

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135483.D
 Acq On : 27 Sep 2023 20:37
 Operator : CG\JU
 Sample : 04601-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Sep 28 01:53:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	162478	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	609639	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	283619	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	476244	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	244552	20.000	ng	0.00
86) Perylene-d12	15.410	264	331760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1090770	109.189	ng	0.02
7) Phenol-d6	6.410	99	1362426	107.256	ng	0.00
23) Nitrobenzene-d5	7.322	82	857851	76.449	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	251976	89.401	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1337284	71.137	ng	0.00
79) Terphenyl-d14	12.880	244	1012399	64.175	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	222283	50.758	ng	92
3) Pyridine	3.293	79	557251	47.279	ng	94
4) n-Nitrosodimethylamine	3.263	42	320076	51.175	ng	94
6) Aniline	6.422	93	520171	31.228	ng	# 25
8) 2-Chlorophenol	6.545	128	522569	49.003	ng	97
9) Benzaldehyde	6.310	77	126788	17.521	ng	95
10) Phenol	6.422	94	615411	44.182	ng	84
11) bis(2-Chloroethyl)ether	6.498	93	524007	50.153	ng	99
12) 1,3-Dichlorobenzene	6.693	146	518717	47.862	ng	99
13) 1,4-Dichlorobenzene	6.775	146	524363	47.555	ng	98
14) 1,2-Dichlorobenzene	6.922	146	493485	48.193	ng	98
15) Benzyl Alcohol	6.904	79	413679	45.383	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	949174	48.196	ng	87
17) 2-Methylphenol	7.022	107	416108	44.217	ng	96
18) Hexachloroethane	7.257	117	200214	49.142	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	334147	42.469	ng	97
20) 3+4-Methylphenols	7.175	107	471986	41.710	ng	# 86
22) Acetophenone	7.169	105	652425	46.809	ng	# 95
24) Nitrobenzene	7.340	77	550841	49.666	ng	99
25) Isophorone	7.581	82	1010944	49.063	ng	98
26) 2-Nitrophenol	7.657	139	274649	51.596	ng	97
27) 2,4-Dimethylphenol	7.698	122	404249	45.180	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	631396	51.197	ng	100
29) 2,4-Dichlorophenol	7.904	162	394892	47.630	ng	97
30) 1,2,4-Trichlorobenzene	7.975	180	422312	48.733	ng	99
31) Naphthalene	8.057	128	1410382	47.615	ng	99
32) Benzoic acid	7.845	122	286575	42.534	ng	99
33) 4-Chloroaniline	8.110	127	325561	25.051	ng	98
34) Hexachlorobutadiene	8.169	225	238359	45.616	ng	99
35) Caprolactam	8.492	113	92703	33.316	ng	94
36) 4-Chloro-3-methylphenol	8.610	107	435499	47.262	ng	94
37) 2-Methylnaphthalene	8.751	142	868311	43.610	ng	98
38) 1-Methylnaphthalene	8.851	142	832217	44.644	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	405448	49.344	ng	99
41) Hexachlorocyclopentadiene	8.898	237	206273	59.099	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	258712	48.089	ng	100

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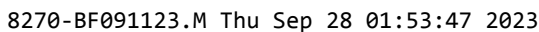
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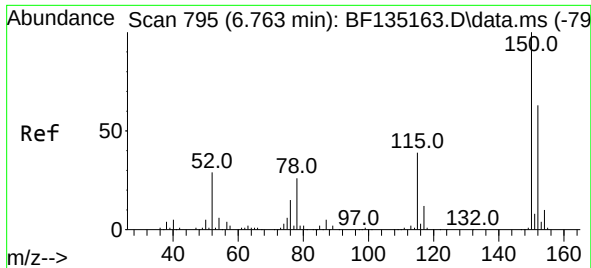
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	271053	43.750	ng	96
46) 1,1'-Biphenyl	9.216	154	1056703	48.482	ng	98
47) 2-Chloronaphthalene	9.239	162	800559	50.623	ng	99
48) 2-Nitroaniline	9.345	65	307211	50.004	ng	97
49) Acenaphthylene	9.657	152	1281514	48.761	ng	100
50) Dimethylphthalate	9.522	163	917378	47.841	ng	100
51) 2,6-Dinitrotoluene	9.592	165	200722	47.783	ng	87
52) Acenaphthene	9.828	154	744829	47.974	ng	97
53) 3-Nitroaniline	9.757	138	165845	33.634	ng	97
54) 2,4-Dinitrophenol	9.881	184	155242	66.262	ng	90
55) Dibenzofuran	10.004	168	1040210	43.905	ng	99
56) 4-Nitrophenol	9.939	139	234315	74.769	ng	97
57) 2,4-Dinitrotoluene	9.998	165	222036	42.221	ng #	78
58) Fluorene	10.345	166	814508	44.720	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	207136	43.463	ng	98
60) Diethylphthalate	10.222	149	895406	46.528	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	379081	43.327	ng	93
62) 4-Nitroaniline	10.381	138	199566	42.104	ng	96
63) Azobenzene	10.498	77	913193	48.486	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	111530	44.092	ng	94
66) n-Nitrosodiphenylamine	10.463	169	752809	52.213	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	238589	50.371	ng	97
68) Hexachlorobenzene	10.892	284	244831	50.737	ng #	87
69) Atrazine	10.992	200	221481	57.090	ng	98
70) Pentachlorophenol	11.098	266	181998	63.038	ng	96
71) Phenanthrene	11.310	178	1116028	49.548	ng	99
72) Anthracene	11.363	178	1139275	49.207	ng	100
73) Carbazole	11.528	167	1013142	48.070	ng	98
74) Di-n-butylphthalate	11.851	149	1283291	51.672	ng	99
75) Fluoranthene	12.504	202	1056323	45.007	ng	99
77) Benzidine	12.633	184	422035	84.237	ng	98
78) Pyrene	12.733	202	1052174	45.190	ng	99
80) Butylbenzylphthalate	13.357	149	413974	50.499	ng	93
81) Benzo(a)anthracene	13.933	228	811303	51.376	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	239204	48.496	ng #	98
83) Chrysene	13.969	228	797930	50.823	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	524687	62.372	ng #	99
85) Di-n-octyl phthalate	14.539	149	972795	72.767	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	908630	41.772	ng	96
88) Benzo(b)fluoranthene	14.986	252	974428	54.257	ng #	97
89) Benzo(k)fluoranthene	15.016	252	758875	42.776	ng #	98
90) Benzo(a)pyrene	15.351	252	823458	48.080	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	742073	41.694	ng	100
92) Benzo(g,h,i)perylene	17.351	276	702784	37.809	ng	96

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

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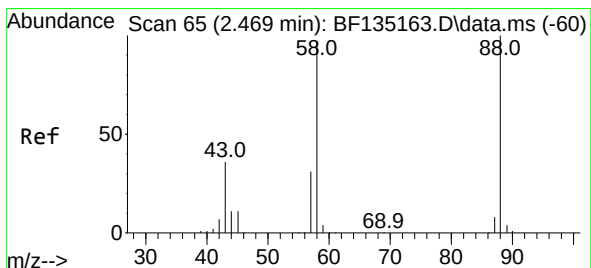
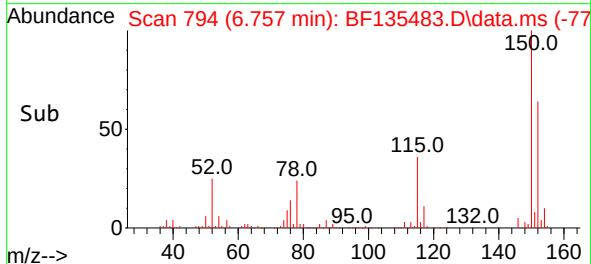
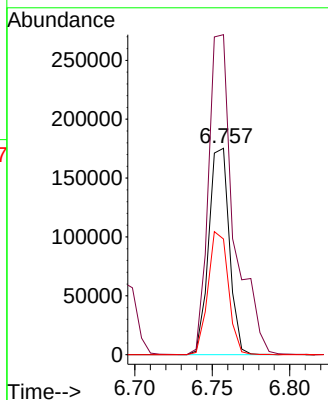
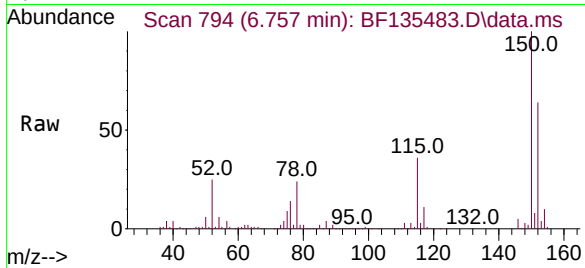




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF135483.D
 Acq: 27 Sep 2023 20:37

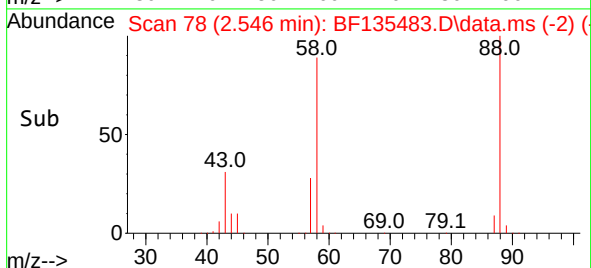
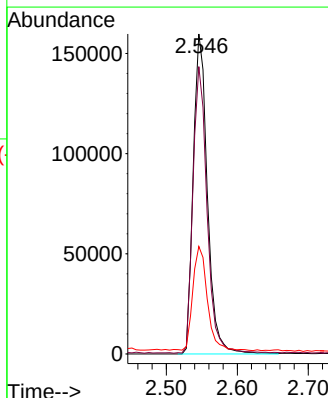
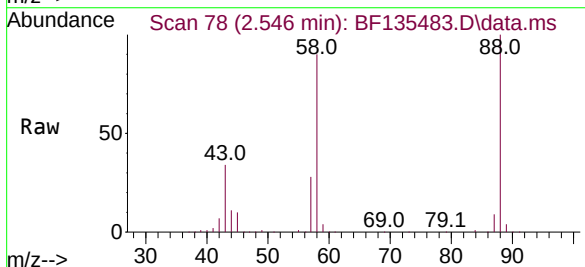
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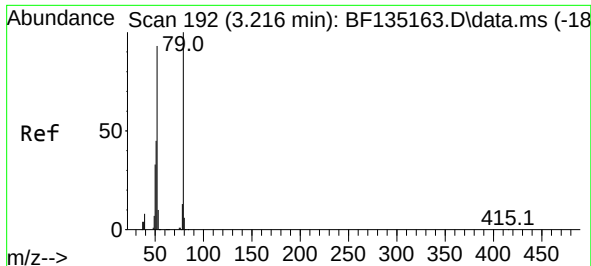
Tgt Ion:152 Resp: 162478
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.8 191.6
 115 56.0 49.8 74.8



#2
 1,4-Dioxane
 Concen: 50.758 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.094 min
 Lab File: BF135483.D
 Acq: 27 Sep 2023 20:37

Tgt Ion: 88 Resp: 222283
 Ion Ratio Lower Upper
 88 100
 58 89.3 78.3 117.5
 43 33.3 29.4 44.0

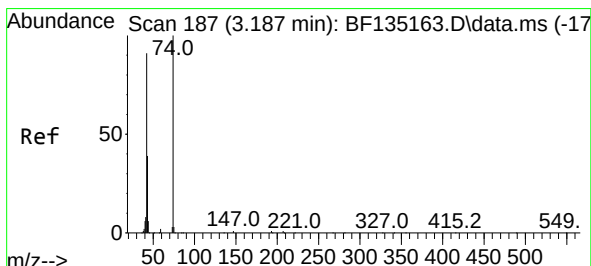
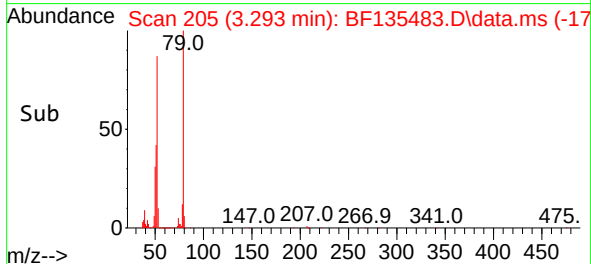
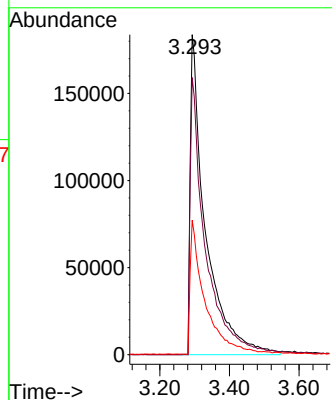
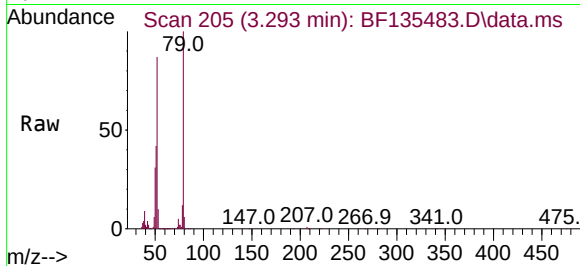




#3
Pyridine
Concen: 47.279 ng
RT: 3.293 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

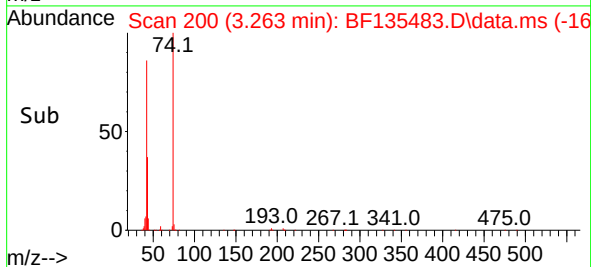
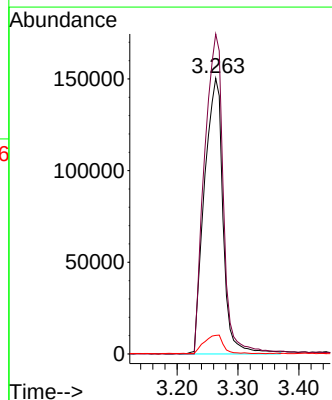
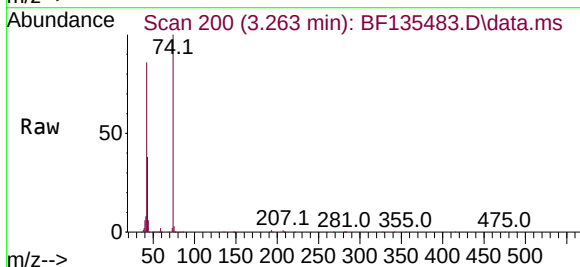
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BNA_F
ClientSampleId :
TP-1MSD

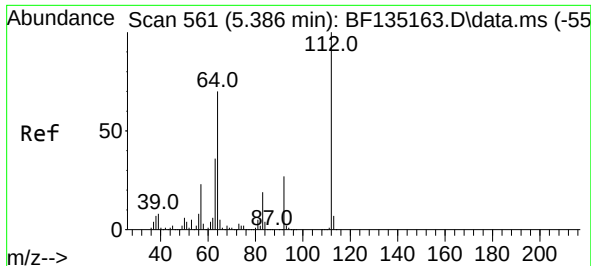
Tgt Ion: 79 Resp: 557251
Ion Ratio Lower Upper
79 100
52 86.6 74.1 111.1
51 42.0 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 51.175 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.094 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion: 42 Resp: 320076
Ion Ratio Lower Upper
42 100
74 116.1 87.7 131.5
44 6.7 5.6 8.4

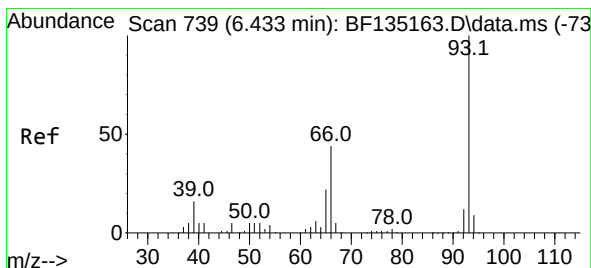
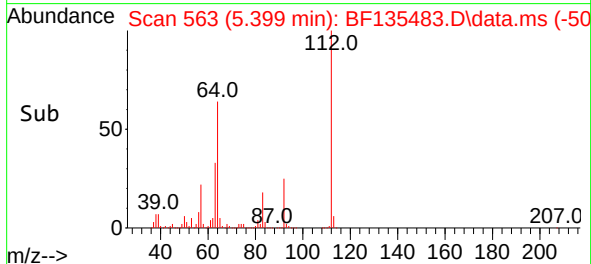
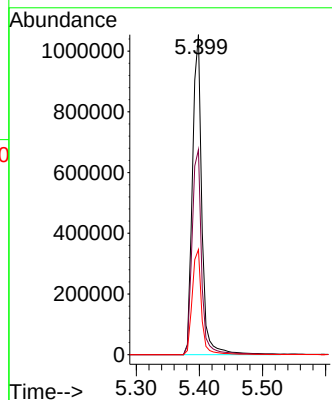
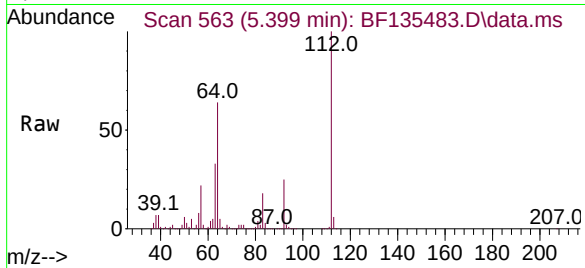




#5
2-Fluorophenol
Concen: 109.189 ng
RT: 5.399 min Scan# 509
Delta R.T. 0.018 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

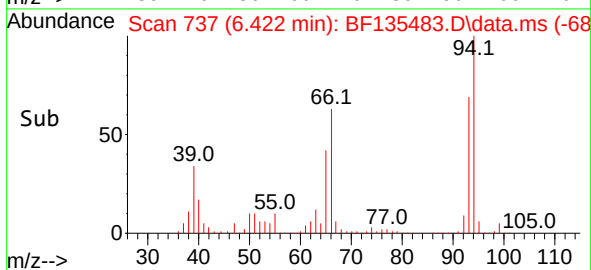
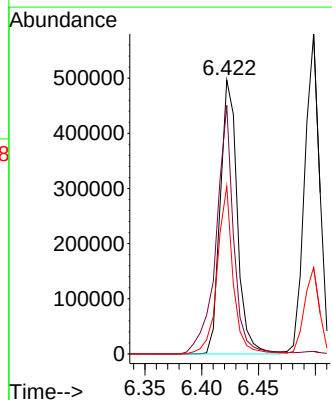
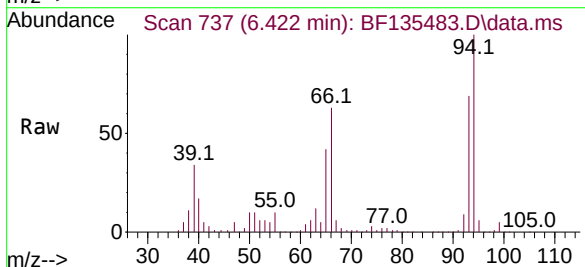
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BNA_F
ClientSampleId :
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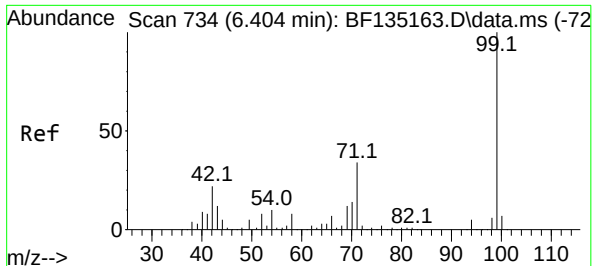
Tgt Ion:112 Resp: 1090770
Ion Ratio Lower Upper
112 100
64 64.1 55.9 83.9
63 32.9 29.0 43.6



#6
Aniline
Concen: 31.228 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion: 93 Resp: 520171
Ion Ratio Lower Upper
93 100
66 90.7 35.4 53.0#
65 61.3 17.8 26.8#

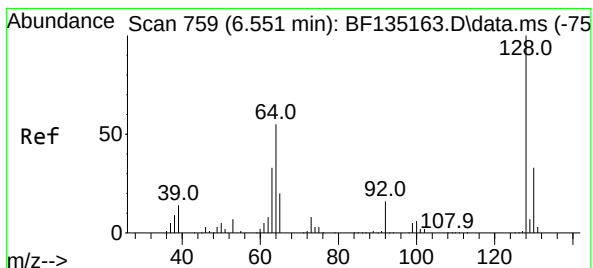
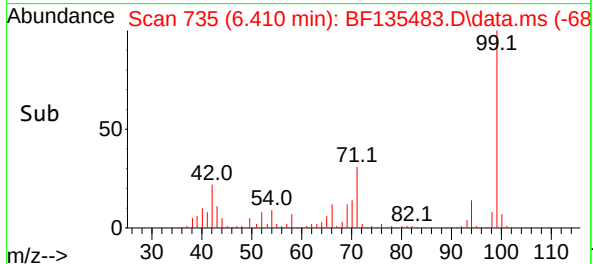
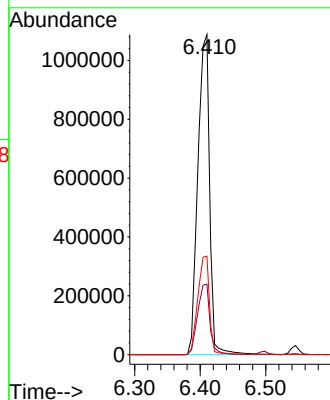
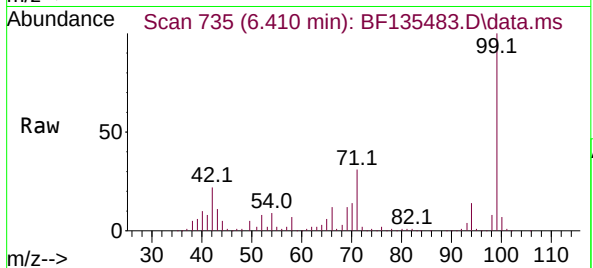




#7
Phenol-d6
Concen: 107.256 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

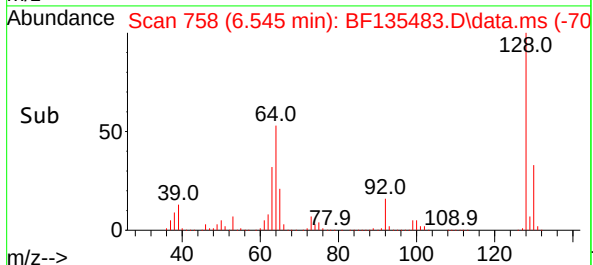
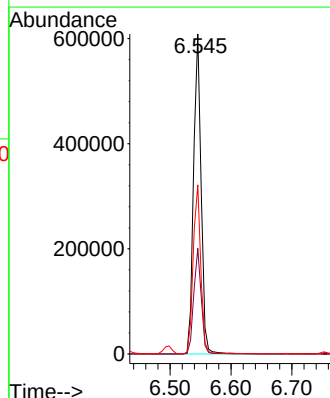
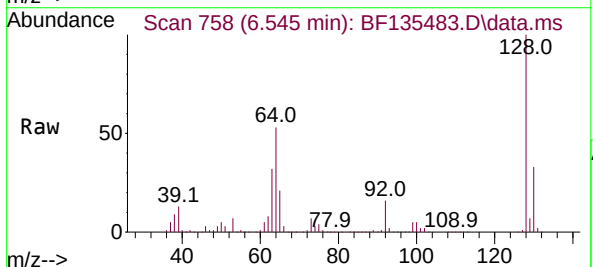
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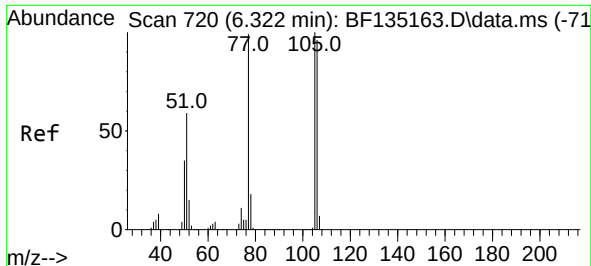
Tgt Ion: 99 Resp: 1362426
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 30.8 27.0 40.6



#8
2-Chlorophenol
Concen: 49.003 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:128 Resp: 522569
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 52.8 35.9 75.9

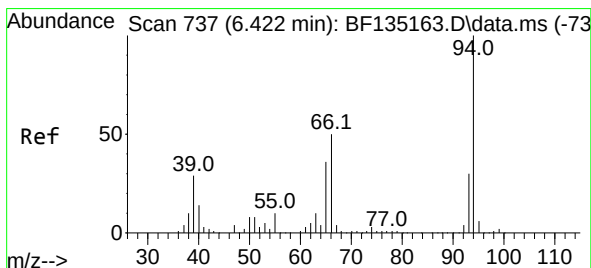
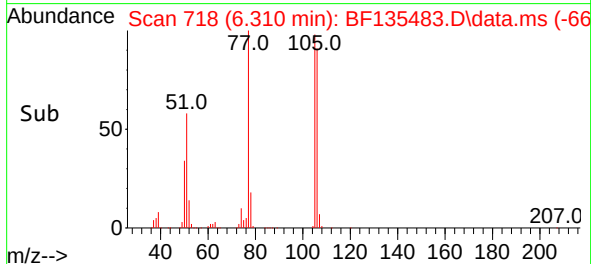
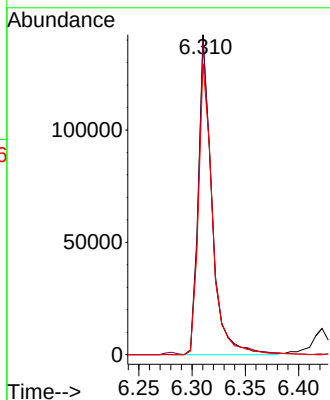
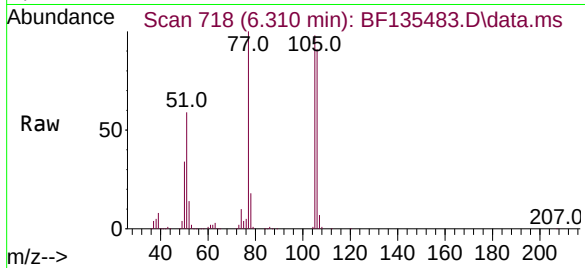




#9
Benzaldehyde
Concen: 17.521 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

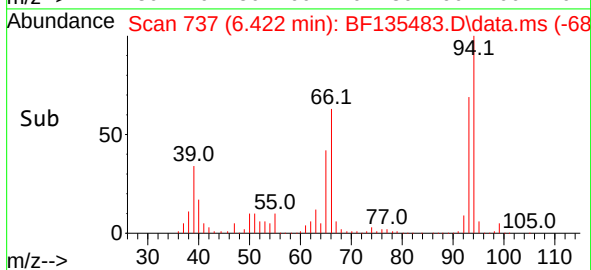
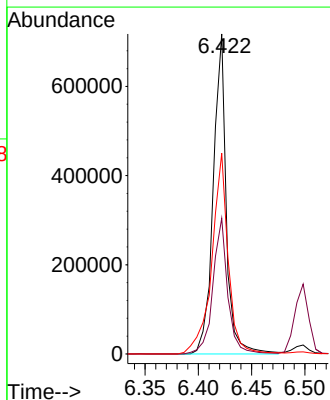
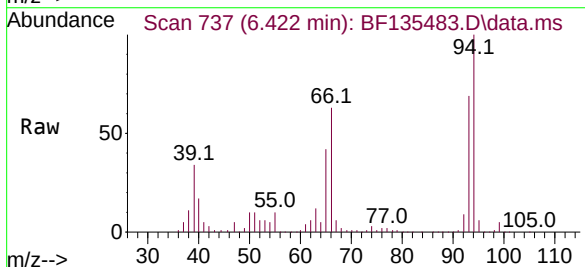
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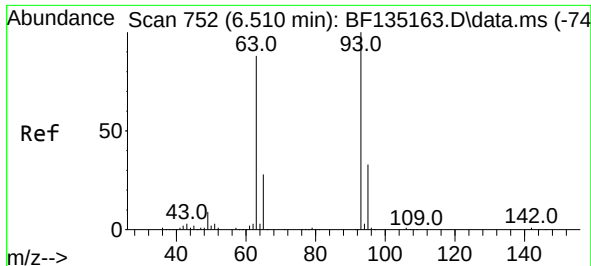
Tgt Ion: 77 Resp: 126788
Ion Ratio Lower Upper
77 100
105 98.0 81.4 121.4
106 91.0 76.9 116.9



#10
Phenol
Concen: 44.182 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF135483.D
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Tgt Ion: 94 Resp: 615411
Ion Ratio Lower Upper
94 100
65 42.4 15.9 55.9
66 62.7 29.8 69.8

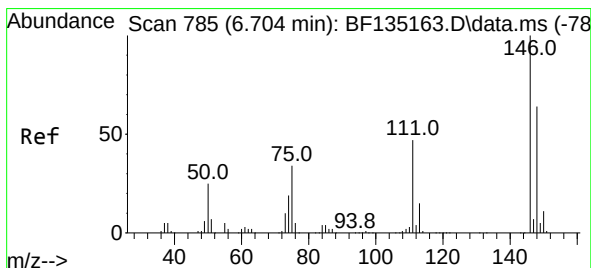
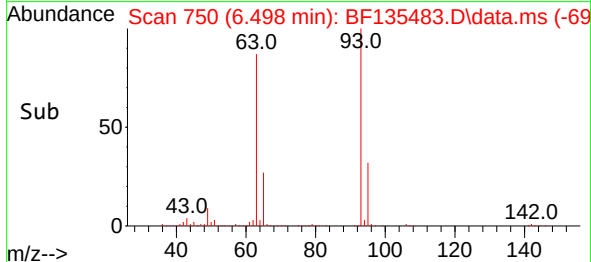
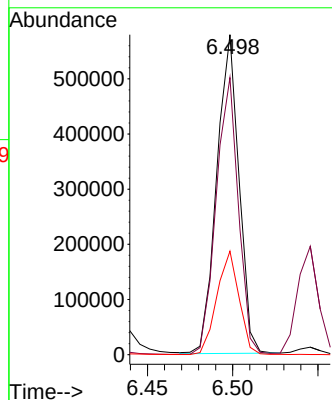
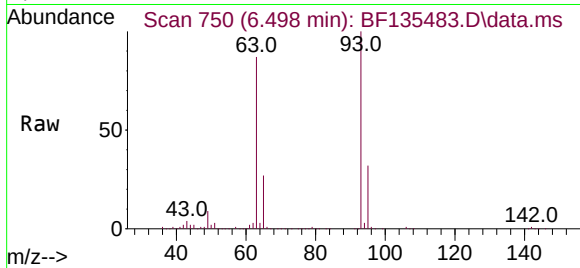




#11
bis(2-Chloroethyl)ether
Concen: 50.153 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

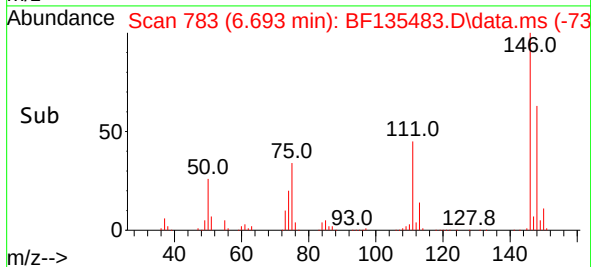
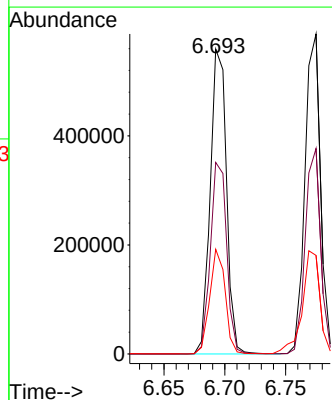
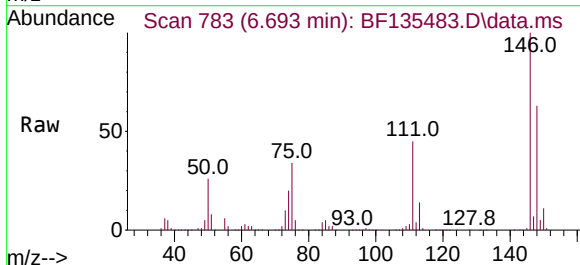
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

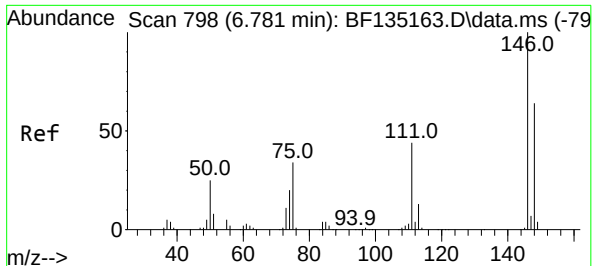
Tgt Ion: 93 Resp: 524007
Ion Ratio Lower Upper
93 100
63 86.6 67.3 107.3
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.862 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:146 Resp: 518717
Ion Ratio Lower Upper
146 100
148 62.8 51.3 76.9
75 34.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.555 ng

RT: 6.775 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

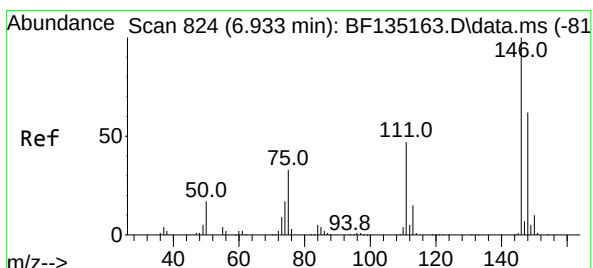
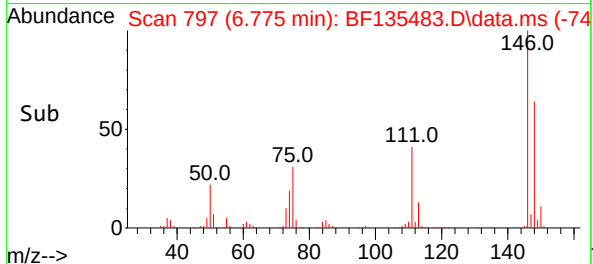
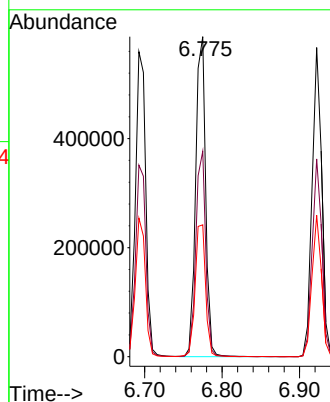
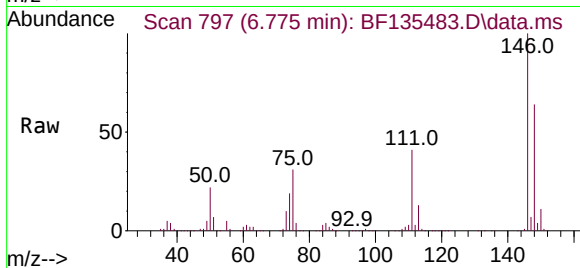
Tgt Ion:146 Resp: 524363

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

111 41.2 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 48.193 ng

RT: 6.922 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

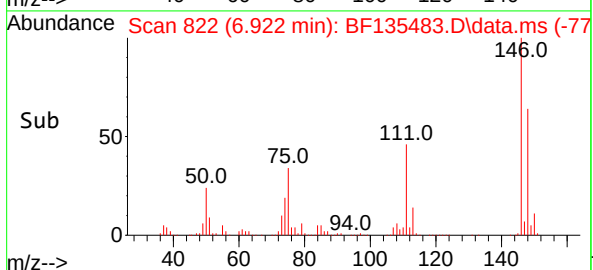
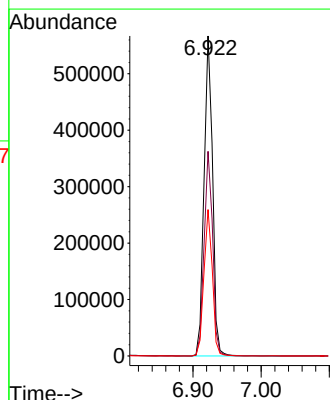
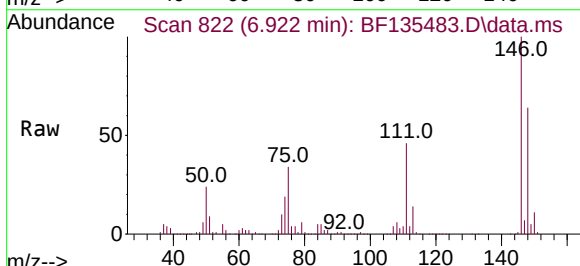
Tgt Ion:146 Resp: 493485

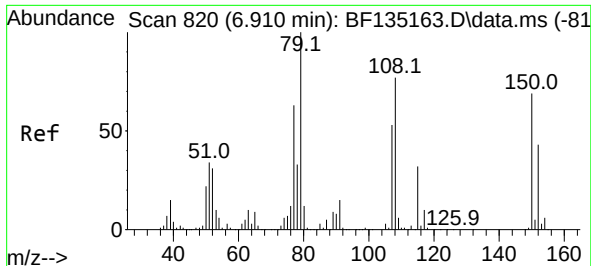
Ion Ratio Lower Upper

146 100

148 64.0 49.7 74.5

111 45.8 37.4 56.2

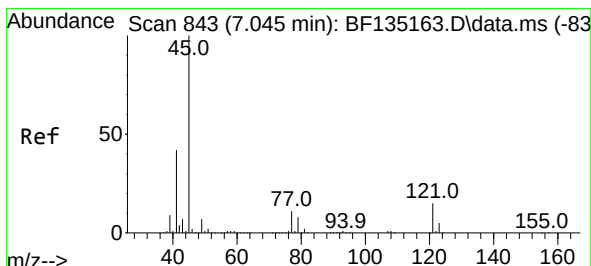
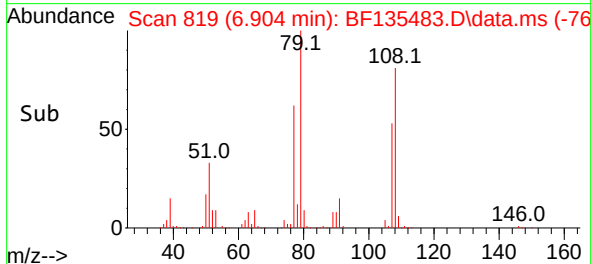
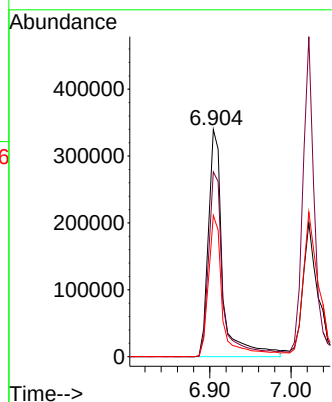
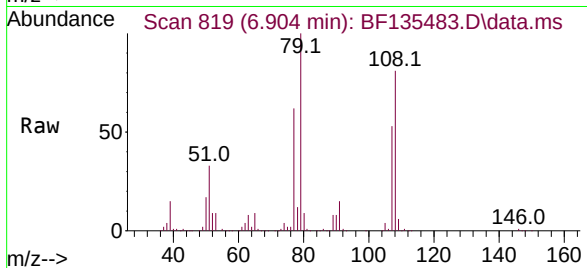




#15
Benzyl Alcohol
Concen: 45.383 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

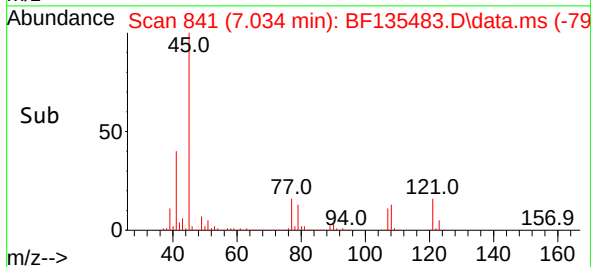
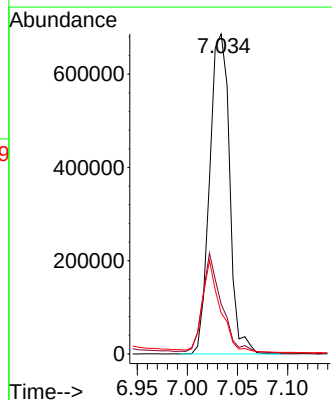
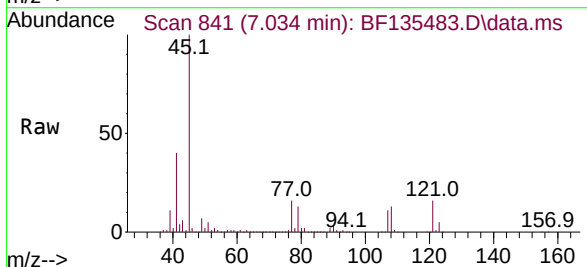
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

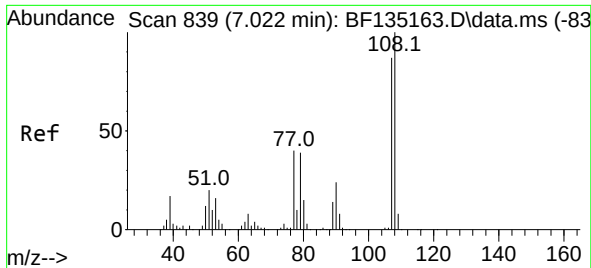
Tgt Ion: 79 Resp: 413679
Ion Ratio Lower Upper
79 100
108 81.3 61.2 91.8
77 62.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.196 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion: 45 Resp: 949174
Ion Ratio Lower Upper
45 100
77 15.6 0.0 30.6
79 12.8 0.0 28.3

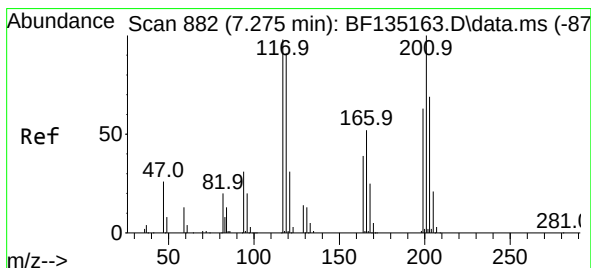
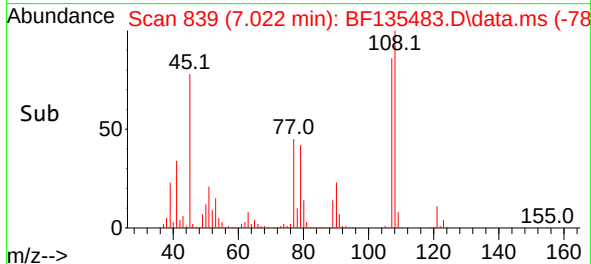
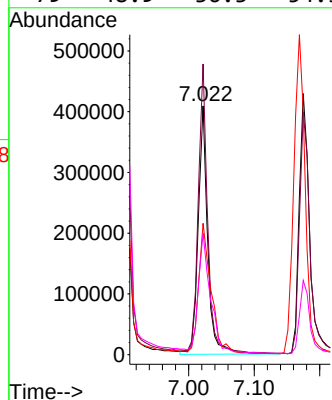
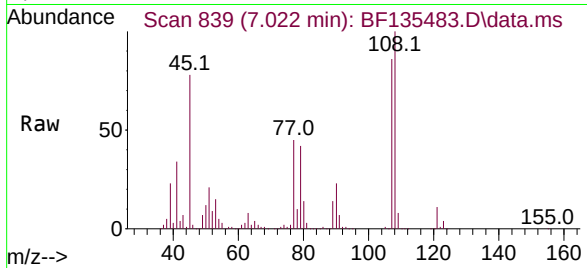




#17
2-Methylphenol
Concen: 44.217 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

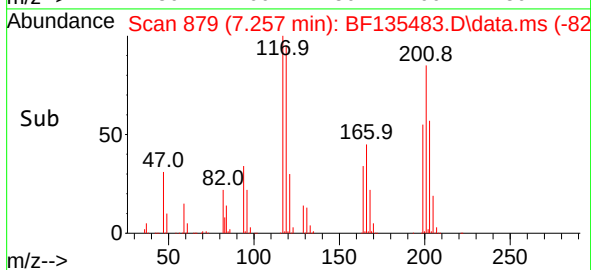
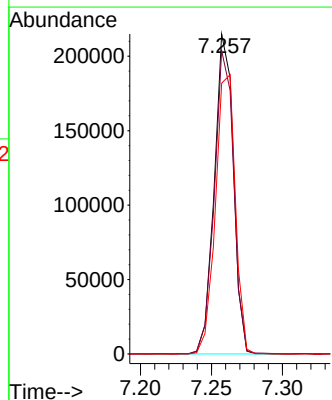
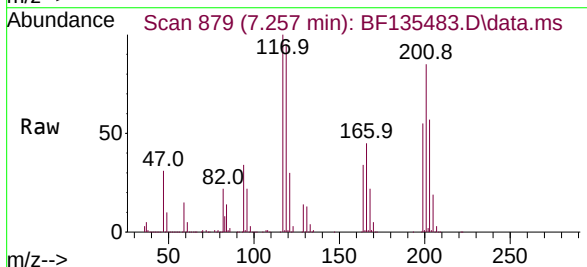
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

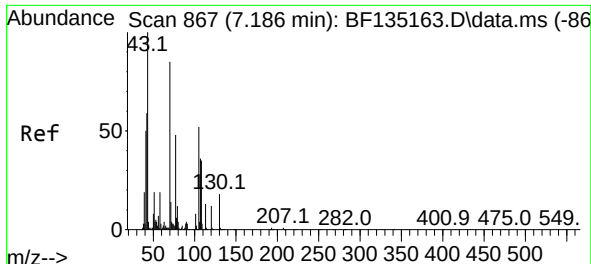
Tgt Ion:107 Resp: 416108
Ion Ratio Lower Upper
107 100
108 116.8 92.0 138.0
77 52.8 36.7 55.1
79 48.9 36.3 54.5



#18
Hexachloroethane
Concen: 49.142 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:117 Resp: 200214
Ion Ratio Lower Upper
117 100
119 94.8 74.7 112.1
201 84.6 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.469 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 70 Resp: 334147

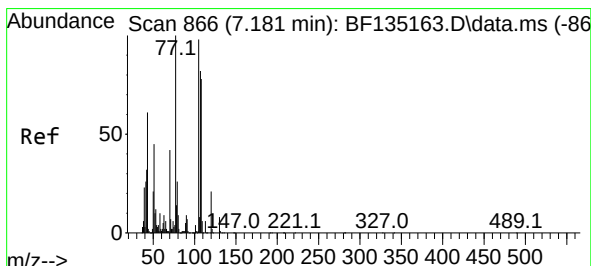
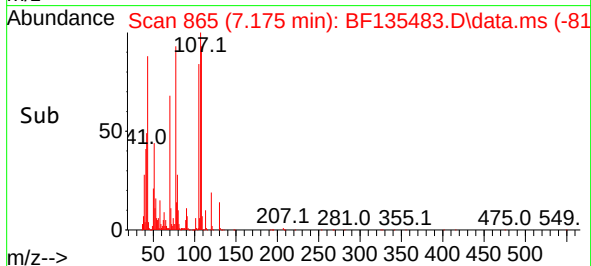
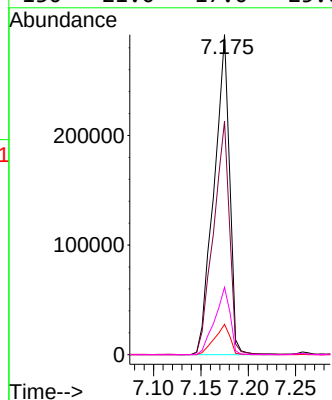
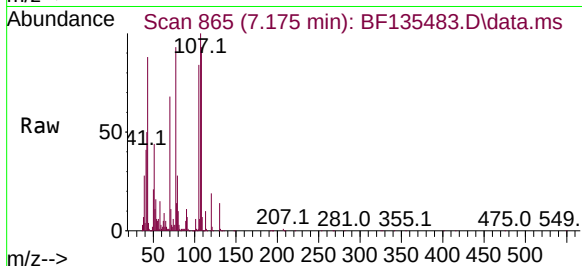
Ion Ratio Lower Upper

70 100

42 72.9 55.4 83.0

101 9.5 7.7 11.5

130 21.0 17.0 25.6



#20

3+4-Methylphenols

Concen: 41.710 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Tgt Ion: 107 Resp: 471986

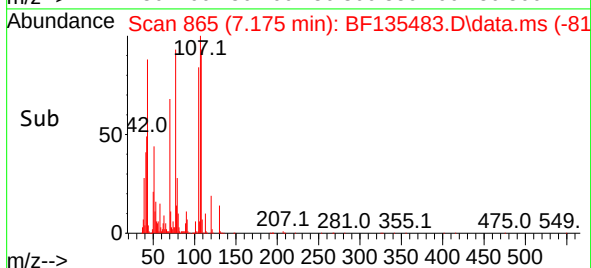
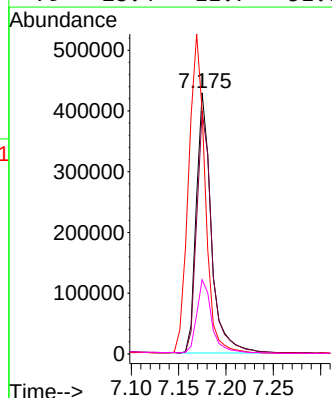
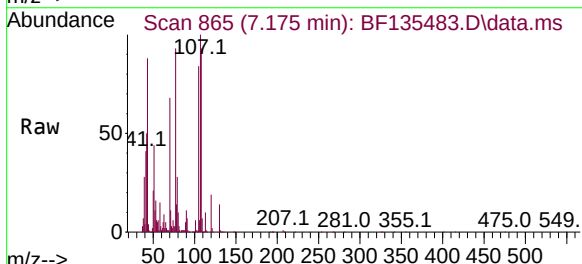
Ion Ratio Lower Upper

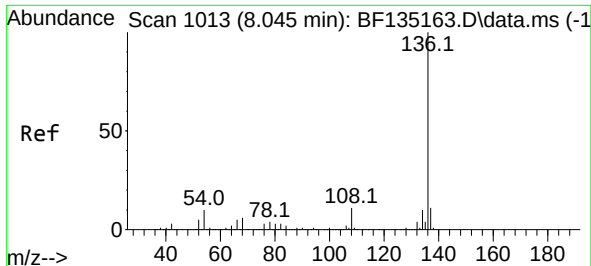
107 100

108 93.0 74.7 114.7

77 93.1 102.0 142.0#

79 28.4 11.7 51.7

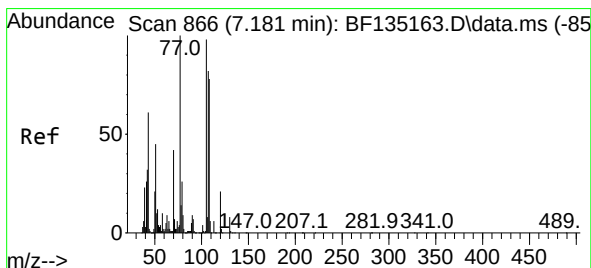
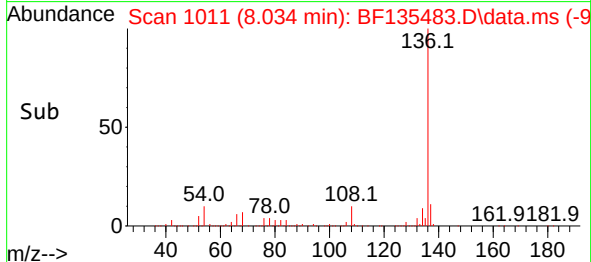
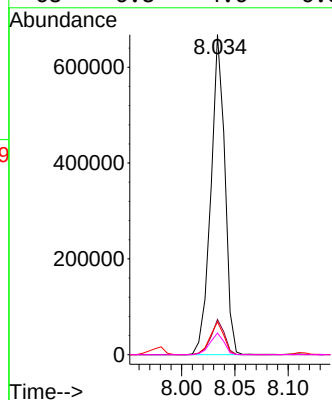
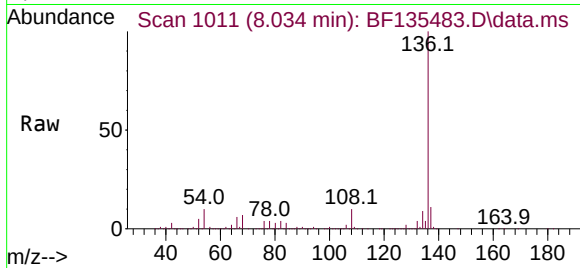




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

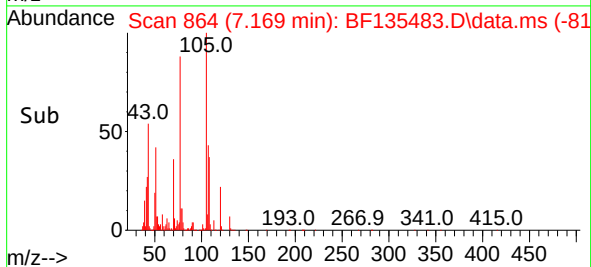
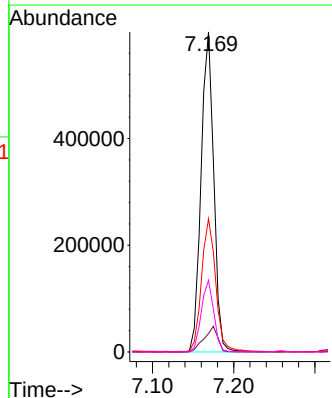
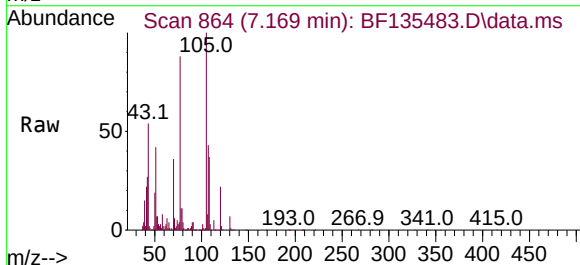
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

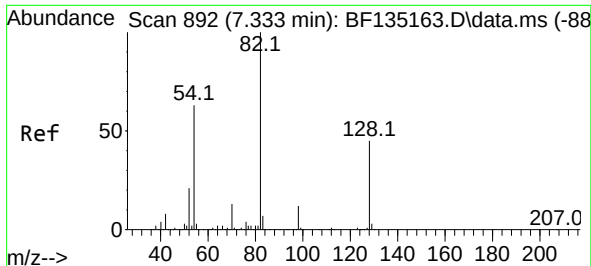
Tgt Ion:136 Resp: 609639
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.3 7.7 11.5
68 6.8 4.6 6.8



#22
Acetophenone
Concen: 46.809 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:105 Resp: 652425
Ion Ratio Lower Upper
105 100
71 5.7 5.8 8.6#
51 41.6 37.0 55.4
120 22.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 76.449 ng

RT: 7.322 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

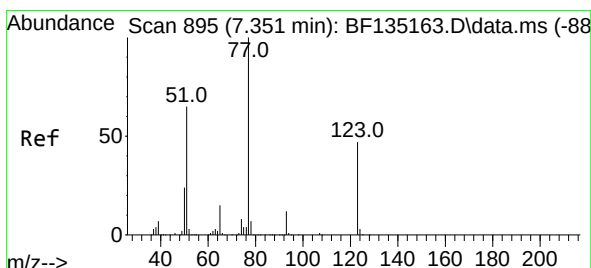
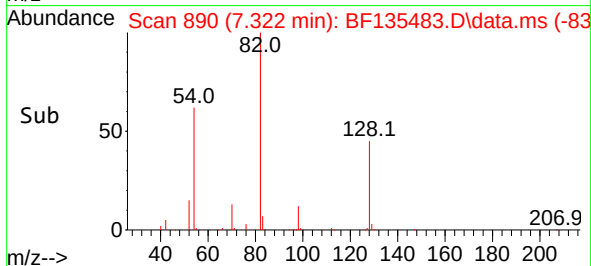
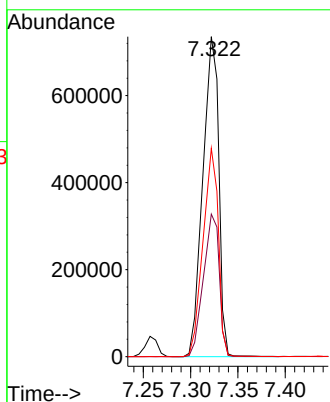
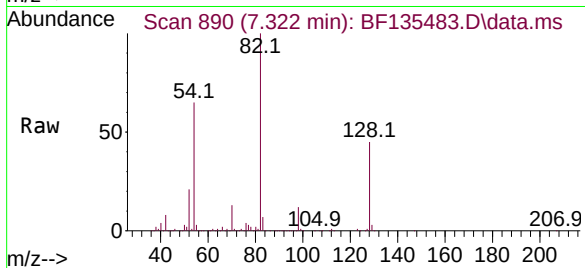
Tgt Ion: 82 Resp: 857851

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 65.1 50.6 76.0



#24

Nitrobenzene

Concen: 49.666 ng

RT: 7.340 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

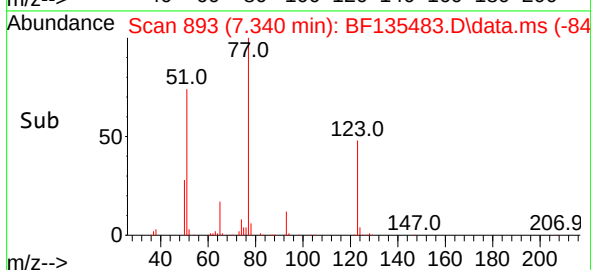
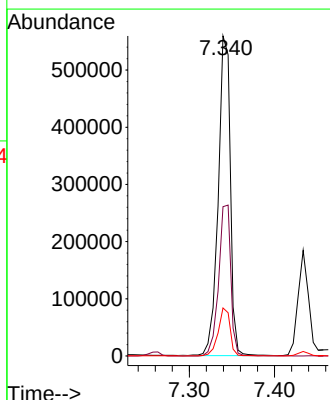
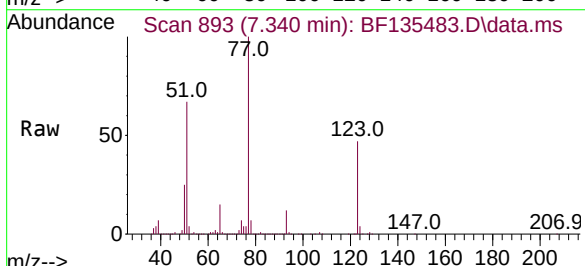
Tgt Ion: 77 Resp: 550841

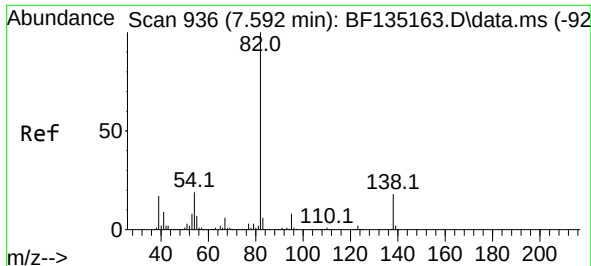
Ion Ratio Lower Upper

77 100

123 46.7 37.6 56.4

65 15.0 12.2 18.4

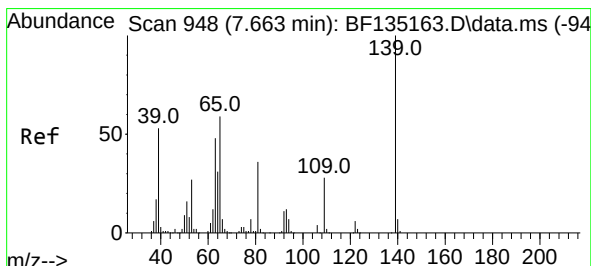
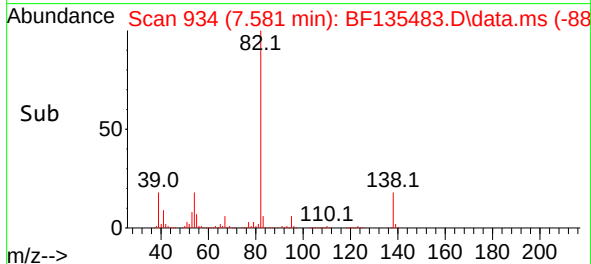
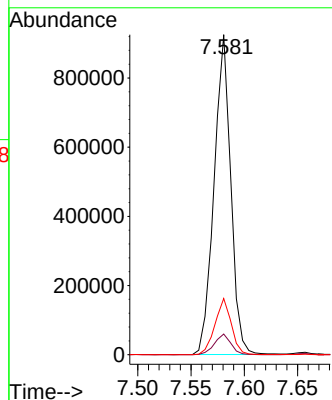
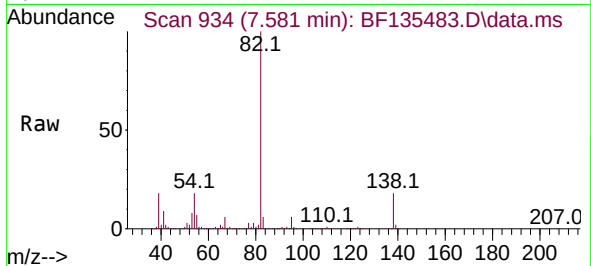




#25
Isophorone
Concen: 49.063 ng
RT: 7.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

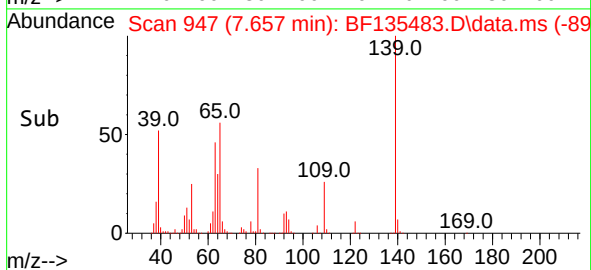
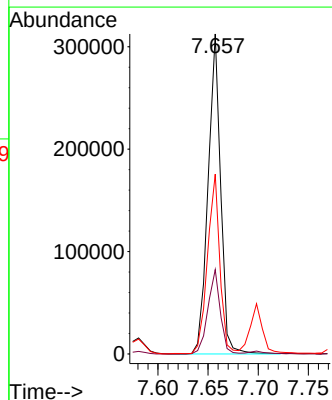
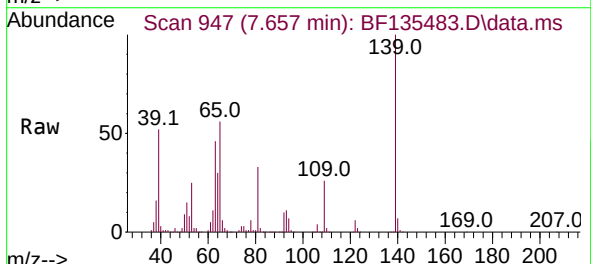
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

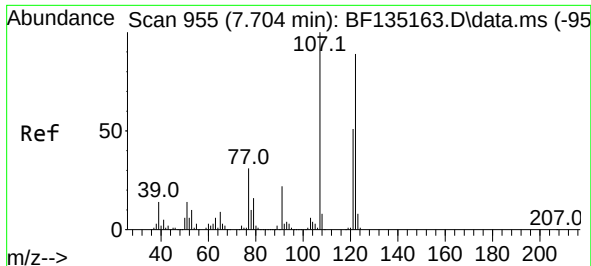
Tgt Ion: 82 Resp: 1010944
Ion Ratio Lower Upper
82 100
95 6.5 6.0 9.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 51.596 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:139 Resp: 274649
Ion Ratio Lower Upper
139 100
109 26.4 22.6 33.8
65 56.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.180 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135483.D

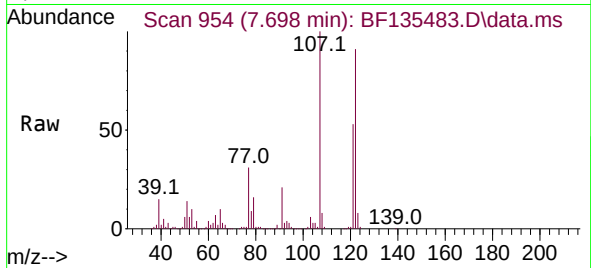
Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



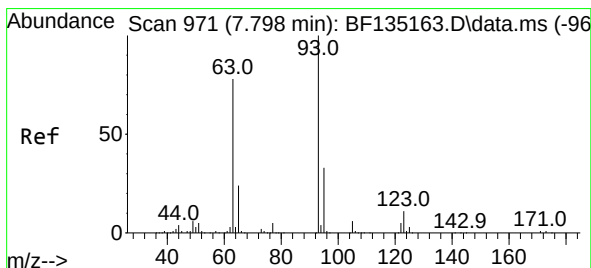
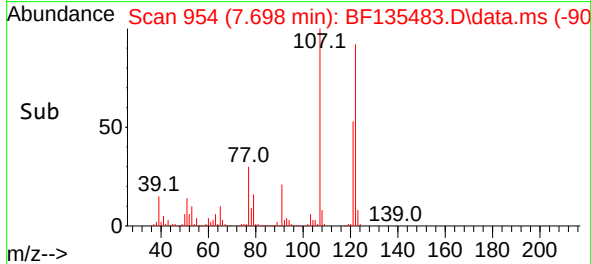
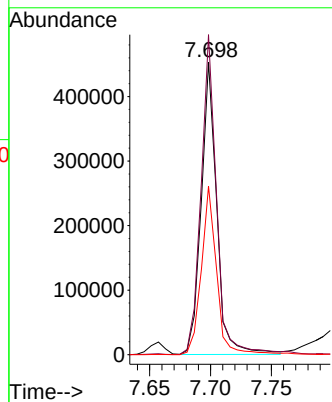
Tgt Ion:122 Resp: 404249

Ion Ratio Lower Upper

122 100

107 109.4 90.2 135.4

121 57.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 51.197 ng

RT: 7.792 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

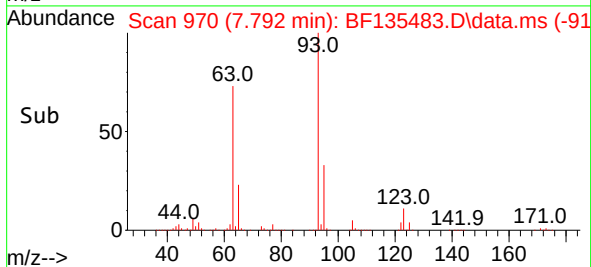
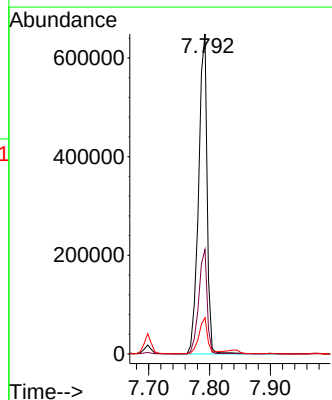
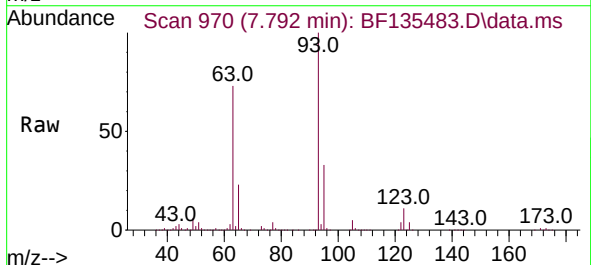
Tgt Ion: 93 Resp: 631396

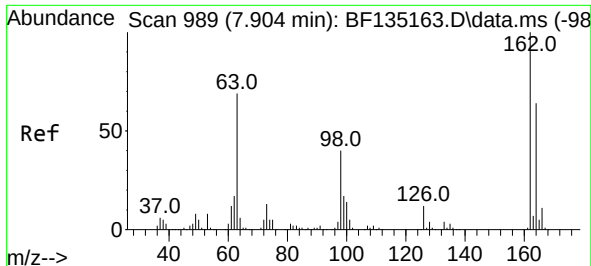
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.4 8.8 13.2

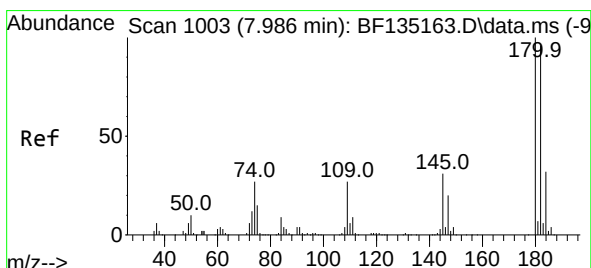
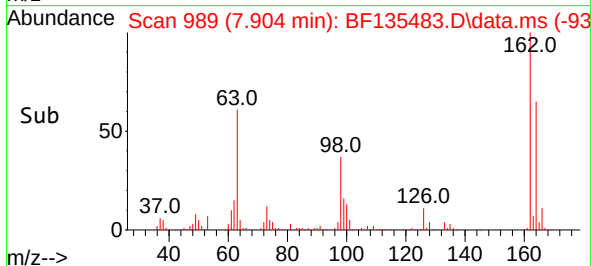
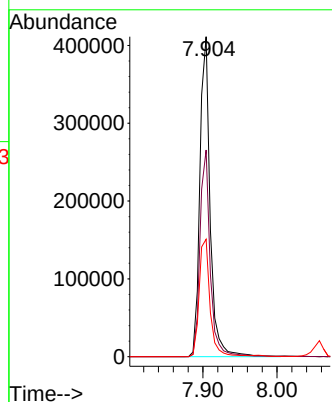
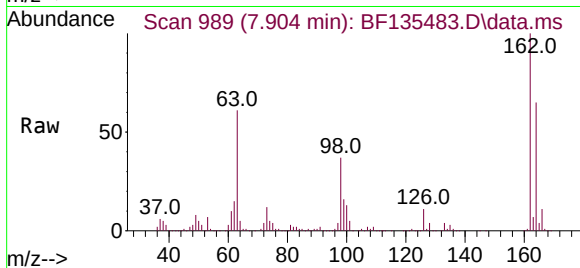




#29
2,4-Dichlorophenol
Concen: 47.630 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

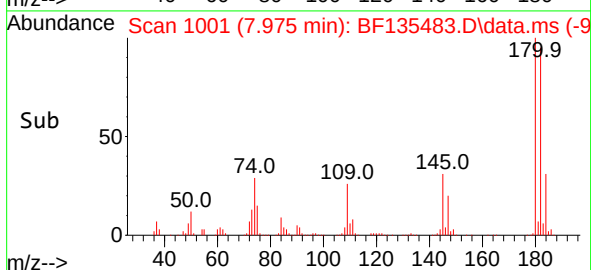
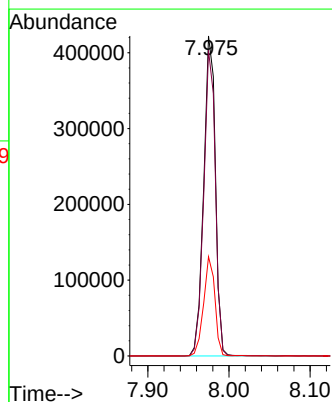
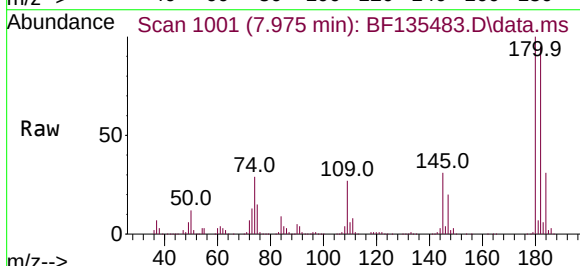
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

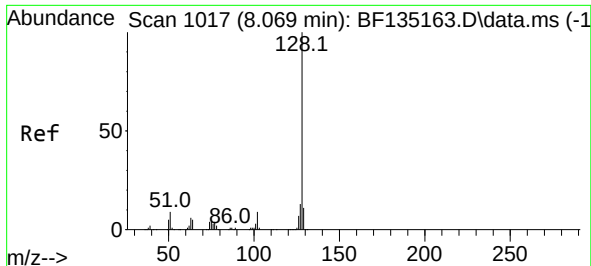
Tgt Ion:162 Resp: 394892
Ion Ratio Lower Upper
162 100
164 64.6 44.1 84.1
98 36.7 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 48.733 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:180 Resp: 422312
Ion Ratio Lower Upper
180 100
182 95.5 76.9 115.3
145 31.0 24.5 36.7

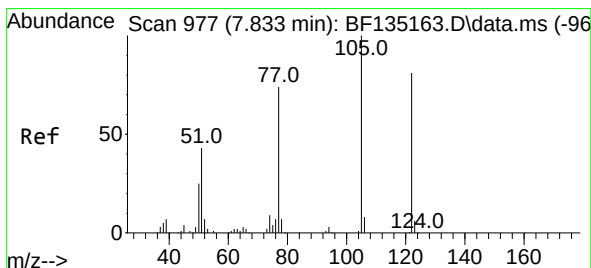
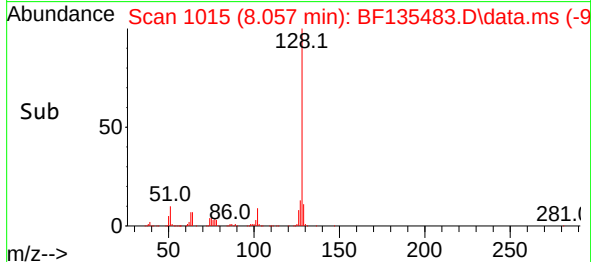
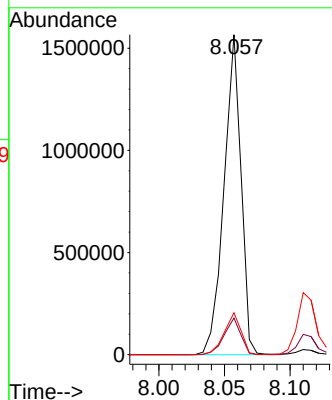
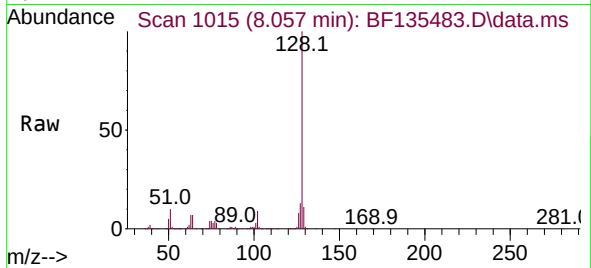




#31
Naphthalene
Concen: 47.615 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

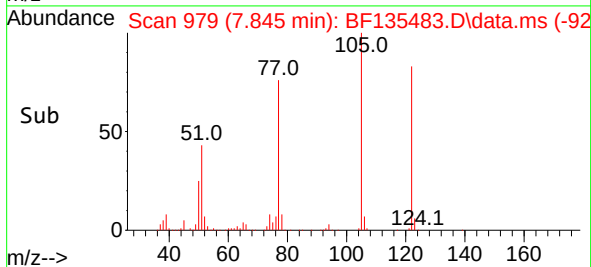
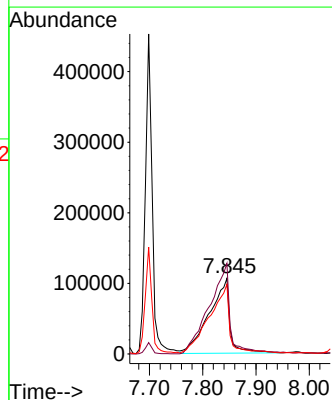
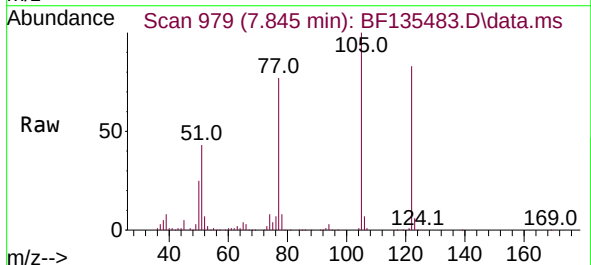
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

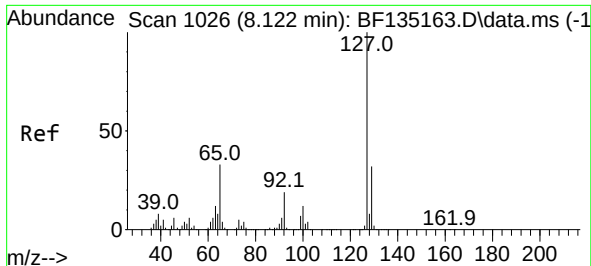
Tgt Ion:128 Resp: 1410382
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 42.534 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:122 Resp: 286575
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 92.1 70.0 110.0

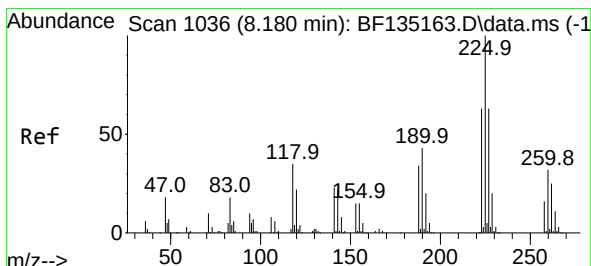
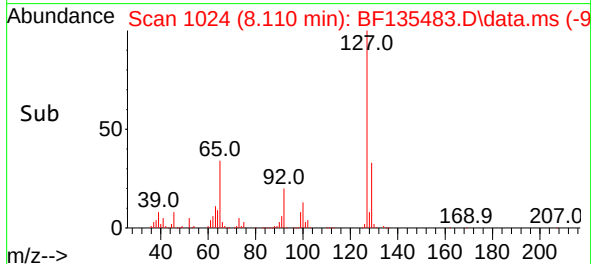
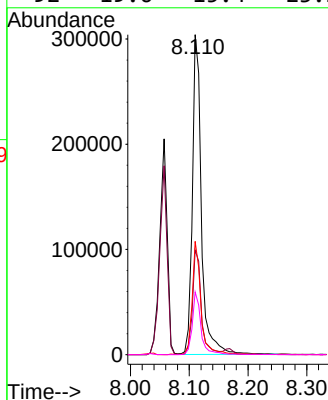
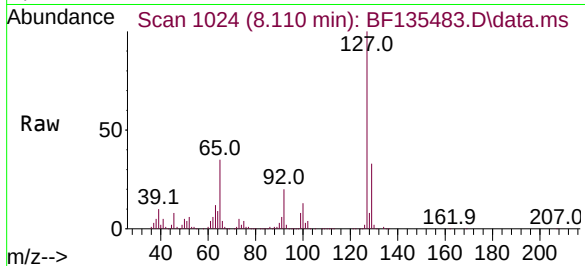




#33
4-Chloroaniline
Concen: 25.051 ng
RT: 8.110 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

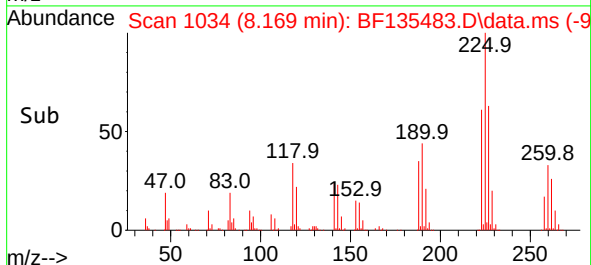
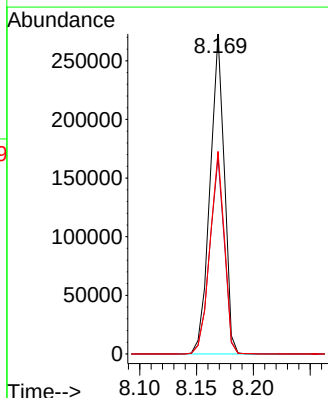
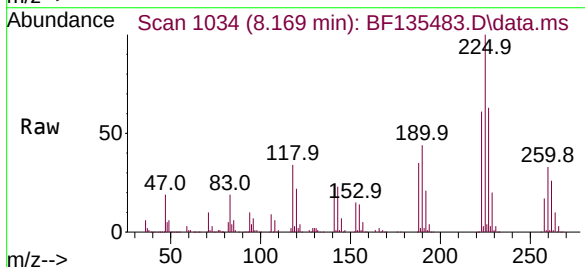
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

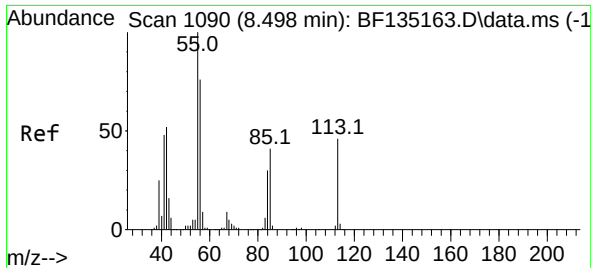
Tgt	Ion:127	Resp:	325561
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	35.4	26.6	39.8
92	19.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 45.616 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt	Ion:225	Resp:	238359
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	75.8
227	63.3	50.8	76.2

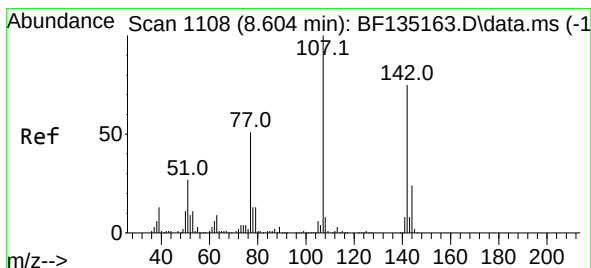
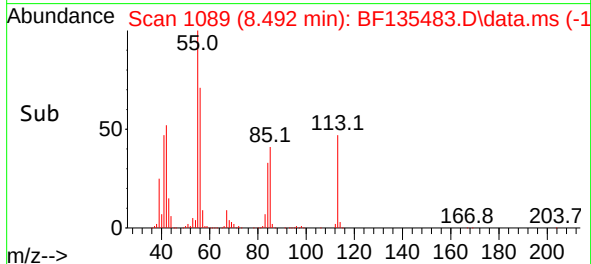
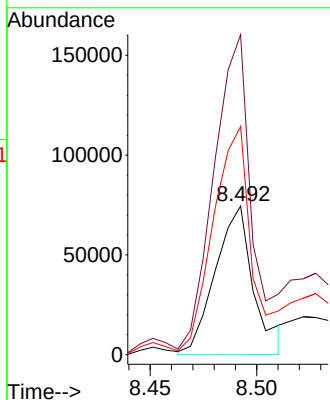
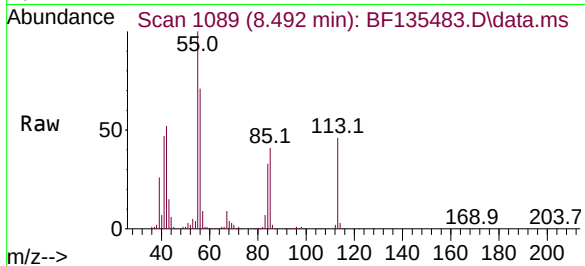




#35
 Caprolactam
 Concen: 33.316 ng
 RT: 8.492 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF135483.D
 Acq: 27 Sep 2023 20:37

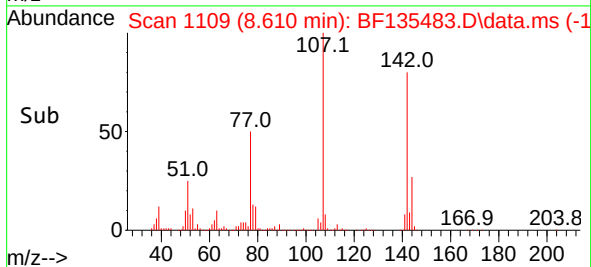
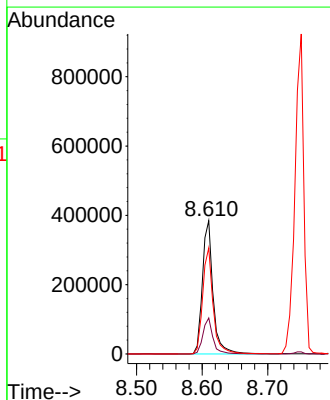
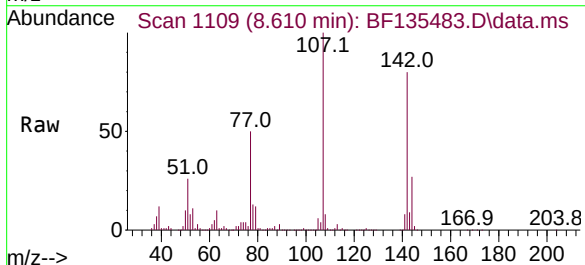
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

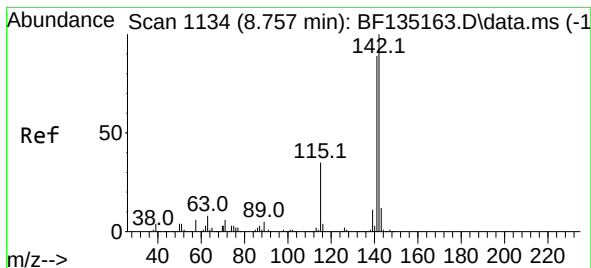
Tgt Ion:113 Resp: 92703
 Ion Ratio Lower Upper
 113 100
 55 215.2 199.3 239.3
 56 153.5 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.262 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135483.D
 Acq: 27 Sep 2023 20:37

Tgt Ion:107 Resp: 435499
 Ion Ratio Lower Upper
 107 100
 144 27.0 19.0 28.4
 142 79.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.610 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

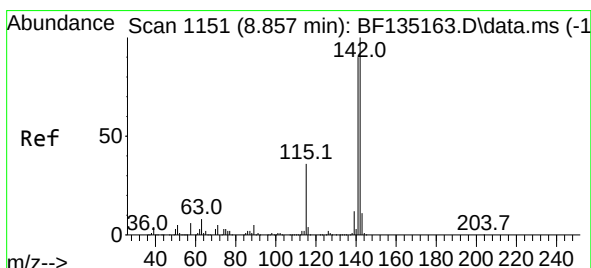
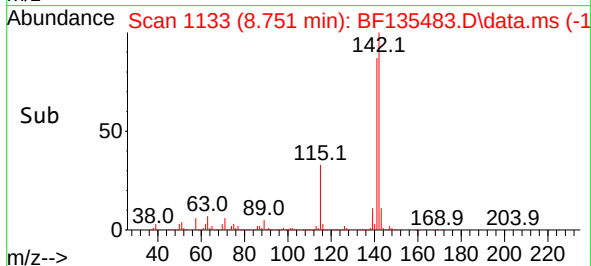
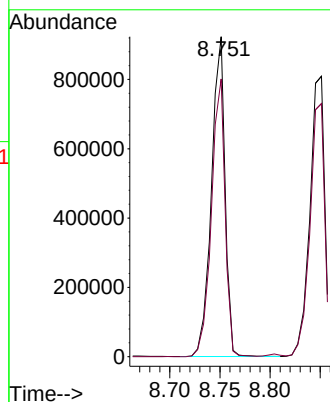
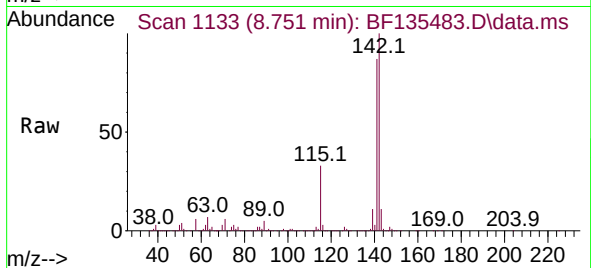
TP-1MSD

Tgt Ion:142 Resp: 868311

Ion Ratio Lower Upper

142 100

141 86.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 44.644 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135483.D

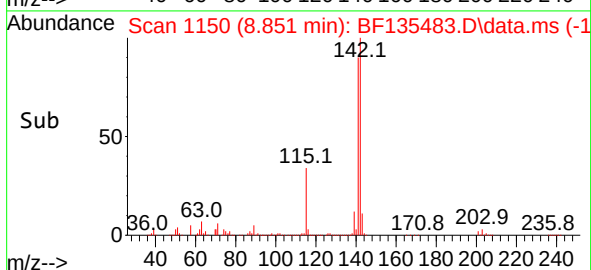
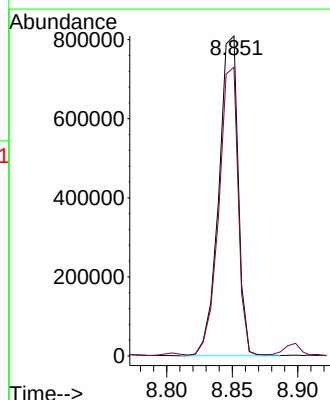
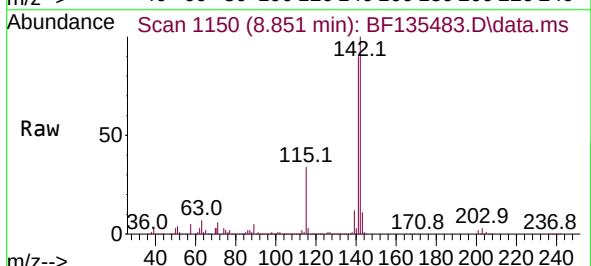
Acq: 27 Sep 2023 20:37

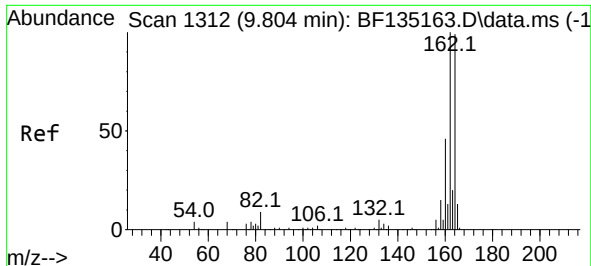
Tgt Ion:142 Resp: 832217

Ion Ratio Lower Upper

142 100

141 90.2 72.4 108.6

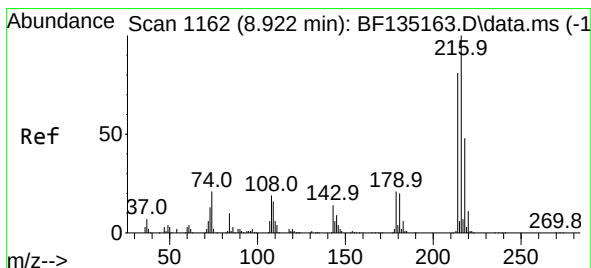
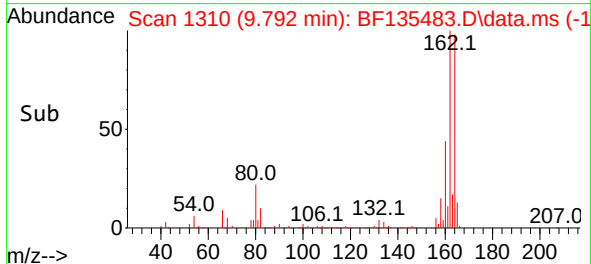
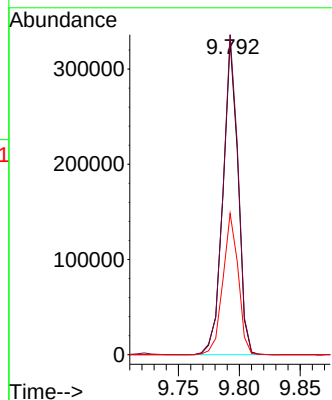
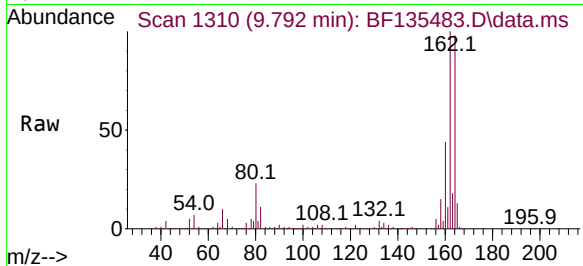




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

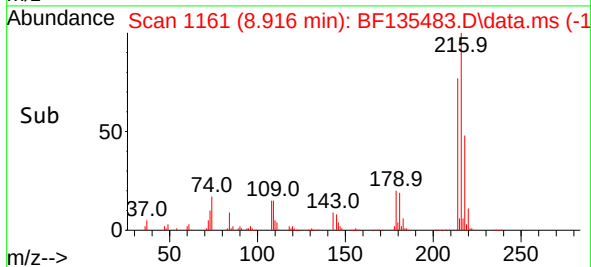
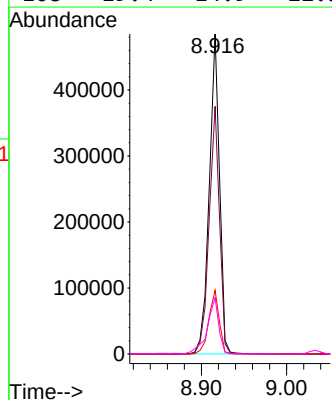
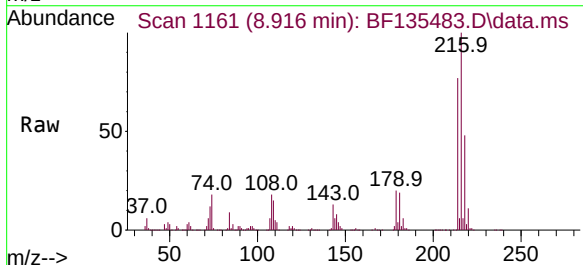
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

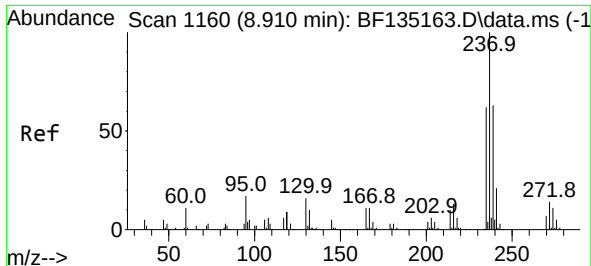
Tgt Ion:164 Resp: 283619
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 45.1 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.344 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:216 Resp: 405448
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 20.1 16.7 25.1
108 19.4 14.9 22.3

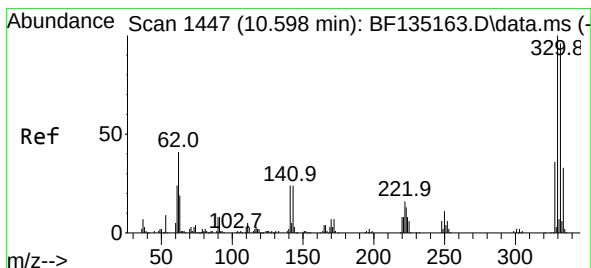
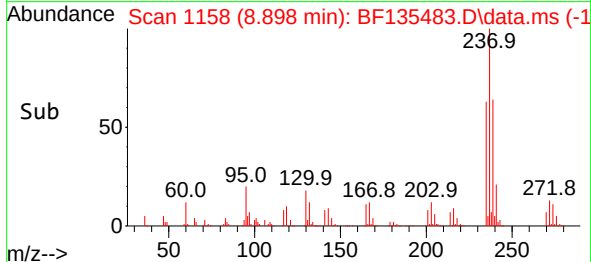
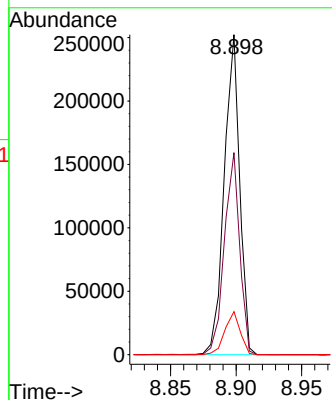
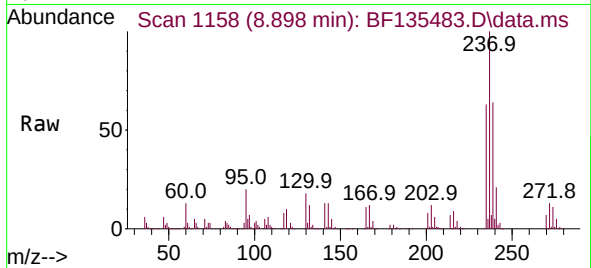




#41
Hexachlorocyclopentadiene
Concen: 59.099 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

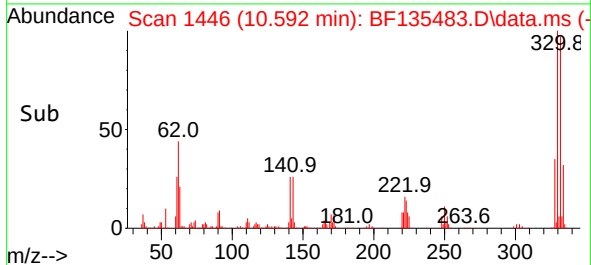
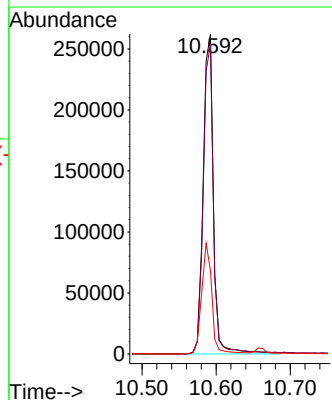
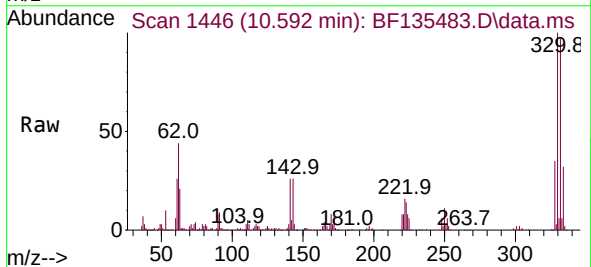
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

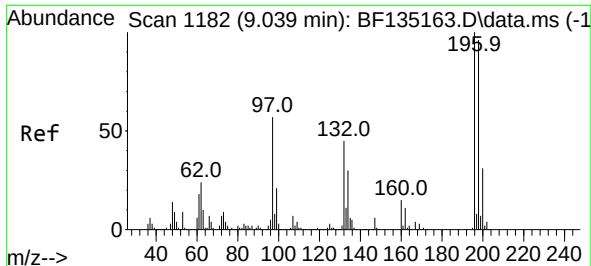
Tgt Ion:237 Resp: 206273
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 89.401 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:330 Resp: 251976
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 34.5 25.8 38.8

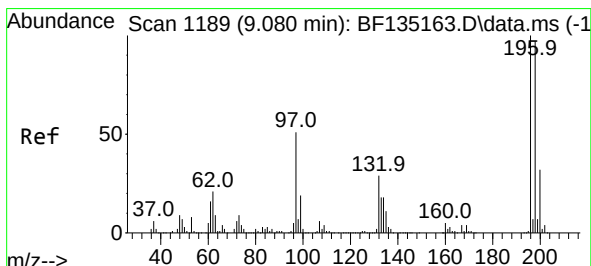
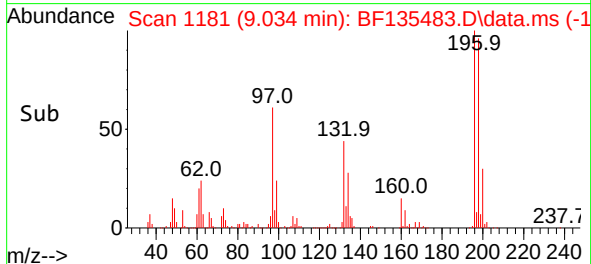
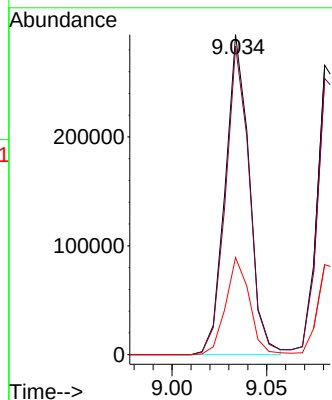
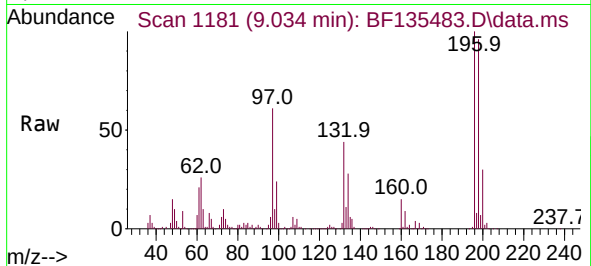




#43
2,4,6-Trichlorophenol
Concen: 48.089 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

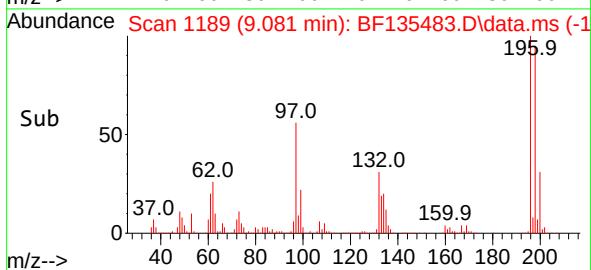
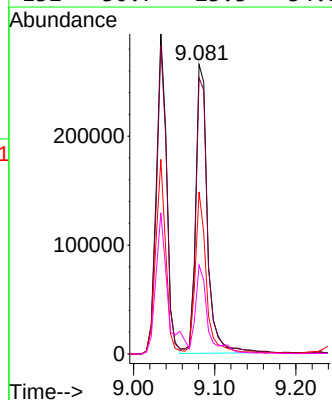
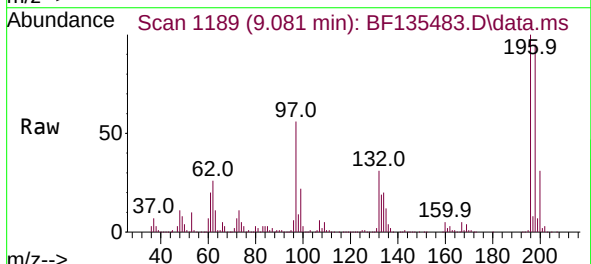
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

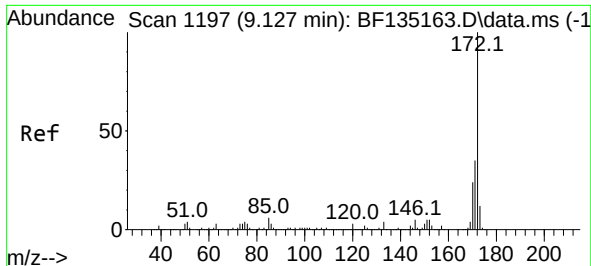
Tgt Ion:196 Resp: 258712
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
200 30.4 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 43.750 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:196 Resp: 271053
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 56.0 40.5 60.7
132 30.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.137 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

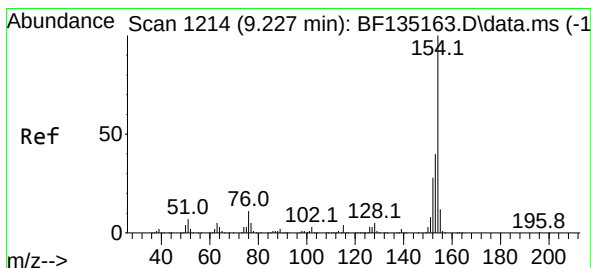
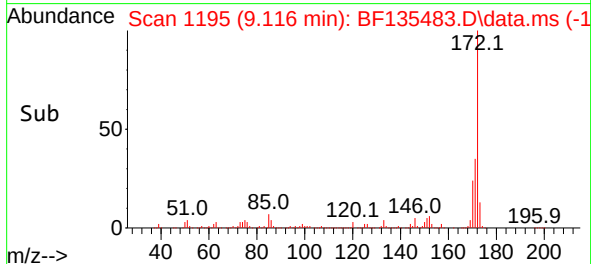
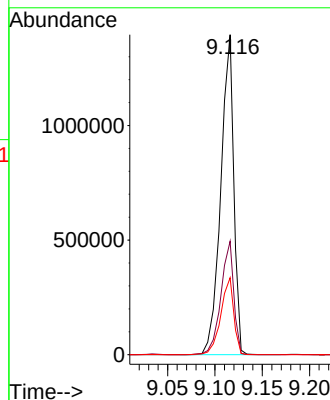
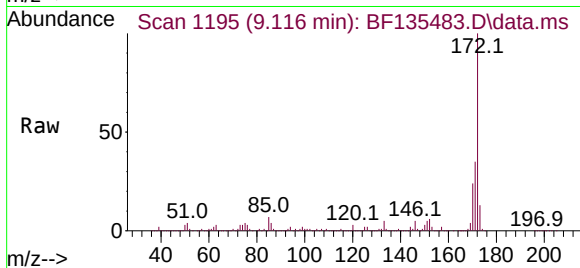
Tgt Ion:172 Resp: 1337284

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.482 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

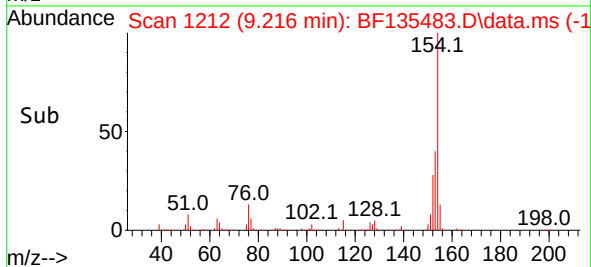
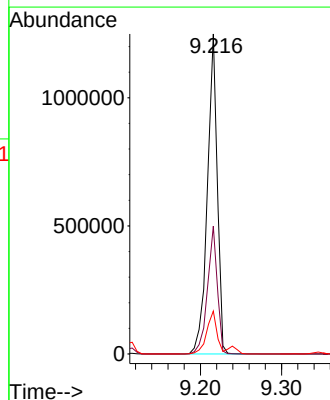
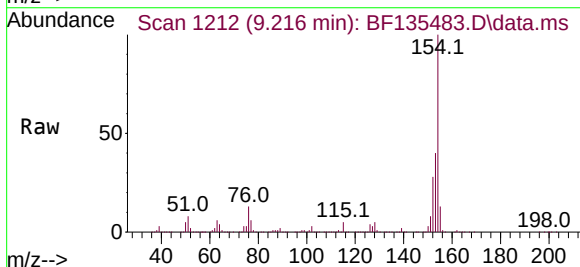
Tgt Ion:154 Resp: 1056703

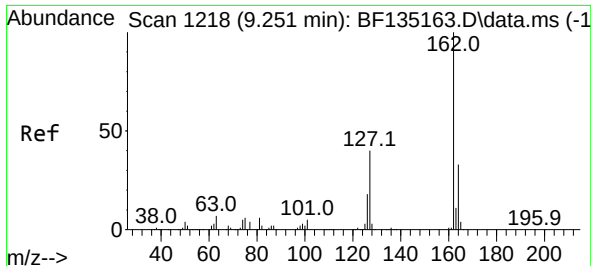
Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

76 13.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 50.623 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

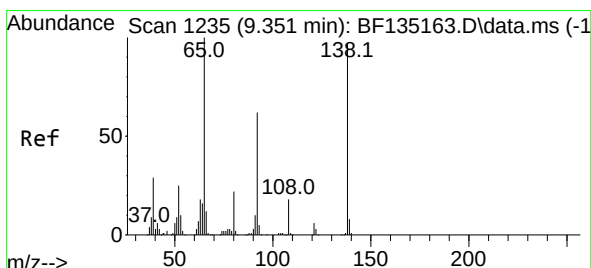
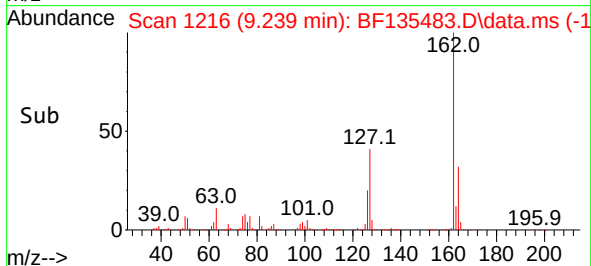
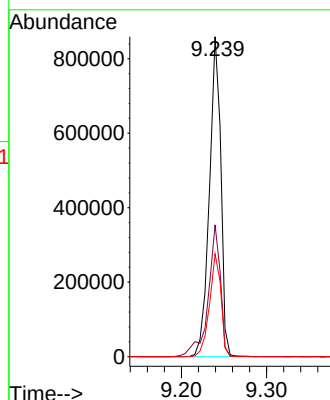
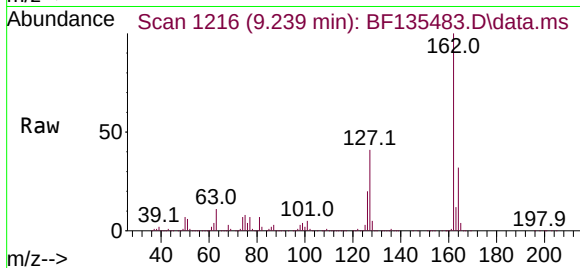
Tgt Ion:162 Resp: 800559

Ion Ratio Lower Upper

162 100

127 41.2 32.6 48.8

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 50.004 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

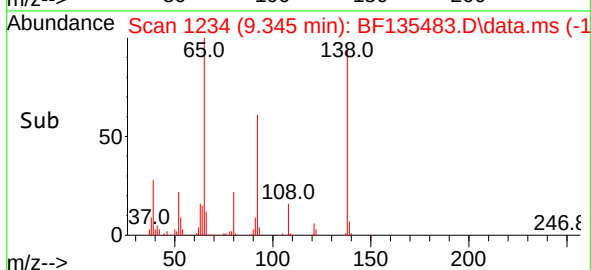
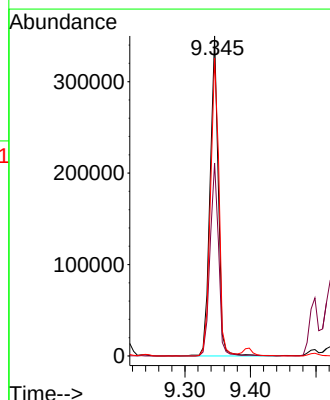
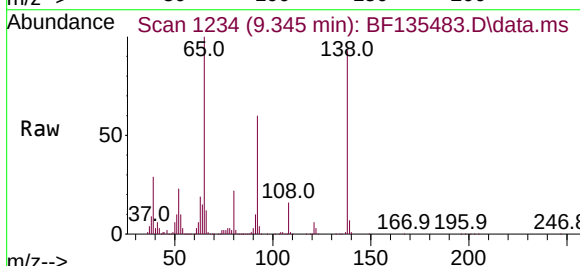
Tgt Ion: 65 Resp: 307211

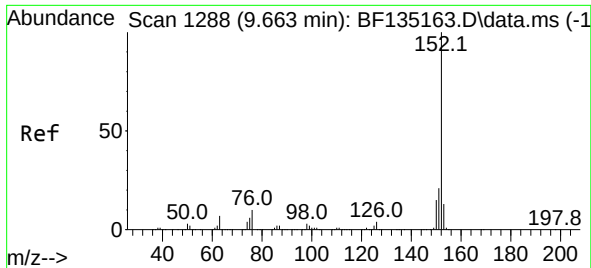
Ion Ratio Lower Upper

65 100

92 60.3 49.4 74.0

138 93.1 77.4 116.0





#49

Acenaphthylene

Concen: 48.761 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

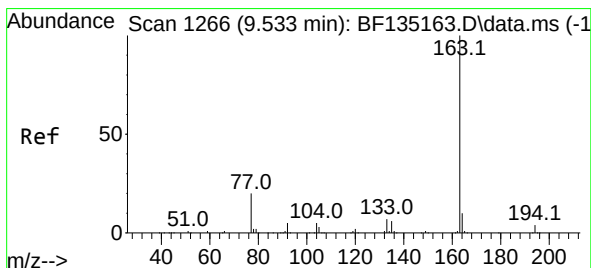
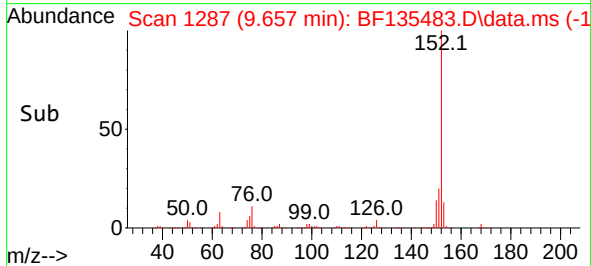
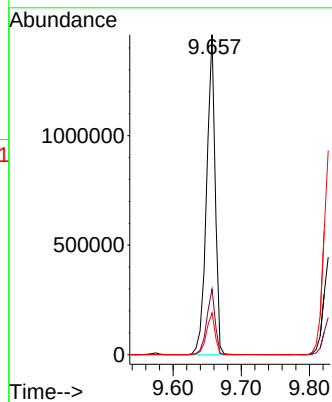
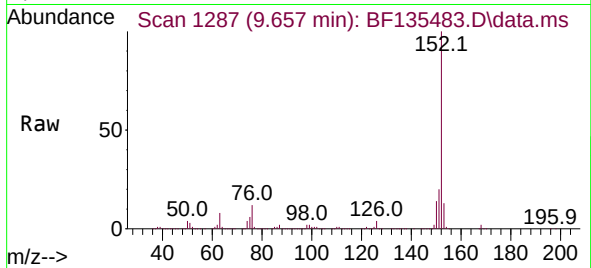
Tgt Ion:152 Resp: 1281514

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 47.841 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

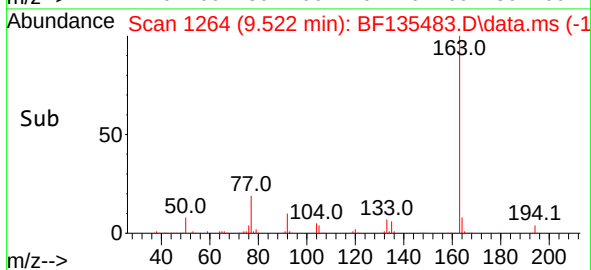
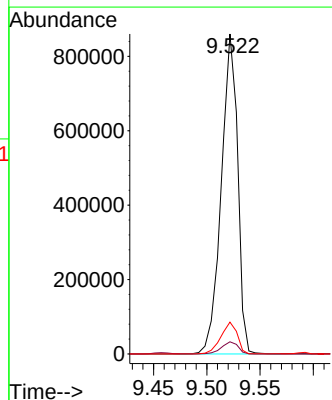
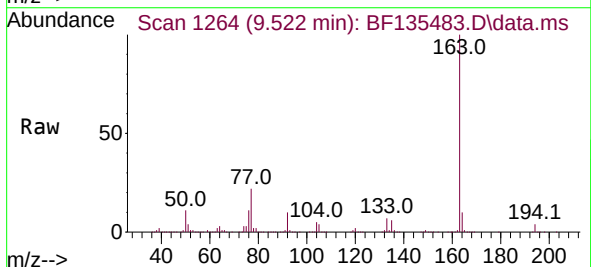
Tgt Ion:163 Resp: 917378

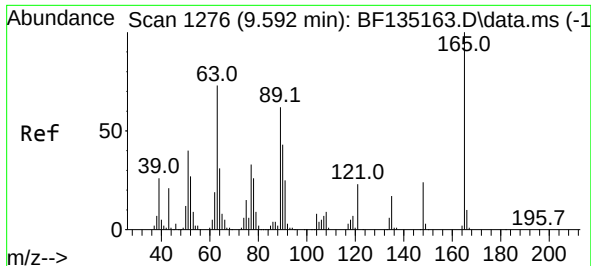
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.1 12.1

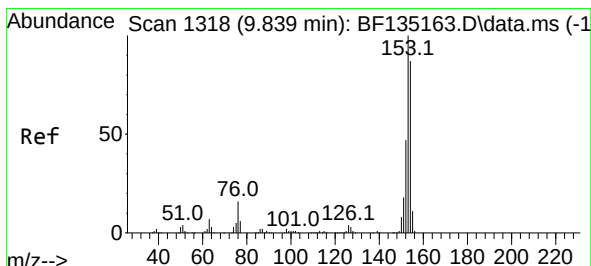
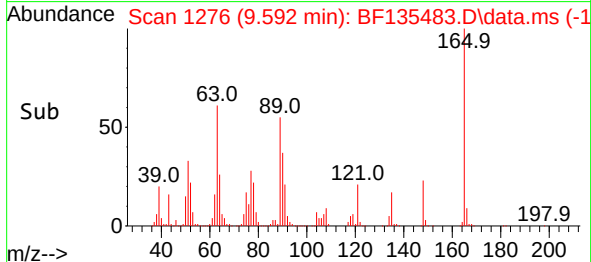
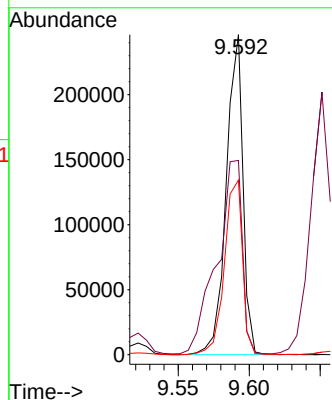
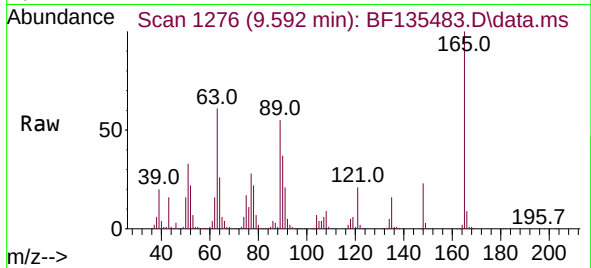




#51
2,6-Dinitrotoluene
Concen: 47.783 ng
RT: 9.592 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

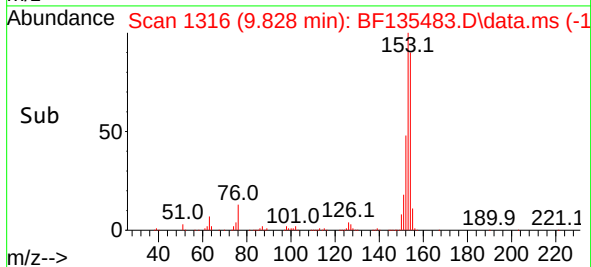
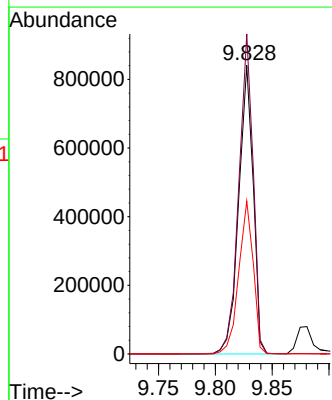
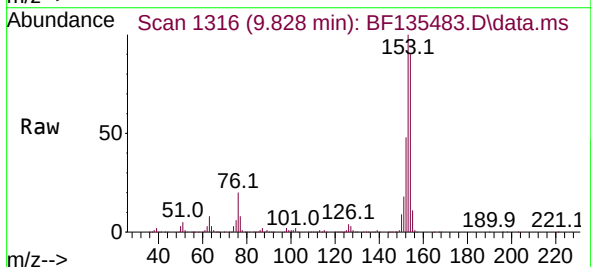
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

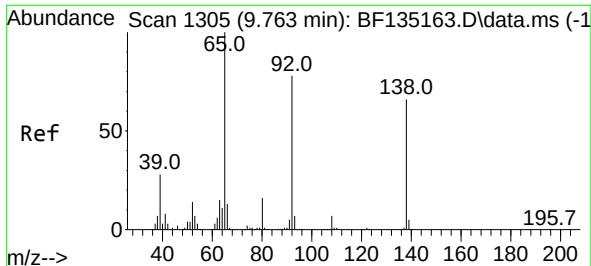
Tgt Ion:165 Resp: 200722
Ion Ratio Lower Upper
165 100
63 60.7 59.4 89.2
89 54.6 49.8 74.8



#52
Acenaphthene
Concen: 47.974 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:154 Resp: 744829
Ion Ratio Lower Upper
154 100
153 110.9 92.1 138.1
152 53.0 43.1 64.7

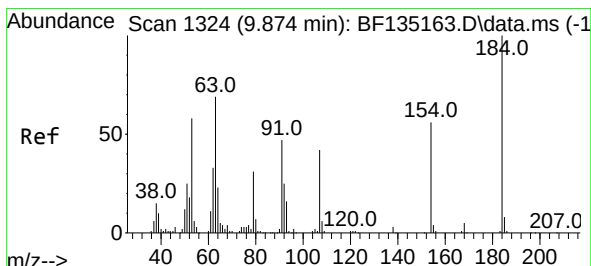
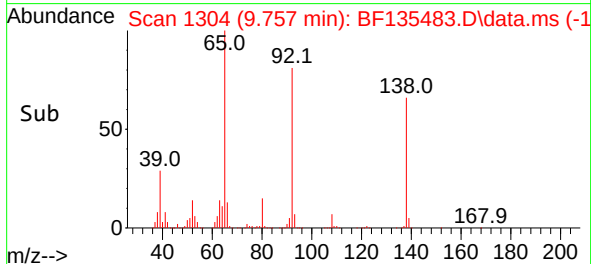
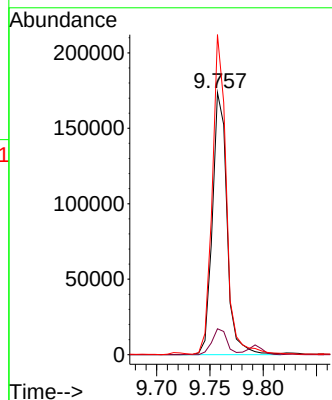
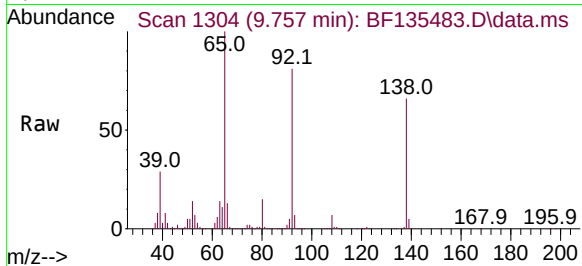




#53
3-Nitroaniline
Concen: 33.634 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

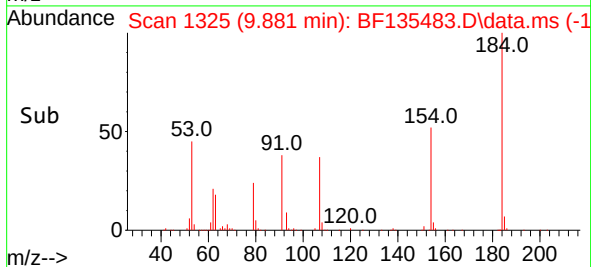
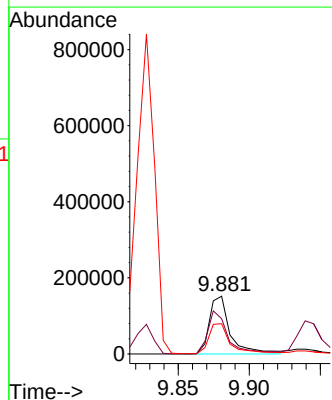
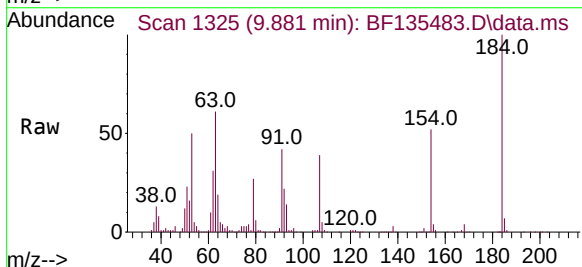
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

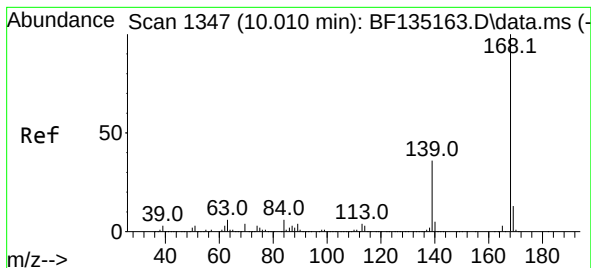
Tgt Ion:138 Resp: 165845
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 122.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 66.262 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:184 Resp: 155242
Ion Ratio Lower Upper
184 100
63 60.9 55.1 82.7
154 52.3 48.4 72.6





#55

Dibenzenofuran

Concen: 43.905 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.006 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

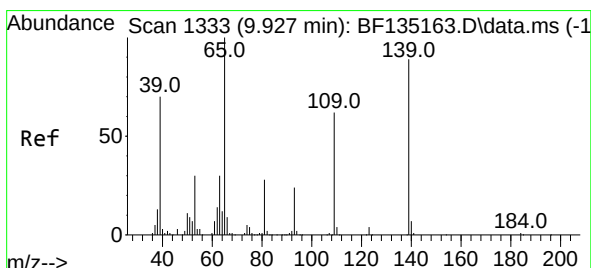
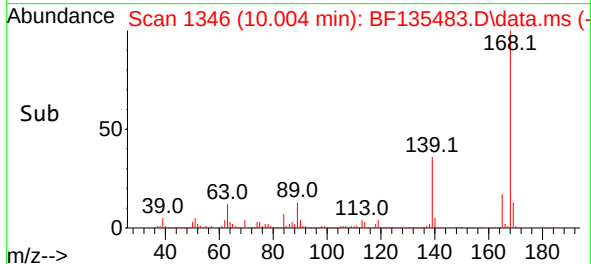
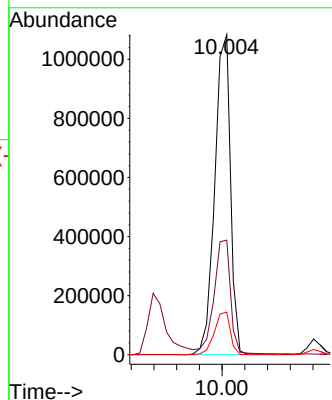
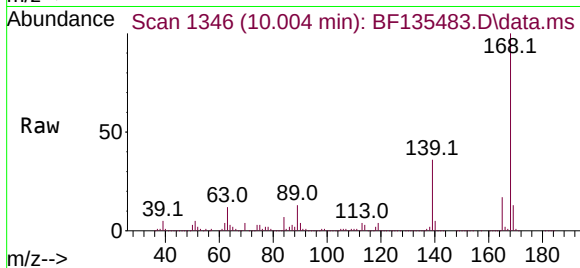
Tgt Ion:168 Resp: 1040210

Ion Ratio Lower Upper

168 100

139 35.8 29.0 43.6

169 13.3 10.4 15.6



#56

4-Nitrophenol

Concen: 74.769 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

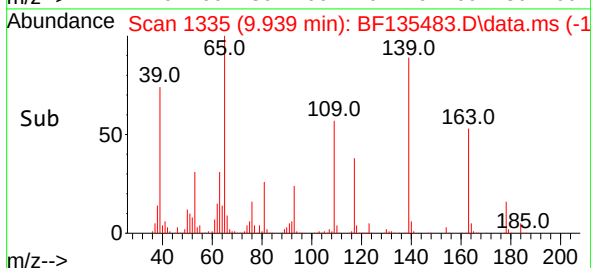
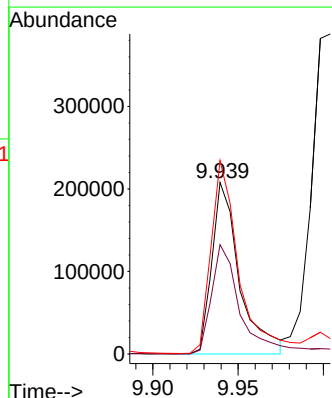
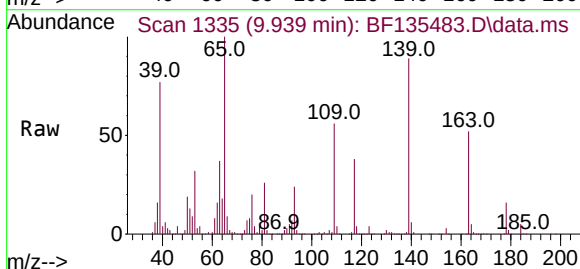
Tgt Ion:139 Resp: 234315

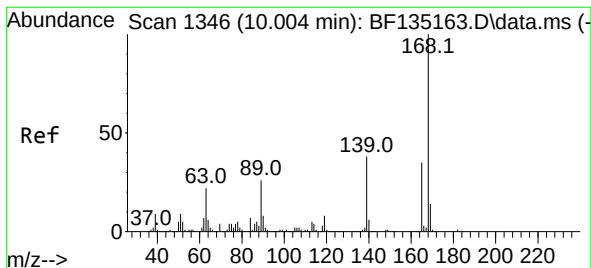
Ion Ratio Lower Upper

139 100

109 63.7 49.8 89.8

65 112.8 92.7 132.7

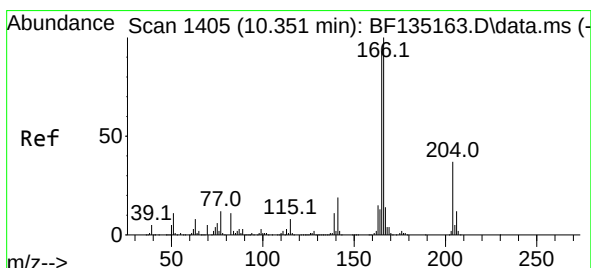
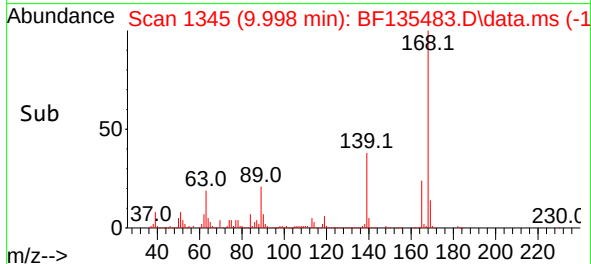
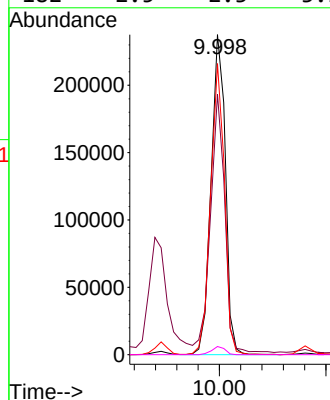
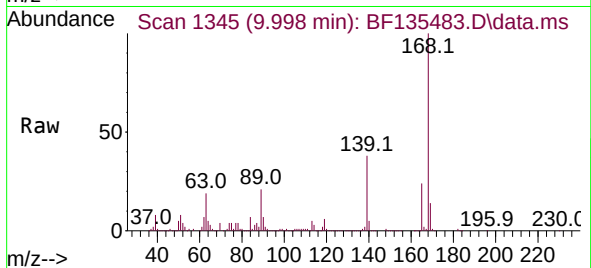




#57
2,4-Dinitrotoluene
Concen: 42.221 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

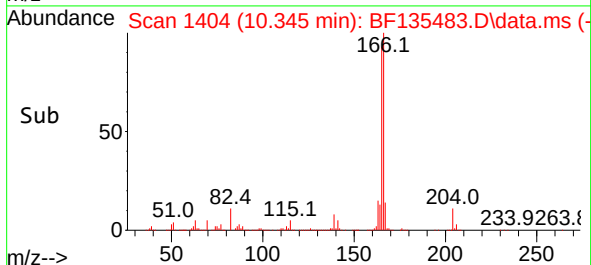
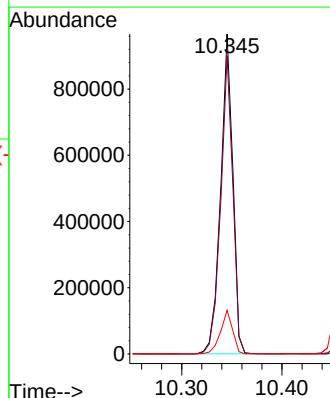
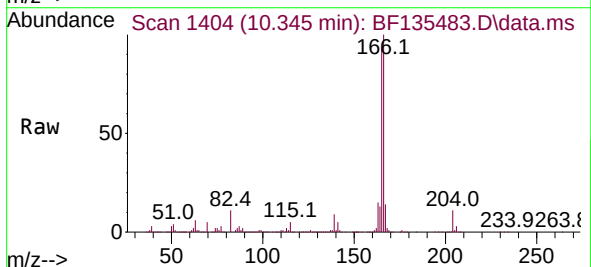
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

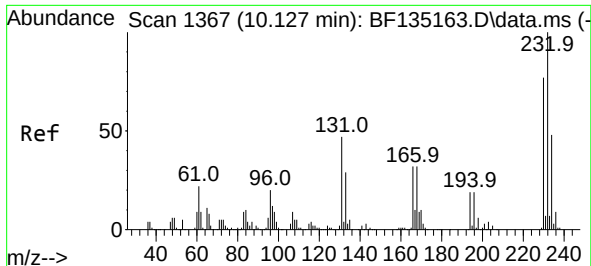
Tgt Ion:165 Resp: 222036
Ion Ratio Lower Upper
165 100
63 81.4 50.1 75.1#
89 91.0 59.3 88.9#
182 2.5 2.3 3.5



#58
Fluorene
Concen: 44.720 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:166 Resp: 814508
Ion Ratio Lower Upper
166 100
165 93.2 74.3 111.5
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.463 ng

RT: 10.128 min Scan# 1367

Delta R.T. 0.006 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:232 Resp: 207136

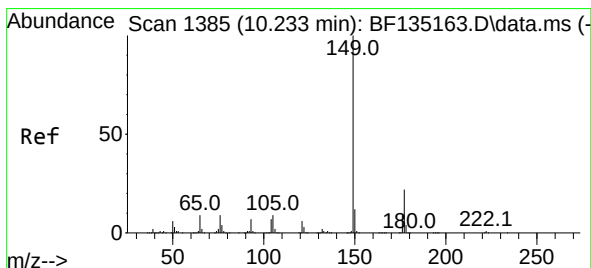
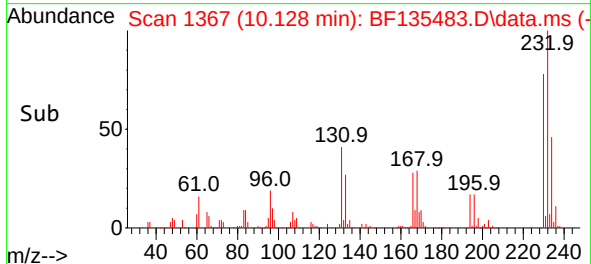
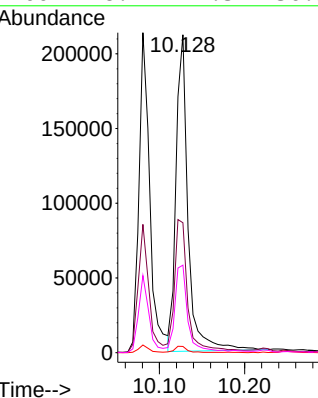
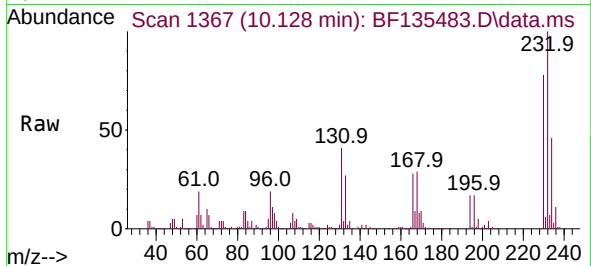
Ion Ratio Lower Upper

232 100

131 44.8 35.4 53.2

130 2.3 1.8 2.8

166 28.7 24.3 36.5



#60

Diethylphthalate

Concen: 46.528 ng

RT: 10.222 min Scan# 1383

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

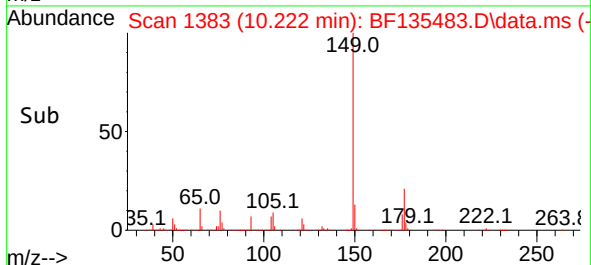
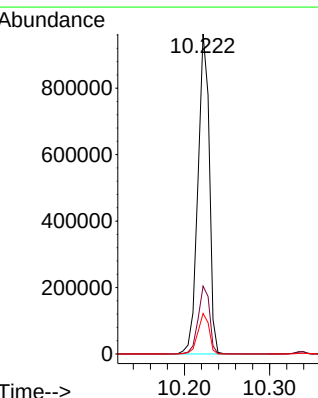
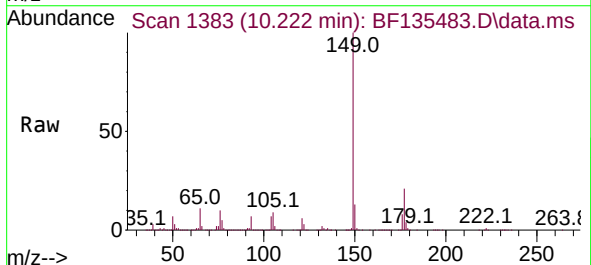
Tgt Ion:149 Resp: 895406

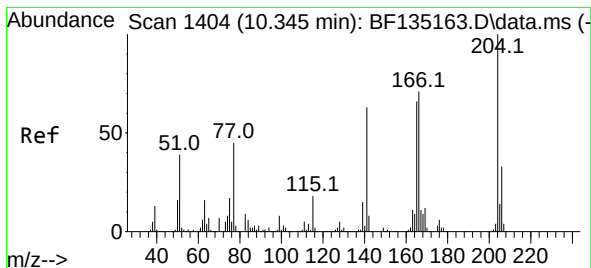
Ion Ratio Lower Upper

149 100

177 21.2 17.8 26.6

150 12.7 10.0 15.0

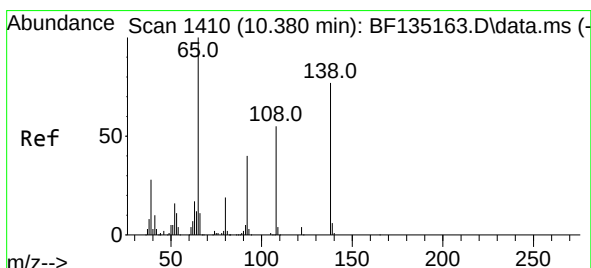
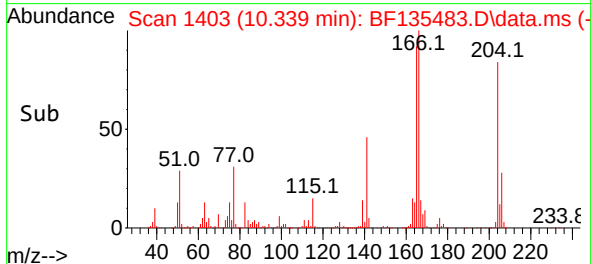
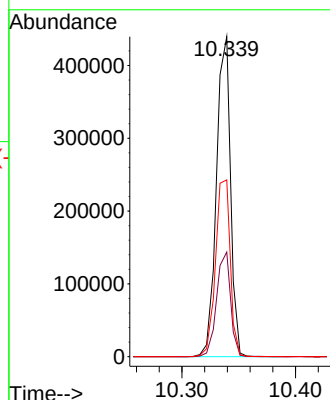
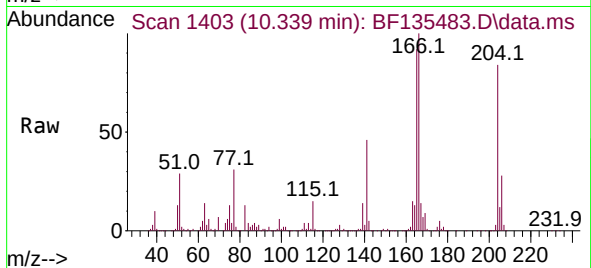




#61
4-Chlorophenyl-phenylether
Concen: 43.327 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

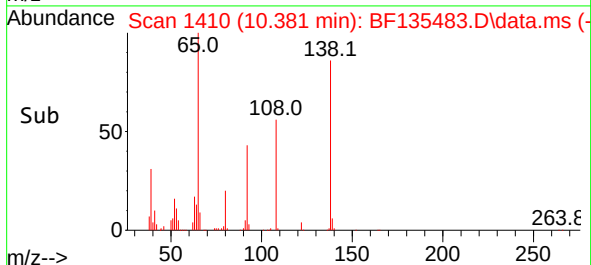
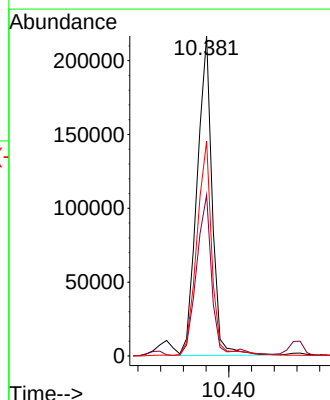
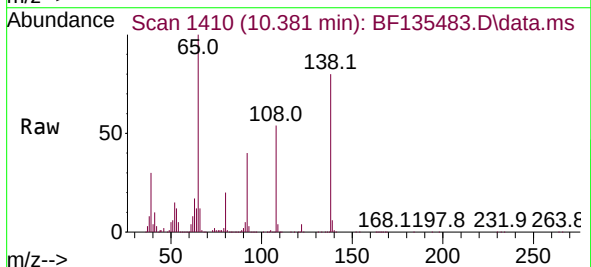
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

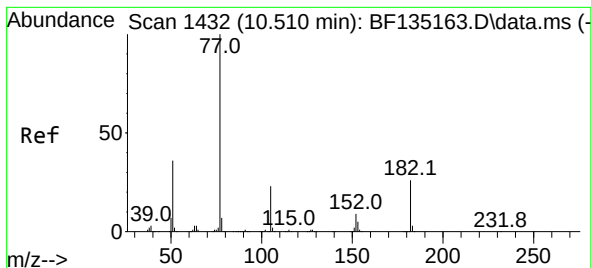
Tgt Ion:204 Resp: 379081
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 55.2 50.6 75.8



#62
4-Nitroaniline
Concen: 42.104 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:138 Resp: 199566
Ion Ratio Lower Upper
138 100
92 50.3 31.8 71.8
108 67.2 52.0 92.0





#63

Azobenzene

Concen: 48.486 ng

RT: 10.498 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 913193

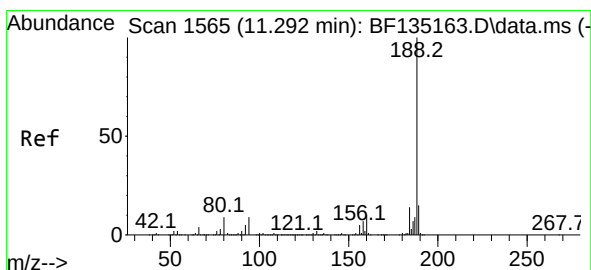
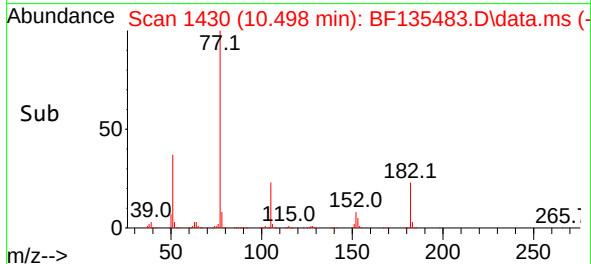
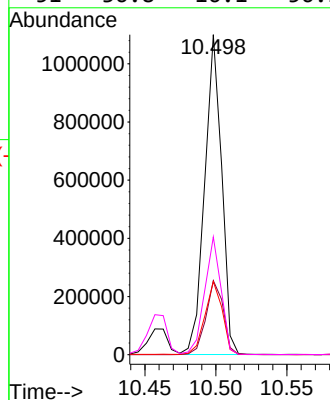
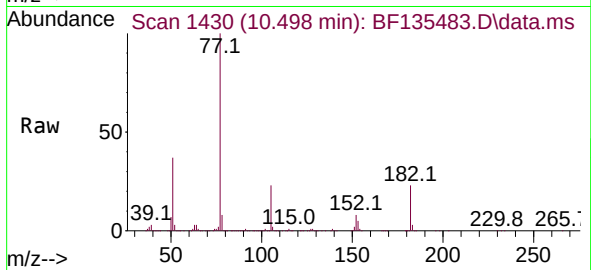
Ion Ratio Lower Upper

77 100

182 23.1 6.4 46.4

105 22.8 3.1 43.1

51 36.8 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

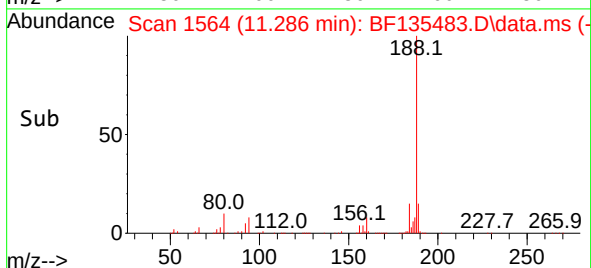
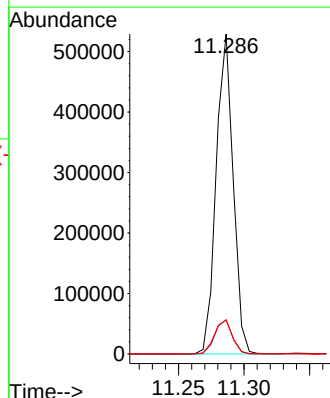
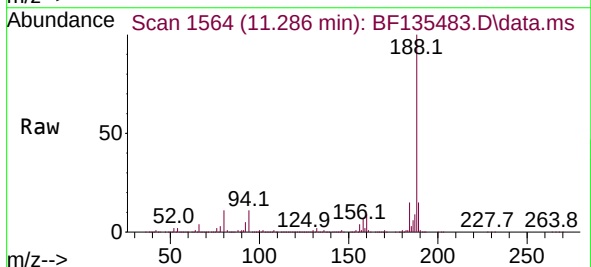
Tgt Ion: 188 Resp: 476244

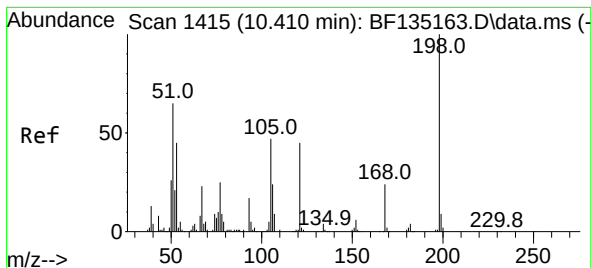
Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 10.7 7.5 11.3

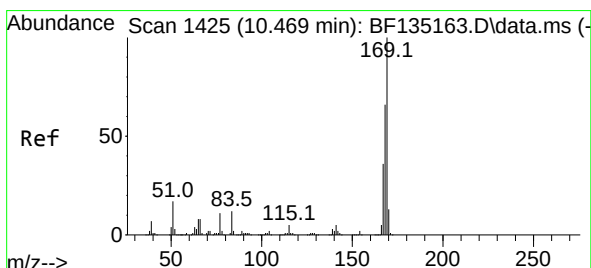
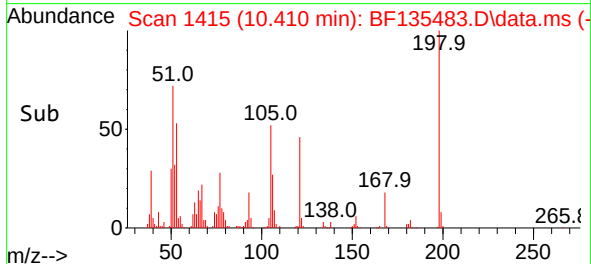
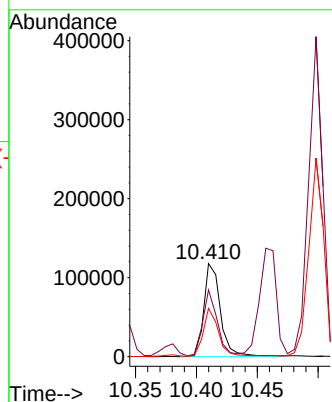
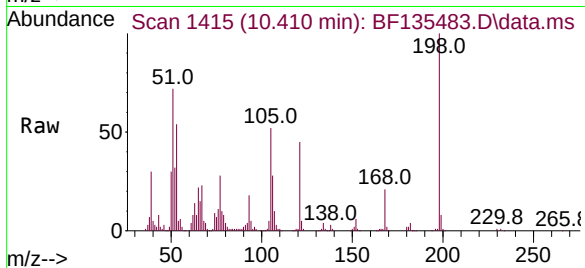




#65
4,6-Dinitro-2-methylphenol
Concen: 44.092 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

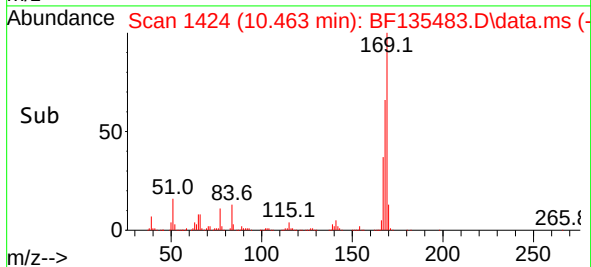
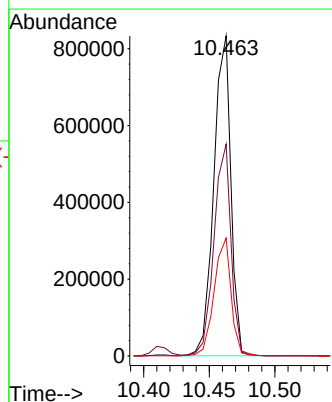
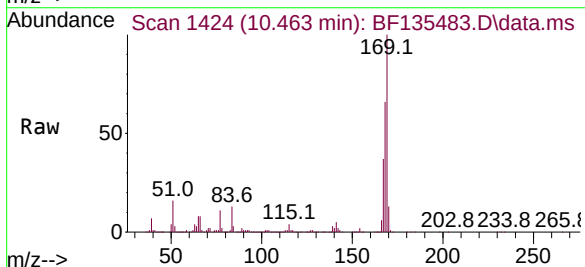
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

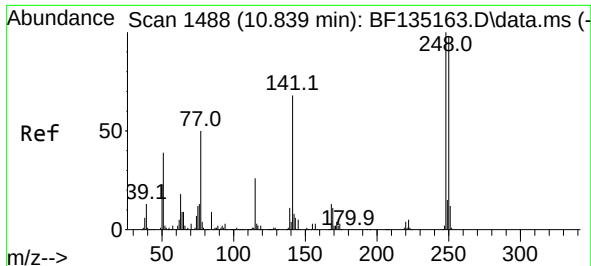
Tgt Ion:198 Resp: 111530
Ion Ratio Lower Upper
198 100
51 71.6 47.7 87.7
105 51.9 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 52.213 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:169 Resp: 752809
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 36.9 29.0 43.6

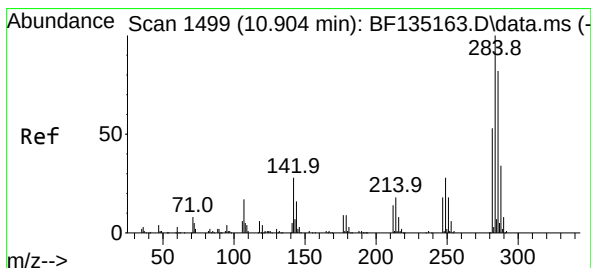
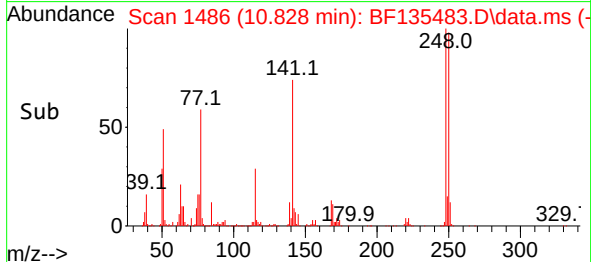
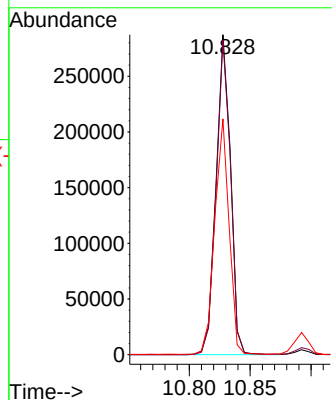
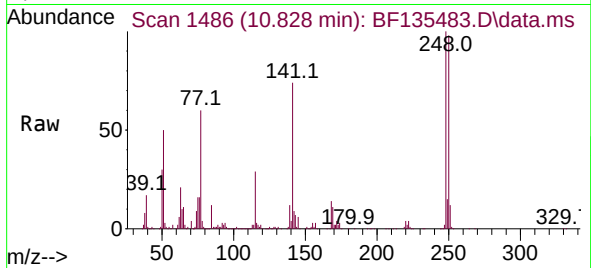




#67
4-Bromophenyl-phenylether
Concen: 50.371 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

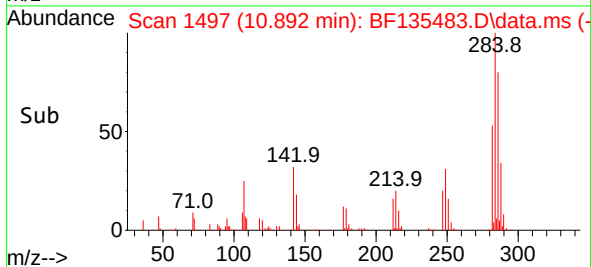
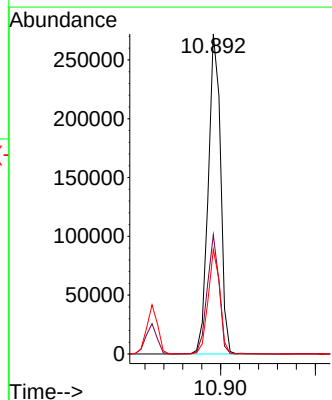
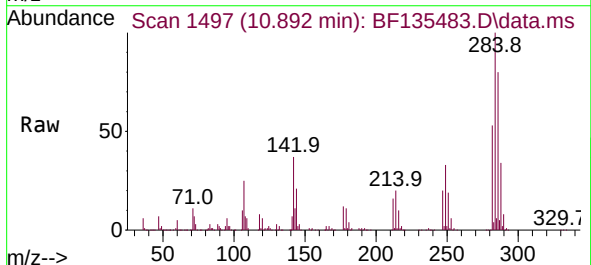
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

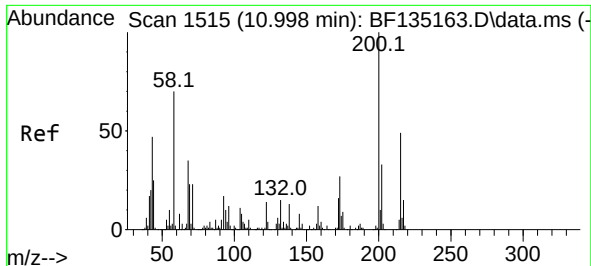
Tgt Ion:248 Resp: 238589
Ion Ratio Lower Upper
248 100
250 98.4 78.6 117.8
141 73.7 54.2 81.2



#68
Hexachlorobenzene
Concen: 50.737 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:284 Resp: 244831
Ion Ratio Lower Upper
284 100
142 37.2 22.2 33.4#
249 32.6 22.5 33.7

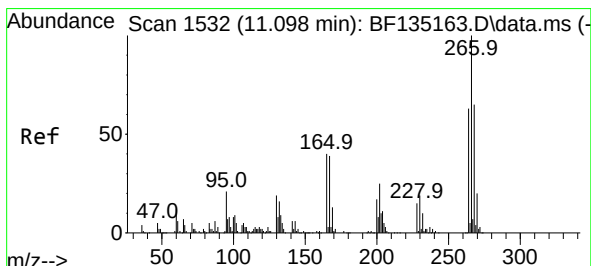
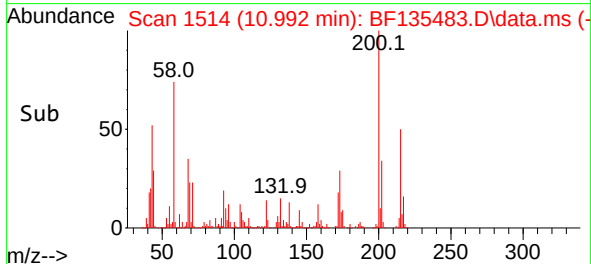
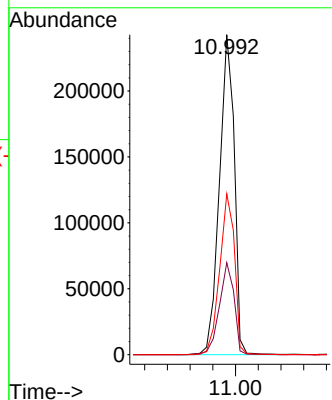
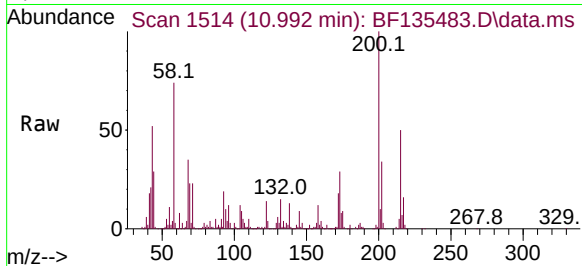




#69
 Atrazine
 Concen: 57.090 ng
 RT: 10.992 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: BF135483.D
 Acq: 27 Sep 2023 20:37

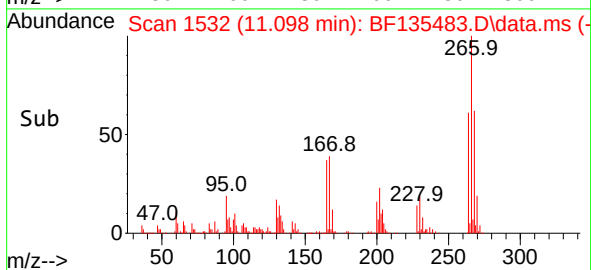
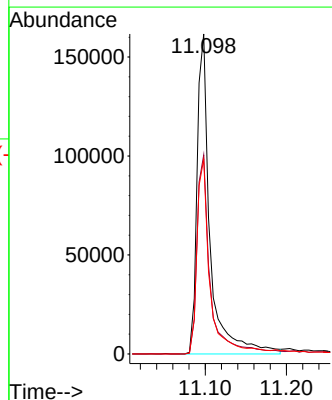
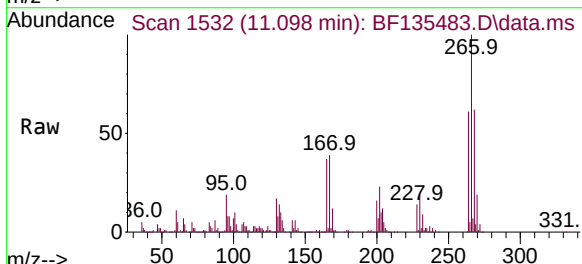
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

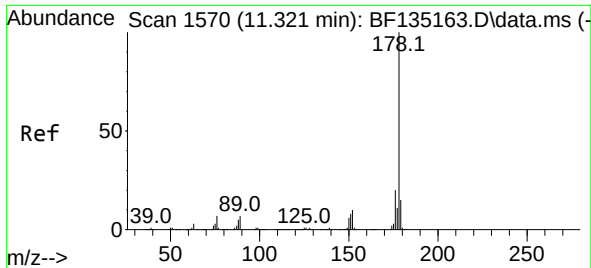
Tgt Ion:200 Resp: 221481
 Ion Ratio Lower Upper
 200 100
 173 28.8 7.4 47.4
 215 50.2 28.6 68.6



#70
 Pentachlorophenol
 Concen: 63.038 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.006 min
 Lab File: BF135483.D
 Acq: 27 Sep 2023 20:37

Tgt Ion:266 Resp: 181998
 Ion Ratio Lower Upper
 266 100
 268 62.2 52.1 78.1
 264 60.9 50.8 76.2

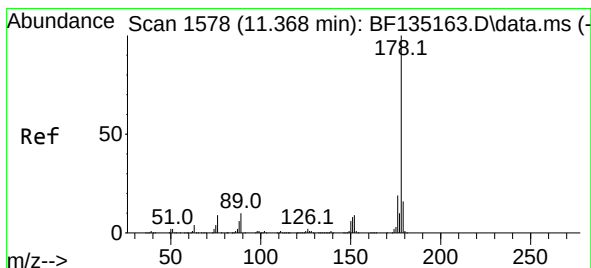
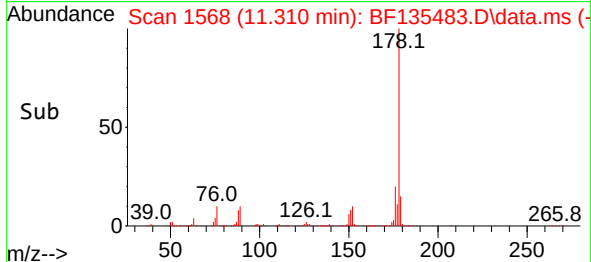
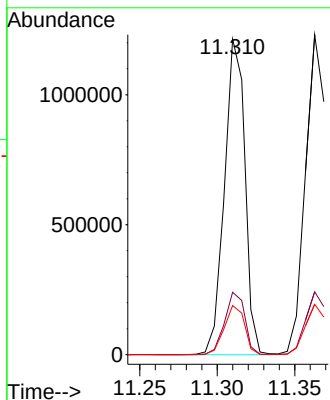
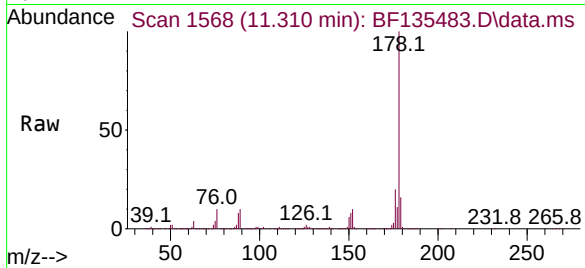




#71
Phenanthrene
Concen: 49.548 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

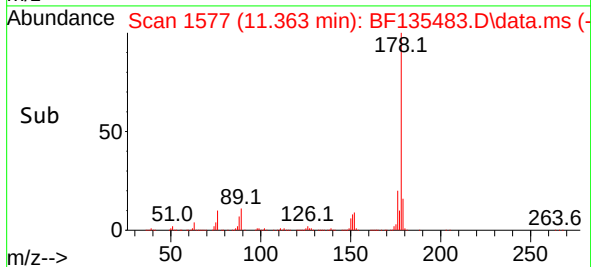
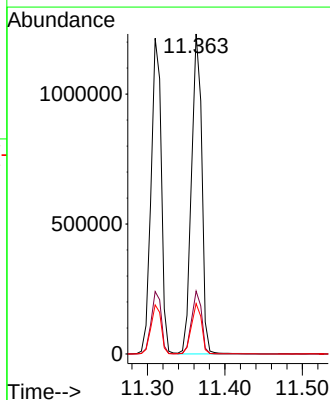
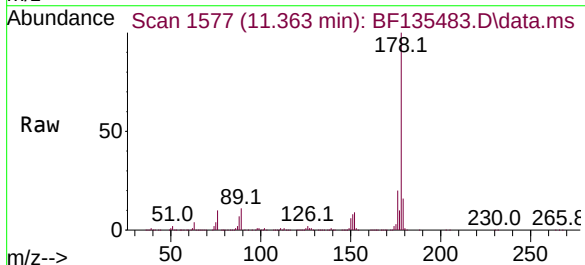
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

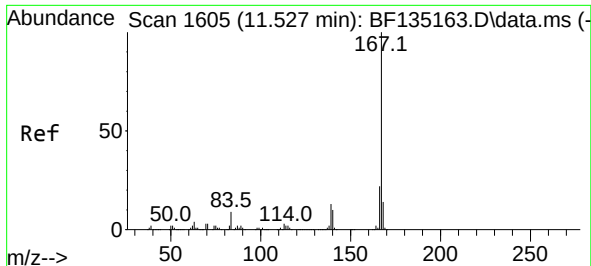
Tgt Ion:178 Resp: 1116028
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.0 18.0



#72
Anthracene
Concen: 49.207 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:178 Resp: 1139275
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.8 12.6 19.0

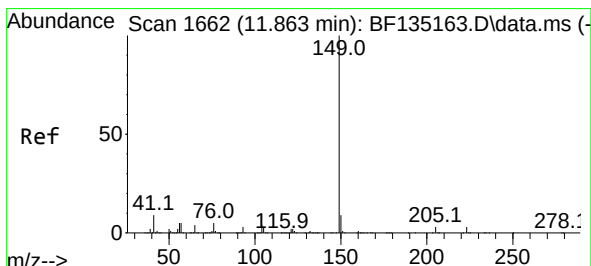
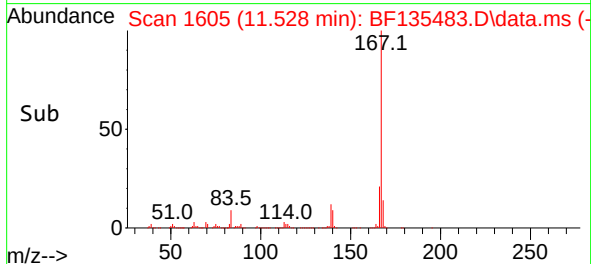
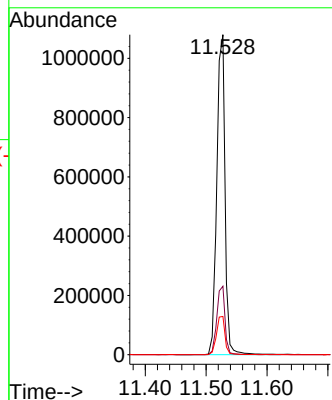
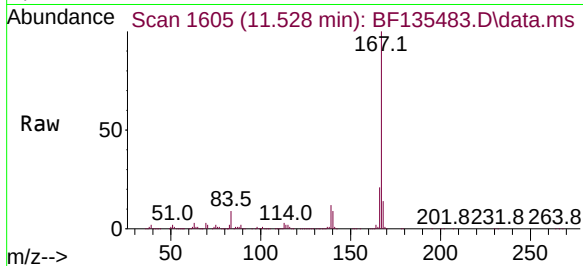




#73
 Carbazole
 Concen: 48.070 ng
 RT: 11.528 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF135483.D
 Acq: 27 Sep 2023 20:37

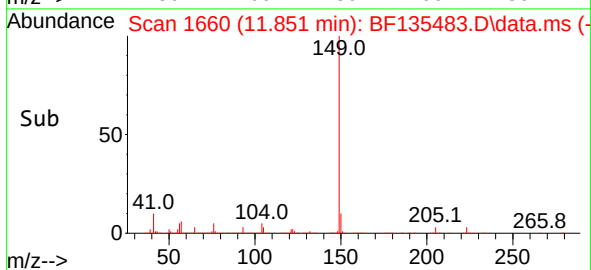
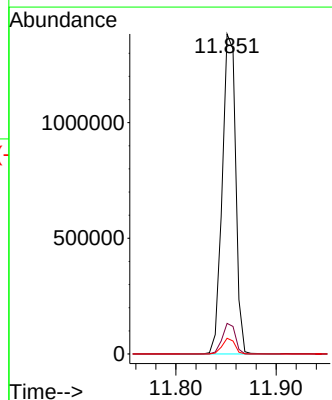
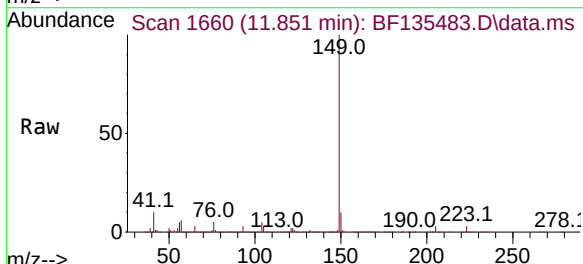
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

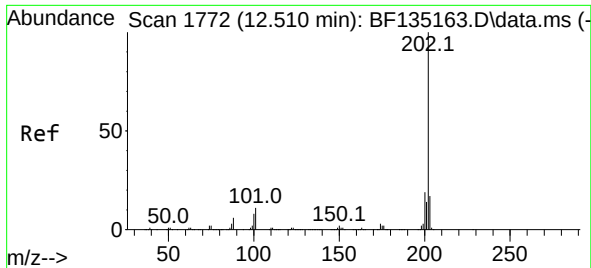
Tgt Ion:167 Resp: 1013142
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 11.9 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 51.672 ng
 RT: 11.851 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: BF135483.D
 Acq: 27 Sep 2023 20:37

Tgt Ion:149 Resp: 1283291
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 4.9 3.6 5.4

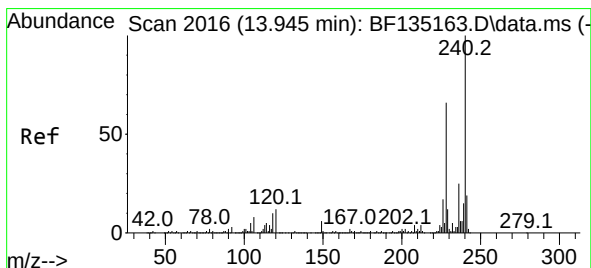
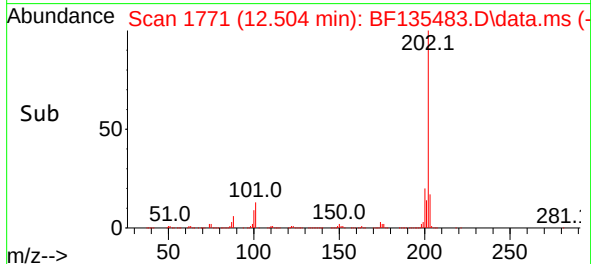
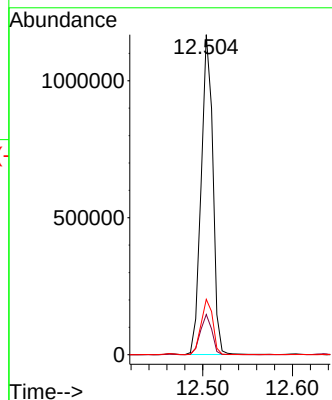
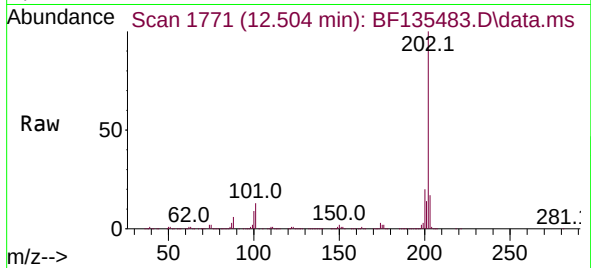




#75
Fluoranthene
Concen: 45.007 ng
RT: 12.504 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

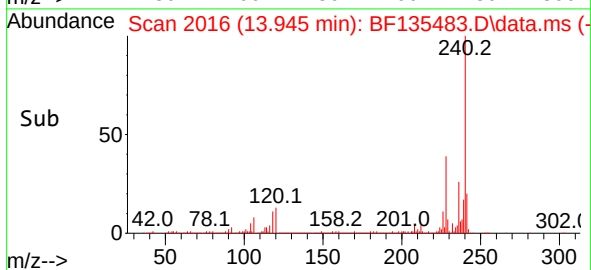
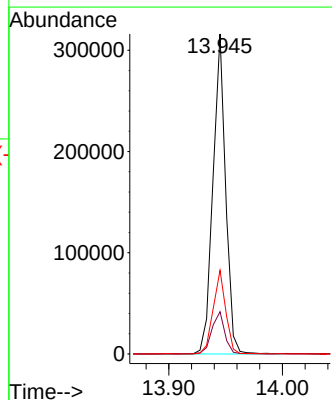
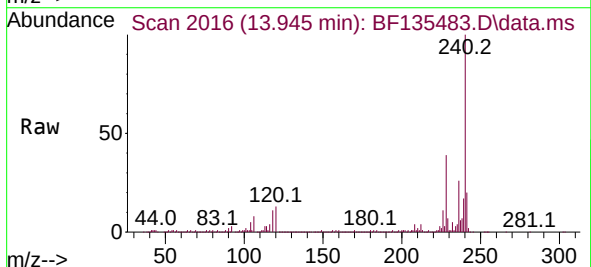
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

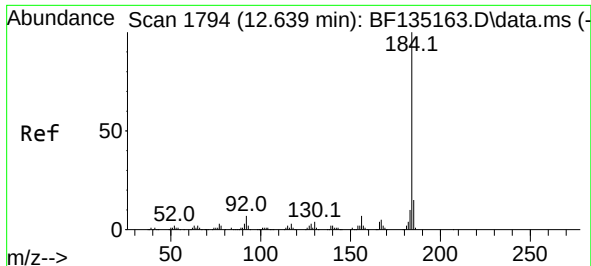
Tgt Ion:202 Resp: 1056323
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.3
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:240 Resp: 244552
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 26.2 19.8 29.8

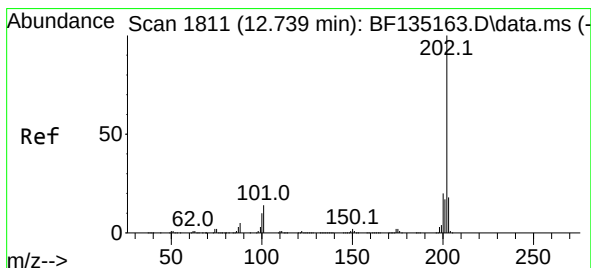
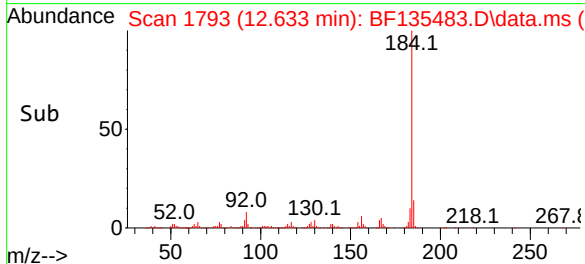
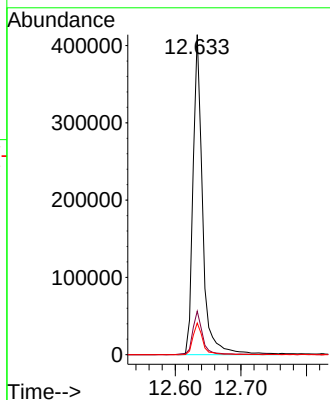
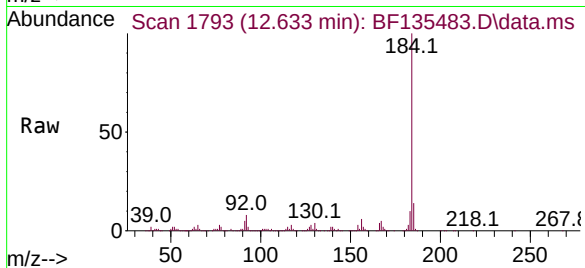




#77
Benzidine
Concen: 84.237 ng
RT: 12.633 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

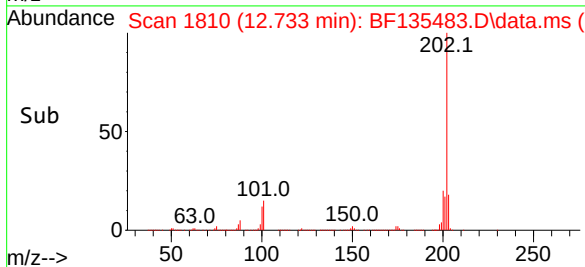
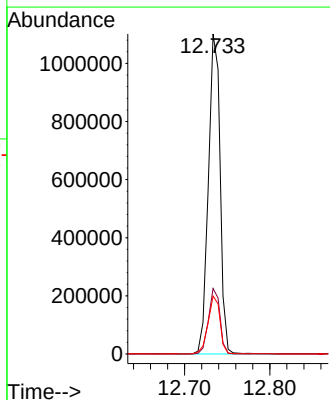
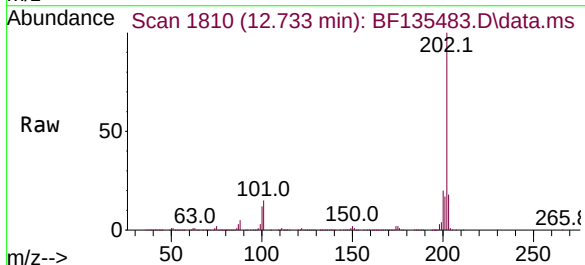
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

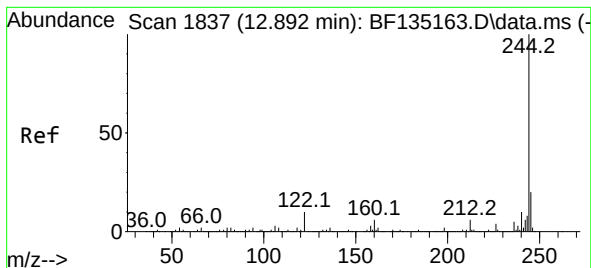
Tgt Ion:184 Resp: 422035
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 9.9 8.2 12.4



#78
Pyrene
Concen: 45.190 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:202 Resp: 1052174
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 64.175 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

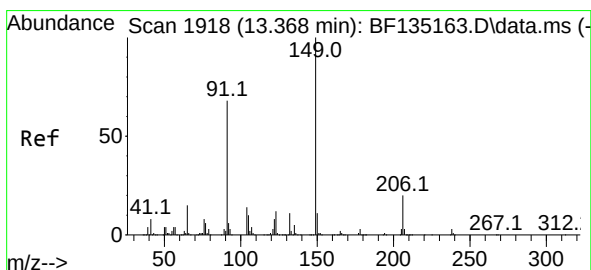
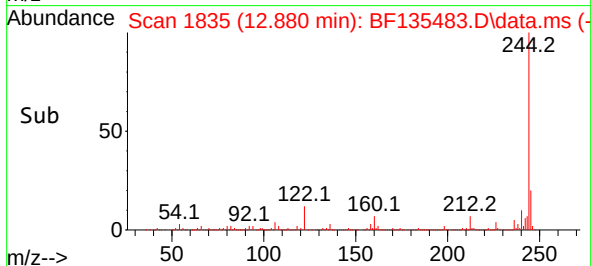
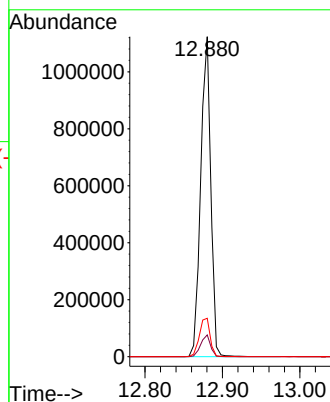
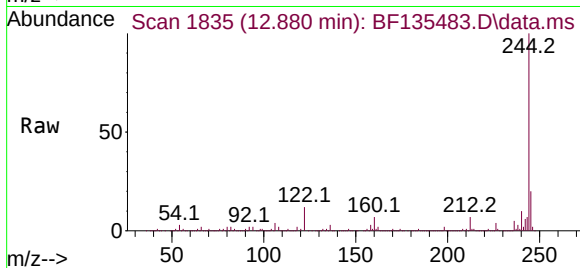
Tgt Ion:244 Resp: 1012399

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 12.0 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 50.499 ng

RT: 13.357 min Scan# 1916

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

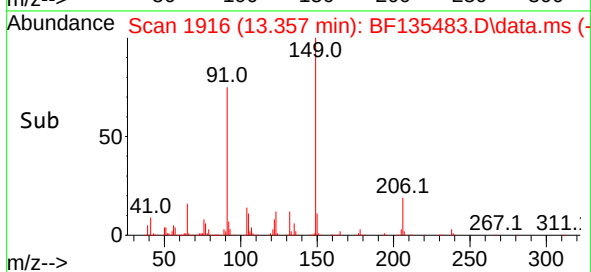
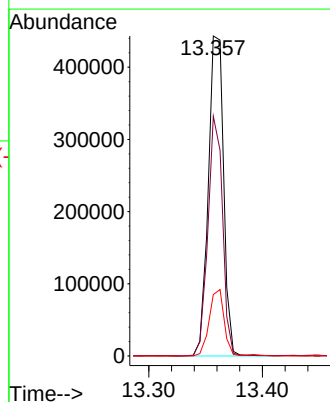
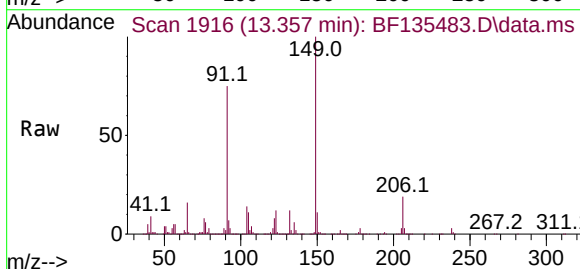
Tgt Ion:149 Resp: 413974

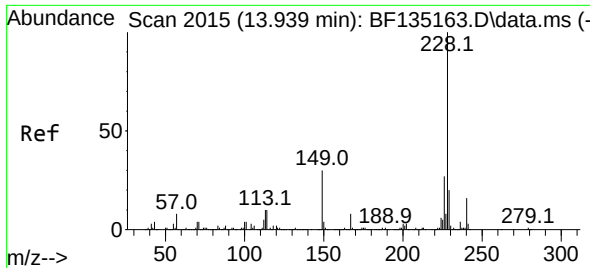
Ion Ratio Lower Upper

149 100

91 75.0 54.7 82.1

206 19.2 16.3 24.5

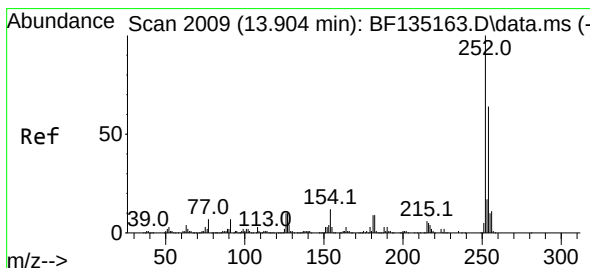
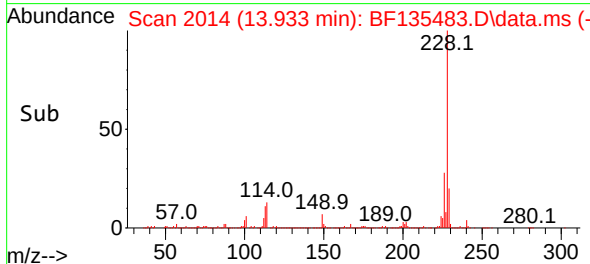
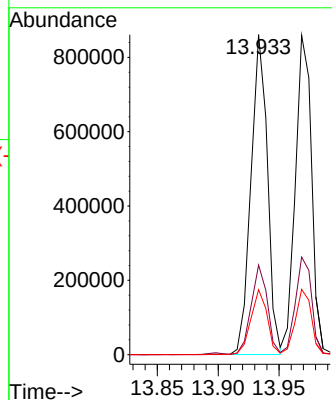
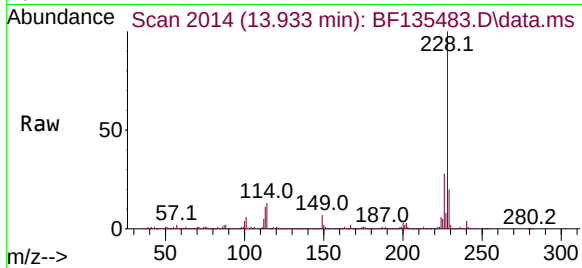




#81
Benzo(a)anthracene
Concen: 51.376 ng
RT: 13.933 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

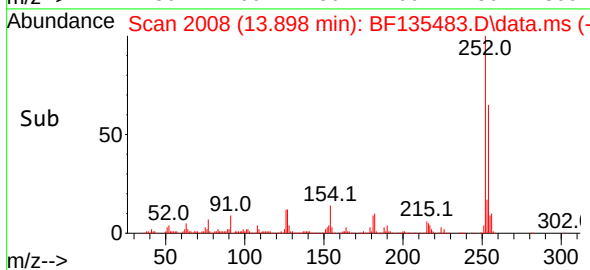
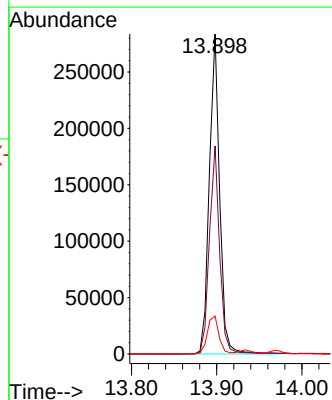
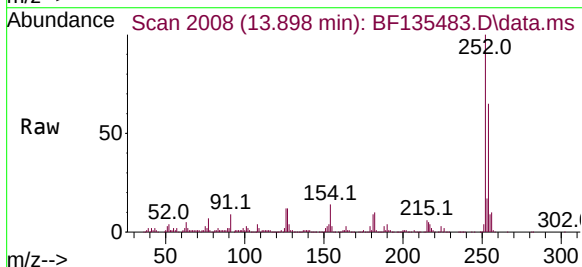
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

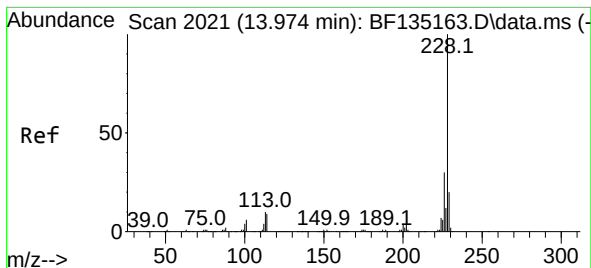
Tgt Ion:228 Resp: 811303
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 20.3 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 48.496 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:252 Resp: 239204
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.4
126 11.8 7.8 11.8#





#83

Chrysene

Concen: 50.823 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

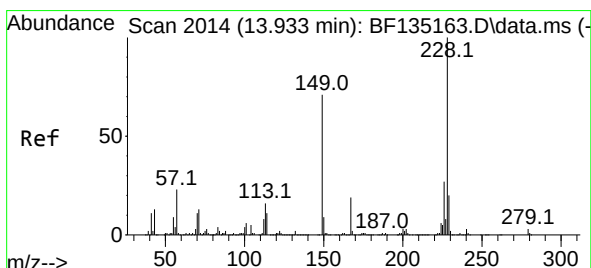
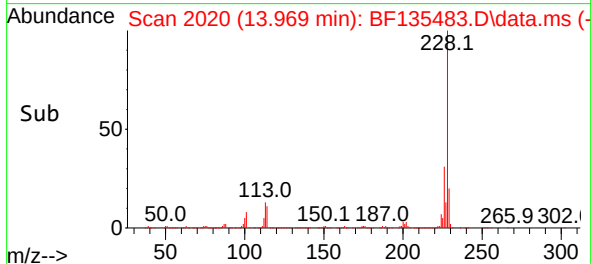
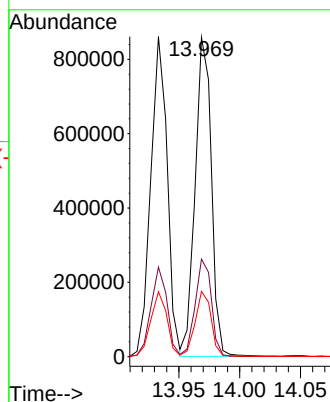
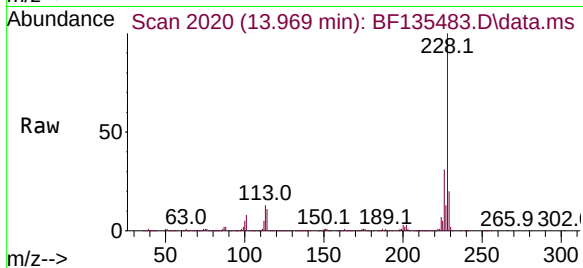
Tgt Ion:228 Resp: 797930

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.372 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

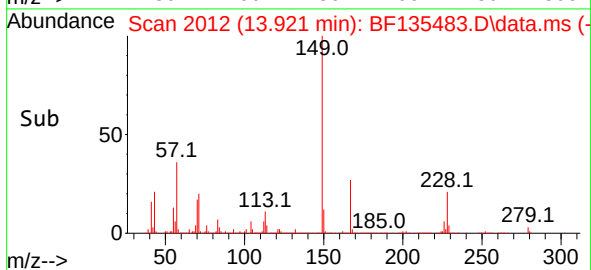
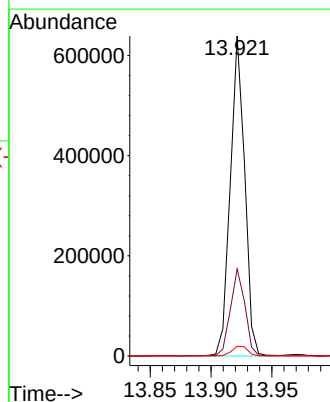
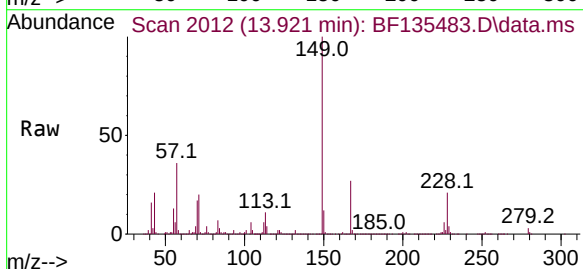
Tgt Ion:149 Resp: 524687

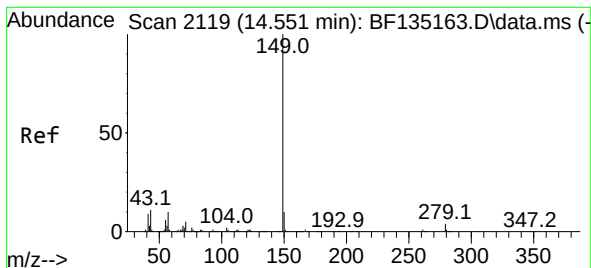
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 3.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 72.767 ng

RT: 14.539 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

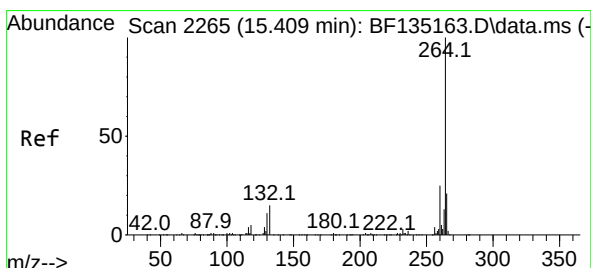
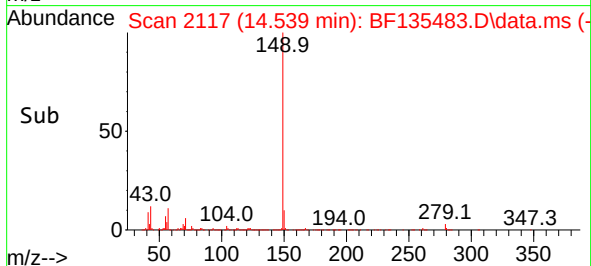
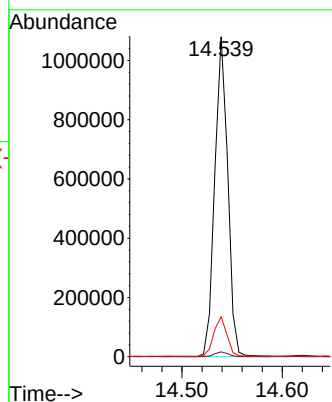
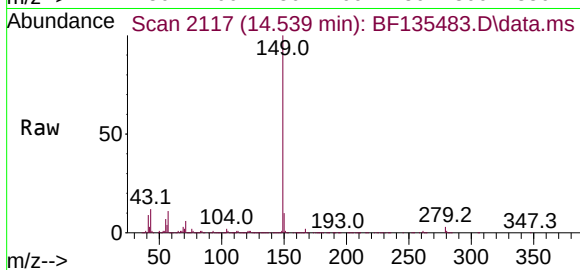
Tgt Ion:149 Resp: 972795

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

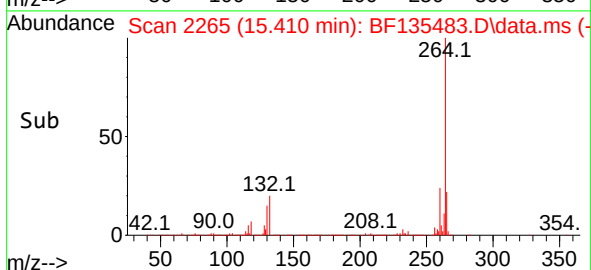
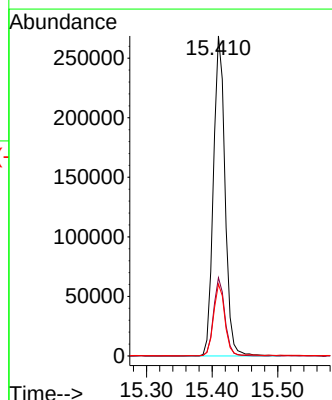
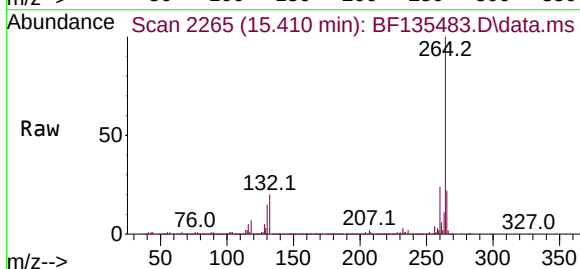
Tgt Ion:264 Resp: 331760

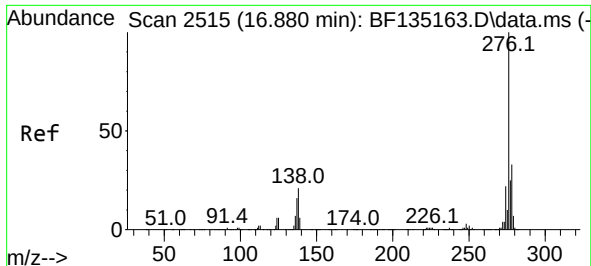
Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 22.5 17.0 25.4

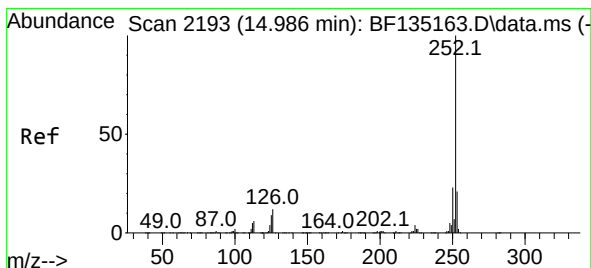
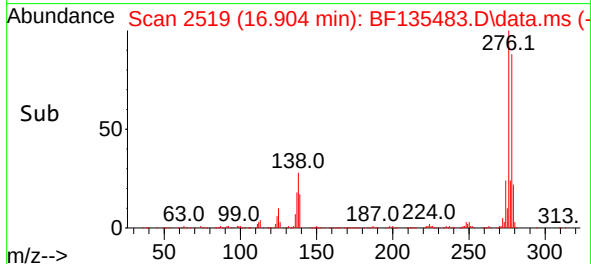
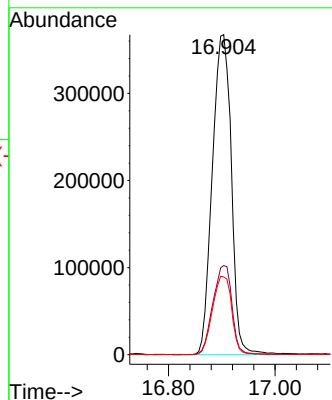
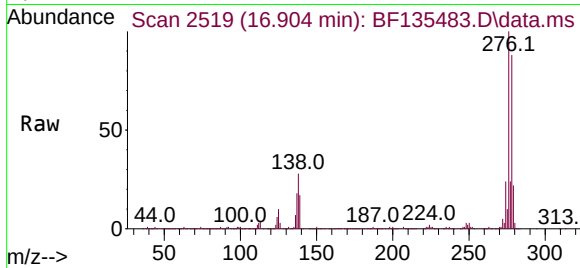




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.772 ng
RT: 16.904 min Scan# 2119
Delta R.T. 0.018 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

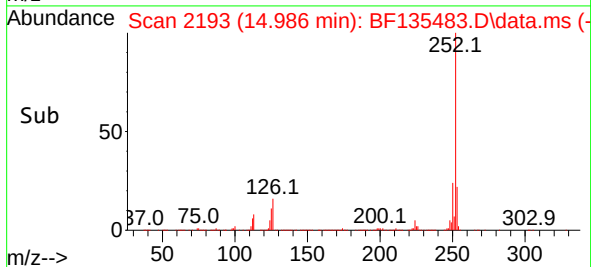
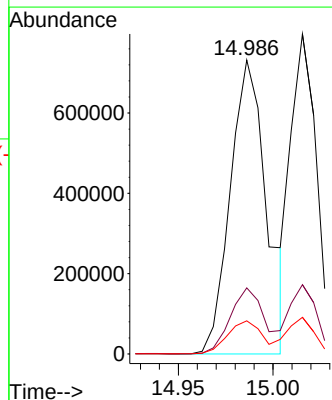
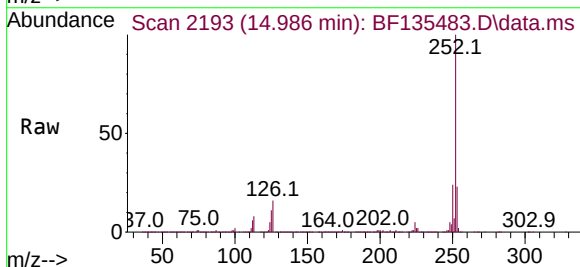
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

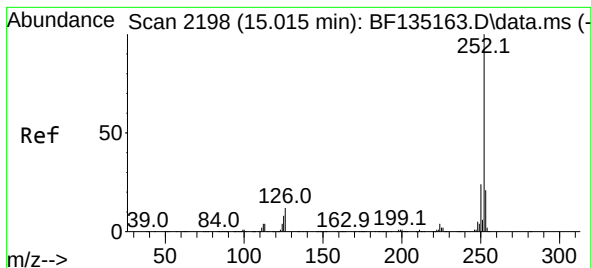
Tgt Ion:276 Resp: 908630
Ion Ratio Lower Upper
276 100
138 28.1 19.2 28.8
277 24.9 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 54.257 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF135483.D
Acq: 27 Sep 2023 20:37

Tgt Ion:252 Resp: 974428
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.3 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 42.776 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

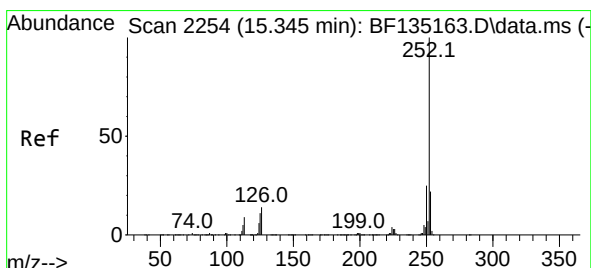
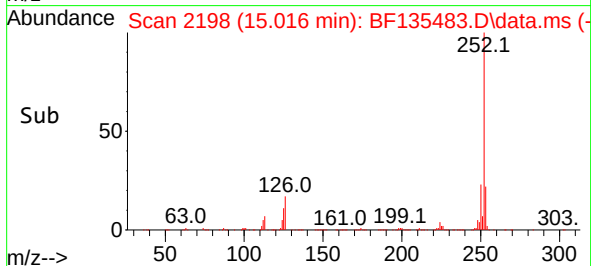
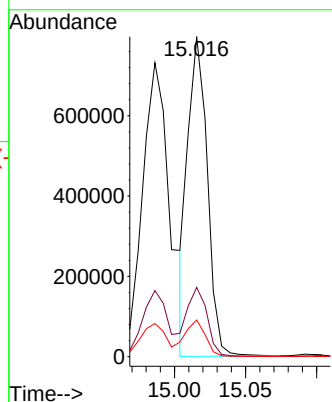
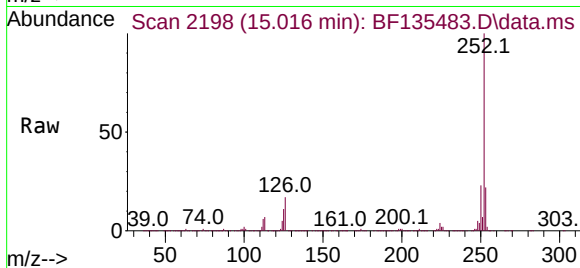
Tgt Ion:252 Resp: 758875

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 11.5 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 48.080 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

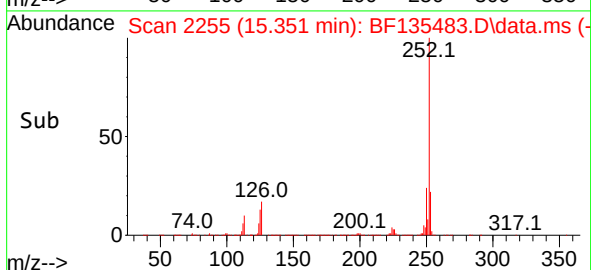
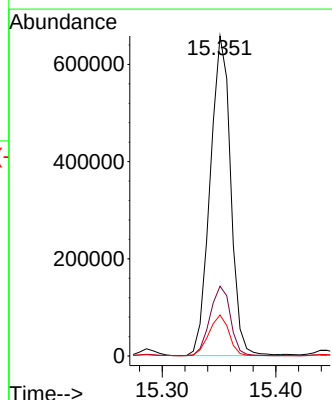
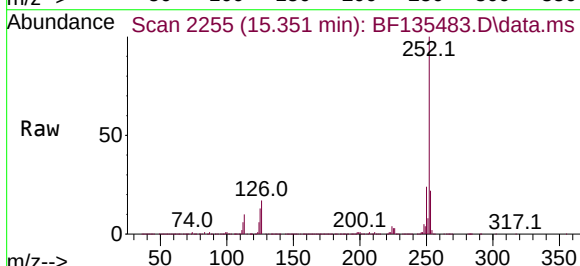
Tgt Ion:252 Resp: 823458

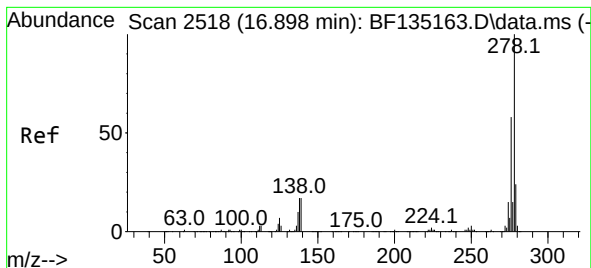
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 12.8 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 41.694 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

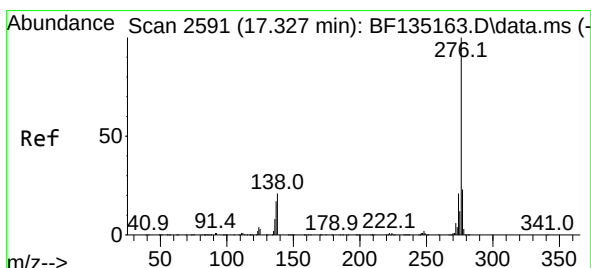
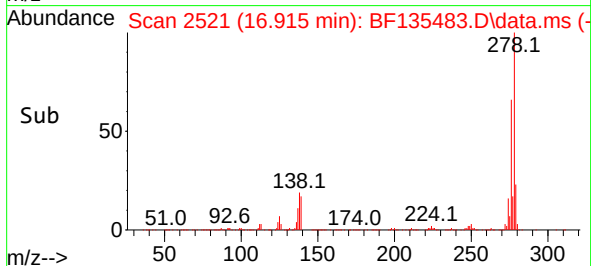
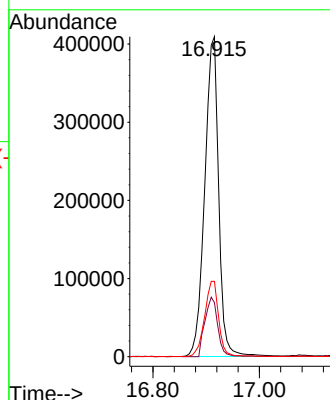
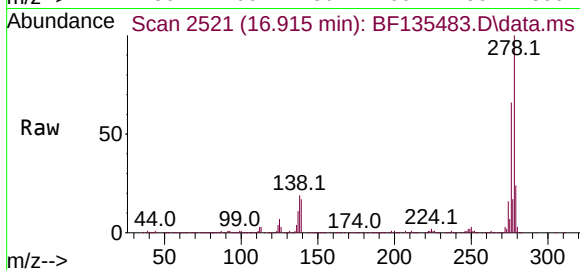
Tgt Ion:278 Resp: 742073

Ion Ratio Lower Upper

278 100

139 16.9 13.4 20.0

279 23.5 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 37.809 ng

RT: 17.351 min Scan# 2595

Delta R.T. 0.018 min

Lab File: BF135483.D

Acq: 27 Sep 2023 20:37

Tgt Ion:276 Resp: 702784

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 24.6 16.9 25.3

