#53
3-Nitroaniline
Concen: 41.823 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

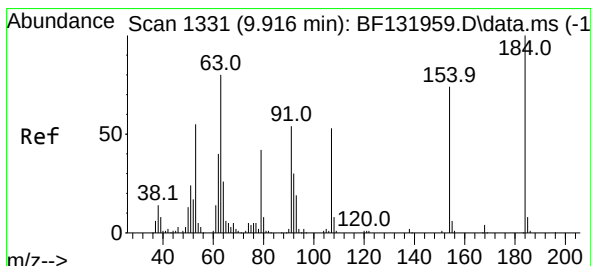
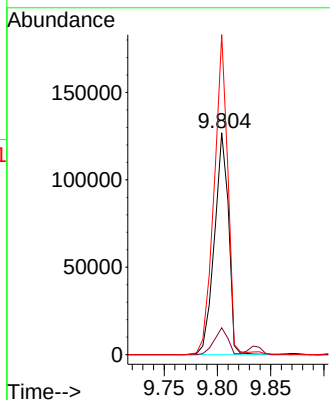
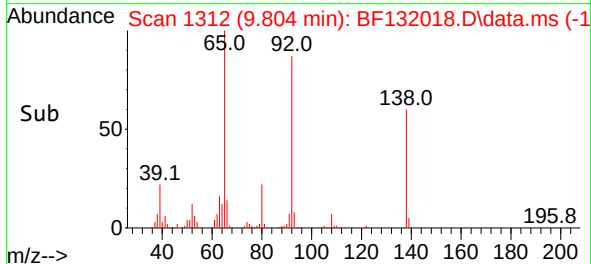


Tgt Ion:138 Resp: 116828
Ion Ratio Lower Upper
138 100
108 12.1 8.8 13.2
92 144.3 108.1 162.1

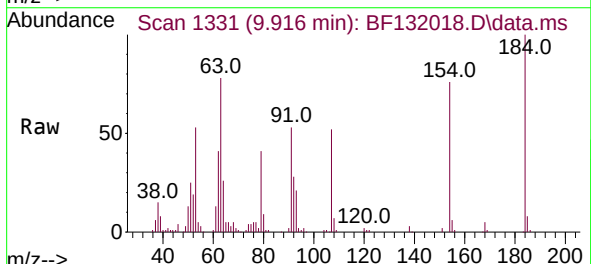
Manual Integrations

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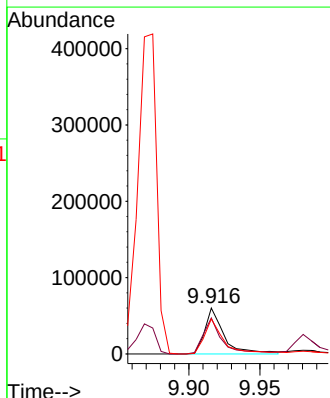
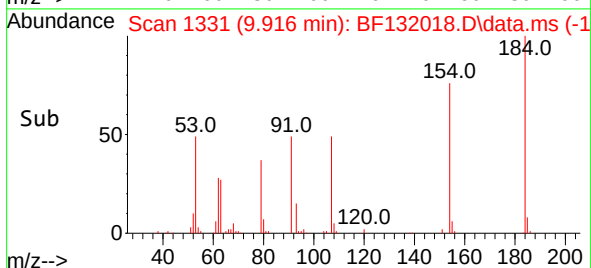
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

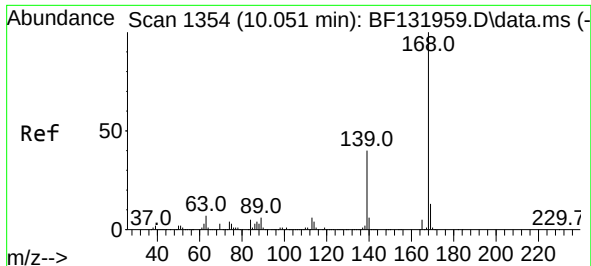


#54
2,4-Dinitrophenol
Concen: 38.885 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion:184 Resp: 56214
Ion Ratio Lower Upper
184 100
63 78.4 63.7 95.5
154 76.3 60.1 90.1





#55
Dibenzofuran
Concen: 39.487 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

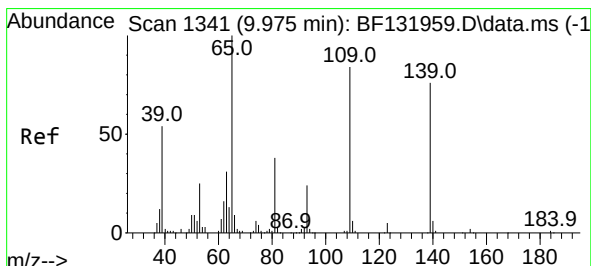
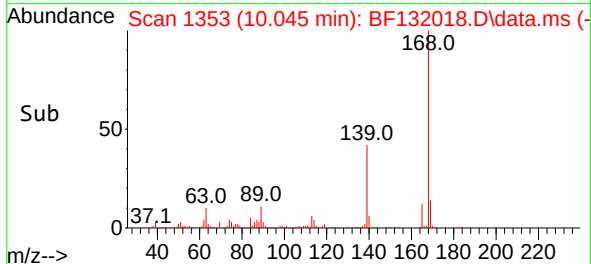
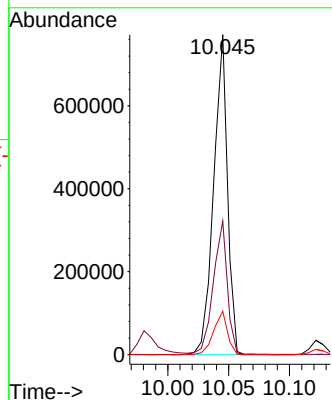
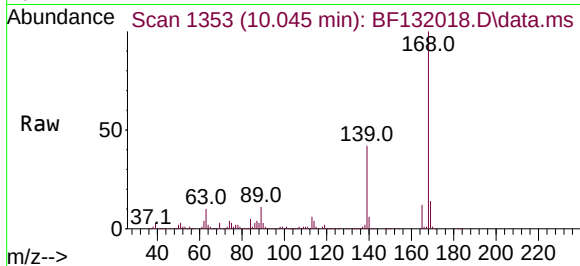
SSTDCCC040

Tgt Ion:168 Resp: 609984
Ion Ratio Lower Upper
168 100
139 41.8 32.4 48.6
169 13.5 10.7 16.1

Manual Integrations

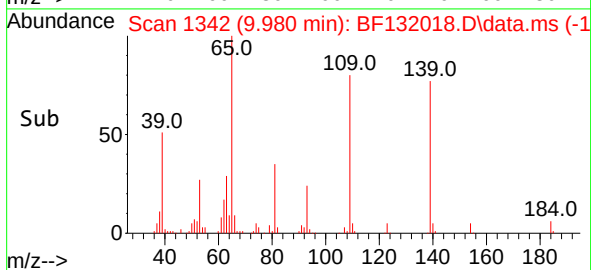
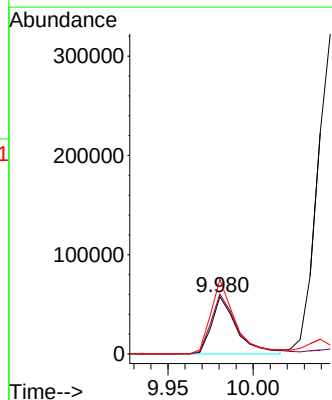
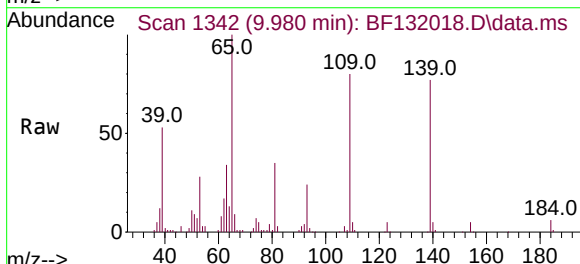
APPROVED

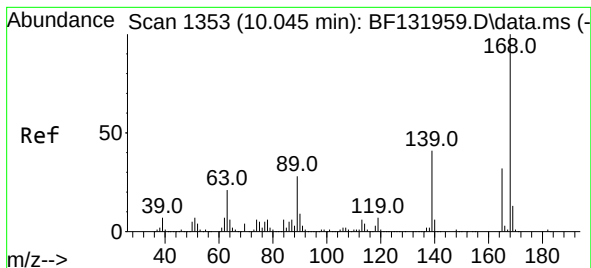
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#56
4-Nitrophenol
Concen: 37.556 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

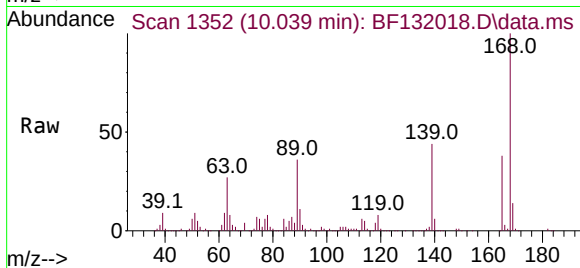
Tgt Ion:139 Resp: 59091
Ion Ratio Lower Upper
139 100
109 104.5 90.5 130.5
65 130.4 112.6 152.6





#57
2,4-Dinitrotoluene
Concen: 40.870 ng
RT: 10.039 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

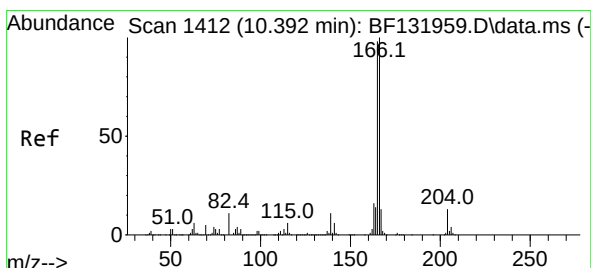
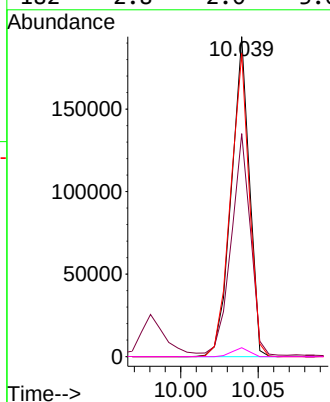
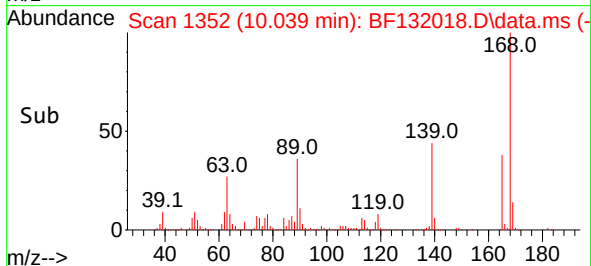
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



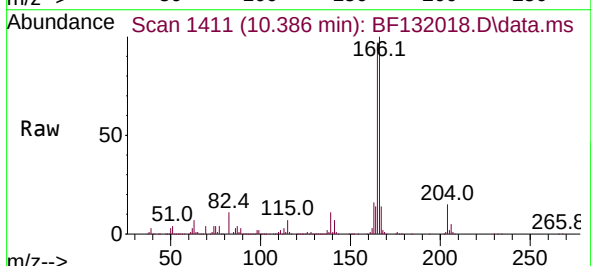
Tgt Ion:165 Resp: 157328
Ion Ratio Lower Upper
165 100
63 69.7 53.2 79.8
89 94.7 71.2 106.8
182 2.8 2.0 3.0

Manual Integrations
APPROVED

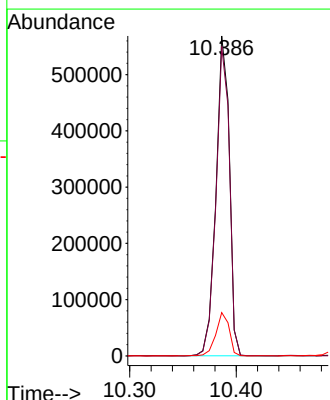
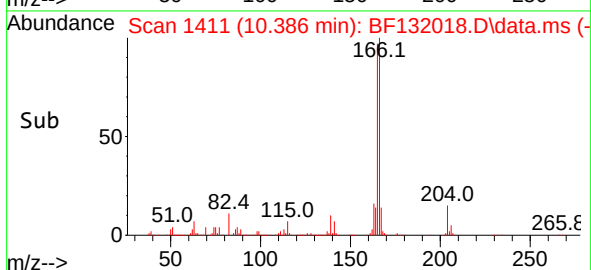
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

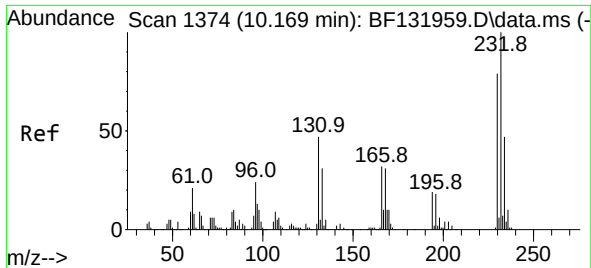


#58
Fluorene
Concen: 40.325 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



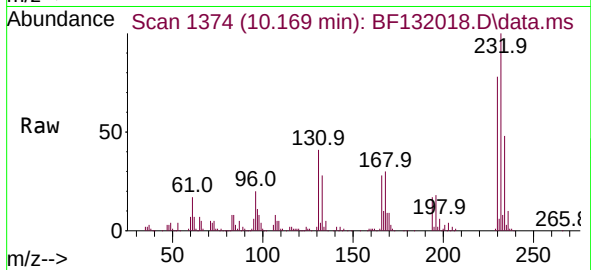
Tgt Ion:166 Resp: 497620
Ion Ratio Lower Upper
166 100
165 96.7 78.3 117.5
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.321 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

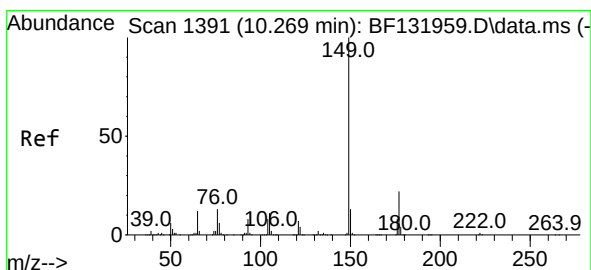
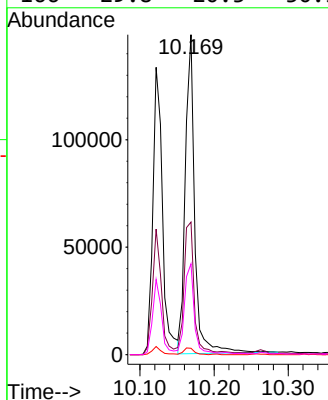
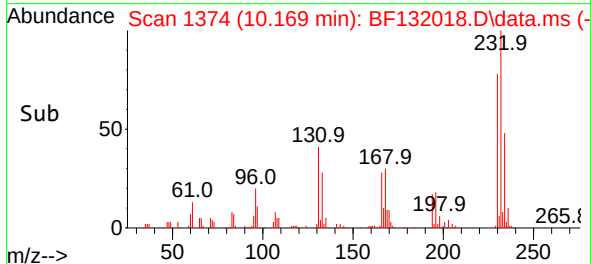
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 130292
Ion Ratio Lower Upper
232 100
131 44.7 33.0 49.4
130 2.3 1.8 2.8
166 29.8 20.3 30.5

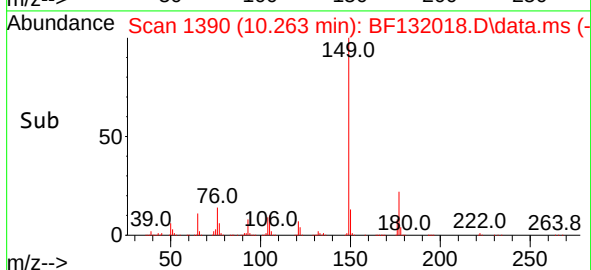
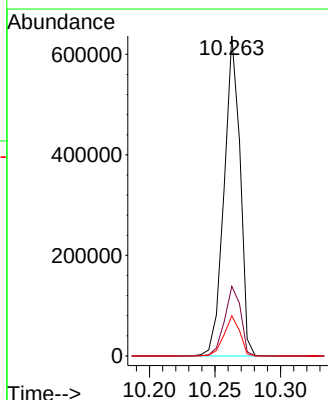
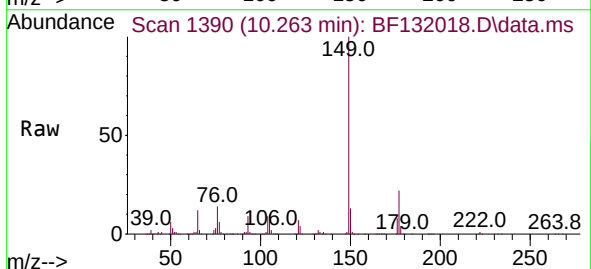
Manual Integrations
APPROVED

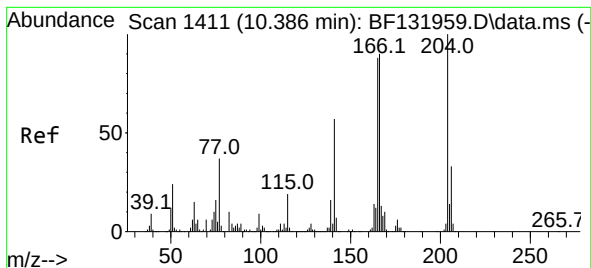
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#60
Diethylphthalate
Concen: 40.116 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion:149 Resp: 540004
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 12.5 10.2 15.2





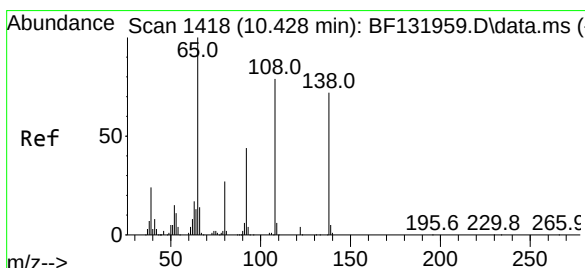
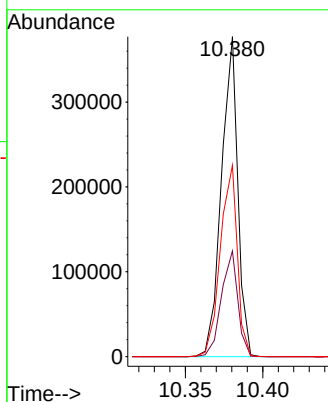
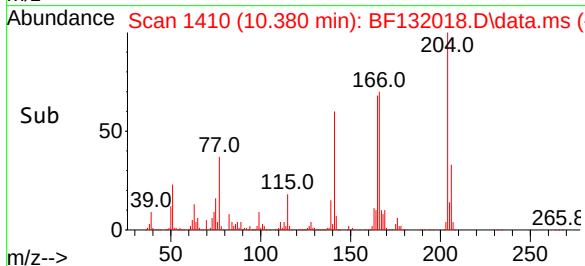
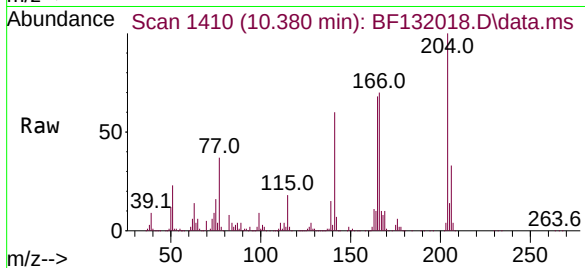
#61
4-Chlorophenyl-phenylether
Concen: 39.259 ng
RT: 10.380 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 277334
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 59.8 45.6 68.4

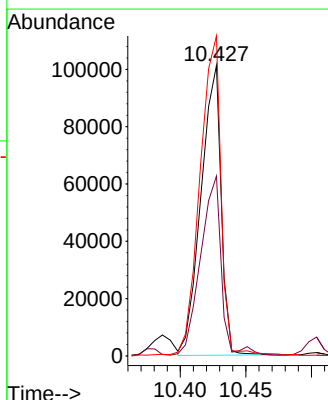
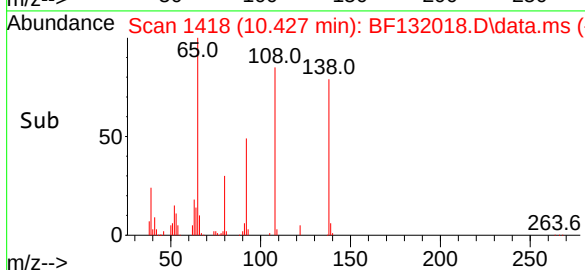
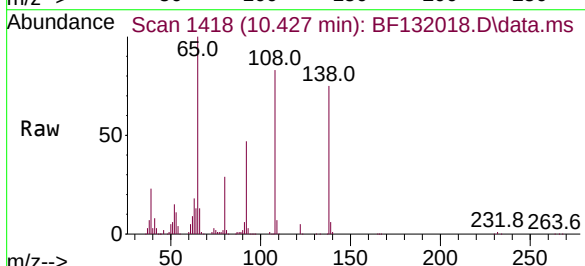
Manual Integrations
APPROVED

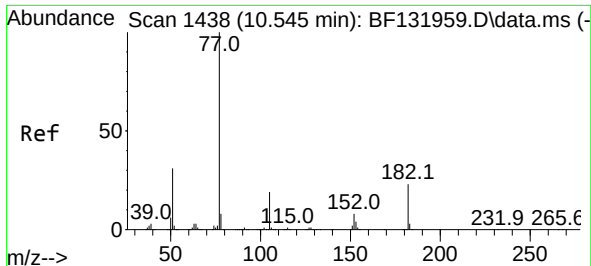
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#62
4-Nitroaniline
Concen: 42.934 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

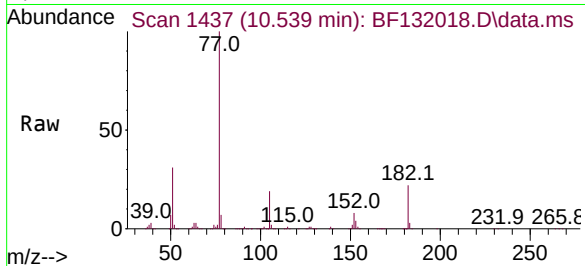
Tgt Ion:138 Resp: 107840
Ion Ratio Lower Upper
138 100
92 61.9 41.3 81.3
108 110.2 89.8 129.8





#63
Azobenzene
Concen: 39.751 ng
RT: 10.539 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

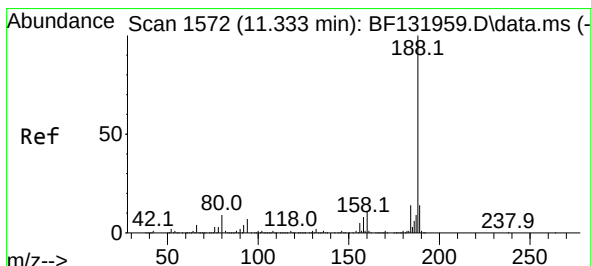
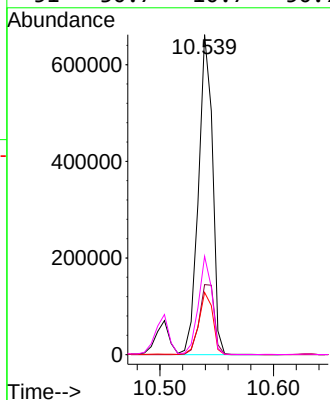
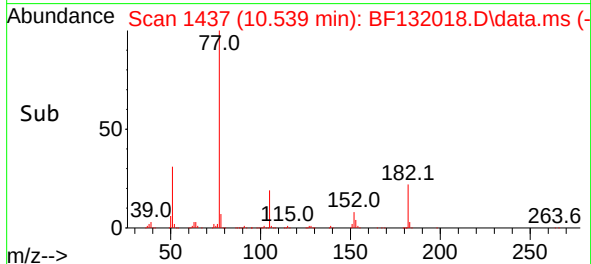
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



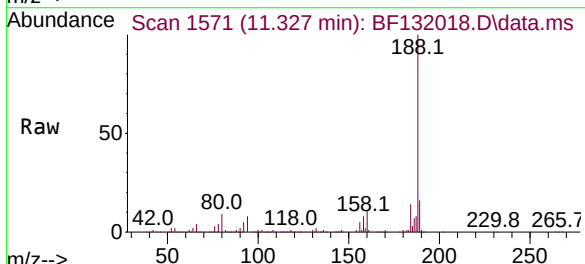
Tgt Ion: 77 Resp: 567628
Ion Ratio Lower Upper
77 100
182 21.9 2.9 42.9
105 19.4 0.0 39.3
51 30.7 10.7 50.7

Manual Integrations
APPROVED

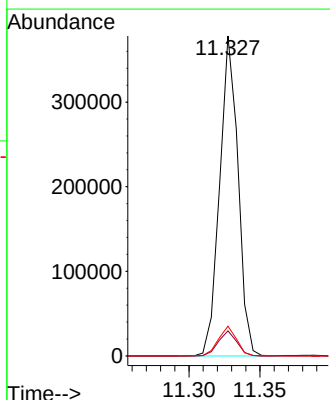
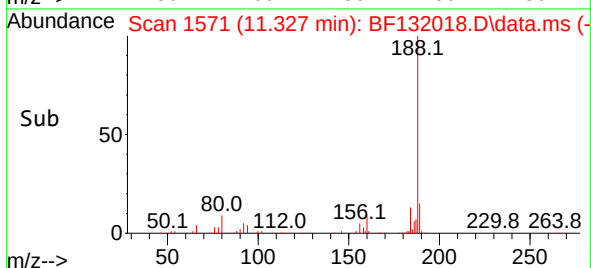
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

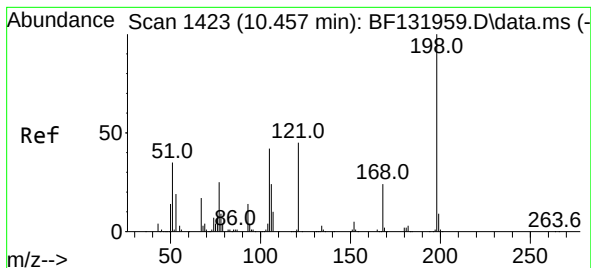


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion:188 Resp: 341442
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 9.3 7.4 11.0





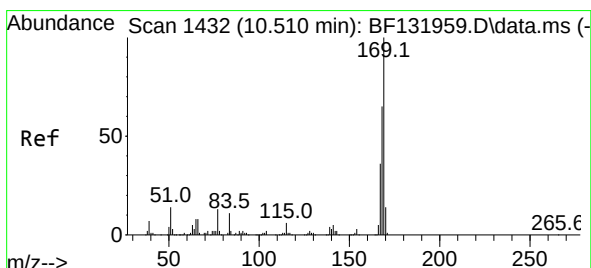
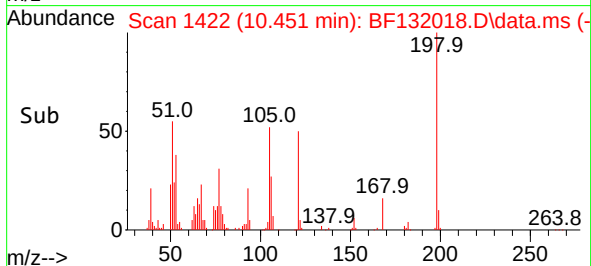
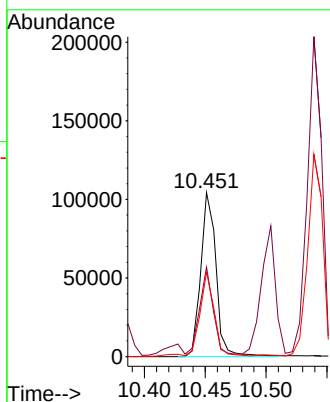
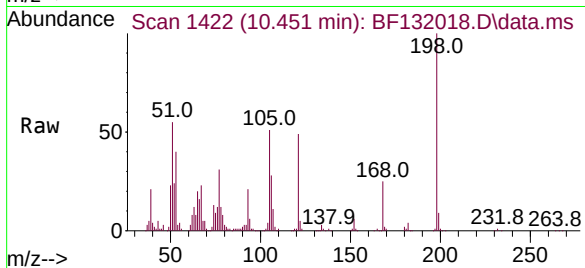
#65
4,6-Dinitro-2-methylphenol
Concen: 41.376 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 91106
Ion Ratio Lower Upper
198 100
51 54.5 21.4 61.4
105 51.5 23.0 63.0

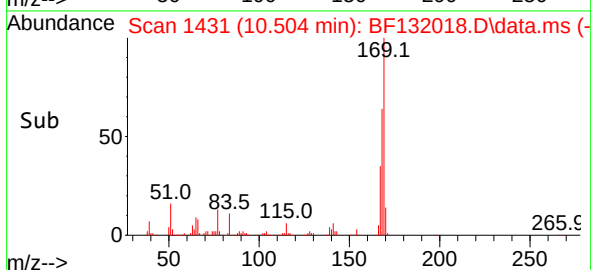
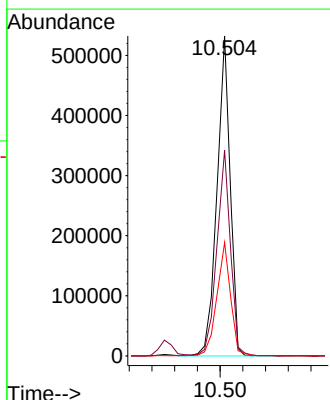
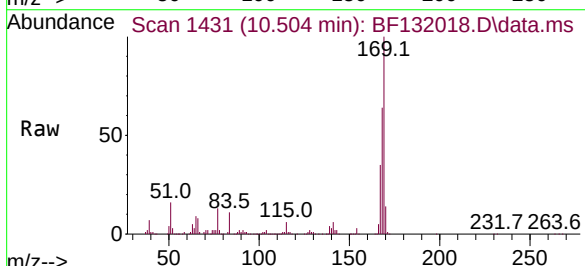
Manual Integrations
APPROVED

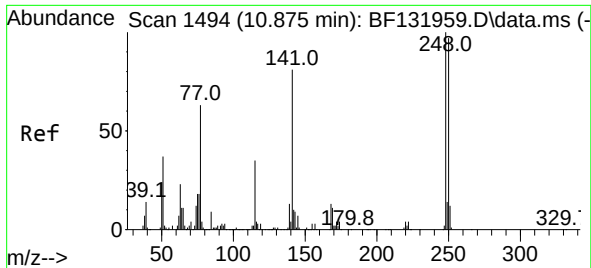
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#66
n-Nitrosodiphenylamine
Concen: 40.060 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

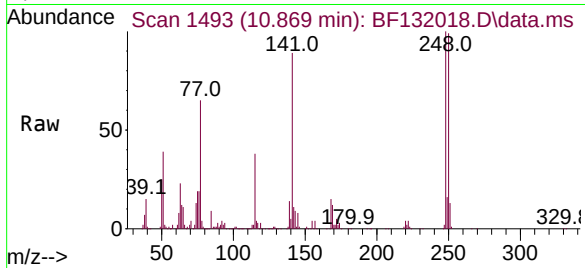
Tgt Ion:169 Resp: 429128
Ion Ratio Lower Upper
169 100
168 64.3 52.5 78.7
167 35.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 39.046 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

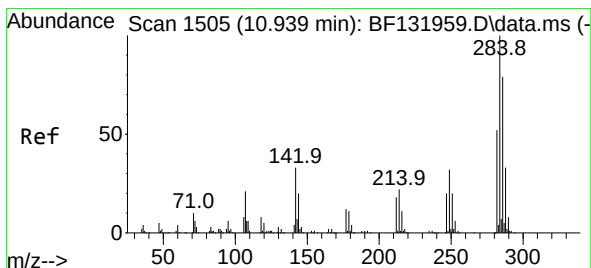
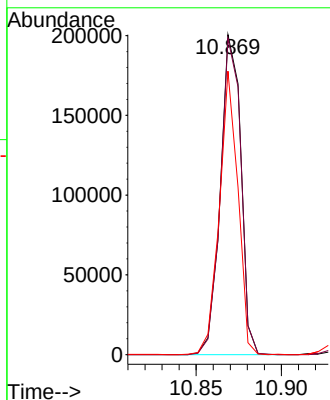
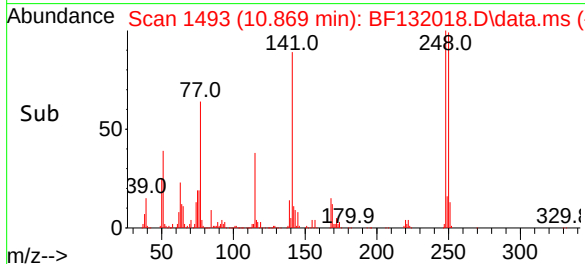
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



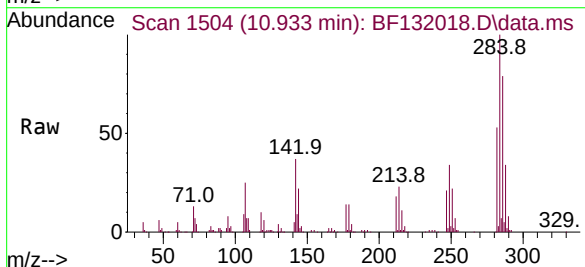
Tgt Ion:248 Resp: 166781
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.2
141 88.6 65.0 97.6

Manual Integrations
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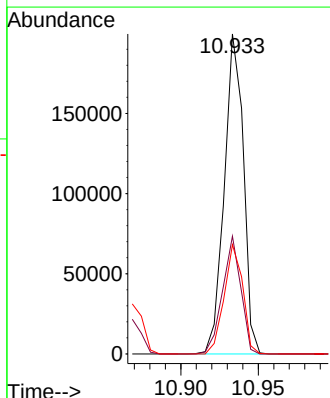
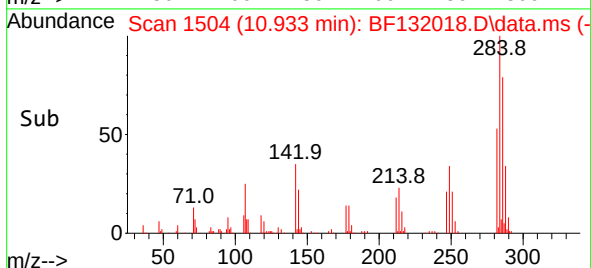
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

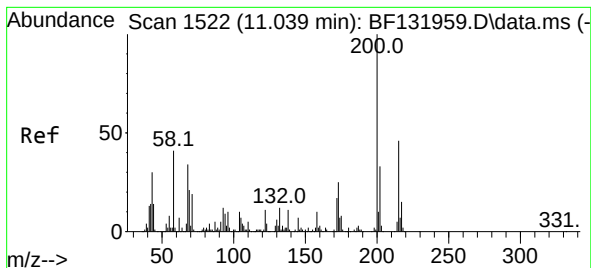


#68
Hexachlorobenzene
Concen: 39.553 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion:284 Resp: 170904
Ion Ratio Lower Upper
284 100
142 36.8 26.4 39.6
249 34.1 25.4 38.2





#69

Atrazine

Concen: 40.294 ng

RT: 11.033 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF132018.D

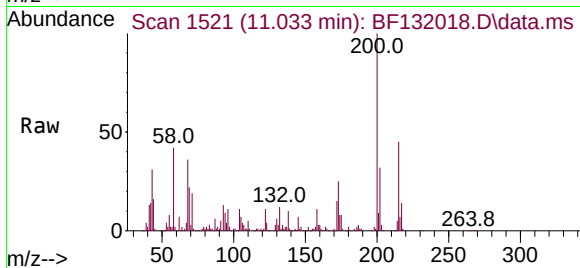
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:200 Resp: 156966

Ion Ratio Lower Upper

200 100

173 25.2 5.1 45.1

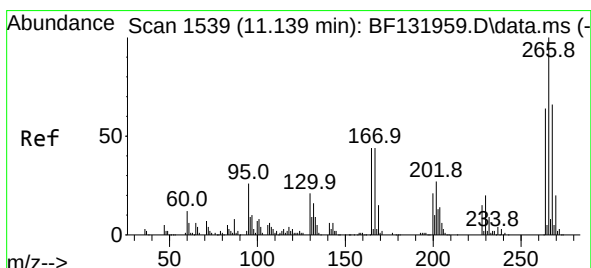
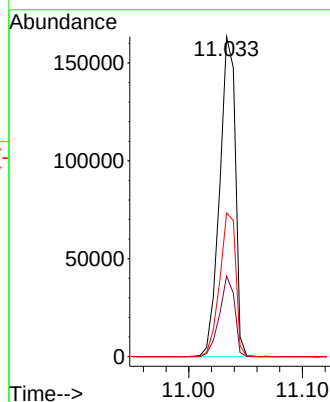
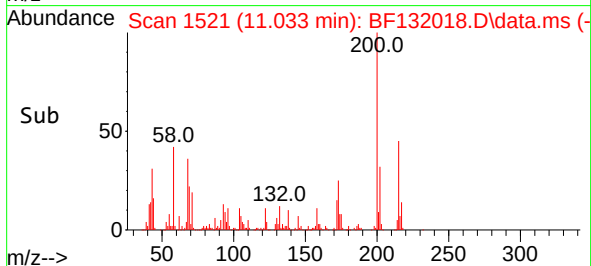
215 44.9 25.6 65.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#70

Pentachlorophenol

Concen: 37.707 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

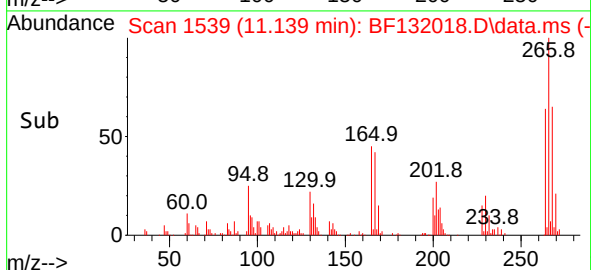
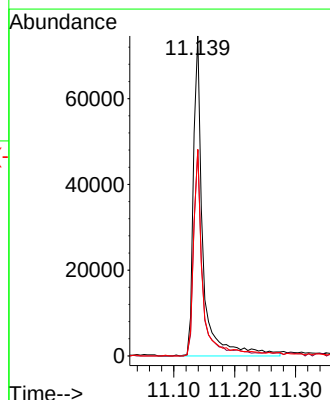
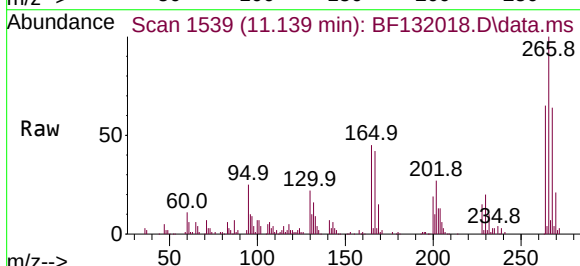
Tgt Ion:266 Resp: 81269

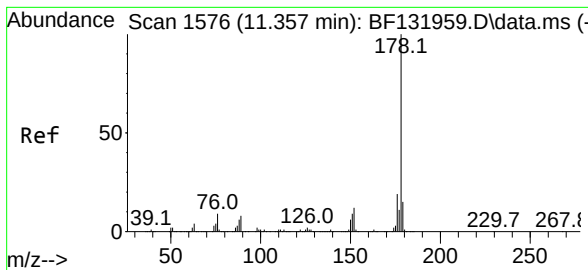
Ion Ratio Lower Upper

266 100

268 64.4 52.7 79.1

264 64.5 51.6 77.4





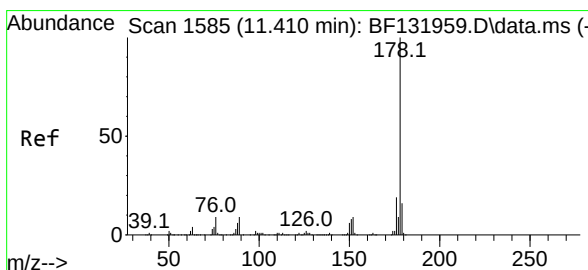
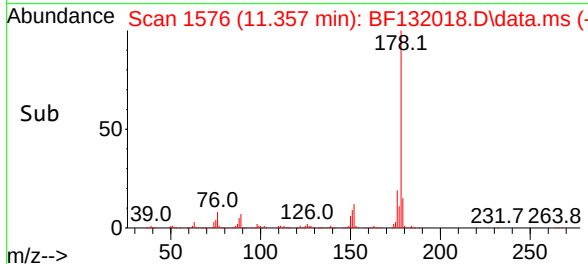
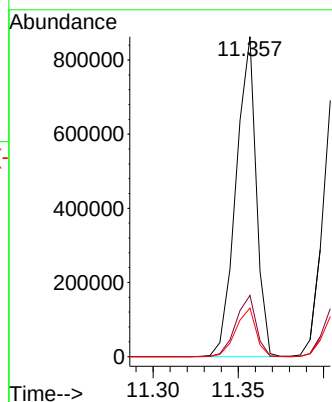
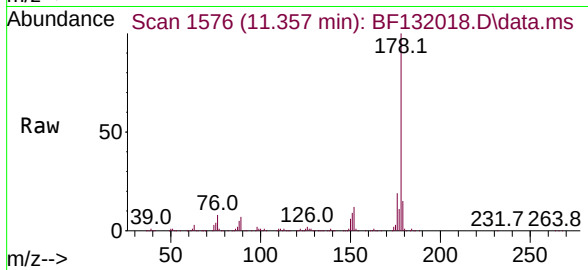
#71
Phenanthrene
Concen: 39.979 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 711604
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.2 12.4 18.6

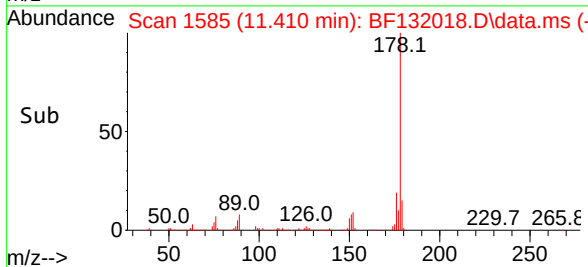
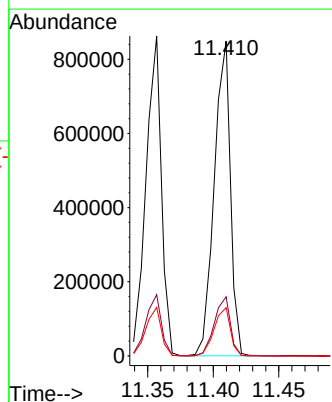
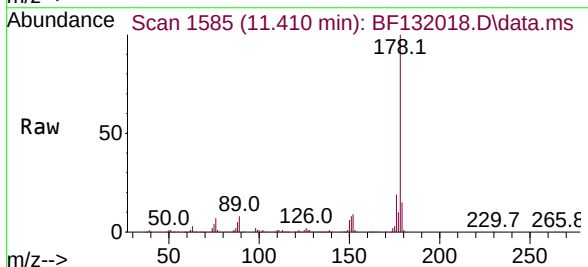
Manual Integrations
APPROVED

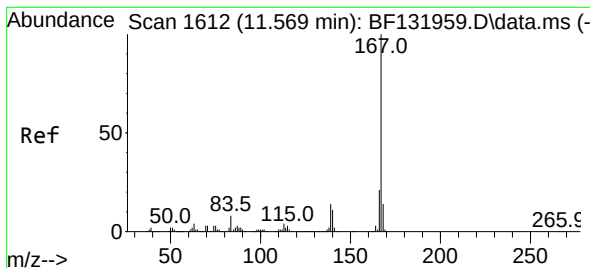
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#72
Anthracene
Concen: 39.904 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

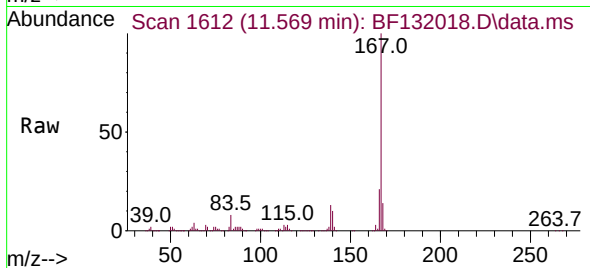
Tgt Ion:178 Resp: 731202
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.3 12.6 19.0





#73
 Carbazole
 Concen: 40.456 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF132018.D
 Acq: 11 Jan 2023 10:46

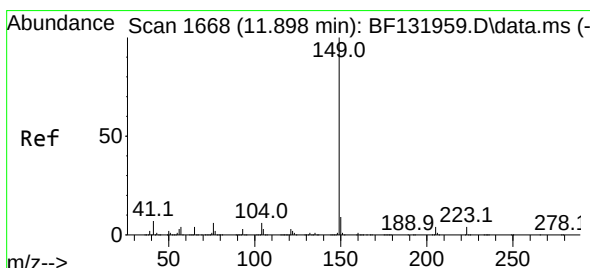
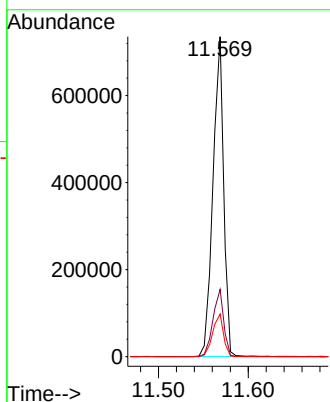
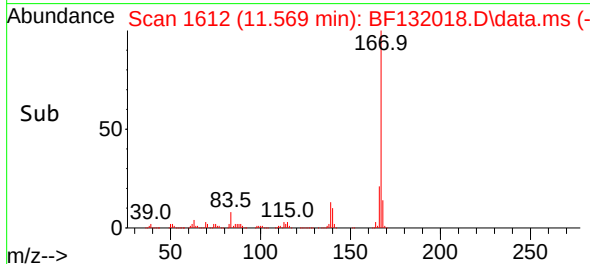
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



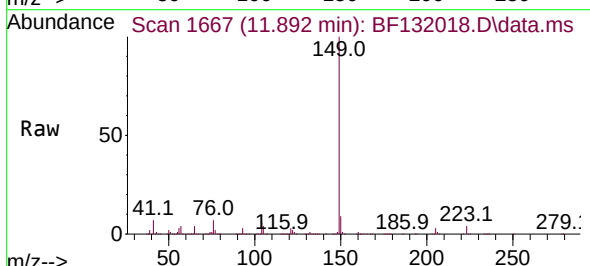
Tgt Ion:167 Resp: 613722
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.8 25.2
 139 13.3 11.1 16.7

Manual Integrations
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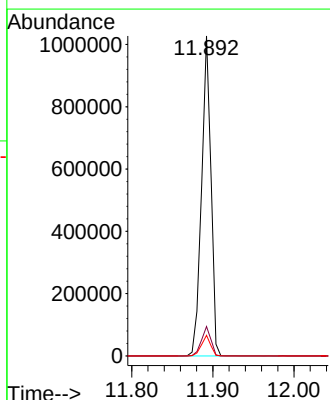
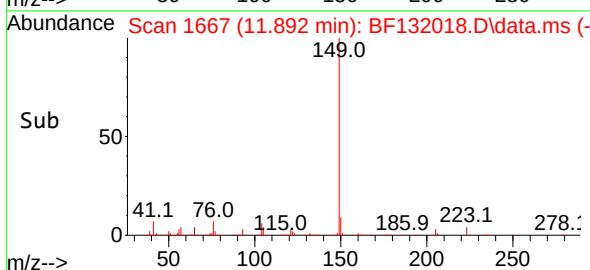
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023

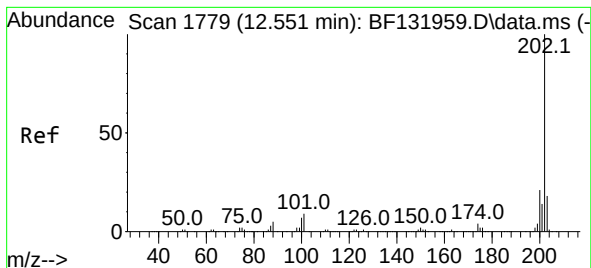


#74
 Di-n-butylphthalate
 Concen: 38.931 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF132018.D
 Acq: 11 Jan 2023 10:46



Tgt Ion:149 Resp: 822343
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.4 5.0 7.6





#75

Fluoranthene

Concen: 40.217 ng

RT: 12.551 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 805058

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.8

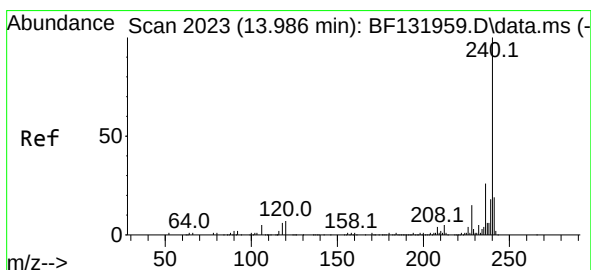
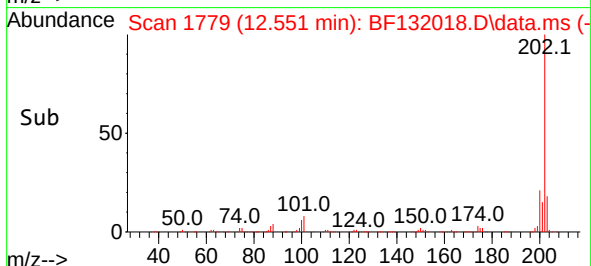
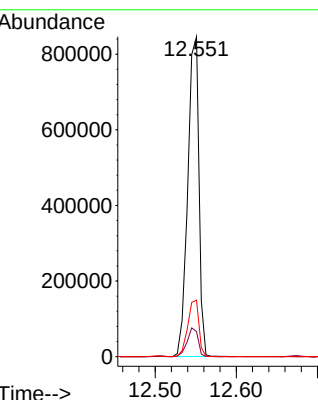
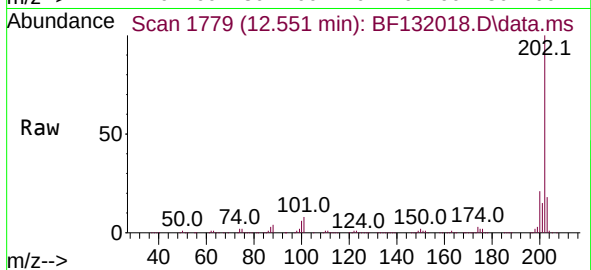
203 17.6 0.0 37.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

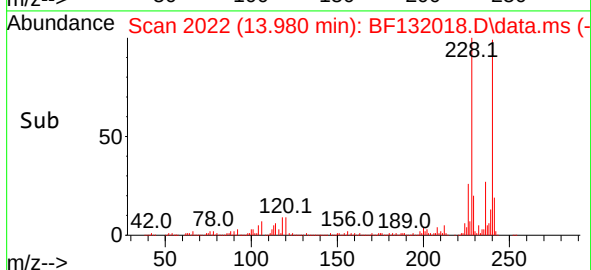
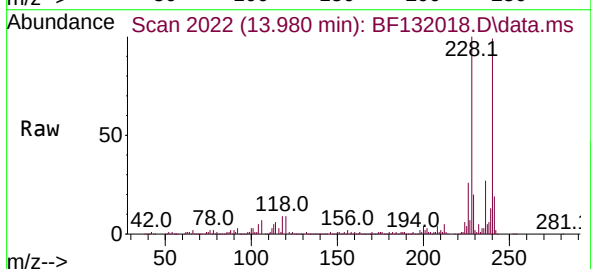
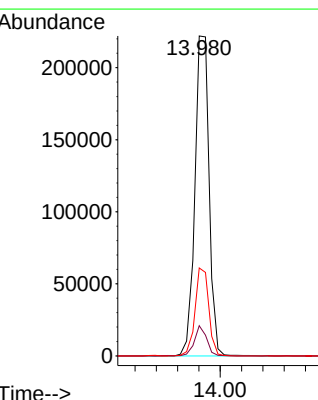
Tgt Ion:240 Resp: 205327

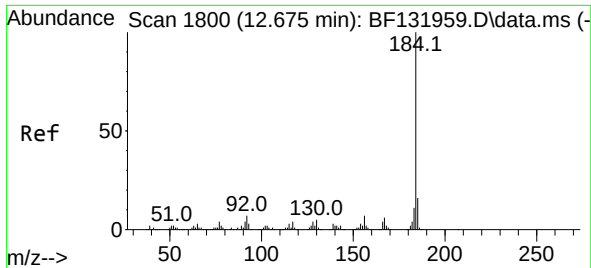
Ion Ratio Lower Upper

240 100

120 9.4 5.4 8.0#

236 27.5 21.1 31.7





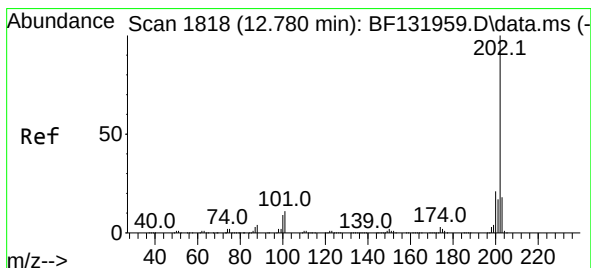
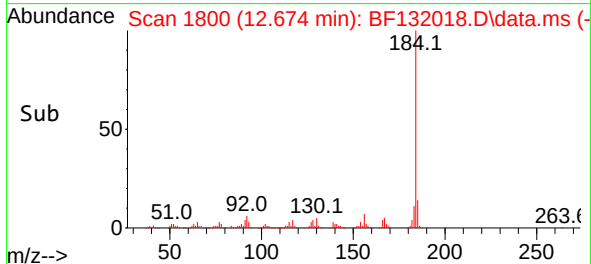
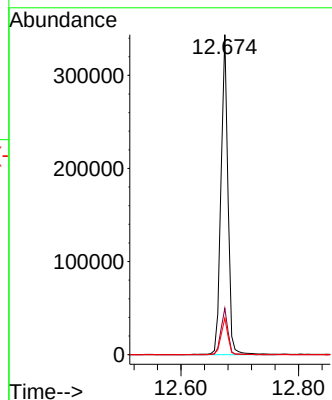
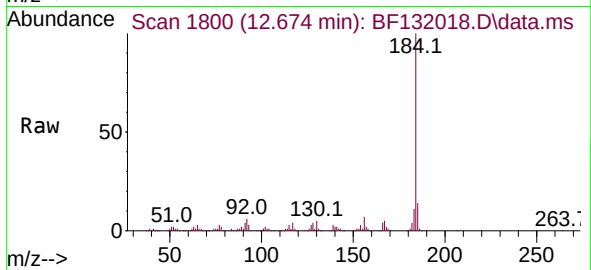
#77
Benzidine
Concen: 41.334 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 281955
Ion Ratio Lower Upper
184 100
185 14.5 12.8 19.2
183 11.4 9.0 13.4

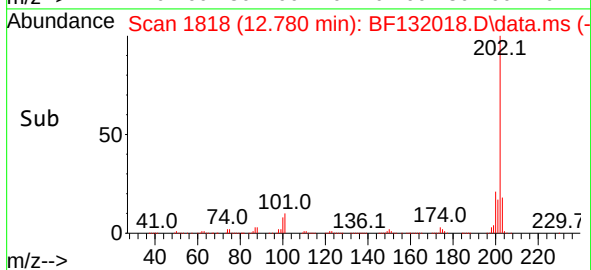
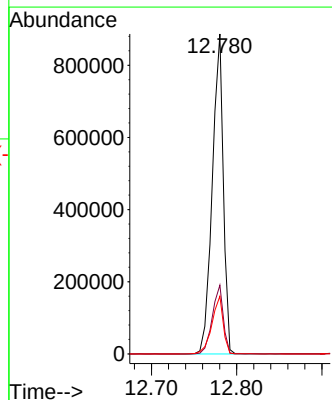
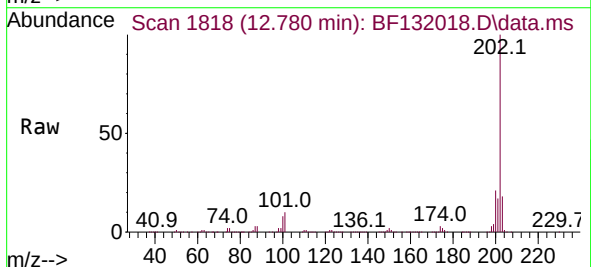
Manual Integrations
APPROVED

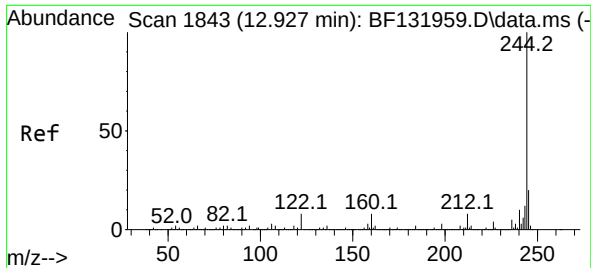
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#78
Pyrene
Concen: 42.469 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion:202 Resp: 795327
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 18.0 14.1 21.1





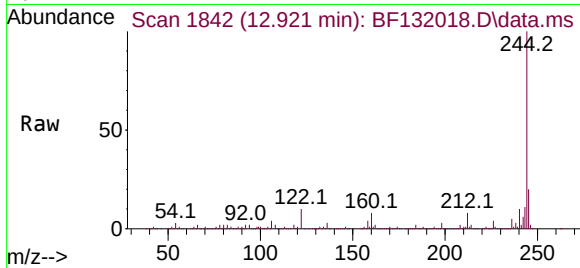
#79
Terphenyl-d14
Concen: 83.861 ng
RT: 12.921 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

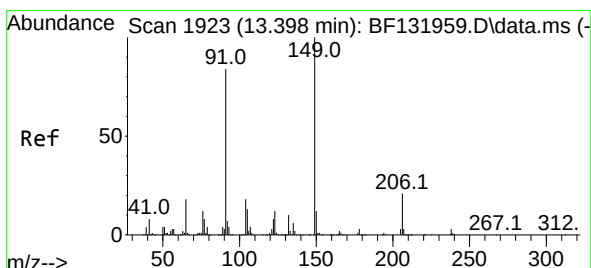
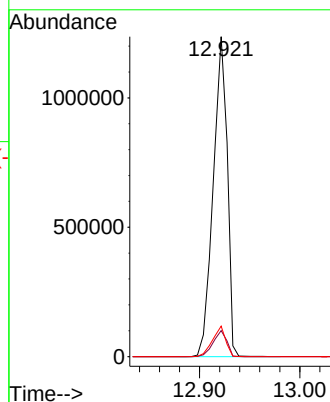
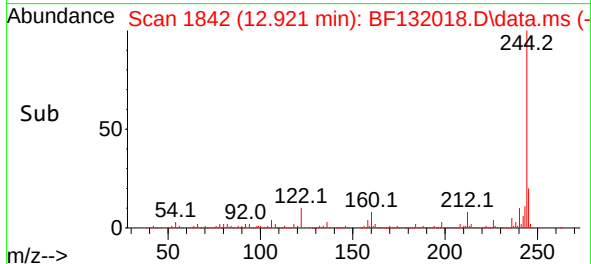


Tgt Ion:244 Resp: 1201372
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 9.5 6.8 10.2

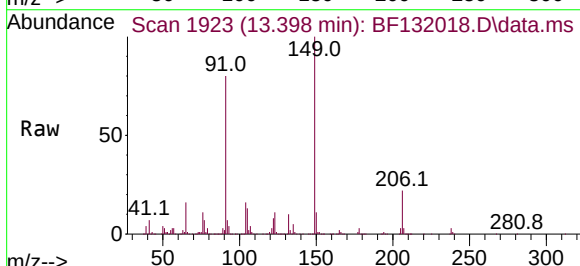
Manual Integrations

APPROVED

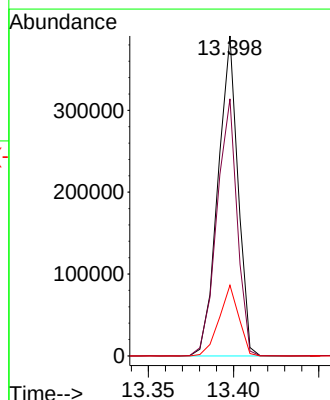
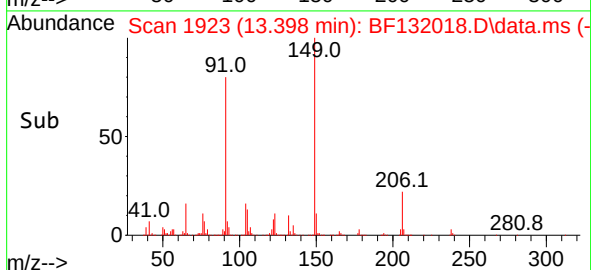
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

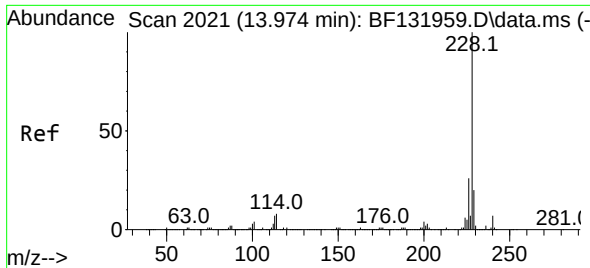


#80
Butylbenzylphthalate
Concen: 42.126 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion:149 Resp: 318435
Ion Ratio Lower Upper
149 100
91 80.3 67.0 100.4
206 22.1 16.9 25.3





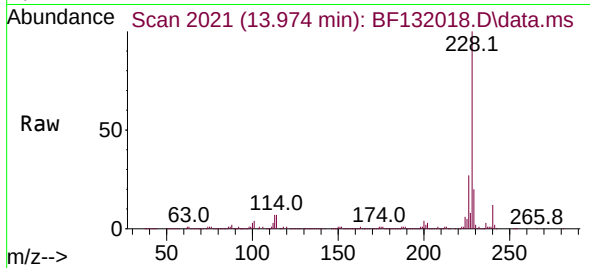
#81
Benzo(a)anthracene
Concen: 40.688 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

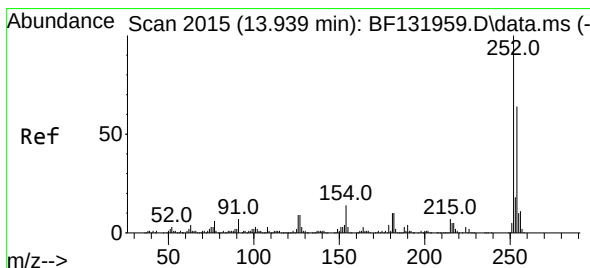
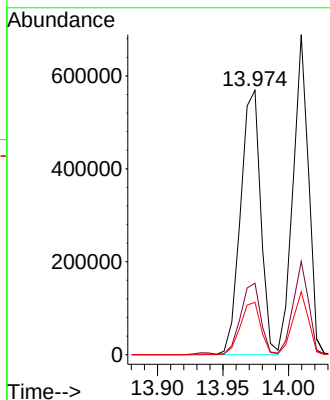
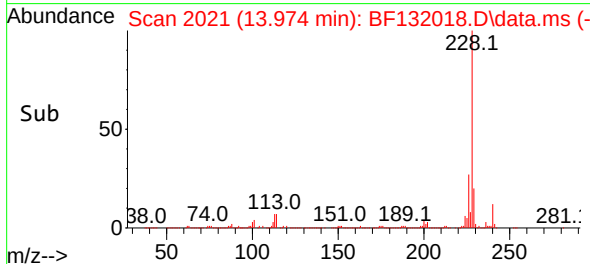


Tgt Ion:228 Resp: 607803
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.4
229 19.8 15.8 23.6

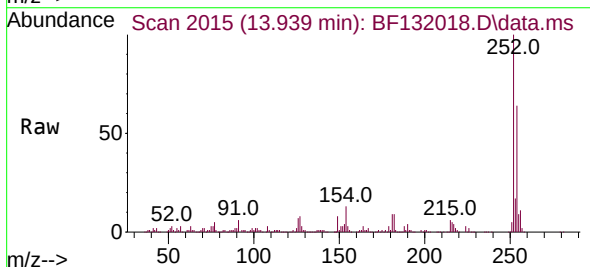
Manual Integrations

APPROVED

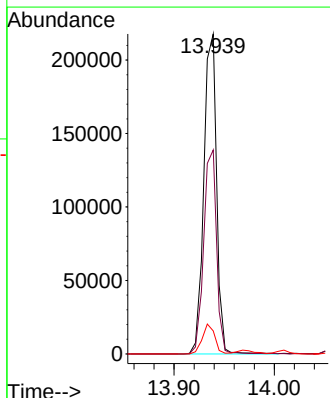
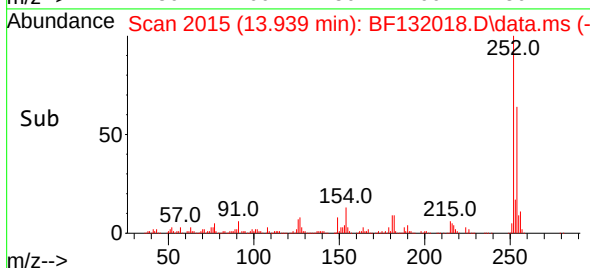
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

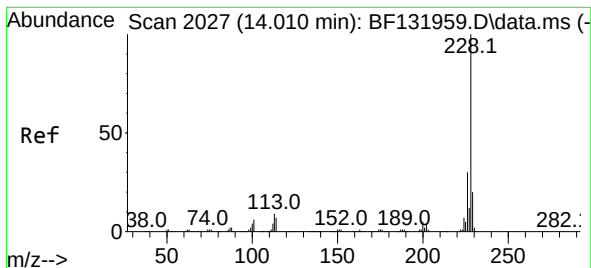


#82
3,3'-Dichlorobenzidine
Concen: 41.239 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion:252 Resp: 192263
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 7.2 6.9 10.3





#83

Chrysene

Concen: 40.351 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

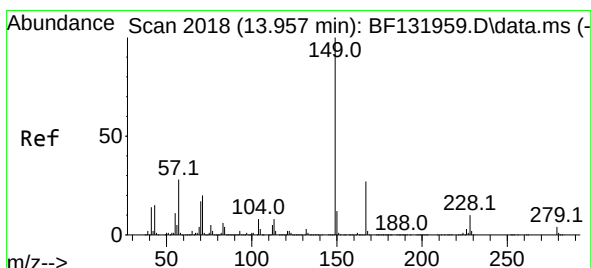
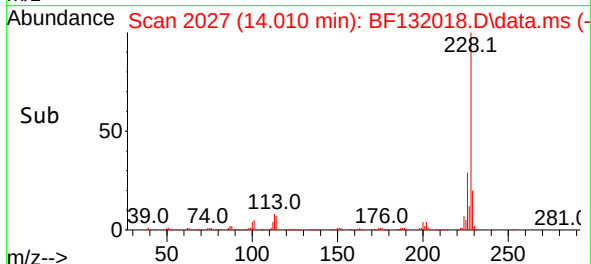
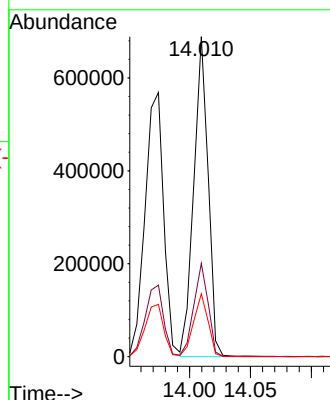
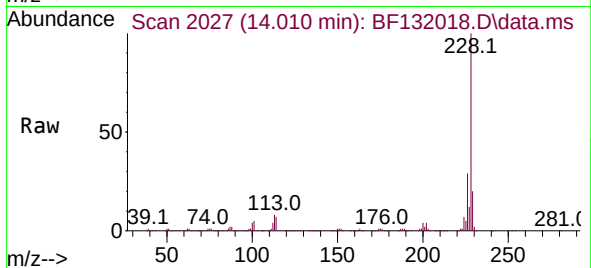
SSTDCCC040

Tgt Ion:	228	Resp:	56332
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.0	36.0
229	19.6	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.695 ng

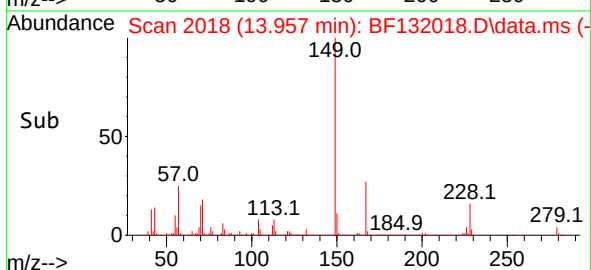
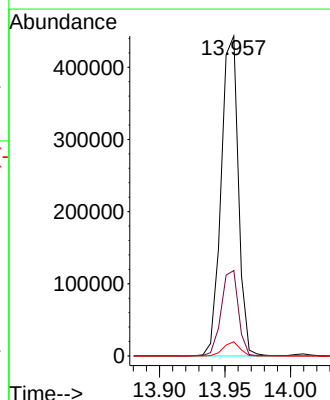
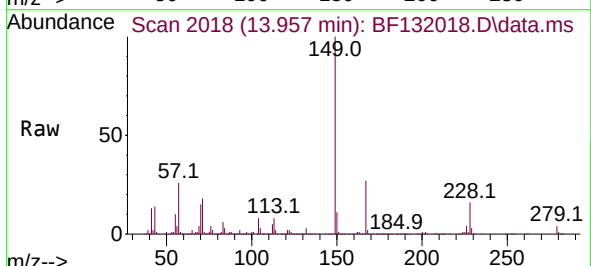
RT: 13.957 min Scan# 2018

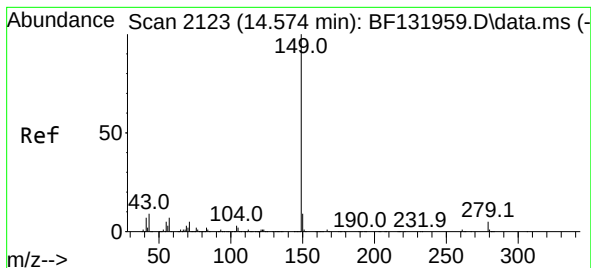
Delta R.T. -0.000 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

Tgt Ion:	149	Resp:	406511
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	4.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 36.978 ng

RT: 14.568 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 518204

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

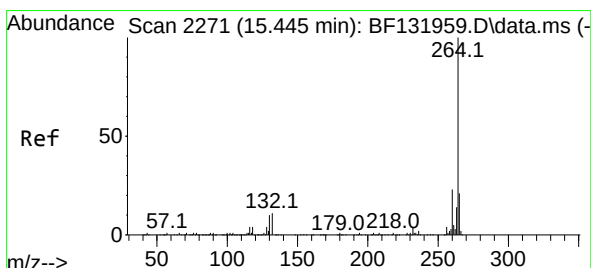
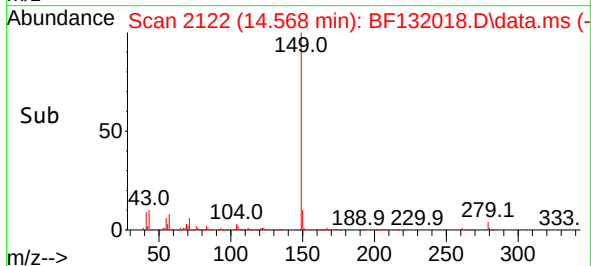
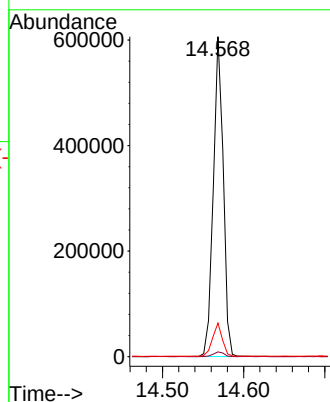
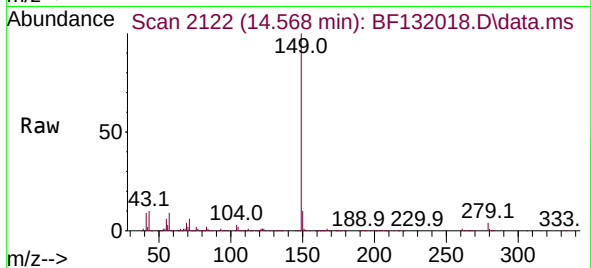
43 10.1 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BF132018.D

Acq: 11 Jan 2023 10:46

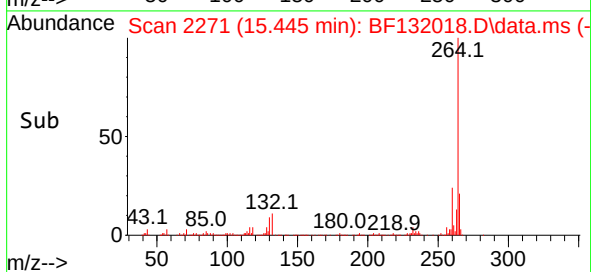
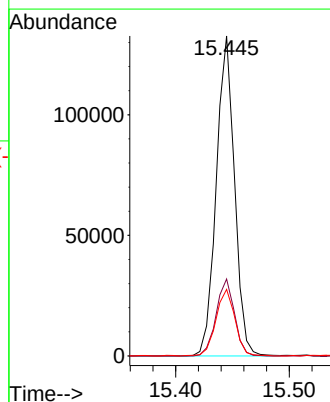
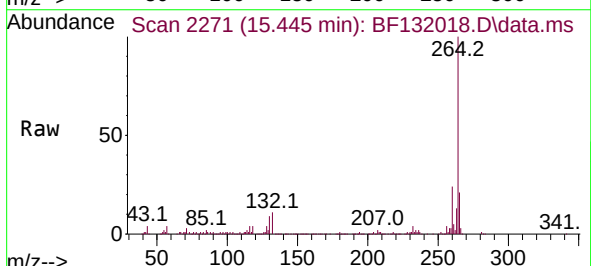
Tgt Ion:264 Resp: 147998

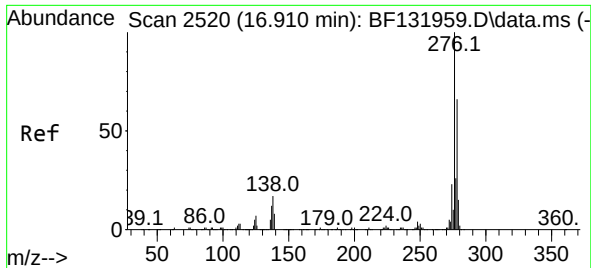
Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 20.8 16.9 25.3





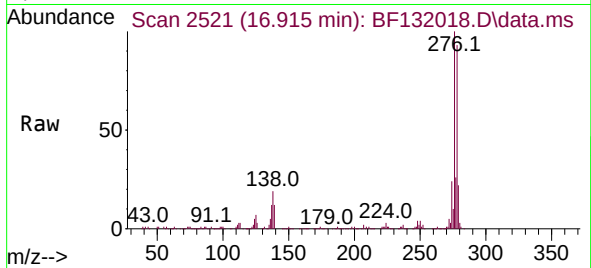
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.989 ng
RT: 16.915 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

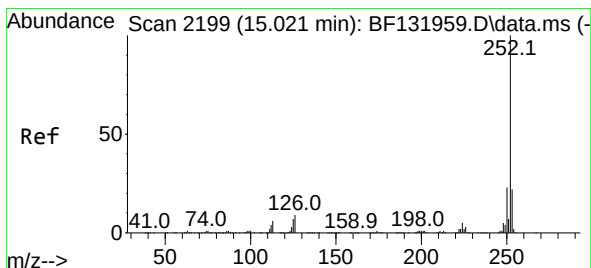
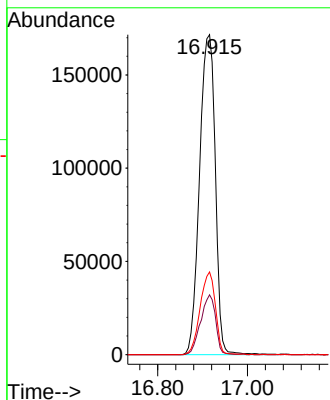
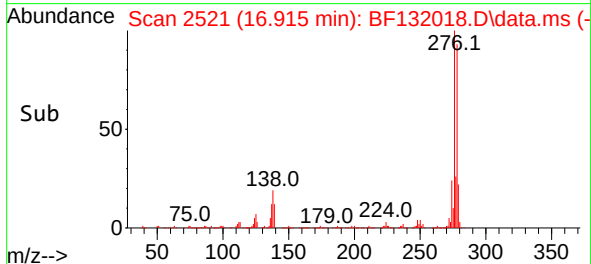


Tgt Ion:276 Resp: 417432
Ion Ratio Lower Upper
276 100
138 17.7 14.2 21.2
277 25.1 20.2 30.4

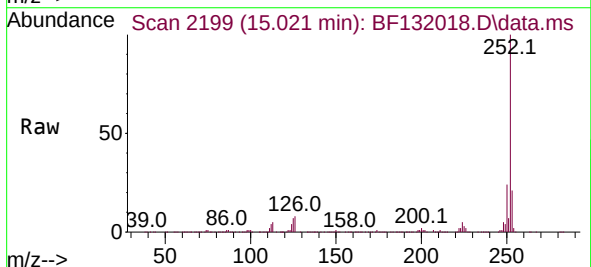
Manual Integrations

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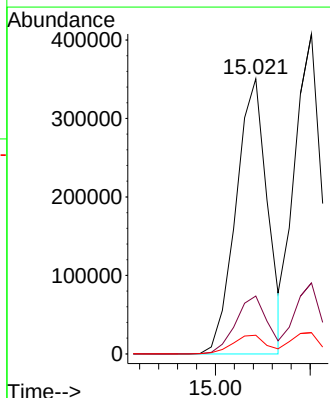
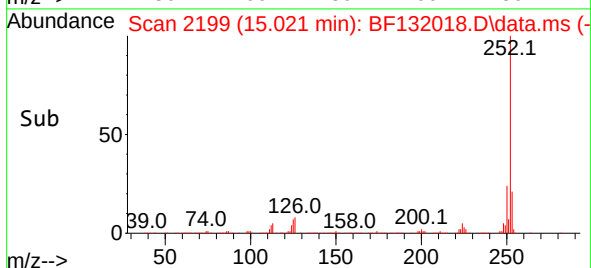
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

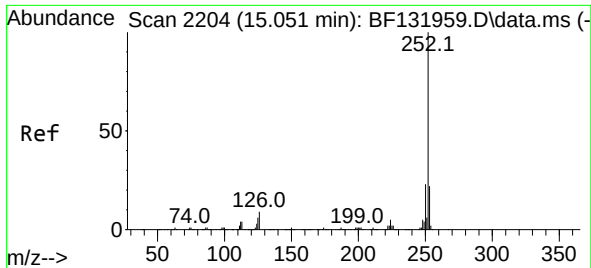


#88
Benzo(b)fluoranthene
Concen: 39.918 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



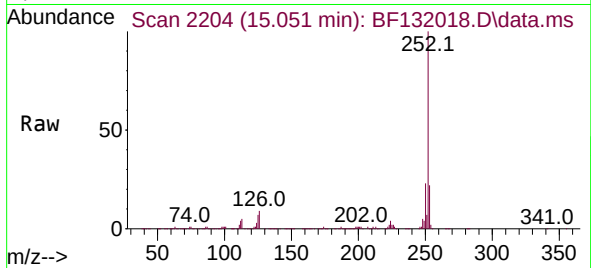
Tgt Ion:252 Resp: 405199
Ion Ratio Lower Upper
252 100
253 21.0 18.0 27.0
125 6.8 5.8 8.6





#89
Benzo(k)fluoranthene
Concen: 39.222 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

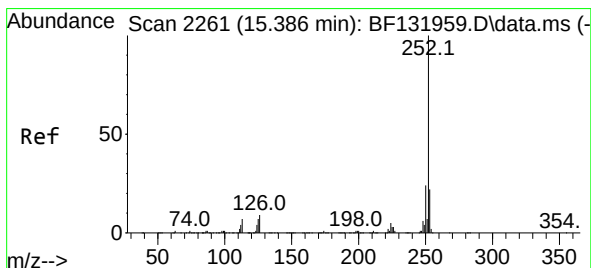
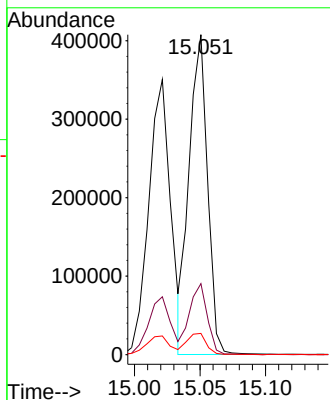
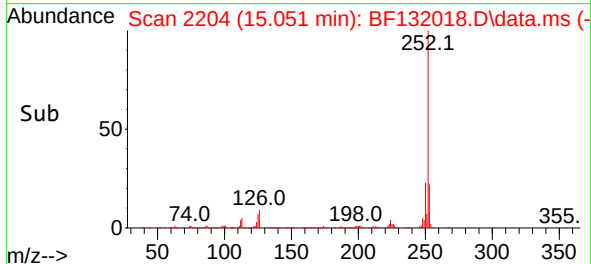
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 397346
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 6.6 5.2 7.8

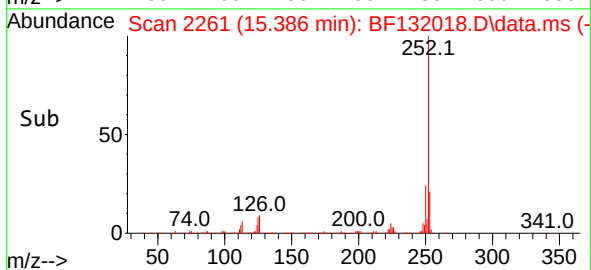
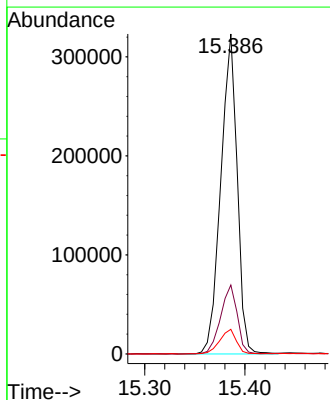
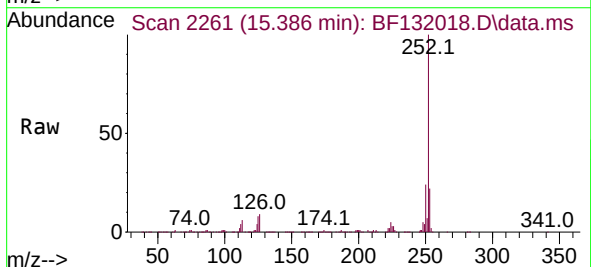
Manual Integrations
APPROVED

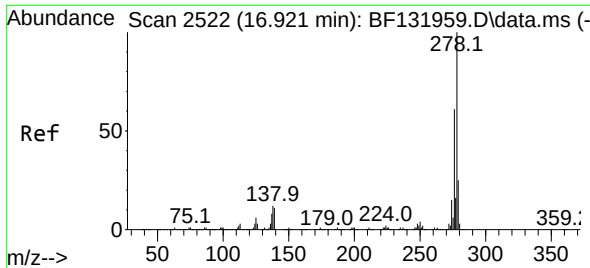
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#90
Benzo(a)pyrene
Concen: 40.277 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Tgt Ion:252 Resp: 368371
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 7.7 5.7 8.5





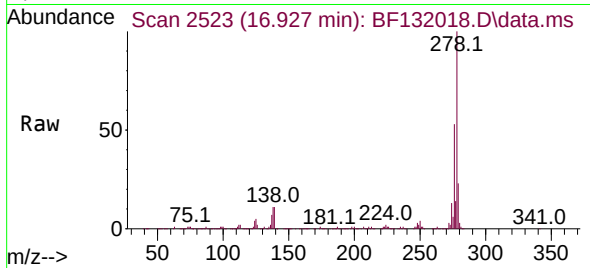
#91
Dibenzo(a,h)anthracene
Concen: 45.969 ng
RT: 16.927 min Scan# 2522
Delta R.T. 0.006 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

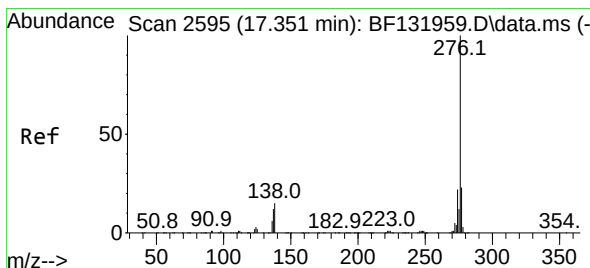
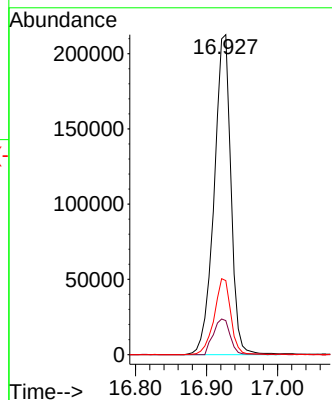
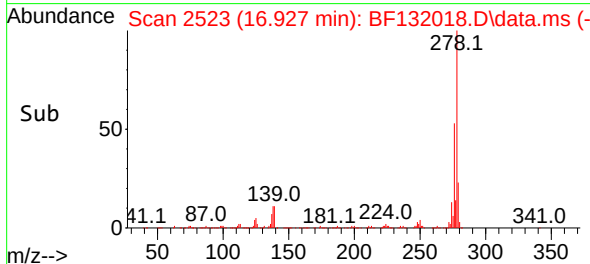


Tgt Ion:278 Resp: 349769
Ion Ratio Lower Upper
278 100
139 10.6 8.8 13.2
279 23.1 19.8 29.6

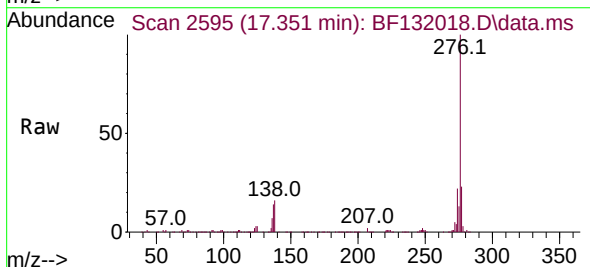
Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#92
Benzo(g,h,i)perylene
Concen: 42.678 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.000 min
Lab File: BF132018.D
Acq: 11 Jan 2023 10:46



Tgt Ion:276 Resp: 344274
Ion Ratio Lower Upper
276 100
277 23.3 18.2 27.2
138 15.7 11.7 17.5

