

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135467.D
 Acq On : 27 Sep 2023 12:02
 Operator : CG\JU
 Sample : PB155849BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155849BS

Quant Time: Sep 28 01:42:43 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	166775	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	640872	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	309872	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	562529	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	293673	20.000	ng	0.00
86) Perylene-d12	15.410	264	287805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1334413	130.137	ng	0.02
7) Phenol-d6	6.410	99	1666430	127.809	ng	0.00
23) Nitrobenzene-d5	7.328	82	1075758	91.197	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	348231	113.085	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1707212	83.122	ng	0.00
79) Terphenyl-d14	12.886	244	1617503	85.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	201910	44.918	ng	94
3) Pyridine	3.304	79	513991	42.485	ng	92
4) n-Nitrosodimethylamine	3.257	42	330762	51.521	ng	95
6) Aniline	6.422	93	527610	30.858	ng	# 6
8) 2-Chlorophenol	6.545	128	546169	49.896	ng	98
9) Benzaldehyde	6.310	77	150820	20.305	ng	98
10) Phenol	6.422	94	613681	42.923	ng	85
11) bis(2-Chloroethyl)ether	6.498	93	546321	50.941	ng	100
12) 1,3-Dichlorobenzene	6.692	146	527251	47.396	ng	98
13) 1,4-Dichlorobenzene	6.775	146	539114	47.633	ng	98
14) 1,2-Dichlorobenzene	6.922	146	503965	47.948	ng	98
15) Benzyl Alcohol	6.910	79	431152	46.082	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.034	45	976492	48.306	ng	86
17) 2-Methylphenol	7.022	107	435353	45.070	ng	95
18) Hexachloroethane	7.257	117	205411	49.119	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	341791	42.322	ng	94
20) 3+4-Methylphenols	7.175	107	488922	42.093	ng	# 88
22) Acetophenone	7.169	105	683920	46.678	ng	94
24) Nitrobenzene	7.345	77	568788	48.785	ng	98
25) Isophorone	7.581	82	1054965	48.704	ng	98
26) 2-Nitrophenol	7.657	139	288016	51.470	ng	95
27) 2,4-Dimethylphenol	7.698	122	430916	45.814	ng	95
28) bis(2-Chloroethoxy)met...	7.792	93	643673	49.649	ng	99
29) 2,4-Dichlorophenol	7.904	162	418856	48.058	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	436053	47.866	ng	99
31) Naphthalene	8.057	128	1463619	47.004	ng	99
32) Benzoic acid	7.845	122	317259	44.794	ng	99
33) 4-Chloroaniline	8.110	127	318880	23.341	ng	98
34) Hexachlorobutadiene	8.169	225	246474	44.870	ng	99
35) Caprolactam	8.492	113	86773	29.665	ng	95
36) 4-Chloro-3-methylphenol	8.610	107	463730	47.873	ng	98
37) 2-Methylnaphthalene	8.751	142	907139	43.340	ng	99
38) 1-Methylnaphthalene	8.851	142	870211	44.407	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	424710	47.310	ng	98
41) Hexachlorocyclopentadiene	8.898	237	257974	66.581	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	276499	47.041	ng	98

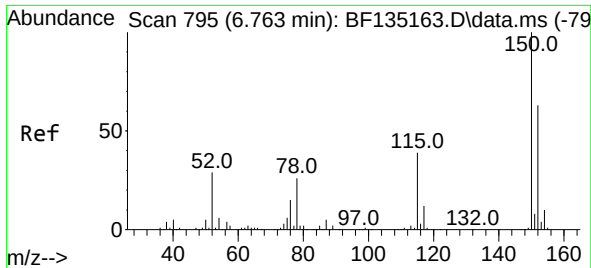
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 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	292473	43.208	ng	98
46) 1,1'-Biphenyl	9.216	154	1112882	46.734	ng	97
47) 2-Chloronaphthalene	9.239	162	839747	48.603	ng	98
48) 2-Nitroaniline	9.345	65	328314	48.912	ng	97
49) Acenaphthylene	9.657	152	1348777	46.972	ng	99
50) Dimethylphthalate	9.522	163	972950	46.440	ng	99
51) 2,6-Dinitrotoluene	9.592	165	219679	47.865	ng	88
52) Acenaphthene	9.828	154	792159	46.699	ng	96
53) 3-Nitroaniline	9.763	138	183346	34.033	ng	92
54) 2,4-Dinitrophenol	9.881	184	205798	79.066	ng	93
55) Dibenzofuran	10.004	168	1109586	42.866	ng	99
56) 4-Nitrophenol	9.945	139	277990	81.190	ng	98
57) 2,4-Dinitrotoluene	10.004	165	243892	42.448	ng	90
58) Fluorene	10.345	166	902583	45.357	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.128	232	234594	45.054	ng	99
60) Diethylphthalate	10.228	149	955653	45.452	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	413639	43.272	ng	93
62) 4-Nitroaniline	10.380	138	241491	46.633	ng	95
63) Azobenzene	10.498	77	987250	47.977	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	140892	47.156	ng	91
66) n-Nitrosodiphenylamine	10.463	169	834901	49.024	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	260433	46.549	ng	96
68) Hexachlorobenzene	10.898	284	273673	48.015	ng	96
69) Atrazine	10.998	200	256713	56.022	ng	97
70) Pentachlorophenol	11.098	266	249652	73.208	ng	98
71) Phenanthrene	11.316	178	1289653	48.474	ng	99
72) Anthracene	11.363	178	1325344	48.463	ng	100
73) Carbazole	11.527	167	1251367	50.266	ng	99
74) Di-n-butylphthalate	11.857	149	1478046	50.386	ng	99
75) Fluoranthene	12.510	202	1358340	48.998	ng	100
77) Benzidine	12.633	184	440800	73.266	ng	99
78) Pyrene	12.739	202	1369884	48.995	ng	100
80) Butylbenzylphthalate	13.363	149	561184	57.006	ng	99
81) Benzo(a)anthracene	13.933	228	950081	50.101	ng	98
82) 3,3'-Dichlorobenzidine	13.898	252	224771	37.947	ng	# 99
83) Chrysene	13.974	228	928111	49.227	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	679617	67.276	ng	99
85) Di-n-octyl phthalate	14.539	149	1033152	64.355	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	996789	52.823	ng	96
88) Benzo(b)fluoranthene	15.015	252	727845	46.717	ng	98
89) Benzo(k)fluoranthene	15.015	252	727845	47.293	ng	99
90) Benzo(a)pyrene	15.351	252	702696	47.296	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	793443	51.389	ng	96
92) Benzo(g,h,i)perylene	17.351	276	837338	51.928	ng	96

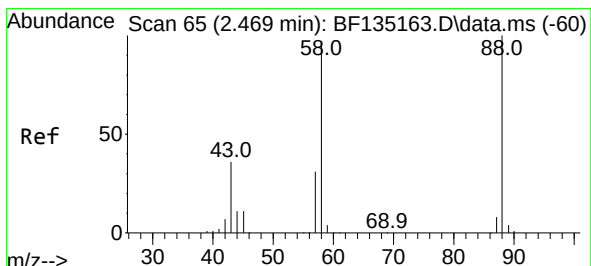
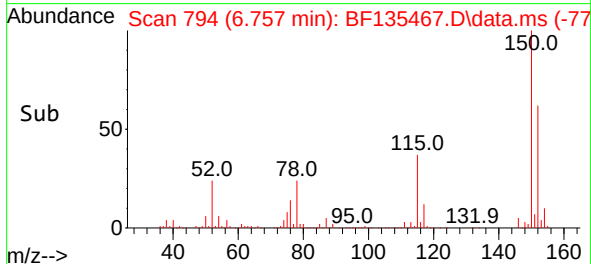
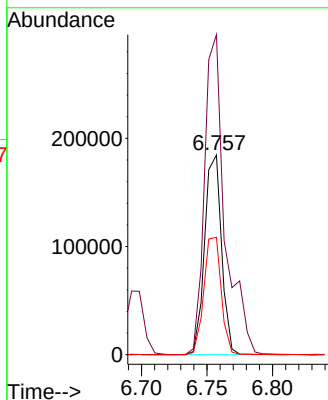
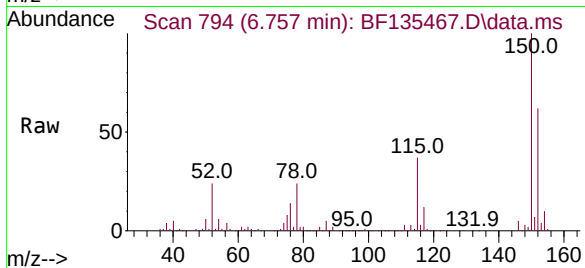
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF135467.D
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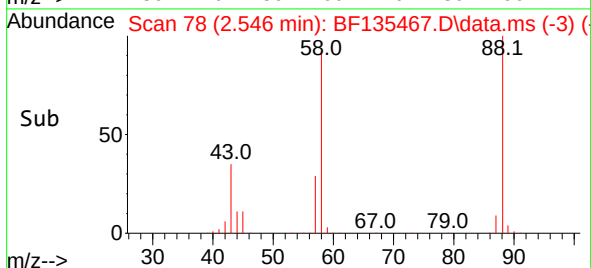
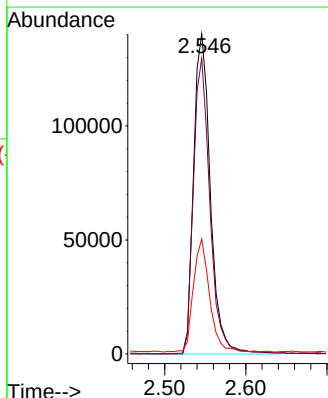
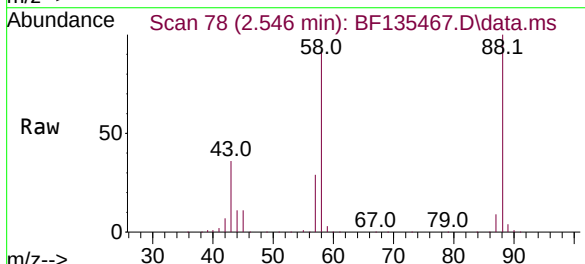
Instrument :
 BNA_F
 ClientSampleId :
 PB155849BS

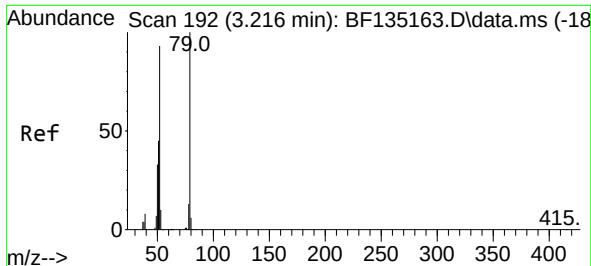
Tgt Ion:152 Resp: 166775
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.8 191.6
 115 58.8 49.8 74.8



#2
 1,4-Dioxane
 Concen: 44.918 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.094 min
 Lab File: BF135467.D
 Acq: 27 Sep 2023 12:02

Tgt Ion: 88 Resp: 201910
 Ion Ratio Lower Upper
 88 100
 58 91.4 78.3 117.5
 43 34.0 29.4 44.0

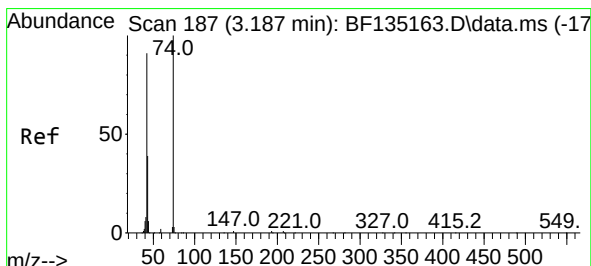
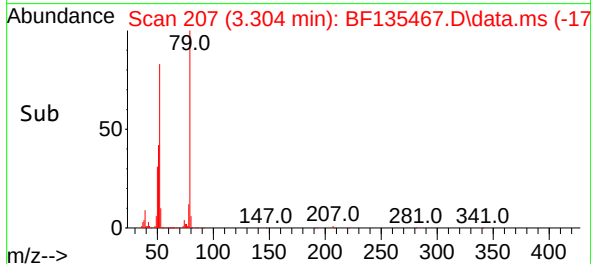
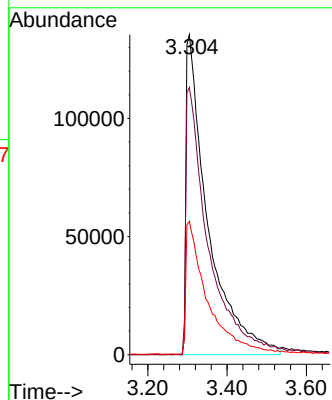
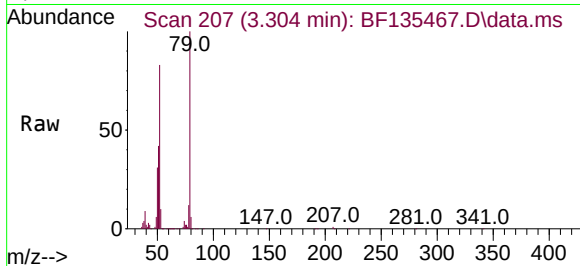




#3
Pyridine
Concen: 42.485 ng
RT: 3.304 min Scan# 20
Delta R.T. 0.106 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

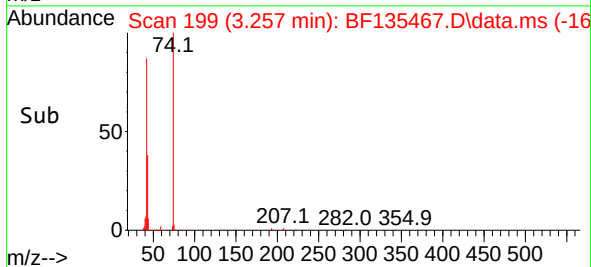
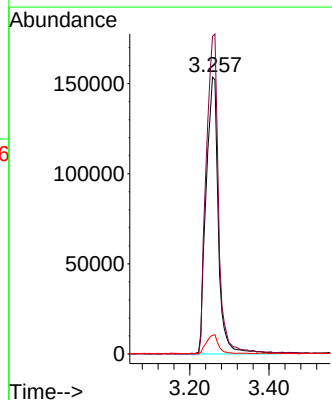
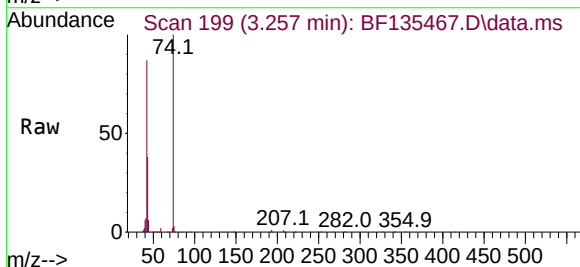
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ClientSampleId :
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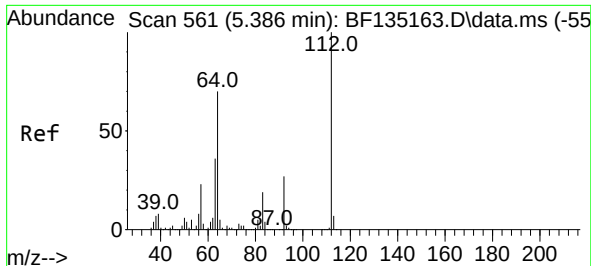
Tgt Ion: 79 Resp: 513991
Ion Ratio Lower Upper
79 100
52 83.5 74.1 111.1
51 41.7 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 51.521 ng
RT: 3.257 min Scan# 199
Delta R.T. 0.088 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion: 42 Resp: 330762
Ion Ratio Lower Upper
42 100
74 114.7 87.7 131.5
44 6.7 5.6 8.4

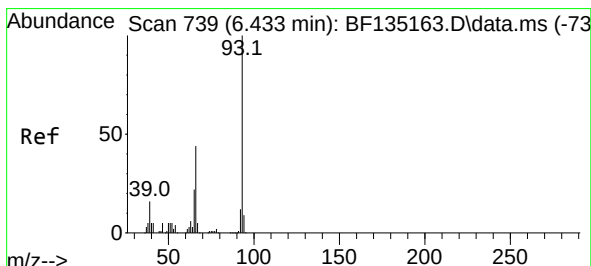
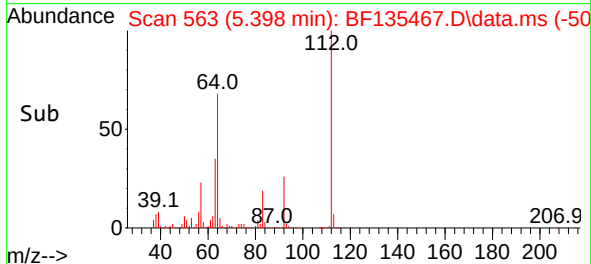
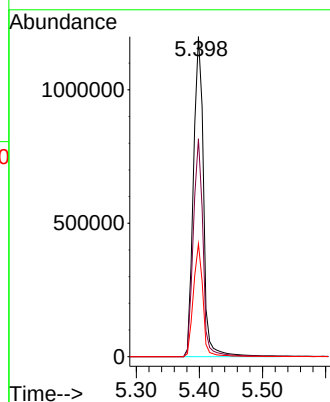
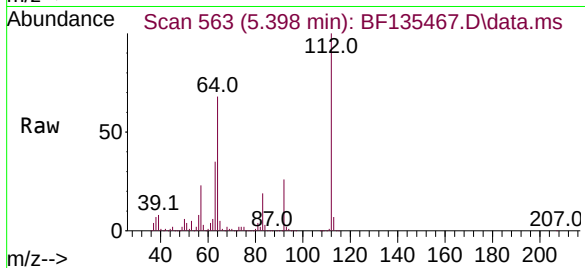




#5
2-Fluorophenol
Concen: 130.137 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

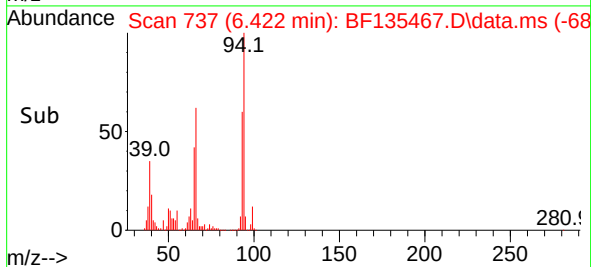
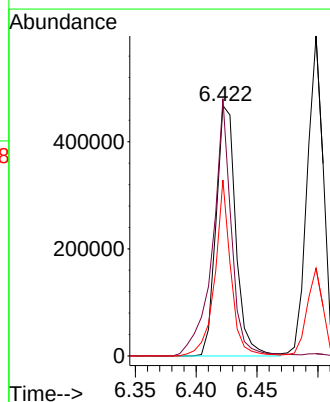
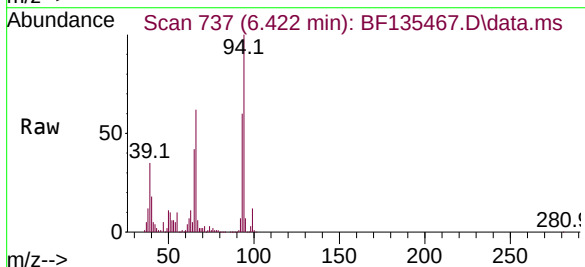
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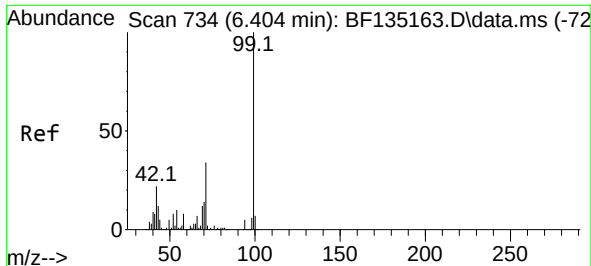
Tgt Ion:112 Resp: 1334413
Ion Ratio Lower Upper
112 100
64 68.1 55.9 83.9
63 35.3 29.0 43.6



#6
Aniline
Concen: 30.858 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion: 93 Resp: 527610
Ion Ratio Lower Upper
93 100
66 102.7 35.4 53.0#
65 70.2 17.8 26.8#





#7

Phenol-d6

Concen: 127.809 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

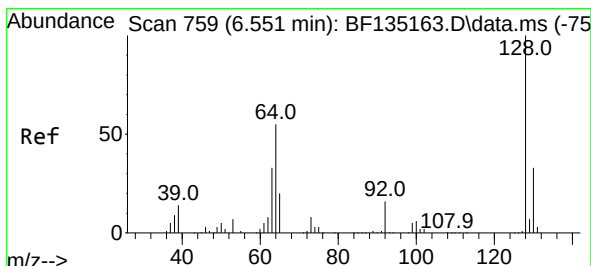
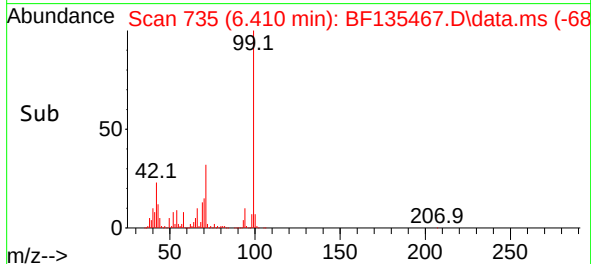
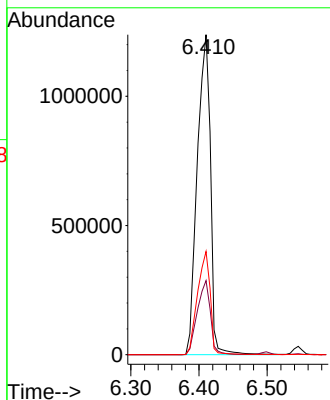
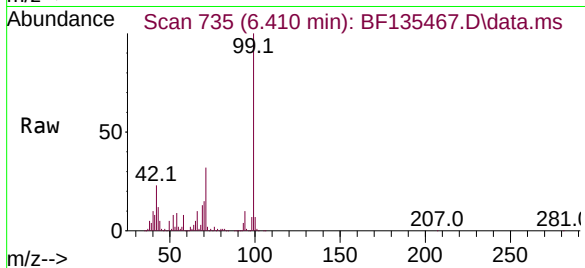
BNA_F

ClientSampleId :

PB155849BS

Tgt Ion: 99 Resp: 1666430

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	32.2	27.0	40.6



#8

2-Chlorophenol

Concen: 49.896 ng

RT: 6.545 min Scan# 758

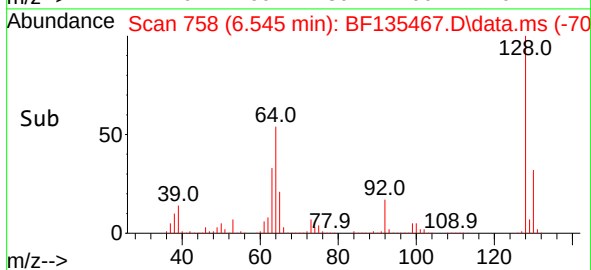
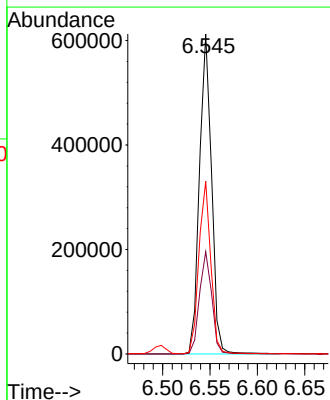
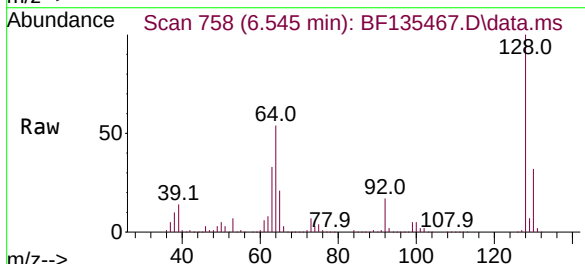
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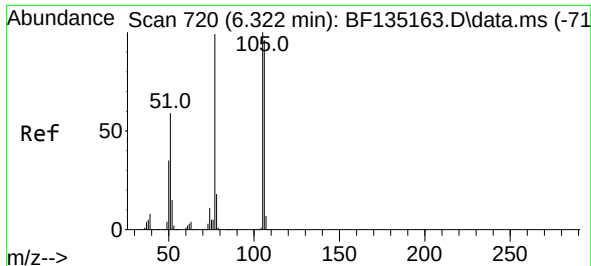
Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Tgt Ion:128 Resp: 546169

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.7	52.7
64	53.9	35.9	75.9





#9

Benzaldehyde

Concen: 20.305 ng

RT: 6.310 min Scan# 718

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

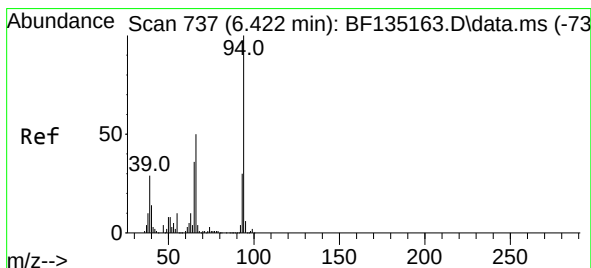
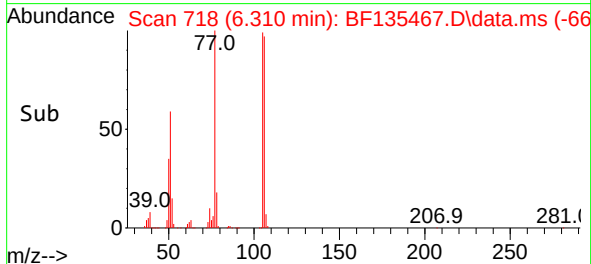
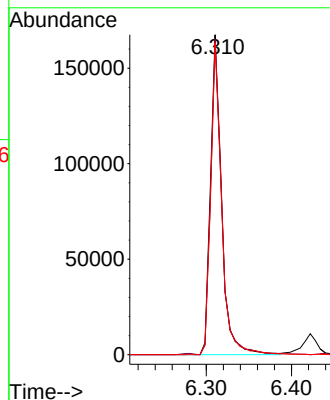
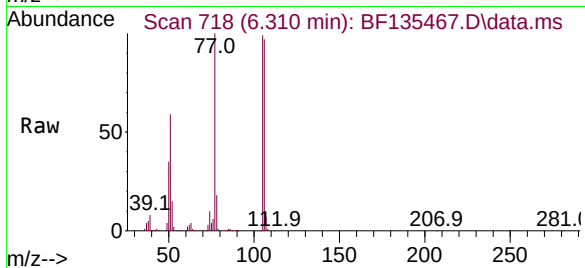
Tgt Ion: 77 Resp: 150820

Ion Ratio Lower Upper

77 100

105 98.6 81.4 121.4

106 97.5 76.9 116.9



#10

Phenol

Concen: 42.923 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

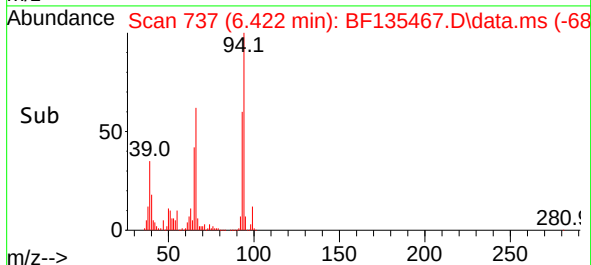
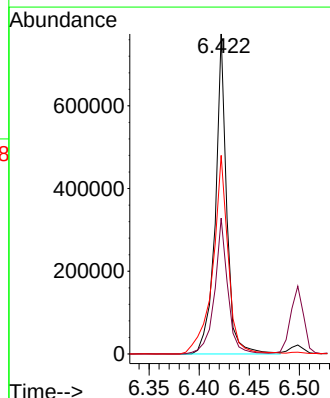
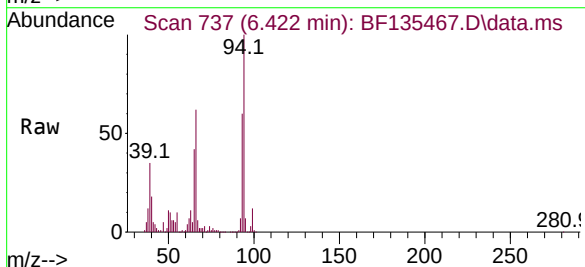
Tgt Ion: 94 Resp: 613681

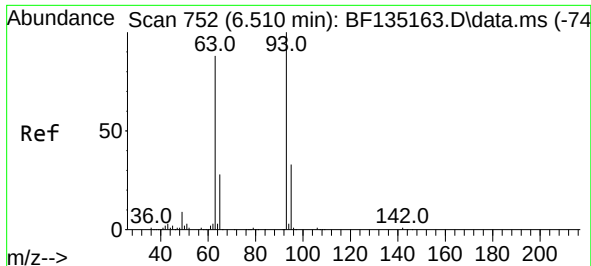
Ion Ratio Lower Upper

94 100

65 42.5 15.9 55.9

66 62.1 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 50.941 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

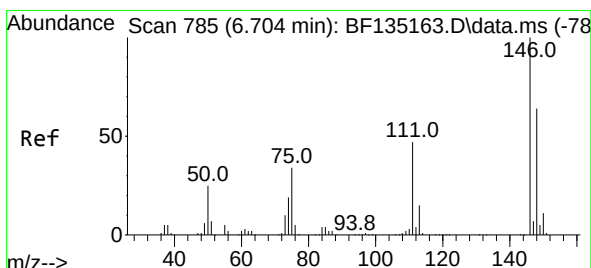
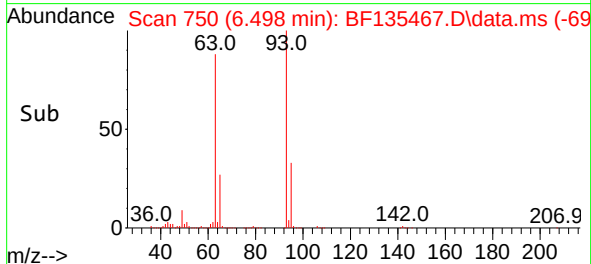
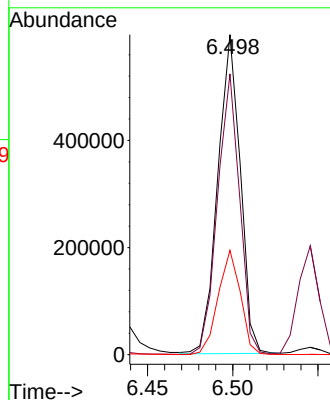
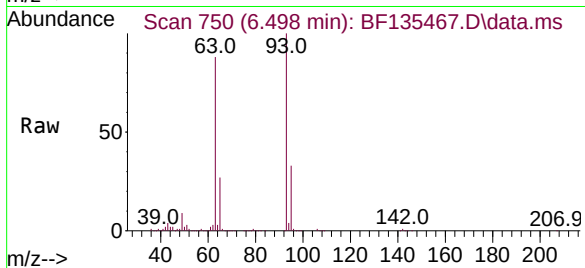
Tgt Ion: 93 Resp: 546321

Ion Ratio Lower Upper

93 100

63 87.7 67.3 107.3

95 32.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 47.396 ng

RT: 6.692 min Scan# 783

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

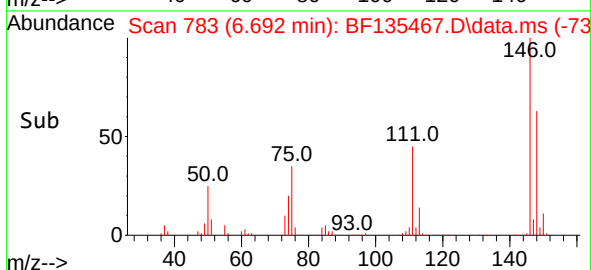
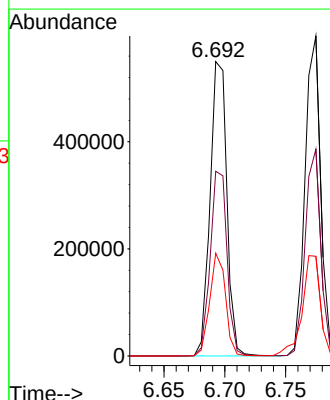
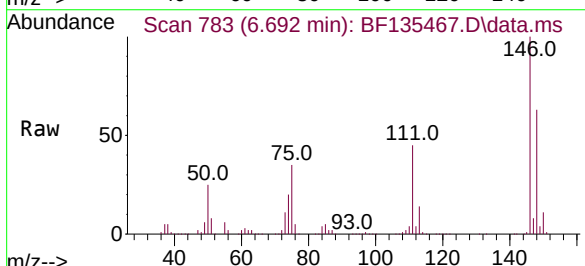
Tgt Ion:146 Resp: 527251

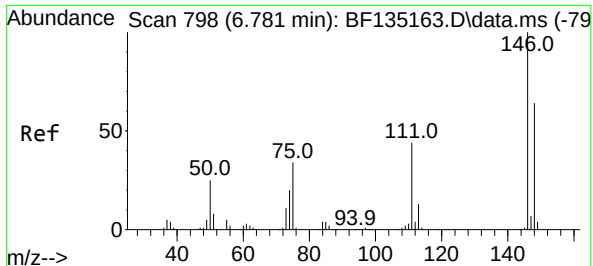
Ion Ratio Lower Upper

146 100

148 62.7 51.3 76.9

75 34.9 27.4 41.2

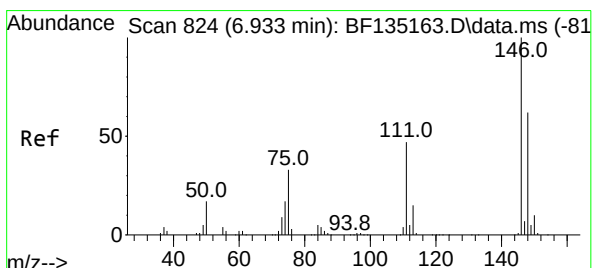
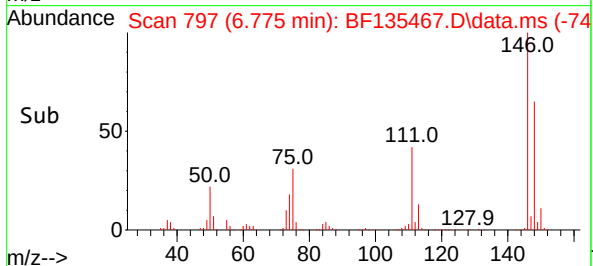
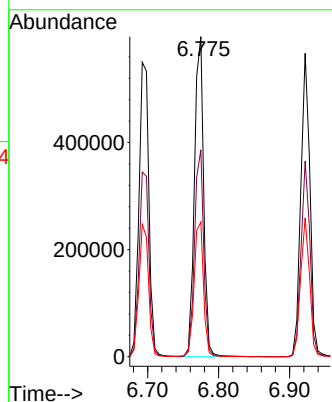
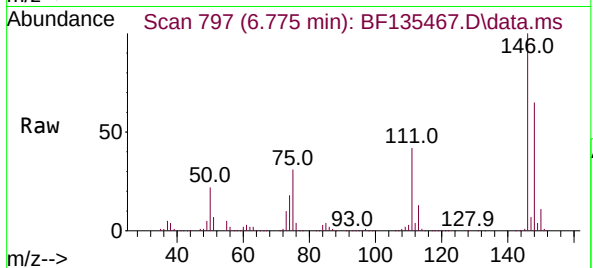




#13
1,4-Dichlorobenzene
Concen: 47.633 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

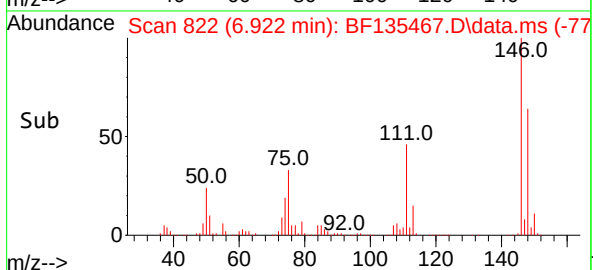
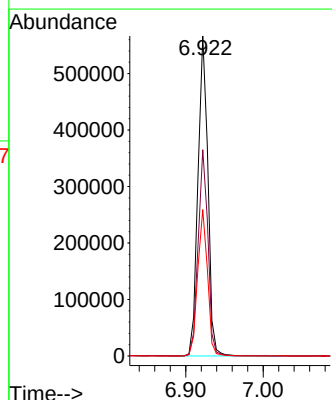
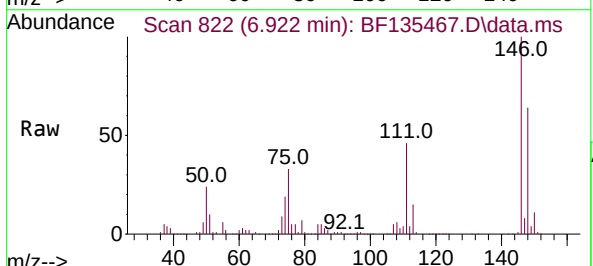
Instrument :
BNA_F
ClientSampleId :
PB155849BS

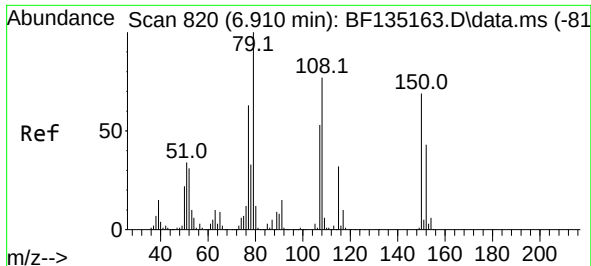
Tgt Ion:146 Resp: 539114
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
111 42.1 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 47.948 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:146 Resp: 503965
Ion Ratio Lower Upper
146 100
148 64.4 49.7 74.5
111 45.7 37.4 56.2

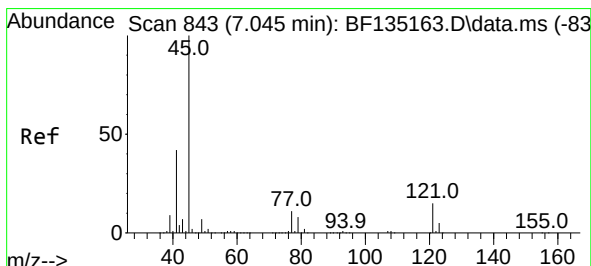
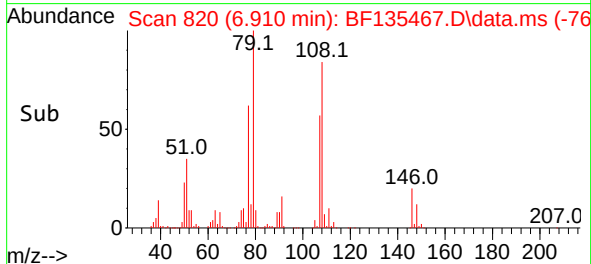
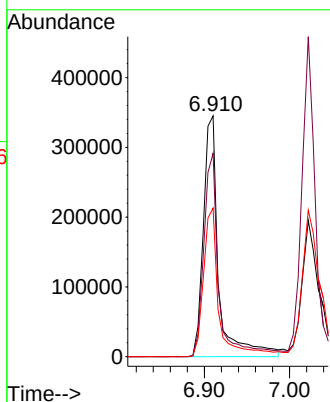
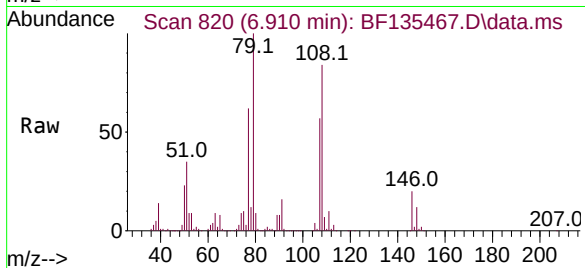




#15
Benzyl Alcohol
Concen: 46.082 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

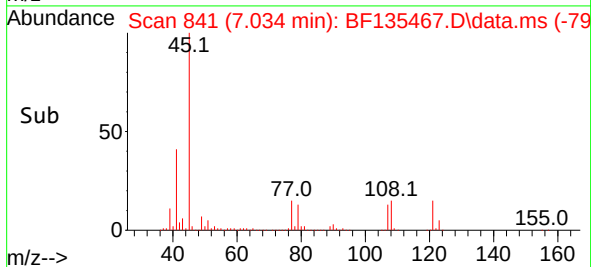
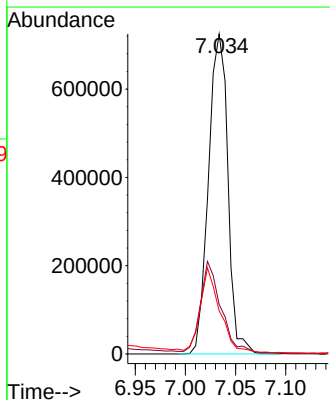
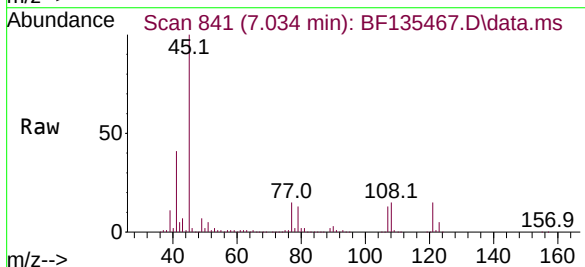
Instrument :
BNA_F
ClientSampleId :
PB155849BS

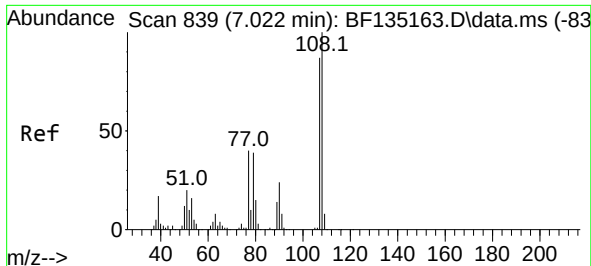
Tgt Ion: 79 Resp: 431152
Ion Ratio Lower Upper
79 100
108 84.5 61.2 91.8
77 61.8 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.306 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion: 45 Resp: 976492
Ion Ratio Lower Upper
45 100
77 15.5 0.0 30.6
79 13.5 0.0 28.3

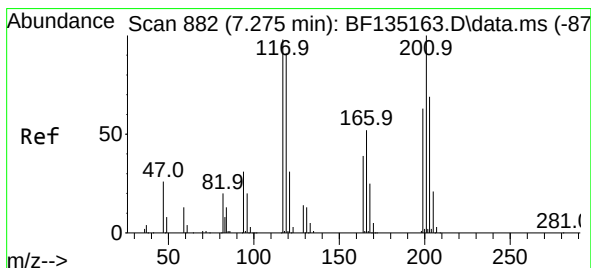
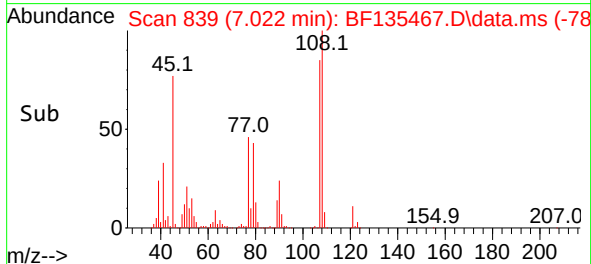
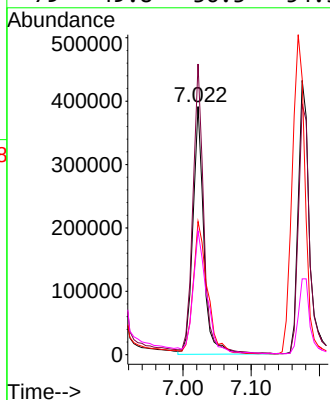
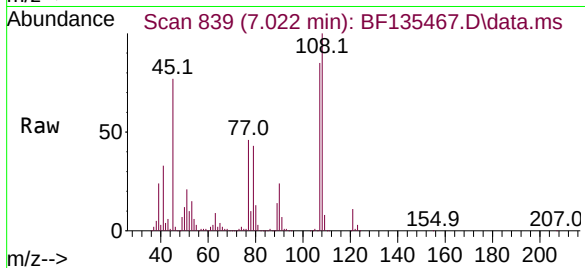




#17
2-Methylphenol
Concen: 45.070 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

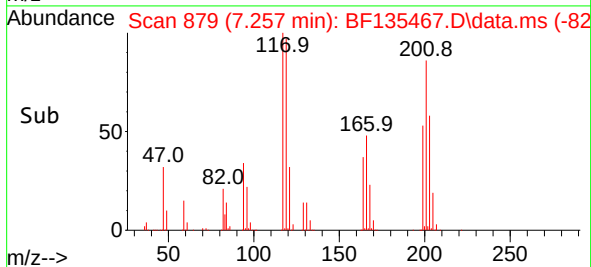
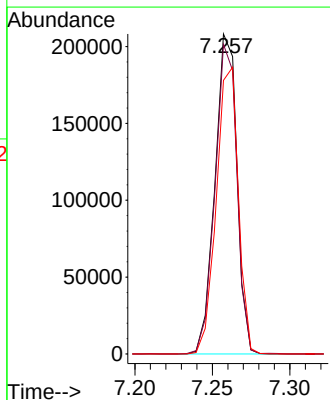
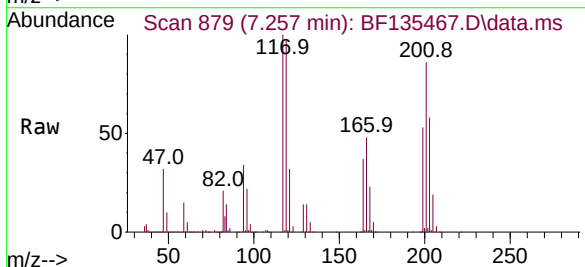
Instrument :
BNA_F
ClientSampleId :
PB155849BS

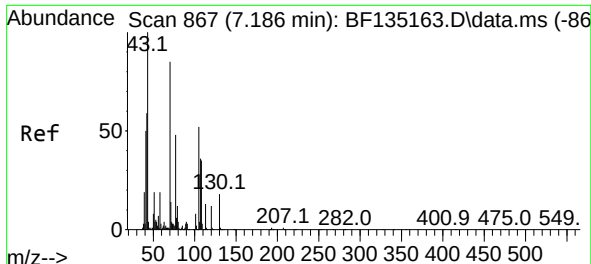
Tgt Ion:	107	Resp:	435353
Ion	Ratio	Lower	Upper
107	100		
108	117.1	92.0	138.0
77	53.7	36.7	55.1
79	49.8	36.3	54.5



#18
Hexachloroethane
Concen: 49.119 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:	117	Resp:	205411
Ion	Ratio	Lower	Upper
117	100		
119	96.7	74.7	112.1
201	85.5	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.322 ng

RT: 7.175 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

Tgt Ion: 70 Resp: 341791

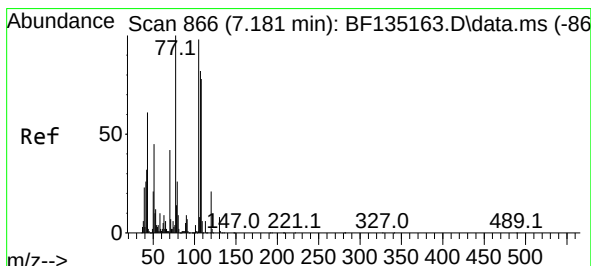
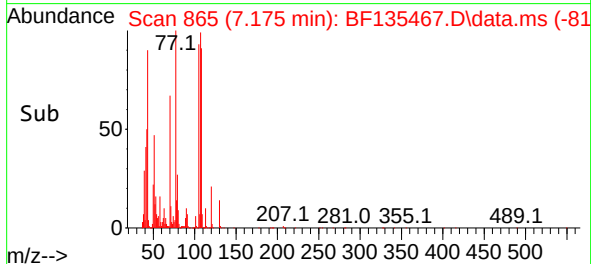
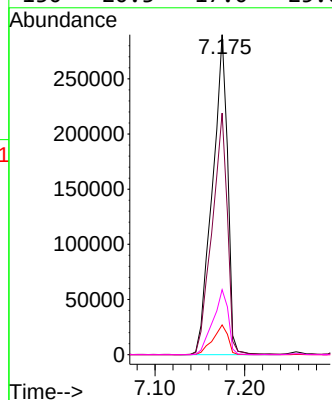
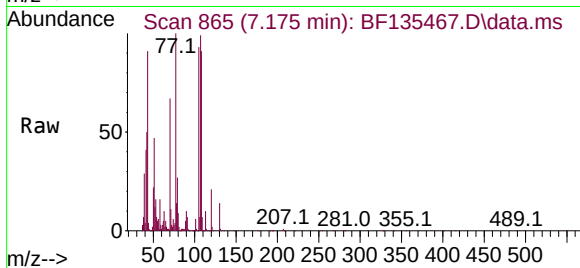
Ion Ratio Lower Upper

70 100

42 75.5 55.4 83.0

101 9.3 7.7 11.5

130 20.3 17.0 25.6



#20

3+4-Methylphenols

Concen: 42.093 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Tgt Ion: 107 Resp: 488922

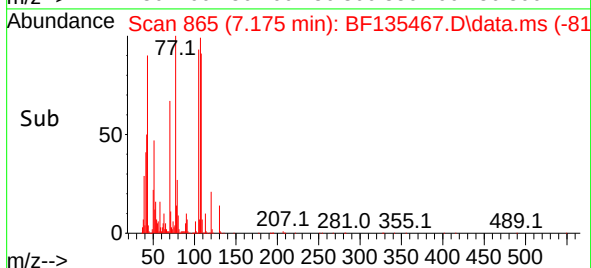
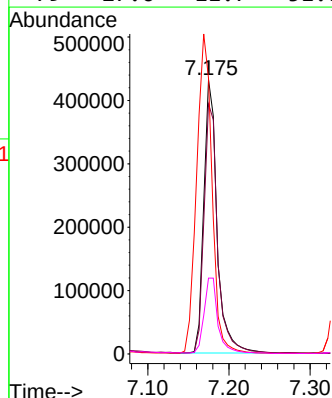
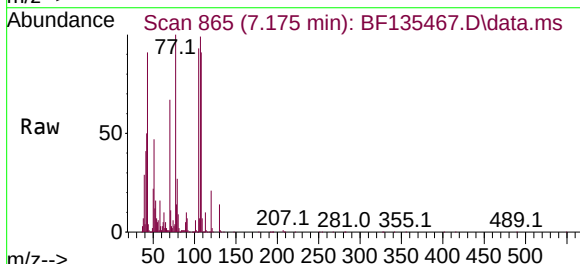
Ion Ratio Lower Upper

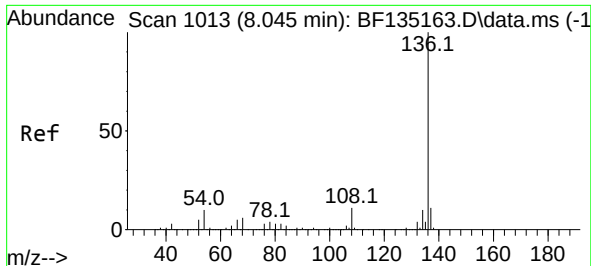
107 100

108 91.2 74.7 114.7

77 100.5 102.0 142.0#

79 27.6 11.7 51.7

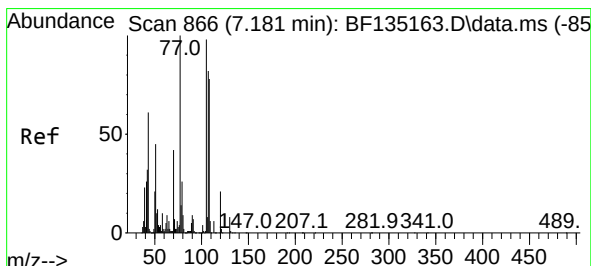
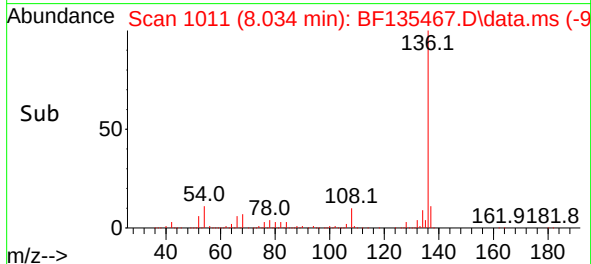
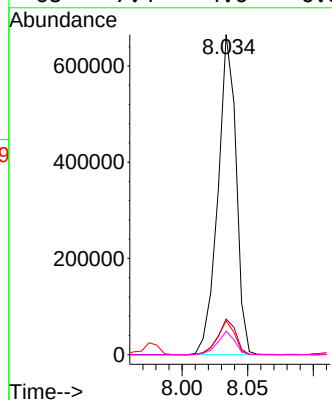
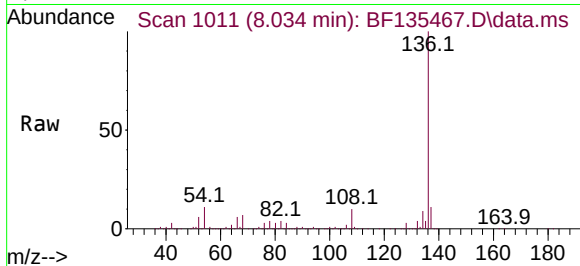




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

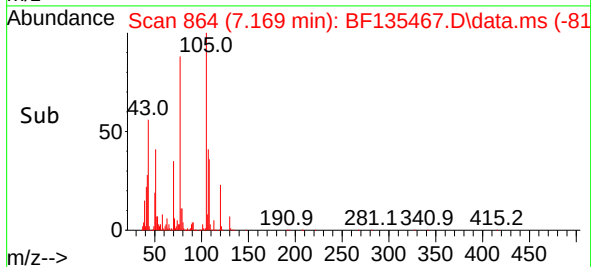
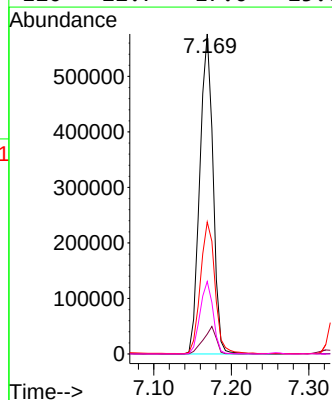
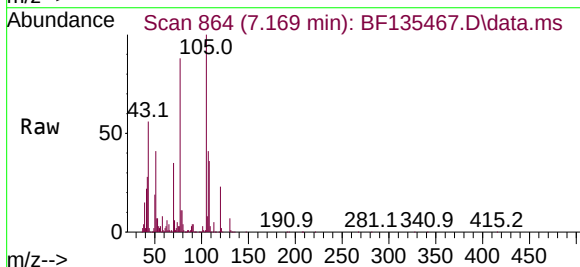
Instrument :
BNA_F
ClientSampleId :
PB155849BS

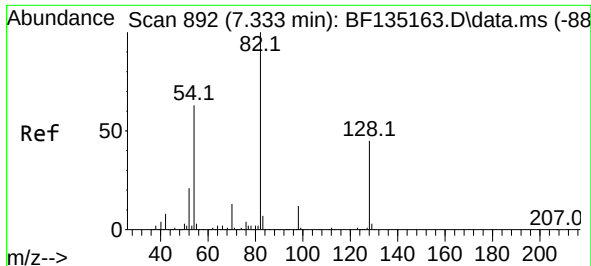
Tgt Ion:136 Resp: 640872
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.6 7.7 11.5
68 7.4 4.6 6.8#



#22
Acetophenone
Concen: 46.678 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:105 Resp: 683920
Ion Ratio Lower Upper
105 100
71 6.2 5.8 8.6
51 41.3 37.0 55.4
120 22.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.197 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

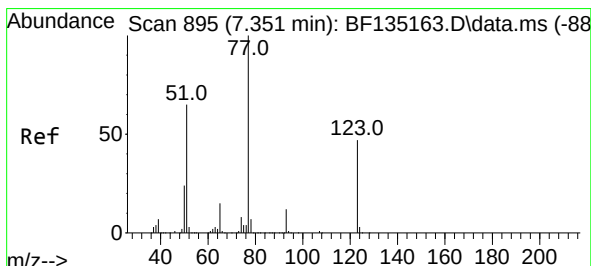
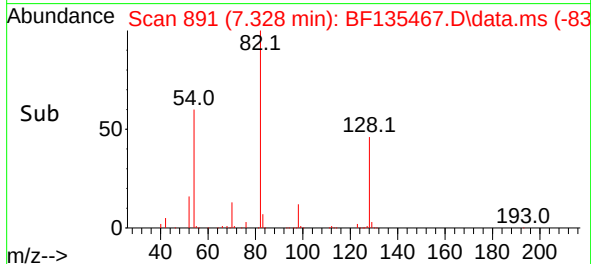
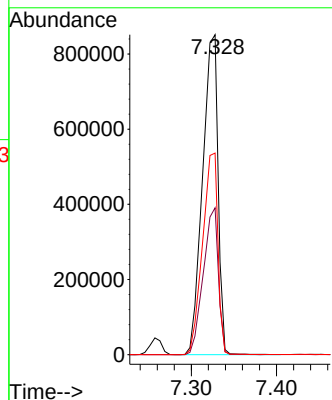
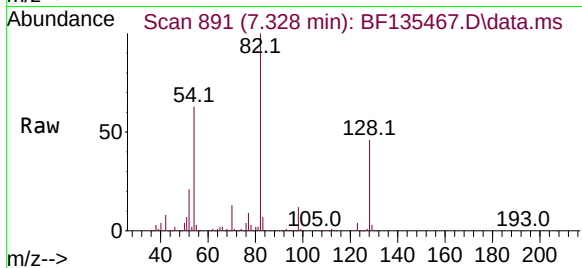
BNA_F

ClientSampleId :

PB155849BS

Tgt Ion: 82 Resp: 1075758

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.8	53.6
54	63.0	50.6	76.0



#24

Nitrobenzene

Concen: 48.785 ng

RT: 7.345 min Scan# 894

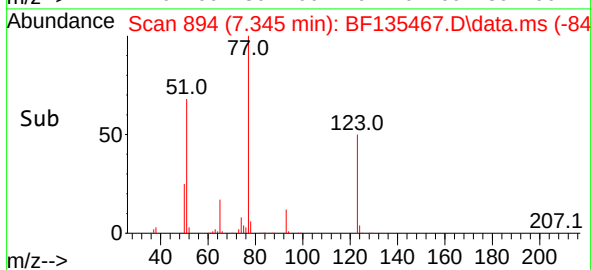
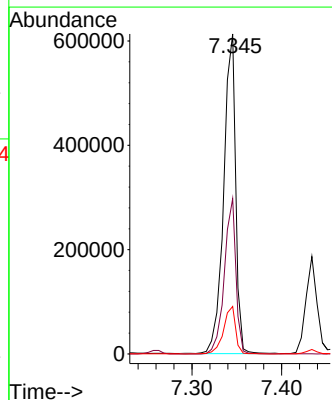
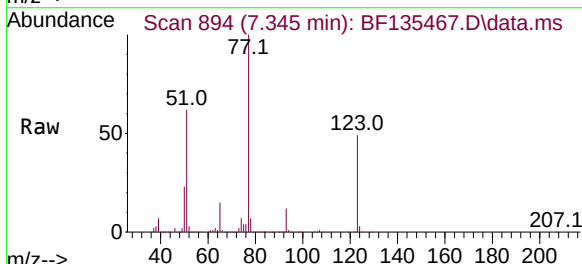
Delta R.T. 0.006 min

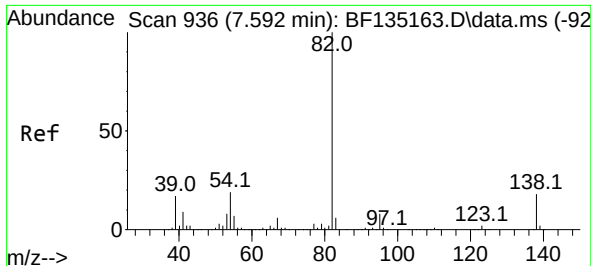
Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Tgt Ion: 77 Resp: 568788

Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.6	56.4
65	14.8	12.2	18.4

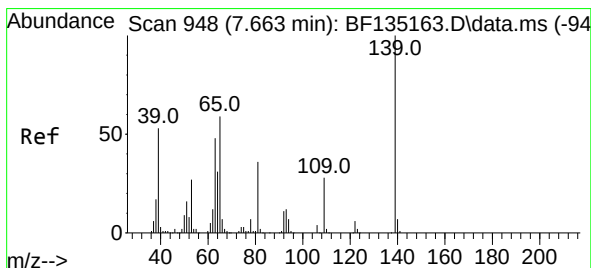
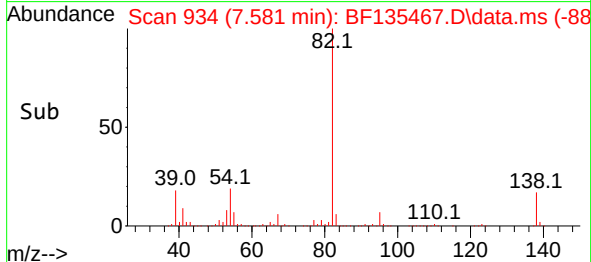
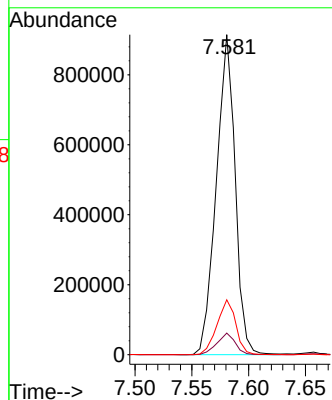
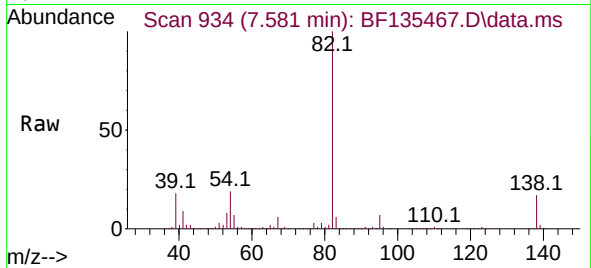




#25
Isophorone
Concen: 48.704 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

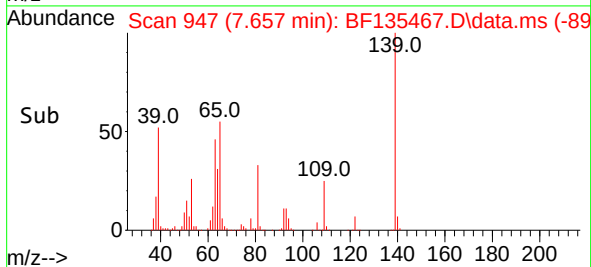
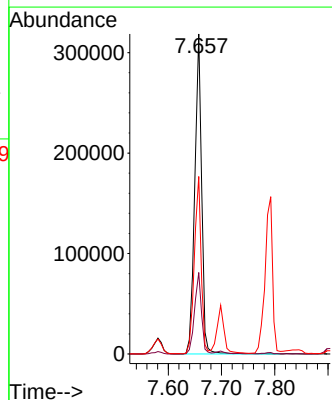
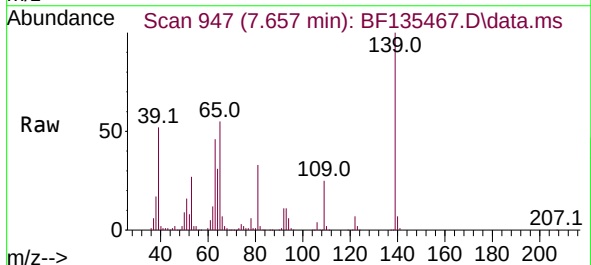
Instrument :
BNA_F
ClientSampleId :
PB155849BS

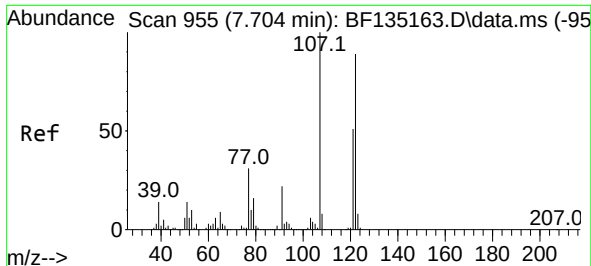
Tgt Ion: 82 Resp: 1054965
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.2 14.5 21.7



#26
2-Nitrophenol
Concen: 51.470 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion: 139 Resp: 288016
Ion Ratio Lower Upper
139 100
109 25.5 22.6 33.8
65 55.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.814 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135467.D

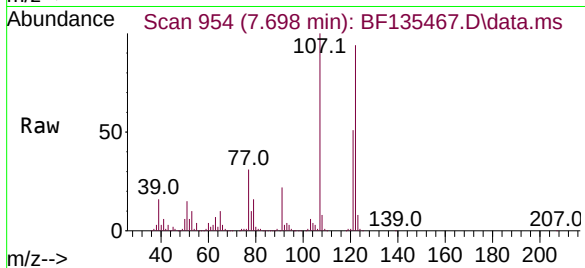
Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS



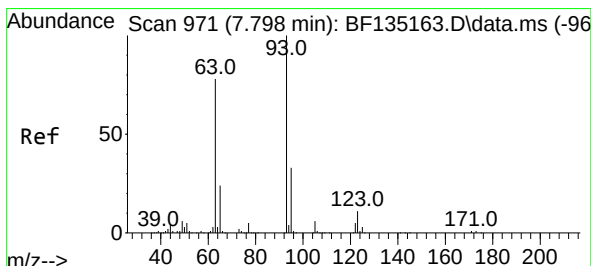
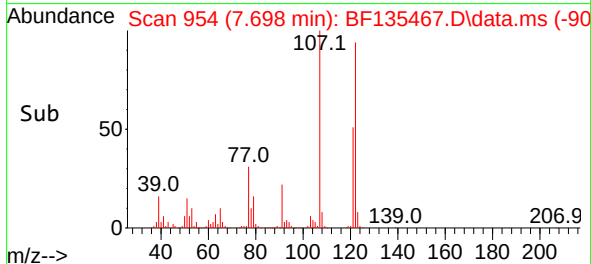
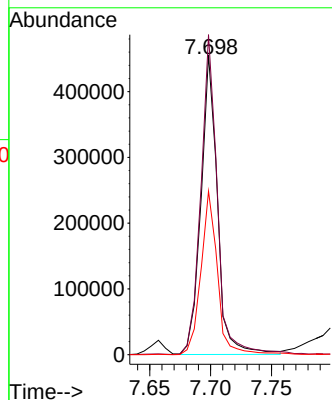
Tgt Ion:122 Resp: 430916

Ion Ratio Lower Upper

122 100

107 106.8 90.2 135.4

121 54.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.649 ng

RT: 7.792 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

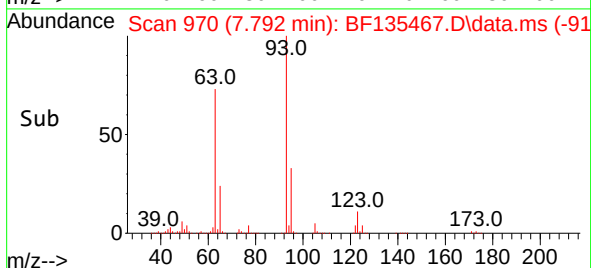
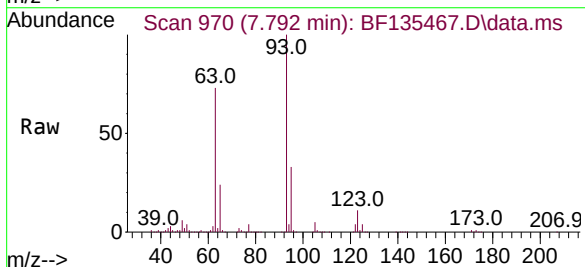
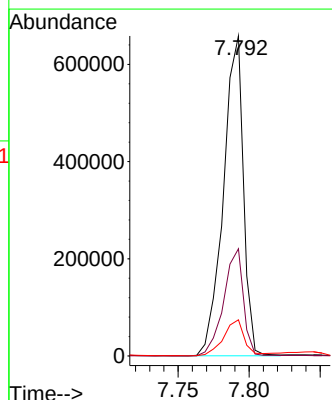
Tgt Ion: 93 Resp: 643673

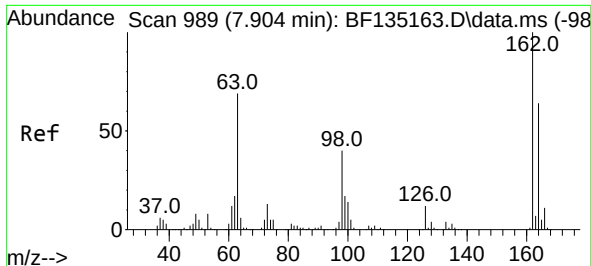
Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.2

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.058 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF135467.D

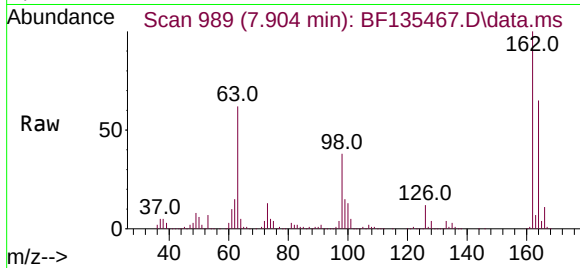
Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS



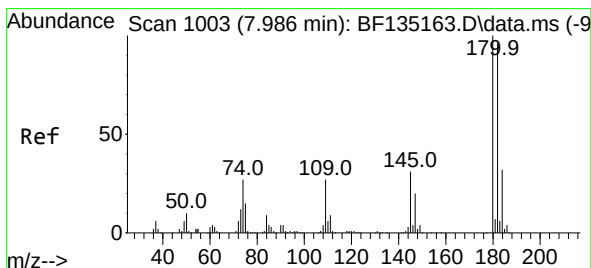
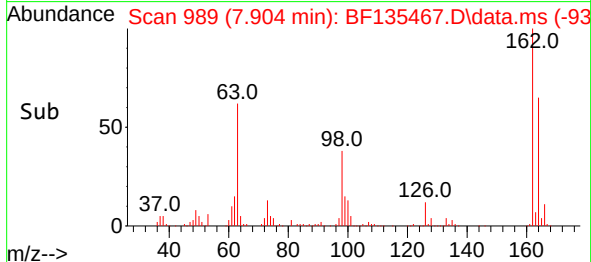
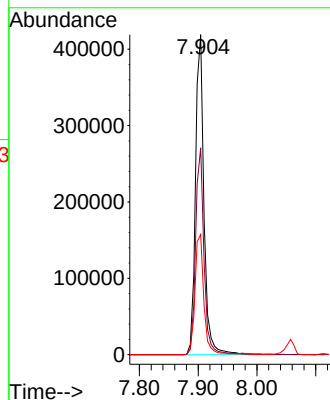
Tgt Ion:162 Resp: 418856

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

98 37.5 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 47.866 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

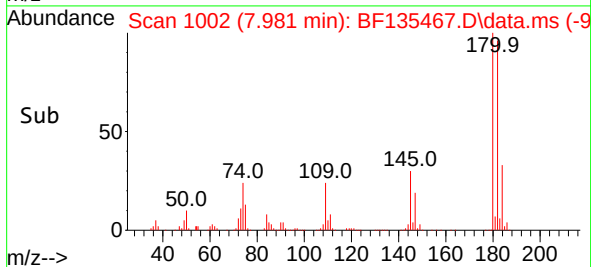
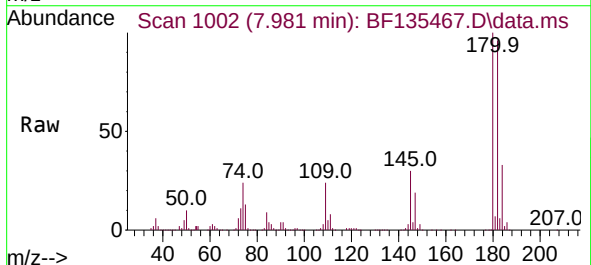
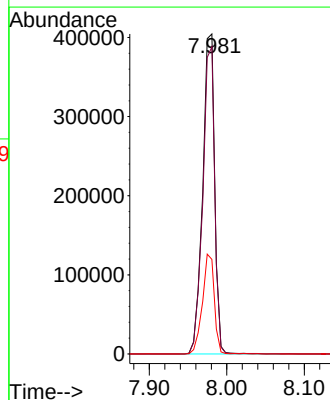
Tgt Ion:180 Resp: 436053

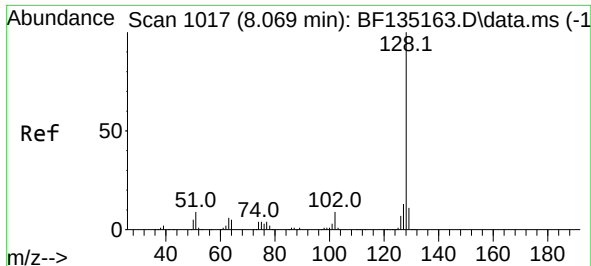
Ion Ratio Lower Upper

180 100

182 96.0 76.9 115.3

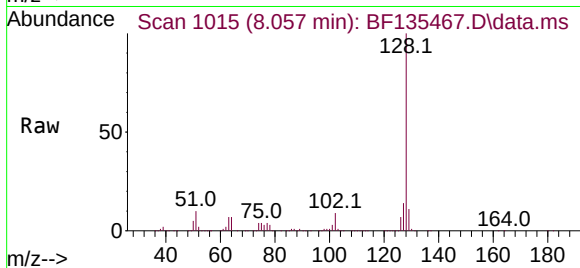
145 29.5 24.5 36.7



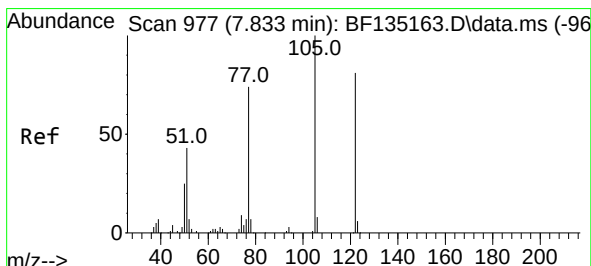
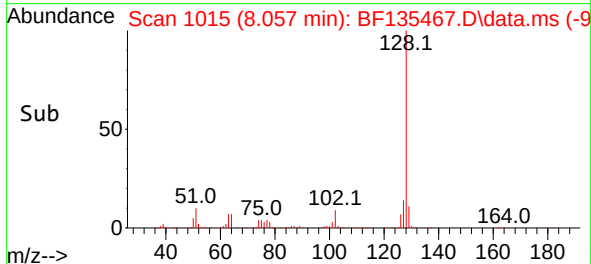
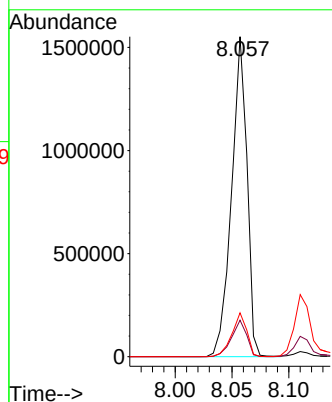


#31
Naphthalene
Concen: 47.004 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Instrument :
BNA_F
ClientSampleId :
PB155849BS

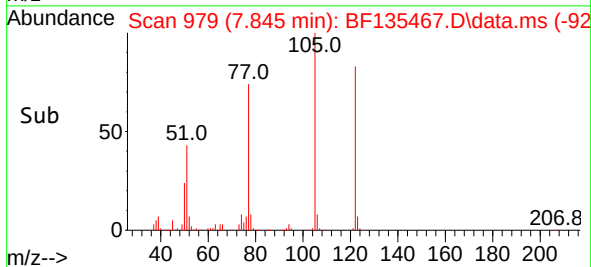
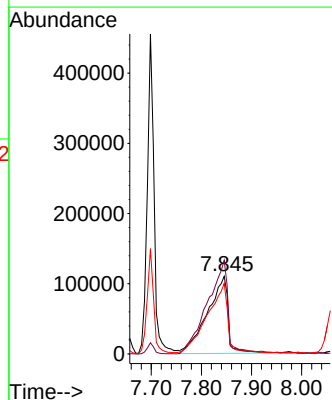
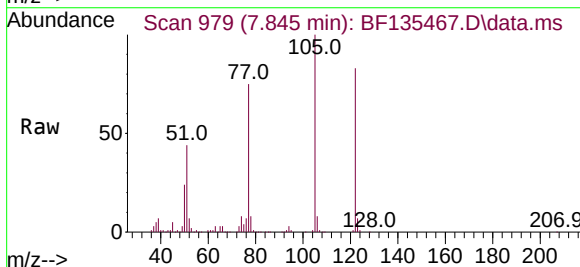


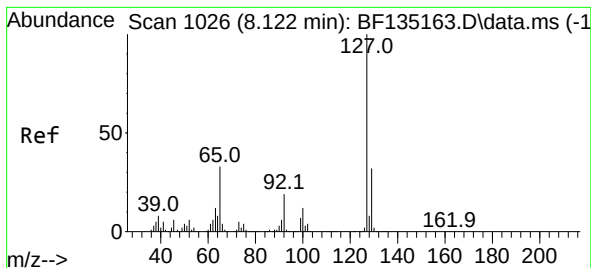
Tgt Ion:128 Resp: 1463619
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 44.794 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:122 Resp: 317259
Ion Ratio Lower Upper
122 100
105 120.6 99.9 139.9
77 90.8 70.0 110.0





#33

4-Chloroaniline

Concen: 23.341 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

Tgt Ion:127 Resp: 318880

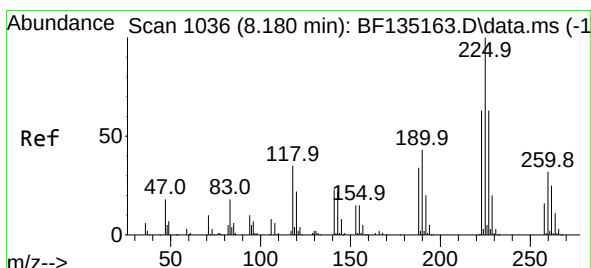
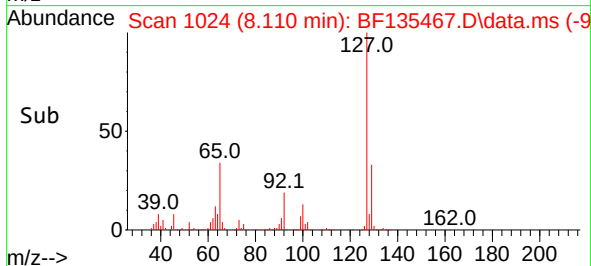
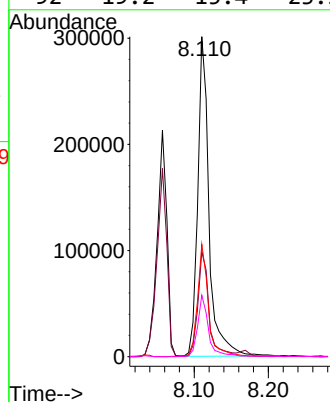
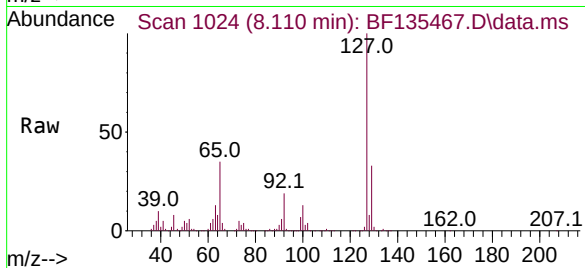
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.8

65 35.1 26.6 39.8

92 19.2 15.4 23.2



#34

Hexachlorobutadiene

Concen: 44.870 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

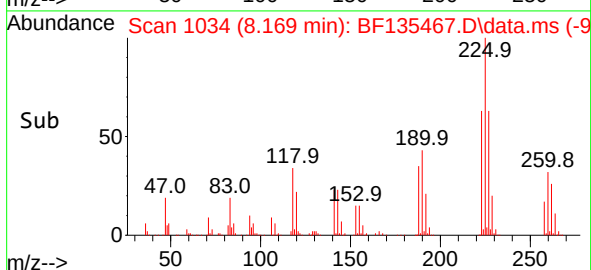
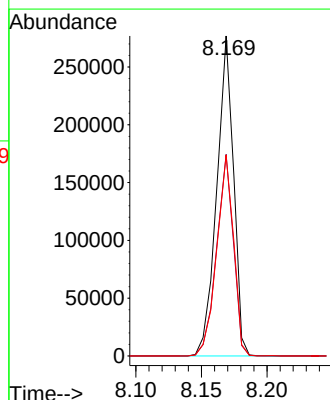
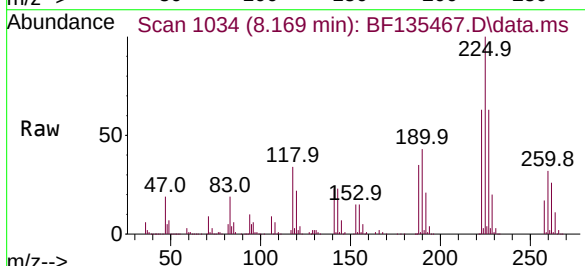
Tgt Ion:225 Resp: 246474

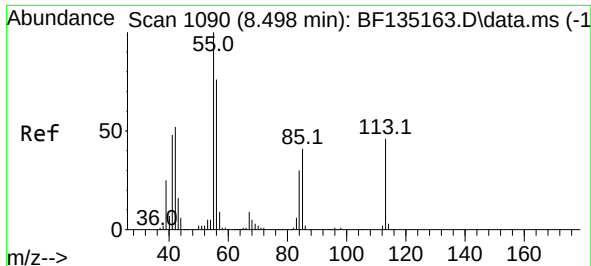
Ion Ratio Lower Upper

225 100

223 63.0 50.6 75.8

227 62.8 50.8 76.2

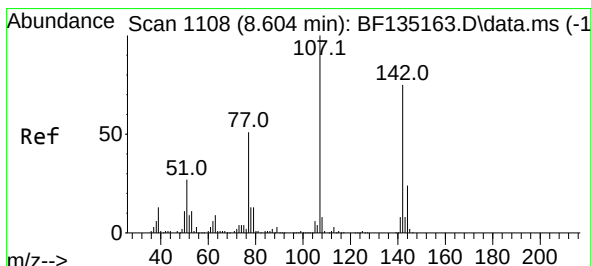
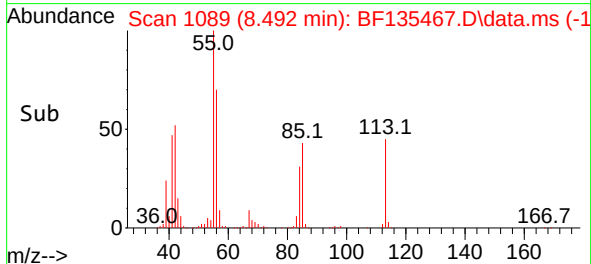
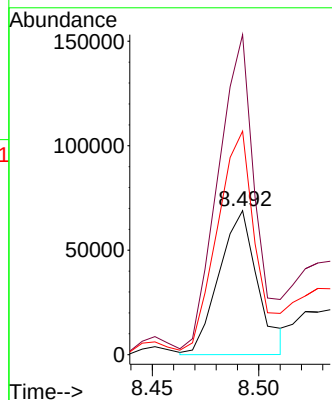
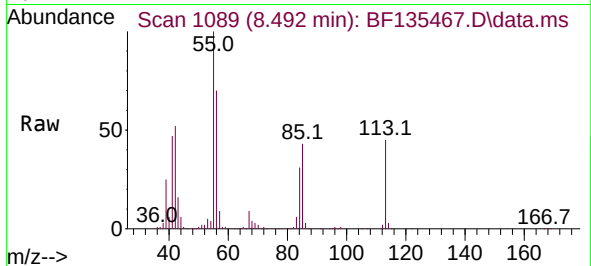




#35
Caprolactam
Concen: 29.665 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

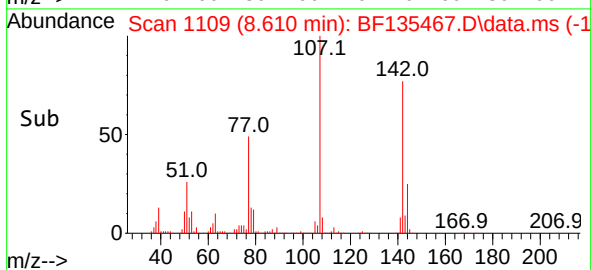
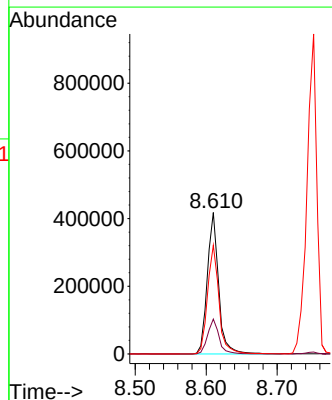
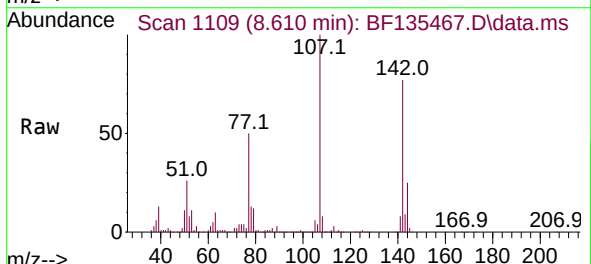
Instrument :
BNA_F
ClientSampleId :
PB155849BS

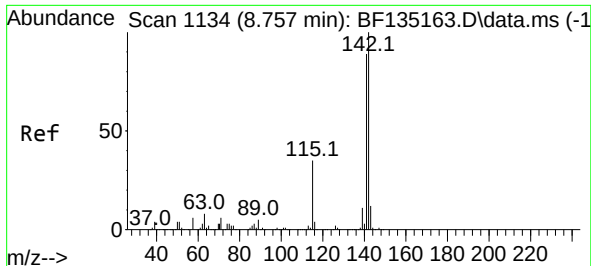
Tgt Ion:113 Resp: 86773
Ion Ratio Lower Upper
113 100
55 222.1 199.3 239.3
56 155.2 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 47.873 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:107 Resp: 463730
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.4
142 76.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.340 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

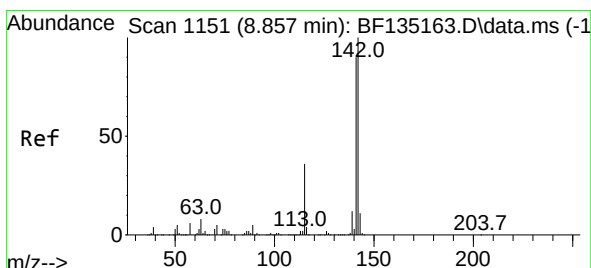
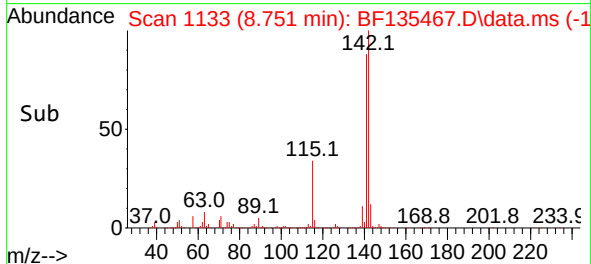
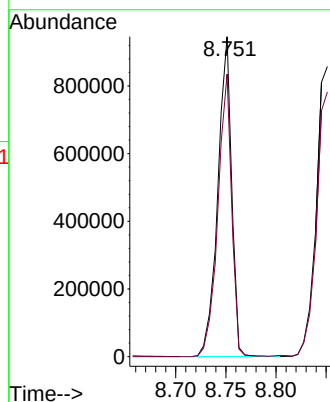
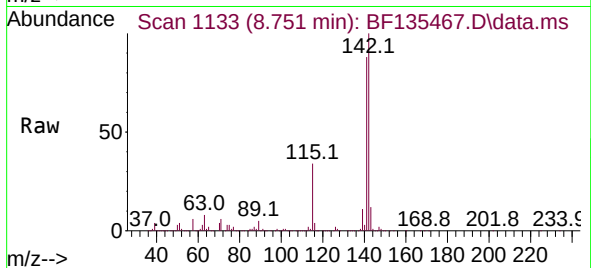
PB155849BS

Tgt Ion:142 Resp: 907139

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.6



#38

1-Methylnaphthalene

Concen: 44.407 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135467.D

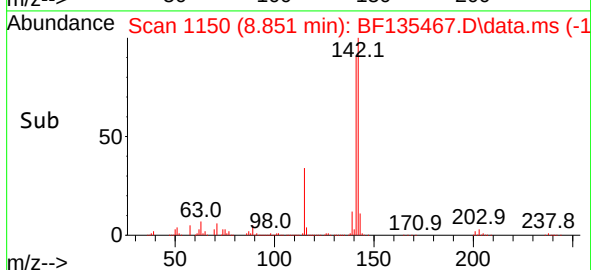
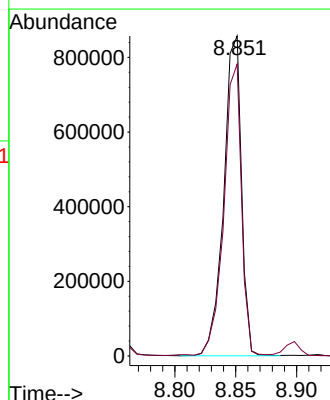
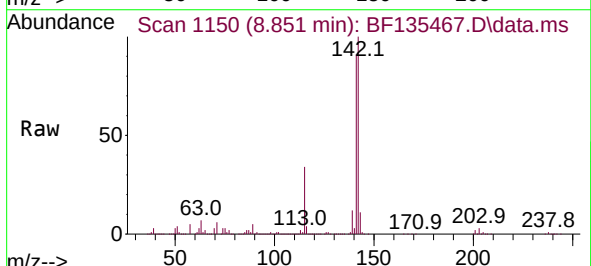
Acq: 27 Sep 2023 12:02

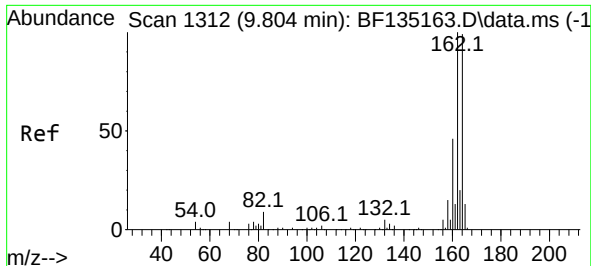
Tgt Ion:142 Resp: 870211

Ion Ratio Lower Upper

142 100

141 91.2 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: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

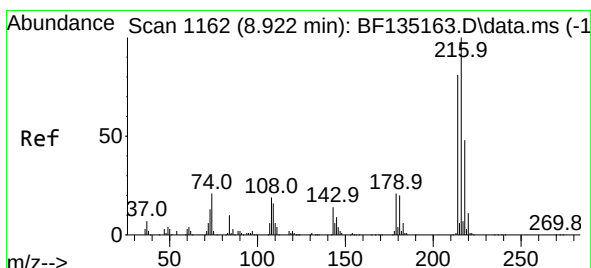
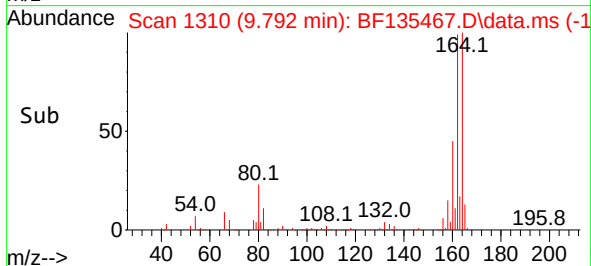
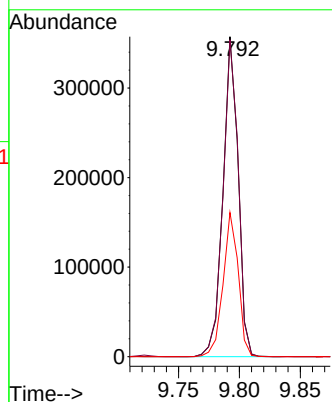
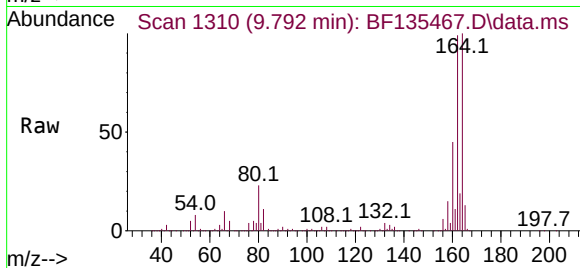
Tgt Ion:164 Resp: 309872

Ion Ratio Lower Upper

164 100

162 99.1 81.0 121.4

160 45.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.310 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Tgt Ion:216 Resp: 424710

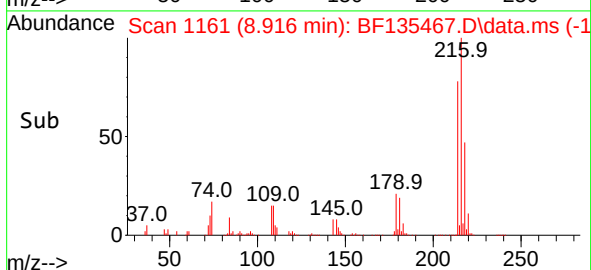
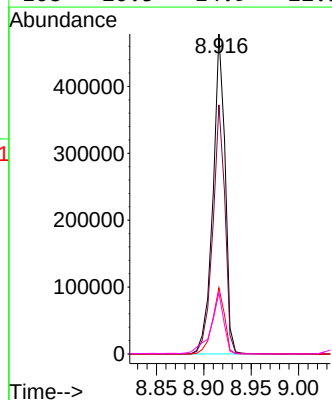
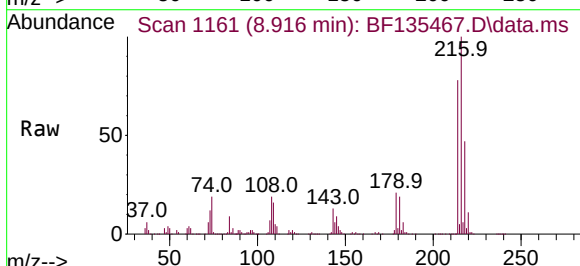
Ion Ratio Lower Upper

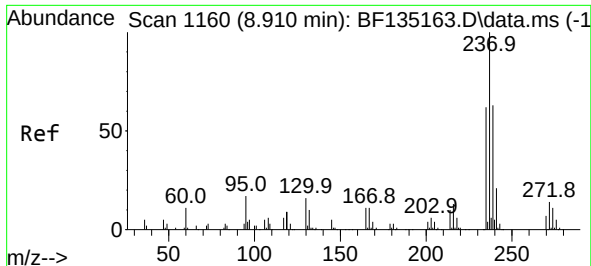
216 100

214 78.0 63.7 95.5

179 20.5 16.7 25.1

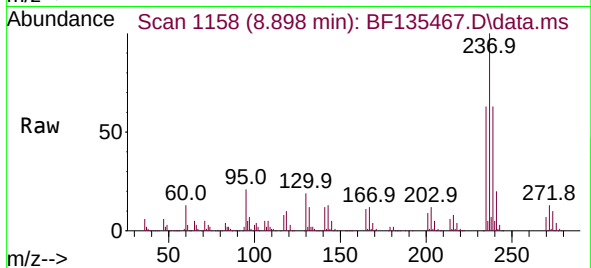
108 20.5 14.9 22.3



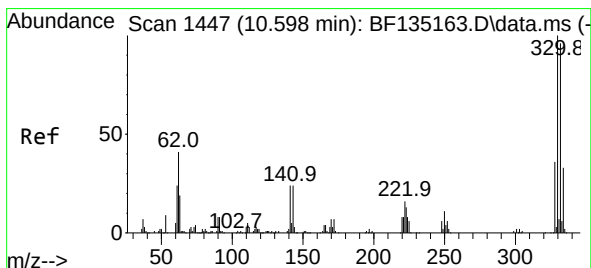
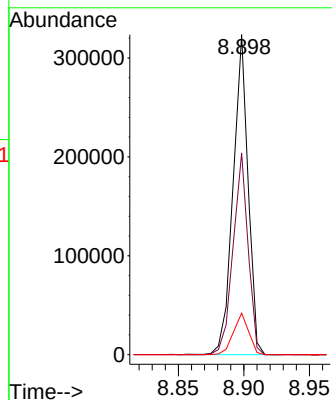
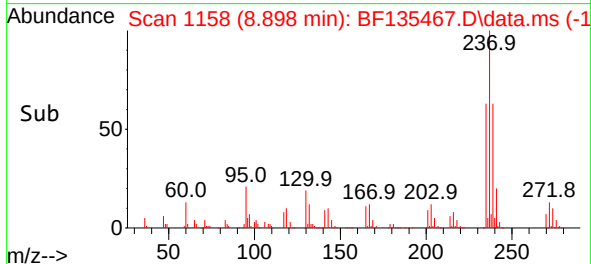


#41
Hexachlorocyclopentadiene
Concen: 66.581 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

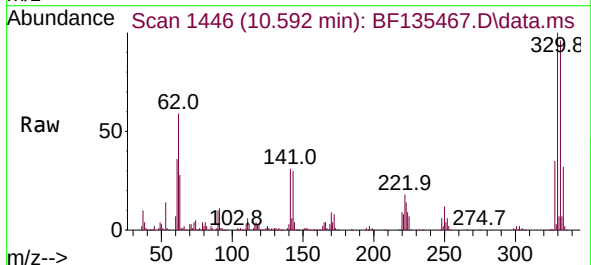
Instrument :
BNA_F
ClientSampleId :
PB155849BS



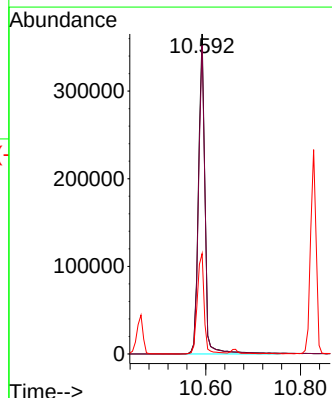
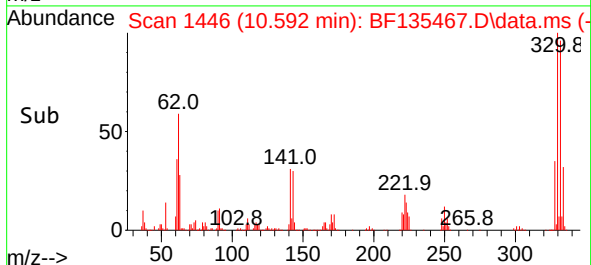
Tgt Ion:237 Resp: 257974
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 13.0 0.0 33.6

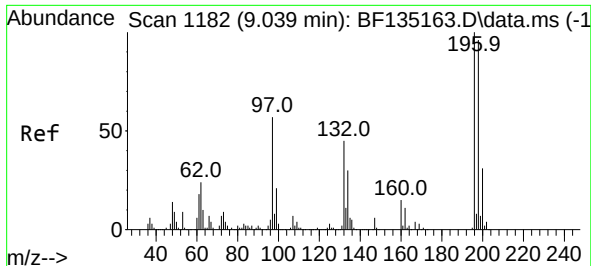


#42
2,4,6-Tribromophenol
Concen: 113.085 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02



Tgt Ion:330 Resp: 348231
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 33.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.041 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

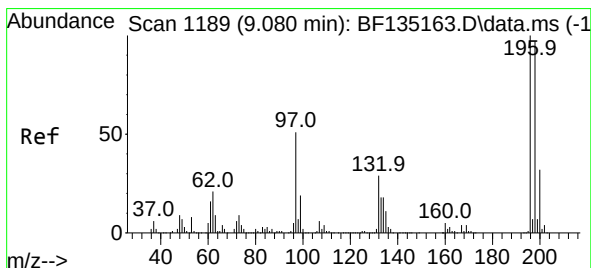
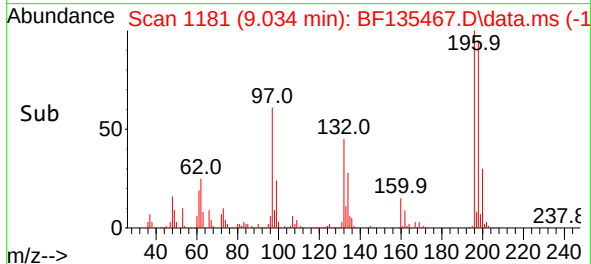
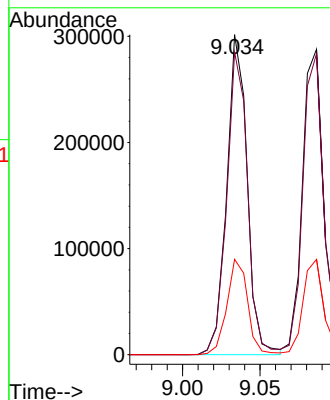
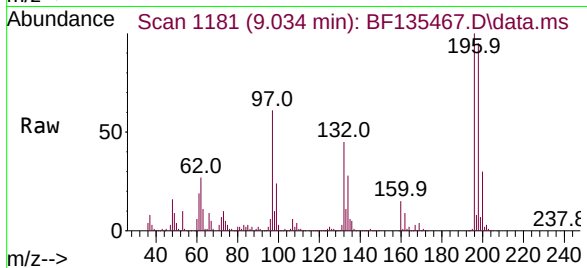
Tgt Ion:196 Resp: 276499

Ion Ratio Lower Upper

196 100

198 94.6 77.0 115.6

200 29.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 43.208 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.012 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Tgt Ion:196 Resp: 292473

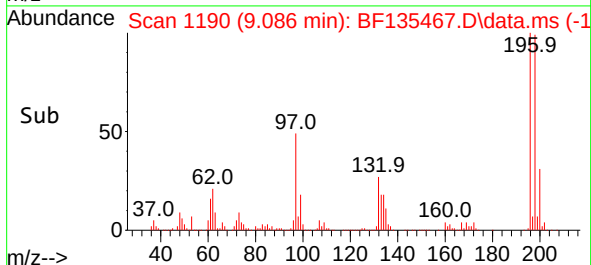
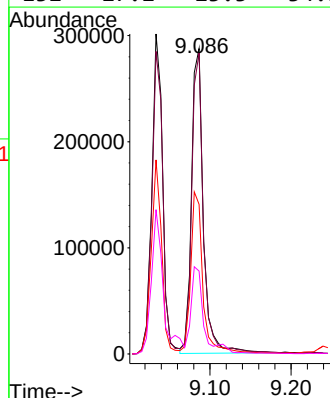
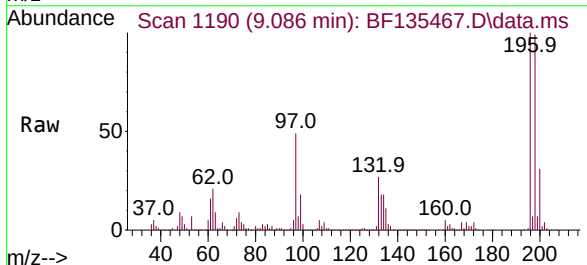
Ion Ratio Lower Upper

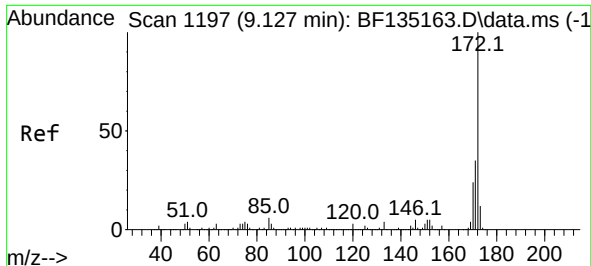
196 100

198 98.5 77.5 116.3

97 49.0 40.5 60.7

132 27.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 83.122 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

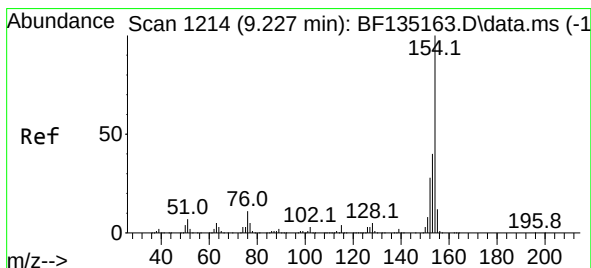
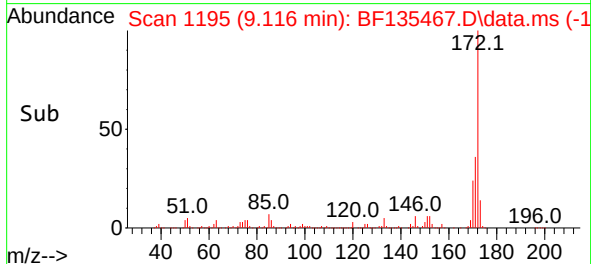
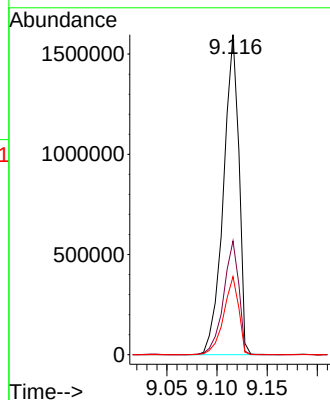
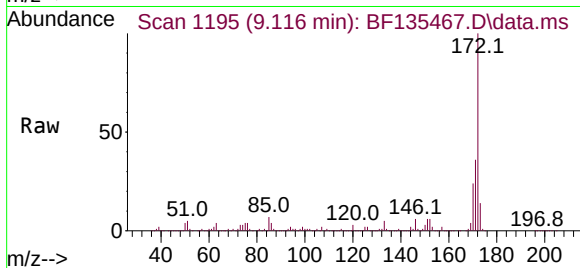
Tgt Ion:172 Resp: 1707212

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.734 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

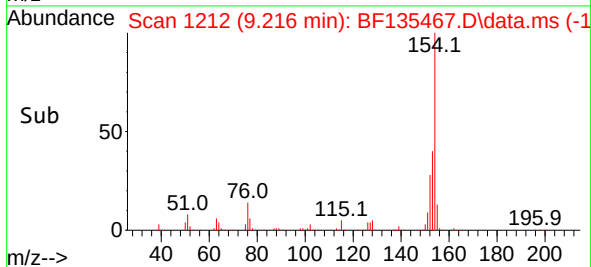
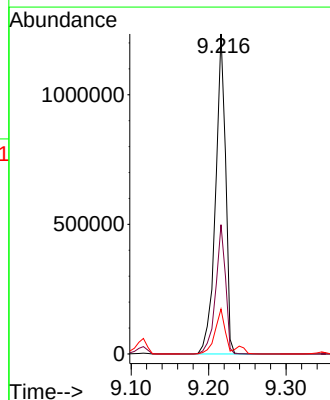
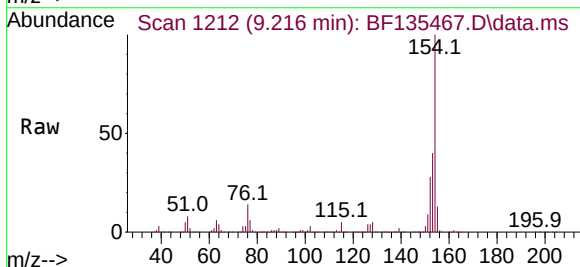
Tgt Ion:154 Resp: 1112882

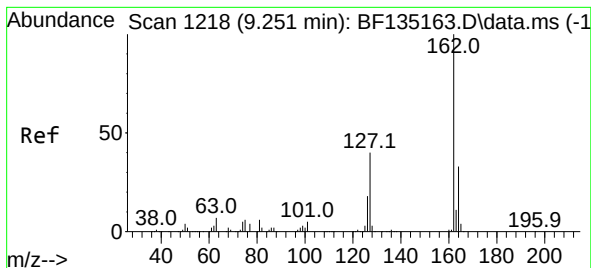
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 14.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 48.603 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

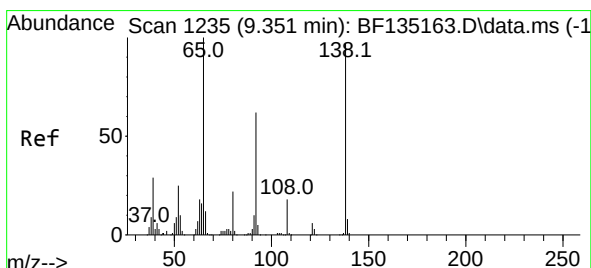
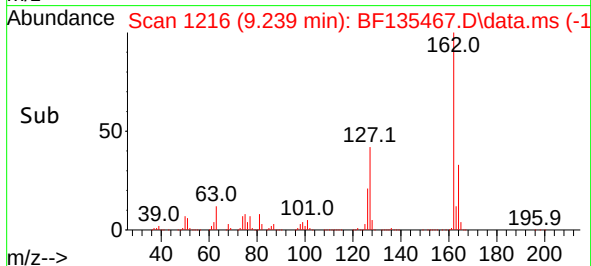
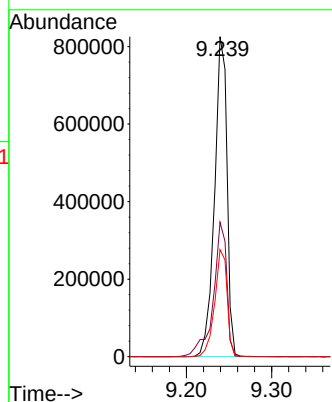
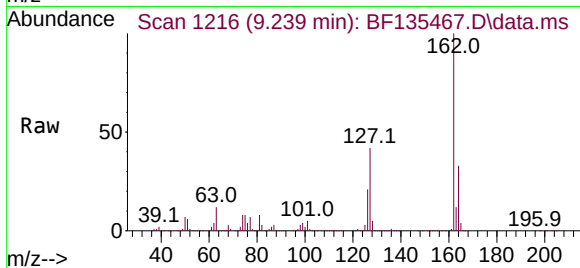
Tgt Ion:162 Resp: 839747

Ion Ratio Lower Upper

162 100

127 42.0 32.6 48.8

164 33.5 26.2 39.2



#48

2-Nitroaniline

Concen: 48.912 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

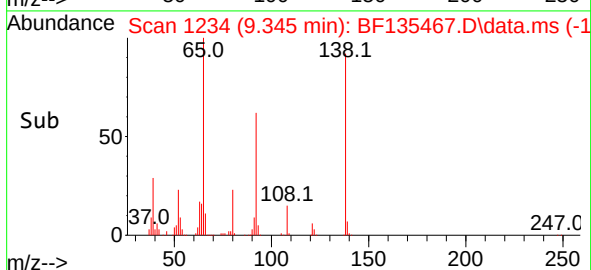
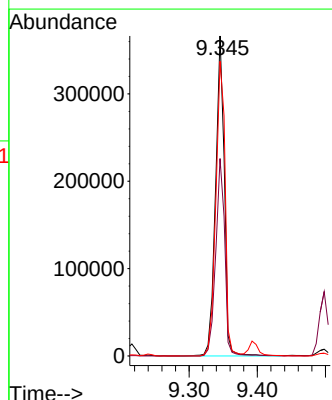
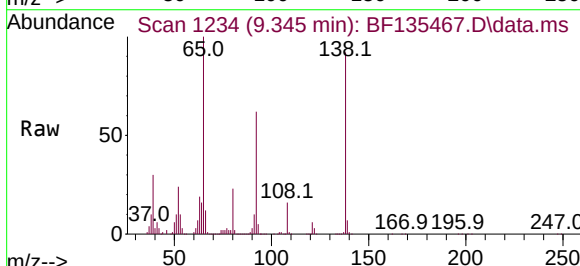
Tgt Ion: 65 Resp: 328314

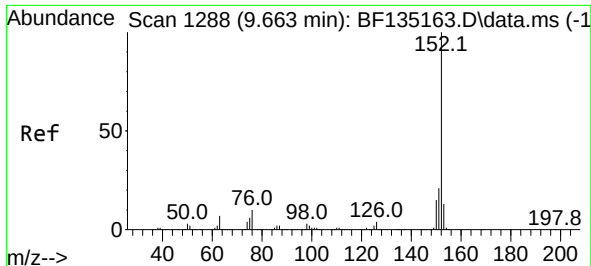
Ion Ratio Lower Upper

65 100

92 61.7 49.4 74.0

138 92.1 77.4 116.0





#49

Acenaphthylene

Concen: 46.972 ng

RT: 9.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

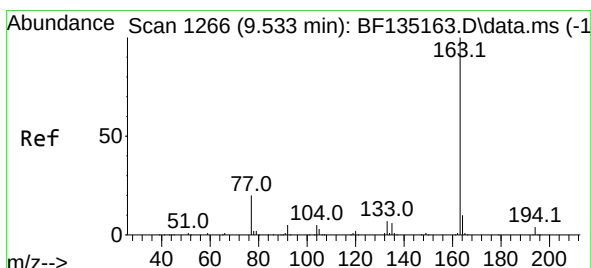
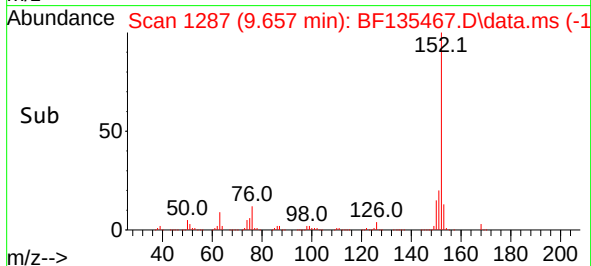
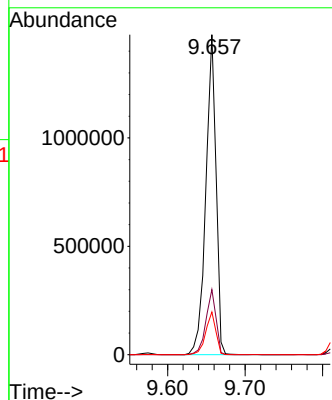
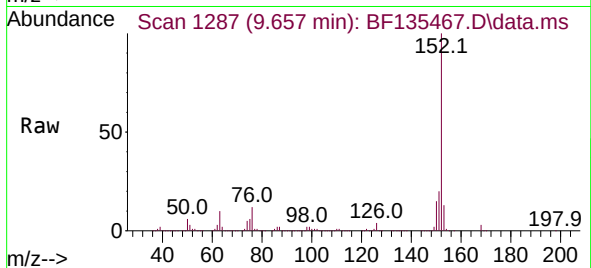
Tgt Ion:152 Resp: 1348777

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 46.440 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

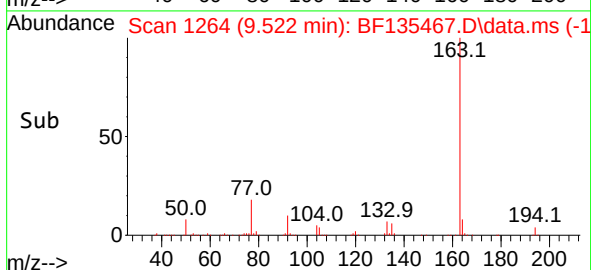
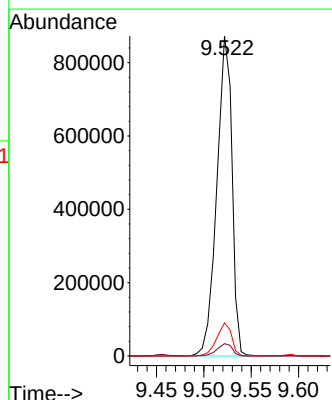
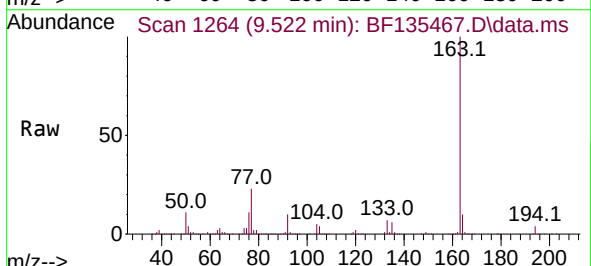
Tgt Ion:163 Resp: 972950

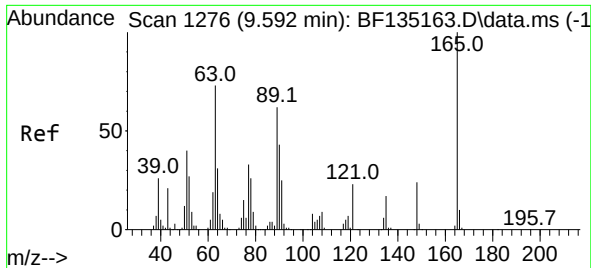
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.1 12.1

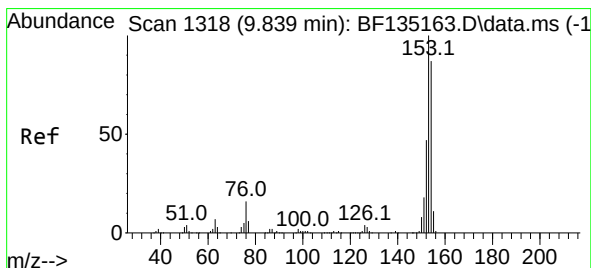
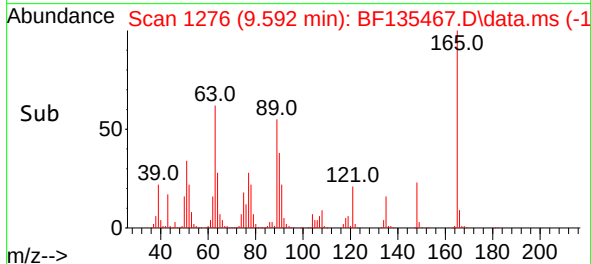
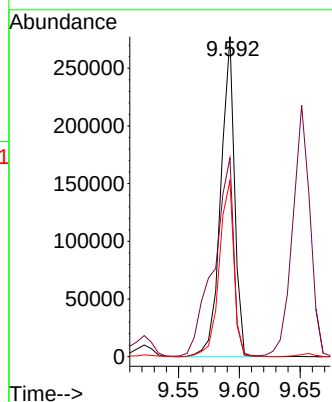
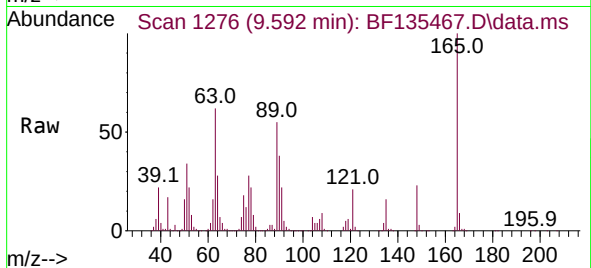




#51
2,6-Dinitrotoluene
Concen: 47.865 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

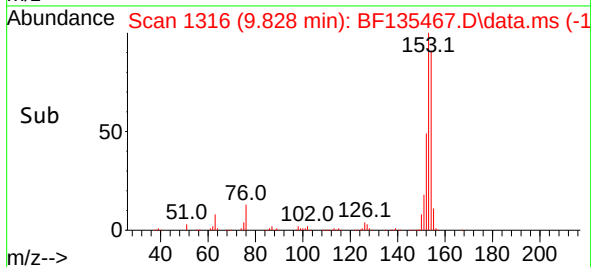
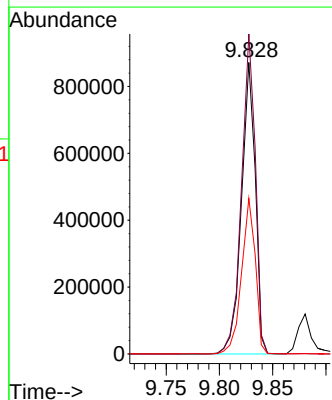
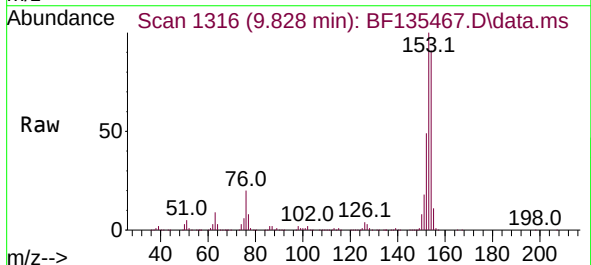
Instrument :
BNA_F
ClientSampleId :
PB155849BS

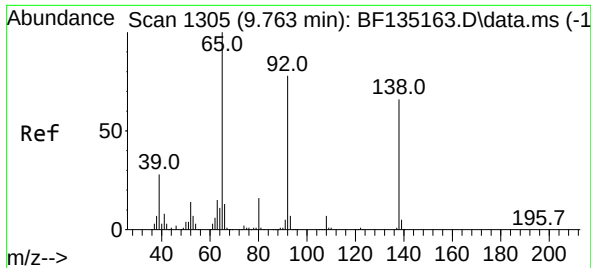
Tgt Ion:165 Resp: 219679
Ion Ratio Lower Upper
165 100
63 62.1 59.4 89.2
89 55.0 49.8 74.8



#52
Acenaphthene
Concen: 46.699 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:154 Resp: 792159
Ion Ratio Lower Upper
154 100
153 109.8 92.1 138.1
152 53.3 43.1 64.7

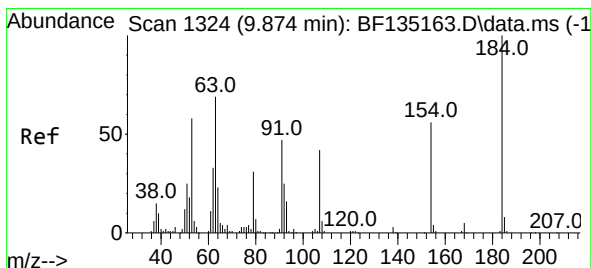
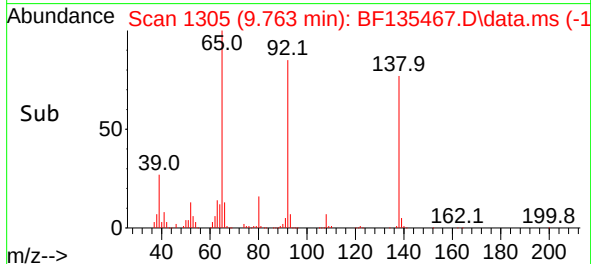
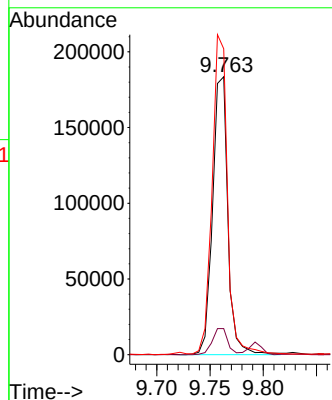
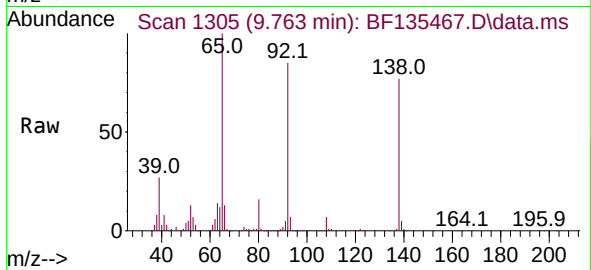




#53
3-Nitroaniline
Concen: 34.033 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

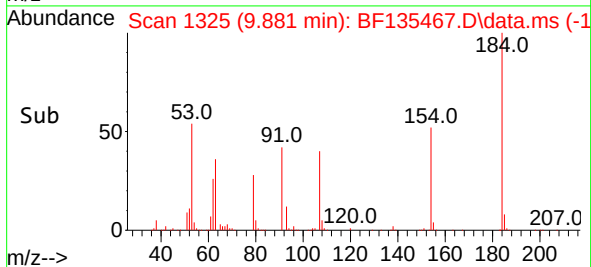
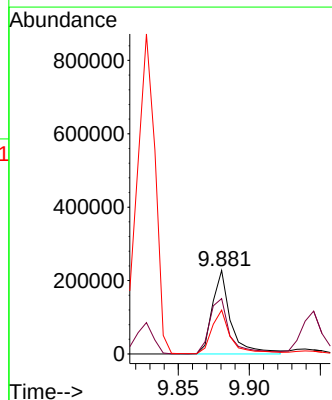
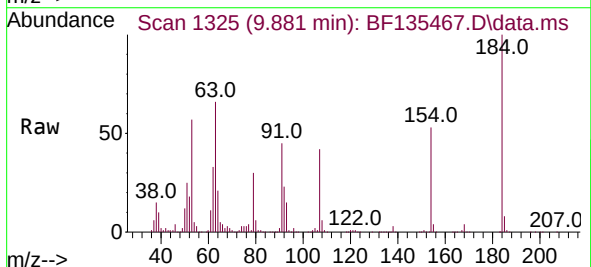
Instrument :
BNA_F
ClientSampleId :
PB155849BS

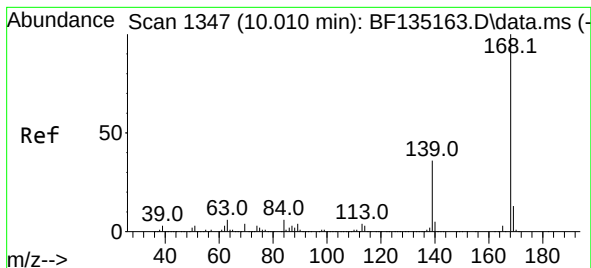
Tgt Ion:138 Resp: 183346
Ion Ratio Lower Upper
138 100
108 9.4 8.5 12.7
92 110.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 79.066 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:184 Resp: 205798
Ion Ratio Lower Upper
184 100
63 66.3 55.1 82.7
154 52.5 48.4 72.6





#55

Dibenzenofuran

Concen: 42.866 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

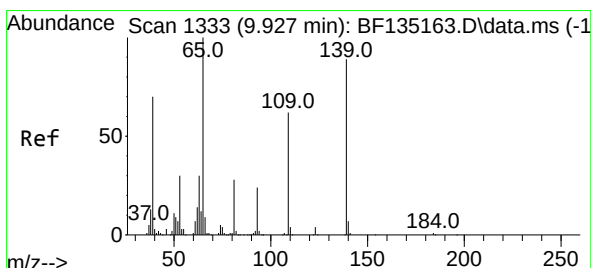
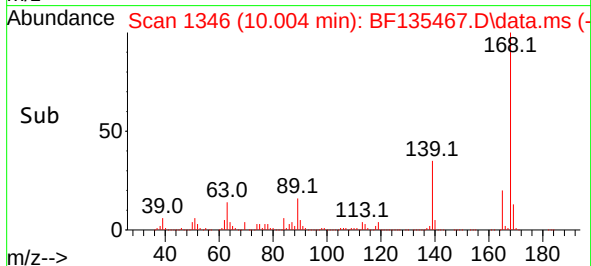
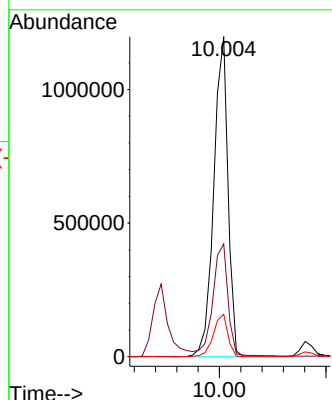
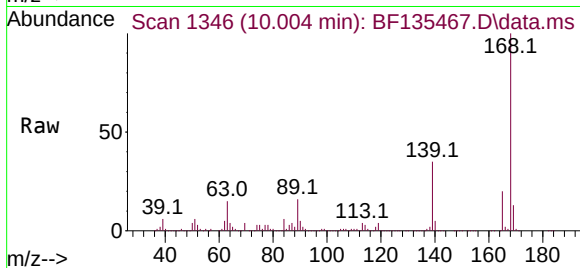
Tgt Ion:168 Resp: 1109586

Ion Ratio Lower Upper

168 100

139 35.2 29.0 43.6

169 13.2 10.4 15.6



#56

4-Nitrophenol

Concen: 81.190 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.012 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

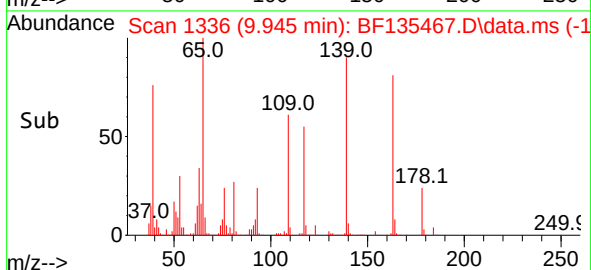
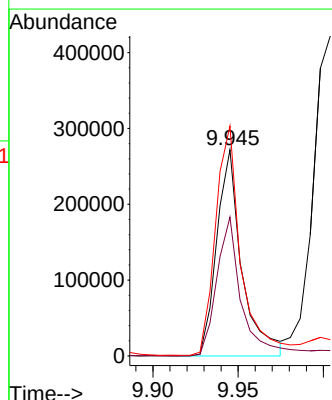
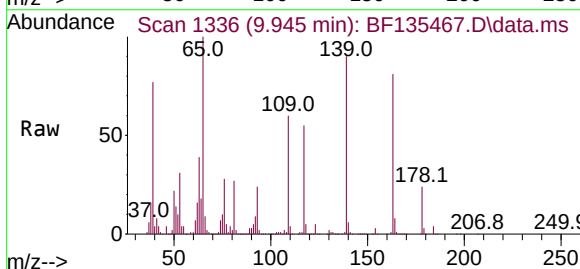
Tgt Ion:139 Resp: 277990

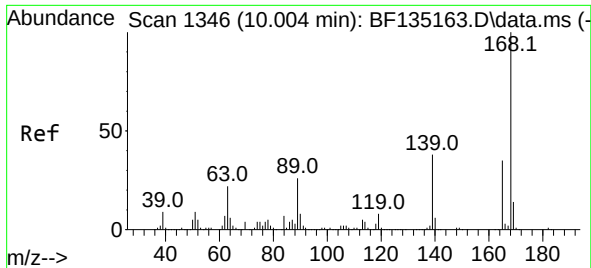
Ion Ratio Lower Upper

139 100

109 67.3 49.8 89.8

65 111.4 92.7 132.7

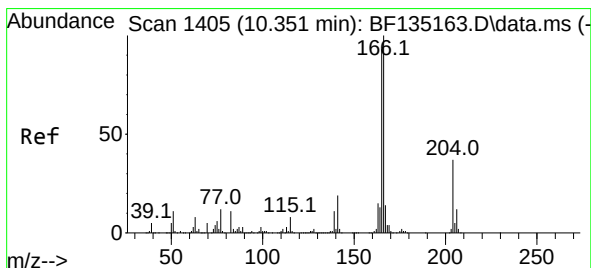
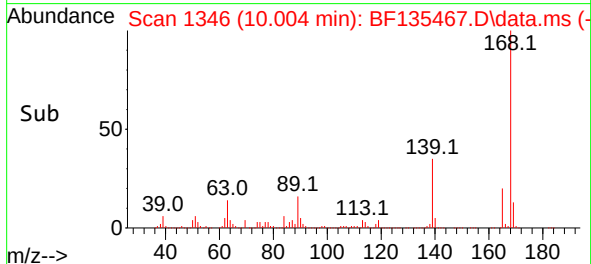
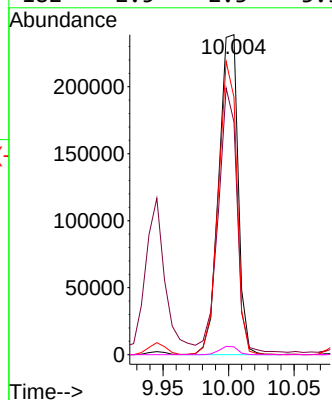
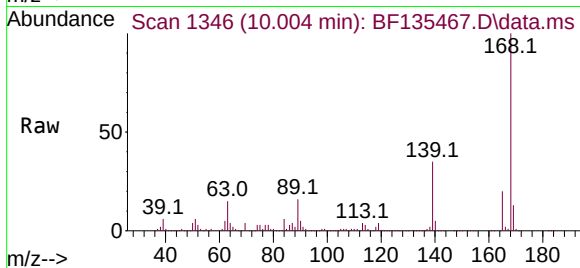




#57
2,4-Dinitrotoluene
Concen: 42.448 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

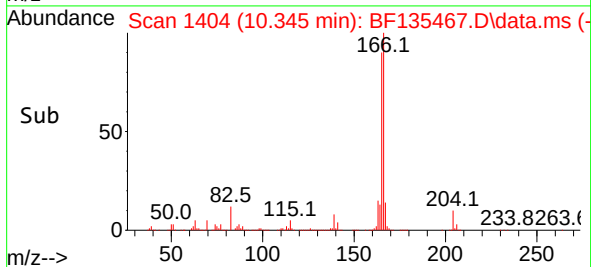
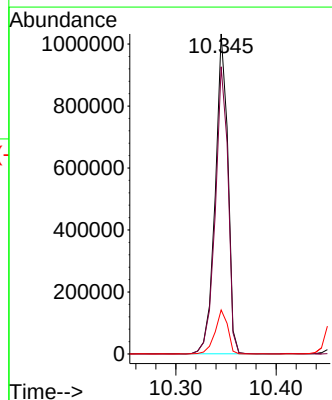
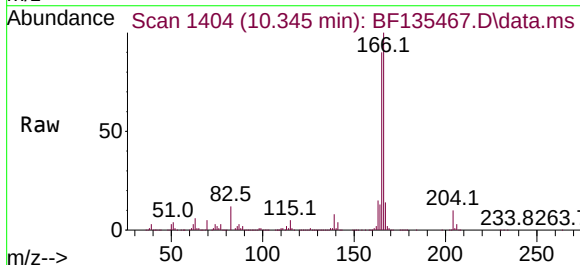
Instrument :
BNA_F
ClientSampleId :
PB155849BS

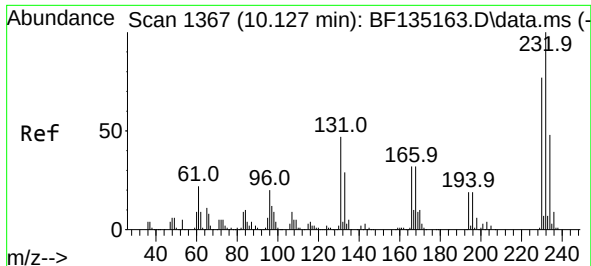
Tgt Ion:165 Resp: 243892
Ion Ratio Lower Upper
165 100
63 72.8 50.1 75.1
89 80.5 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 45.357 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:166 Resp: 902583
Ion Ratio Lower Upper
166 100
165 89.7 74.3 111.5
167 13.7 10.9 16.3

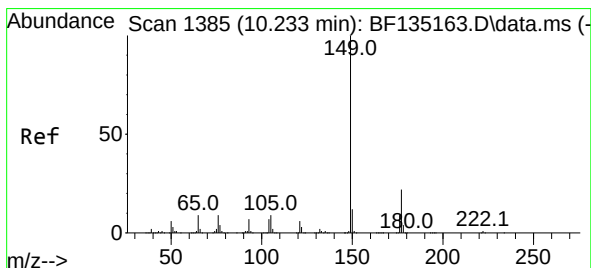
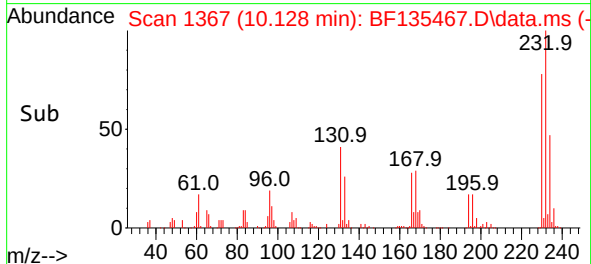
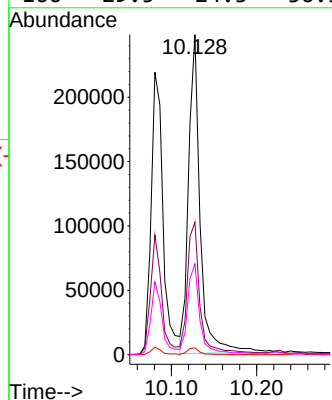
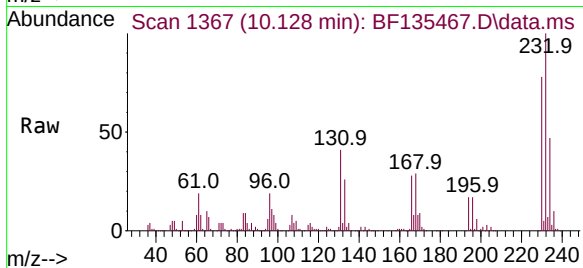




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.054 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

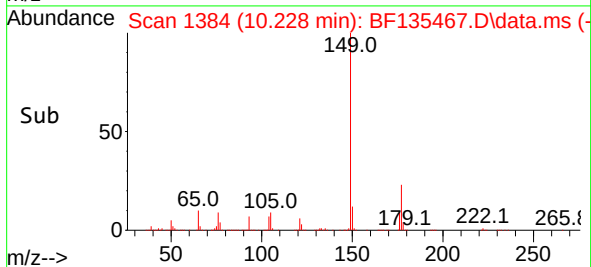
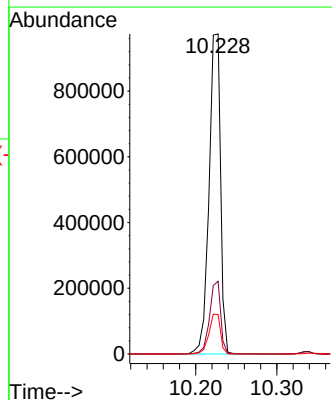
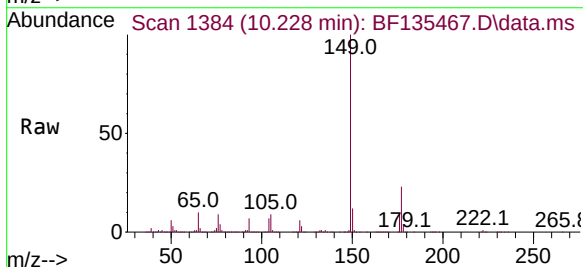
Instrument :
BNA_F
ClientSampleId :
PB155849BS

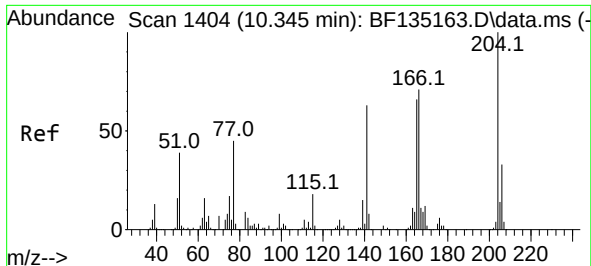
Tgt Ion:232 Resp: 234594
Ion Ratio Lower Upper
232 100
131 44.4 35.4 53.2
130 2.1 1.8 2.8
166 29.5 24.3 36.5



#60
Diethylphthalate
Concen: 45.452 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:149 Resp: 955653
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.3 10.0 15.0

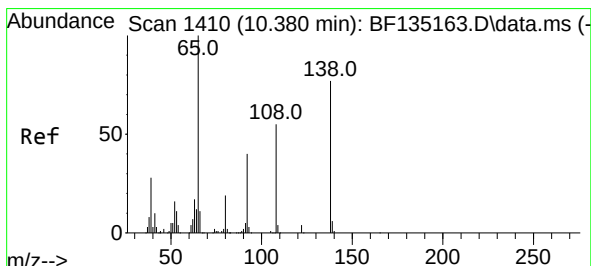
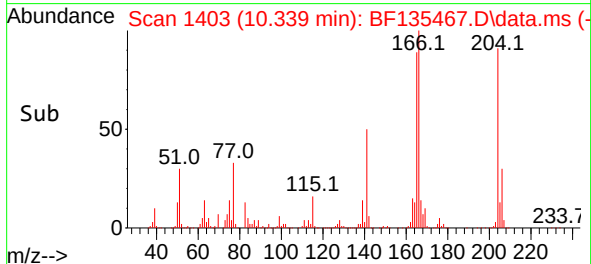
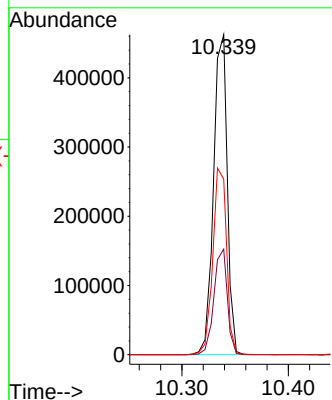
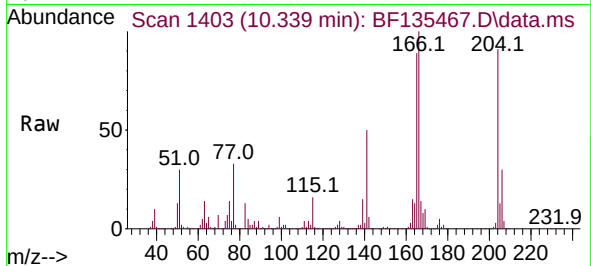




#61
4-Chlorophenyl-phenylether
Concen: 43.272 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

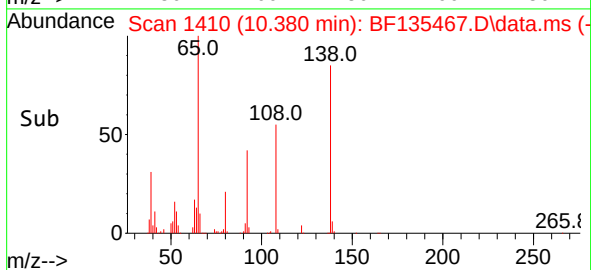
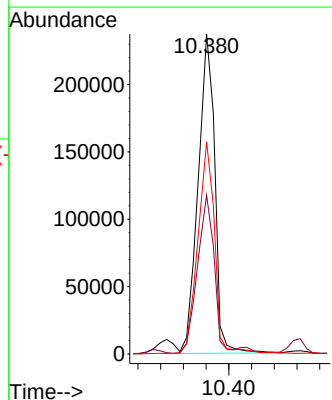
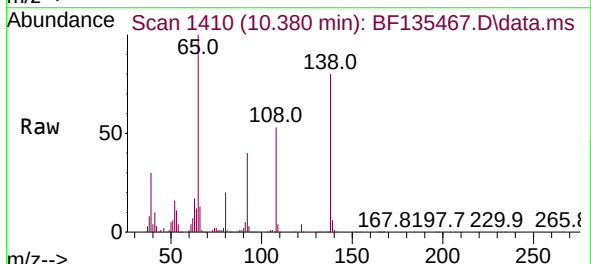
Instrument :
BNA_F
ClientSampleId :
PB155849BS

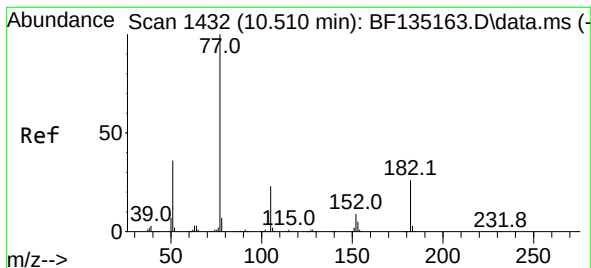
Tgt Ion:204 Resp: 413639
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 54.8 50.6 75.8



#62
4-Nitroaniline
Concen: 46.633 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:138 Resp: 241491
Ion Ratio Lower Upper
138 100
92 49.6 31.8 71.8
108 66.3 52.0 92.0





#63

Azobenzene

Concen: 47.977 ng

RT: 10.498 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

Tgt Ion: 77 Resp: 987250

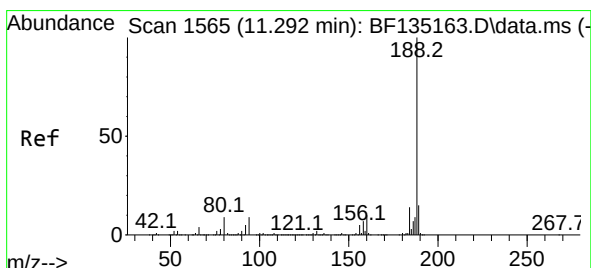
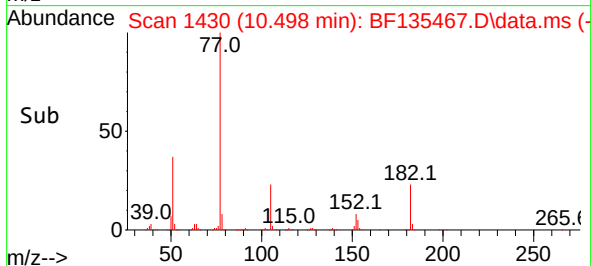
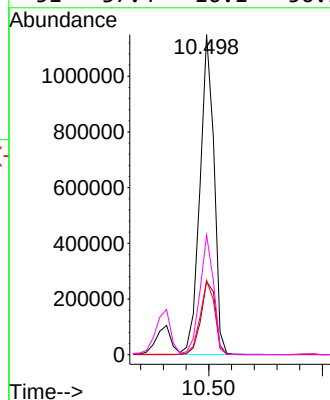
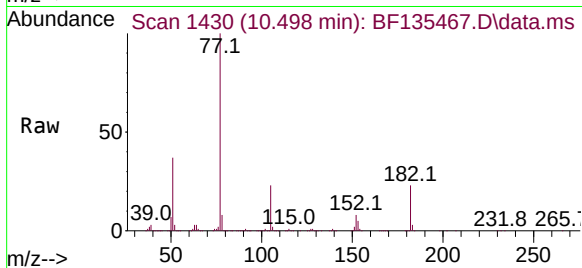
Ion Ratio Lower Upper

77 100

182 22.8 6.4 46.4

105 23.2 3.1 43.1

51 37.4 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: BF135467.D

Acq: 27 Sep 2023 12:02

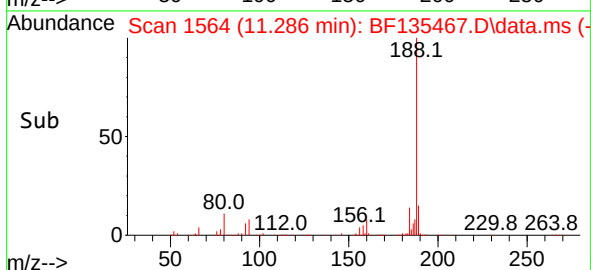
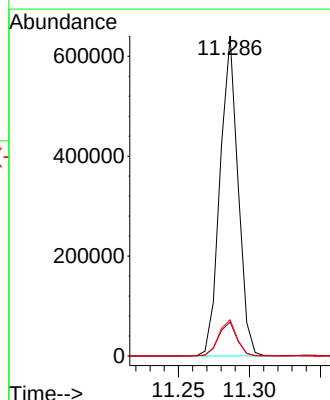
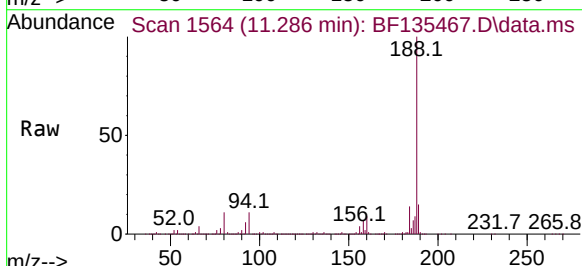
Tgt Ion: 188 Resp: 562529

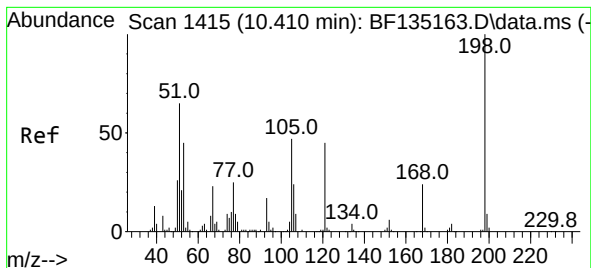
Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.3 7.5 11.3#

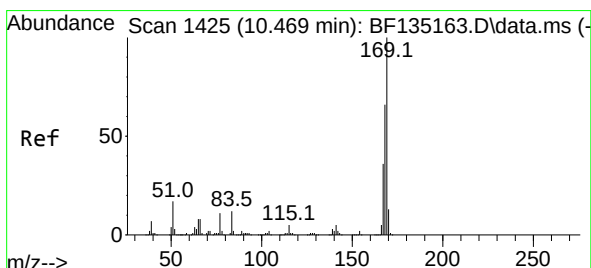
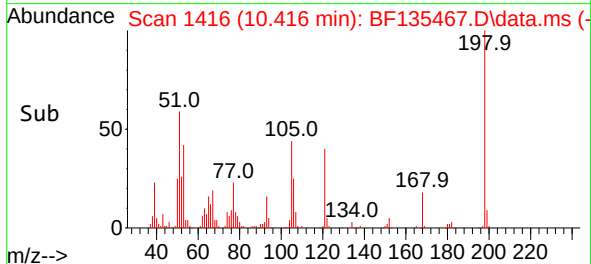
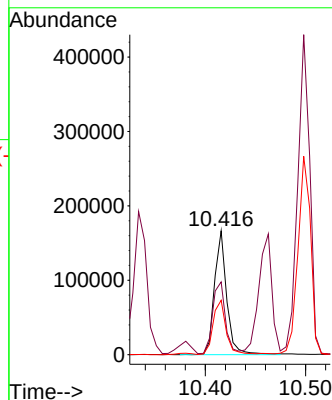
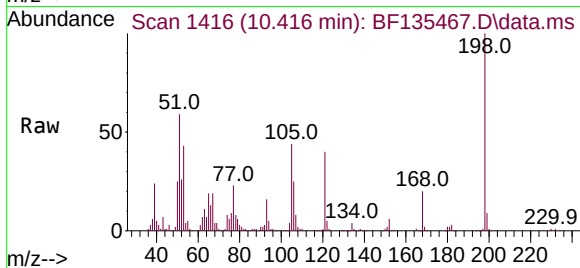




#65
4,6-Dinitro-2-methylphenol
Concen: 47.156 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

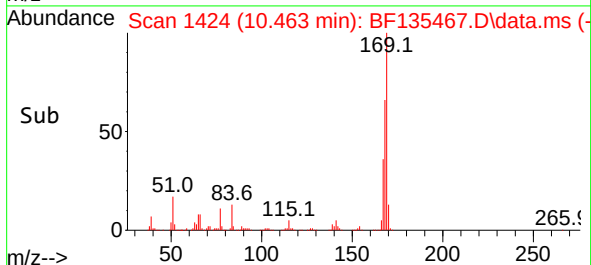
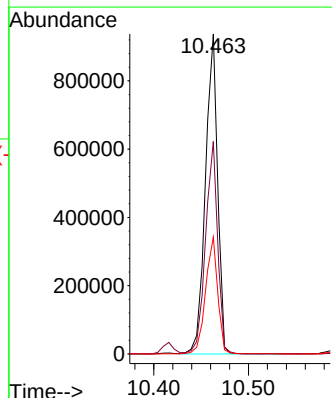
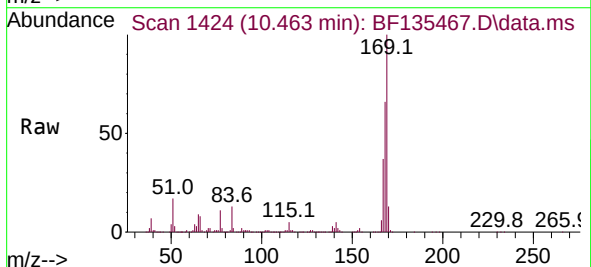
Instrument :
BNA_F
ClientSampleId :
PB155849BS

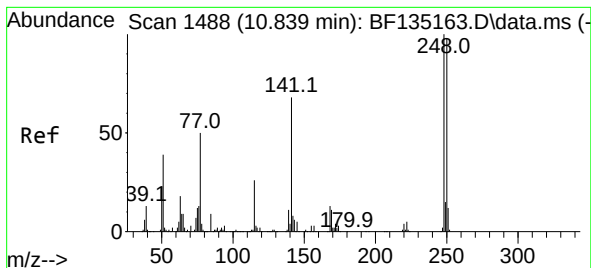
Tgt Ion:198 Resp: 140892
Ion Ratio Lower Upper
198 100
51 58.8 47.7 87.7
105 43.9 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 49.024 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:169 Resp: 834901
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 36.5 29.0 43.6

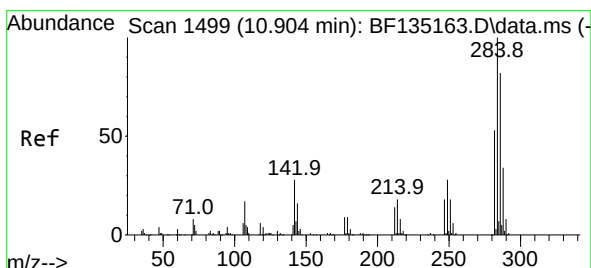
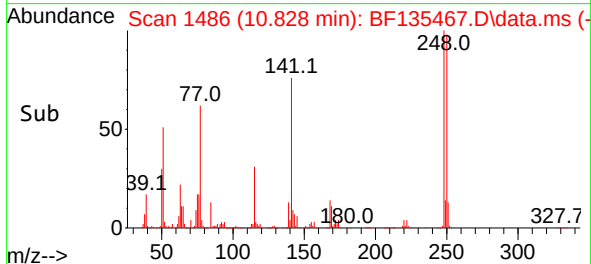
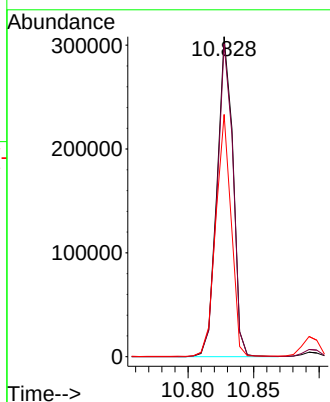
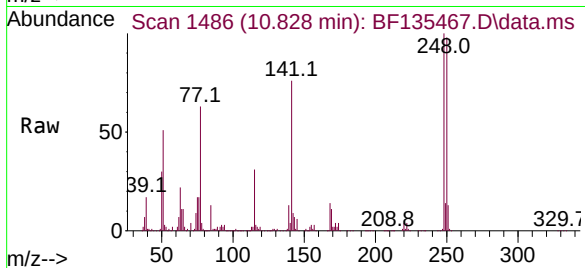




#67
4-Bromophenyl-phenylether
Concen: 46.549 ng
RT: 10.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

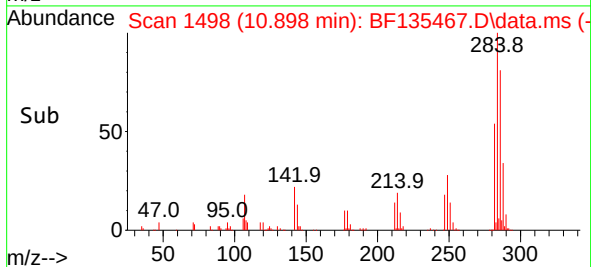
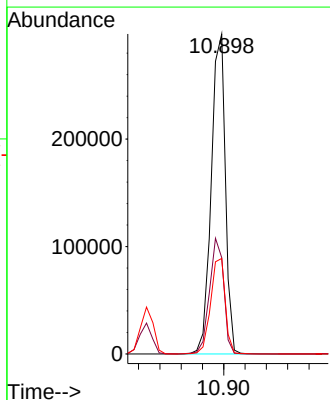
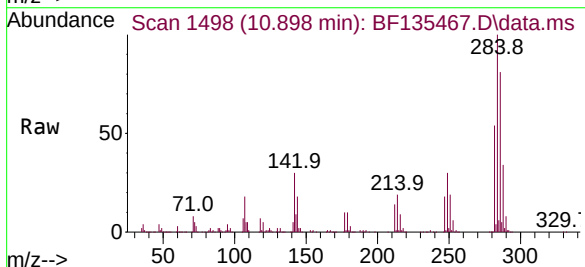
Instrument :
BNA_F
ClientSampleId :
PB155849BS

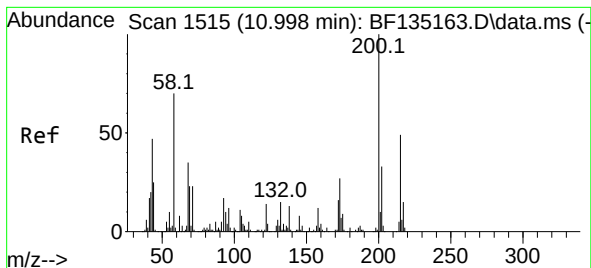
Tgt Ion:248 Resp: 260433
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 75.7 54.2 81.2



#68
Hexachlorobenzene
Concen: 48.015 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:284 Resp: 273673
Ion Ratio Lower Upper
284 100
142 30.1 22.2 33.4
249 29.9 22.5 33.7





#69

Atrazine

Concen: 56.022 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

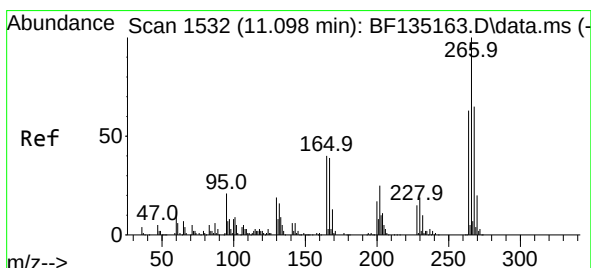
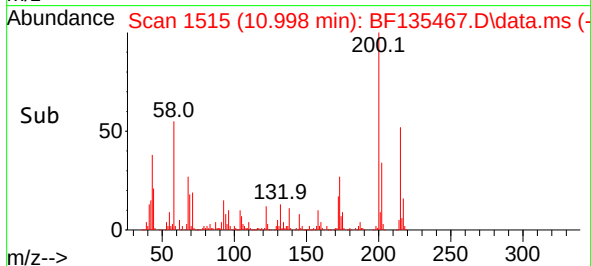
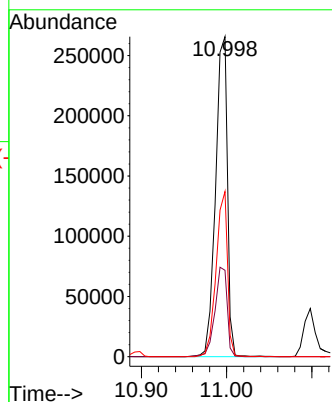
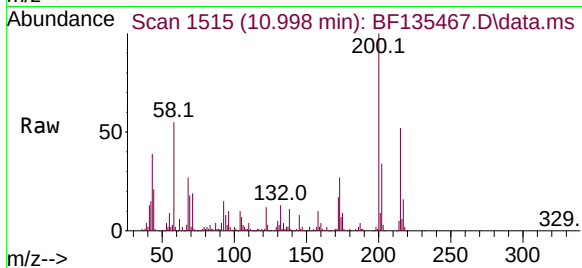
Tgt Ion:200 Resp: 256713

Ion Ratio Lower Upper

200 100

173 27.0 7.4 47.4

215 51.6 28.6 68.6



#70

Pentachlorophenol

Concen: 73.208 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

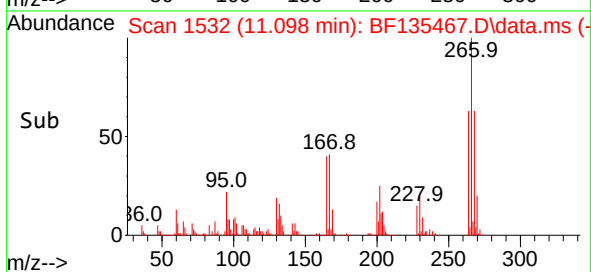
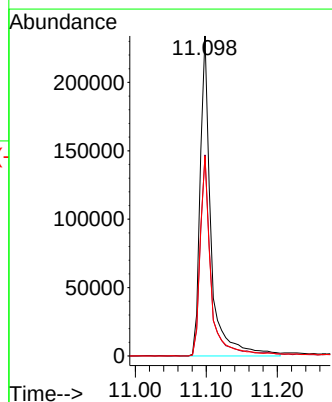
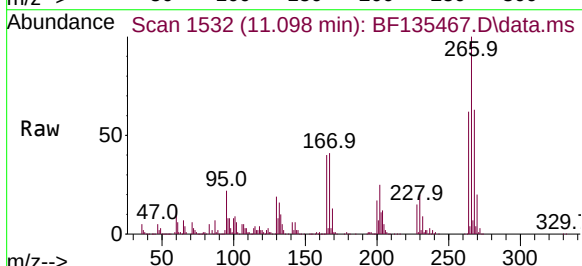
Tgt Ion:266 Resp: 249652

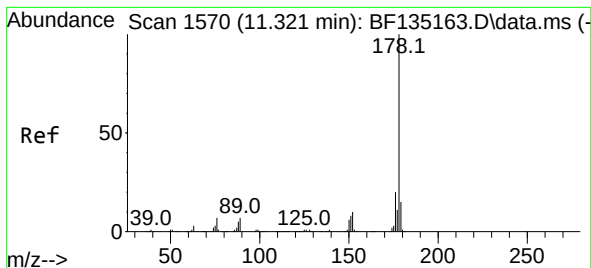
Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

264 62.5 50.8 76.2





#71

Phenanthrene

Concen: 48.474 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

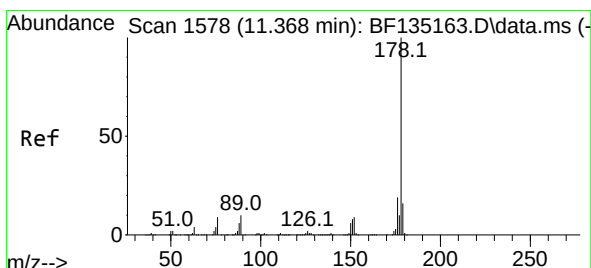
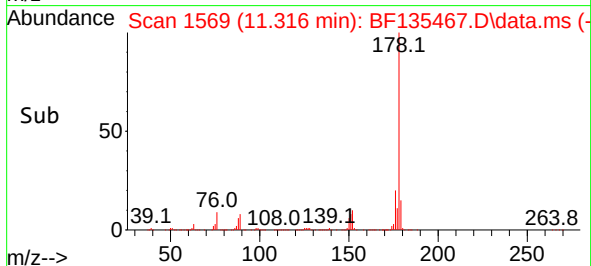
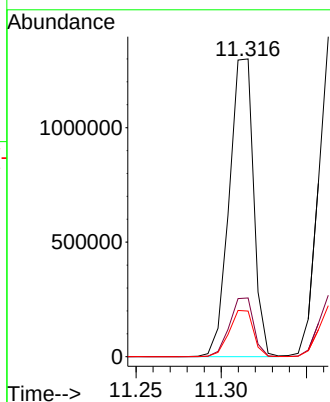
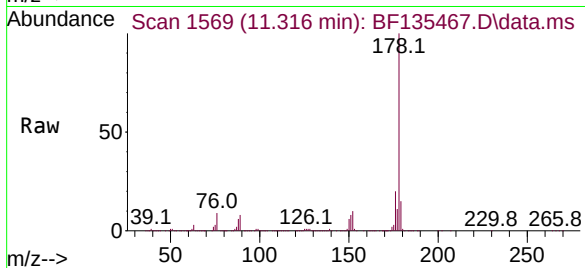
Tgt Ion:178 Resp: 1289653

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

179 15.3 12.0 18.0



#72

Anthracene

Concen: 48.463 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

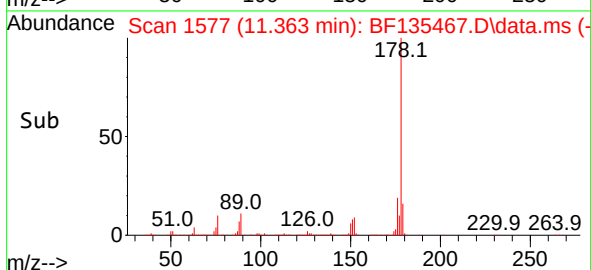
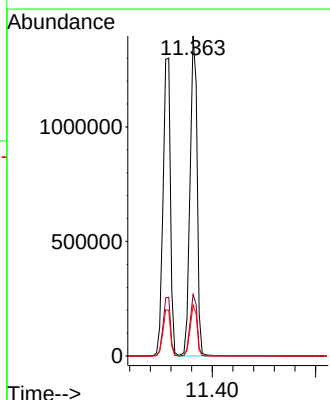
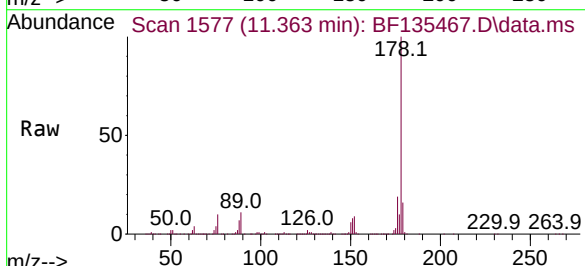
Tgt Ion:178 Resp: 1325344

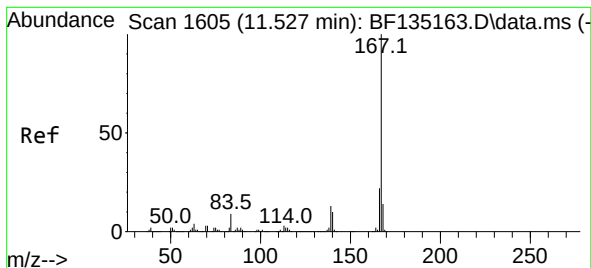
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.9 12.6 19.0





#73

Carbazole

Concen: 50.266 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

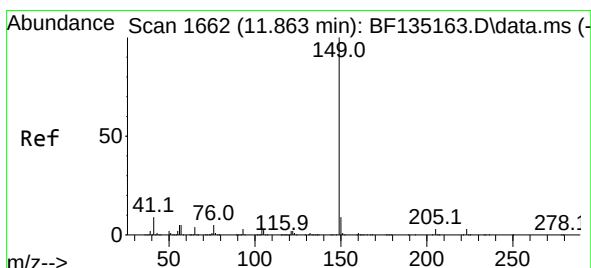
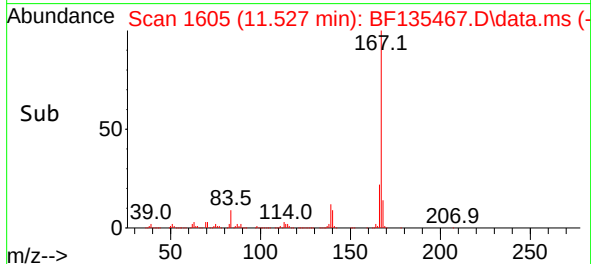
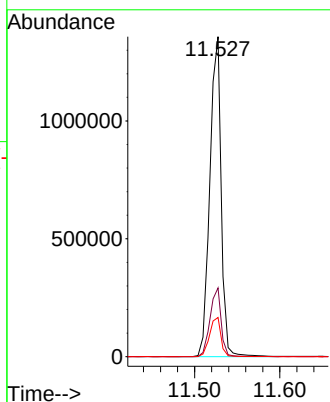
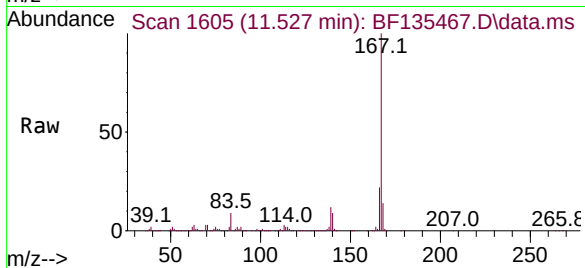
BNA_F

ClientSampleId :

PB155849BS

Tgt Ion:167 Resp: 1251367

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.3	10.6	15.8



#74

Di-n-butylphthalate

Concen: 50.386 ng

RT: 11.857 min Scan# 1661

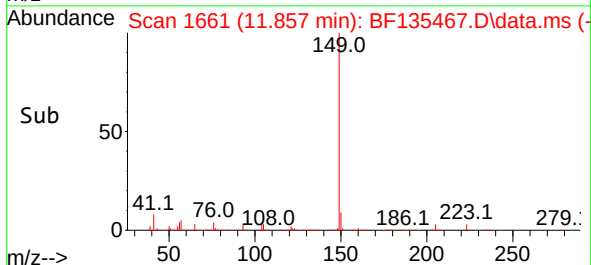
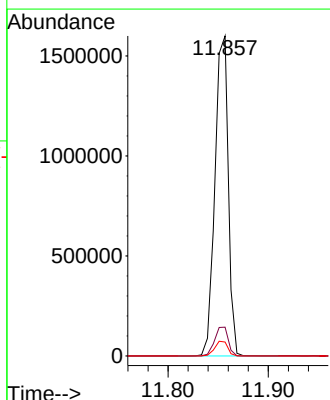
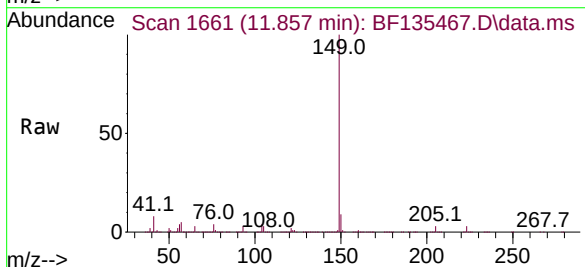
Delta R.T. 0.006 min

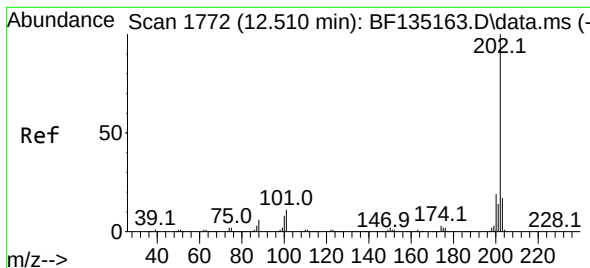
Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Tgt Ion:149 Resp: 1478046

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 48.998 ng

RT: 12.510 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

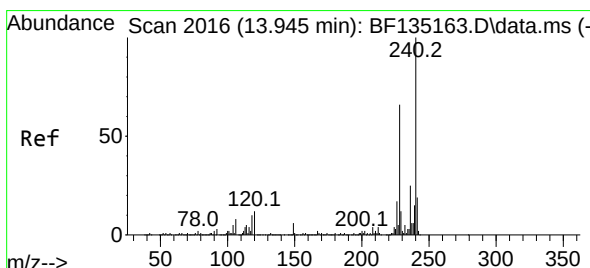
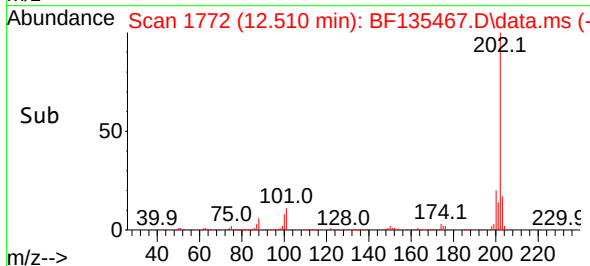
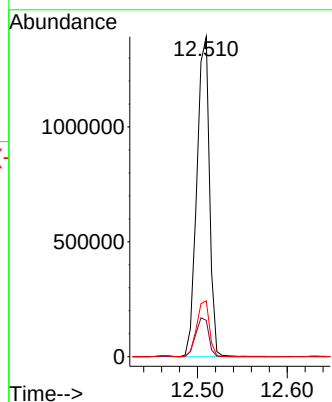
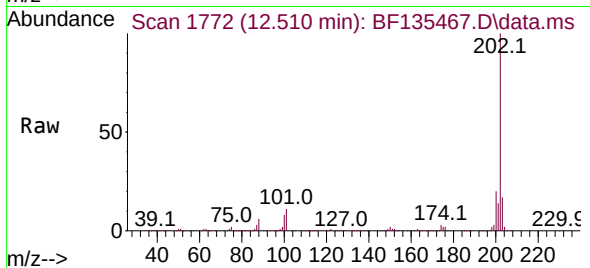
Tgt Ion:202 Resp: 1358340

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

203 17.5 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: BF135467.D

Acq: 27 Sep 2023 12:02

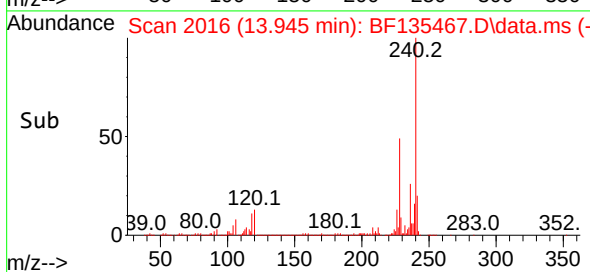
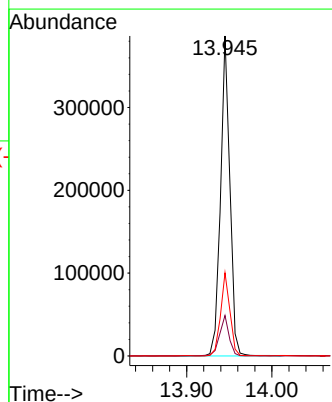
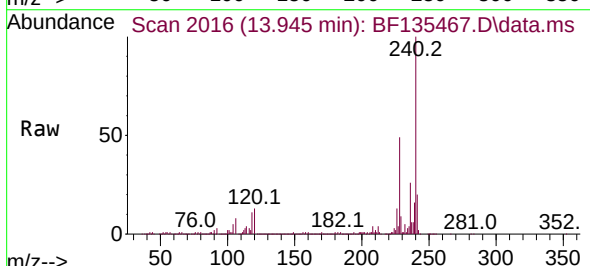
Tgt Ion:240 Resp: 293673

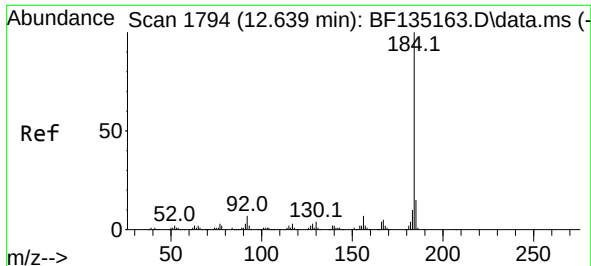
Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

236 26.0 19.8 29.8

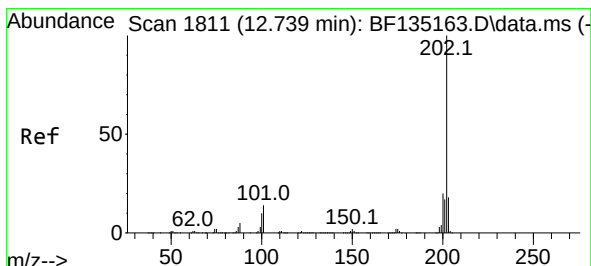
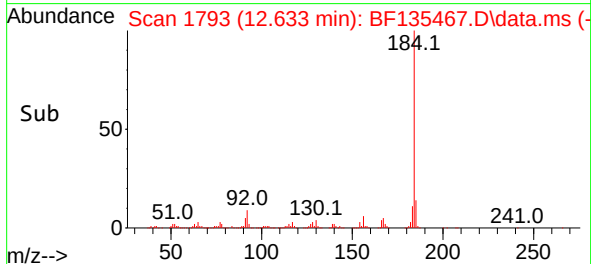
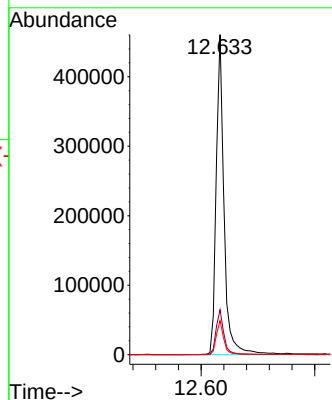
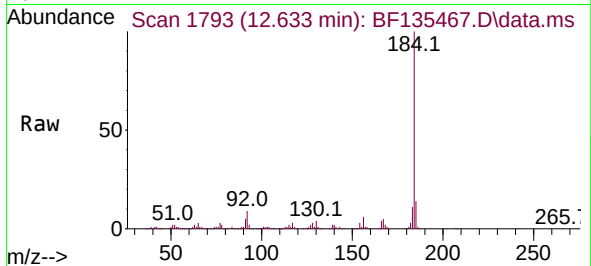




#77
Benzidine
Concen: 73.266 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

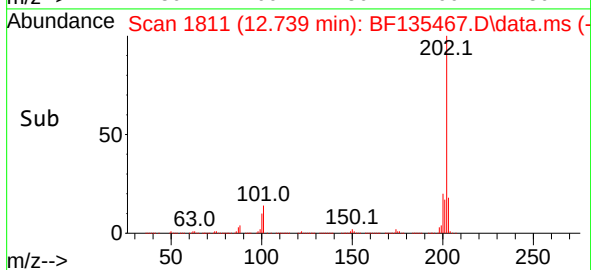
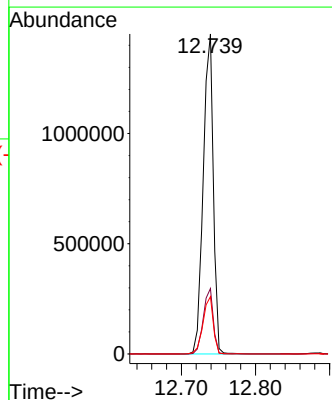
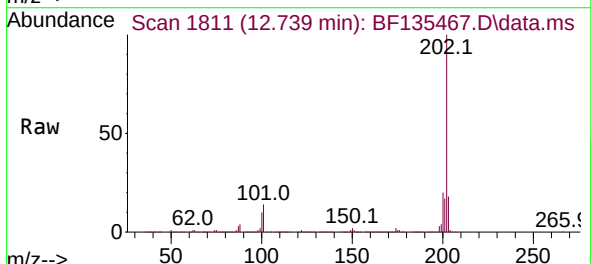
Instrument :
BNA_F
ClientSampleId :
PB155849BS

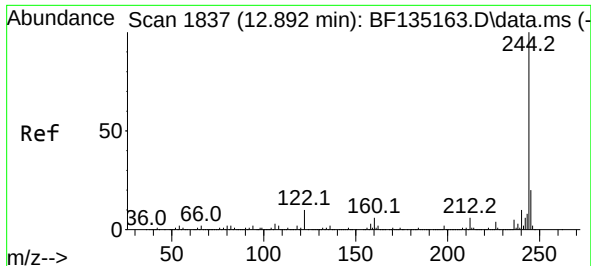
Tgt Ion:184 Resp: 440800
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.6 8.2 12.4



#78
Pyrene
Concen: 48.995 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

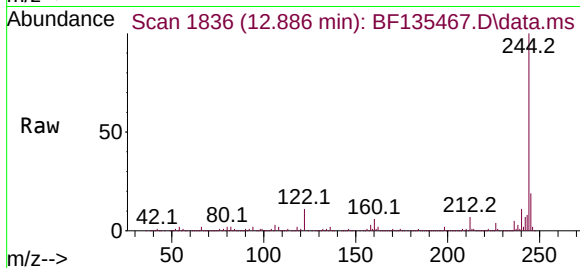
Tgt Ion:202 Resp: 1369884
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.9 14.2 21.4



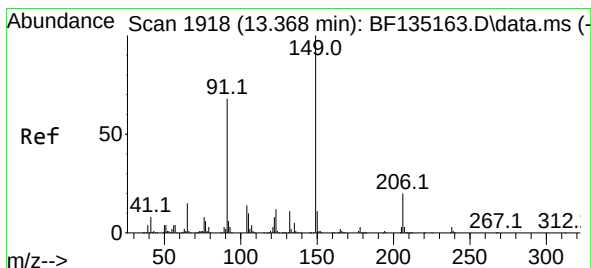
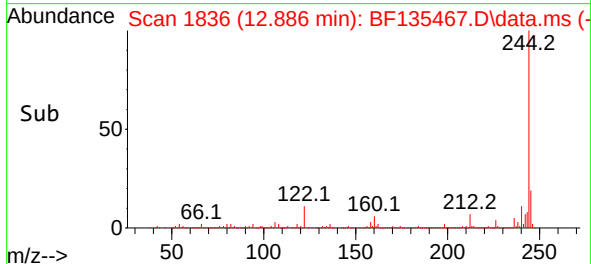
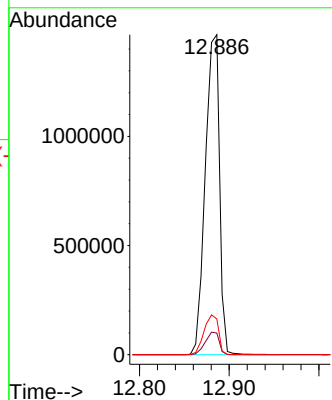


#79
 Terphenyl-d14
 Concen: 85.382 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: BF135467.D
 Acq: 27 Sep 2023 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB155849BS

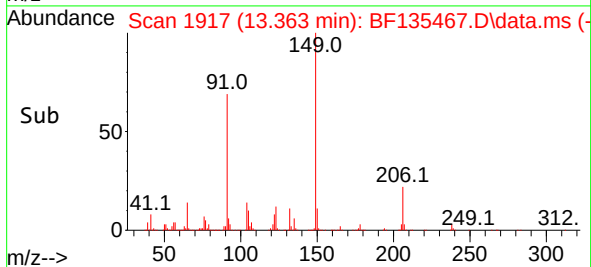
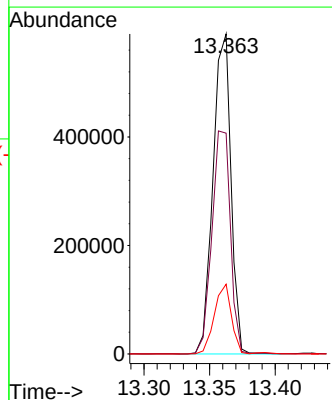
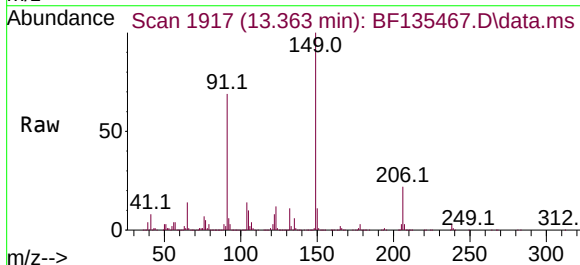


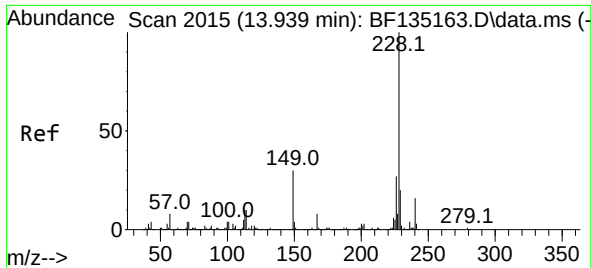
Tgt Ion:244 Resp: 1617503
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.1 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 57.006 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. 0.006 min
 Lab File: BF135467.D
 Acq: 27 Sep 2023 12:02

Tgt Ion:149 Resp: 561184
 Ion Ratio Lower Upper
 149 100
 91 69.0 54.7 82.1
 206 21.8 16.3 24.5

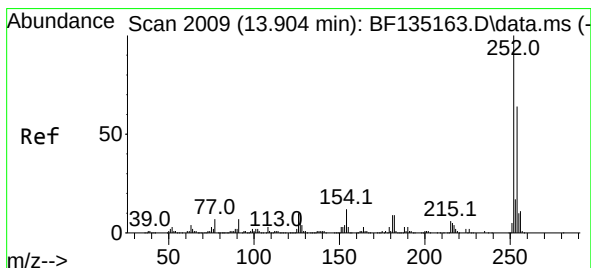
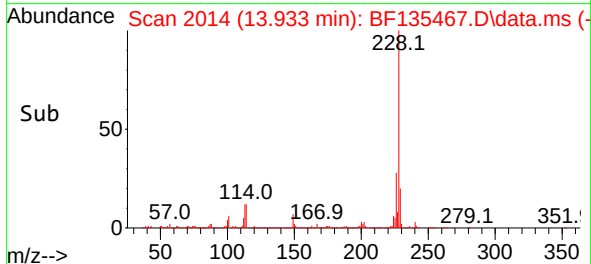
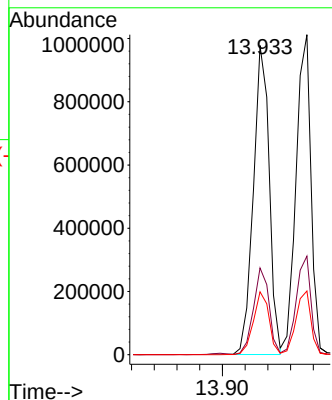
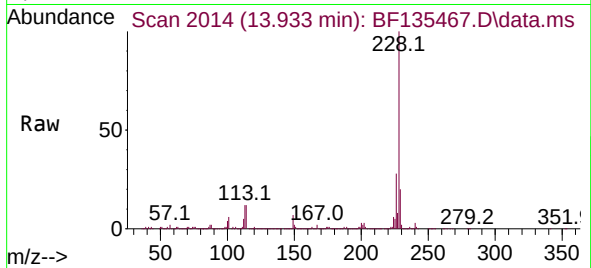




#81
Benzo(a)anthracene
Concen: 50.101 ng
RT: 13.933 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

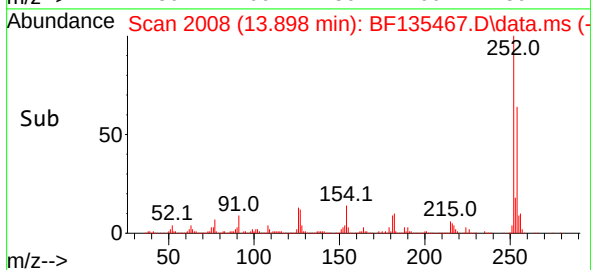
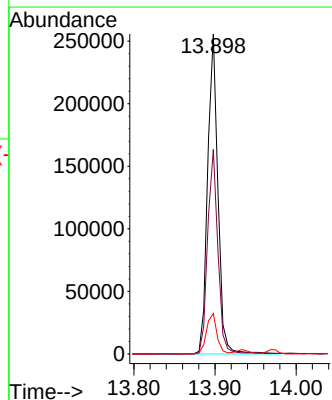
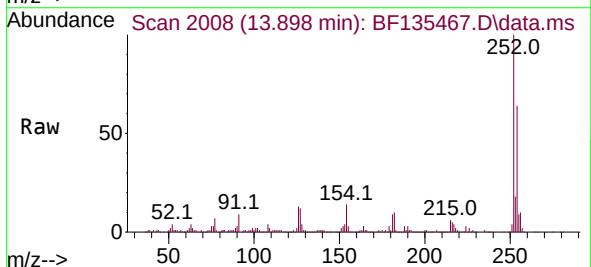
Instrument :
BNA_F
ClientSampleId :
PB155849BS

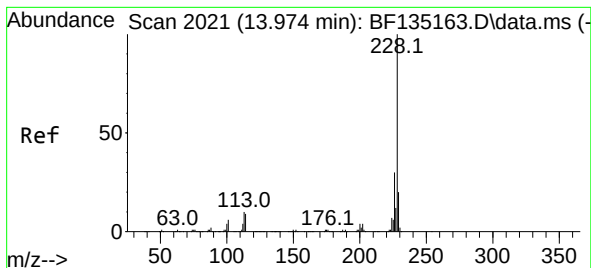
Tgt Ion:228 Resp: 950081
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 20.3 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 37.947 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:252 Resp: 224771
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.4
126 12.7 7.8 11.8#





#83

Chrysene

Concen: 49.227 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

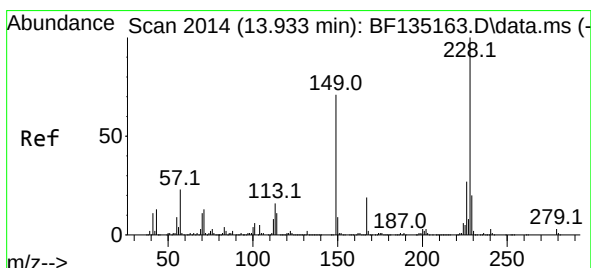
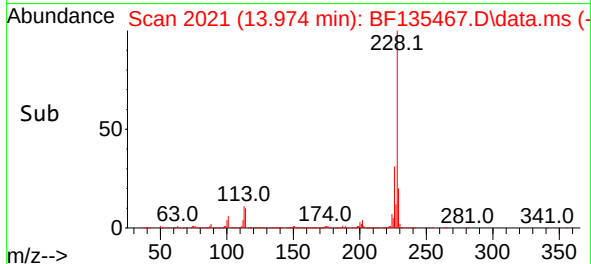
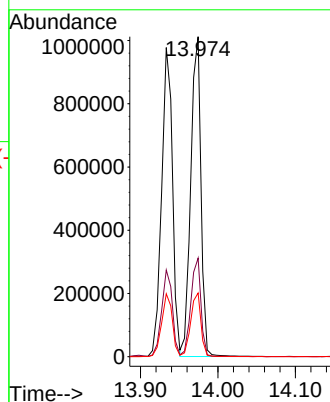
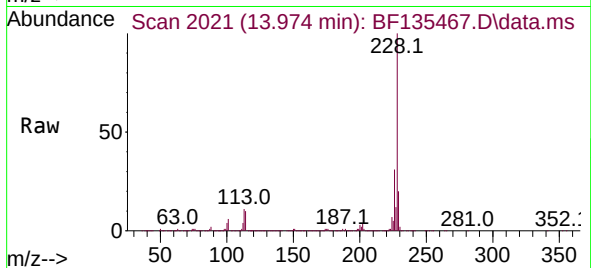
Tgt Ion:228 Resp: 928111

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.276 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

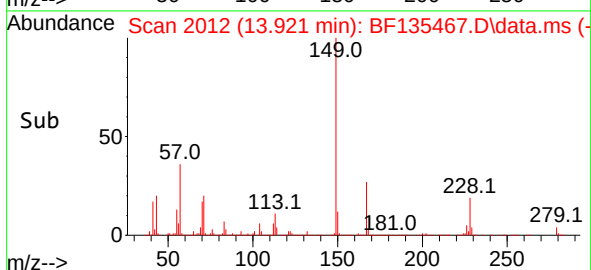
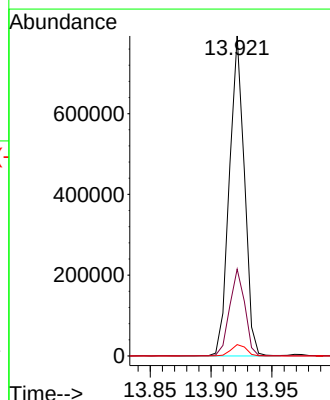
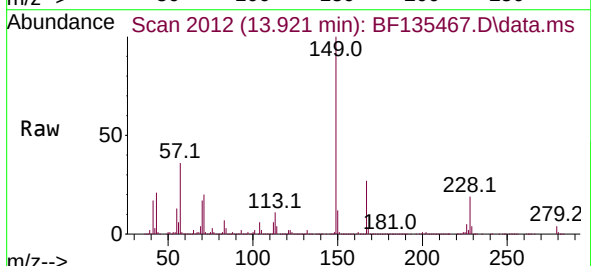
Tgt Ion:149 Resp: 679617

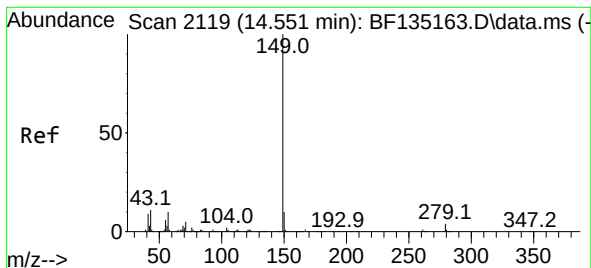
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 64.355 ng

RT: 14.539 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

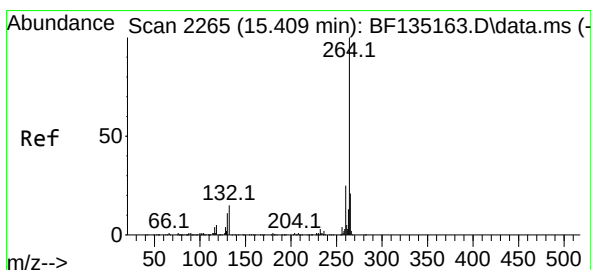
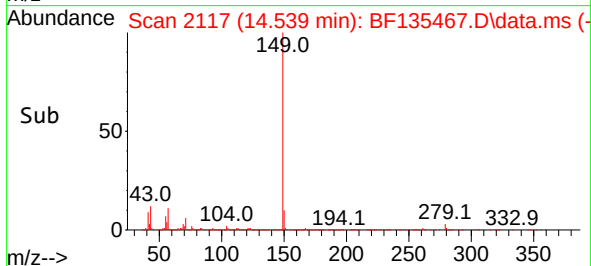
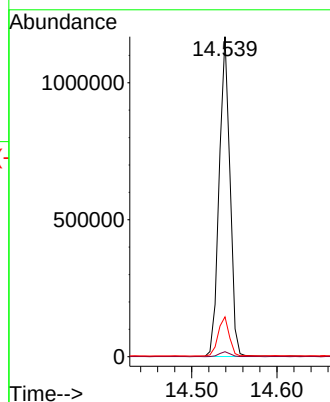
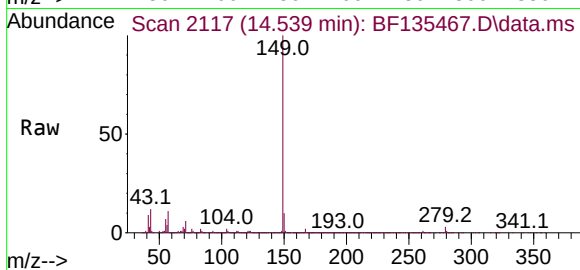
Tgt Ion:149 Resp: 1033152

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.6 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: BF135467.D

Acq: 27 Sep 2023 12:02

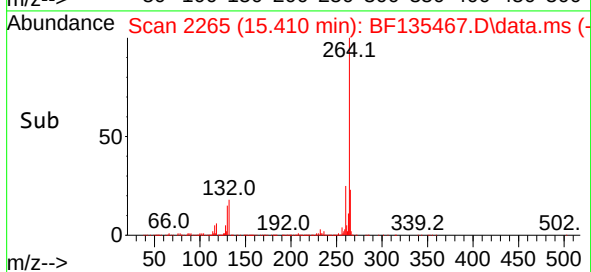
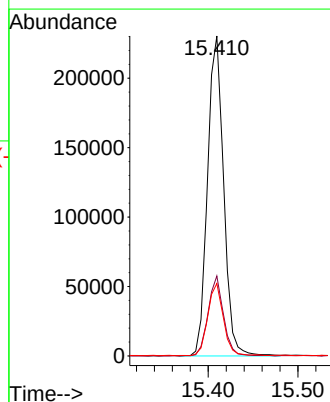
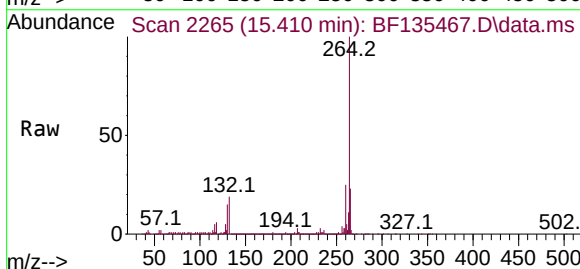
Tgt Ion:264 Resp: 287805

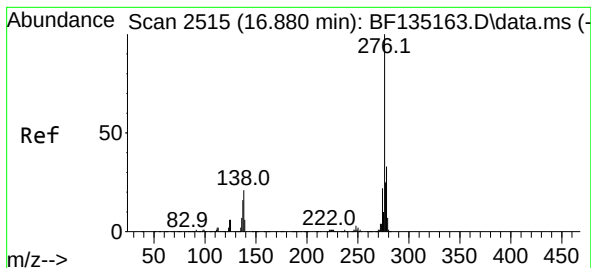
Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.6

265 22.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.823 ng

RT: 16.904 min Scan# 2198

Delta R.T. 0.018 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

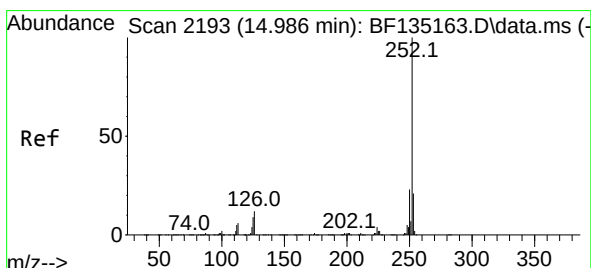
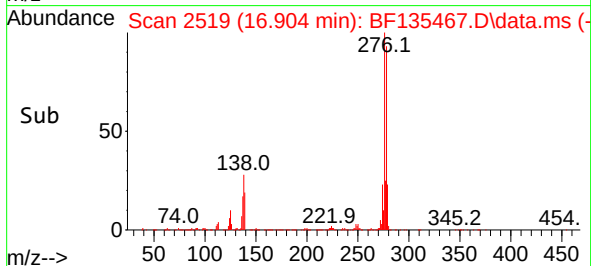
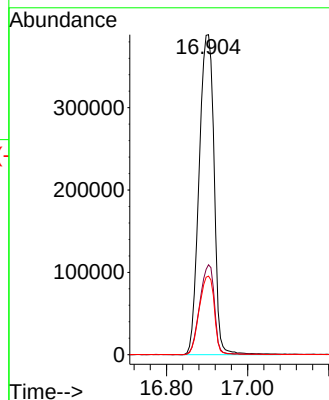
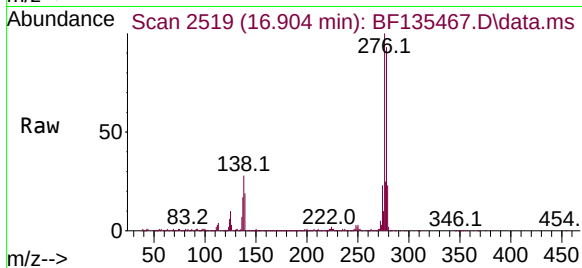
Tgt Ion:276 Resp: 996789

Ion Ratio Lower Upper

276 100

138 27.5 19.2 28.8

277 24.7 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 46.717 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.035 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

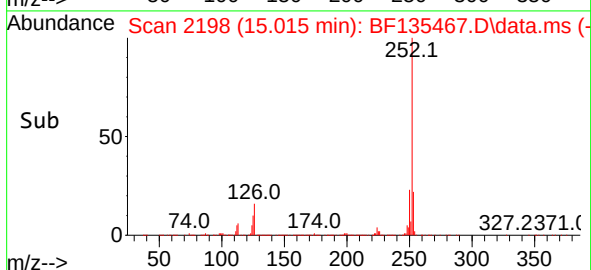
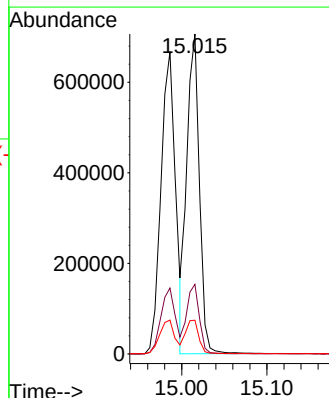
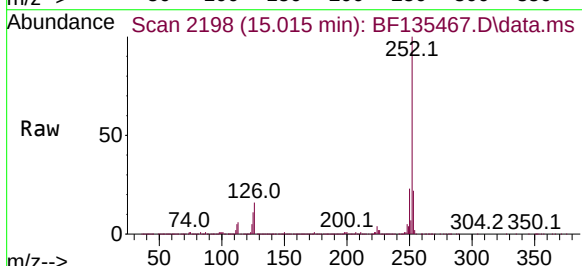
Tgt Ion:252 Resp: 727845

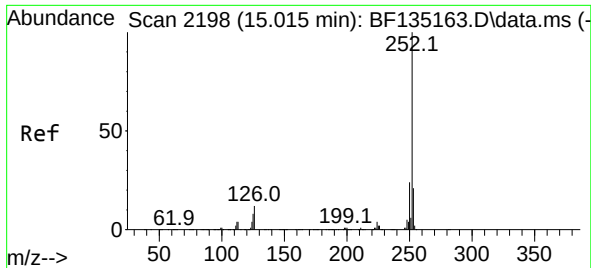
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.6 7.1 10.7

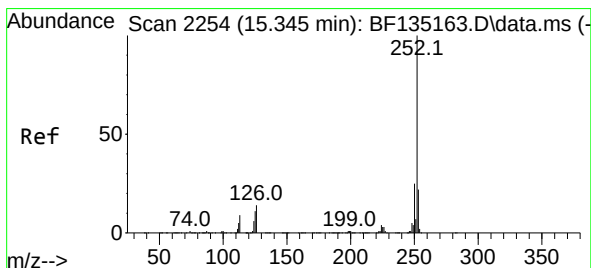
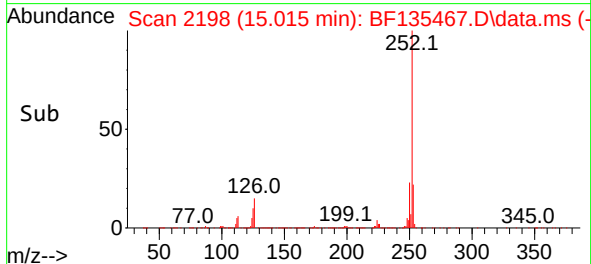
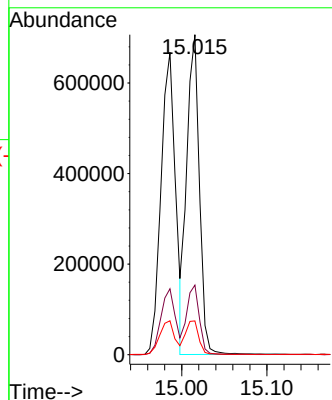
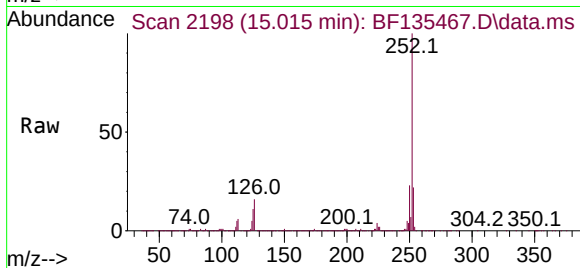




#89
Benzo(k)fluoranthene
Concen: 47.293 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

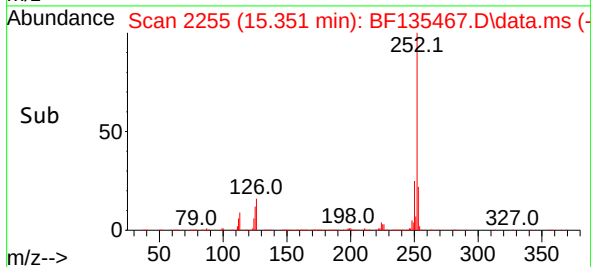
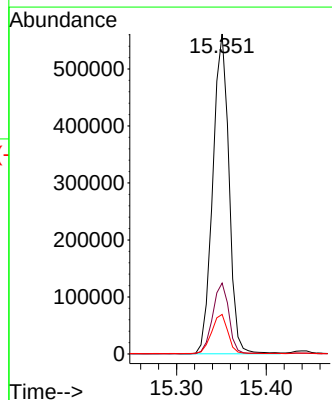
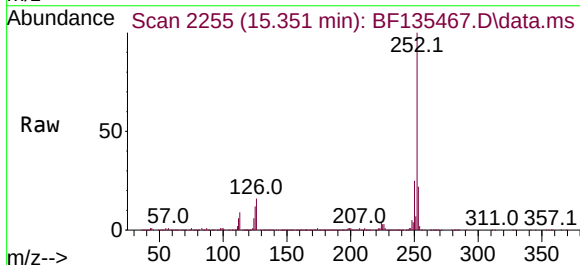
Instrument :
BNA_F
ClientSampleId :
PB155849BS

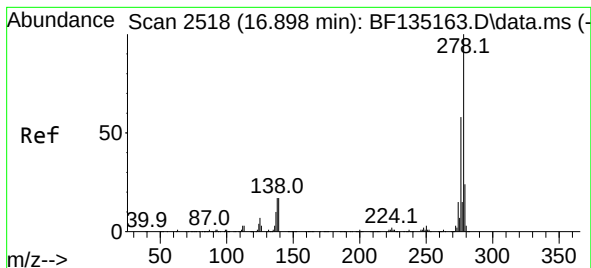
Tgt Ion:252 Resp: 727845
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.6 7.2 10.8



#90
Benzo(a)pyrene
Concen: 47.296 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135467.D
Acq: 27 Sep 2023 12:02

Tgt Ion:252 Resp: 702696
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 12.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 51.389 ng

RT: 16.909 min Scan# 2518

Delta R.T. 0.012 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA_F

ClientSampleId :

PB155849BS

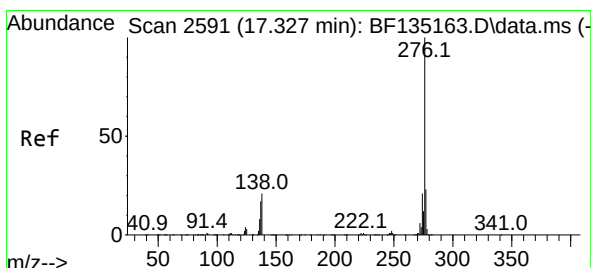
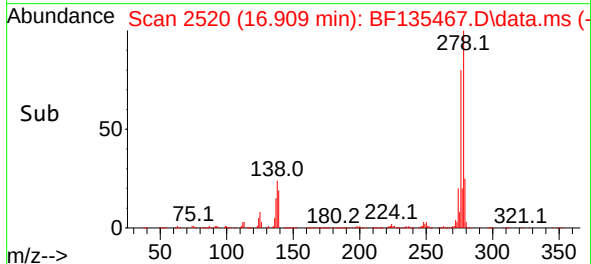
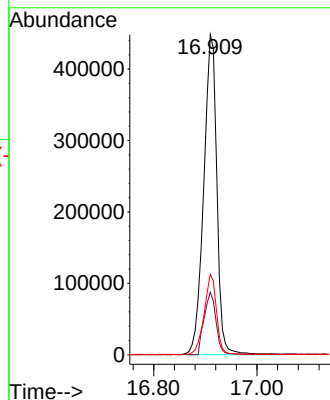
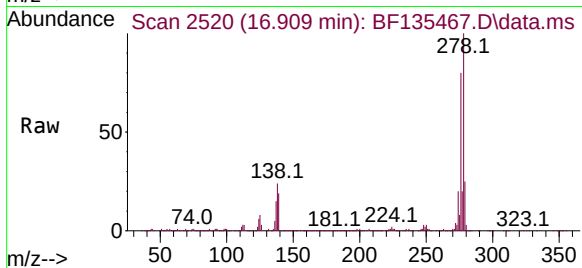
Tgt Ion:278 Resp: 793443

Ion Ratio Lower Upper

278 100

139 19.5 13.4 20.0

279 25.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 51.928 ng

RT: 17.351 min Scan# 2595

Delta R.T. 0.018 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Tgt Ion:276 Resp: 837338

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 24.9 16.9 25.3

