

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060223\
 Data File : BF133556.D
 Acq On : 02 Jun 2023 11:49
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 02 12:51:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	127595	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	469784	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	233153	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	446392	20.000	ng	0.00
76) Chrysene-d12	14.004	240	257776	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	288441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	618751	80.909	ng	0.00
7) Phenol-d6	6.457	99	746766	79.324	ng	0.00
23) Nitrobenzene-d5	7.398	82	682636	97.020	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	207254	89.176	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1209672	80.079	ng	0.00
79) Terphenyl-d14	12.951	244	1275376	87.968	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	140815	40.771	ng	98
3) Pyridine	3.269	79	393241	40.607	ng	97
4) n-Nitrosodimethylamine	3.228	42	202769	38.393	ng	98
6) Aniline	6.498	93	503508	39.391	ng	97
8) 2-Chlorophenol	6.616	128	314420	41.726	ng	96
9) Benzaldehyde	6.381	77	178690	37.736	ng	100
10) Phenol	6.469	94	382059	40.455	ng	97
11) bis(2-Chloroethyl)ether	6.569	93	304482	38.995	ng	99
12) 1,3-Dichlorobenzene	6.775	146	331484	39.624	ng	98
13) 1,4-Dichlorobenzene	6.851	146	334370	39.867	ng	97
14) 1,2-Dichlorobenzene	7.004	146	310620	40.134	ng	97
15) Benzyl Alcohol	6.975	79	286322	40.061	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	566569	38.258	ng	99
17) 2-Methylphenol	7.081	107	280438	39.300	ng	99
18) Hexachloroethane	7.345	117	119858	41.329	ng	95
19) n-Nitroso-di-n-propyla...	7.245	70	228682	37.544	ng	100
20) 3+4-Methylphenols	7.234	107	343398	42.565	ng	# 88
22) Acetophenone	7.245	105	418694	38.701	ng	# 90
24) Nitrobenzene	7.416	77	349415	46.608	ng	100
25) Isophorone	7.657	82	625899	38.169	ng	97
26) 2-Nitrophenol	7.734	139	159546	46.596	ng	94
27) 2,4-Dimethylphenol	7.763	122	275139	39.435	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	365644	38.454	ng	98
29) 2,4-Dichlorophenol	7.969	162	261660	41.684	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	266060	39.186	ng	99
31) Naphthalene	8.139	128	898534	39.451	ng	99
32) Benzoic acid	7.863	122	123189	30.050	ng	98
33) 4-Chloroaniline	8.186	127	390034	39.956	ng	97
34) Hexachlorobutadiene	8.257	225	159756	38.681	ng	98
35) Caprolactam	8.557	113	89754	43.598	ng	94
36) 4-Chloro-3-methylphenol	8.663	107	289990	41.241	ng	97
37) 2-Methylnaphthalene	8.828	142	622265	40.016	ng	97
38) 1-Methylnaphthalene	8.928	142	576713	39.785	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	267352	38.689	ng	99
41) Hexachlorocyclopentadiene	8.981	237	131795	37.217	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	182974	41.380	ng	99

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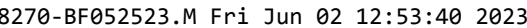
Instrument :
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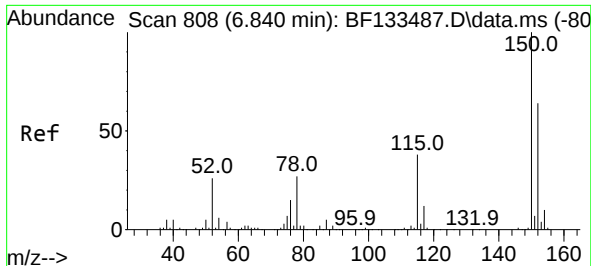
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	215416	41.972	ng	98
46) 1,1'-Biphenyl	9.292	154	743242	39.236	ng	97
47) 2-Chloronaphthalene	9.322	162	529909	38.600	ng	99
48) 2-Nitroaniline	9.416	65	194675	44.486	ng	91
49) Acenaphthylene	9.733	152	926122	39.531	ng	99
50) Dimethylphthalate	9.598	163	650572	39.701	ng	100
51) 2,6-Dinitrotoluene	9.657	165	143481	46.201	ng	91
52) Acenaphthene	9.910	154	559900	39.453	ng	99
53) 3-Nitroaniline	9.828	138	175829	45.213	ng #	90
54) 2,4-Dinitrophenol	9.928	184	50613	41.850	ng #	86
55) Dibenzofuran	10.080	168	833350	39.470	ng	98
56) 4-Nitrophenol	9.975	139	129142	46.063	ng	95
57) 2,4-Dinitrotoluene	10.057	165	183599	47.530	ng	89
58) Fluorene	10.422	166	605345	39.133	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	166148	42.984	ng	99
60) Diethylphthalate	10.298	149	679377	39.937	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	289594	38.989	ng	97
62) 4-Nitroaniline	10.439	138	168886	43.225	ng	98
63) Azobenzene	10.575	77	661260	38.833	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	76601	43.058	ng	86
66) n-Nitrosodiphenylamine	10.533	169	567204	39.139	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	187638	39.580	ng	99
68) Hexachlorobenzene	10.969	284	196862	39.710	ng	95
69) Atrazine	11.063	200	165021	41.501	ng	96
70) Pentachlorophenol	11.157	266	127389	42.975	ng	99
71) Phenanthrene	11.386	178	898779	39.752	ng	100
72) Anthracene	11.439	178	932220	40.062	ng	99
73) Carbazole	11.592	167	880975	40.033	ng	98
74) Di-n-butylphthalate	11.927	149	1054272	40.515	ng	100
75) Fluoranthene	12.574	202	959629	38.425	ng	98
77) Benzidine	12.692	184	244312	32.405	ng	98
78) Pyrene	12.804	202	960586	43.791	ng	98
80) Butylbenzylphthalate	13.427	149	407047	46.900	ng	96
81) Benzo(a)anthracene	13.992	228	690194	40.193	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	220521	41.080	ng	98
83) Chrysene	14.027	228	692423	39.942	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	499330	46.028	ng	98
85) Di-n-octyl phthalate	14.604	149	809433	44.790	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	844532	45.965	ng	99
88) Benzo(b)fluoranthene	15.033	252	713981	38.013	ng	99
89) Benzo(k)fluoranthene	15.062	252	641352	35.019	ng	99
90) Benzo(a)pyrene	15.398	252	678401	39.694	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	702608	47.166	ng	99
92) Benzo(g,h,i)perylene	17.356	276	681057	45.341	ng	99

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

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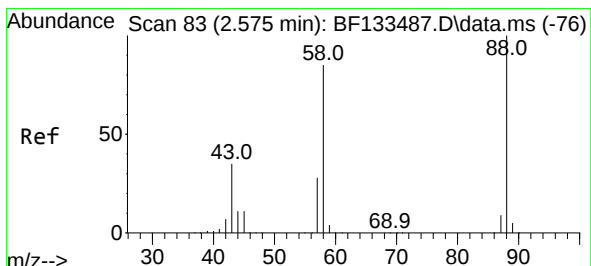
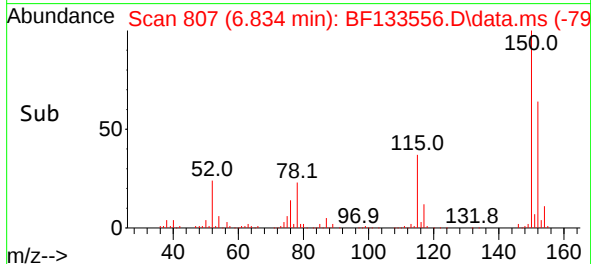
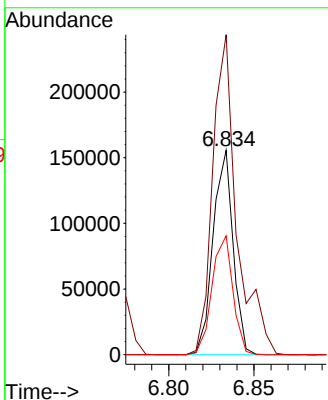
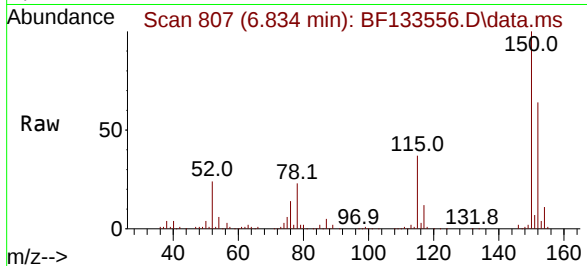




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133556.D
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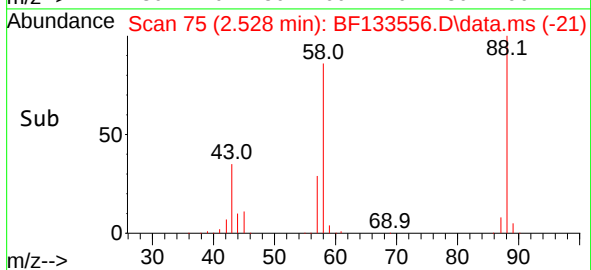
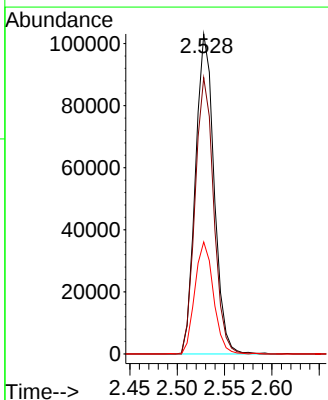
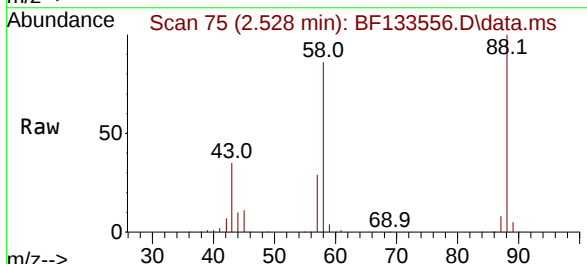
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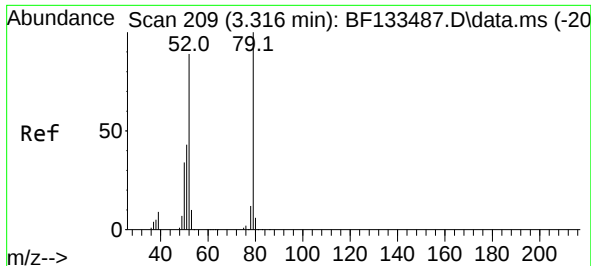
Tgt Ion:152 Resp: 127595
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.9 187.3
 115 58.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: 40.771 ng
 RT: 2.528 min Scan# 75
 Delta R.T. -0.030 min
 Lab File: BF133556.D
 Acq: 02 Jun 2023 11:49

Tgt Ion: 88 Resp: 140815
 Ion Ratio Lower Upper
 88 100
 58 86.3 67.7 101.5
 43 34.9 28.2 42.4

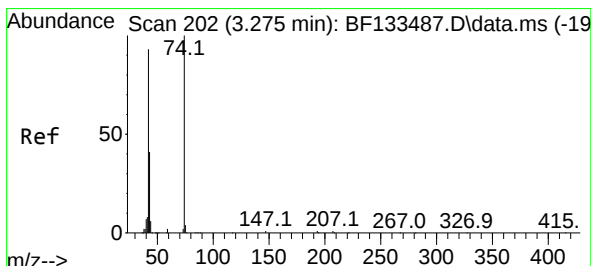
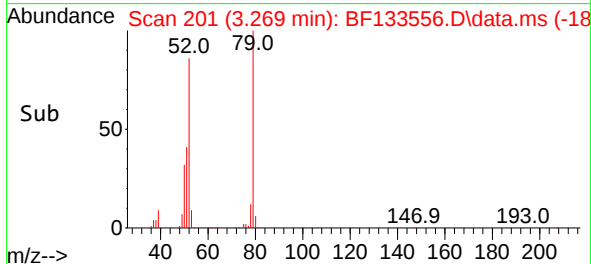
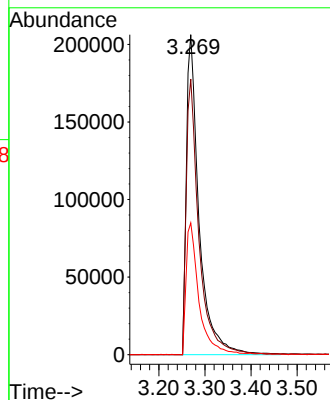
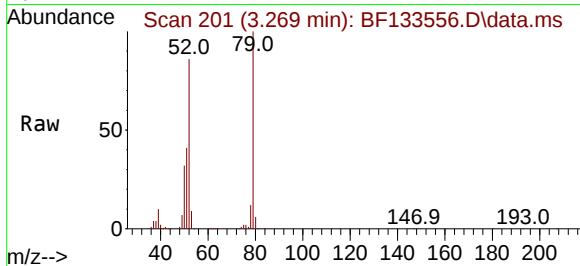




#3
Pyridine
Concen: 40.607 ng
RT: 3.269 min Scan# 209
Delta R.T. -0.030 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

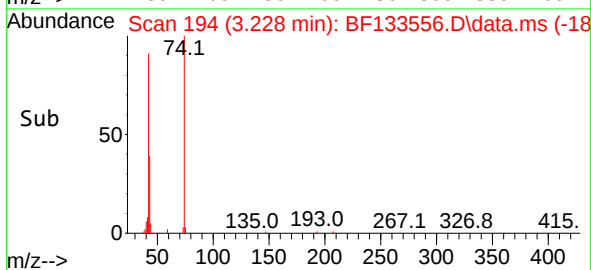
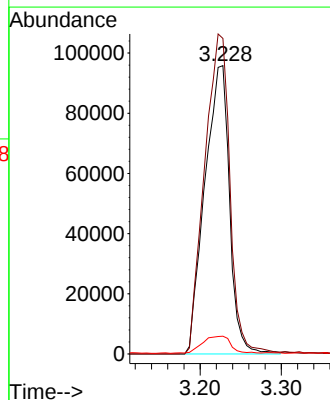
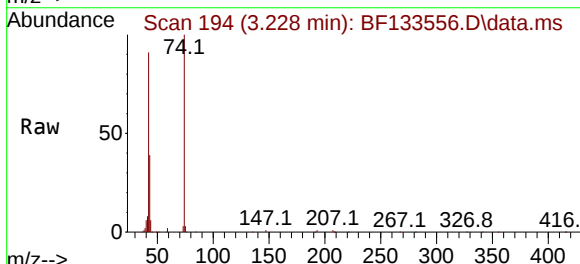
Instrument :
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ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 393241
Ion Ratio Lower Upper
79 100
52 86.2 71.3 106.9
51 41.2 34.4 51.6



#4
n-Nitrosodimethylamine
Concen: 38.393 ng
RT: 3.228 min Scan# 194
Delta R.T. -0.030 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion: 42 Resp: 202769
Ion Ratio Lower Upper
42 100
74 109.4 85.7 128.5
44 6.2 5.6 8.4

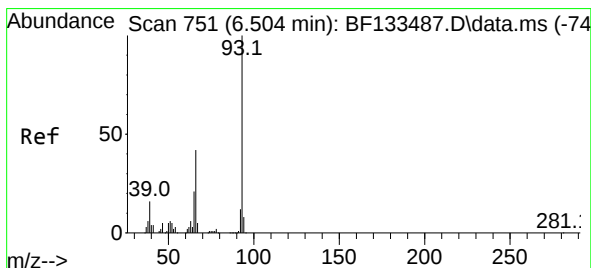
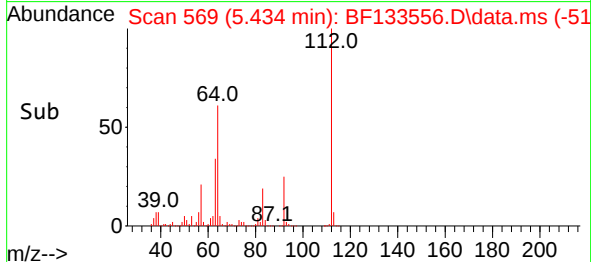
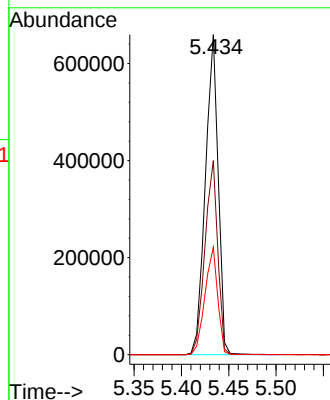
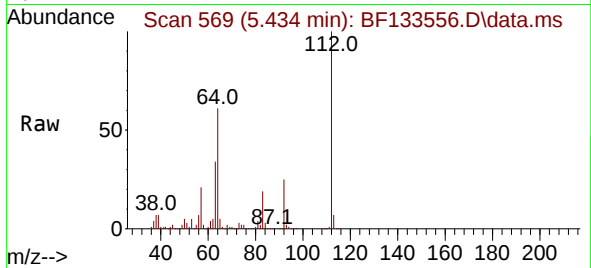




#5
2-Fluorophenol
Concen: 80.909 ng
RT: 5.434 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

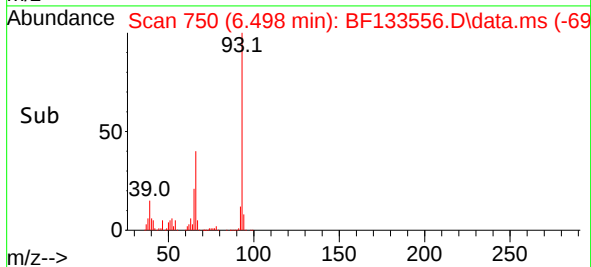
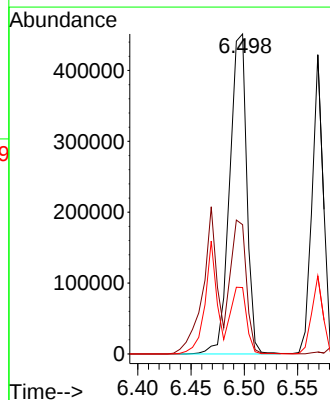
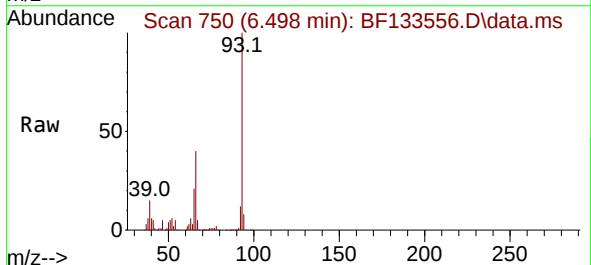
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ClientSampleId :
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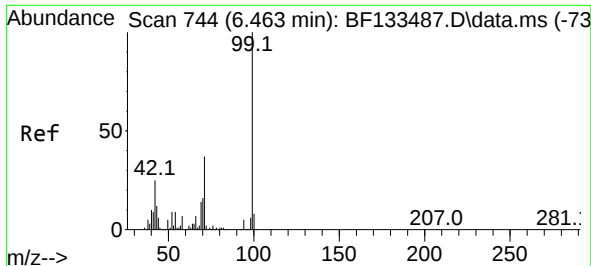
Tgt Ion:112 Resp: 618751
Ion Ratio Lower Upper
112 100
64 60.6 50.1 75.1
63 33.6 27.5 41.3



#6
Aniline
Concen: 39.391 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion: 93 Resp: 503508
Ion Ratio Lower Upper
93 100
66 40.4 33.9 50.9
65 20.7 17.2 25.8

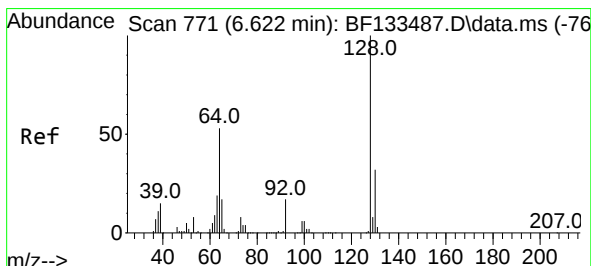
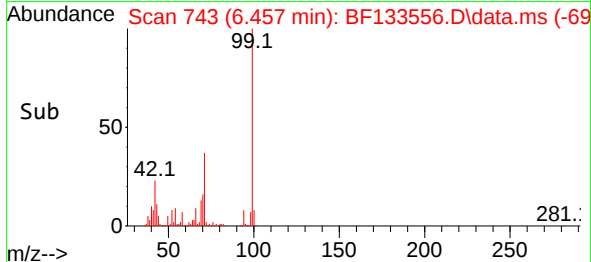
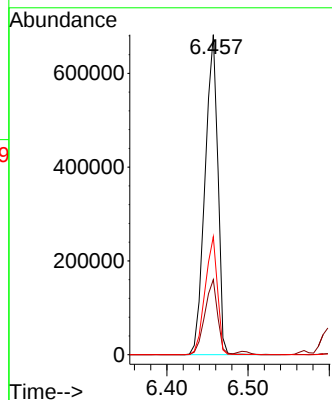
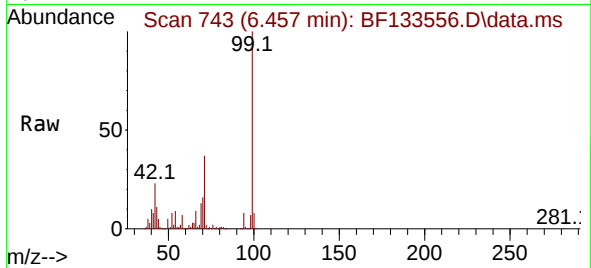




#7
Phenol-d6
Concen: 79.324 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133556.D
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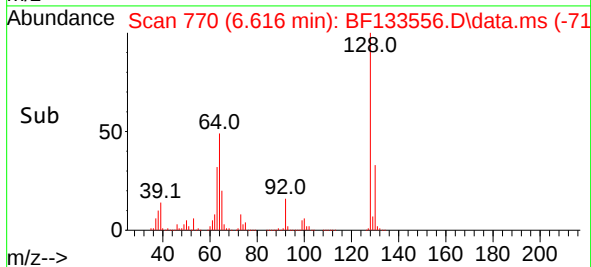
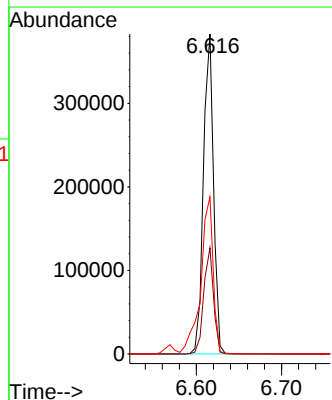
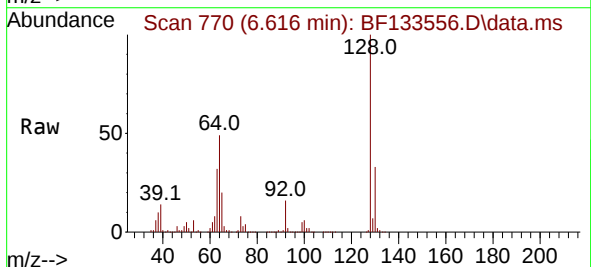
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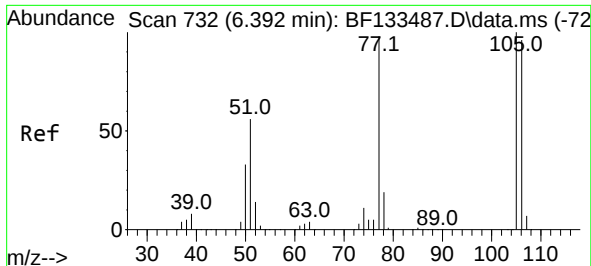
Tgt Ion: 99 Resp: 746766
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 36.9 29.8 44.8



#8
2-Chlorophenol
Concen: 41.726 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion: 128 Resp: 314420
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 49.1 33.3 73.3

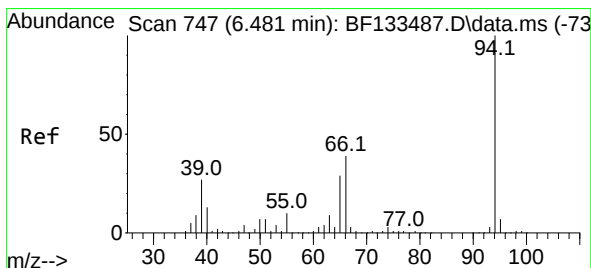
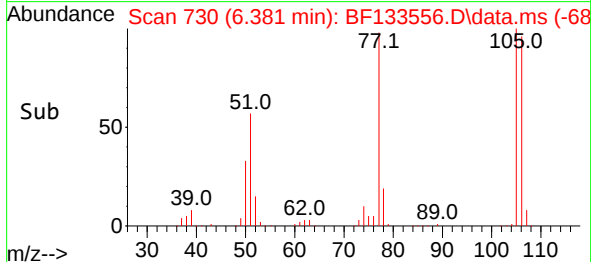
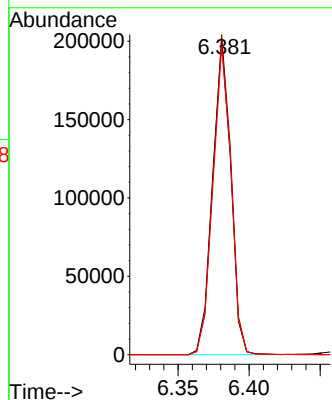
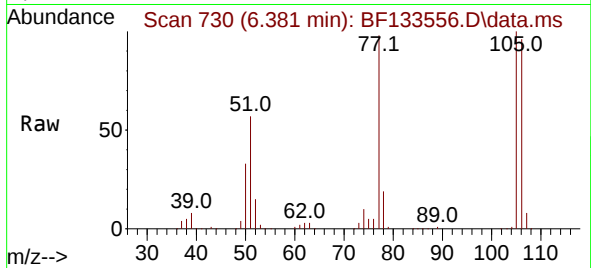




#9
Benzaldehyde
Concen: 37.736 ng
RT: 6.381 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

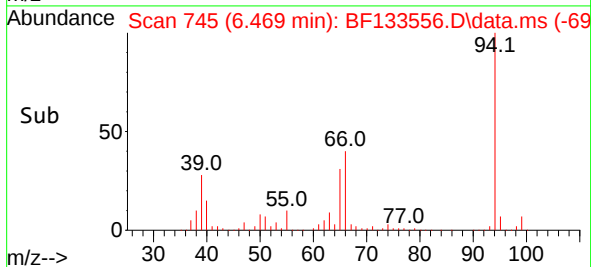
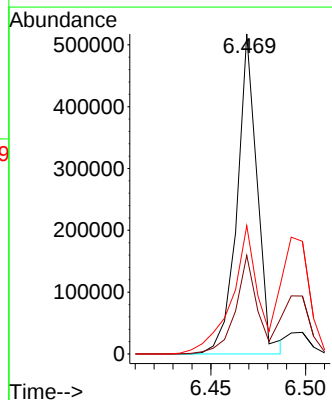
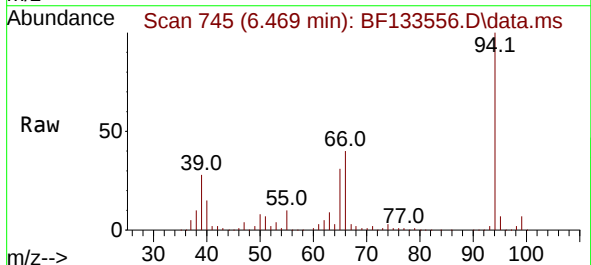
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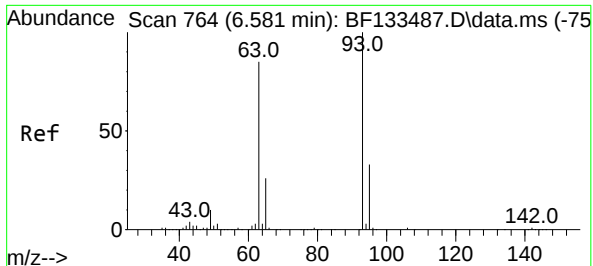
Tgt Ion: 77 Resp: 178690
Ion Ratio Lower Upper
77 100
105 101.6 81.9 121.9
106 97.7 77.8 117.8



#10
Phenol
Concen: 40.455 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 382059
Ion Ratio Lower Upper
94 100
65 30.8 9.1 49.1
66 40.1 18.9 58.9

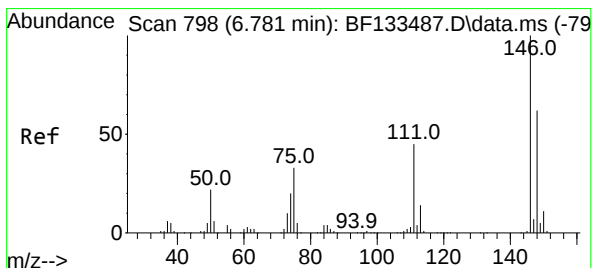
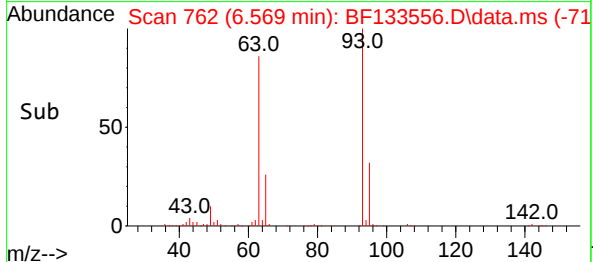
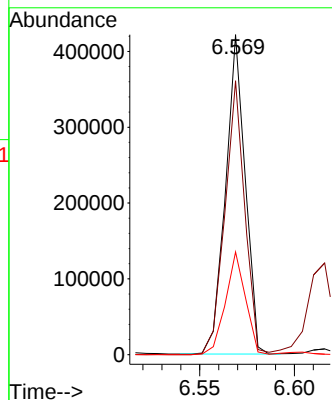
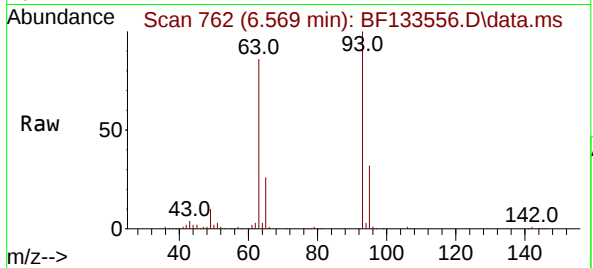




#11
bis(2-Chloroethyl)ether
Concen: 38.995 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

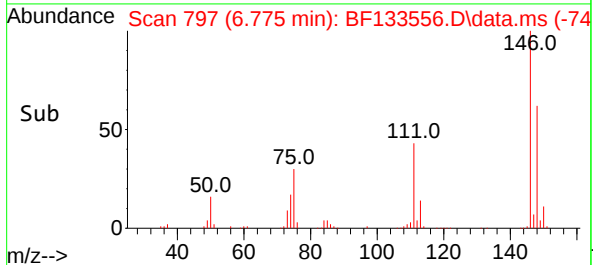
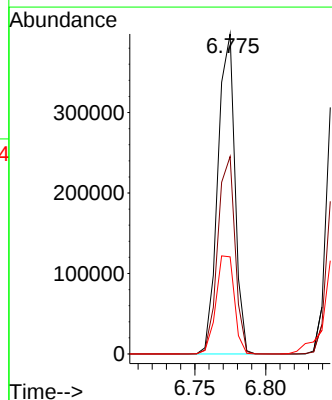
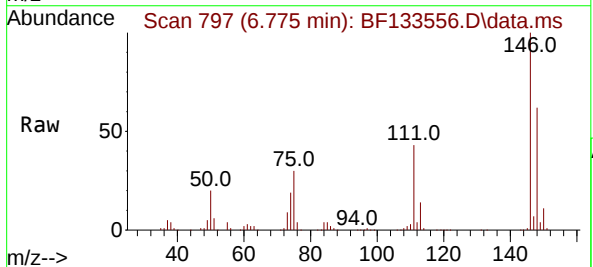
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

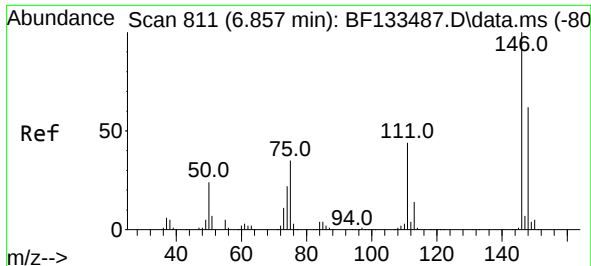
Tgt Ion: 93 Resp: 304482
Ion Ratio Lower Upper
93 100
63 85.6 64.5 104.5
95 32.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.624 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion: 146 Resp: 331484
Ion Ratio Lower Upper
146 100
148 61.7 49.9 74.9
75 30.3 26.7 40.1

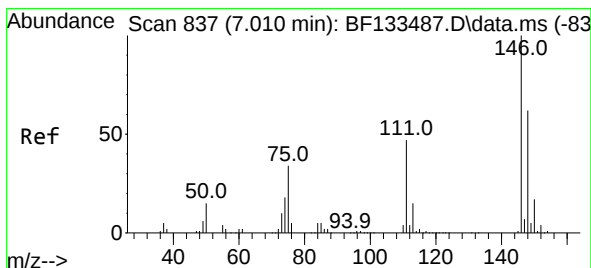
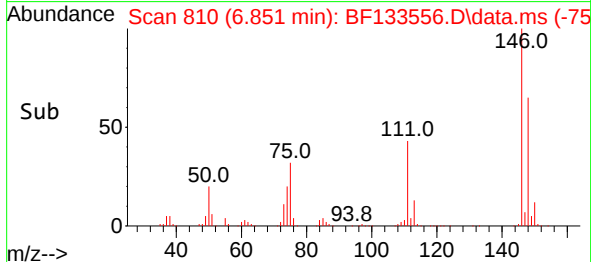
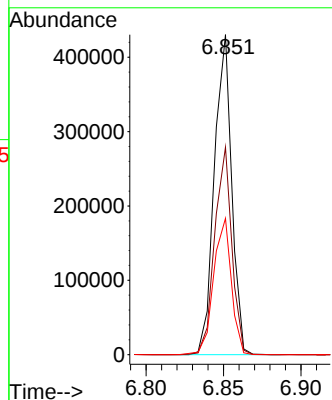
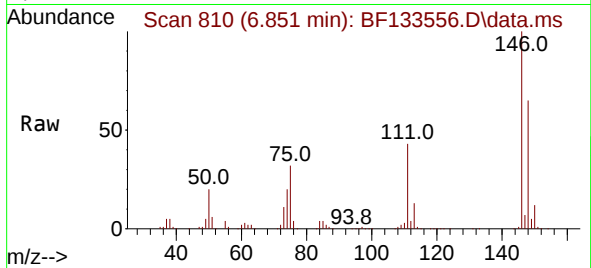




#13
1,4-Dichlorobenzene
Concen: 39.867 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

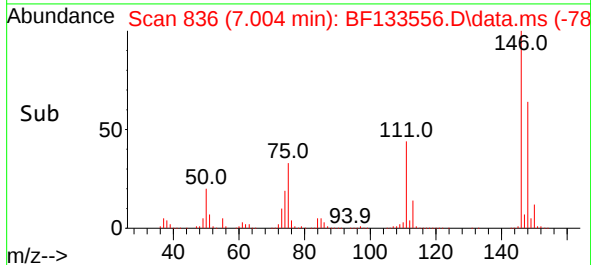
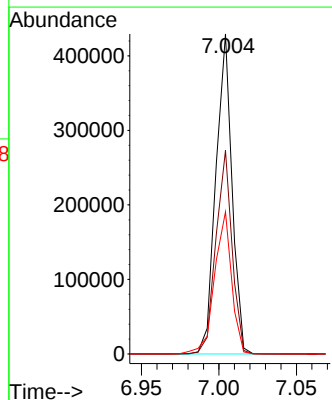
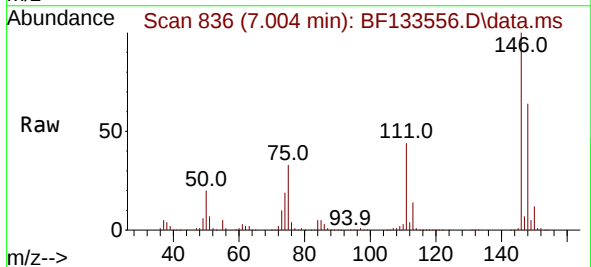
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

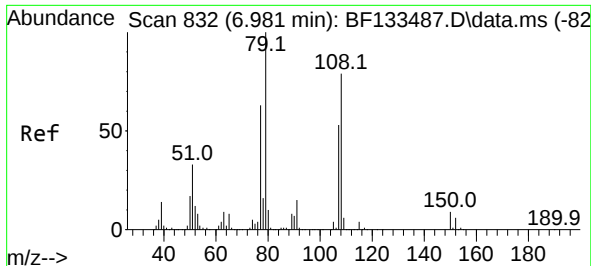
Tgt Ion:146 Resp: 334370
Ion Ratio Lower Upper
146 100
148 64.9 49.8 74.6
111 42.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 40.134 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:146 Resp: 310620
Ion Ratio Lower Upper
146 100
148 63.6 49.8 74.6
111 44.4 37.4 56.2

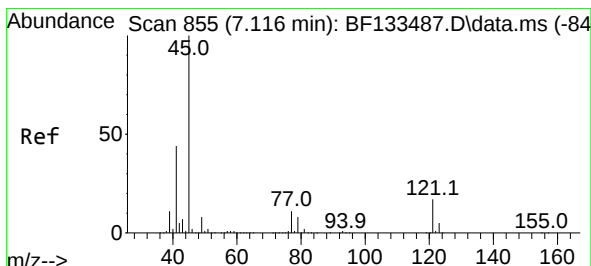
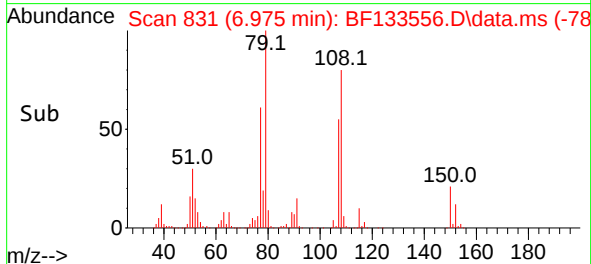
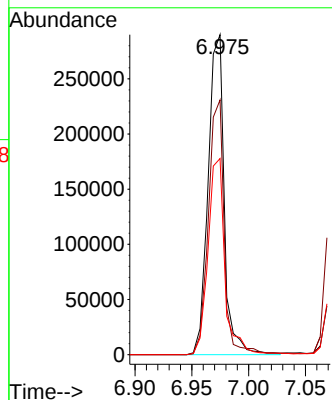
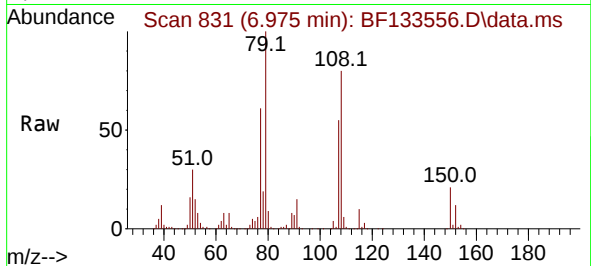




#15
Benzyl Alcohol
Concen: 40.061 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

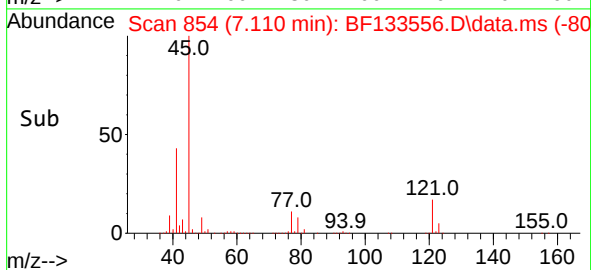
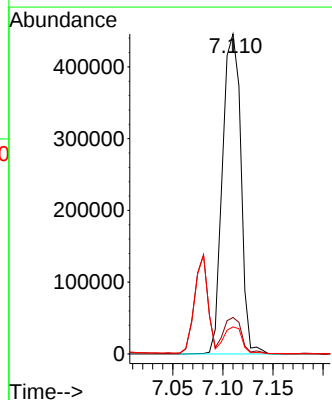
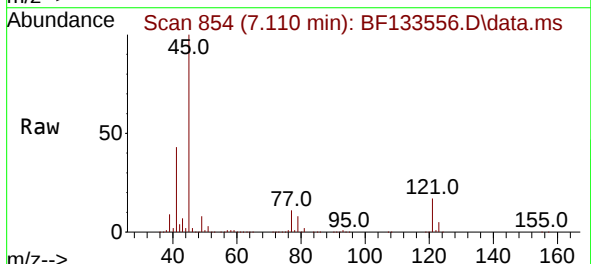
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

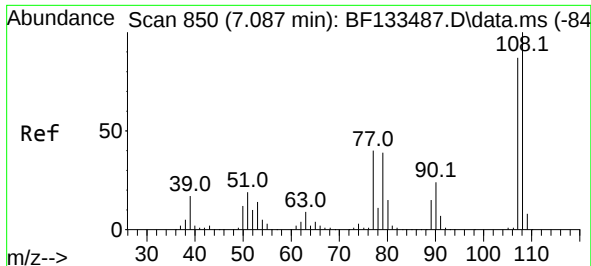
Tgt Ion: 79 Resp: 286322
Ion Ratio Lower Upper
79 100
108 79.6 63.2 94.8
77 61.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.258 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion: 45 Resp: 566569
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.8
79 8.5 0.0 28.2

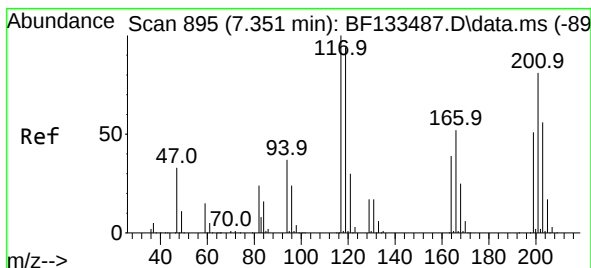
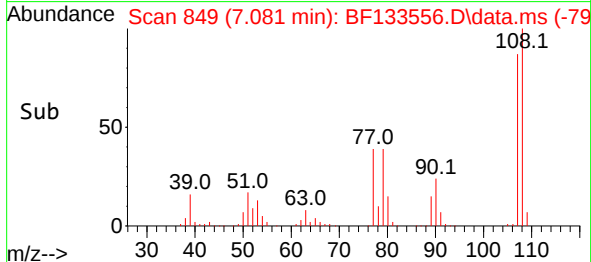
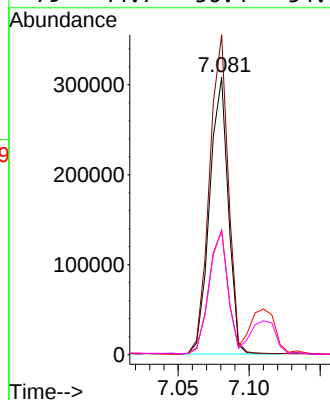
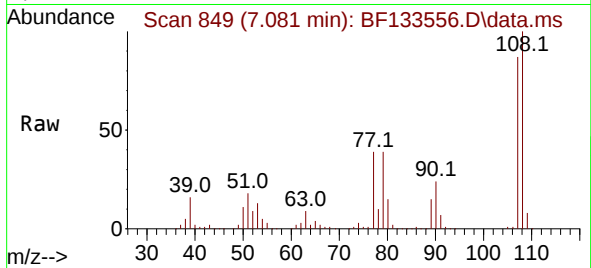




#17
2-Methylphenol
Concen: 39.300 ng
RT: 7.081 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

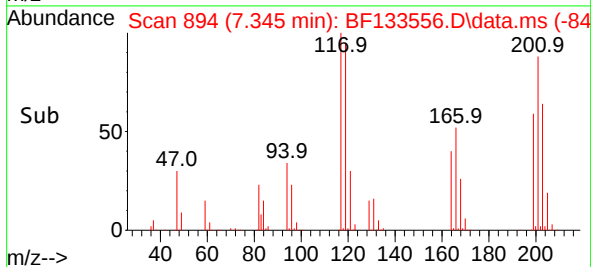
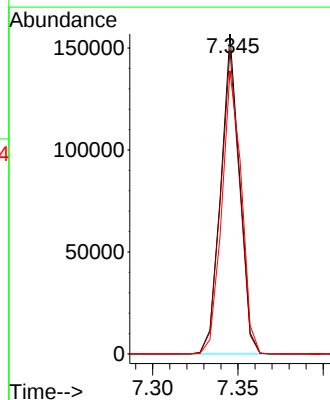
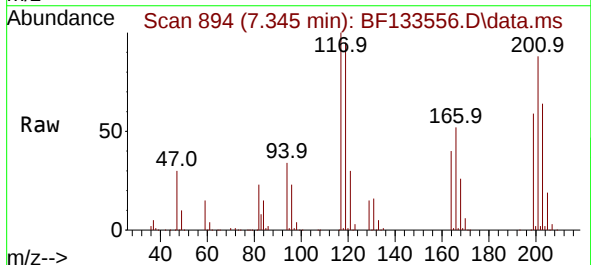
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

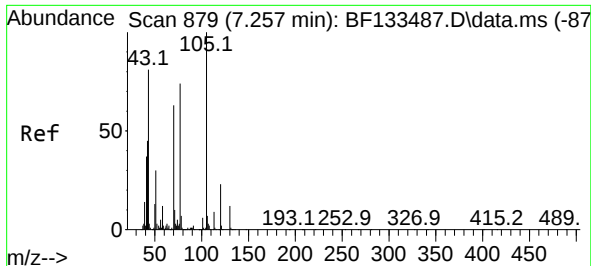
Tgt	Ion:107	Resp:	280438
Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.2	138.4
77	44.9	37.1	55.7
79	44.7	36.4	54.6



#18
Hexachloroethane
Concen: 41.329 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:117	Resp:	119858	
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.9	112.3
201	88.5	64.8	97.2

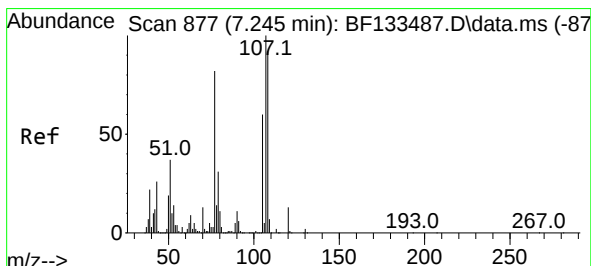
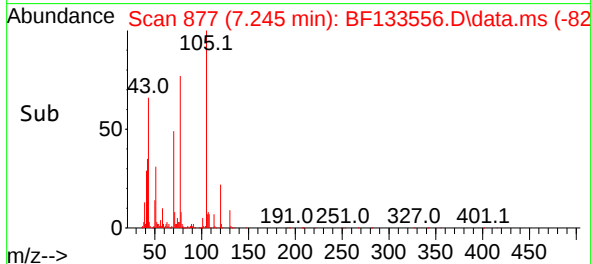
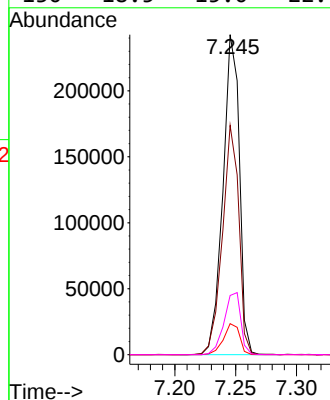
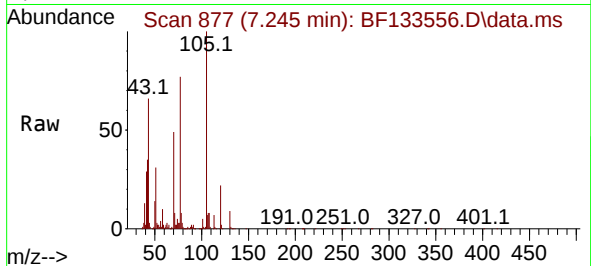




#19
n-Nitroso-di-n-propylamine
Concen: 37.544 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

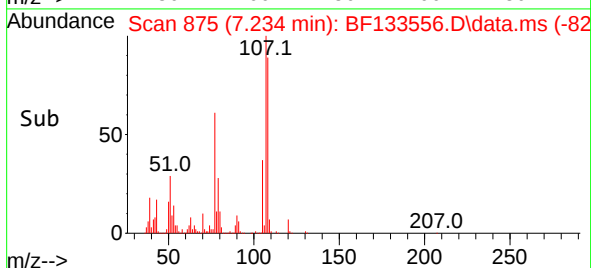
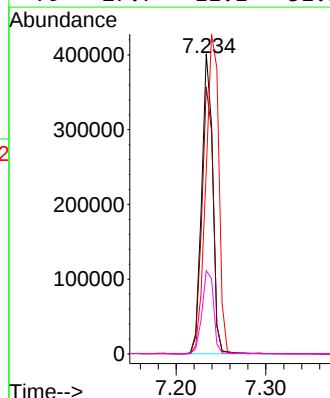
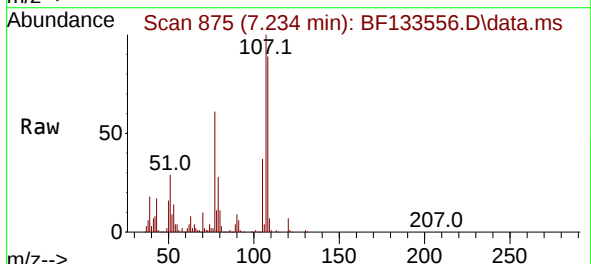
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

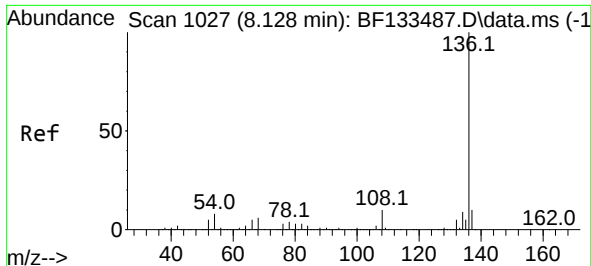
Tgt Ion: 70 Resp: 228682
Ion Ratio Lower Upper
70 100
42 71.6 57.2 85.8
101 9.7 7.3 10.9
130 18.5 15.0 22.4



#20
3+4-Methylphenols
Concen: 42.565 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

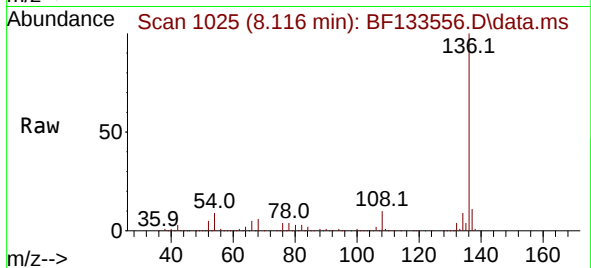
Tgt Ion: 107 Resp: 343398
Ion Ratio Lower Upper
107 100
108 89.0 72.0 112.0
77 61.3 61.9 101.9#
79 27.7 11.1 51.1



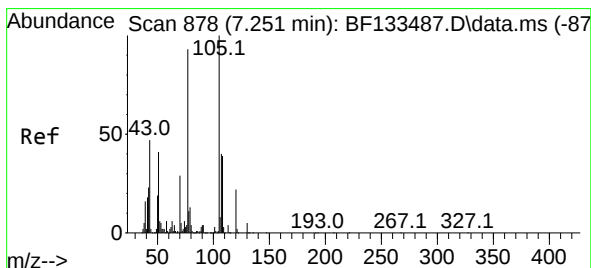
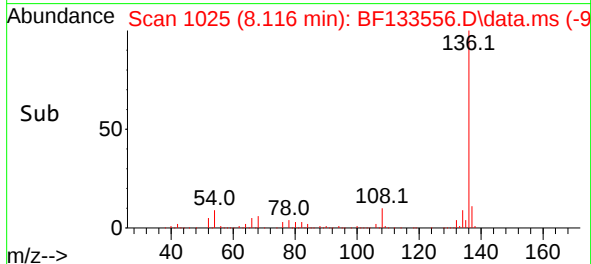
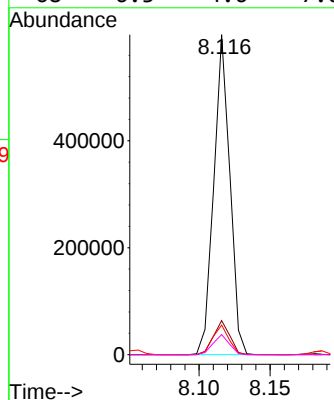


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

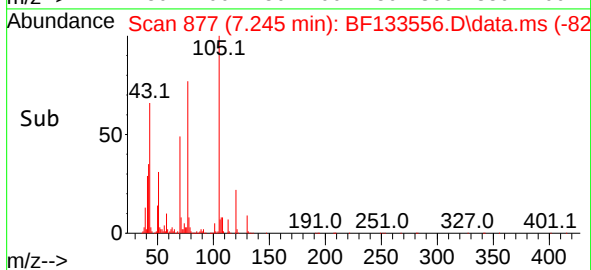
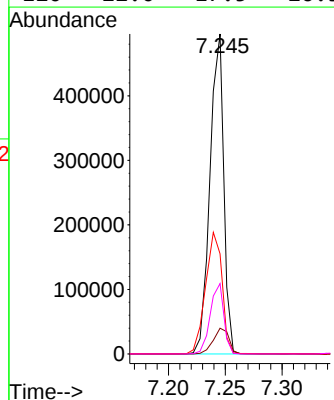
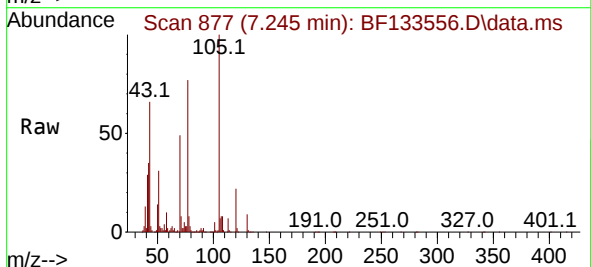


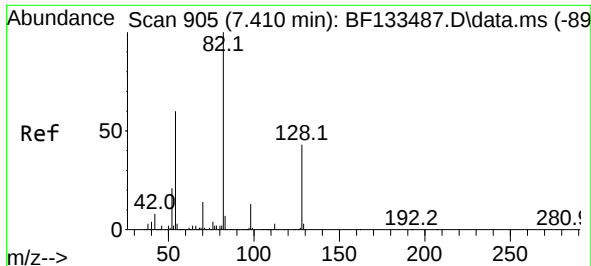
Tgt Ion:	136	Resp:	469784
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.4
54	9.2	6.6	10.0
68	6.3	4.6	7.0



#22
Acetophenone
Concen: 38.701 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:	105	Resp:	418694
Ion Ratio	Lower	Upper	
105	100		
71	8.0	3.8	5.8#
51	31.3	32.6	49.0#
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 97.020 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

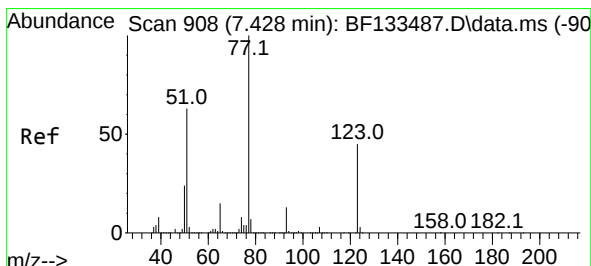
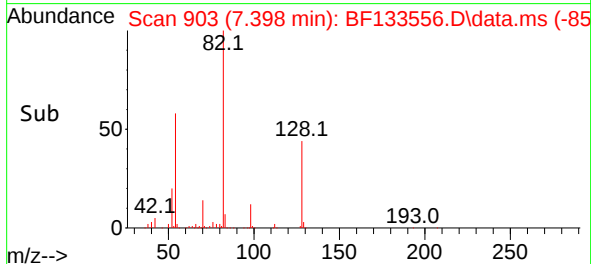
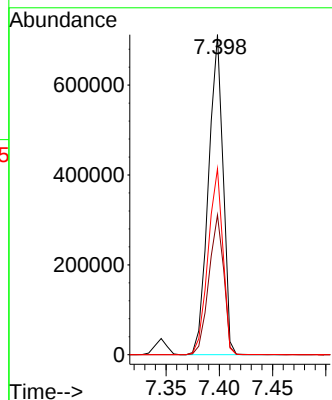
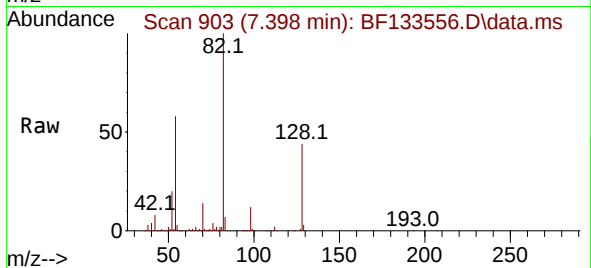
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 682636

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.4
54	58.1	48.2	72.4



#24

Nitrobenzene

Concen: 46.608 ng

RT: 7.416 min Scan# 906

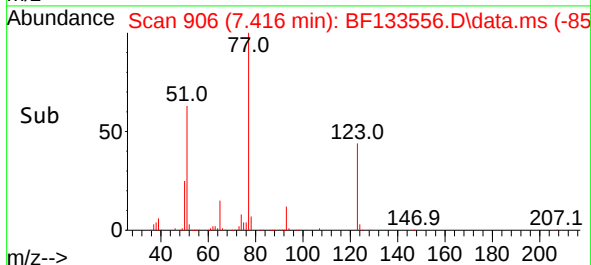
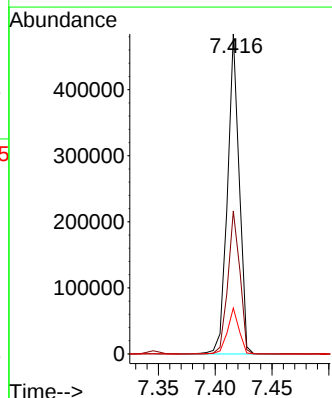
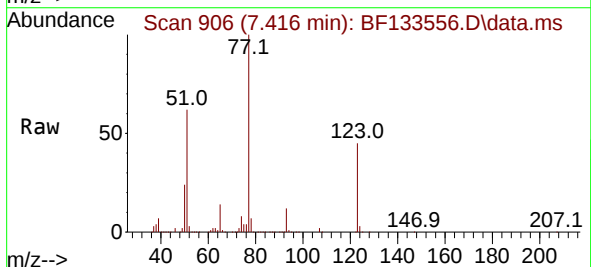
Delta R.T. -0.006 min

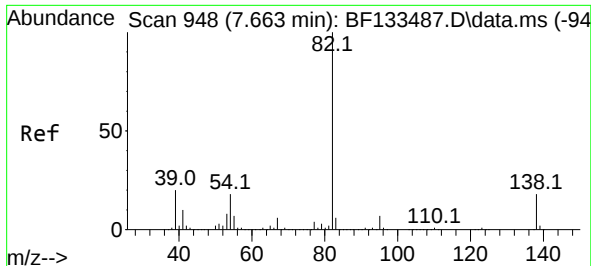
Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Tgt Ion: 77 Resp: 349415

Ion	Ratio	Lower	Upper
77	100		
123	44.7	35.8	53.8
65	14.3	11.8	17.8

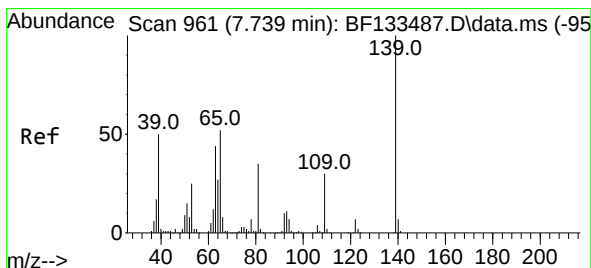
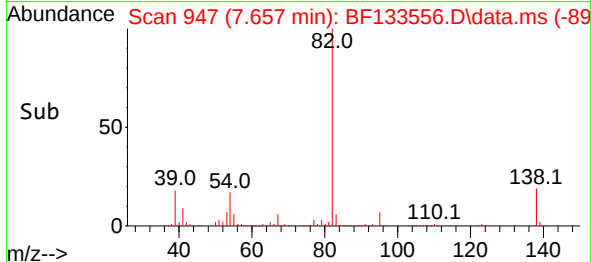
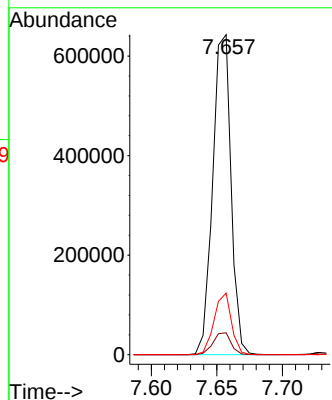
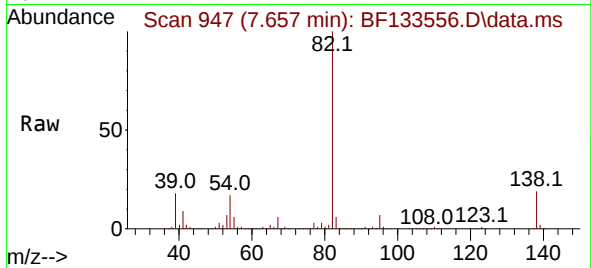




#25
Isophorone
Concen: 38.169 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

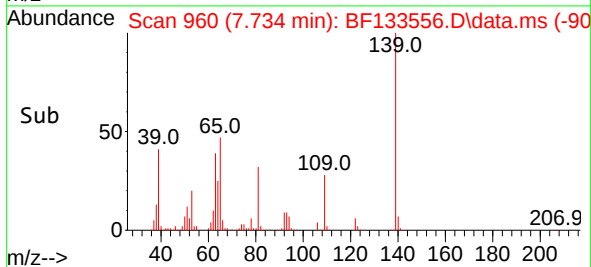
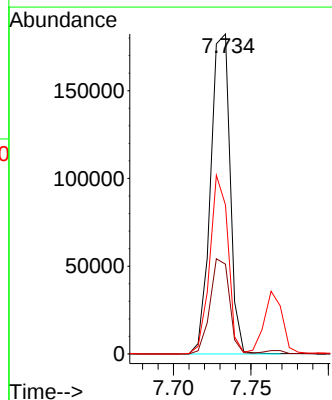
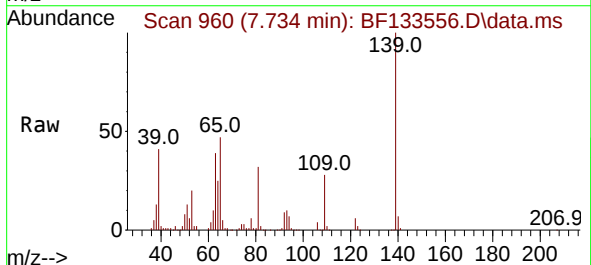
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

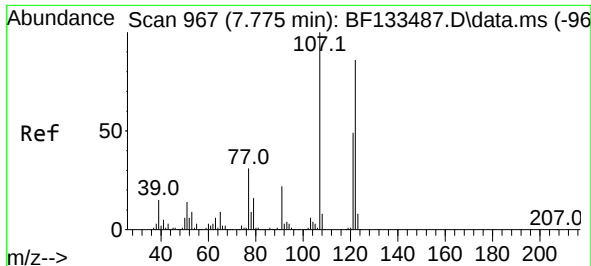
Tgt Ion: 82 Resp: 625899
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.3 14.2 21.4



#26
2-Nitrophenol
Concen: 46.596 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion: 139 Resp: 159546
Ion Ratio Lower Upper
139 100
109 28.1 24.0 36.0
65 46.5 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 39.435 ng

RT: 7.763 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133556.D

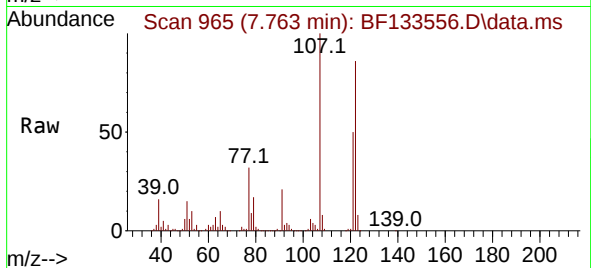
Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



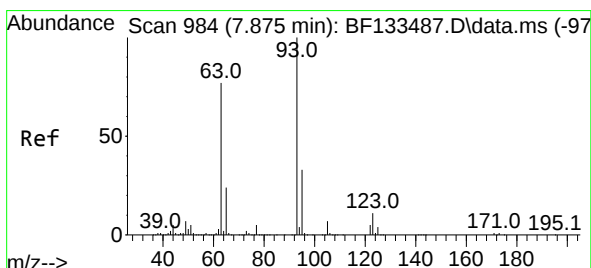
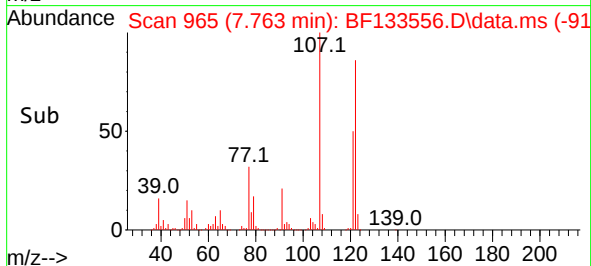
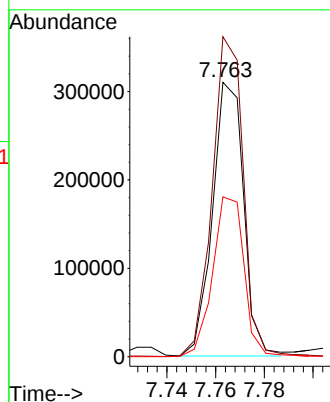
Tgt Ion:122 Resp: 275139

Ion Ratio Lower Upper

122 100

107 116.6 93.4 140.0

121 58.3 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.454 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

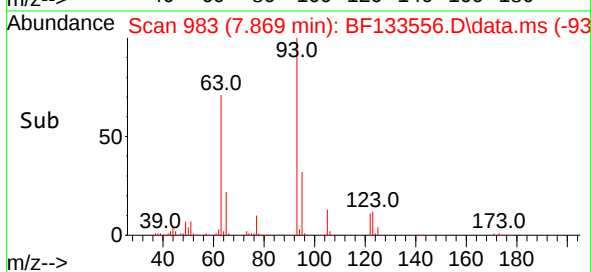
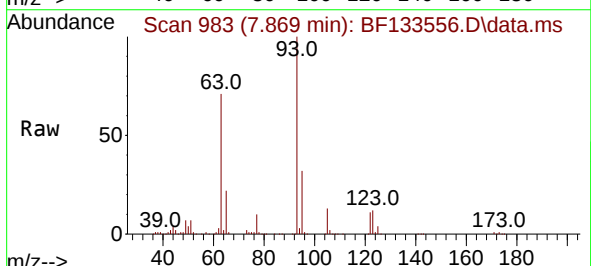
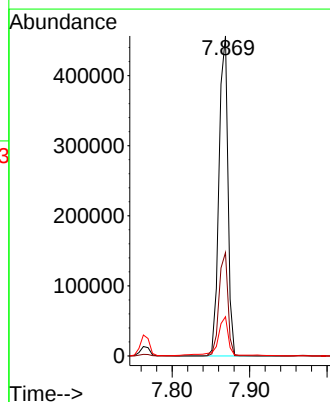
Tgt Ion: 93 Resp: 365644

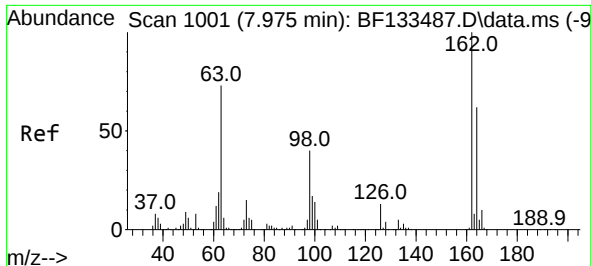
Ion Ratio Lower Upper

93 100

95 32.3 26.8 40.2

123 12.3 9.4 14.0

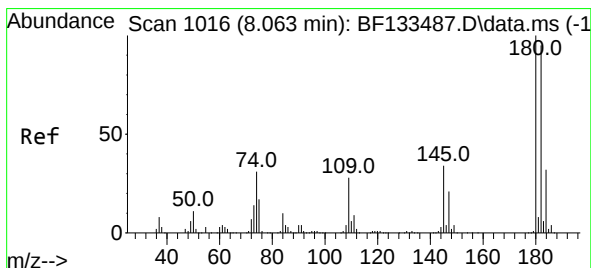
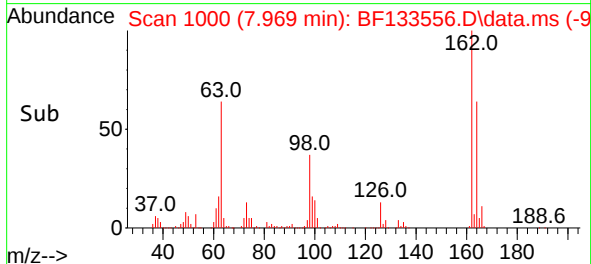
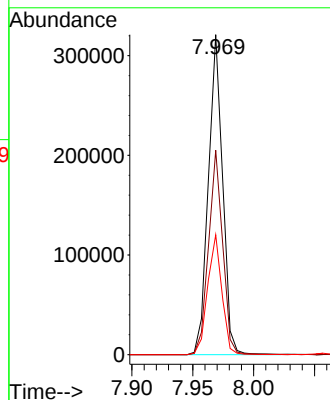
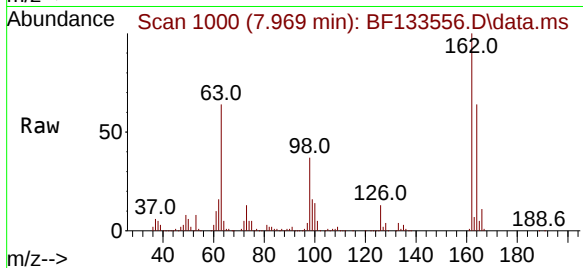




#29
2,4-Dichlorophenol
Concen: 41.684 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

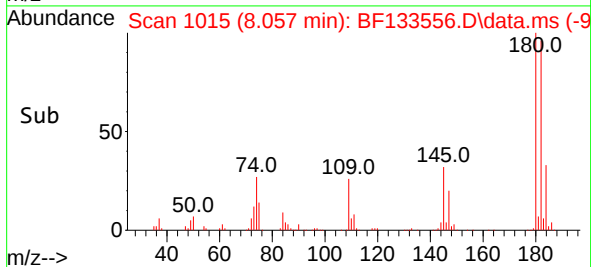
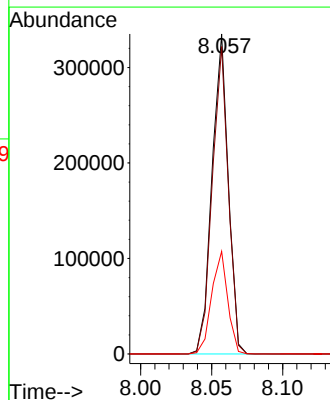
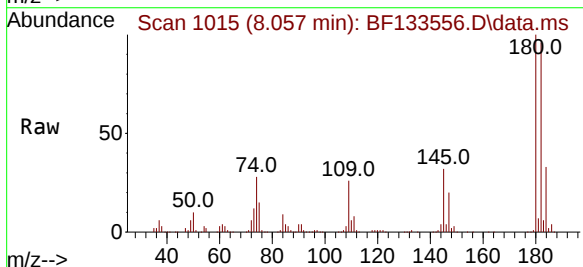
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

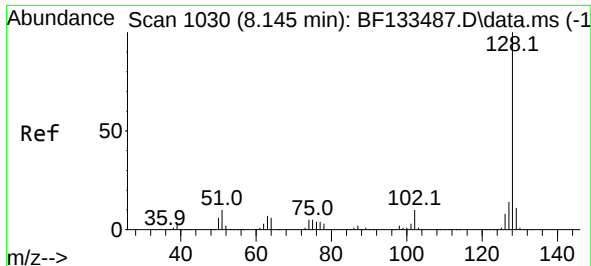
Tgt Ion:162 Resp: 261660
Ion Ratio Lower Upper
162 100
164 63.9 42.2 82.2
98 37.4 19.7 59.7



#30
1,2,4-Trichlorobenzene
Concen: 39.186 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:180 Resp: 266060
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 32.0 27.0 40.4

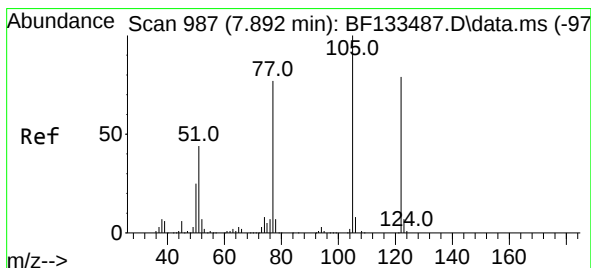
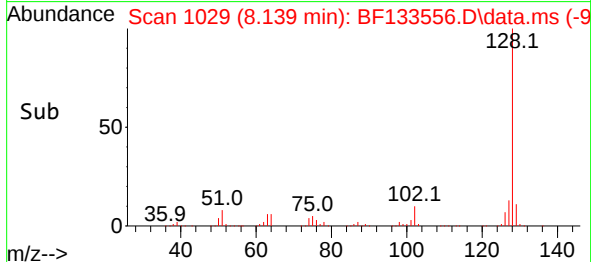
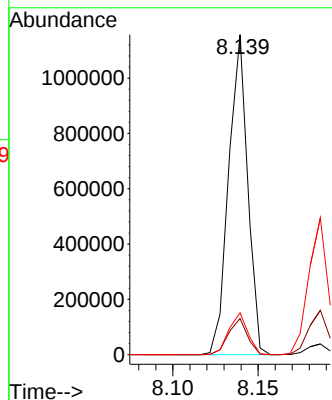
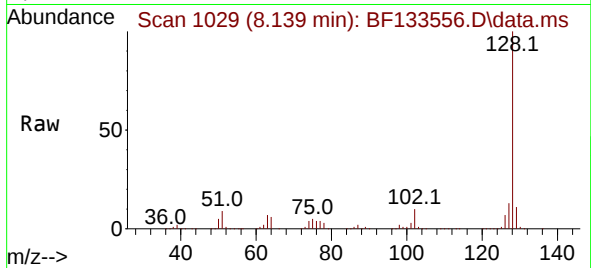




#31
Naphthalene
Concen: 39.451 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

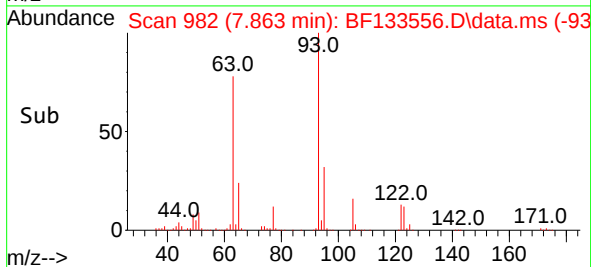
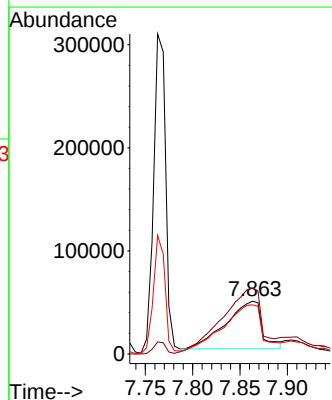
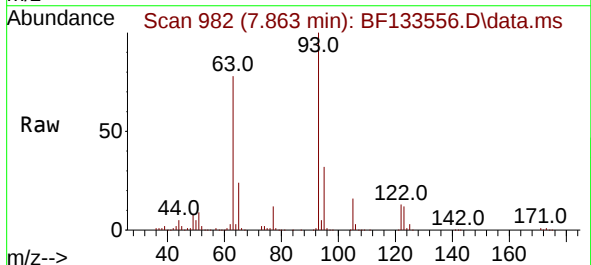
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

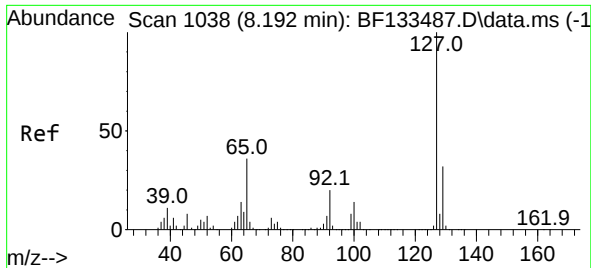
Tgt Ion:128 Resp: 898534
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 30.050 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.018 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:122 Resp: 123189
Ion Ratio Lower Upper
122 100
105 124.8 103.3 143.3
77 93.2 75.7 115.7

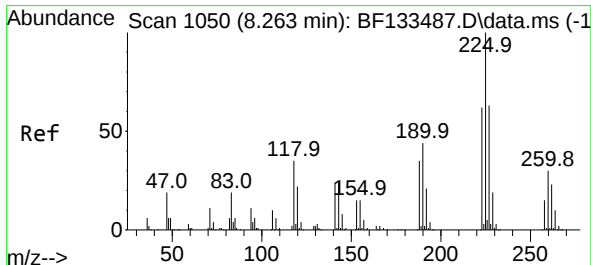
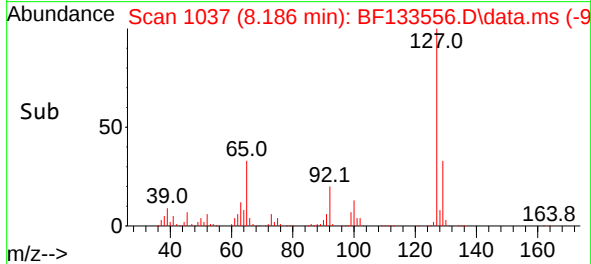
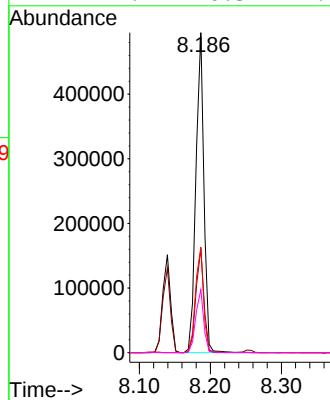
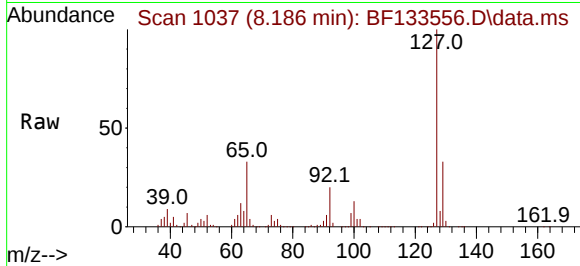




#33
4-Chloroaniline
Concen: 39.956 ng
RT: 8.186 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

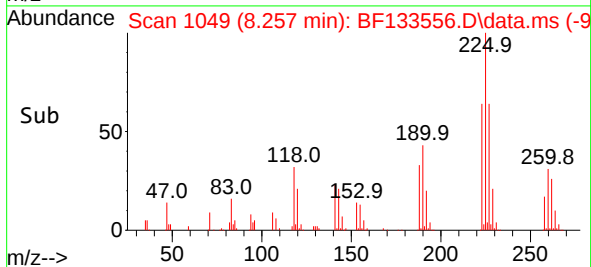
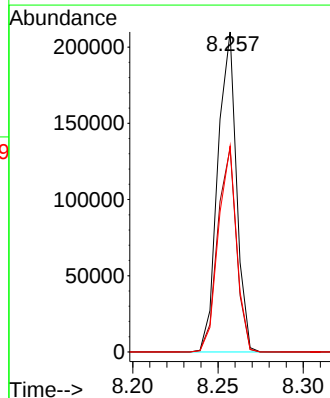
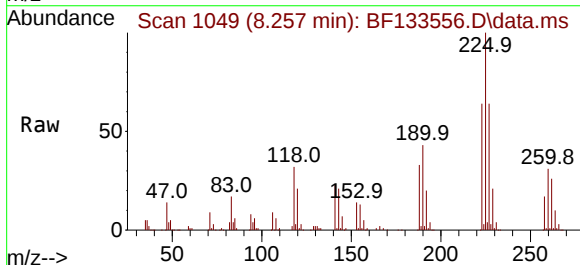
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

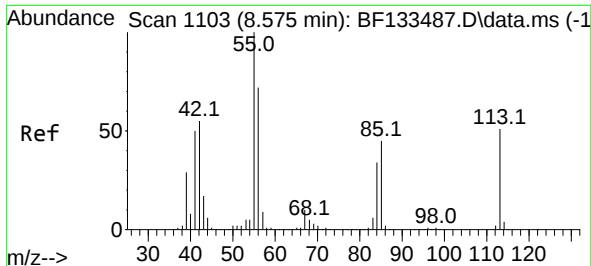
Tgt Ion:	127	Resp:	390034
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	33.0	29.0	43.6
92	19.7	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.681 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:	225	Resp:	159756
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.8
227	64.4	50.2	75.4

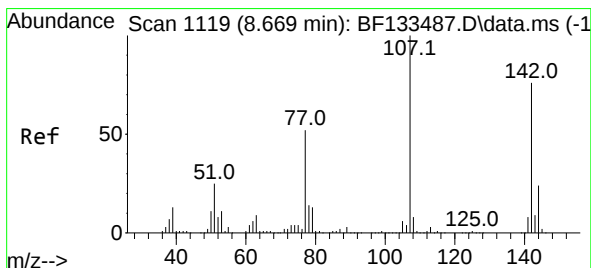
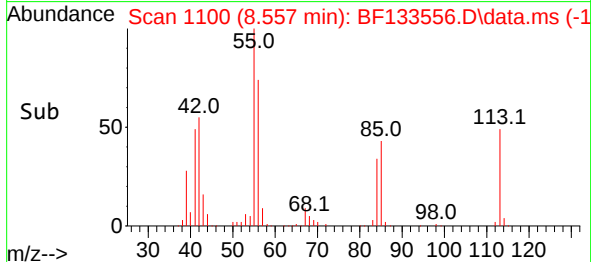
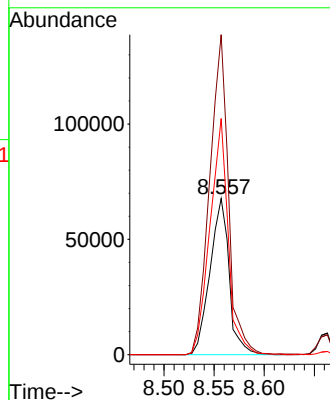
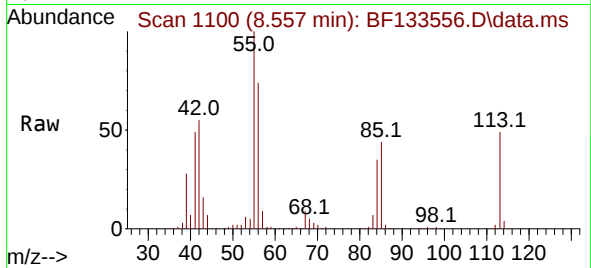




#35
 Caprolactam
 Concen: 43.598 ng
 RT: 8.557 min Scan# 1100
 Delta R.T. -0.006 min
 Lab File: BF133556.D
 Acq: 02 Jun 2023 11:49

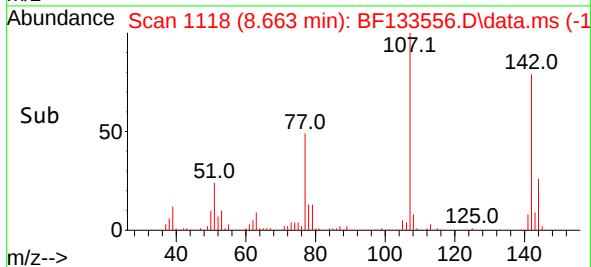
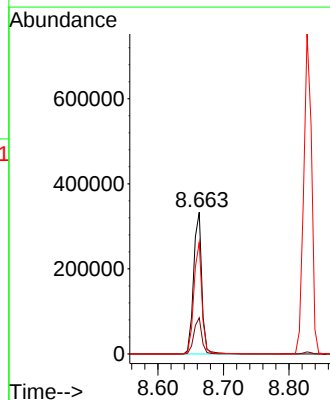
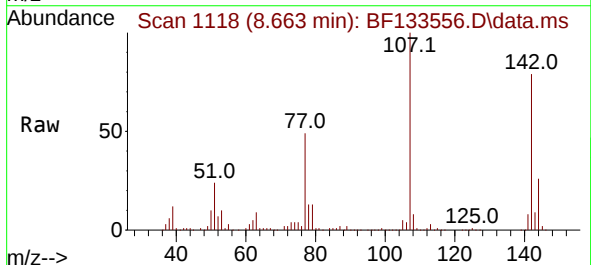
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

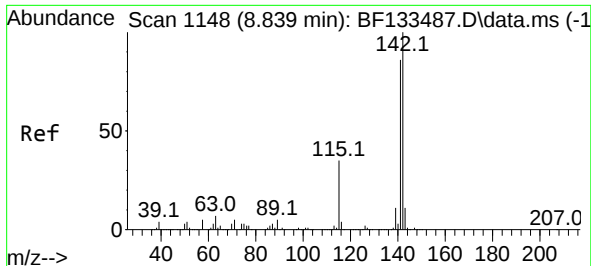
Tgt Ion:113 Resp: 89754
 Ion Ratio Lower Upper
 113 100
 55 204.8 177.5 217.5
 56 151.1 122.3 162.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.241 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. -0.000 min
 Lab File: BF133556.D
 Acq: 02 Jun 2023 11:49

Tgt Ion:107 Resp: 289990
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.4 29.0
 142 78.8 60.5 90.7





#37

2-Methylnaphthalene

Concen: 40.016 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

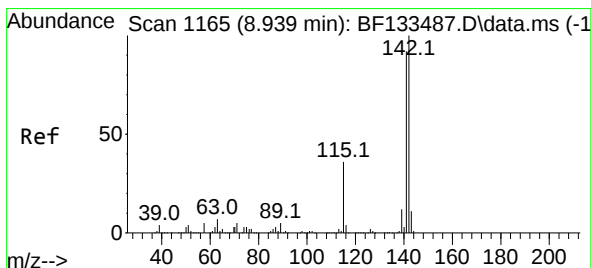
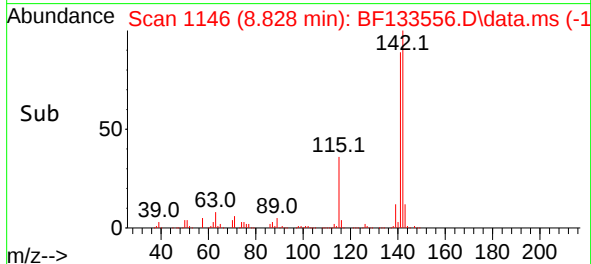
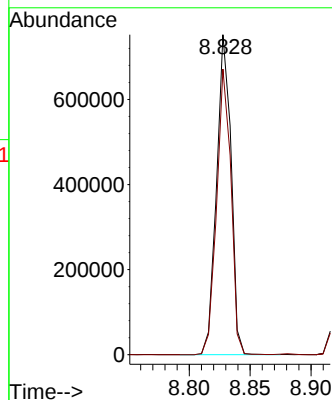
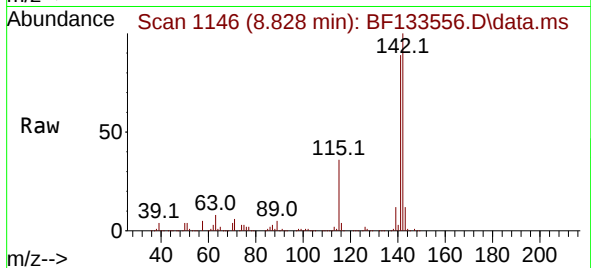
SSTDCCC040

Tgt Ion:142 Resp: 622265

Ion Ratio Lower Upper

142 100

141 89.3 69.2 103.8



#38

1-Methylnaphthalene

Concen: 39.785 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF133556.D

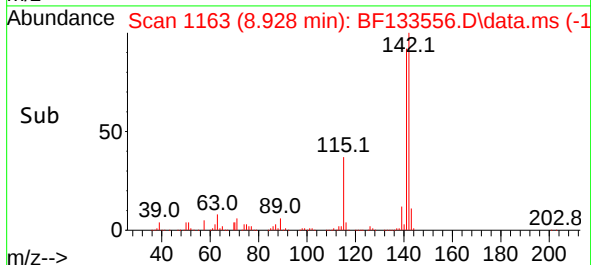
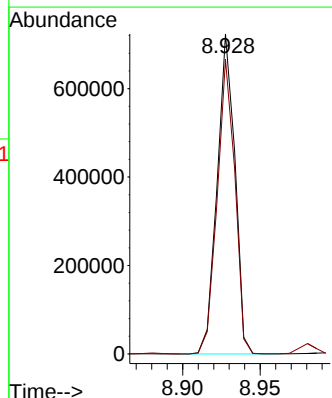
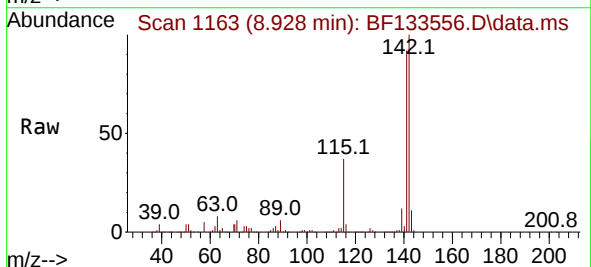
Acq: 02 Jun 2023 11:49

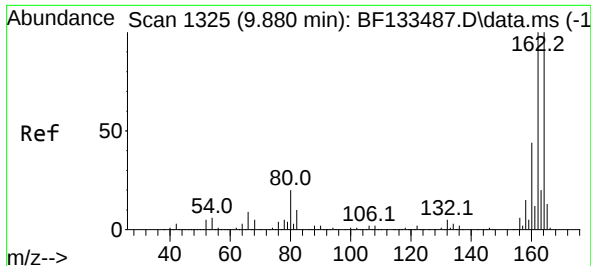
Tgt Ion:142 Resp: 576713

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

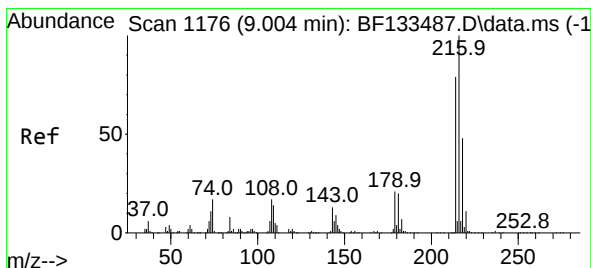
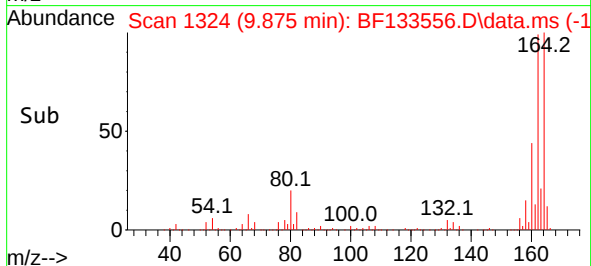
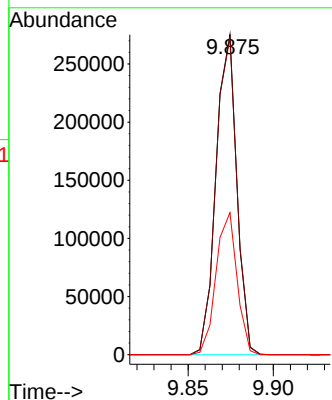
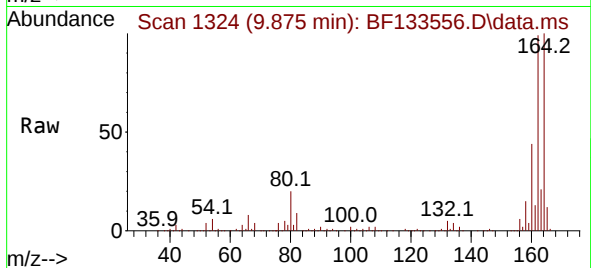
Tgt Ion:164 Resp: 233153

Ion Ratio Lower Upper

164 100

162 99.0 79.7 119.5

160 44.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.689 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Tgt Ion:216 Resp: 267352

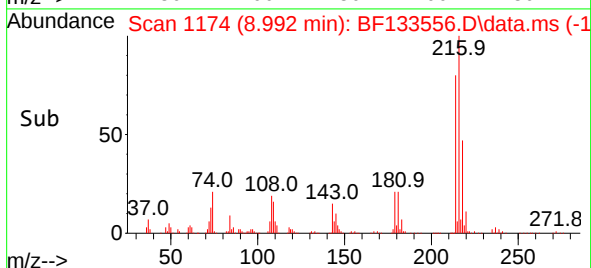
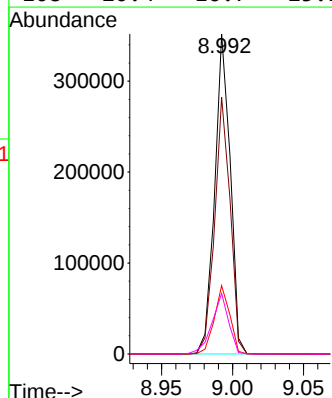
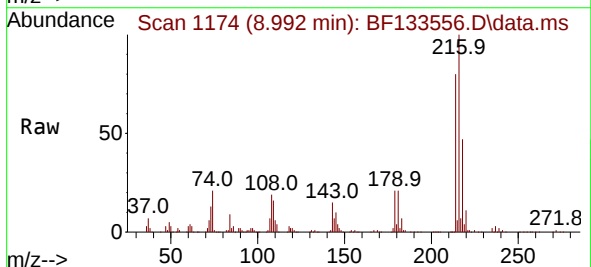
Ion Ratio Lower Upper

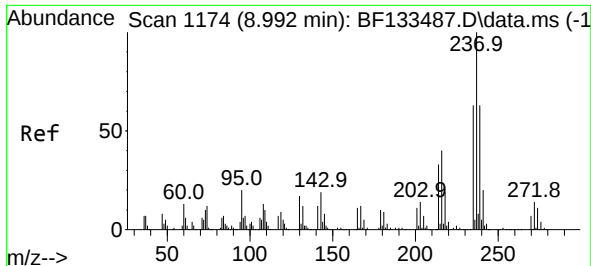
216 100

214 79.9 63.2 94.8

179 21.2 17.3 25.9

108 20.4 16.7 25.1

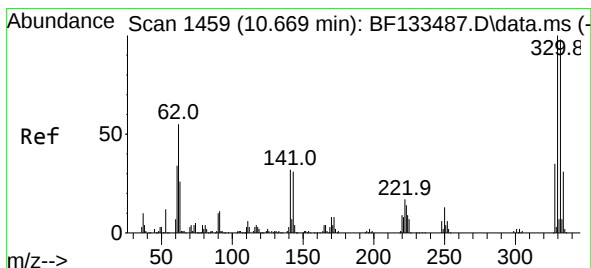
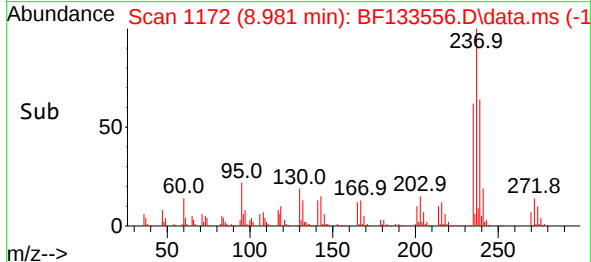
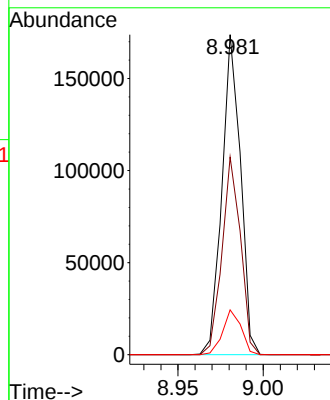
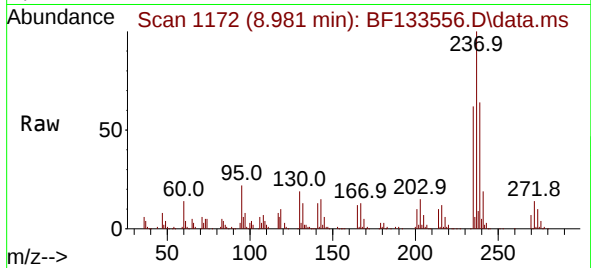




#41
Hexachlorocyclopentadiene
Concen: 37.217 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

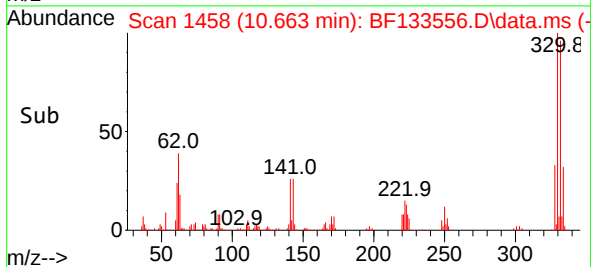
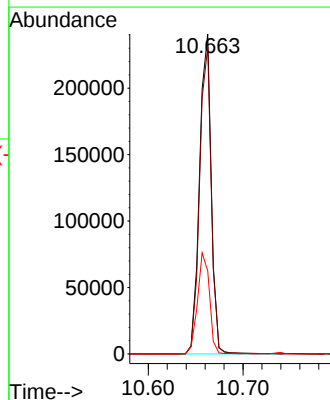
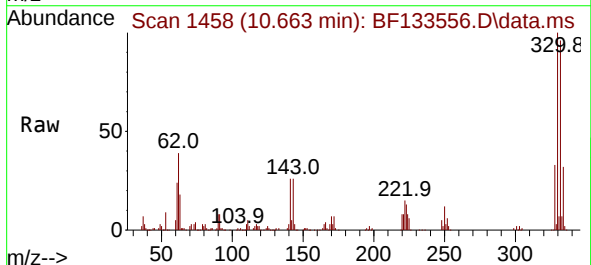
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

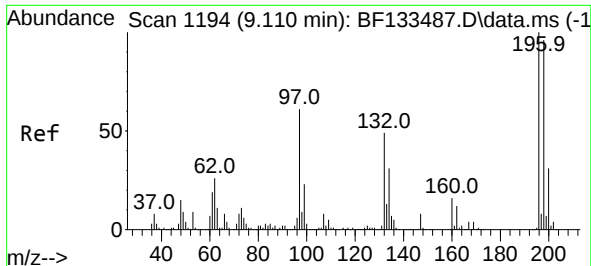
Tgt Ion:237 Resp: 131795
Ion Ratio Lower Upper
237 100
235 61.7 43.0 83.0
272 14.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 89.176 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:330 Resp: 207254
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.6
141 32.3 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 41.380 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

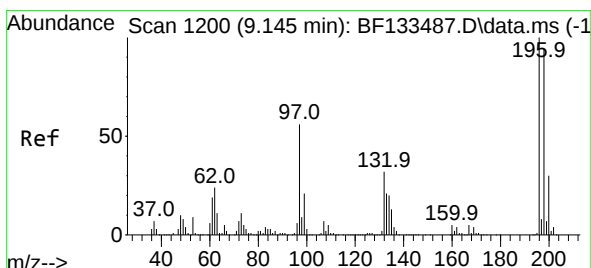
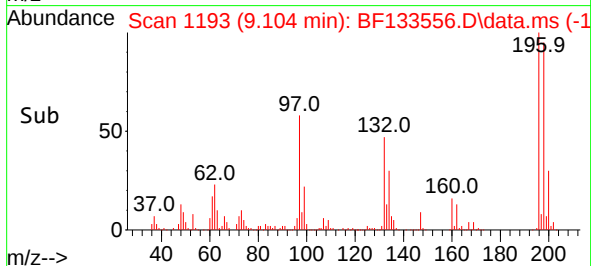
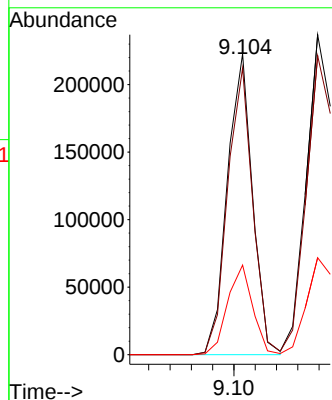
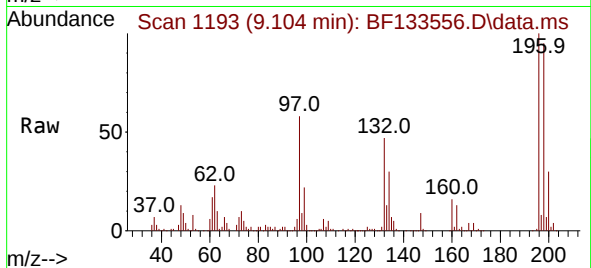
Tgt Ion:196 Resp: 182974

Ion Ratio Lower Upper

196 100

198 95.3 76.6 115.0

200 29.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 41.972 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Tgt Ion:196 Resp: 215416

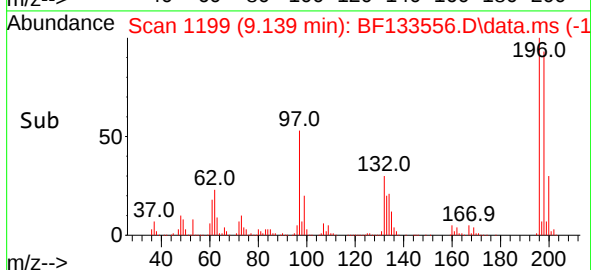
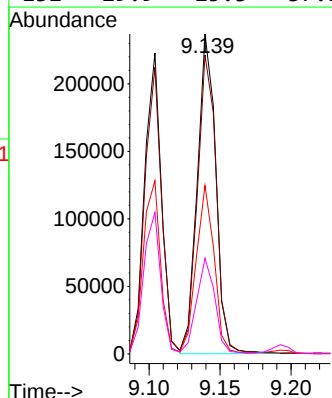
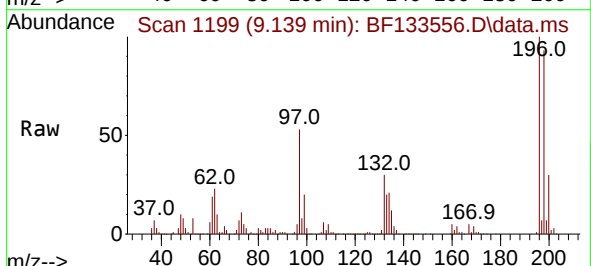
Ion Ratio Lower Upper

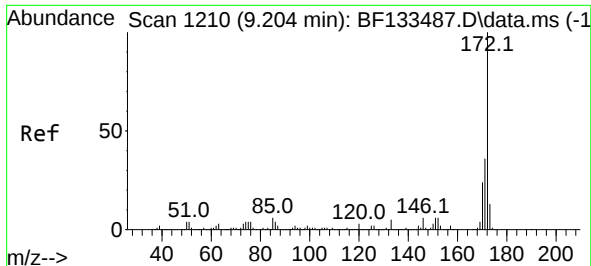
196 100

198 93.4 75.3 112.9

97 52.7 44.9 67.3

132 29.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 80.079 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

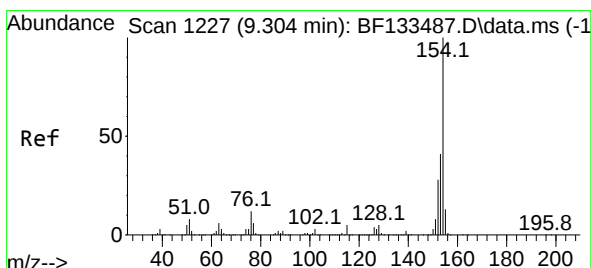
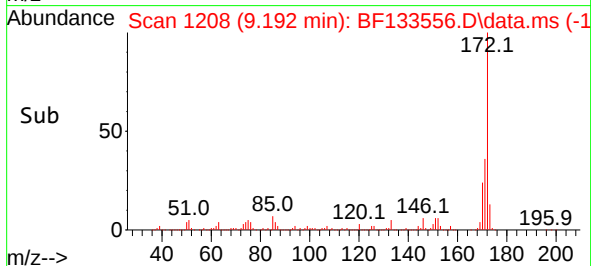
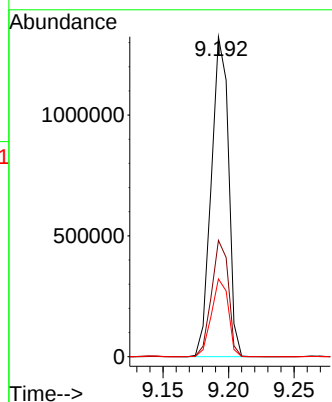
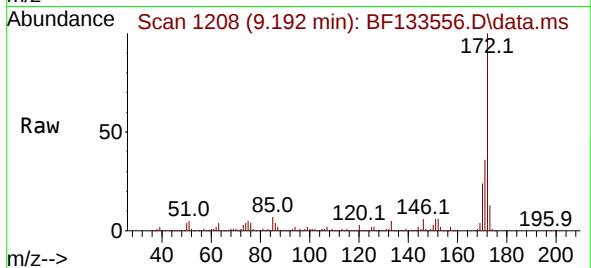
Tgt Ion:172 Resp: 1209672

Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

170 24.3 19.3 28.9



#46

1,1'-Biphenyl

Concen: 39.236 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

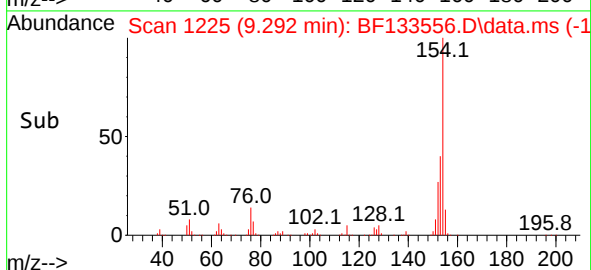
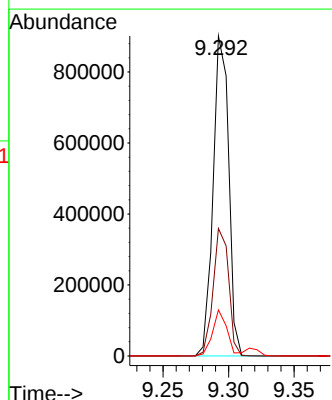
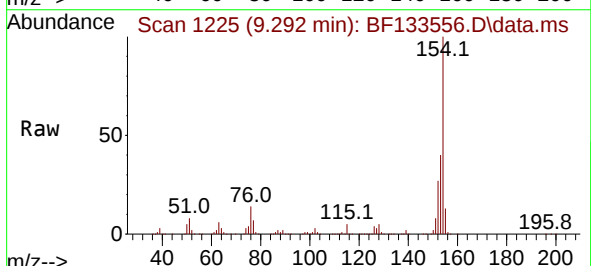
Tgt Ion:154 Resp: 743242

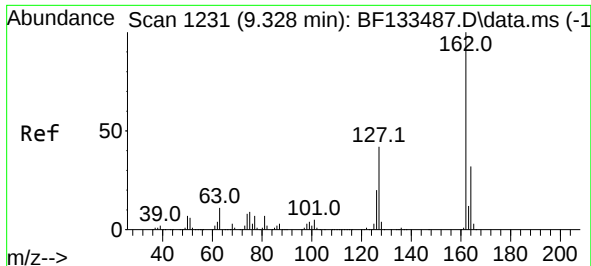
Ion Ratio Lower Upper

154 100

153 39.8 21.0 61.0

76 14.4 0.0 32.5





#47

2-Chloronaphthalene

Concen: 38.600 ng

RT: 9.322 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

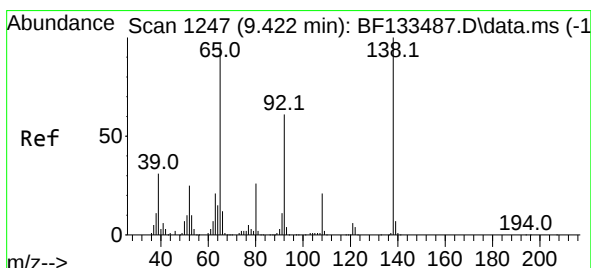
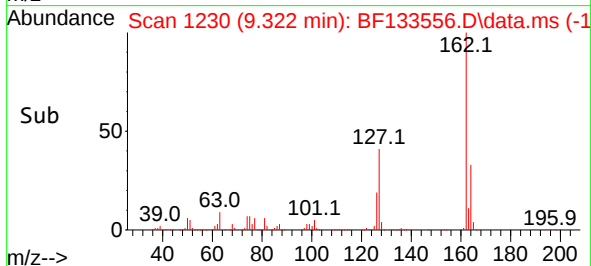
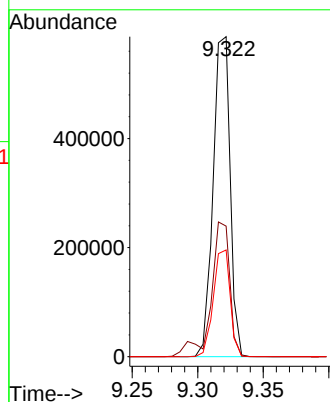
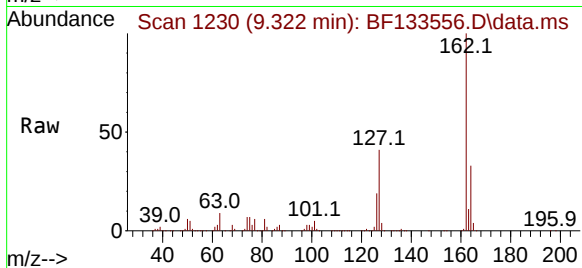
Tgt Ion:162 Resp: 529909

Ion Ratio Lower Upper

162 100

127 40.8 33.2 49.8

164 33.4 26.0 39.0



#48

2-Nitroaniline

Concen: 44.486 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

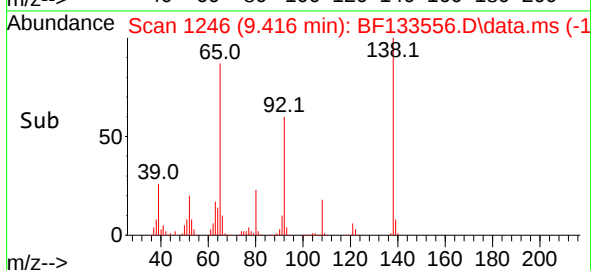
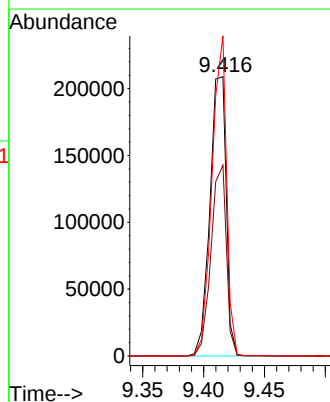
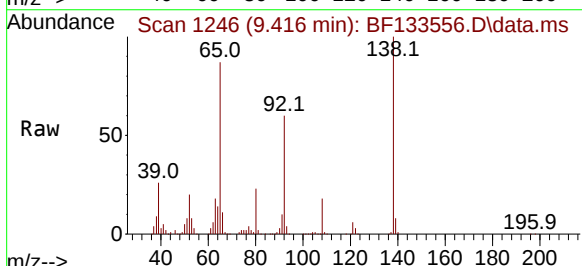
Tgt Ion: 65 Resp: 194675

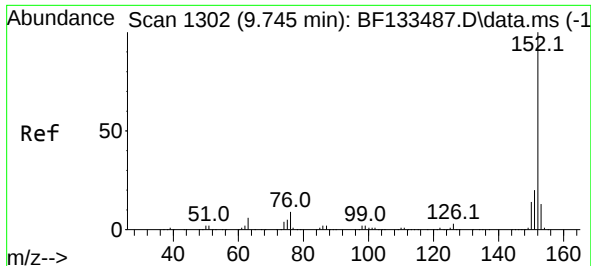
Ion Ratio Lower Upper

65 100

92 68.3 50.8 76.2

138 114.6 82.6 124.0





#49

Acenaphthylene

Concen: 39.531 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

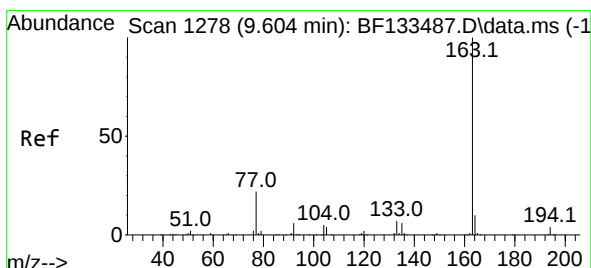
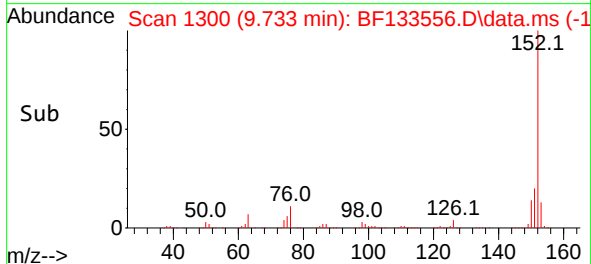
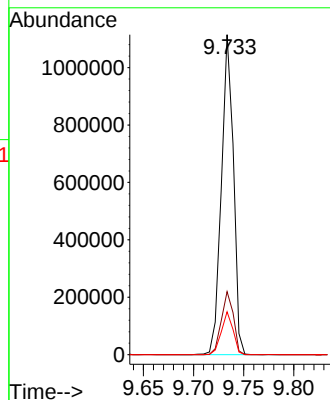
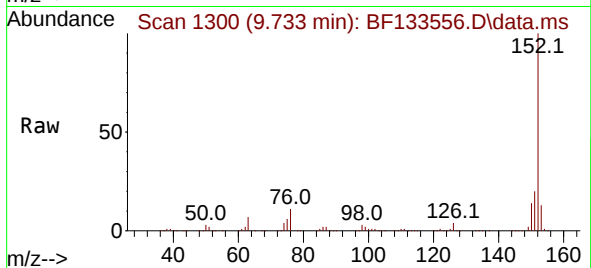
Tgt Ion:152 Resp: 926122

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 39.701 ng

RT: 9.598 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

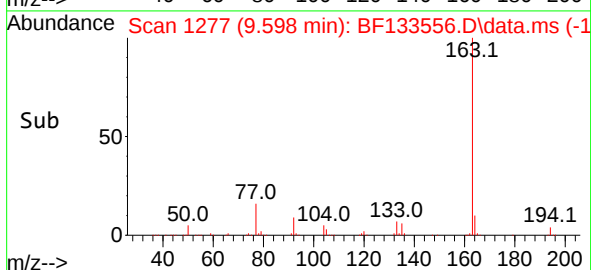
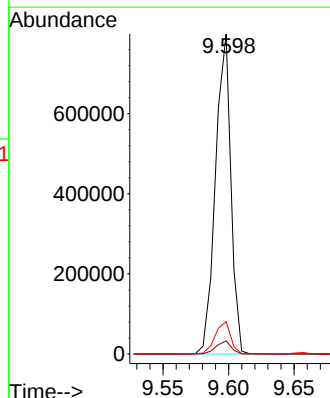
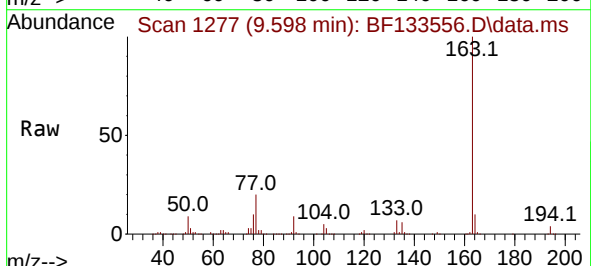
Tgt Ion:163 Resp: 650572

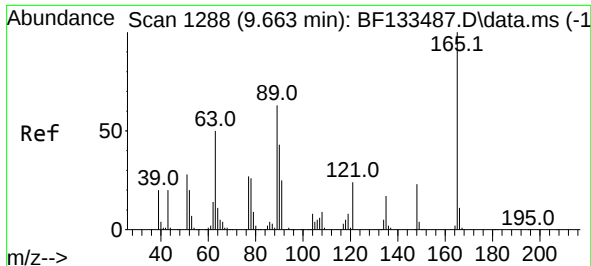
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.2 12.2

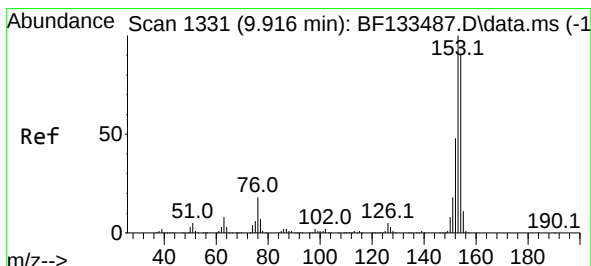
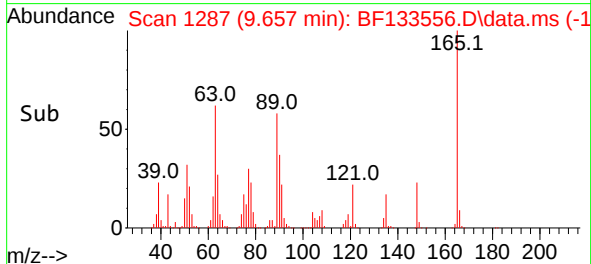
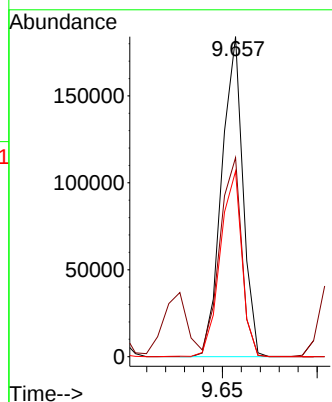
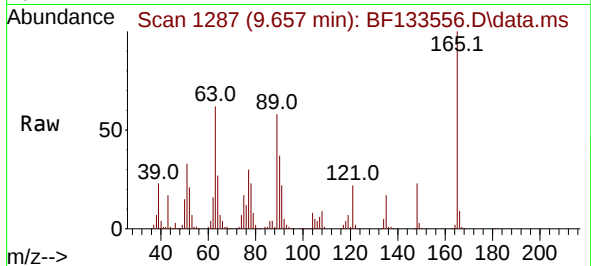




#51
2,6-Dinitrotoluene
Concen: 46.201 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

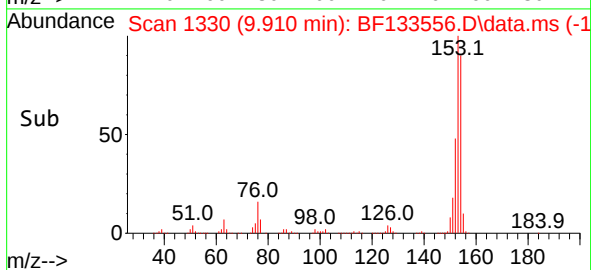
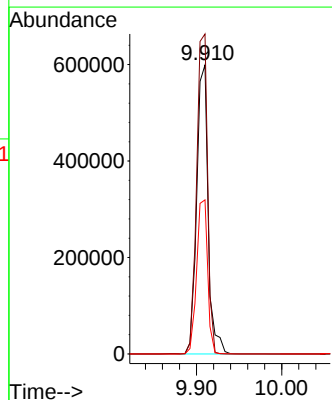
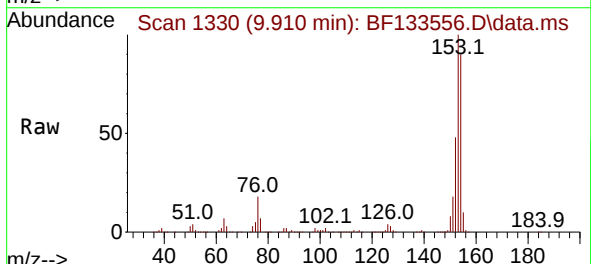
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

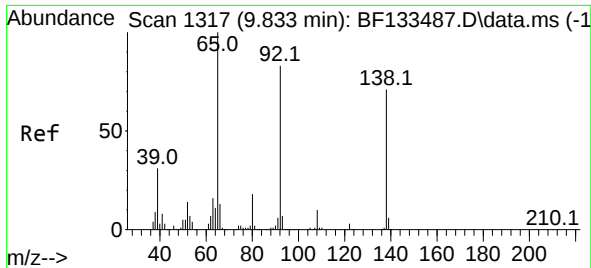
Tgt Ion:165 Resp: 143481
Ion Ratio Lower Upper
165 100
63 62.2 57.0 85.4
89 57.9 50.8 76.2



#52
Acenaphthene
Concen: 39.453 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:154 Resp: 559900
Ion Ratio Lower Upper
154 100
153 110.7 89.2 133.8
152 53.3 43.1 64.7

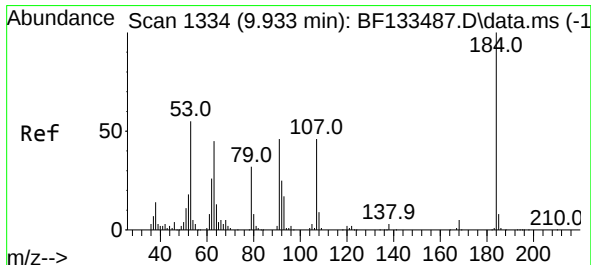
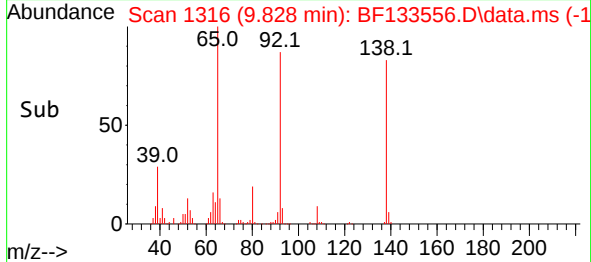
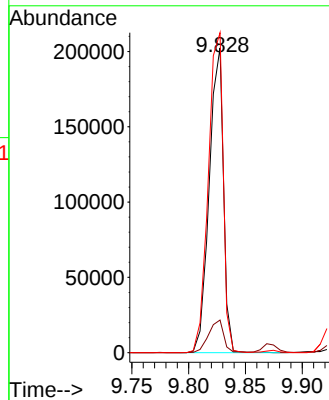
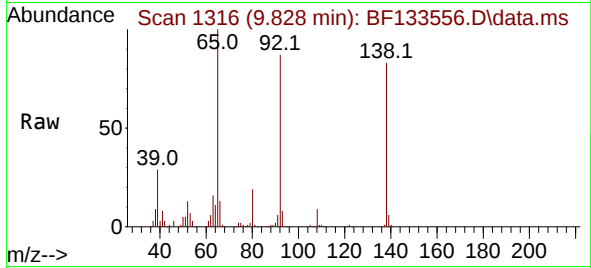




#53
3-Nitroaniline
Concen: 45.213 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

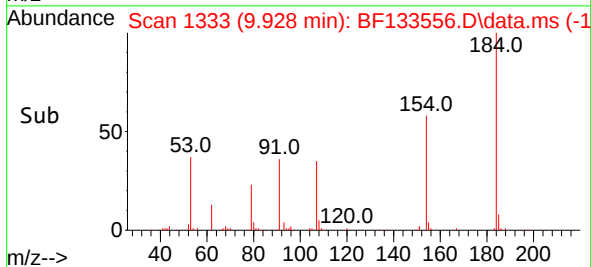
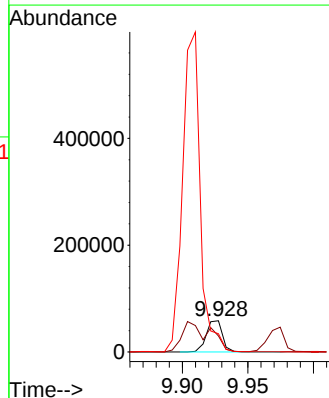
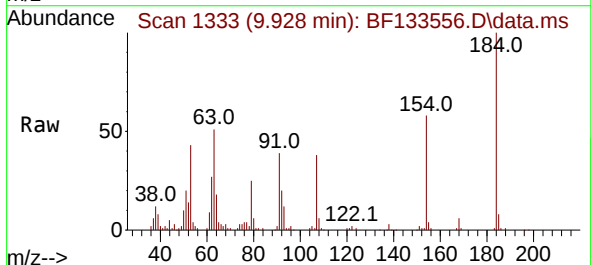
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

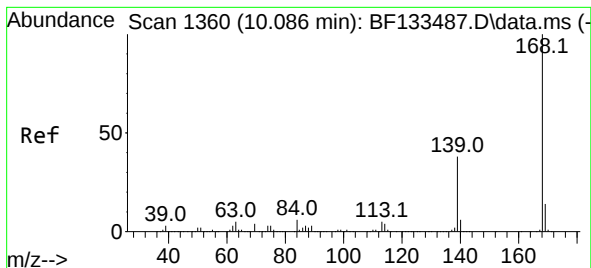
Tgt Ion:138 Resp: 175829
Ion Ratio Lower Upper
138 100
108 10.7 11.9 17.9#
92 105.0 93.1 139.7



#54
2,4-Dinitrophenol
Concen: 41.850 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:184 Resp: 50613
Ion Ratio Lower Upper
184 100
63 51.2 55.7 83.5#
154 58.4 49.3 73.9





#55

Dibenzenofuran

Concen: 39.470 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

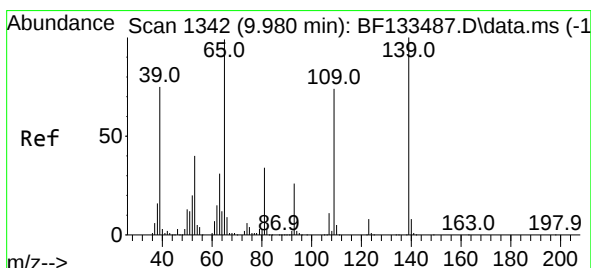
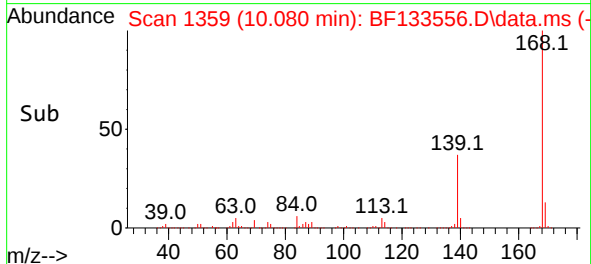
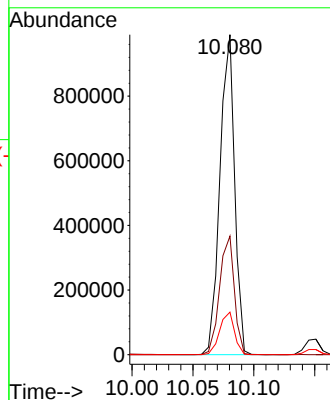
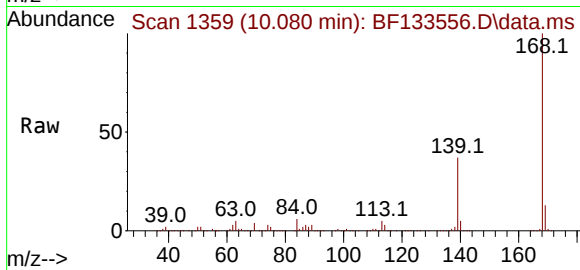
Tgt Ion:168 Resp: 833350

Ion Ratio Lower Upper

168 100

139 37.1 30.6 46.0

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 46.063 ng

RT: 9.975 min Scan# 1341

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

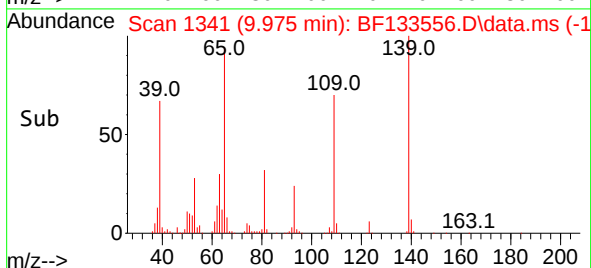
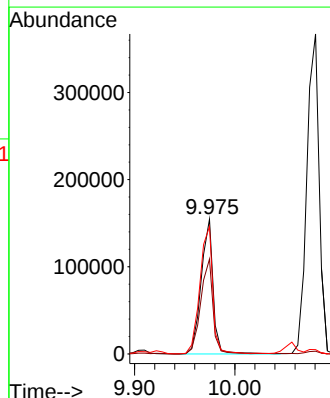
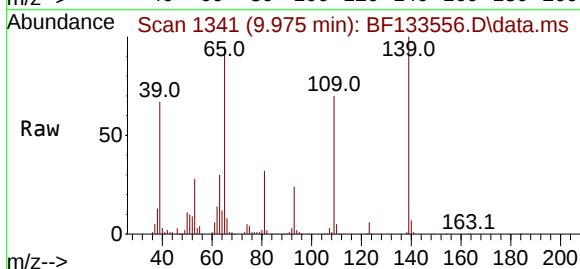
Tgt Ion:139 Resp: 129142

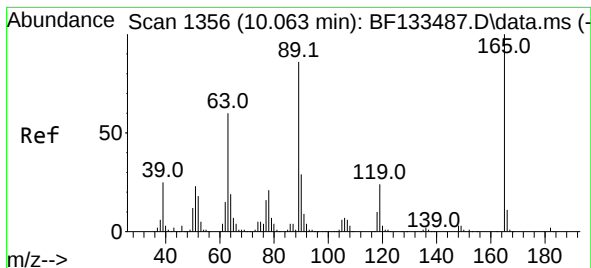
Ion Ratio Lower Upper

139 100

109 70.4 54.5 94.5

65 94.6 79.5 119.5

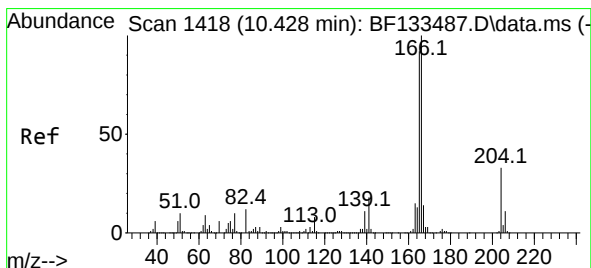
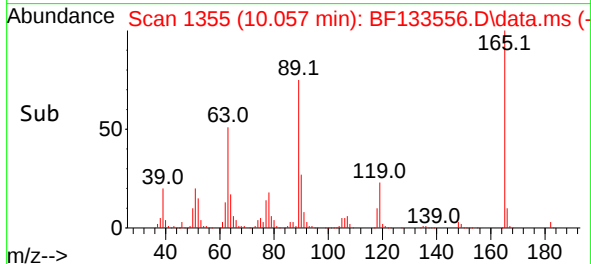
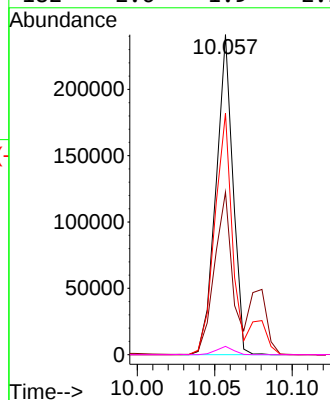
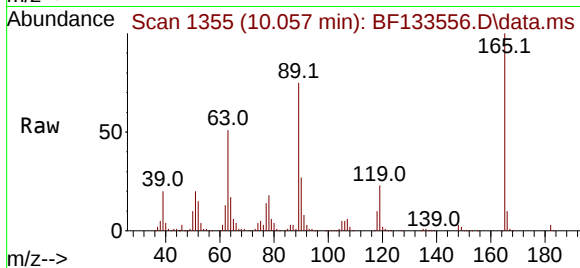




#57
2,4-Dinitrotoluene
Concen: 47.530 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

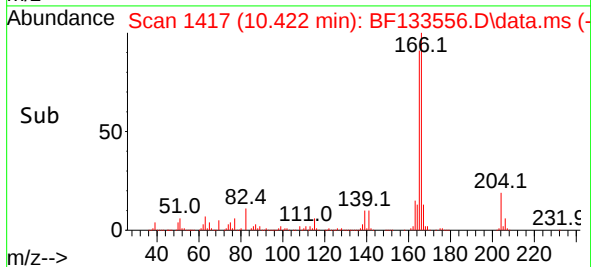
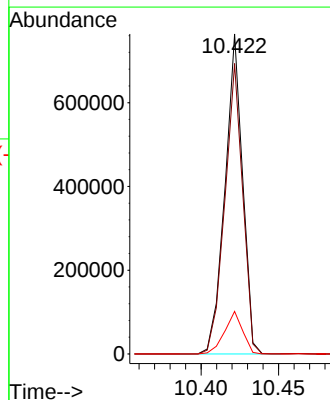
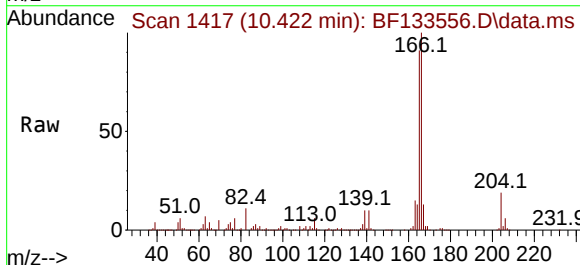
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

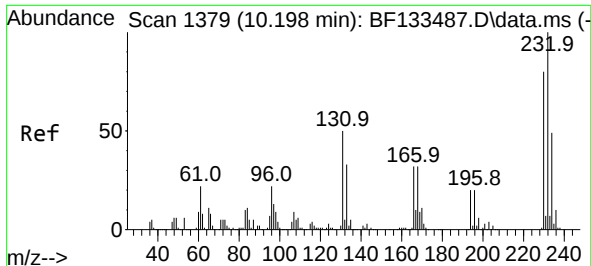
Tgt Ion:165 Resp: 183599
Ion Ratio Lower Upper
165 100
63 50.8 48.1 72.1
89 75.5 68.4 102.6
182 2.6 1.9 2.9



#58
Fluorene
Concen: 39.133 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:166 Resp: 605345
Ion Ratio Lower Upper
166 100
165 90.7 73.4 110.0
167 13.3 10.9 16.3

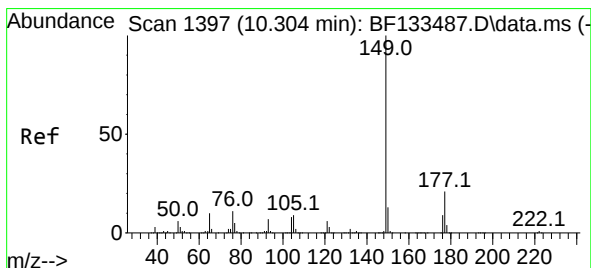
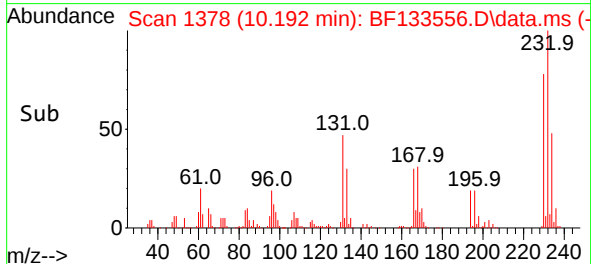
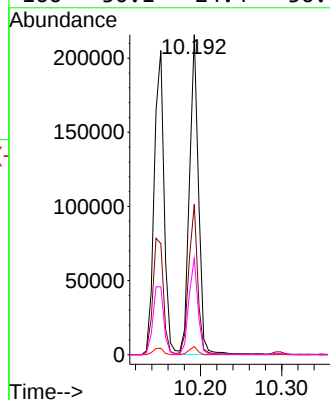
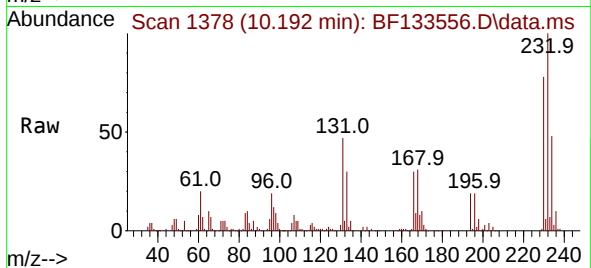




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.984 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

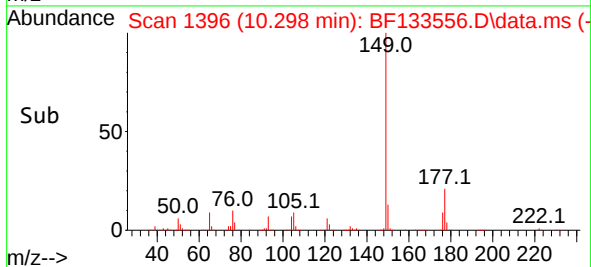
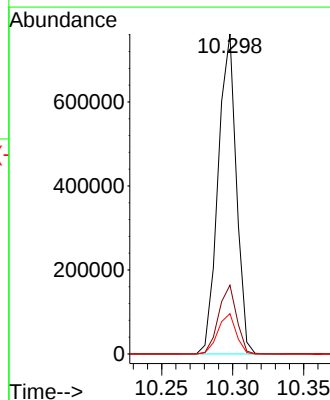
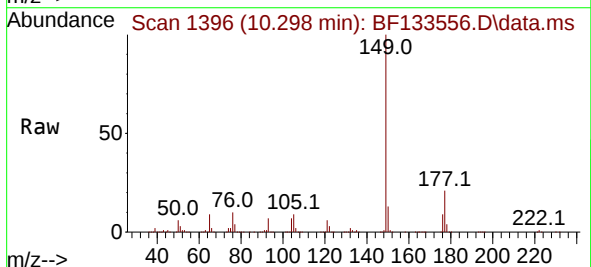
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

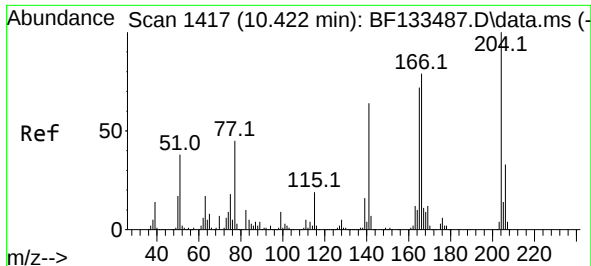
Tgt Ion:232 Resp: 166148
Ion Ratio Lower Upper
232 100
131 47.0 37.9 56.9
130 2.4 1.8 2.6
166 30.1 24.4 36.6



#60
Diethylphthalate
Concen: 39.937 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:149 Resp: 679377
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.6 10.2 15.2

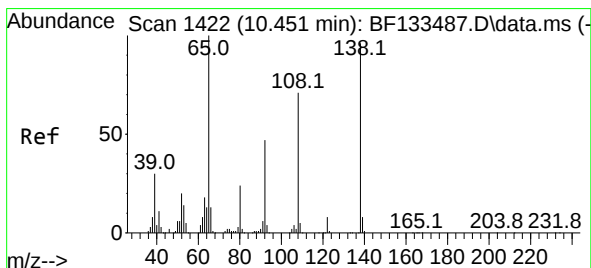
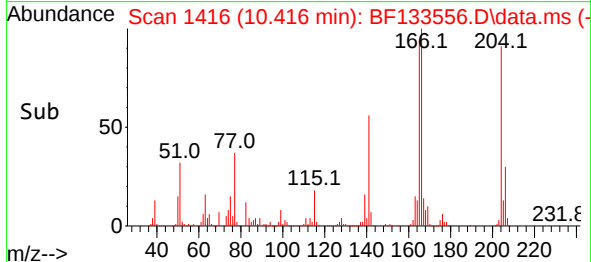
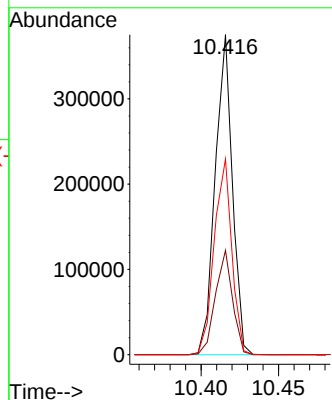
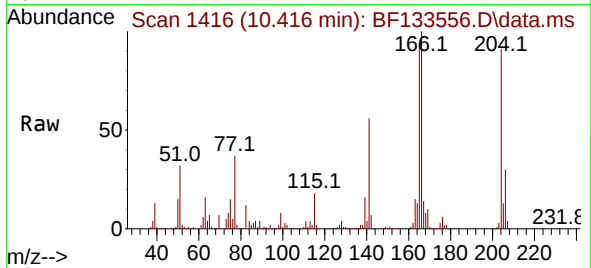




#61
4-Chlorophenyl-phenylether
Concen: 38.989 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

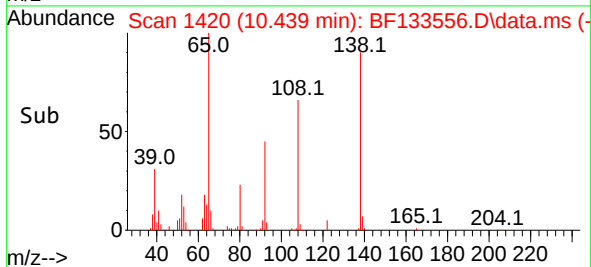
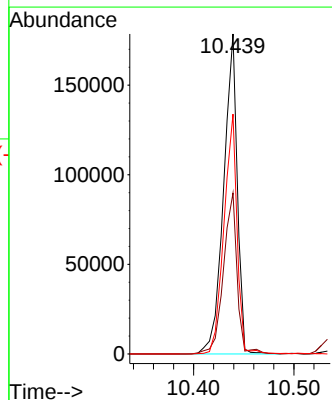
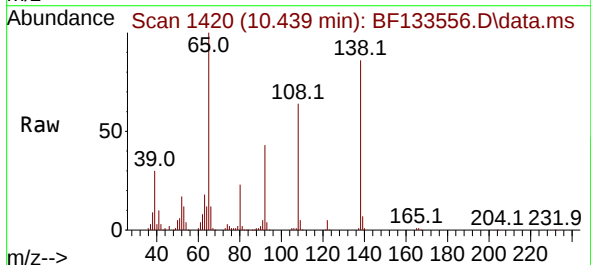
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

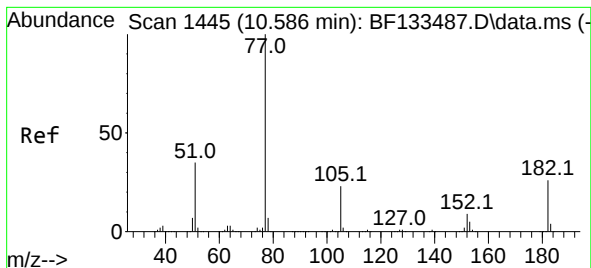
Tgt Ion:204 Resp: 289594
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 61.2 51.4 77.2



#62
4-Nitroaniline
Concen: 43.225 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:138 Resp: 168886
Ion Ratio Lower Upper
138 100
92 50.3 28.4 68.4
108 74.9 54.2 94.2





#63

Azobenzene

Concen: 38.833 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 661260

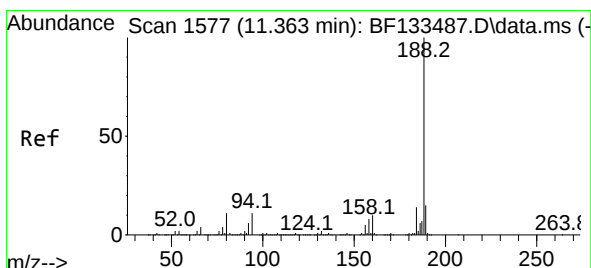
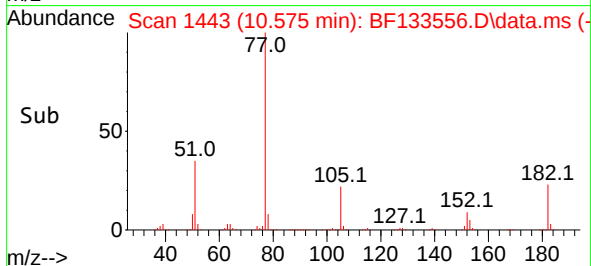
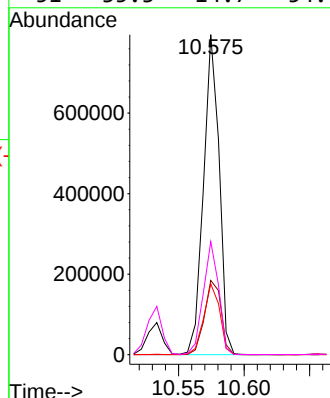
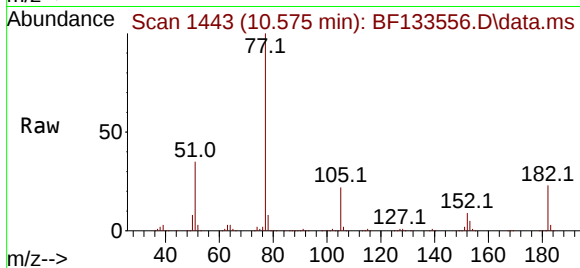
Ion Ratio Lower Upper

77 100

182 23.2 5.6 45.6

105 22.1 2.6 42.6

51 35.3 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

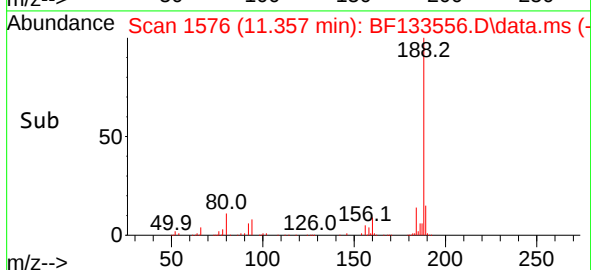
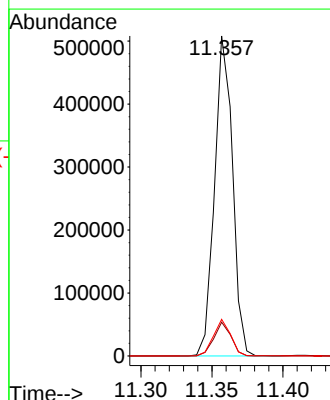
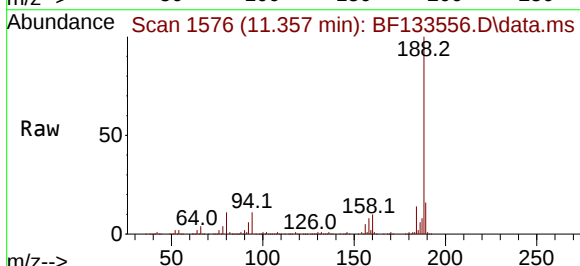
Tgt Ion: 188 Resp: 446392

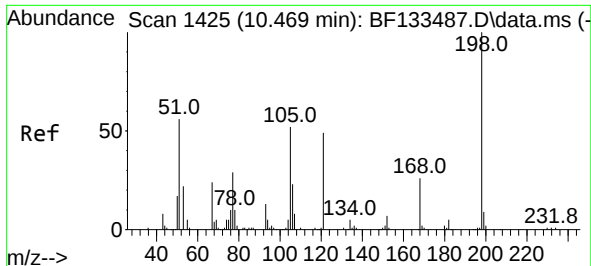
Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

80 11.4 9.2 13.8

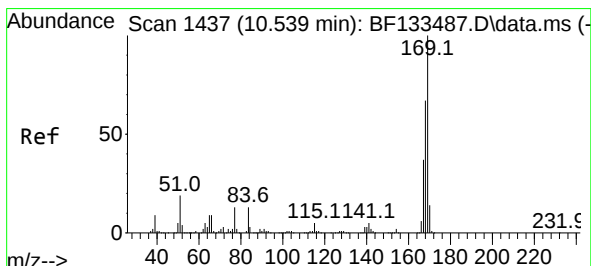
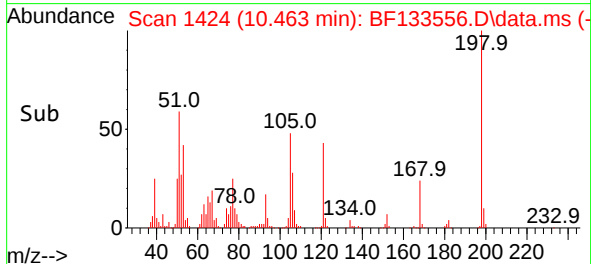
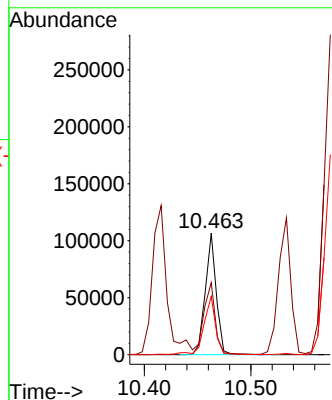
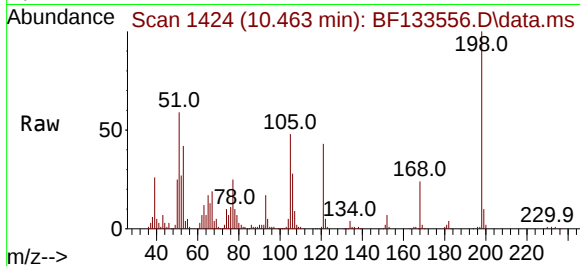




#65
4,6-Dinitro-2-methylphenol
Concen: 43.058 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

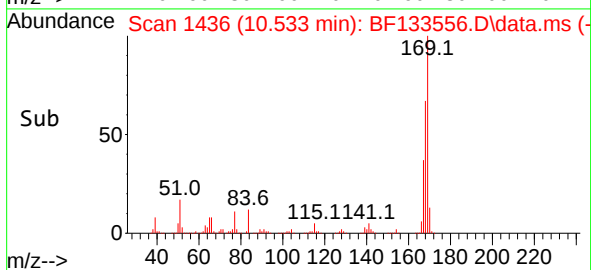
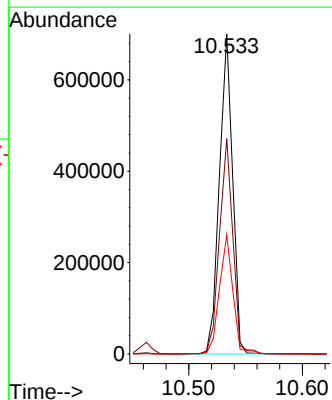
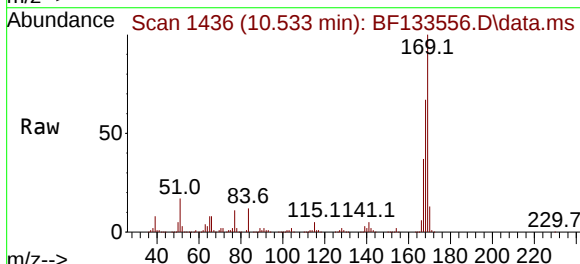
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

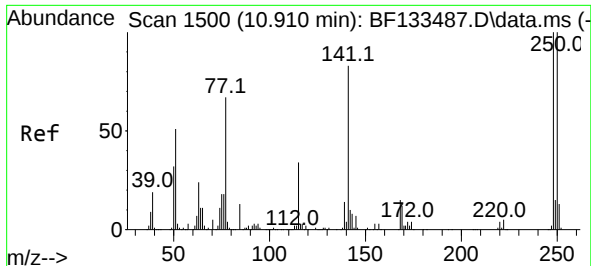
Tgt Ion:198 Resp: 76601
Ion Ratio Lower Upper
198 100
51 59.3 53.6 93.6
105 47.9 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 39.139 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:169 Resp: 567204
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 37.2 29.6 44.4

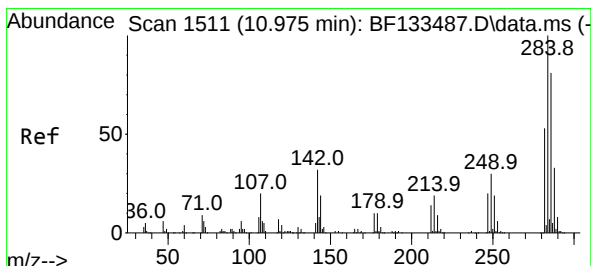
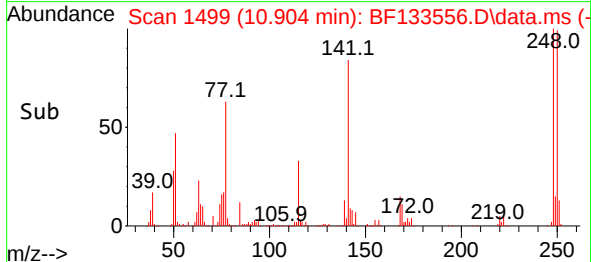
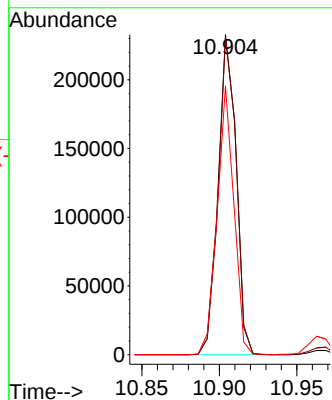
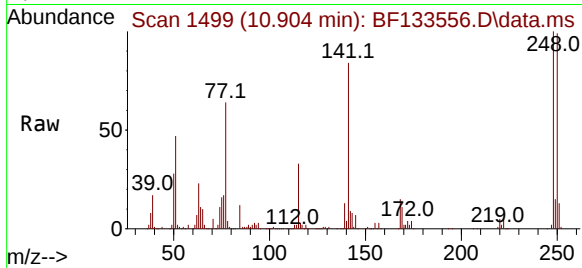




#67
4-Bromophenyl-phenylether
Concen: 39.580 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

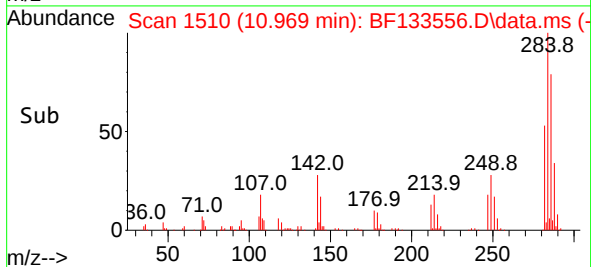
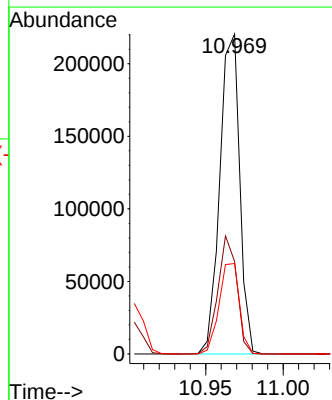
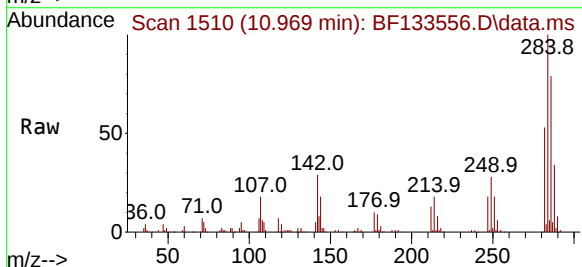
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

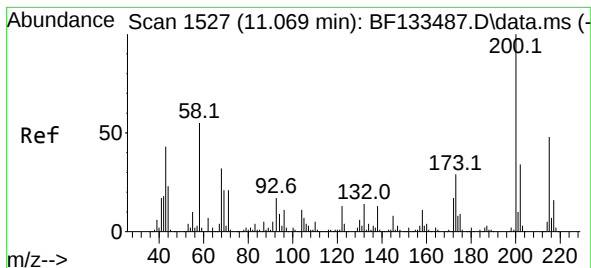
Tgt Ion:248 Resp: 187638
Ion Ratio Lower Upper
248 100
250 99.3 79.7 119.5
141 84.0 66.6 100.0



#68
Hexachlorobenzene
Concen: 39.710 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:284 Resp: 196862
Ion Ratio Lower Upper
284 100
142 28.9 25.8 38.6
249 28.2 24.4 36.6





#69

Atrazine

Concen: 41.501 ng

RT: 11.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

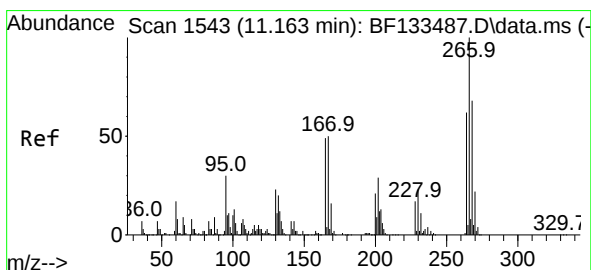
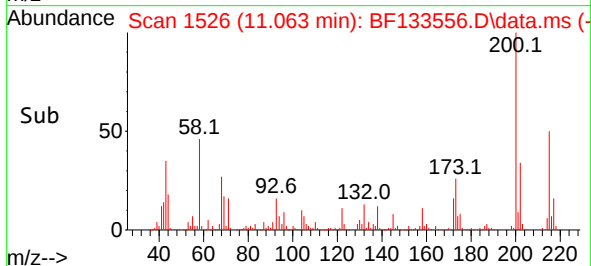
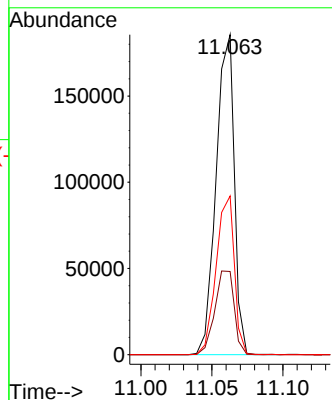
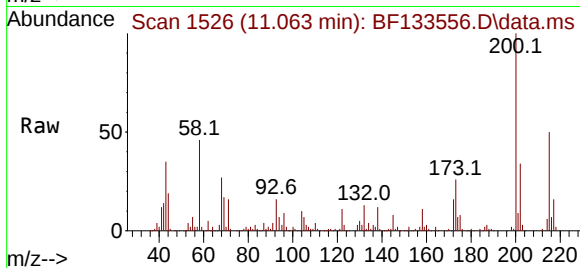
Tgt Ion:200 Resp: 165021

Ion Ratio Lower Upper

200 100

173 26.0 9.0 49.0

215 49.6 27.6 67.6



#70

Pentachlorophenol

Concen: 42.975 ng

RT: 11.157 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

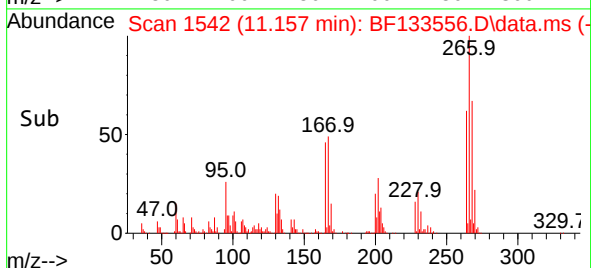
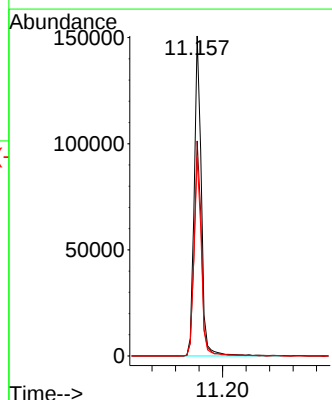
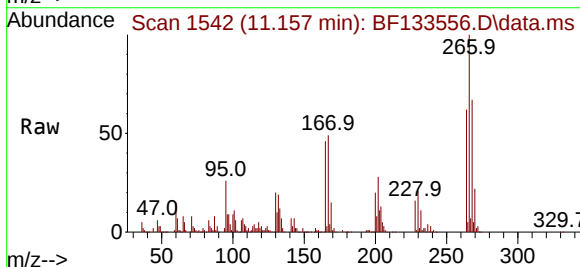
Tgt Ion:266 Resp: 127389

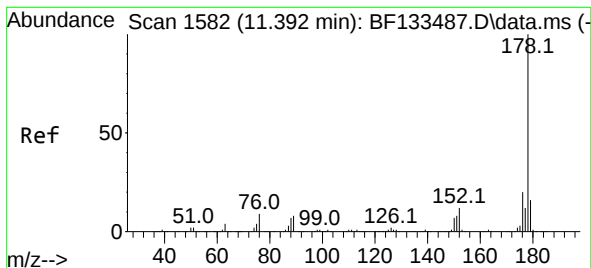
Ion Ratio Lower Upper

266 100

268 67.2 54.6 82.0

264 62.1 49.2 73.8





#71

Phenanthrene

Concen: 39.752 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

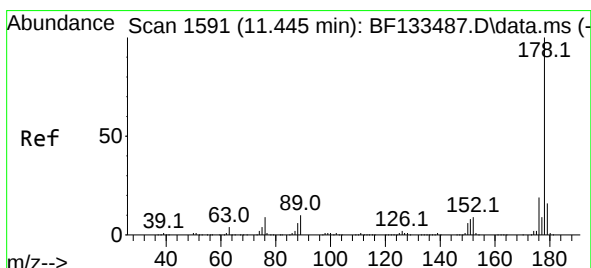
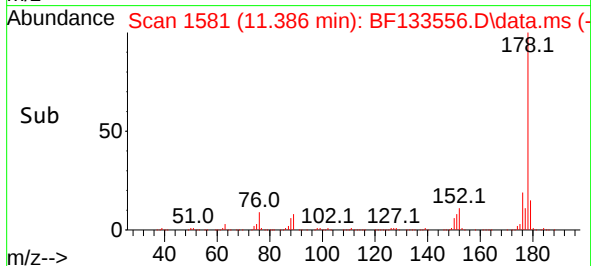
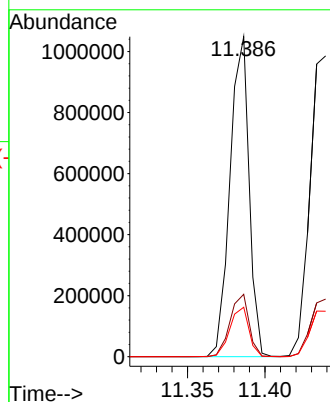
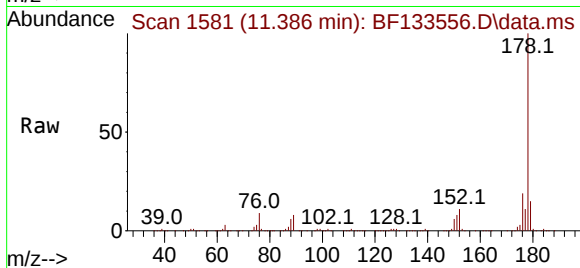
Tgt Ion:178 Resp: 898779

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.5 12.4 18.6



#72

Anthracene

Concen: 40.062 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

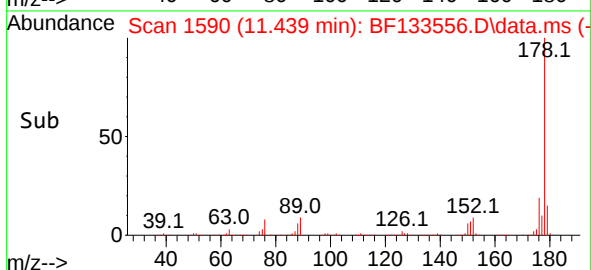
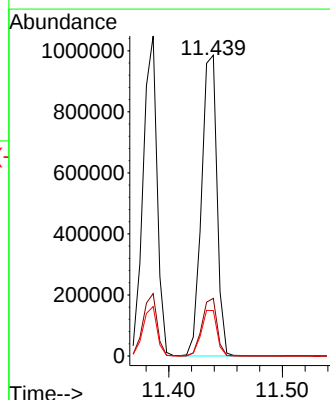
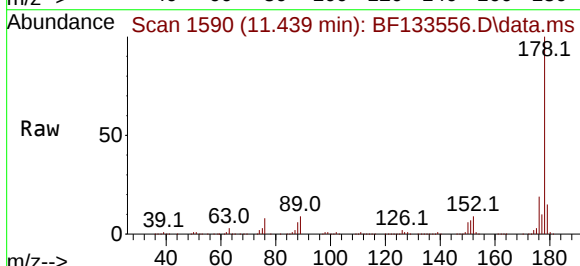
Tgt Ion:178 Resp: 932220

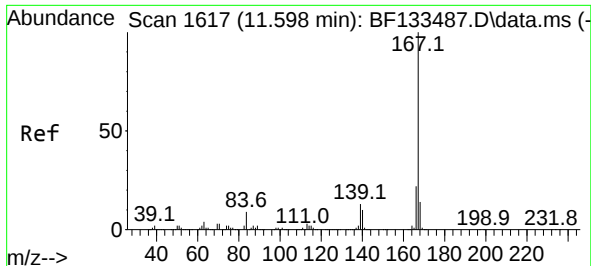
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.1 12.6 18.8

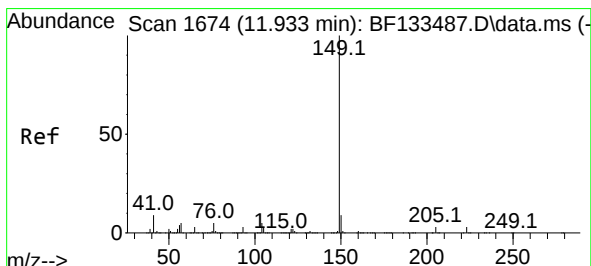
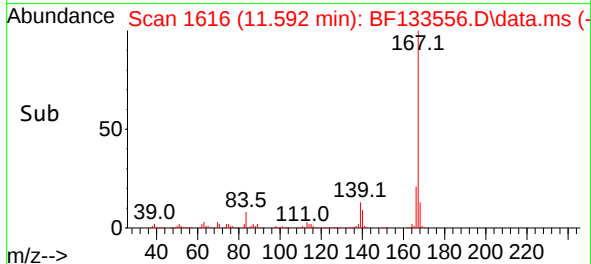
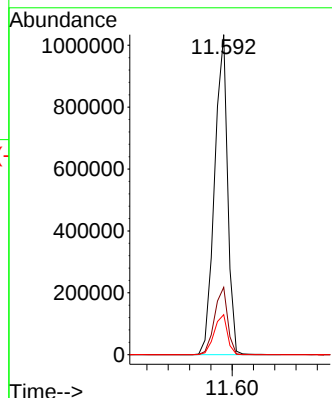
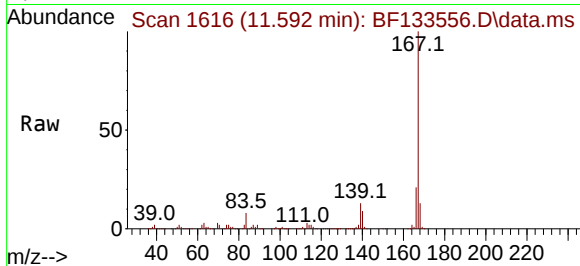




#73
 Carbazole
 Concen: 40.033 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF133556.D
 Acq: 02 Jun 2023 11:49

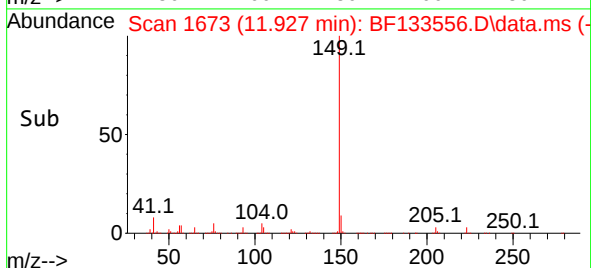
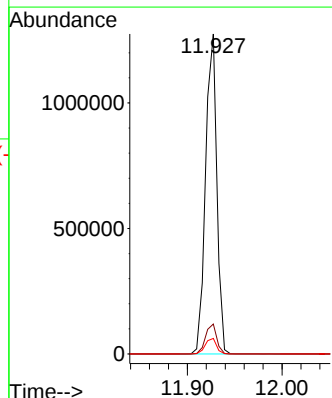
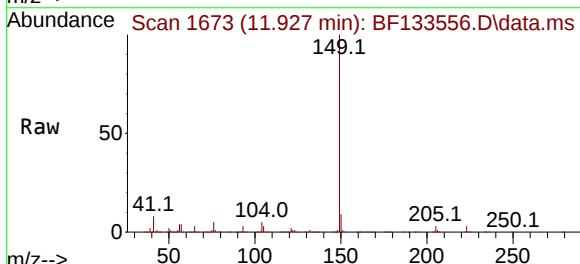
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

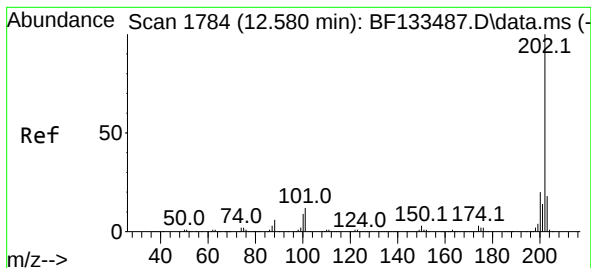
Tgt Ion:167 Resp: 880975
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 40.515 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF133556.D
 Acq: 02 Jun 2023 11:49

Tgt Ion:149 Resp: 1054272
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 38.425 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

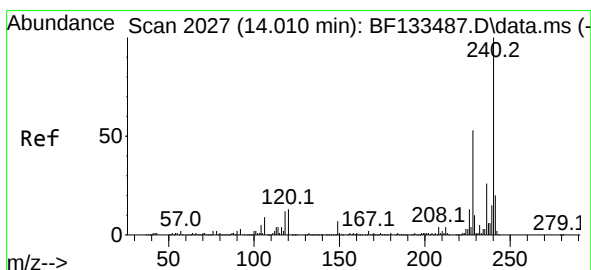
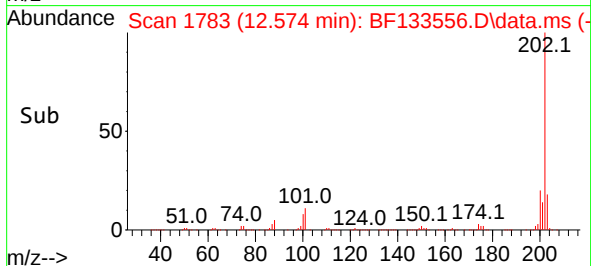
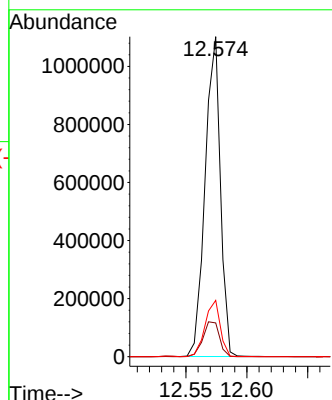
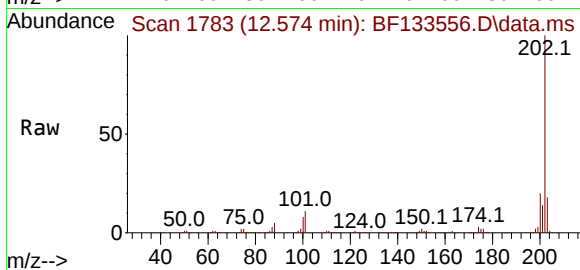
Tgt Ion:202 Resp: 959629

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.2

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

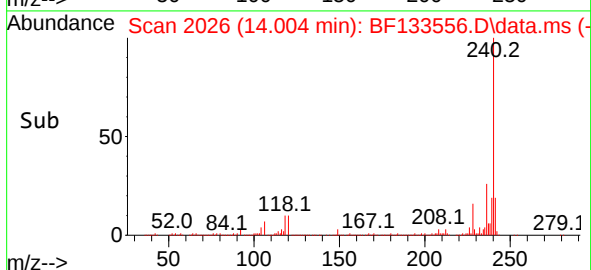
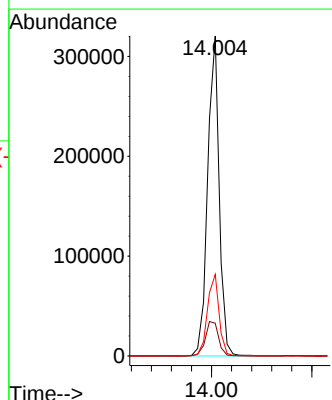
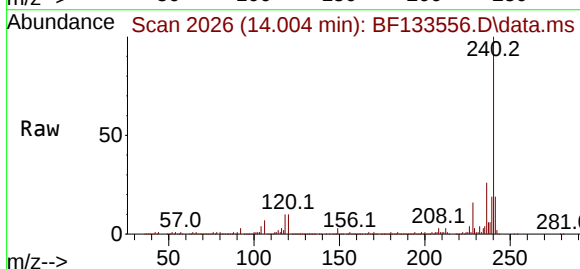
Tgt Ion:240 Resp: 257776

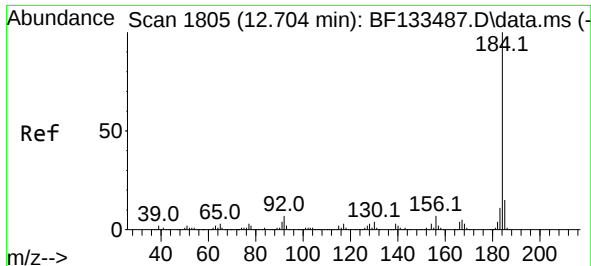
Ion Ratio Lower Upper

240 100

120 10.2 10.3 15.5#

236 25.5 20.5 30.7

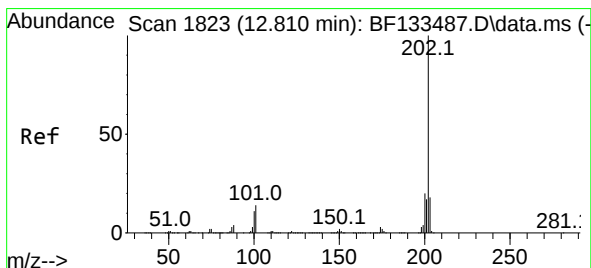
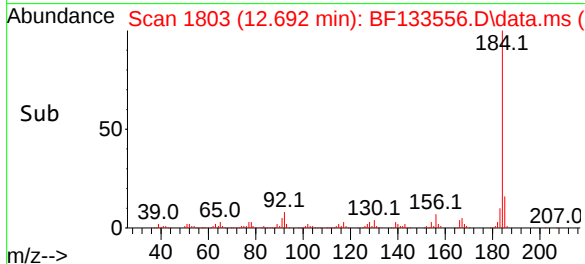
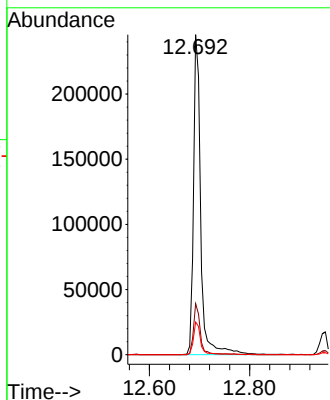
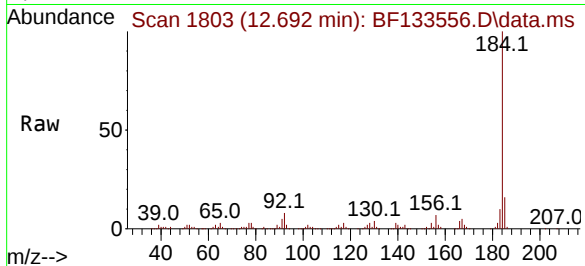




#77
Benzidine
Concen: 32.405 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

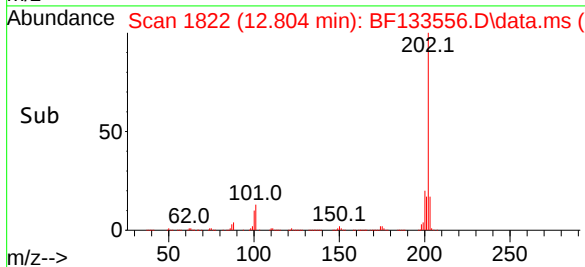
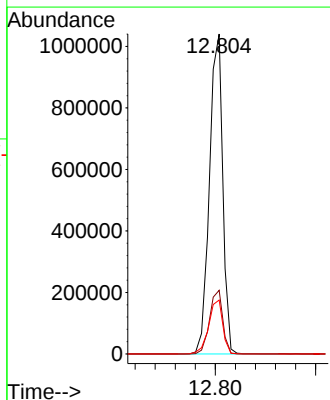
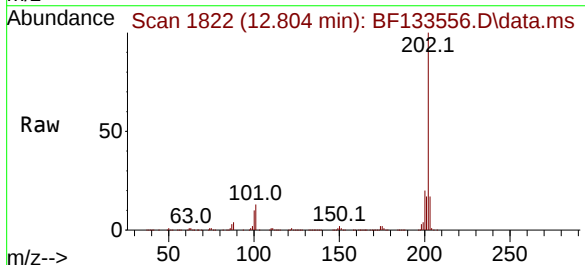
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

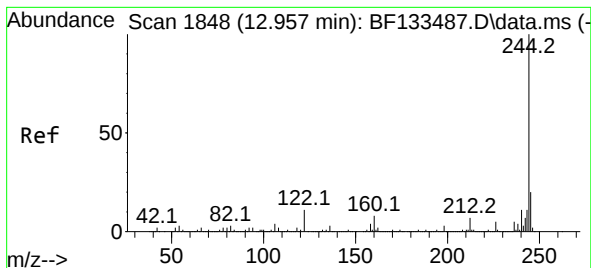
Tgt Ion:184 Resp: 244312
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 10.2 8.7 13.1



#78
Pyrene
Concen: 43.791 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:202 Resp: 960586
Ion Ratio Lower Upper
202 100
200 19.9 16.3 24.5
203 16.8 14.3 21.5





#79

Terphenyl-d14

Concen: 87.968 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

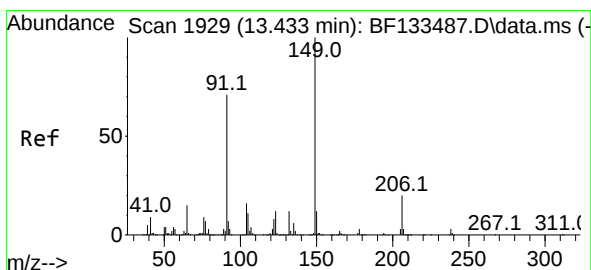
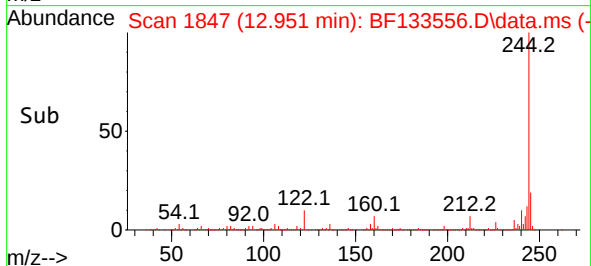
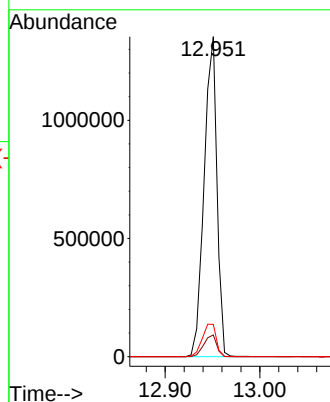
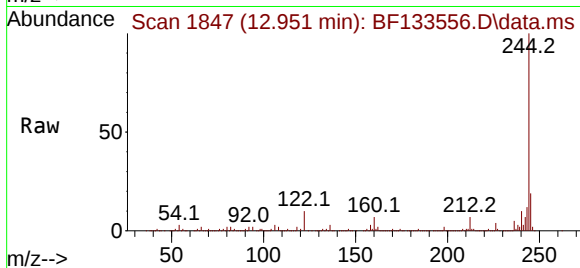
Tgt Ion:244 Resp: 1275376

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 10.1 8.5 12.7



#80

Butylbenzylphthalate

Concen: 46.900 ng

RT: 13.427 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

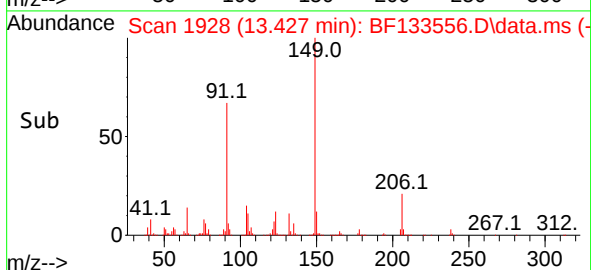
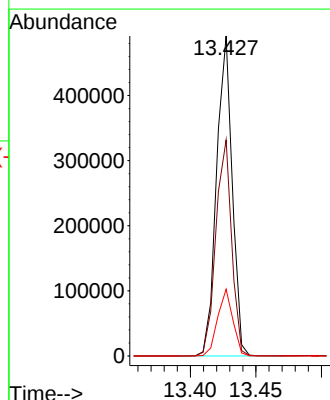
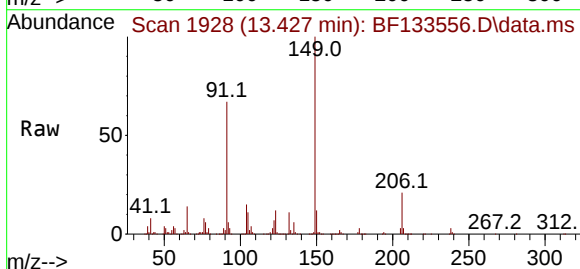
Tgt Ion:149 Resp: 407047

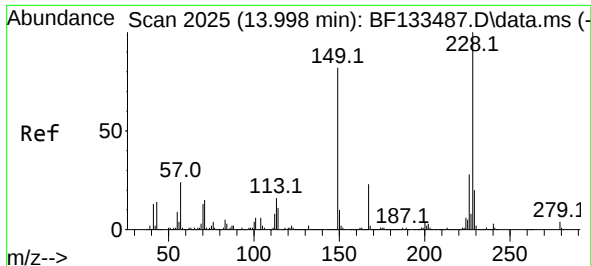
Ion Ratio Lower Upper

149 100

91 67.5 56.9 85.3

206 20.8 15.7 23.5

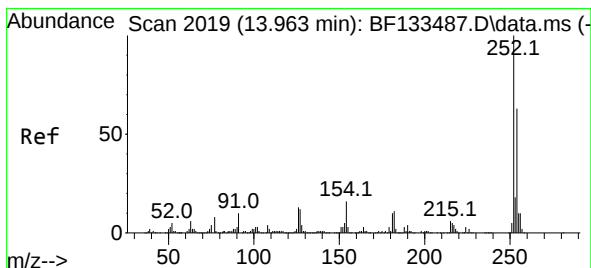
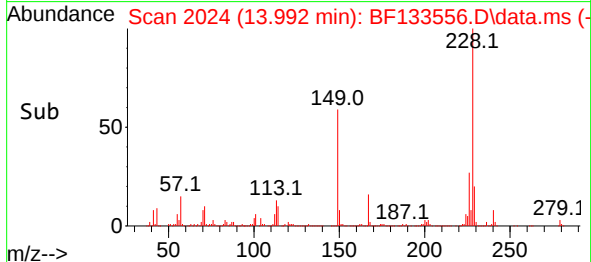
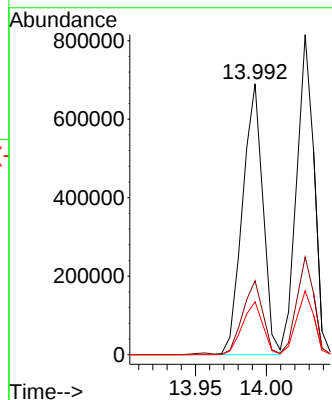
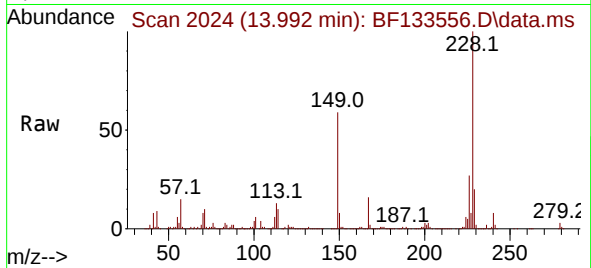




#81
Benzo(a)anthracene
Concen: 40.193 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

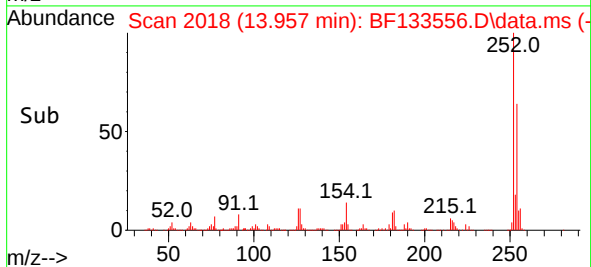
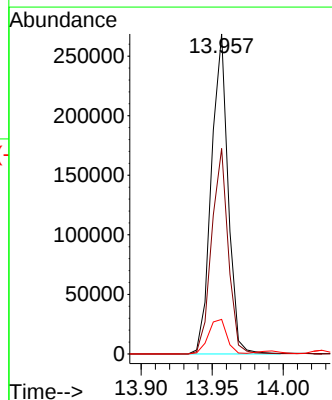
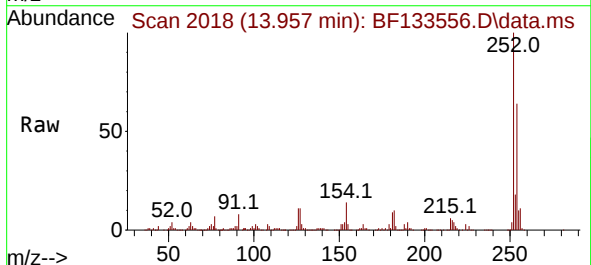
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

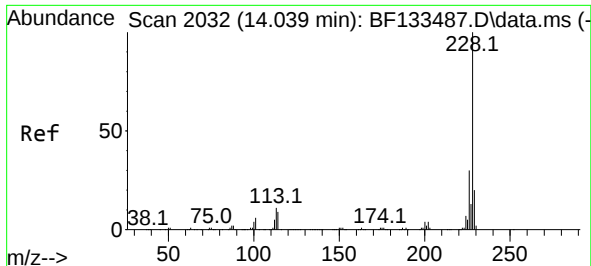
Tgt Ion:228 Resp: 690194
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.5 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 41.080 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:252 Resp: 220521
Ion Ratio Lower Upper
252 100
254 64.2 50.3 75.5
126 10.8 10.5 15.7

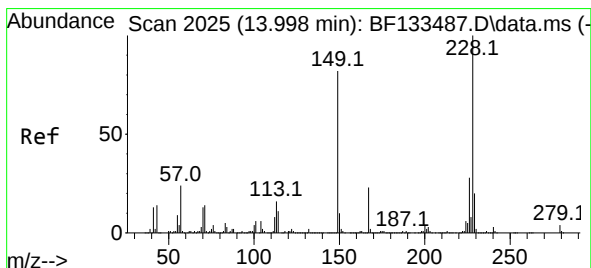
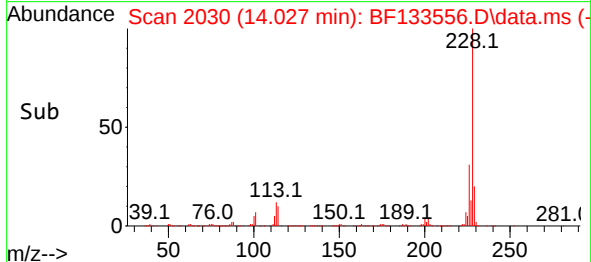
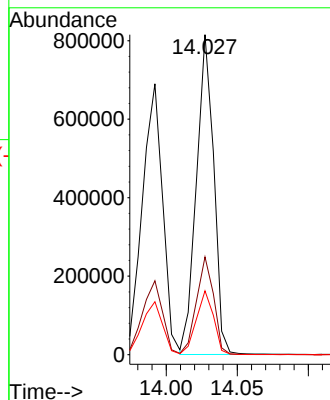
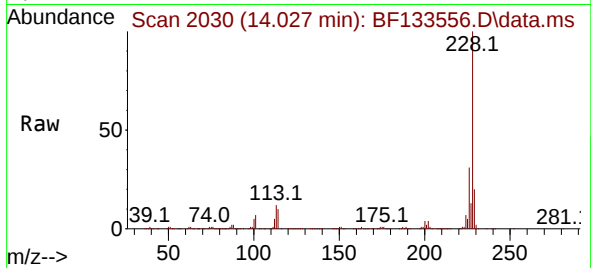




#83
Chrysene
Concen: 39.942 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

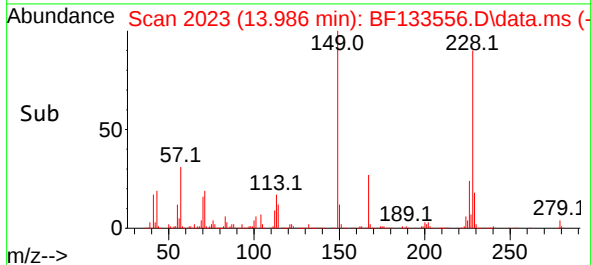
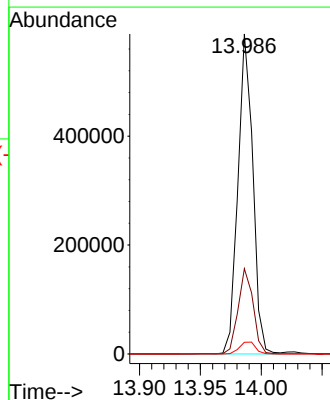
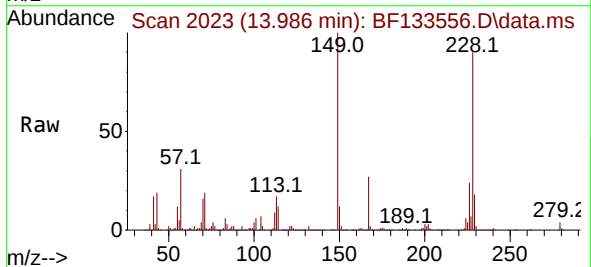
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

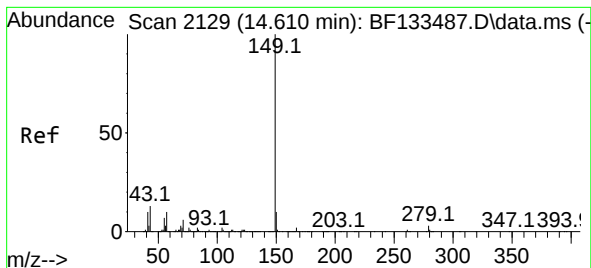
Tgt Ion:228 Resp: 692423
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.0 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.028 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:149 Resp: 499330
Ion Ratio Lower Upper
149 100
167 26.6 22.0 33.0
279 3.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.790 ng

RT: 14.604 min Scan# 2128

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

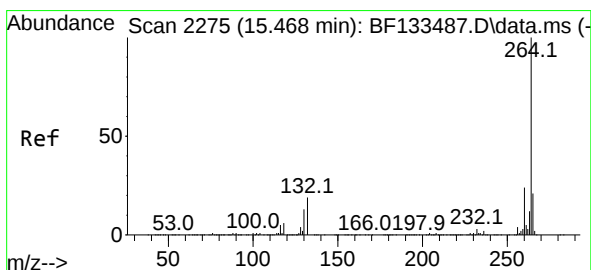
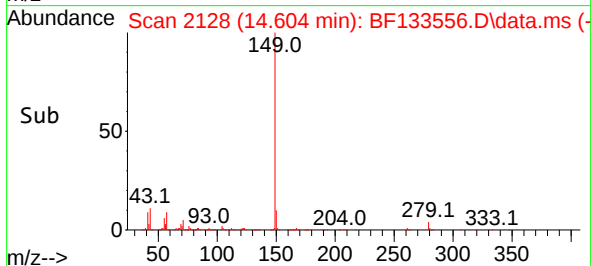
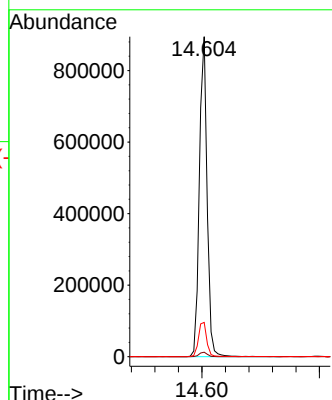
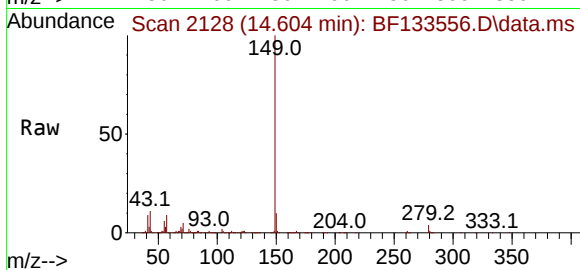
Tgt Ion:149 Resp: 809433

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.7 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF133556.D

Acq: 02 Jun 2023 11:49

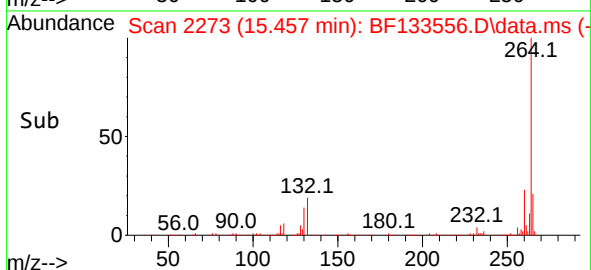
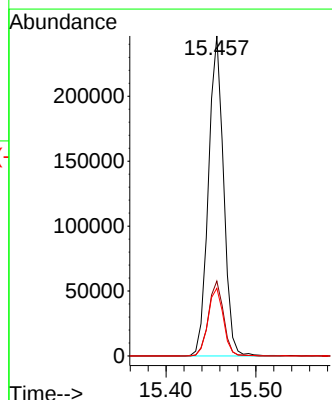
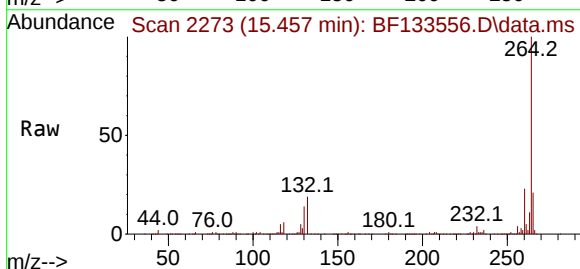
Tgt Ion:264 Resp: 288441

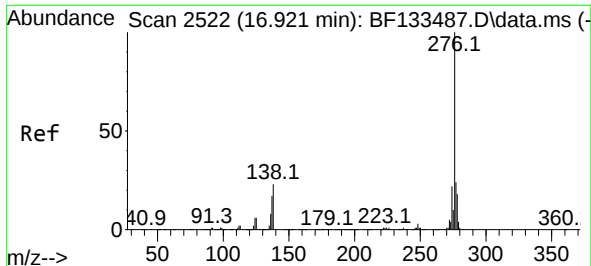
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.2 16.8 25.2

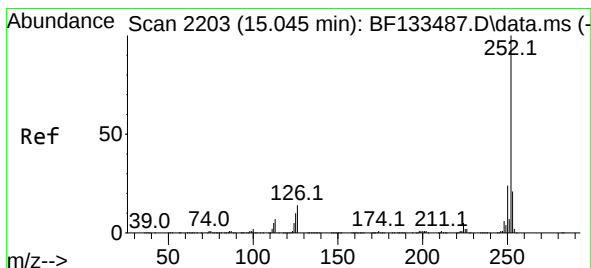
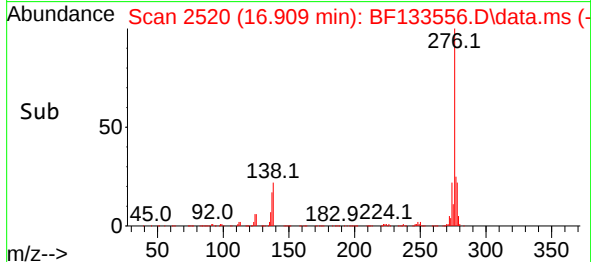
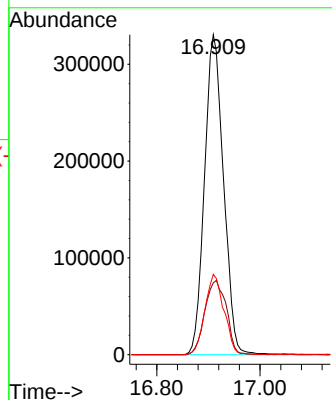
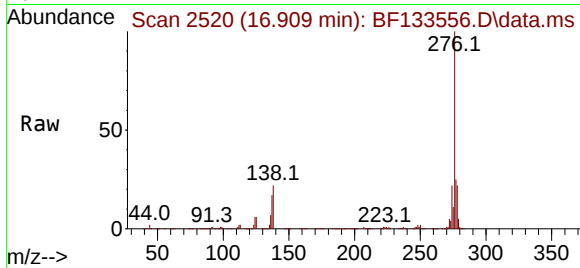




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.965 ng
RT: 16.909 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

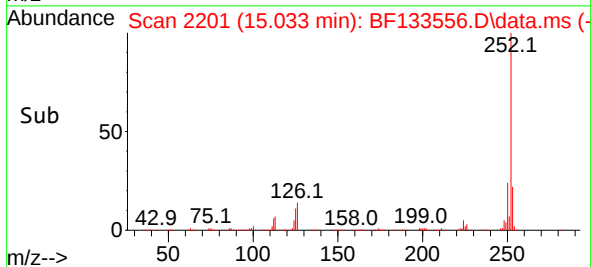
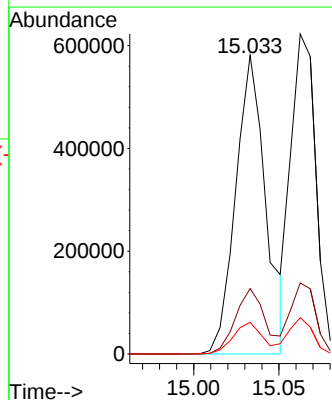
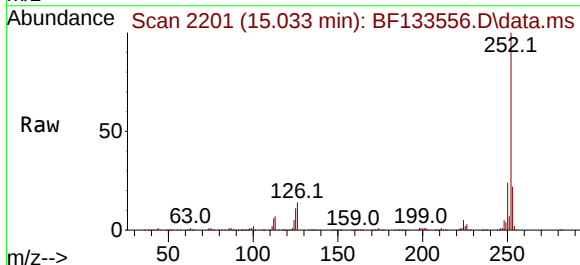
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

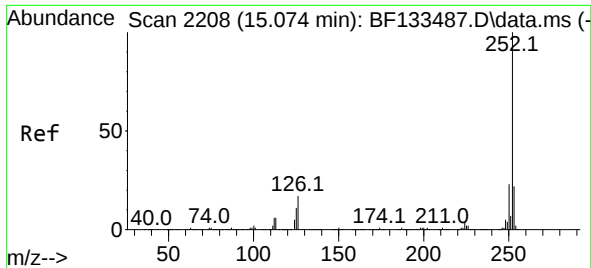
Tgt Ion:276 Resp: 844532
Ion Ratio Lower Upper
276 100
138 26.3 21.4 32.2
277 25.3 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 38.013 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:252 Resp: 713981
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.6 8.1 12.1

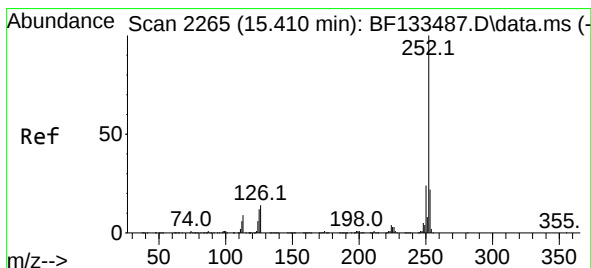
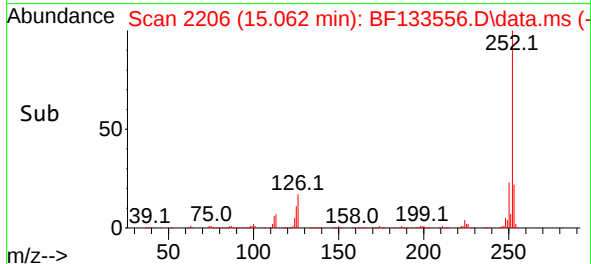
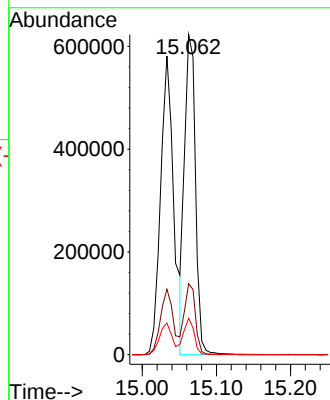
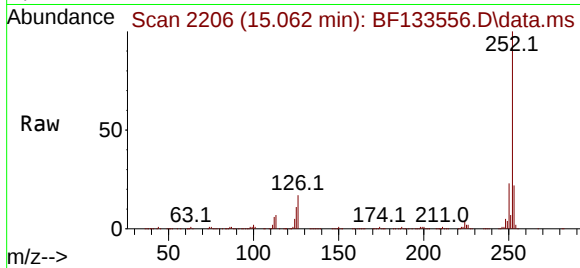




#89
Benzo(k)fluoranthene
Concen: 35.019 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

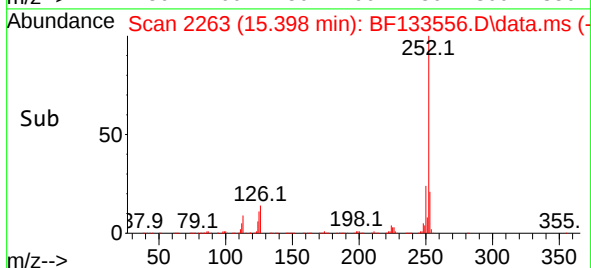
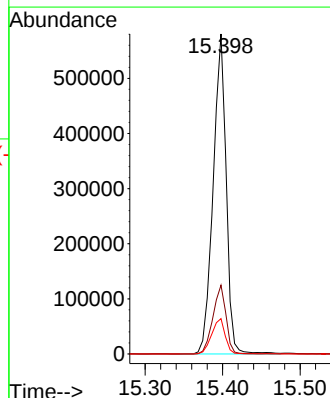
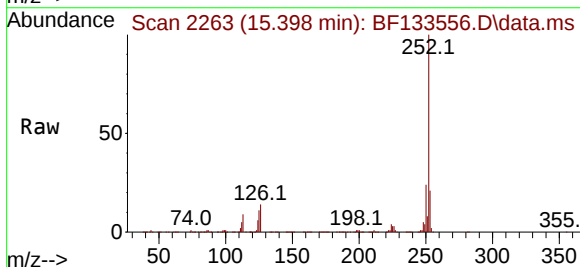
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

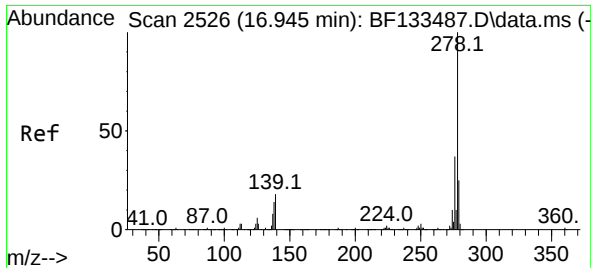
Tgt Ion:252 Resp: 641352
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 39.694 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:252 Resp: 678401
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 11.0 9.4 14.0

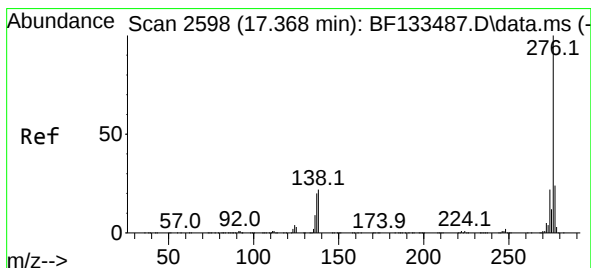
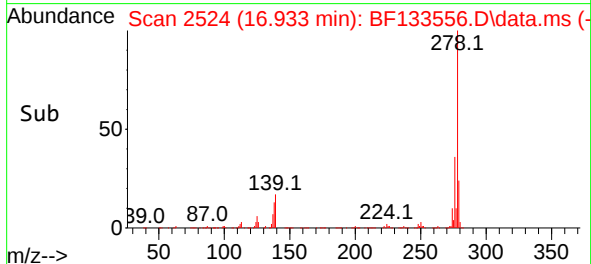
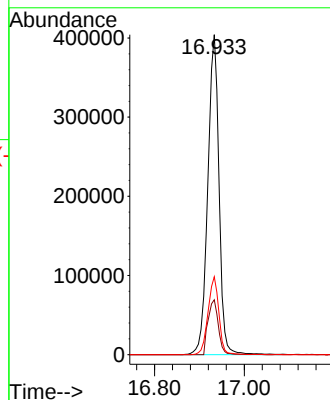
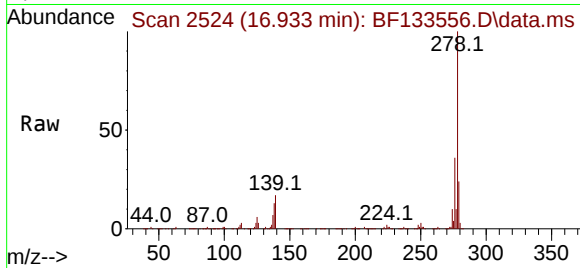




#91
Dibenzo(a,h)anthracene
Concen: 47.166 ng
RT: 16.933 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 702608
Ion Ratio Lower Upper
278 100
139 17.1 14.1 21.1
279 24.4 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 45.341 ng
RT: 17.356 min Scan# 2596
Delta R.T. 0.006 min
Lab File: BF133556.D
Acq: 02 Jun 2023 11:49

Tgt Ion:276 Resp: 681057
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 21.2 17.8 26.6

