

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135269.D
 Acq On : 14 Sep 2023 23:18
 Operator : CG\JU
 Sample : 04283-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Quant Time: Sep 15 01:39:06 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 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	121947	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	471079	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	216845	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	350700	20.000	ng	0.00
76) Chrysene-d12	13.951	240	197046	20.000	ng	0.00
86) Perylene-d12	15.415	264	212499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	707565	94.370	ng	0.02
7) Phenol-d6	6.416	99	932981	97.860	ng	0.01
23) Nitrobenzene-d5	7.333	82	579989	66.890	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	172033	79.833	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1007880	70.124	ng	0.00
79) Terphenyl-d14	12.886	244	767271	60.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	147148	44.769	ng	99
3) Pyridine	3.328	79	349207	39.475	ng	97
4) n-Nitrosodimethylamine	3.298	42	231479	49.311	ng	95
6) Aniline	6.434	93	422998	33.834	ng	# 76
8) 2-Chlorophenol	6.551	128	408175	50.997	ng	99
9) Benzaldehyde	6.316	77	151404	27.877	ng	98
10) Phenol	6.428	94	471019	45.055	ng	80
11) bis(2-Chloroethyl)ether	6.504	93	387255	49.383	ng	99
12) 1,3-Dichlorobenzene	6.704	146	411834	50.629	ng	99
13) 1,4-Dichlorobenzene	6.781	146	413143	49.922	ng	99
14) 1,2-Dichlorobenzene	6.934	146	392079	51.016	ng	98
15) Benzyl Alcohol	6.916	79	350146	51.181	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	714481	48.337	ng	88
17) 2-Methylphenol	7.028	107	316092	44.752	ng	96
18) Hexachloroethane	7.269	117	153022	50.042	ng	92
19) n-Nitroso-di-n-propyla...	7.186	70	267096	45.230	ng	98
20) 3+4-Methylphenols	7.181	107	367201	43.235	ng	97
22) Acetophenone	7.175	105	527039	48.935	ng	# 97
24) Nitrobenzene	7.351	77	421679	49.203	ng	100
25) Isophorone	7.592	82	773776	48.598	ng	99
26) 2-Nitrophenol	7.663	139	197212	47.946	ng	98
27) 2,4-Dimethylphenol	7.710	122	320980	46.426	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	470803	49.404	ng	100
29) 2,4-Dichlorophenol	7.910	162	307091	47.934	ng	97
30) 1,2,4-Trichlorobenzene	7.986	180	340541	50.856	ng	97
31) Naphthalene	8.069	128	1117809	48.838	ng	99
32) Benzoic acid	7.828	122	114112	21.919	ng	98
33) 4-Chloroaniline	8.122	127	329028	32.765	ng	99
34) Hexachlorobutadiene	8.180	225	204622	50.678	ng	99
35) Caprolactam	8.504	113	77277	35.941	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	322934	45.354	ng	99
37) 2-Methylnaphthalene	8.757	142	689852	44.838	ng	98
38) 1-Methylnaphthalene	8.857	142	659654	45.795	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	333433	53.076	ng	99
41) Hexachlorocyclopentadiene	8.904	237	120369	46.855	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	198206	48.188	ng	98

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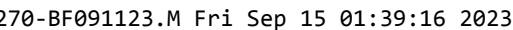
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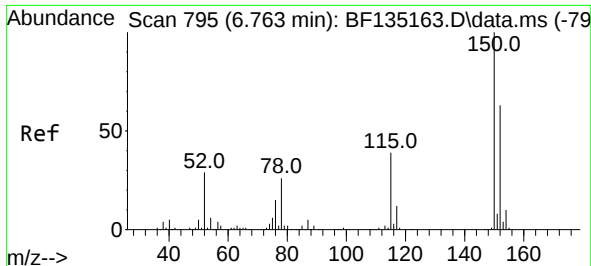
Quant Time: Sep 15 01:39:06 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	201271	42.491	ng	94
46) 1,1'-Biphenyl	9.227	154	851445	51.094	ng	99
47) 2-Chloronaphthalene	9.251	162	635835	52.588	ng	98
48) 2-Nitroaniline	9.351	65	241315	51.374	ng	97
49) Acenaphthylene	9.663	152	1006627	50.096	ng	99
50) Dimethylphthalate	9.533	163	757570	51.673	ng	100
51) 2,6-Dinitrotoluene	9.598	165	163222	50.821	ng	91
52) Acenaphthene	9.839	154	585582	49.331	ng	98
53) 3-Nitroaniline	9.769	138	161078	42.726	ng	95
54) 2,4-Dinitrophenol	9.874	184	20752	16.740	ng	# 88
55) Dibenzofuran	10.010	168	862539	47.617	ng	99
56) 4-Nitrophenol	9.939	139	172823	72.128	ng	95
57) 2,4-Dinitrotoluene	10.004	165	184540	45.896	ng	90
58) Fluorene	10.357	166	650477	46.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	147537	40.490	ng	99
60) Diethylphthalate	10.233	149	731171	49.694	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	316190	47.268	ng	98
62) 4-Nitroaniline	10.386	138	154338	42.589	ng	95
63) Azobenzene	10.510	77	680329	47.245	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	24302	13.047	ng	84
66) n-Nitrosodiphenylamine	10.469	169	603145	56.808	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	193407	55.450	ng	97
68) Hexachlorobenzene	10.904	284	200214	56.344	ng	97
69) Atrazine	11.004	200	172661	60.438	ng	98
70) Pentachlorophenol	11.098	266	116843	54.959	ng	96
71) Phenanthrene	11.321	178	843988	50.884	ng	100
72) Anthracene	11.369	178	851778	49.960	ng	99
73) Carbazole	11.533	167	746929	48.126	ng	98
74) Di-n-butylphthalate	11.863	149	994062	54.355	ng	99
75) Fluoranthene	12.515	202	787505	45.565	ng	98
77) Benzidine	12.639	184	188279	46.640	ng	99
78) Pyrene	12.745	202	787639	41.984	ng	99
80) Butylbenzylphthalate	13.368	149	312730	47.346	ng	95
81) Benzo(a)anthracene	13.939	228	645376	50.722	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	207754	52.274	ng	99
83) Chrysene	13.980	228	626877	49.554	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	398060	58.728	ng	99
85) Di-n-octyl phthalate	14.551	149	730282	67.797	ng	100
87) Indeno(1,2,3-cd)pyrene	16.903	276	526179	37.765	ng	98
88) Benzo(b)fluoranthene	14.992	252	616992	53.636	ng	98
89) Benzo(k)fluoranthene	15.021	252	598167	52.640	ng	98
90) Benzo(a)pyrene	15.357	252	522802	47.658	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	439918	38.589	ng	97
92) Benzo(g,h,i)perylene	17.345	276	406078	34.107	ng	100

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

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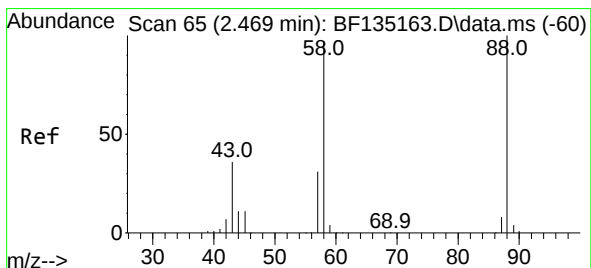
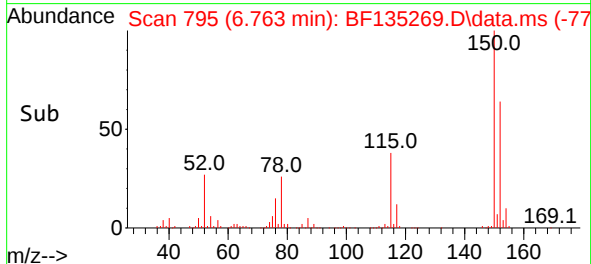
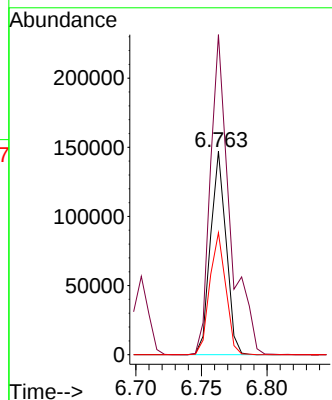
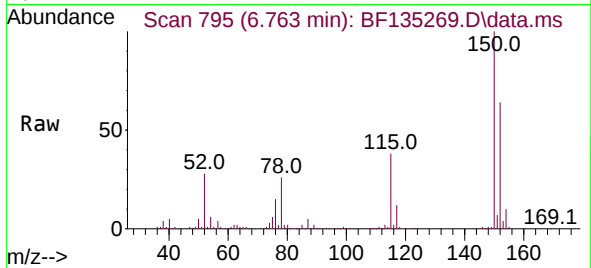




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

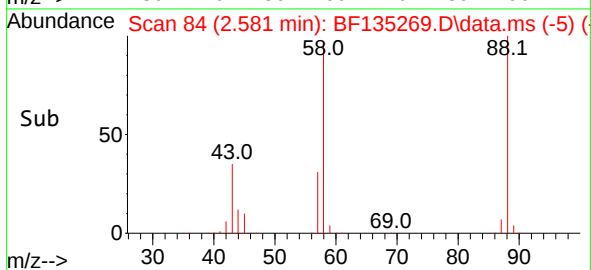
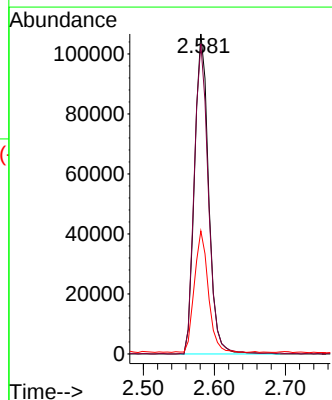
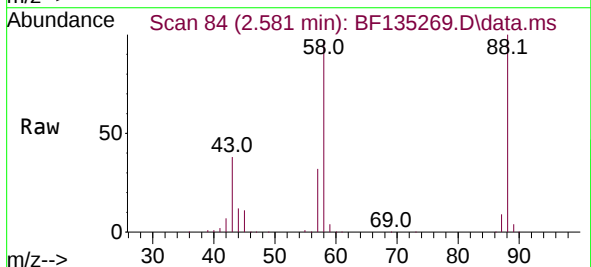
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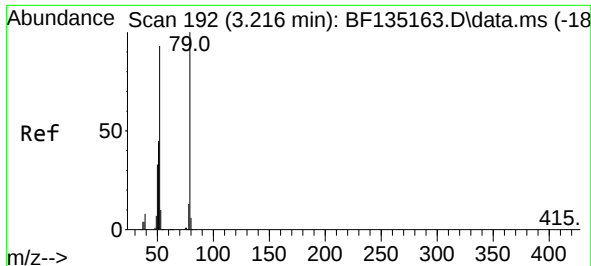
Tgt Ion:152 Resp: 121947
Ion Ratio Lower Upper
152 100
150 157.4 127.8 191.6
115 60.0 49.8 74.8



#2
1,4-Dioxane
Concen: 44.769 ng
RT: 2.581 min Scan# 84
Delta R.T. 0.112 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion: 88 Resp: 147148
Ion Ratio Lower Upper
88 100
58 97.4 78.3 117.5
43 37.5 29.4 44.0

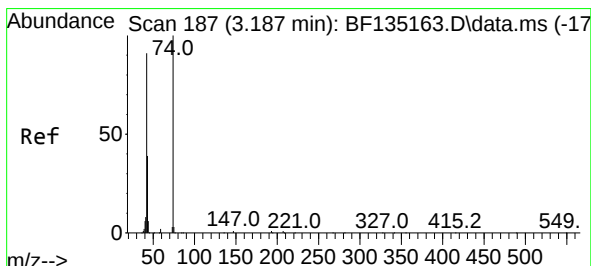
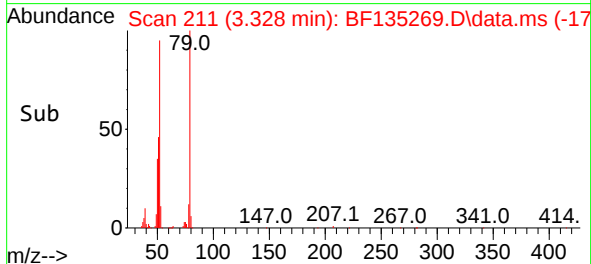
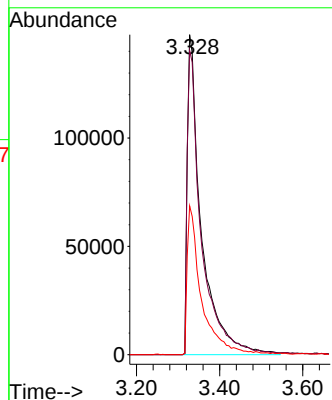
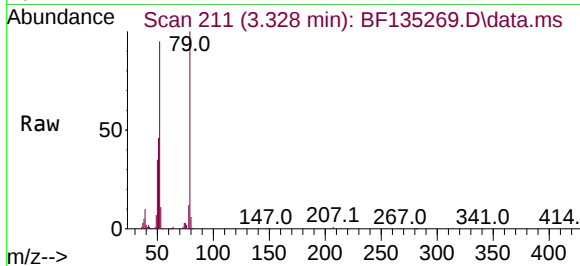




#3
Pyridine
Concen: 39.475 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

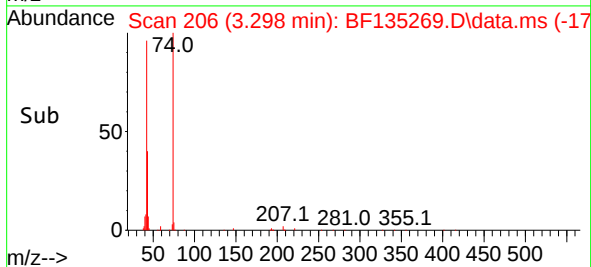
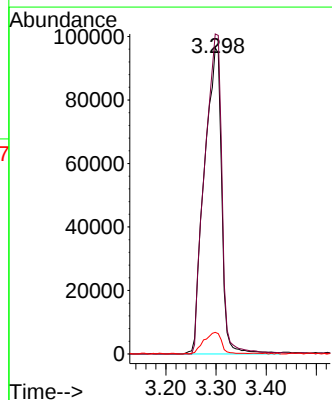
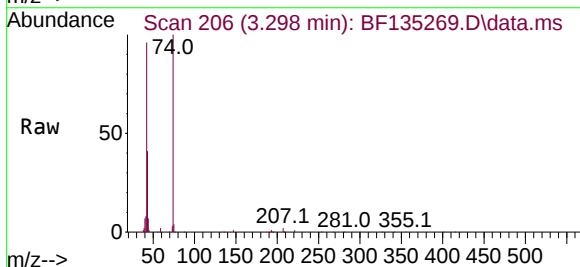
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BNA_F
ClientSampleId :
SB-2MSD

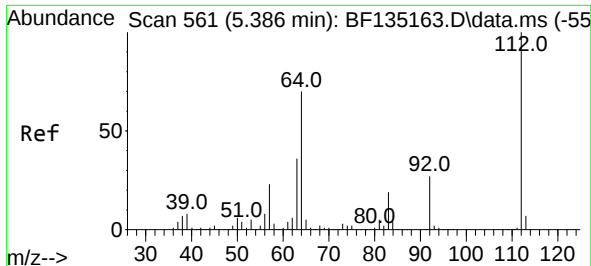
Tgt Ion: 79 Resp: 349207
Ion Ratio Lower Upper
79 100
52 95.1 74.1 111.1
51 46.5 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 49.311 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.112 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion: 42 Resp: 231479
Ion Ratio Lower Upper
42 100
74 104.5 87.7 131.5
44 7.1 5.6 8.4

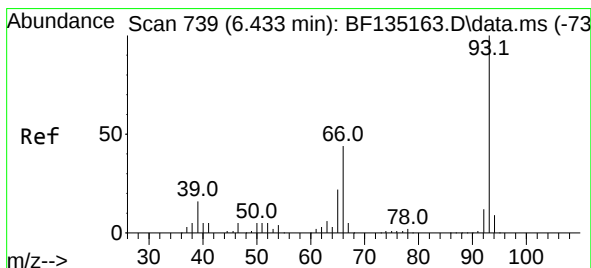
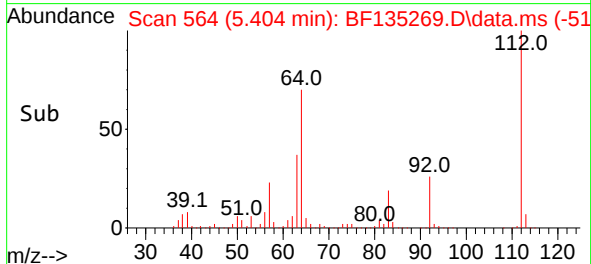
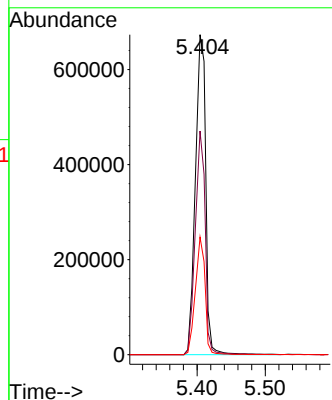
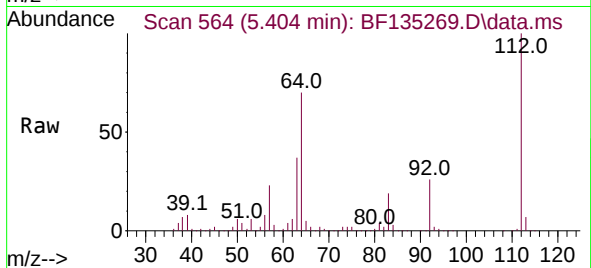




#5
2-Fluorophenol
Concen: 94.370 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

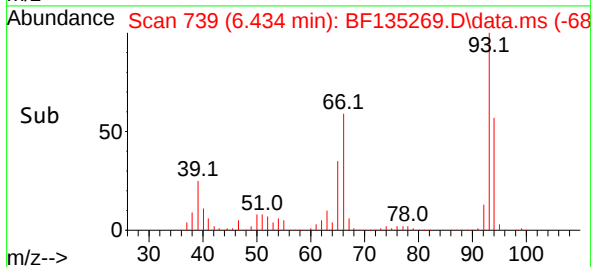
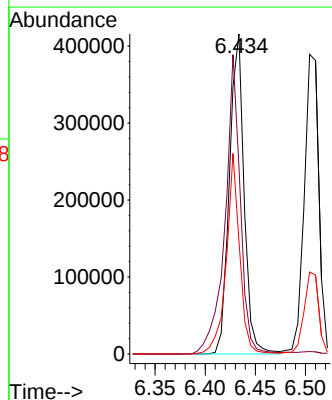
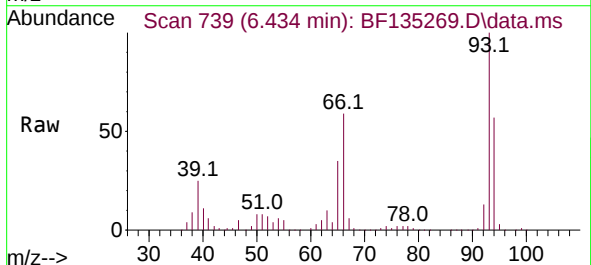
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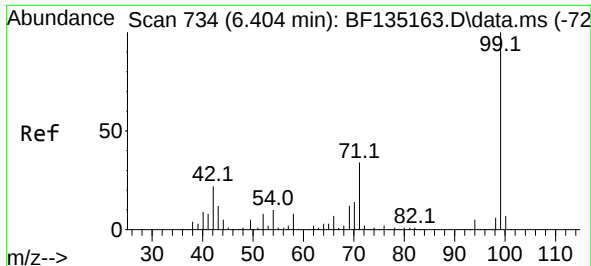
Tgt Ion:112 Resp: 707565
Ion Ratio Lower Upper
112 100
64 69.9 55.9 83.9
63 36.8 29.0 43.6



#6
Aniline
Concen: 33.834 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion: 93 Resp: 422998
Ion Ratio Lower Upper
93 100
66 58.7 35.4 53.0#
65 35.4 17.8 26.8#

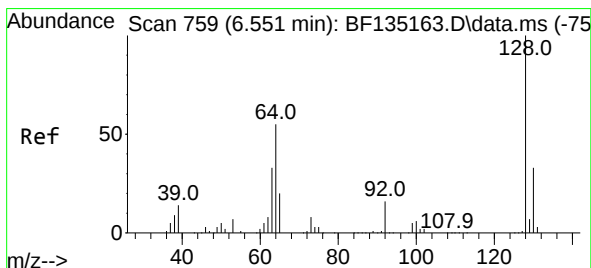
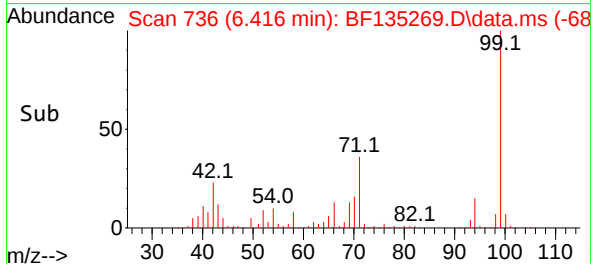
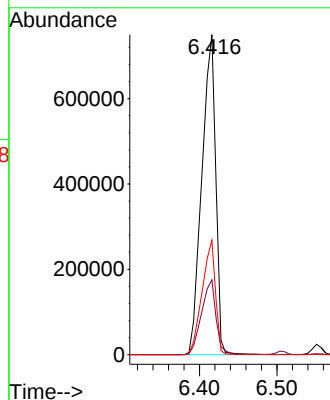
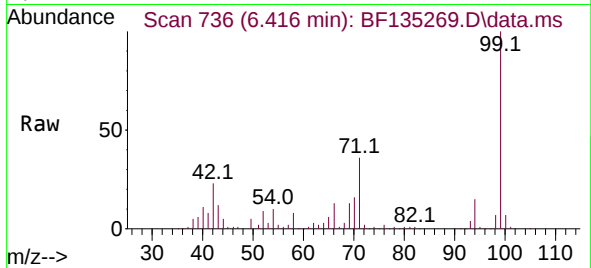




#7
Phenol-d6
Concen: 97.860 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

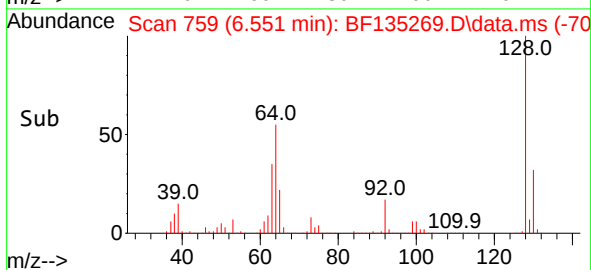
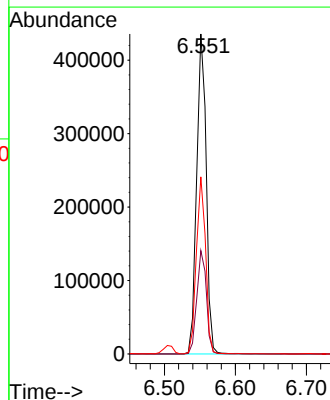
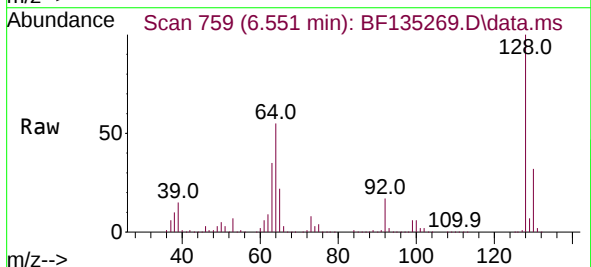
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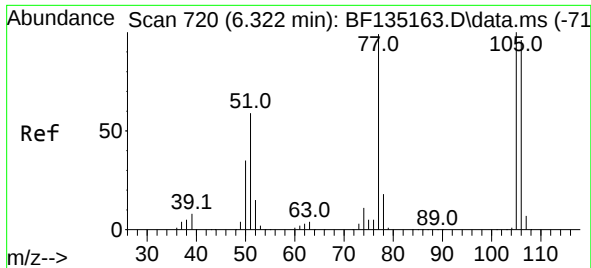
Tgt Ion: 99 Resp: 932981
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 35.8 27.0 40.6



#8
2-Chlorophenol
Concen: 50.997 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:128 Resp: 408175
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 55.4 35.9 75.9





#9

Benzaldehyde

Concen: 27.877 ng

RT: 6.316 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

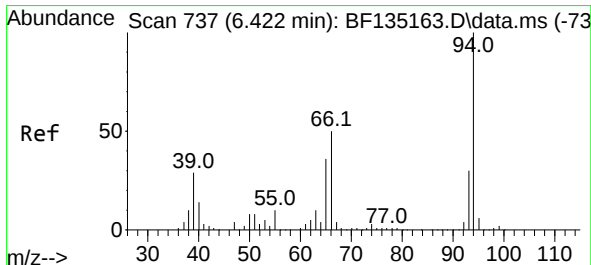
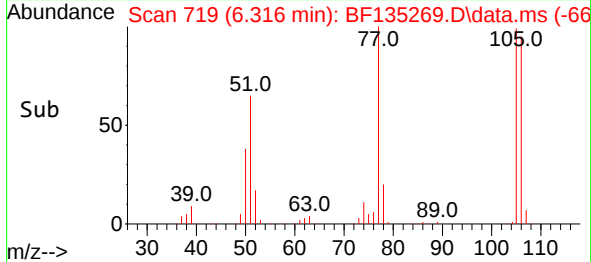
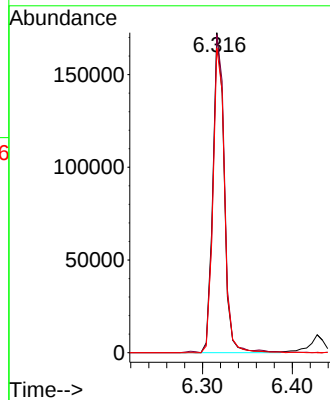
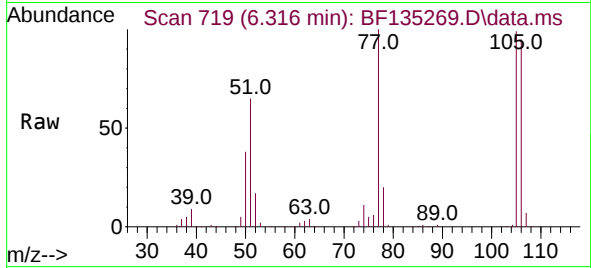
Tgt Ion: 77 Resp: 151404

Ion Ratio Lower Upper

77 100

105 99.4 81.4 121.4

106 95.3 76.9 116.9



#10

Phenol

Concen: 45.055 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

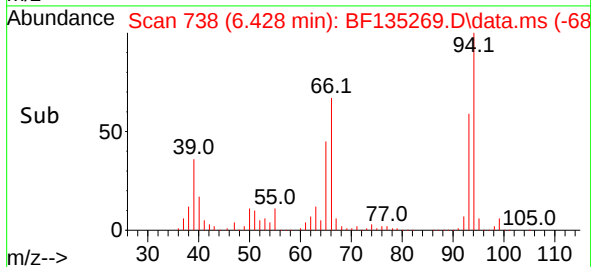
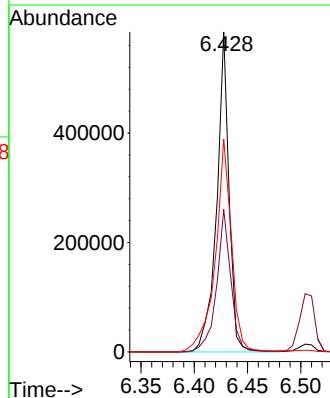
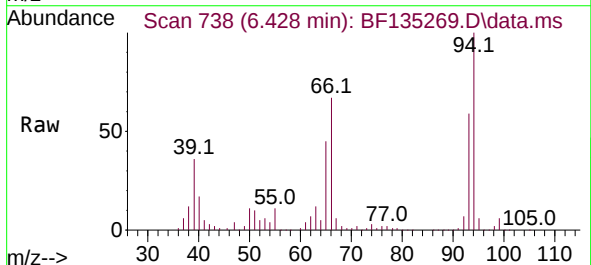
Tgt Ion: 94 Resp: 471019

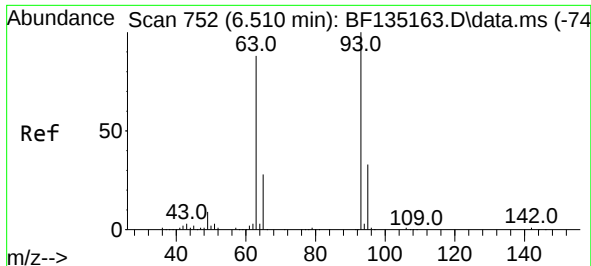
Ion Ratio Lower Upper

94 100

65 44.5 15.9 55.9

66 66.5 29.8 69.8

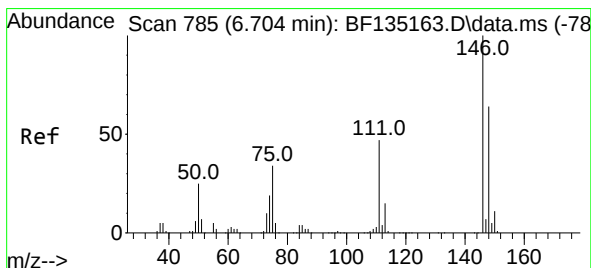
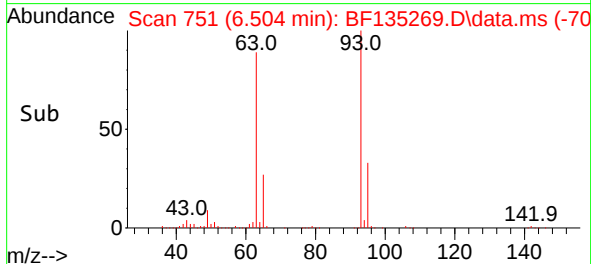
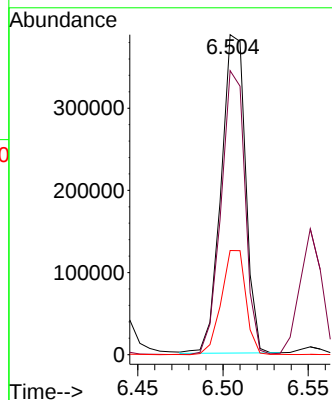
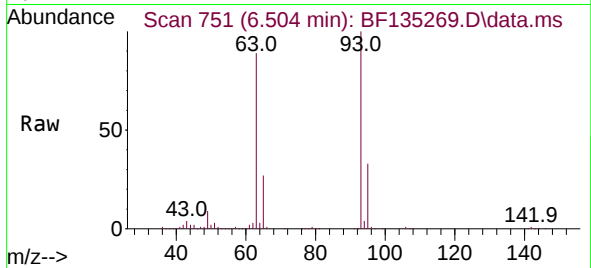




#11
bis(2-Chloroethyl)ether
Concen: 49.383 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

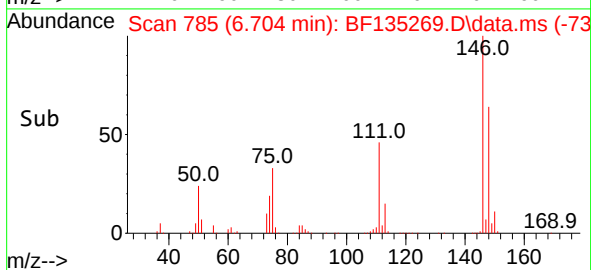
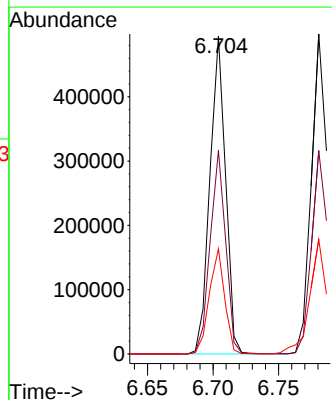
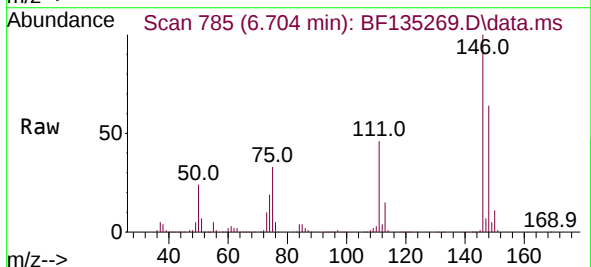
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

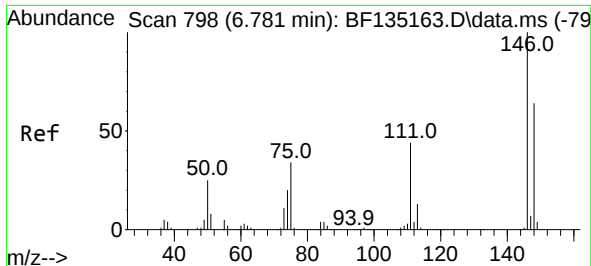
Tgt Ion: 93 Resp: 387255
Ion Ratio Lower Upper
93 100
63 88.8 67.3 107.3
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.629 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion: 146 Resp: 411834
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 33.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 49.922 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

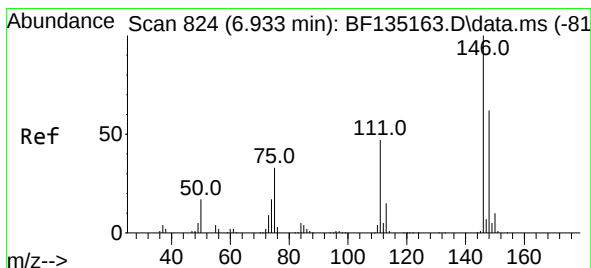
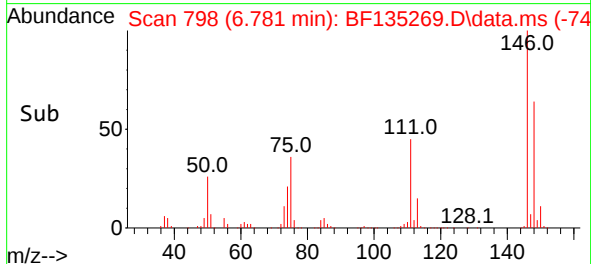
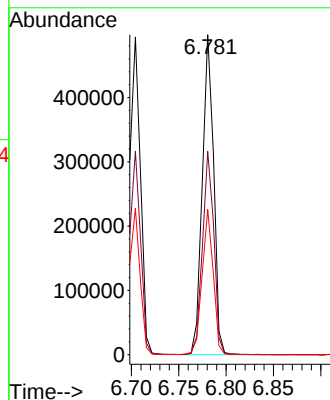
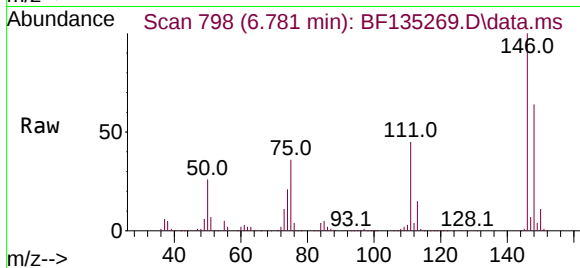
Tgt Ion:146 Resp: 413143

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 45.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 51.016 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

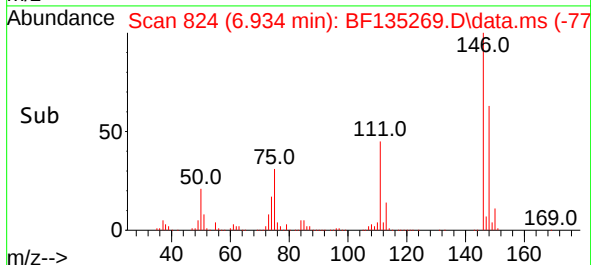
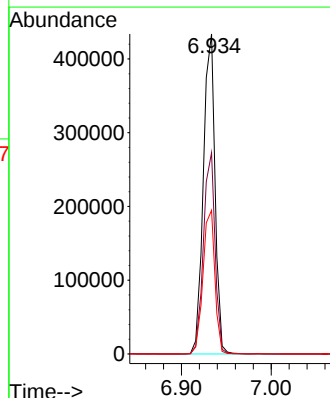
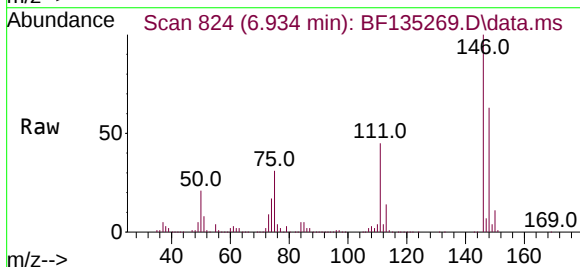
Tgt Ion:146 Resp: 392079

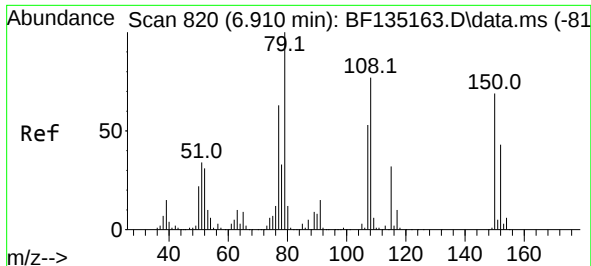
Ion Ratio Lower Upper

146 100

148 62.9 49.7 74.5

111 44.9 37.4 56.2

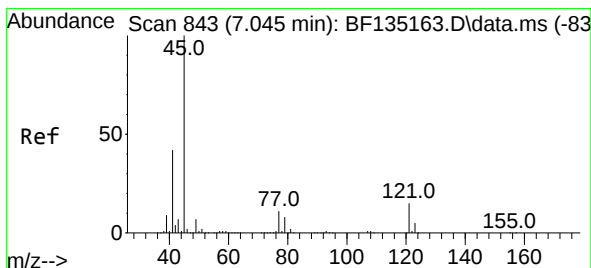
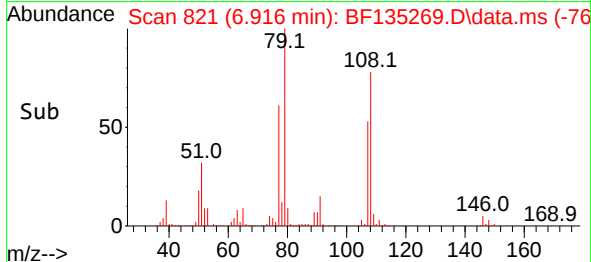
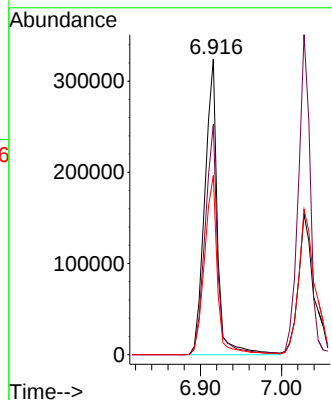
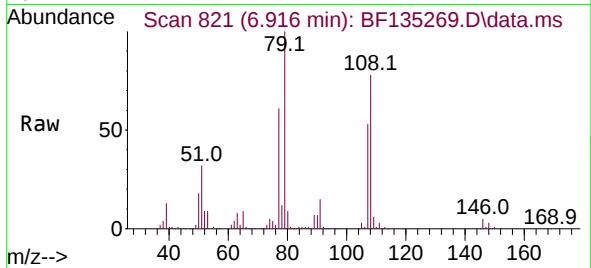




#15
Benzyl Alcohol
Concen: 51.181 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

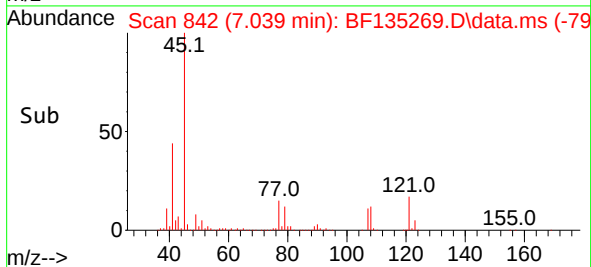
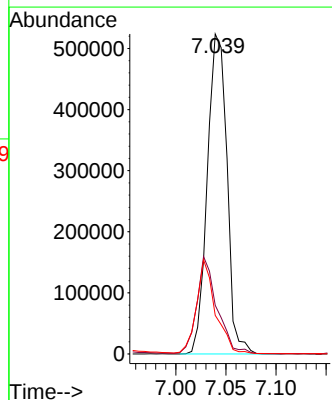
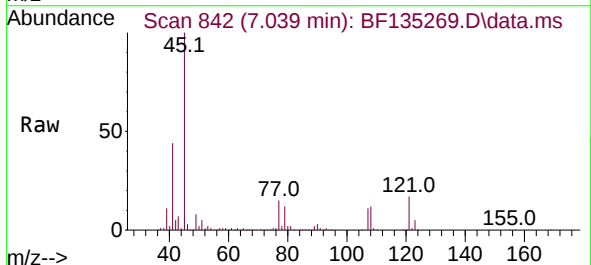
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

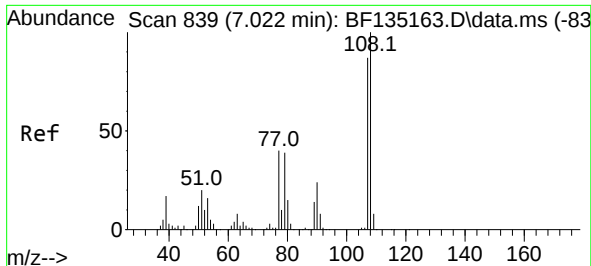
Tgt Ion: 79 Resp: 350146
Ion Ratio Lower Upper
79 100
108 77.9 61.2 91.8
77 60.6 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.337 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion: 45 Resp: 714481
Ion Ratio Lower Upper
45 100
77 15.2 0.0 30.6
79 12.1 0.0 28.3

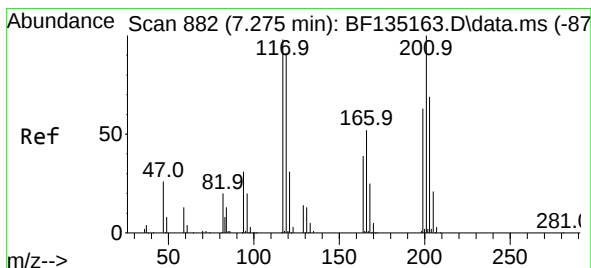
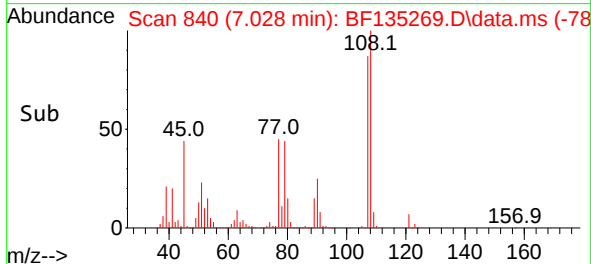
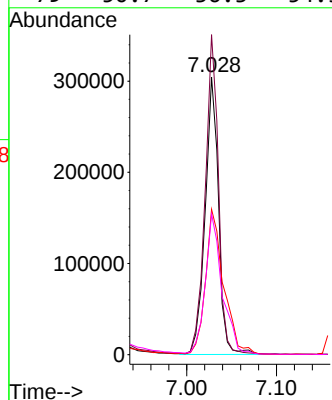
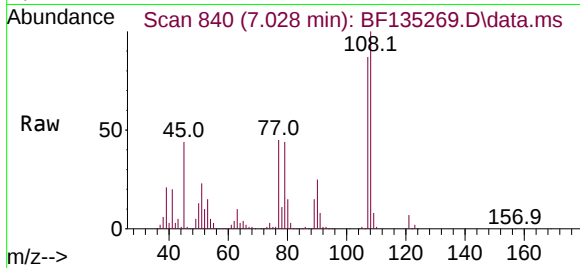




#17
2-Methylphenol
Concen: 44.752 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

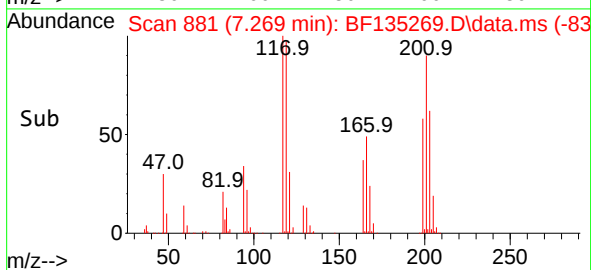
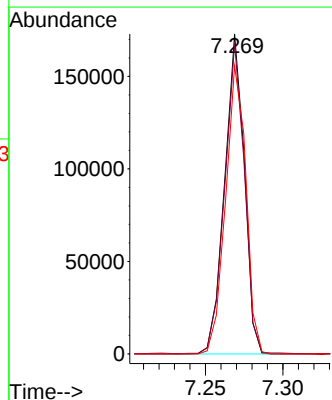
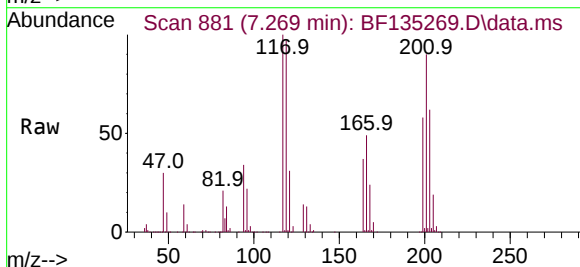
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

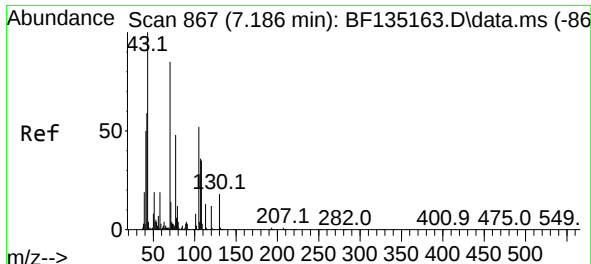
Tgt Ion:107 Resp: 316092
Ion Ratio Lower Upper
107 100
108 115.3 92.0 138.0
77 52.4 36.7 55.1
79 50.7 36.3 54.5



#18
Hexachloroethane
Concen: 50.042 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:117 Resp: 153022
Ion Ratio Lower Upper
117 100
119 97.1 74.7 112.1
201 90.0 81.8 122.8

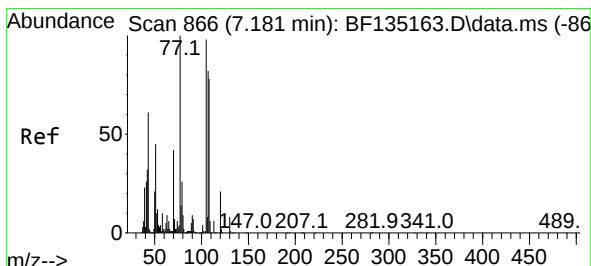
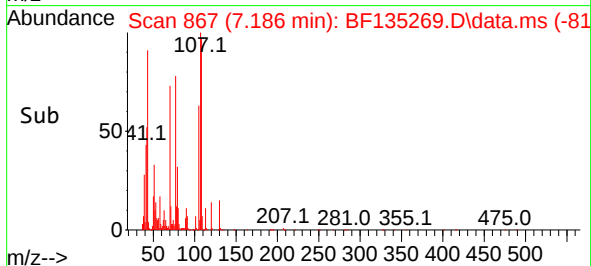
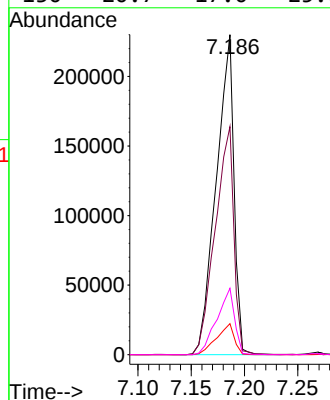
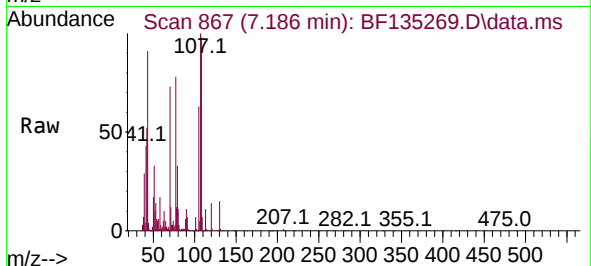




#19
n-Nitroso-di-n-propylamine
Concen: 45.230 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

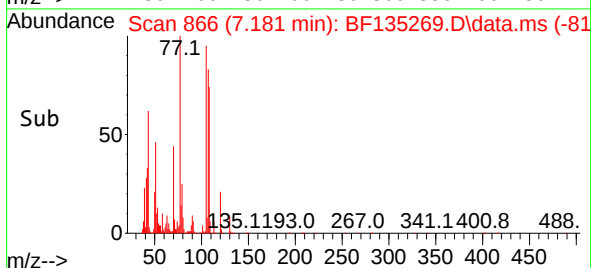
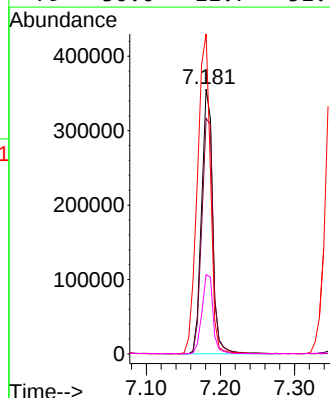
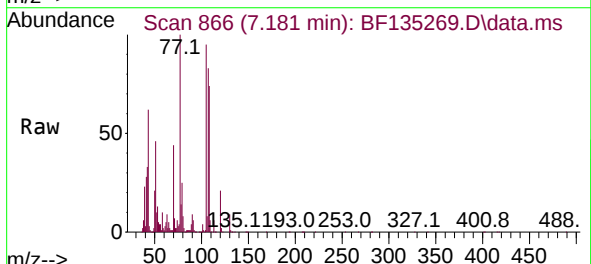
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

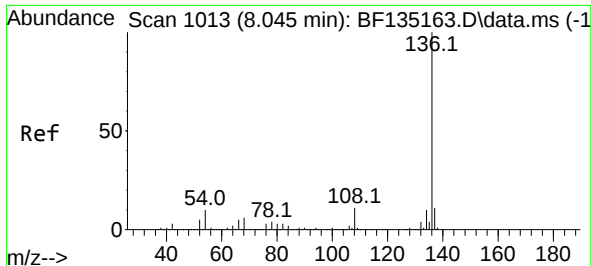
Tgt Ion: 70 Resp: 267096
Ion Ratio Lower Upper
70 100
42 71.2 55.4 83.0
101 9.7 7.7 11.5
130 20.7 17.0 25.6



#20
3+4-Methylphenols
Concen: 43.235 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion: 107 Resp: 367201
Ion Ratio Lower Upper
107 100
108 88.9 74.7 114.7
77 120.9 102.0 142.0
79 30.0 11.7 51.7



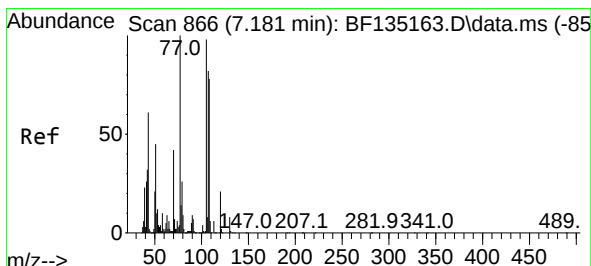
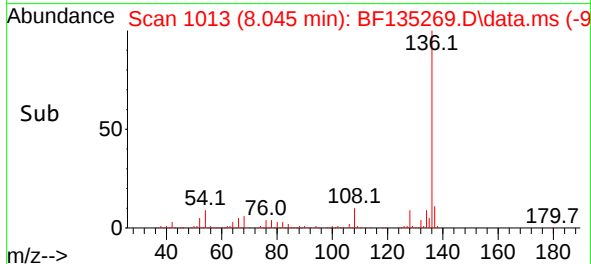
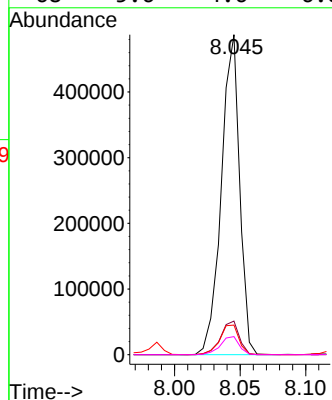
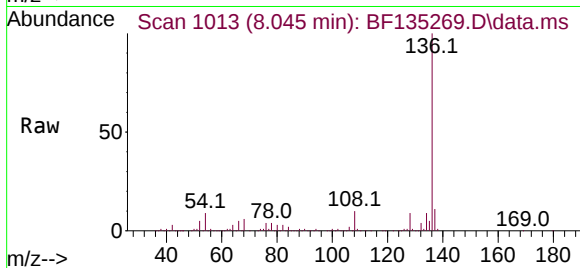


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:136 Resp: 471079

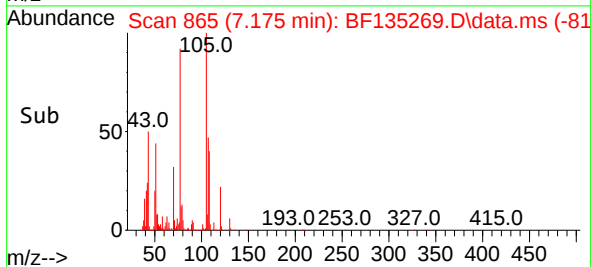
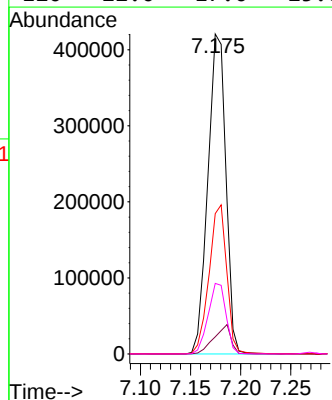
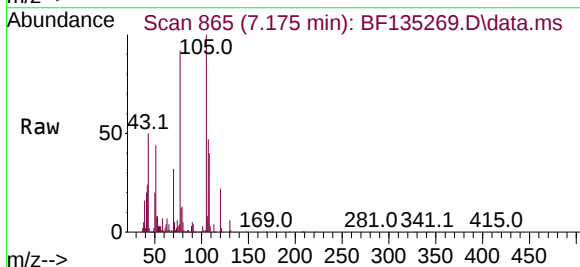
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.3	7.7	11.5
68	5.6	4.6	6.8

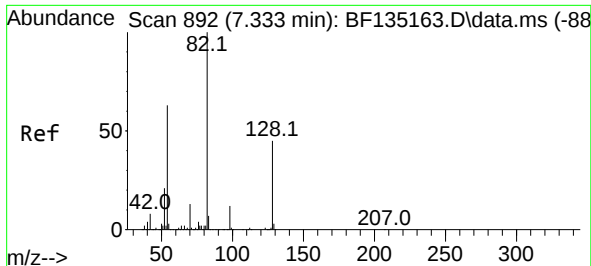


#22
Acetophenone
Concen: 48.935 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:105 Resp: 527039

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.8	8.6#
51	43.9	37.0	55.4
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 66.890 ng

RT: 7.333 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

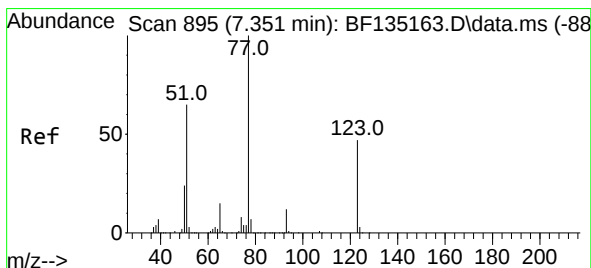
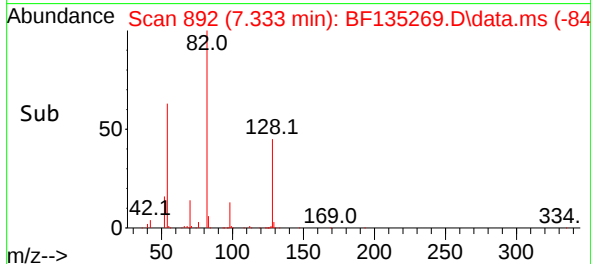
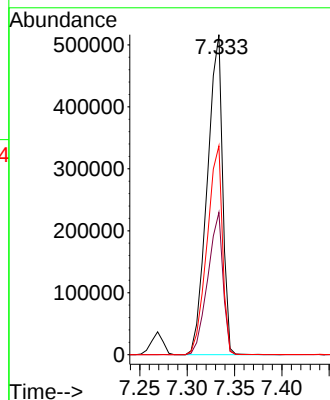
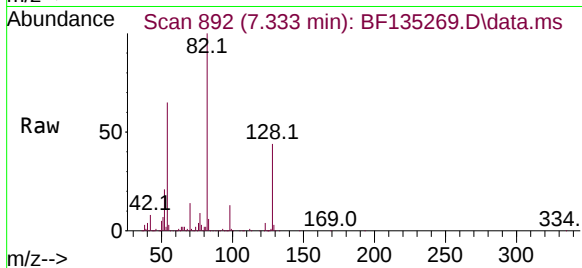
Tgt Ion: 82 Resp: 579989

Ion Ratio Lower Upper

82 100

128 44.4 35.8 53.6

54 65.2 50.6 76.0



#24

Nitrobenzene

Concen: 49.203 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

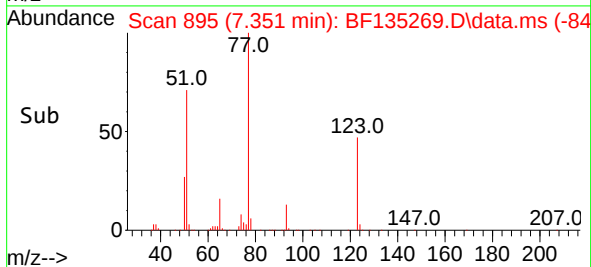
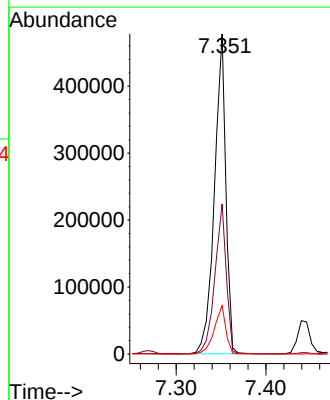
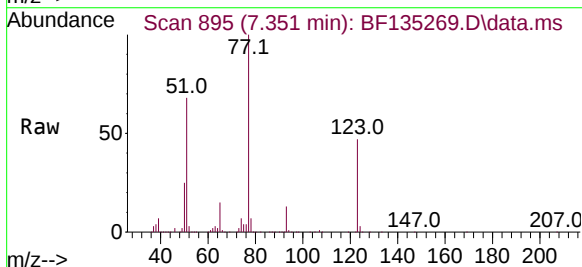
Tgt Ion: 77 Resp: 421679

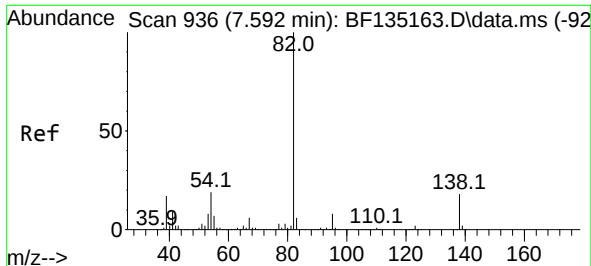
Ion Ratio Lower Upper

77 100

123 46.9 37.6 56.4

65 15.1 12.2 18.4

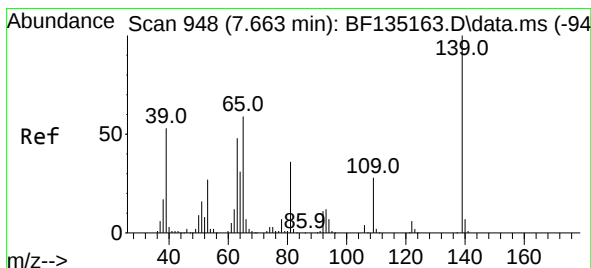
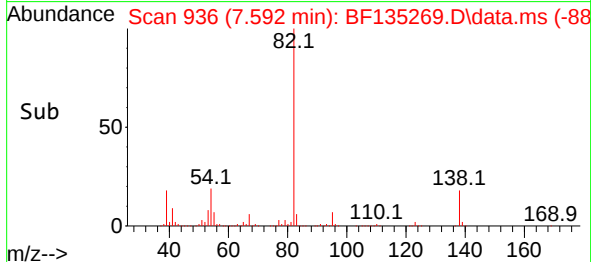
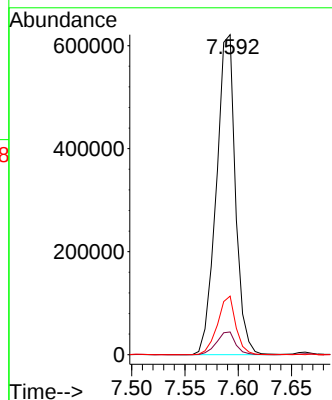
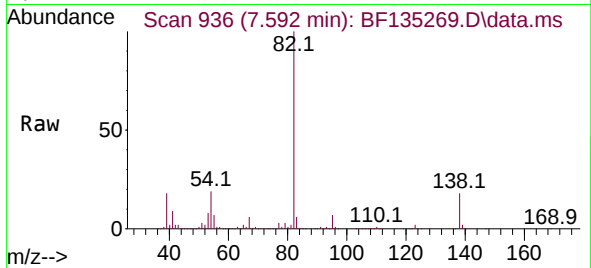




#25
Isophorone
Concen: 48.598 ng
RT: 7.592 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

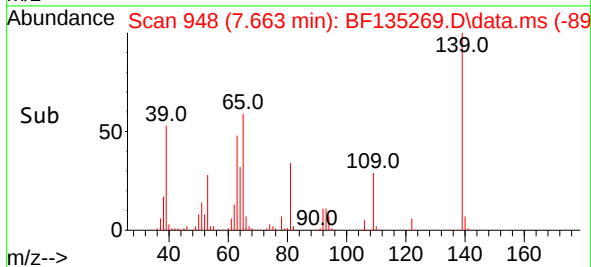
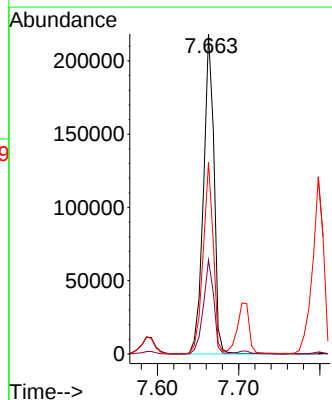
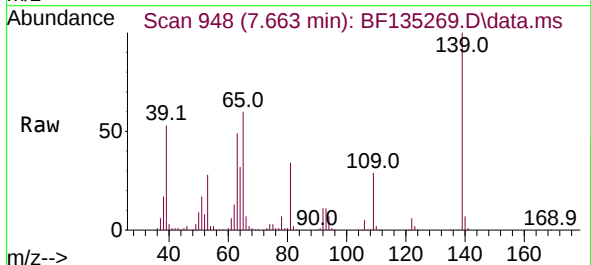
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

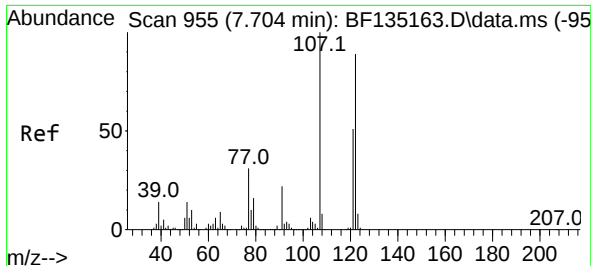
Tgt Ion: 82 Resp: 773776
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.3 14.5 21.7



#26
2-Nitrophenol
Concen: 47.946 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion: 139 Resp: 197212
Ion Ratio Lower Upper
139 100
109 29.4 22.6 33.8
65 59.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 46.426 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

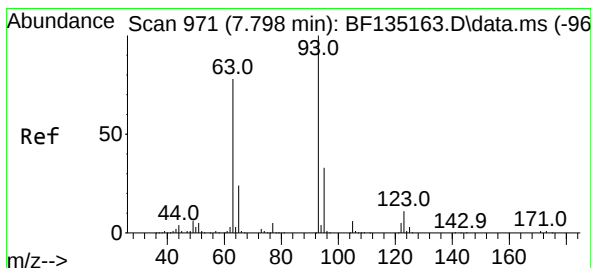
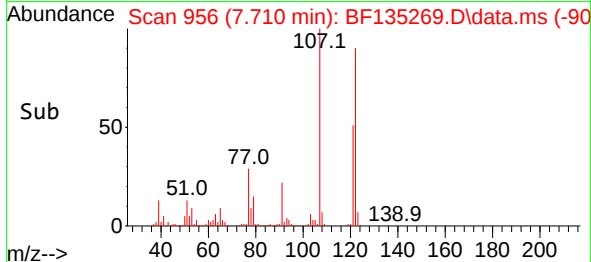
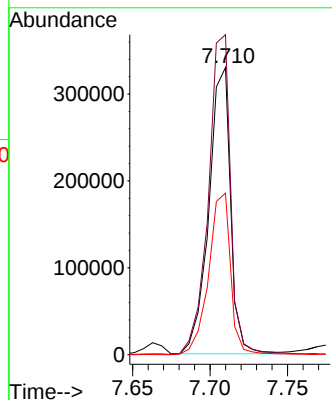
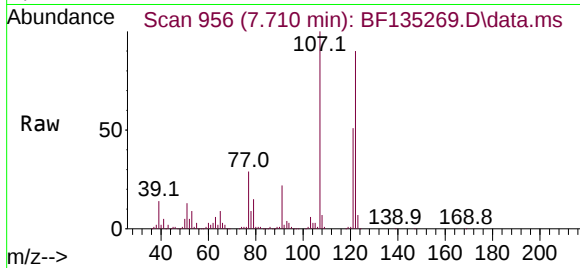
Tgt Ion:122 Resp: 320980

Ion Ratio Lower Upper

122 100

107 111.4 90.2 135.4

121 56.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.404 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

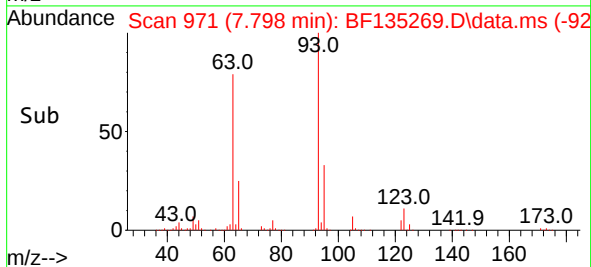
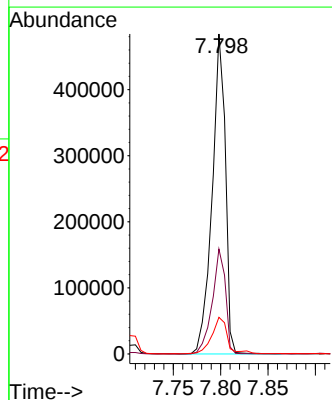
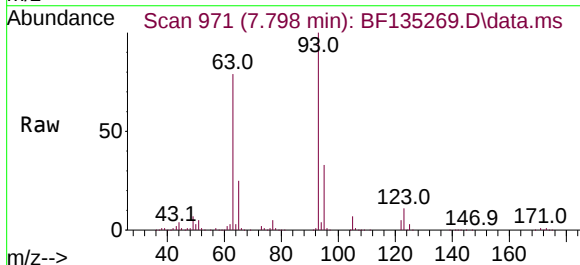
Tgt Ion: 93 Resp: 470803

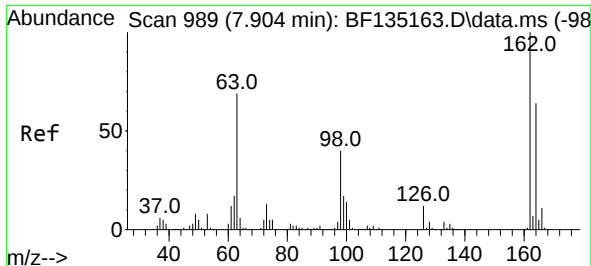
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.4 8.8 13.2

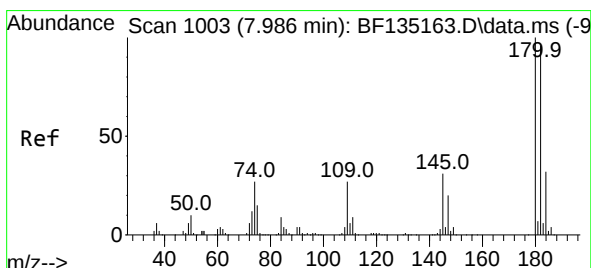
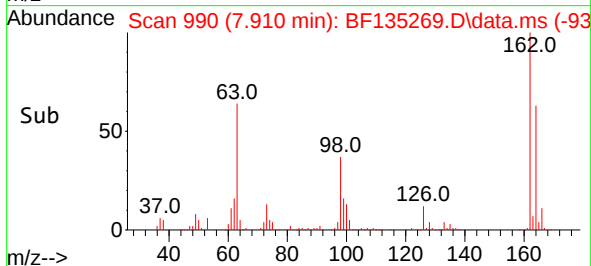
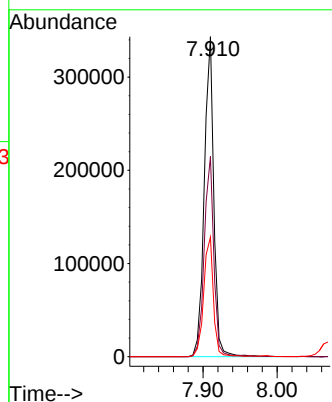
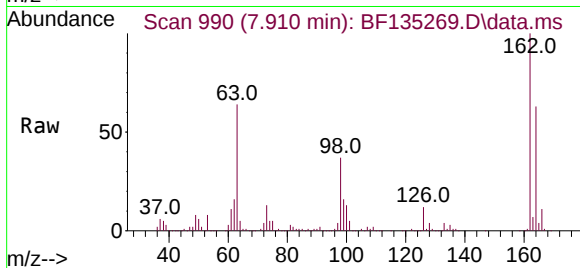




#29
2,4-Dichlorophenol
Concen: 47.934 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

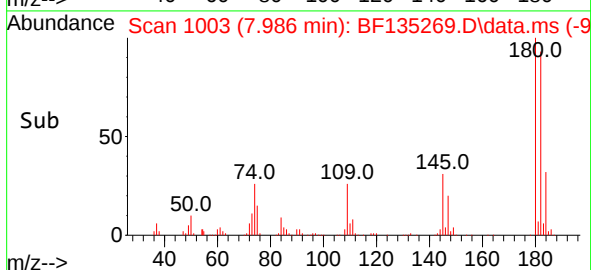
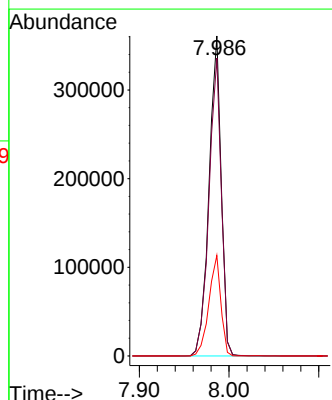
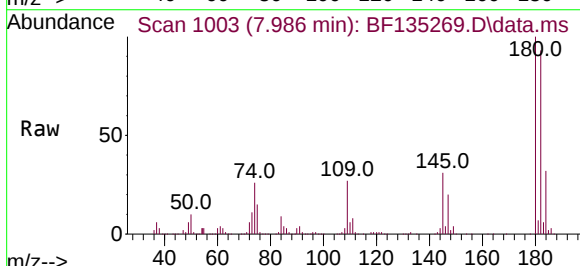
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

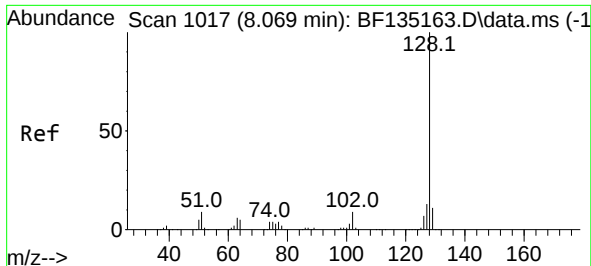
Tgt Ion:162 Resp: 307091
Ion Ratio Lower Upper
162 100
164 62.6 44.1 84.1
98 37.4 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 50.856 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:180 Resp: 340541
Ion Ratio Lower Upper
180 100
182 93.1 76.9 115.3
145 31.4 24.5 36.7

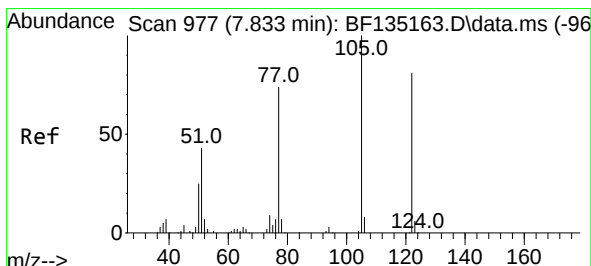
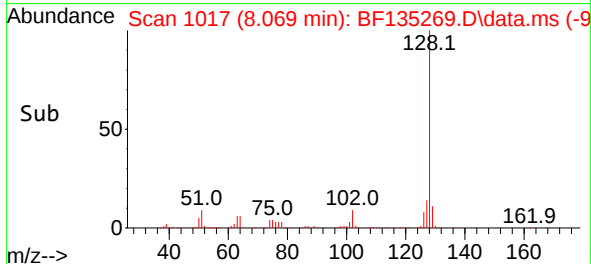
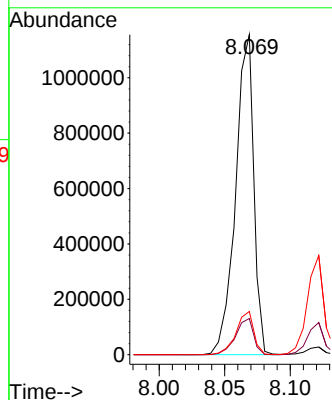
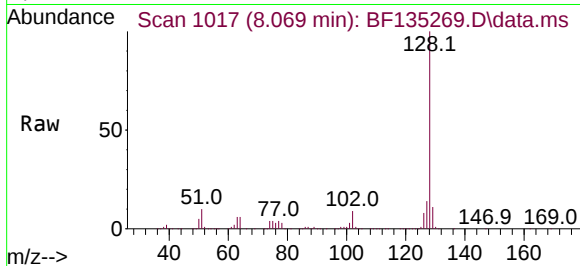




#31
Naphthalene
Concen: 48.838 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

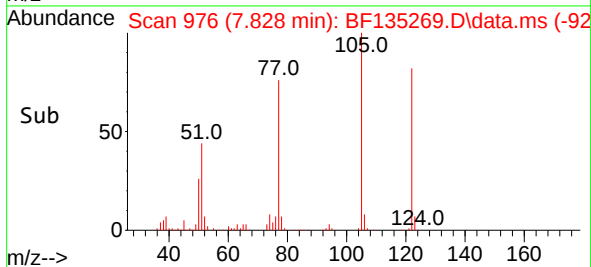
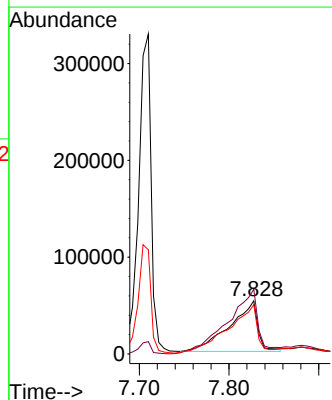
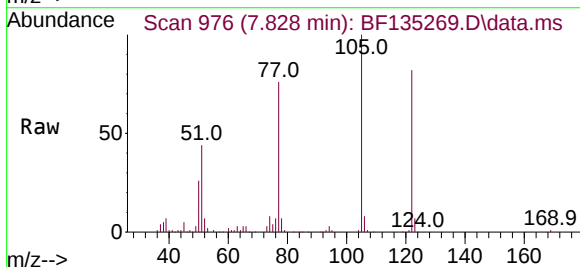
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

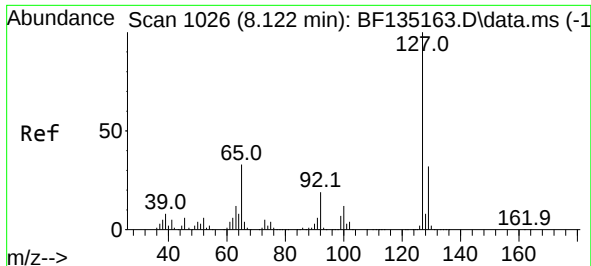
Tgt Ion:128 Resp: 1117809
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 21.919 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:122 Resp: 114112
Ion Ratio Lower Upper
122 100
105 121.6 99.9 139.9
77 92.6 70.0 110.0

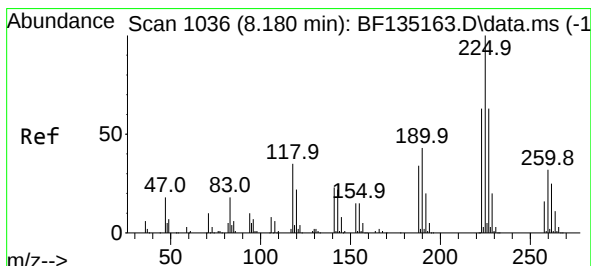
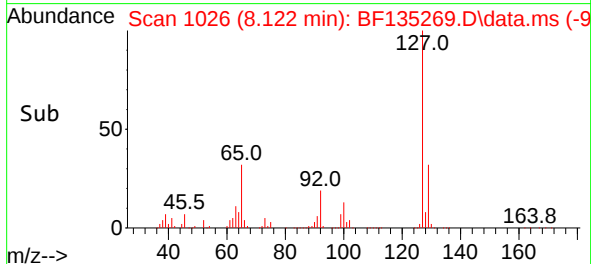
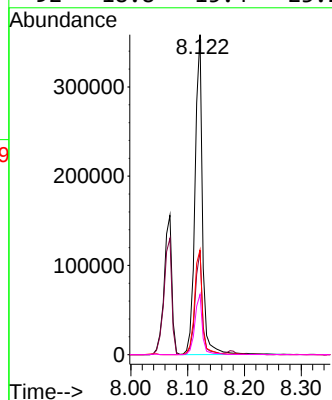
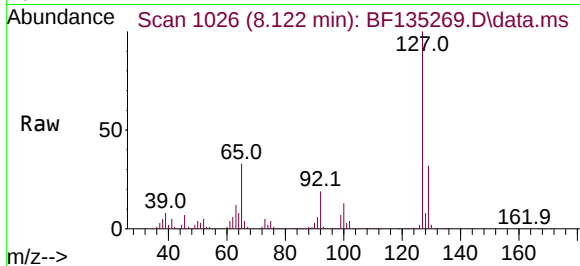




#33
4-Chloroaniline
Concen: 32.765 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

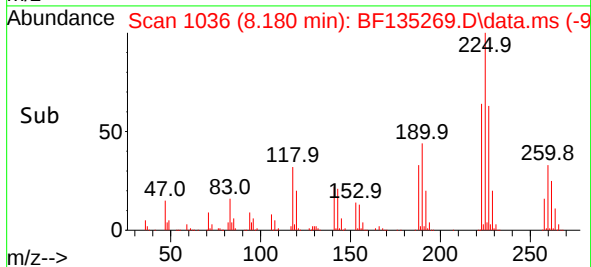
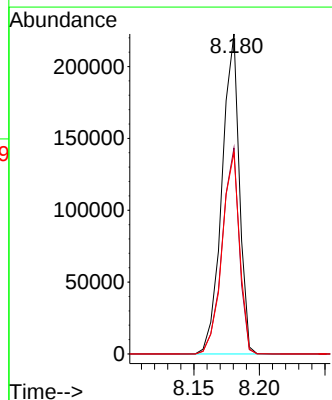
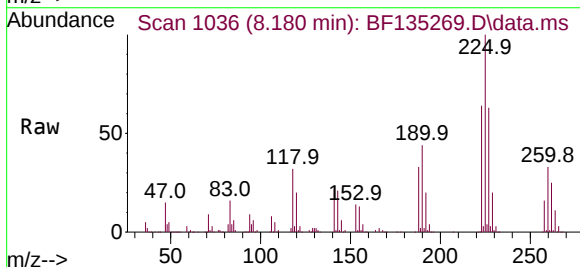
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

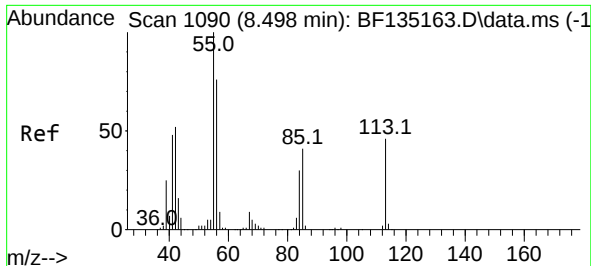
Tgt Ion:	127	Resp:	329028
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	32.7	26.6	39.8
92	18.8	15.4	23.2



#34
Hexachlorobutadiene
Concen: 50.678 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:	225	Resp:	204622
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	75.8
227	62.9	50.8	76.2

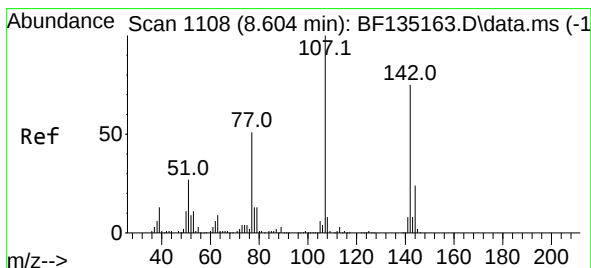
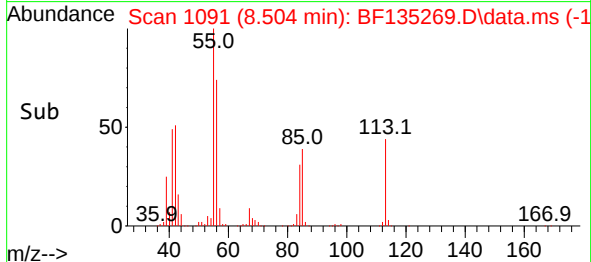
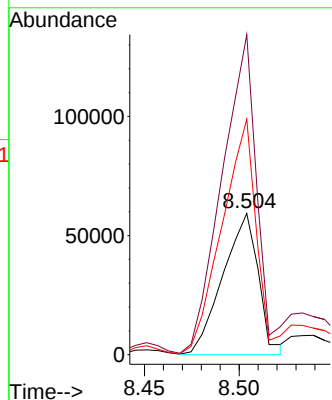
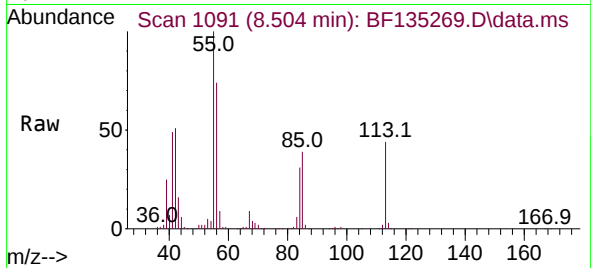




#35
Caprolactam
Concen: 35.941 ng
RT: 8.504 min Scan# 1091
Delta R.T. 0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

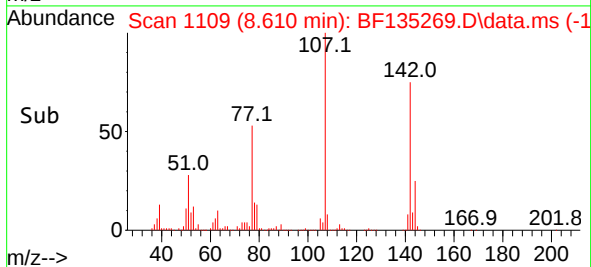
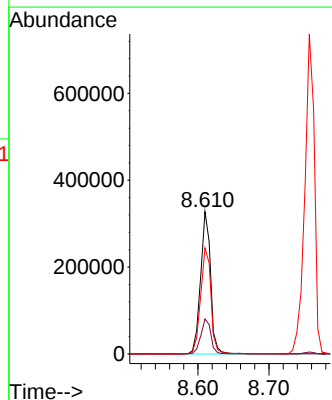
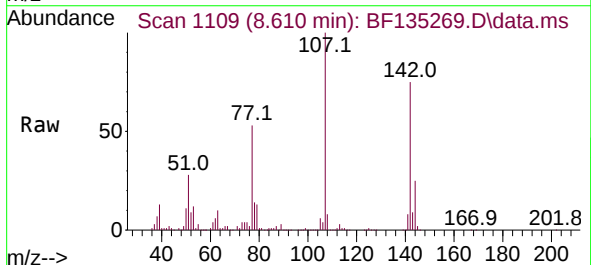
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

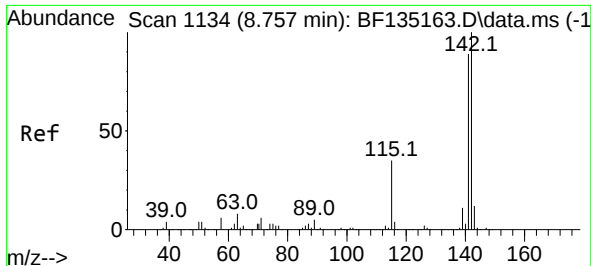
Tgt Ion:113 Resp: 77277
Ion Ratio Lower Upper
113 100
55 226.5 199.3 239.3
56 166.7 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 45.354 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:107 Resp: 322934
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.4
142 74.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.838 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

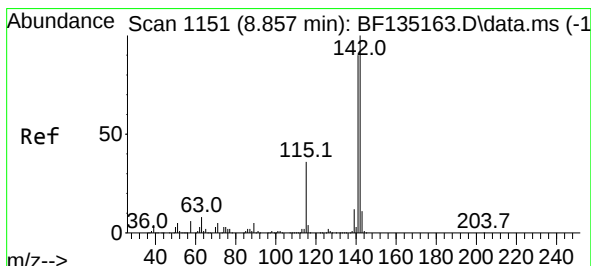
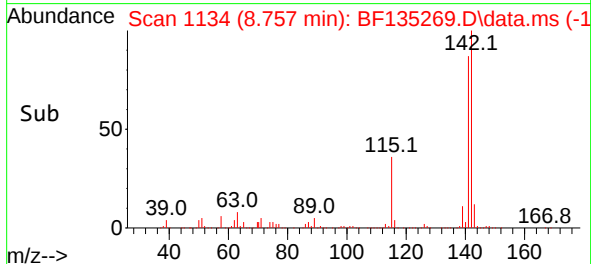
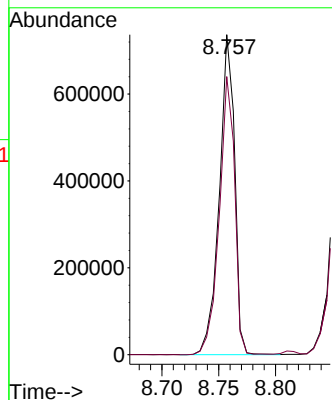
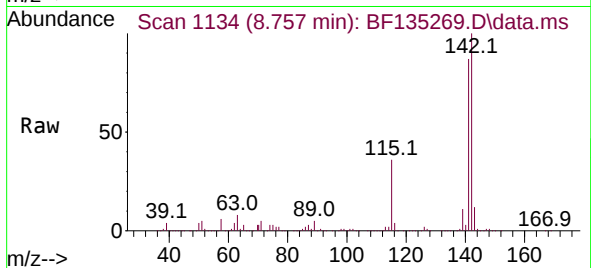
SB-2MSD

Tgt Ion:142 Resp: 689852

Ion Ratio Lower Upper

142 100

141 86.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.795 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135269.D

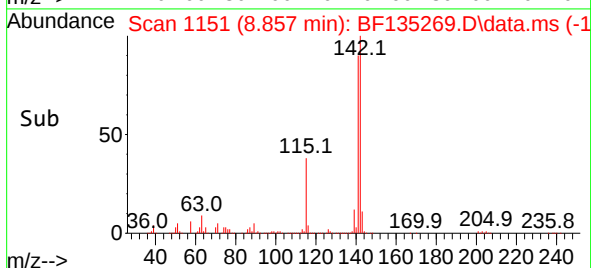
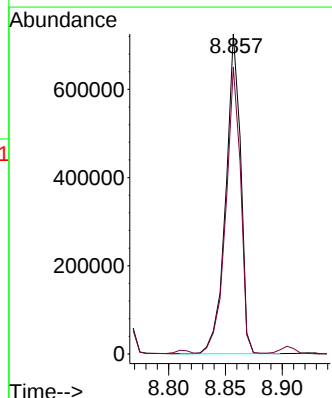
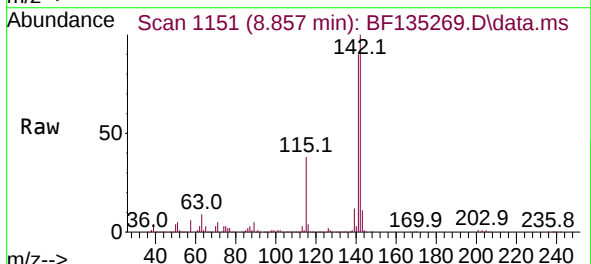
Acq: 14 Sep 2023 23:18

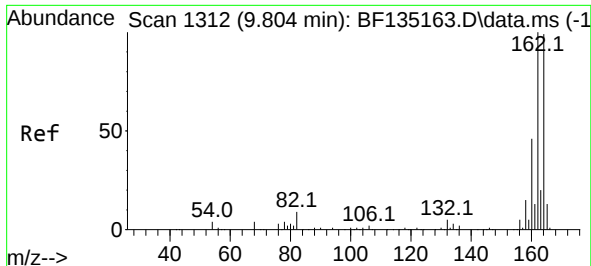
Tgt Ion:142 Resp: 659654

Ion Ratio Lower Upper

142 100

141 89.7 72.4 108.6

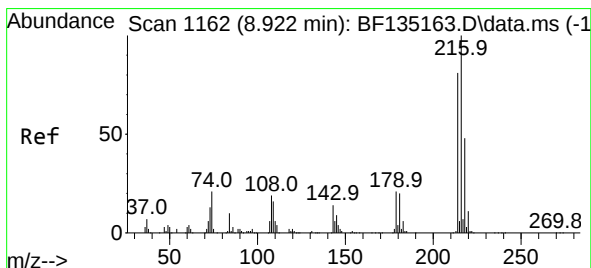
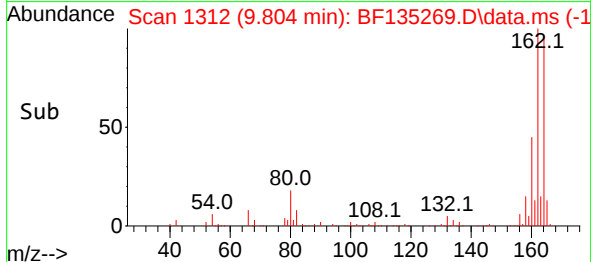
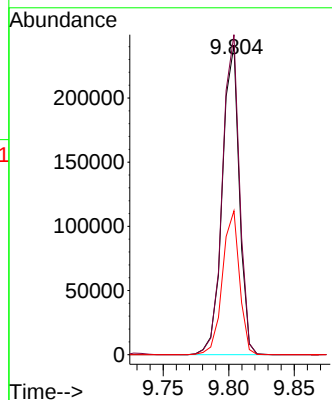
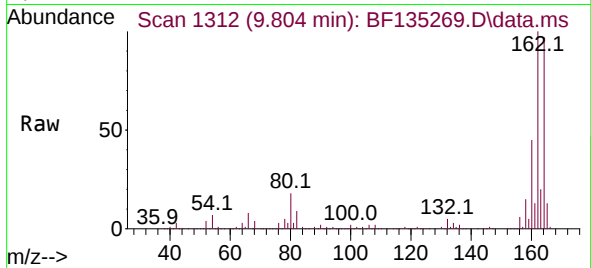




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

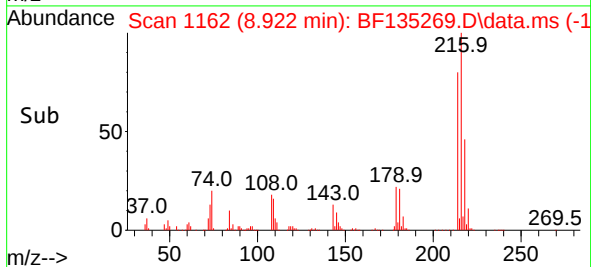
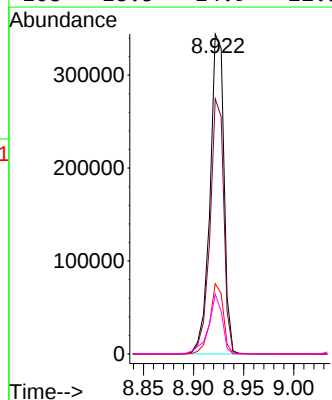
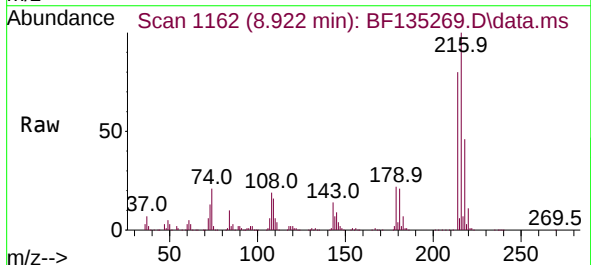
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

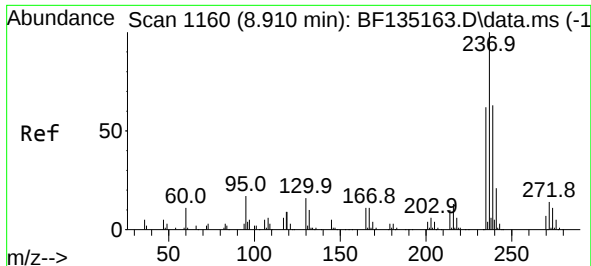
Tgt Ion:164 Resp: 216845
Ion Ratio Lower Upper
164 100
162 103.3 81.0 121.4
160 46.5 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.076 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:216 Resp: 333433
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.9 16.7 25.1
108 18.5 14.9 22.3

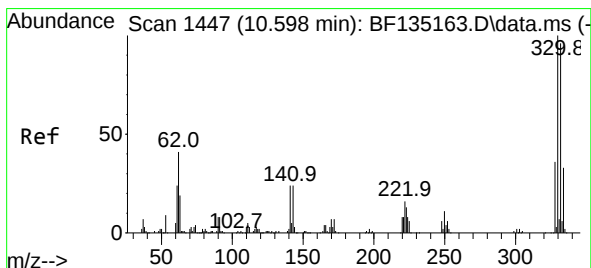
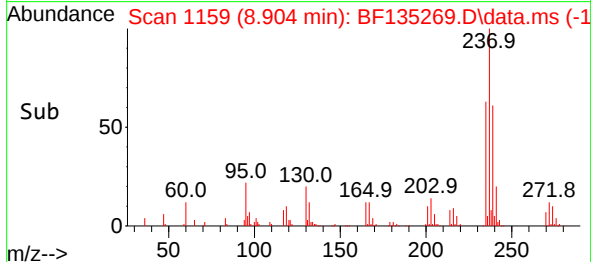
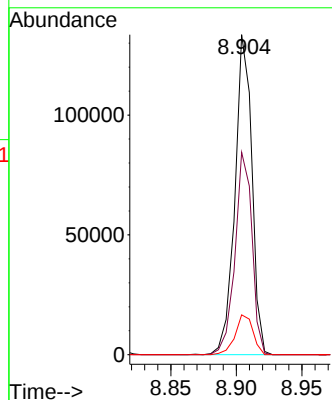
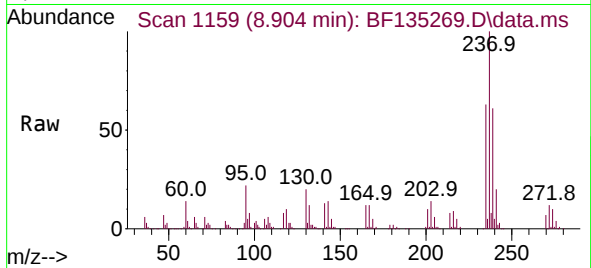




#41
Hexachlorocyclopentadiene
Concen: 46.855 ng
RT: 8.904 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

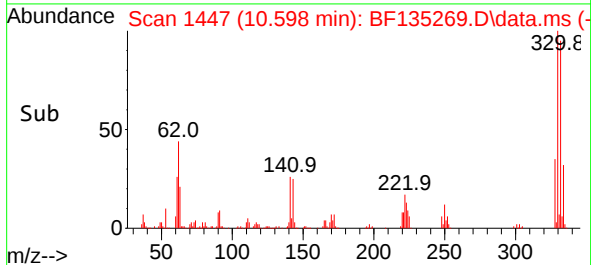
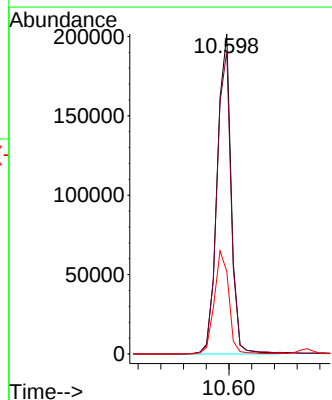
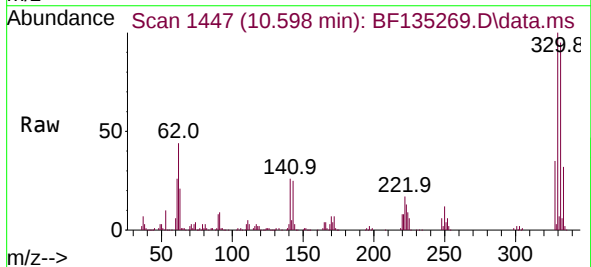
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

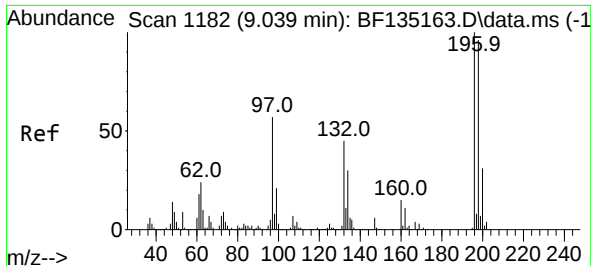
Tgt Ion:237 Resp: 120369
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 12.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 79.833 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:330 Resp: 172033
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 48.188 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

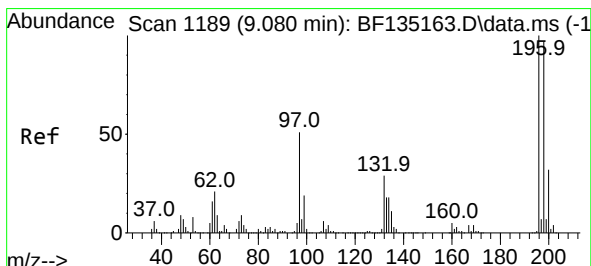
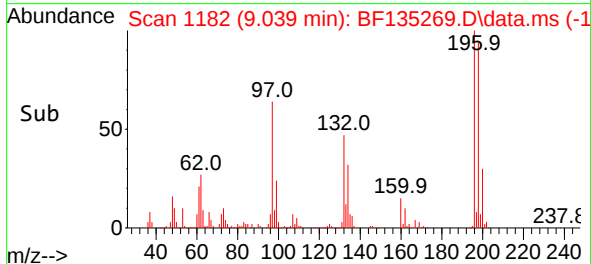
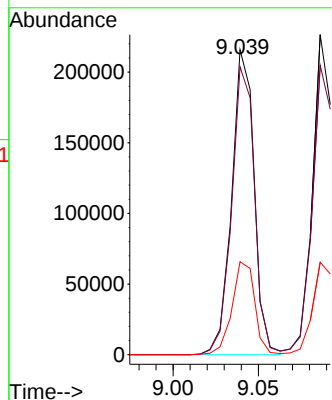
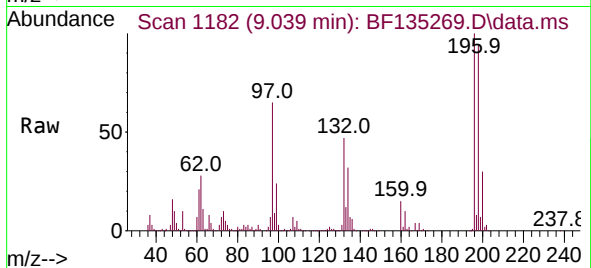
Tgt Ion:196 Resp: 198206

Ion Ratio Lower Upper

196 100

198 94.4 77.0 115.6

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 42.491 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Tgt Ion:196 Resp: 201271

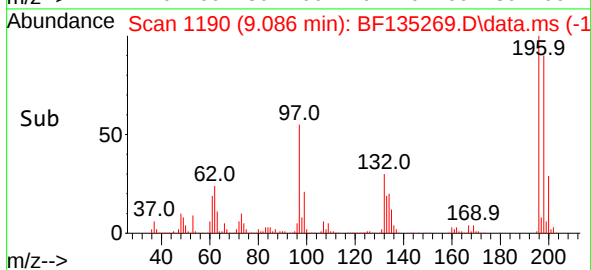
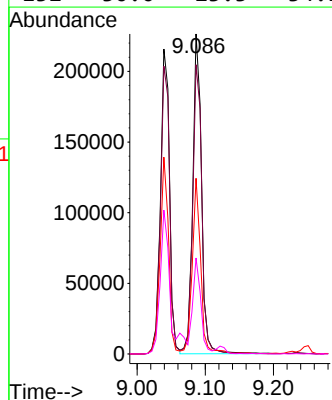
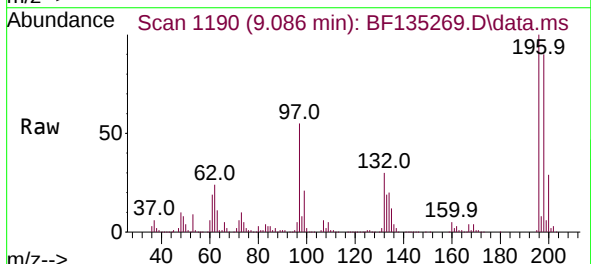
Ion Ratio Lower Upper

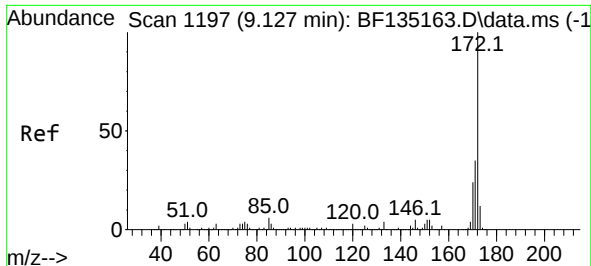
196 100

198 90.4 77.5 116.3

97 54.9 40.5 60.7

132 30.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 70.124 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

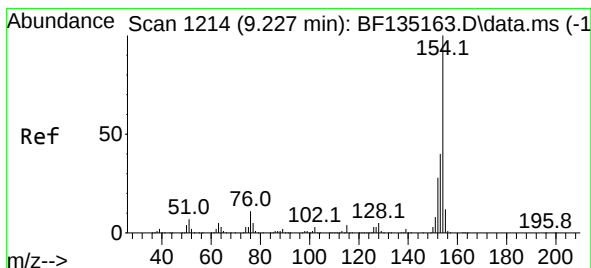
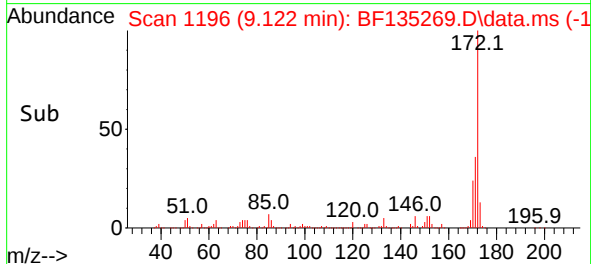
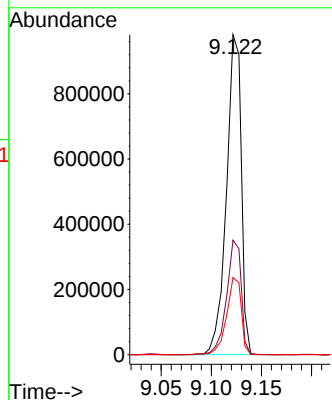
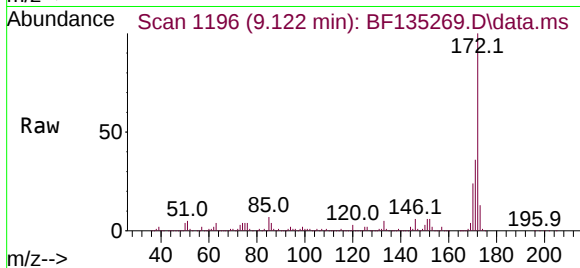
Tgt Ion:172 Resp: 1007880

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.094 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

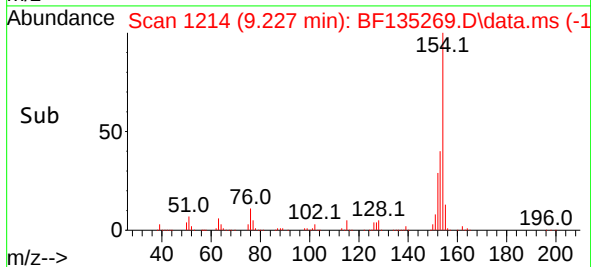
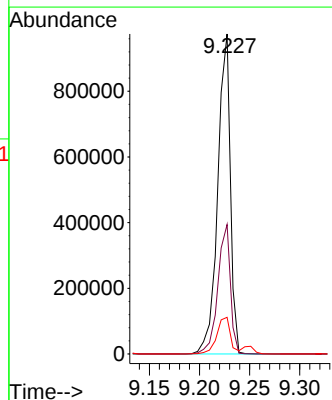
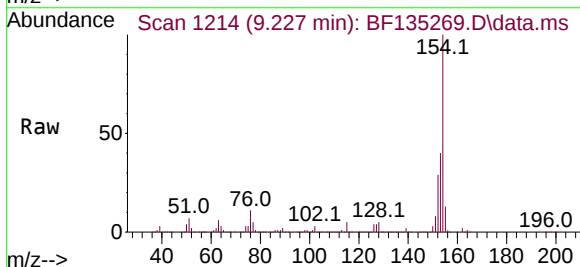
Tgt Ion:154 Resp: 851445

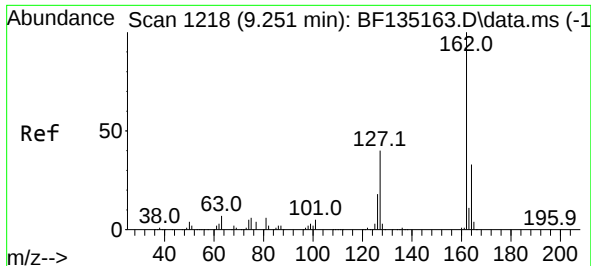
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 11.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 52.588 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

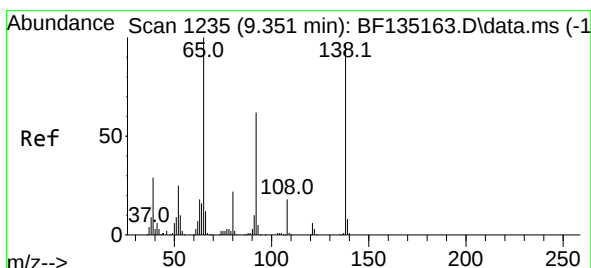
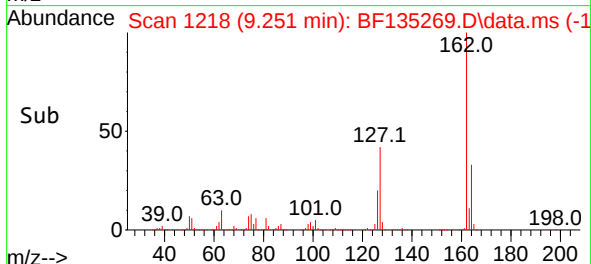
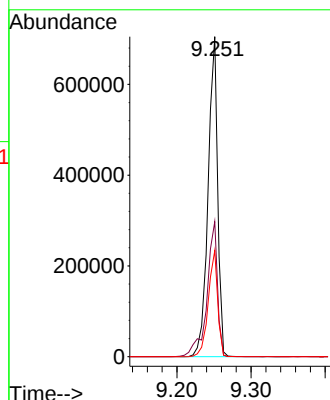
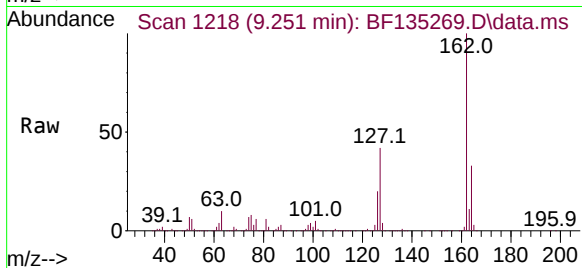
Tgt Ion:162 Resp: 635835

Ion Ratio Lower Upper

162 100

127 42.2 32.6 48.8

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 51.374 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

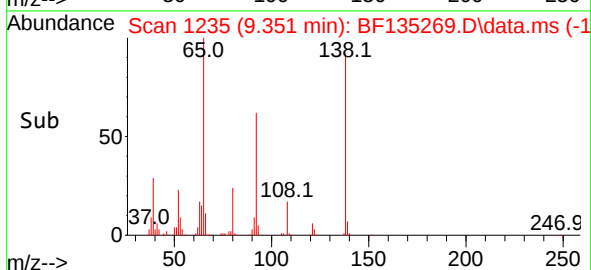
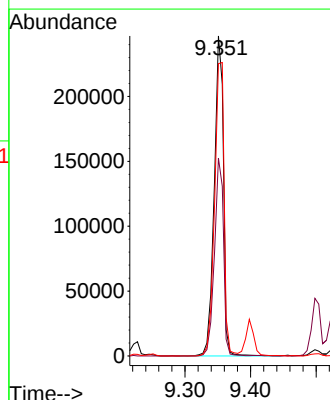
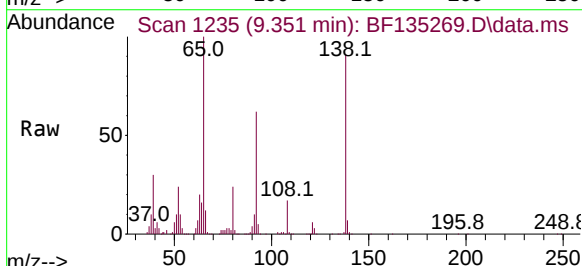
Tgt Ion: 65 Resp: 241315

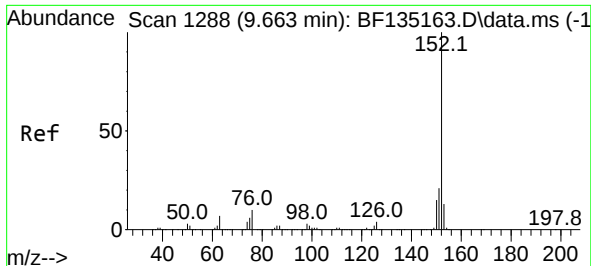
Ion Ratio Lower Upper

65 100

92 61.8 49.4 74.0

138 91.3 77.4 116.0





#49

Acenaphthylene

Concen: 50.096 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

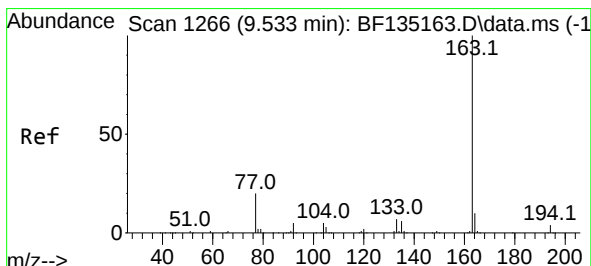
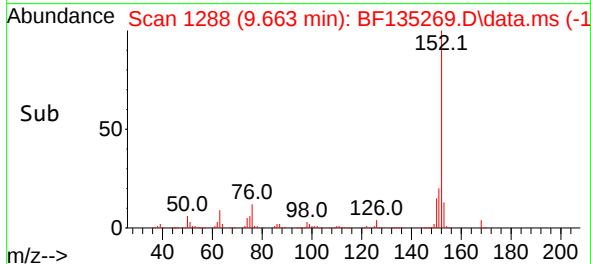
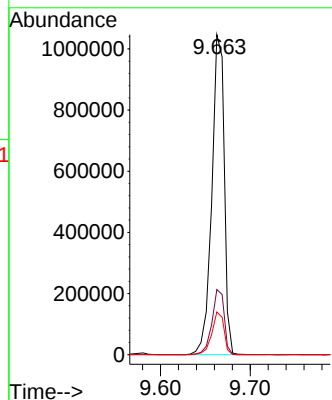
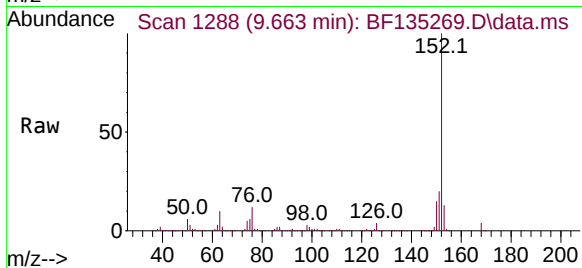
Tgt Ion:152 Resp: 1006627

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 51.673 ng

RT: 9.533 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

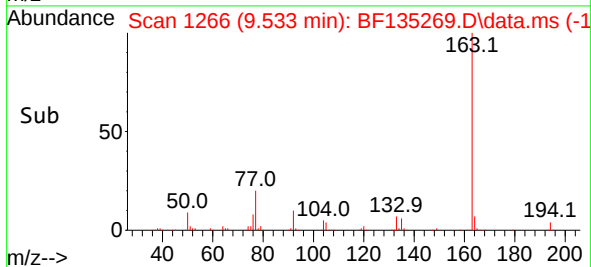
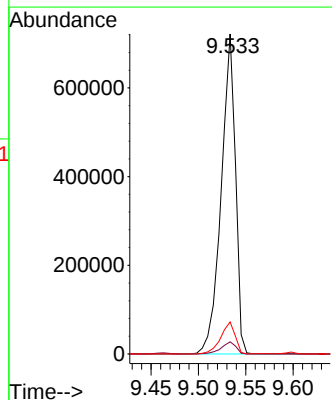
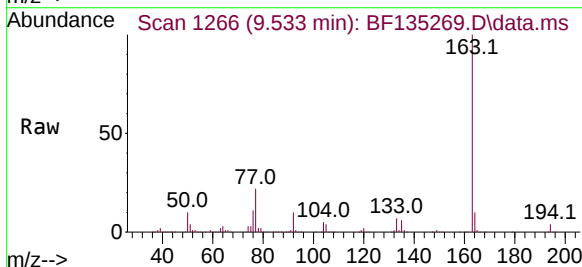
Tgt Ion:163 Resp: 757570

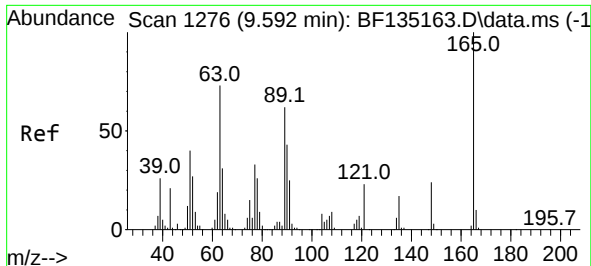
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.821 ng

RT: 9.598 min Scan# 1276

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

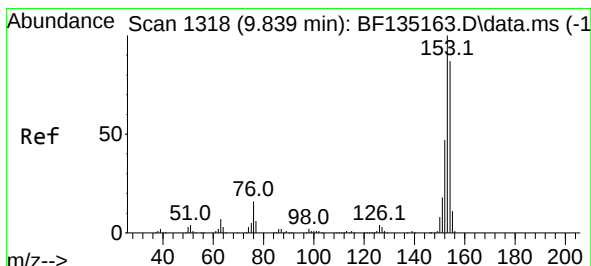
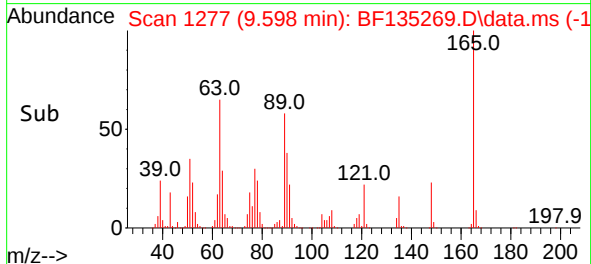
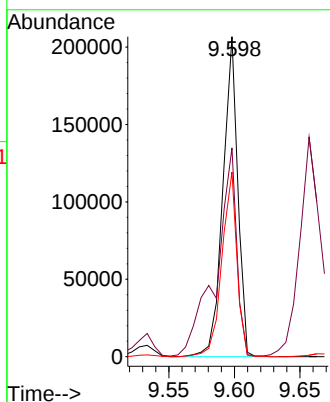
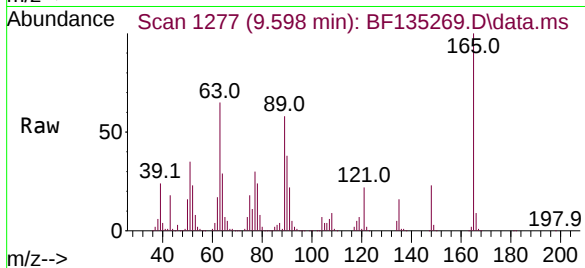
Tgt Ion:165 Resp: 163222

Ion Ratio Lower Upper

165 100

63 65.3 59.4 89.2

89 57.7 49.8 74.8



#52

Acenaphthene

Concen: 49.331 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

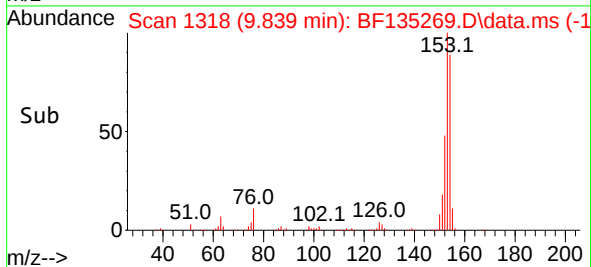
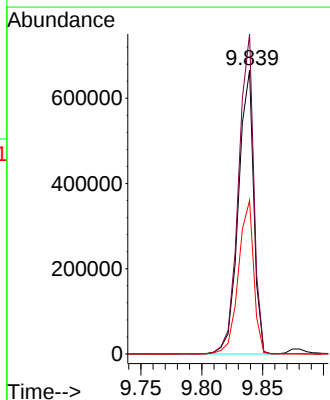
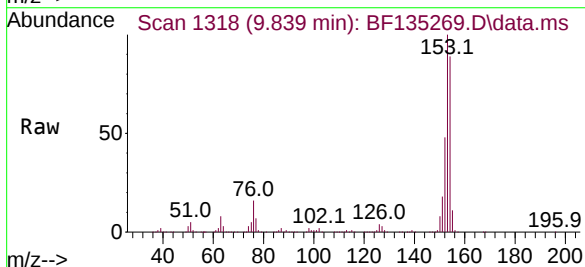
Tgt Ion:154 Resp: 585582

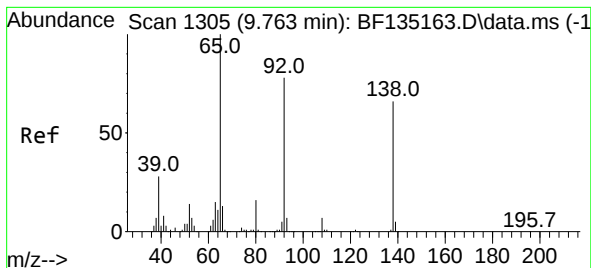
Ion Ratio Lower Upper

154 100

153 112.8 92.1 138.1

152 54.1 43.1 64.7





#53

3-Nitroaniline

Concen: 42.726 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

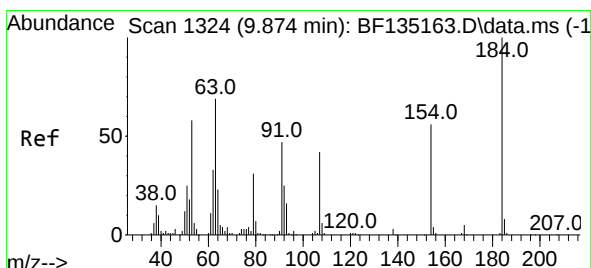
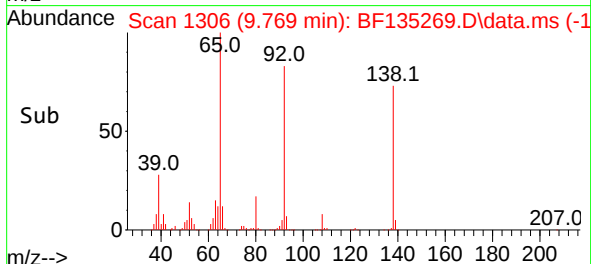
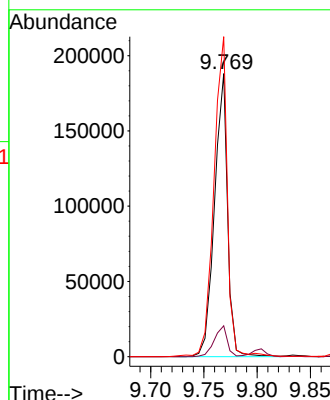
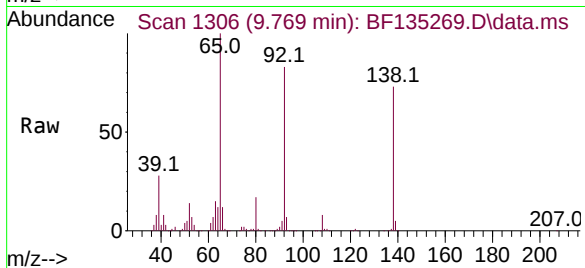
Tgt Ion:138 Resp: 161078

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

92 113.0 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 16.740 ng

RT: 9.874 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

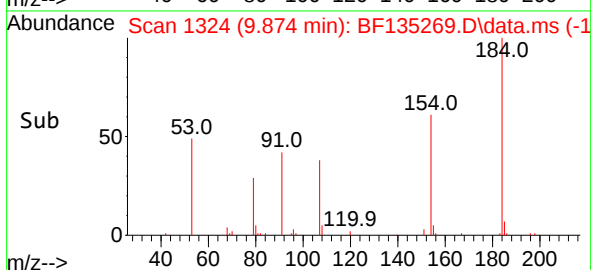
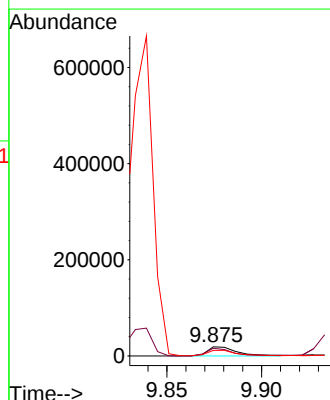
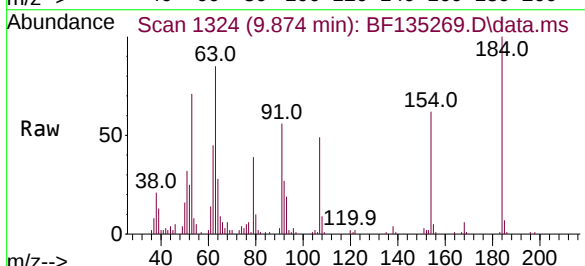
Tgt Ion:184 Resp: 20752

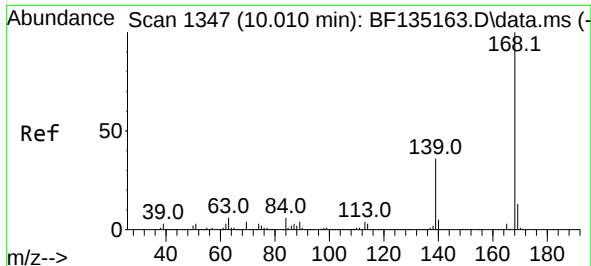
Ion Ratio Lower Upper

184 100

63 85.1 55.1 82.7#

154 62.2 48.4 72.6

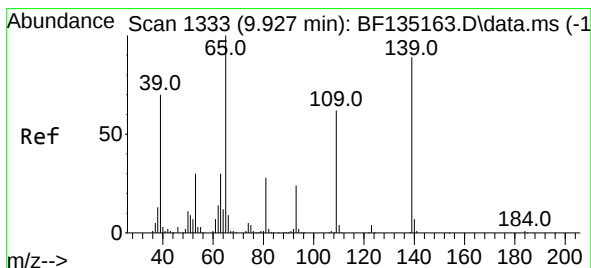
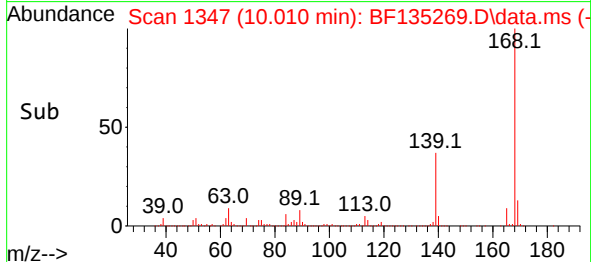
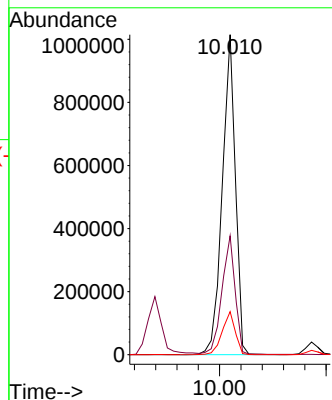
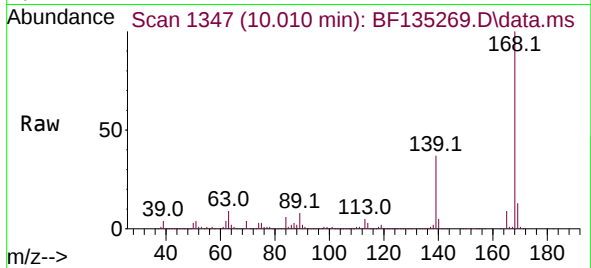




#55
Dibenzenofuran
Concen: 47.617 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

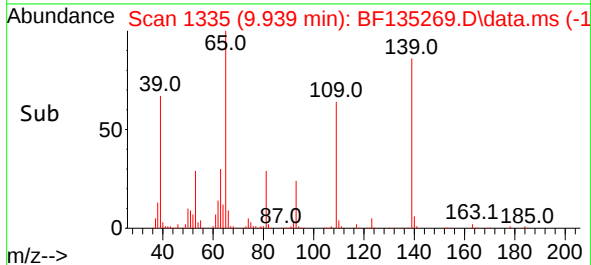
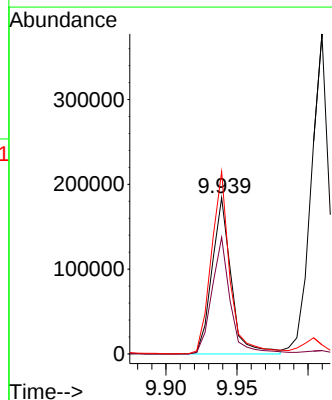
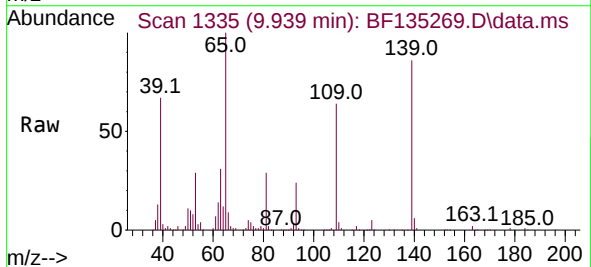
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

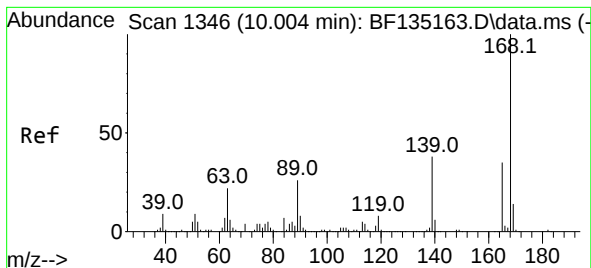
Tgt Ion:168 Resp: 862539
Ion Ratio Lower Upper
168 100
139 37.2 29.0 43.6
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 72.128 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:139 Resp: 172823
Ion Ratio Lower Upper
139 100
109 74.7 49.8 89.8
65 116.9 92.7 132.7

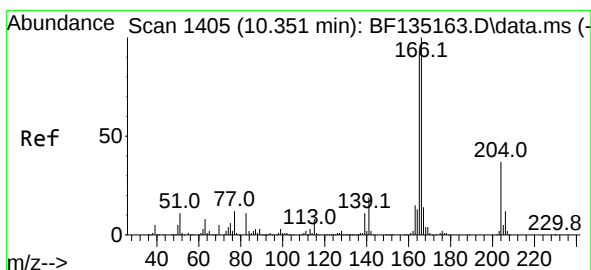
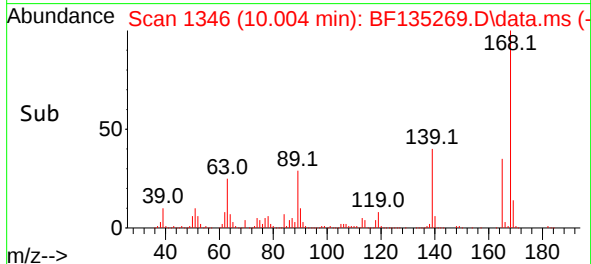
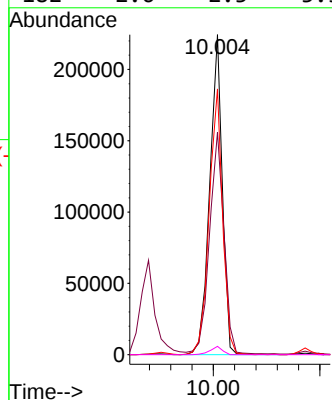
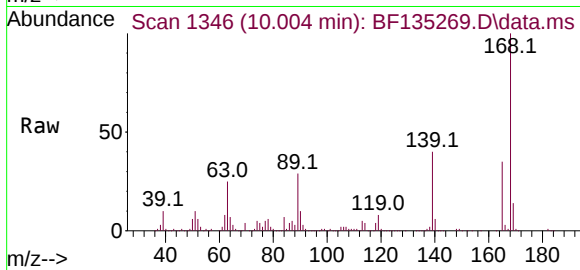




#57
2,4-Dinitrotoluene
Concen: 45.896 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

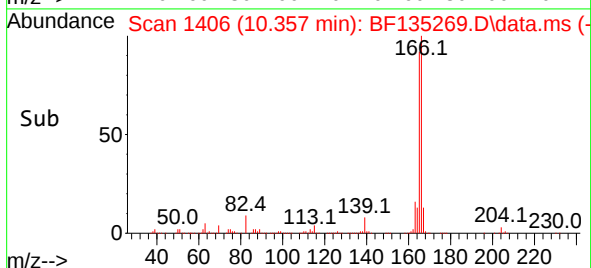
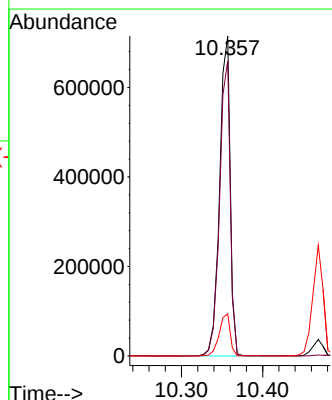
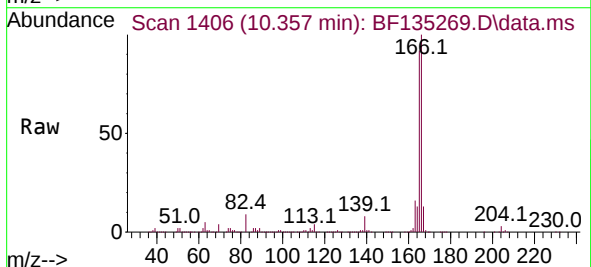
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

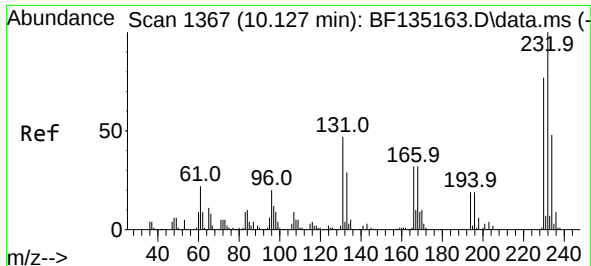
Tgt Ion:165 Resp: 184540
Ion Ratio Lower Upper
165 100
63 69.5 50.1 75.1
89 83.0 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 46.711 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:166 Resp: 650477
Ion Ratio Lower Upper
166 100
165 92.2 74.3 111.5
167 13.1 10.9 16.3

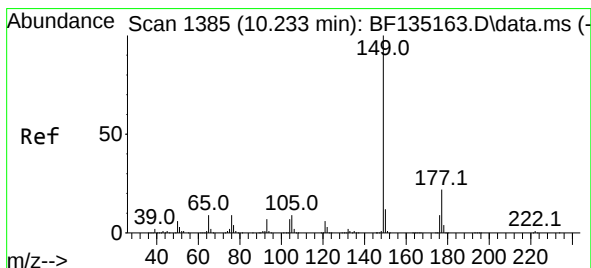
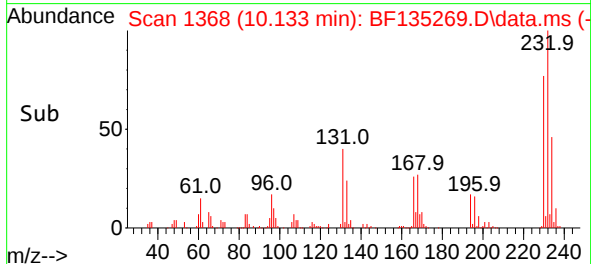
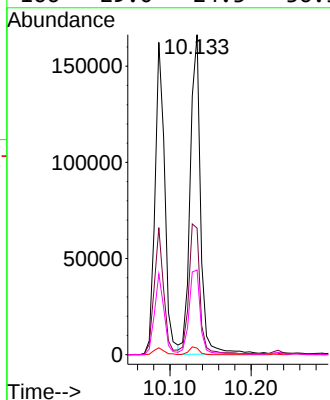
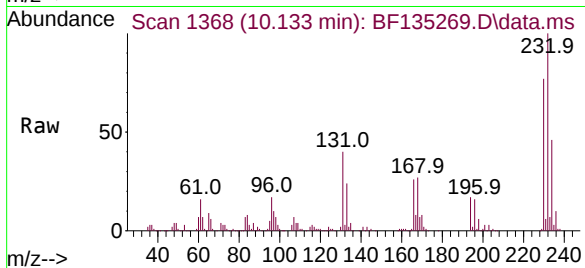




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.490 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

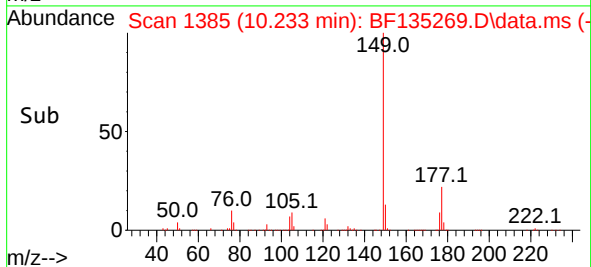
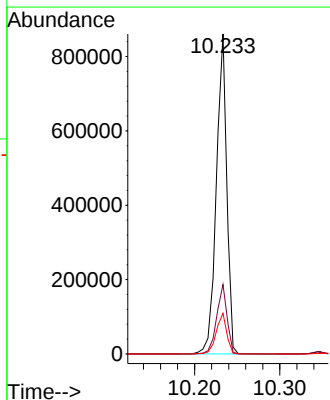
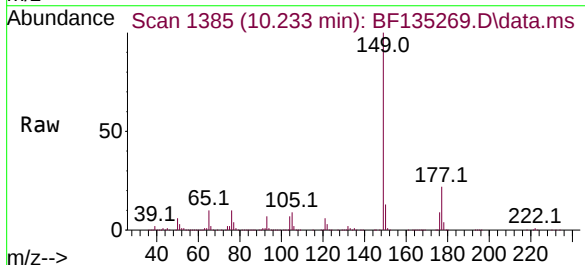
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

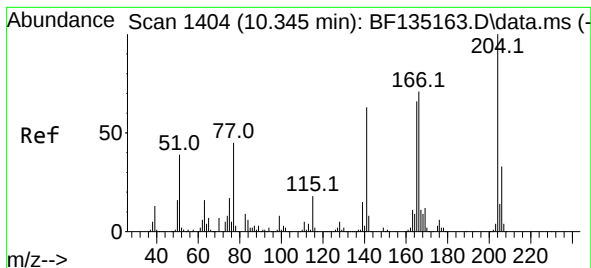
Tgt Ion:232 Resp: 147537
Ion Ratio Lower Upper
232 100
131 44.4 35.4 53.2
130 2.4 1.8 2.8
166 29.0 24.3 36.5



#60
Diethylphthalate
Concen: 49.694 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:149 Resp: 731171
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.7 10.0 15.0

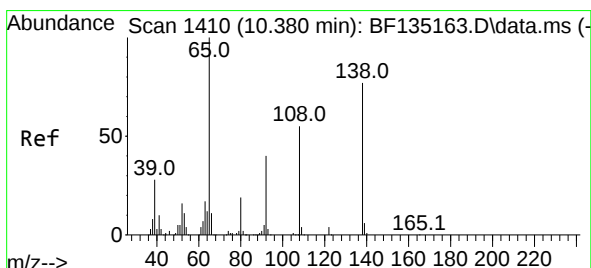
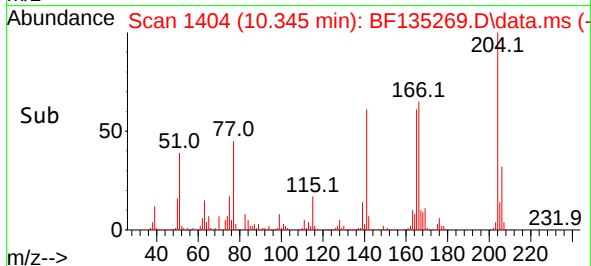
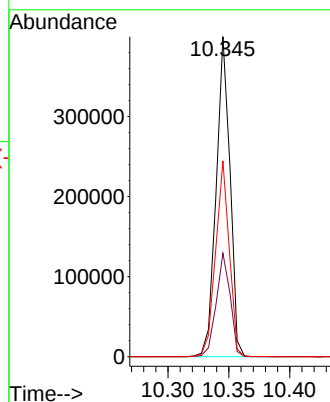
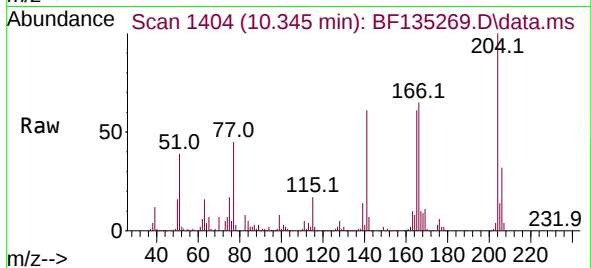




#61
4-Chlorophenyl-phenylether
Concen: 47.268 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

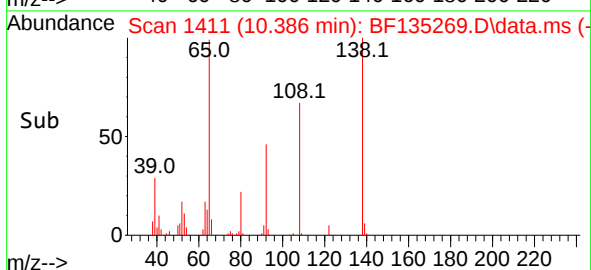
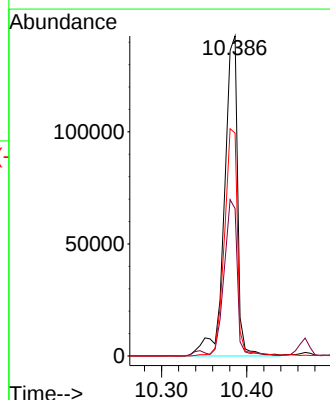
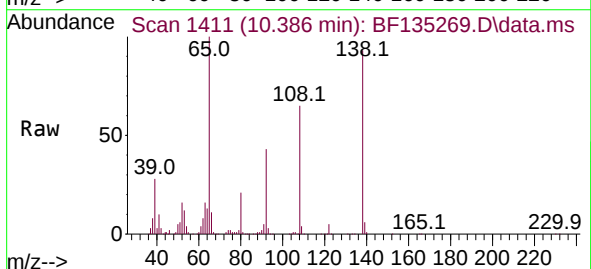
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

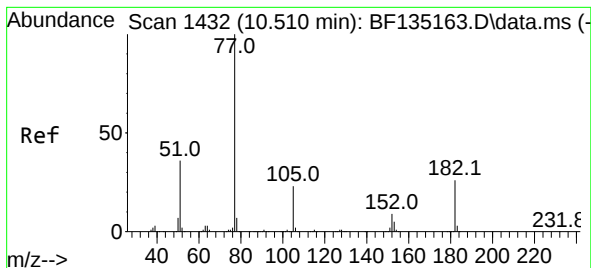
Tgt Ion:204 Resp: 316190
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 61.2 50.6 75.8



#62
4-Nitroaniline
Concen: 42.589 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:138 Resp: 154338
Ion Ratio Lower Upper
138 100
92 46.1 31.8 71.8
108 69.6 52.0 92.0

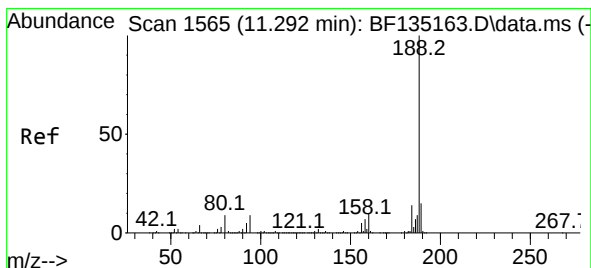
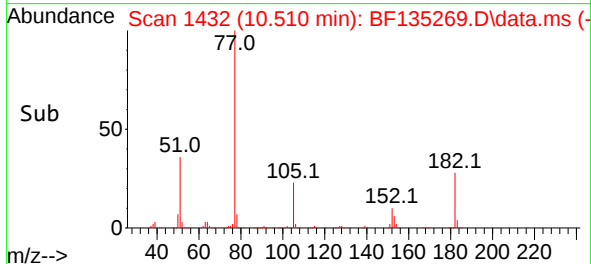
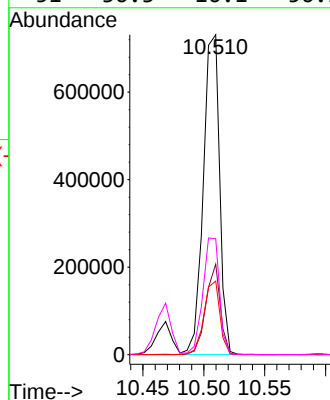
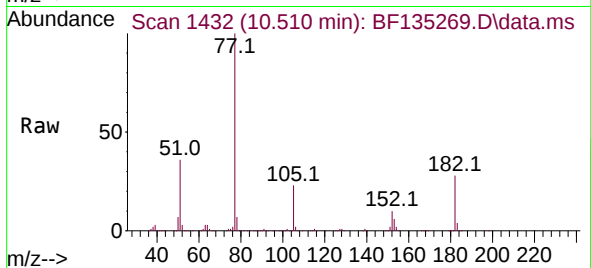




#63
Azobenzene
Concen: 47.245 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

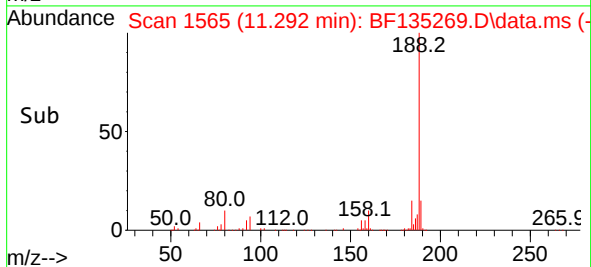
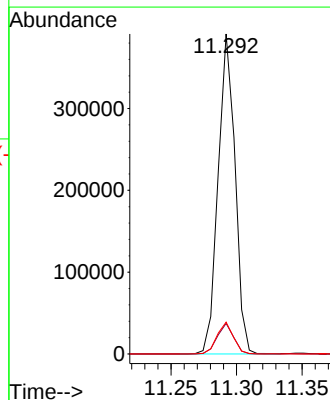
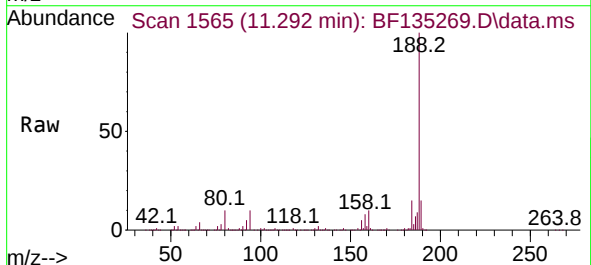
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

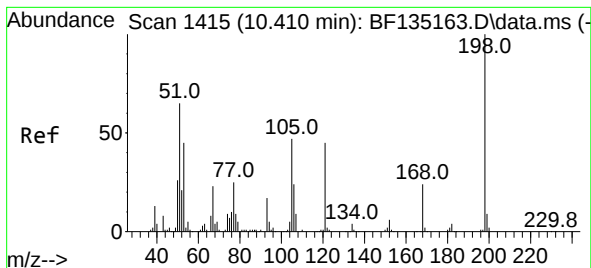
Tgt Ion: 77	Resp: 680329
Ion Ratio	Lower Upper
77 100	
182 28.3	6.4 46.4
105 23.0	3.1 43.1
51 36.3	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:188	Resp: 350700		
Ion Ratio	Lower	Upper	
188 100			
94 9.5	7.0	10.6	
80 10.0	7.5	11.3	

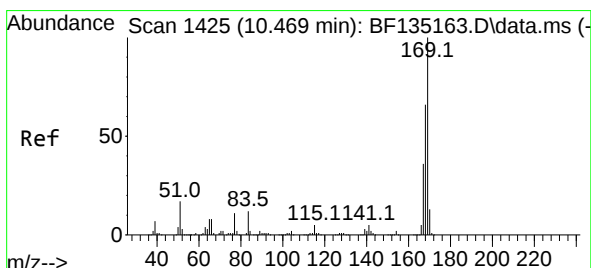
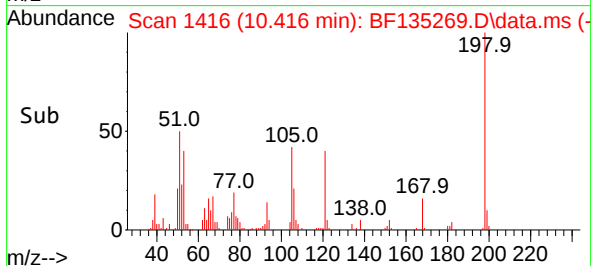
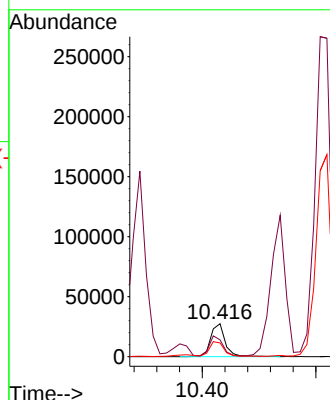
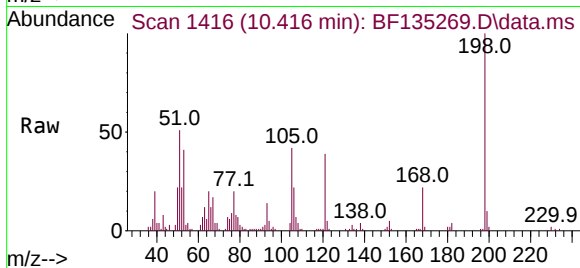




#65
4,6-Dinitro-2-methylphenol
Concen: 13.047 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

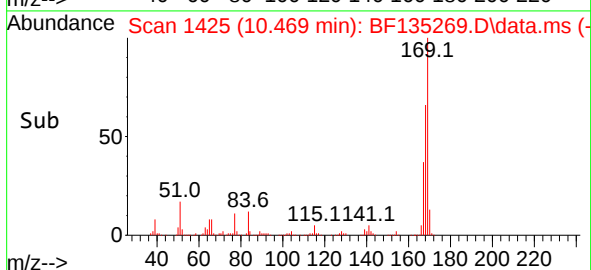
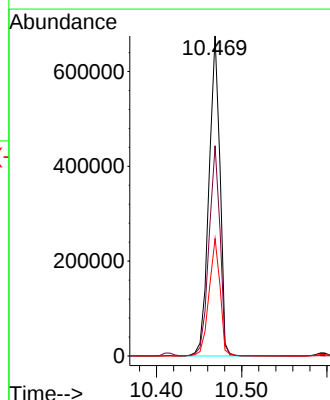
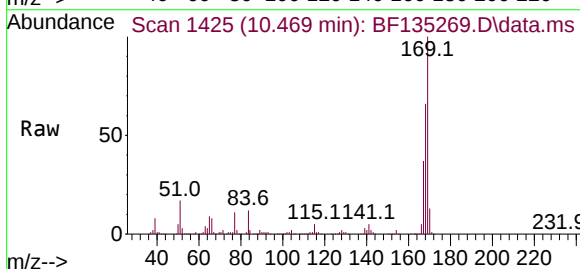
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

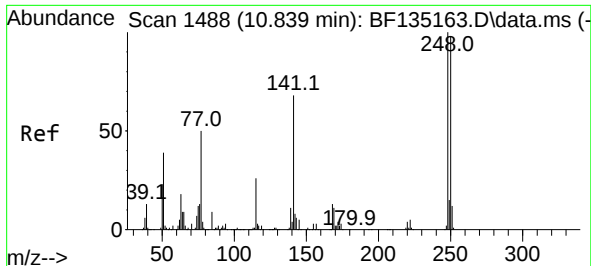
Tgt Ion:198 Resp: 24302
Ion Ratio Lower Upper
198 100
51 50.7 47.7 87.7
105 41.8 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 56.808 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:169 Resp: 603145
Ion Ratio Lower Upper
169 100
168 65.7 52.8 79.2
167 36.7 29.0 43.6

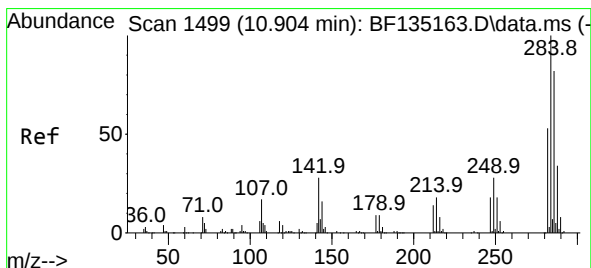
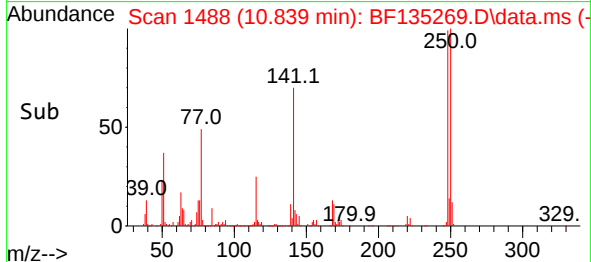
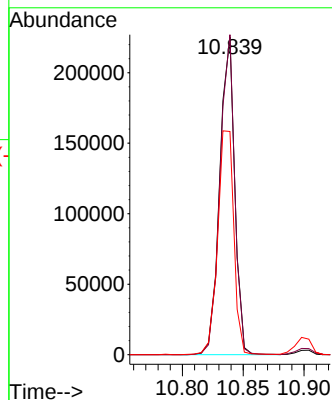
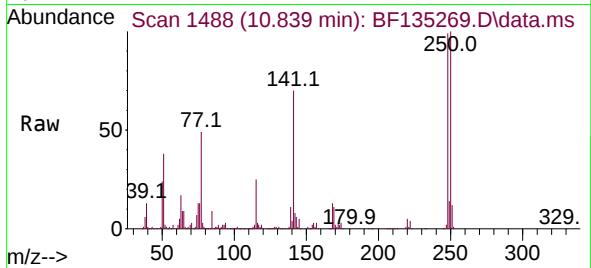




#67
4-Bromophenyl-phenylether
Concen: 55.450 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

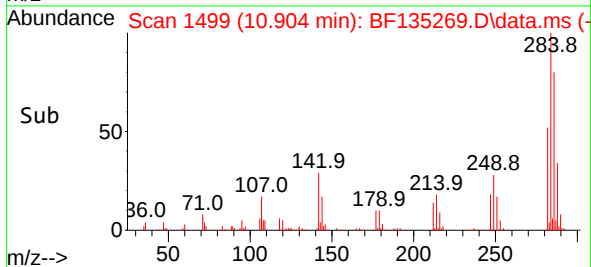
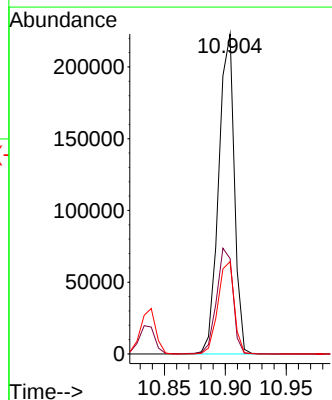
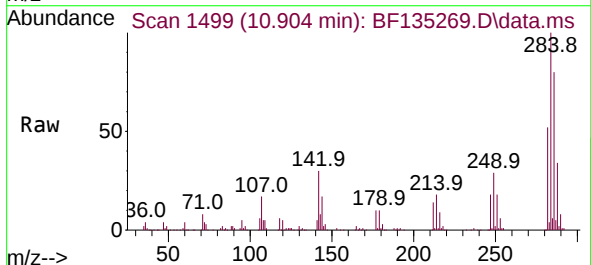
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

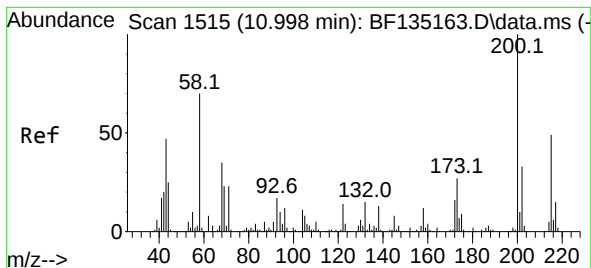
Tgt Ion:248 Resp: 193407
Ion Ratio Lower Upper
248 100
250 100.7 78.6 117.8
141 70.3 54.2 81.2



#68
Hexachlorobenzene
Concen: 56.344 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:284 Resp: 200214
Ion Ratio Lower Upper
284 100
142 29.8 22.2 33.4
249 28.8 22.5 33.7





#69

Atrazine

Concen: 60.438 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

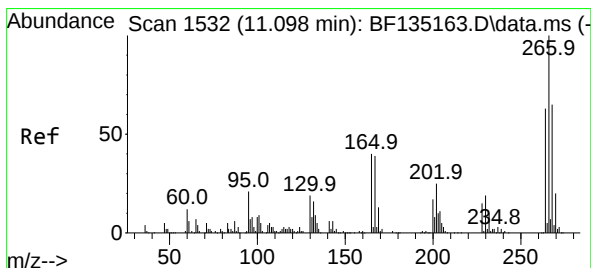
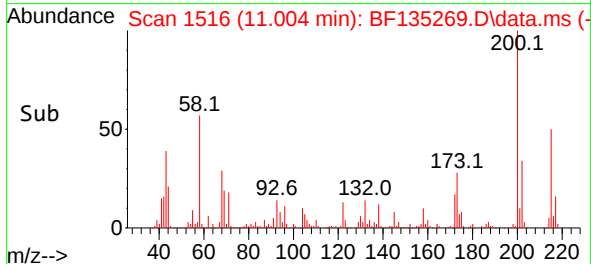
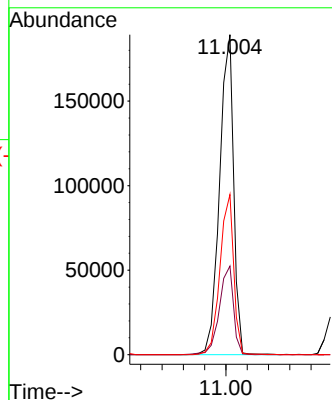
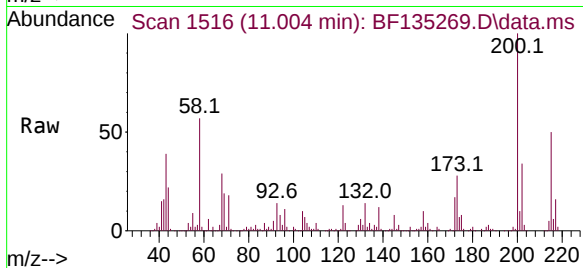
Tgt Ion:200 Resp: 172661

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 50.1 28.6 68.6



#70

Pentachlorophenol

Concen: 54.959 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

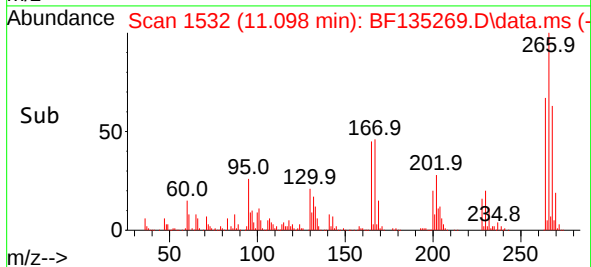
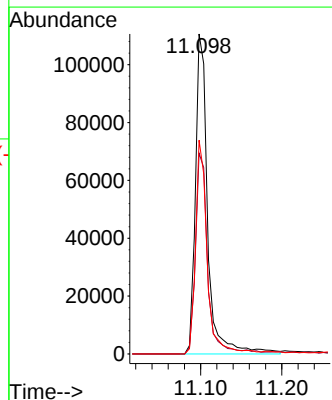
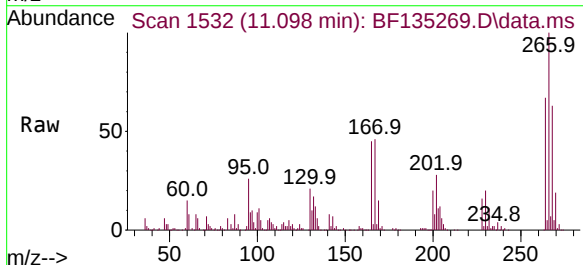
Tgt Ion:266 Resp: 116843

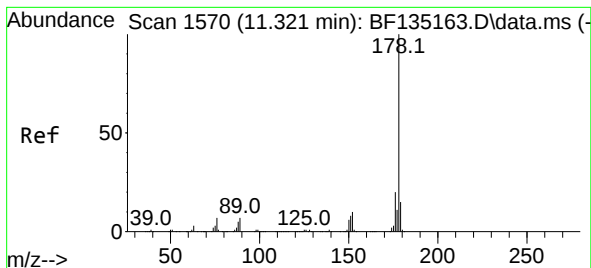
Ion Ratio Lower Upper

266 100

268 62.7 52.1 78.1

264 66.8 50.8 76.2





#71

Phenanthrene

Concen: 50.884 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

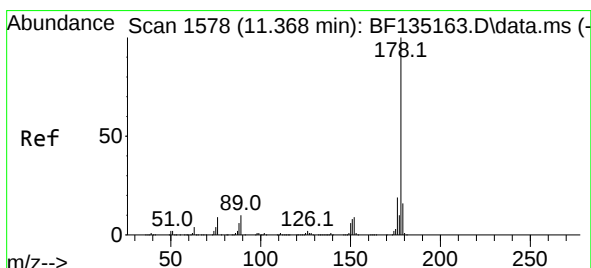
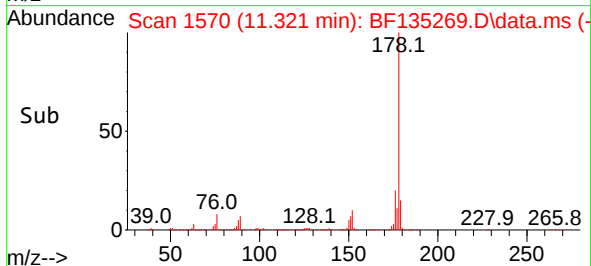
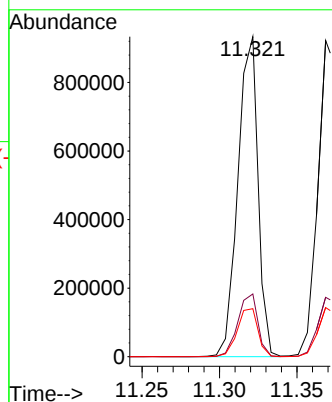
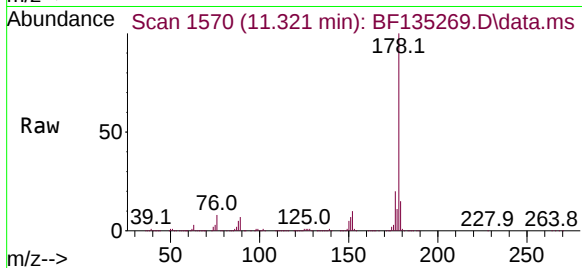
Tgt Ion:178 Resp: 843988

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.0 12.0 18.0



#72

Anthracene

Concen: 49.960 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

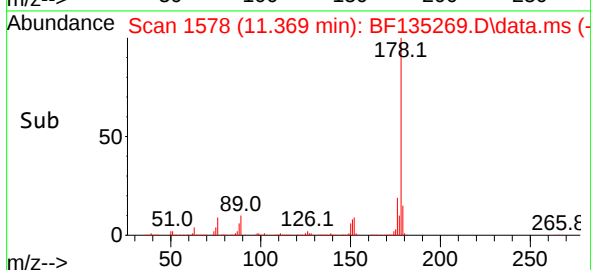
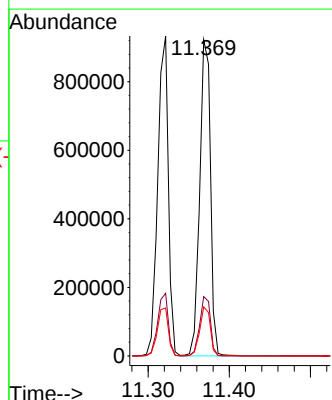
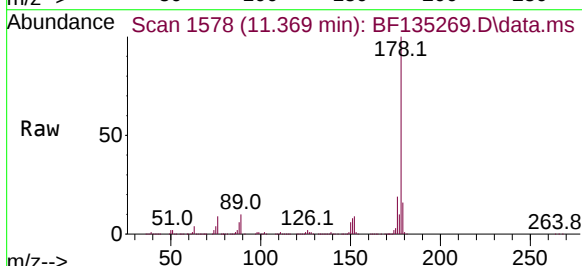
Tgt Ion:178 Resp: 851778

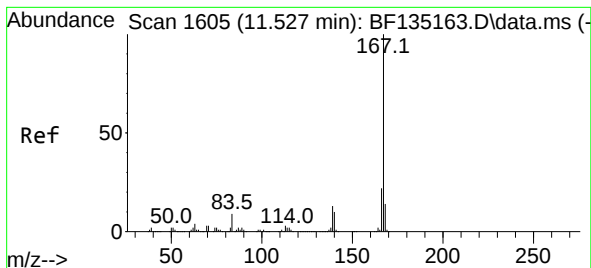
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.5 12.6 19.0





#73

Carbazole

Concen: 48.126 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

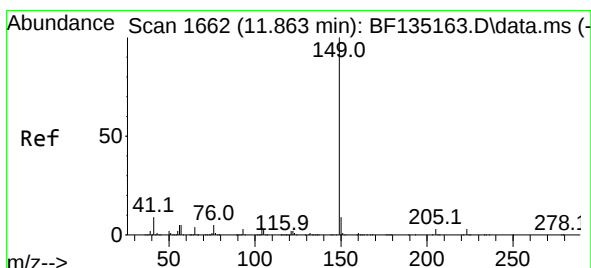
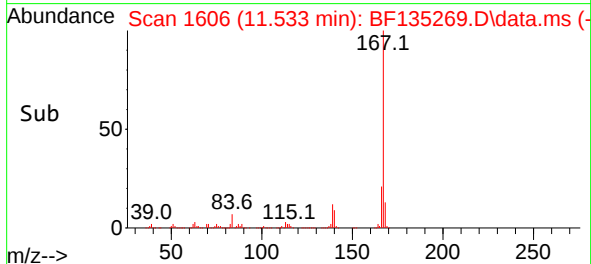
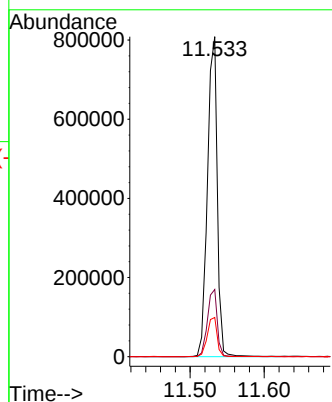
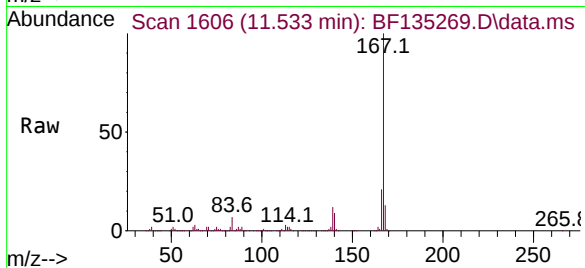
Tgt Ion:167 Resp: 746929

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

139 12.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 54.355 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

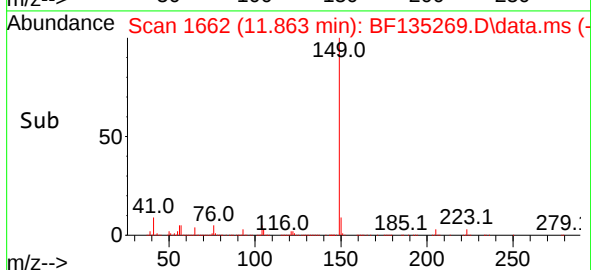
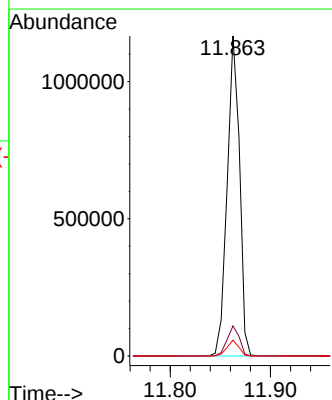
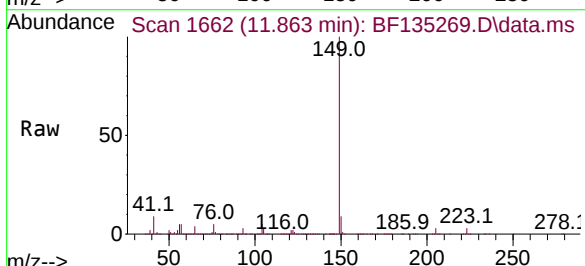
Tgt Ion:149 Resp: 994062

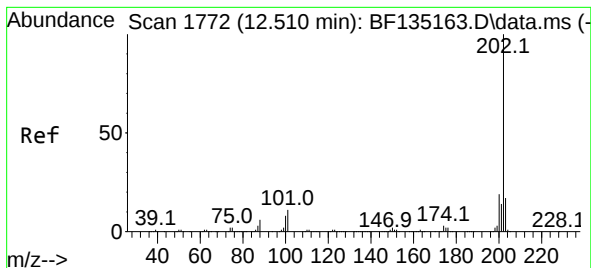
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 45.565 ng

RT: 12.515 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

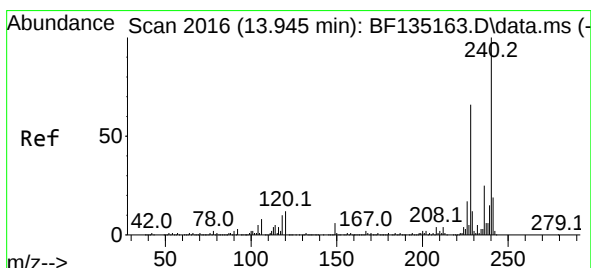
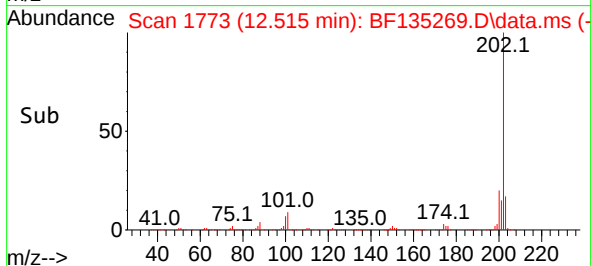
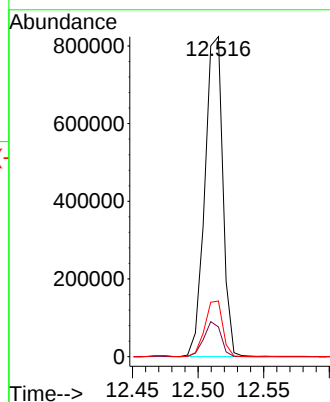
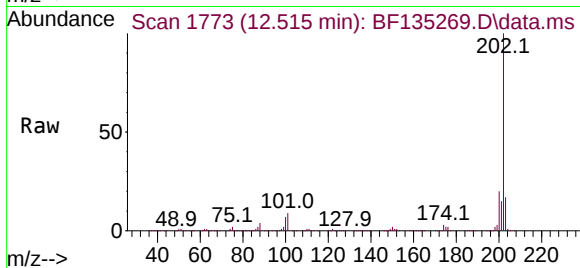
Tgt Ion:202 Resp: 787505

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.3

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

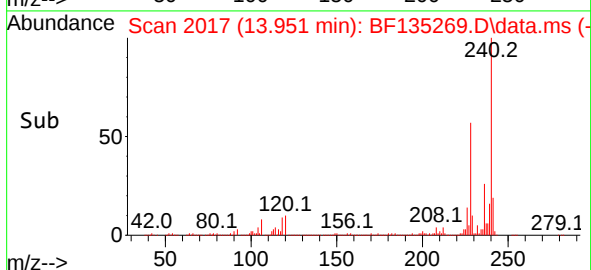
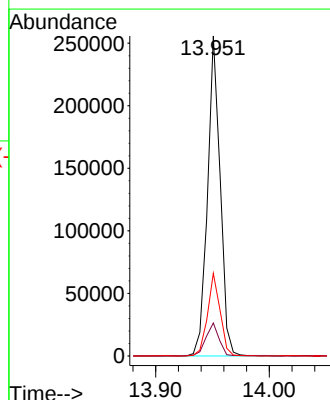
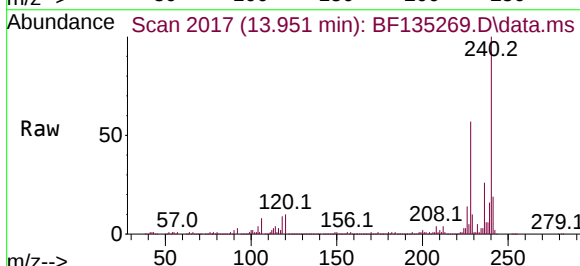
Tgt Ion:240 Resp: 197046

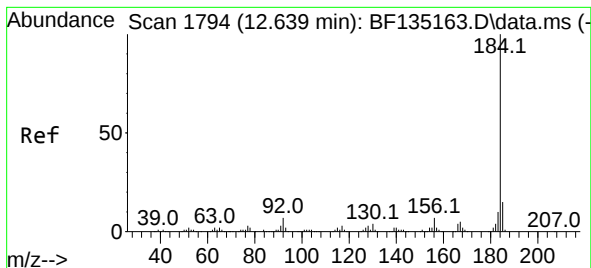
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 25.8 19.8 29.8





#77

Benzidine

Concen: 46.640 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

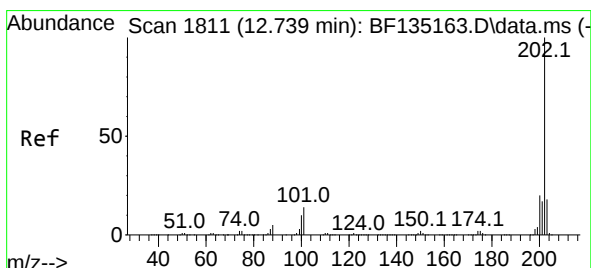
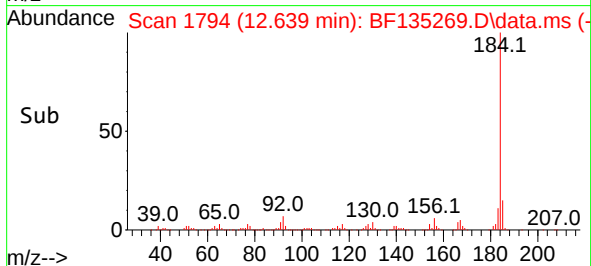
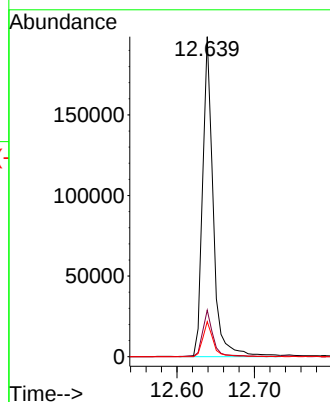
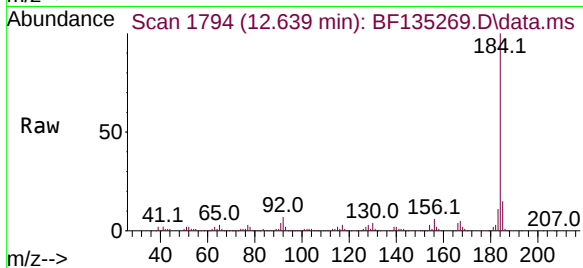
Tgt Ion:184 Resp: 188279

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.9 8.2 12.4



#78

Pyrene

Concen: 41.984 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

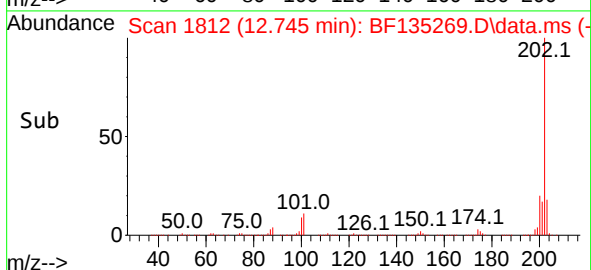
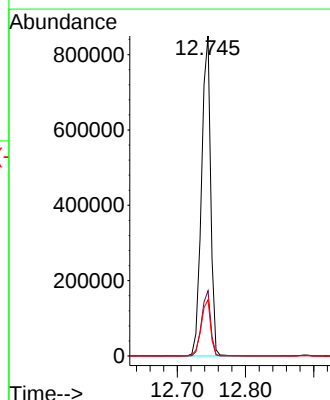
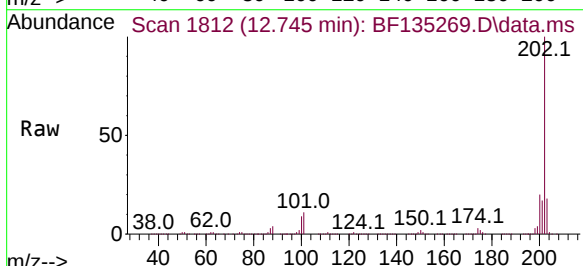
Tgt Ion:202 Resp: 787639

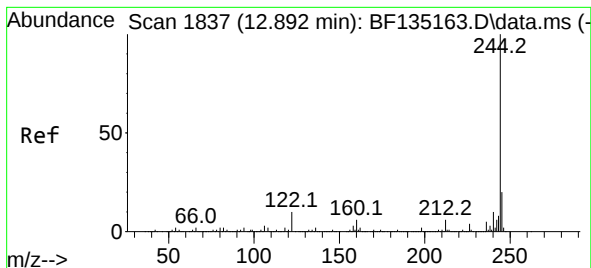
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 60.362 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

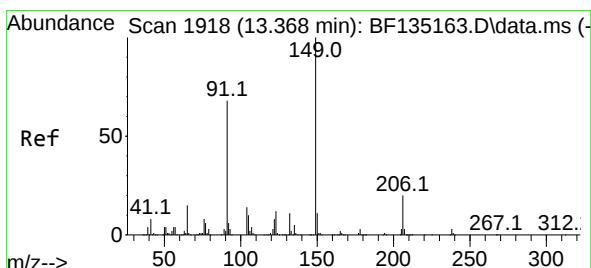
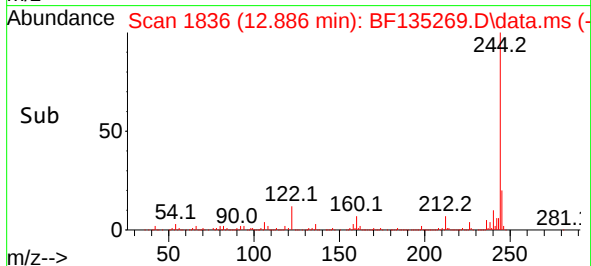
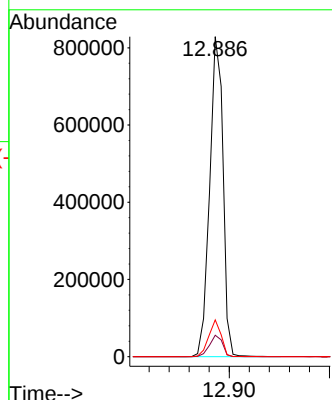
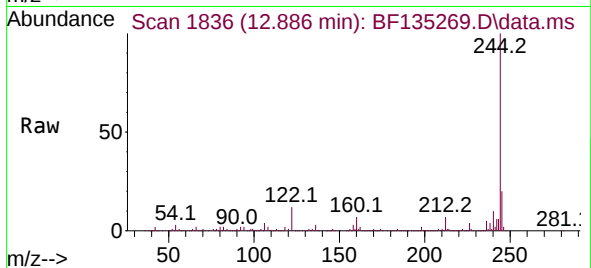
Tgt Ion:244 Resp: 767271

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 47.346 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

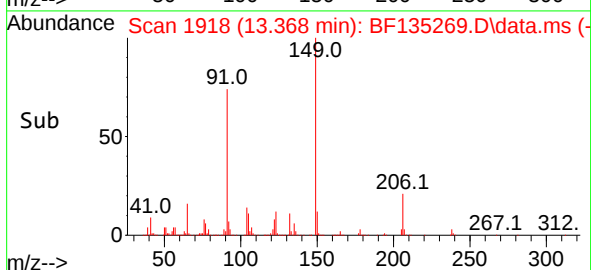
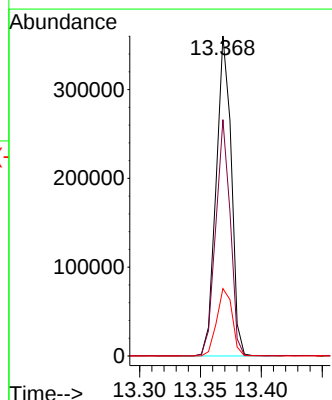
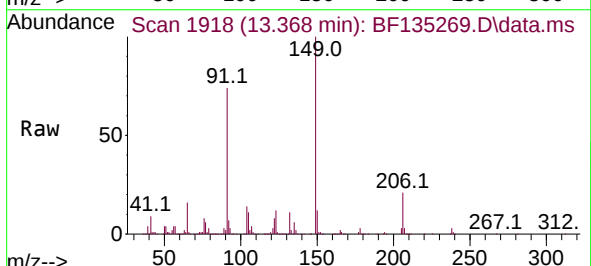
Tgt Ion:149 Resp: 312730

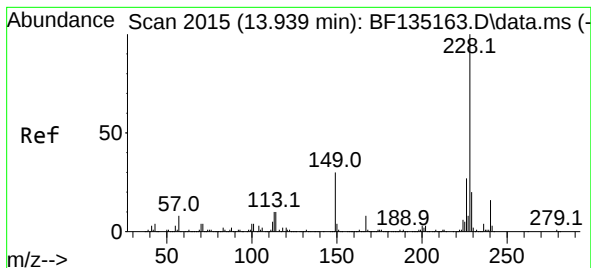
Ion Ratio Lower Upper

149 100

91 73.9 54.7 82.1

206 21.0 16.3 24.5





#81

Benzo(a)anthracene

Concen: 50.722 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

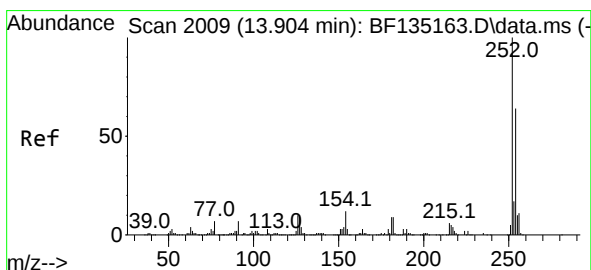
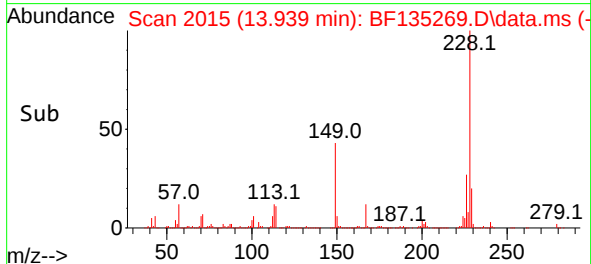
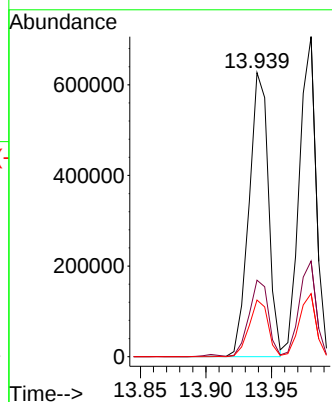
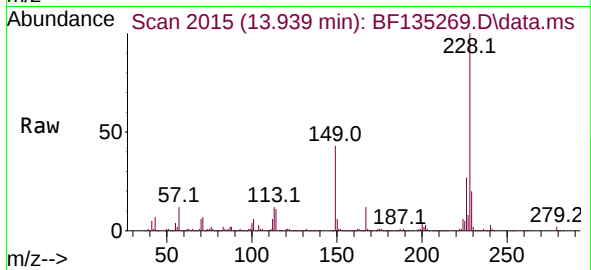
Tgt Ion:228 Resp: 645376

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 52.274 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

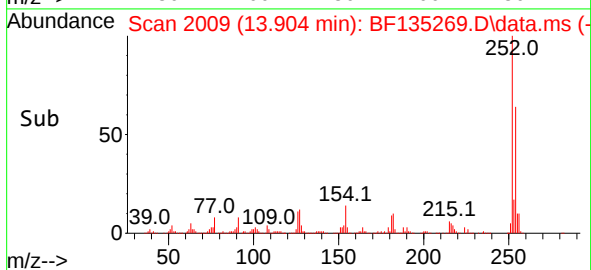
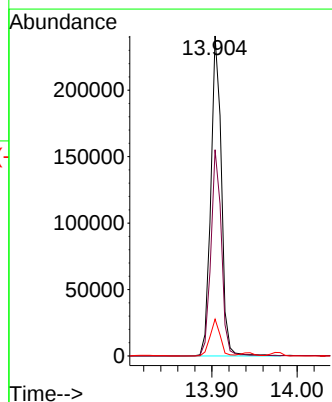
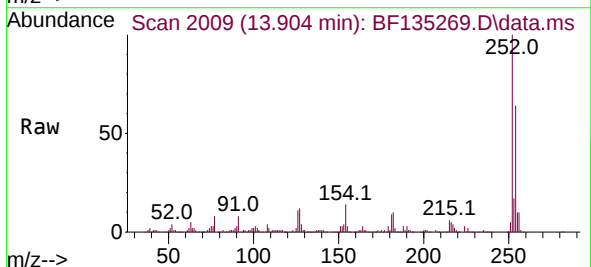
Tgt Ion:252 Resp: 207754

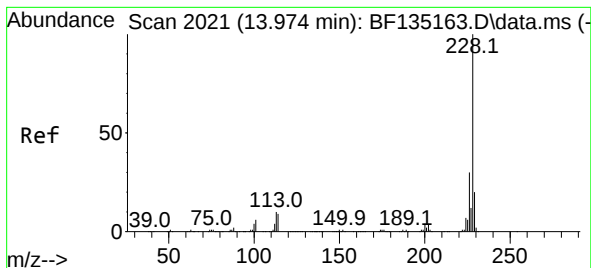
Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.4

126 11.5 7.8 11.8





#83

Chrysene

Concen: 49.554 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

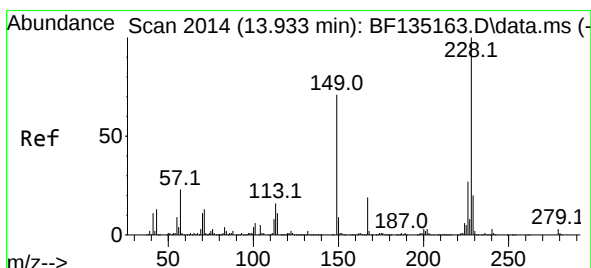
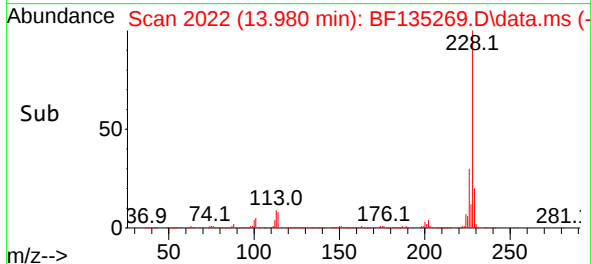
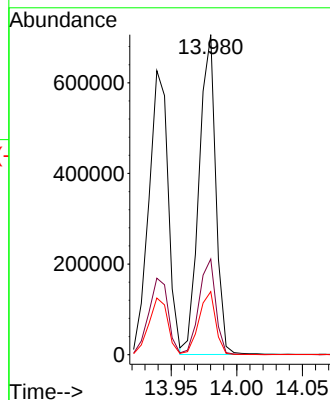
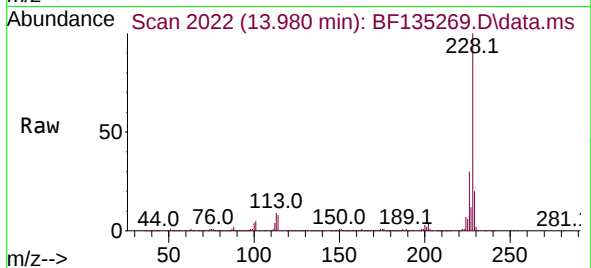
Tgt Ion:228 Resp: 626877

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.728 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

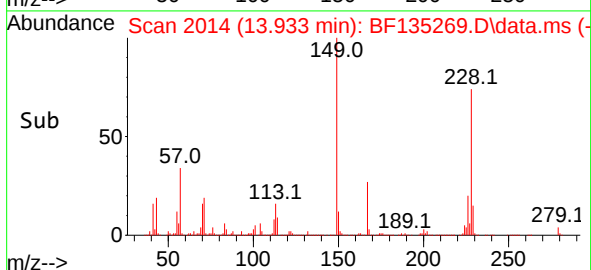
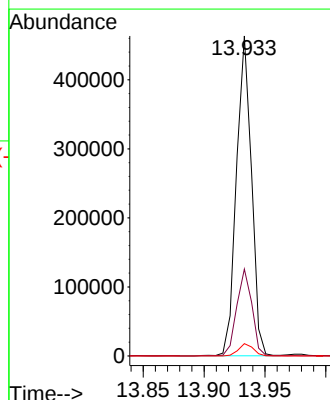
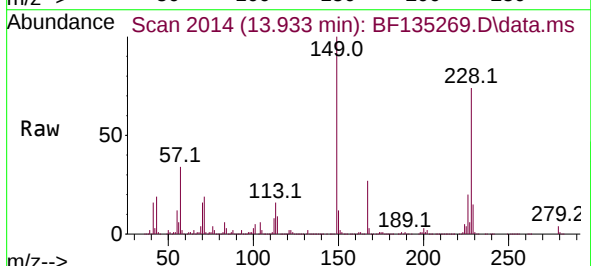
Tgt Ion:149 Resp: 398060

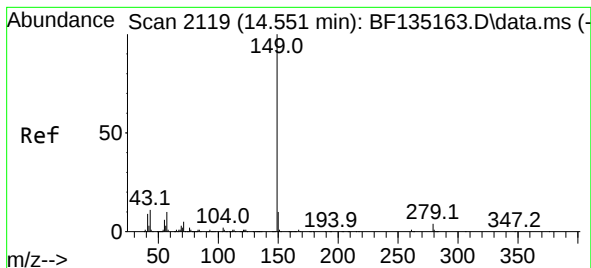
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 67.797 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

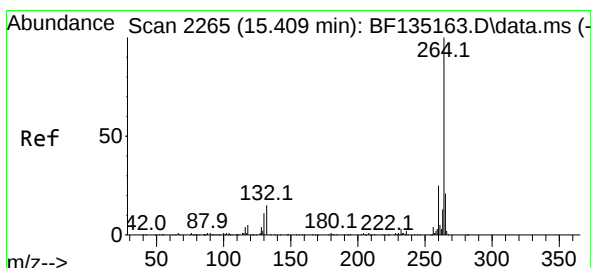
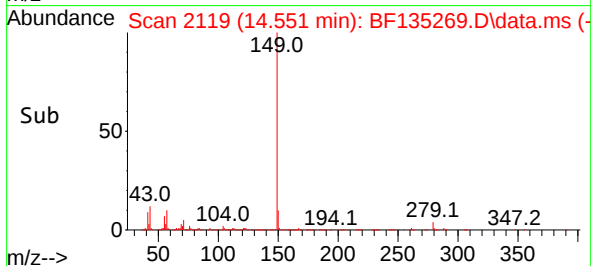
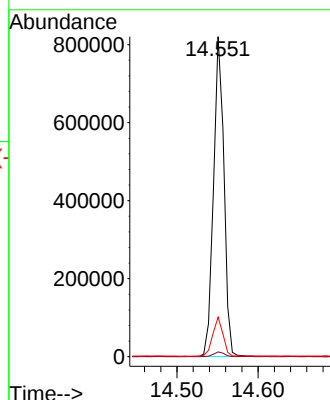
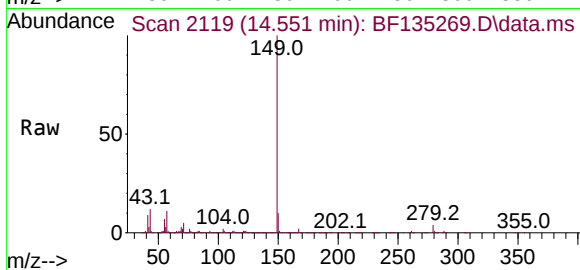
Tgt Ion:149 Resp: 730282

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 12.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

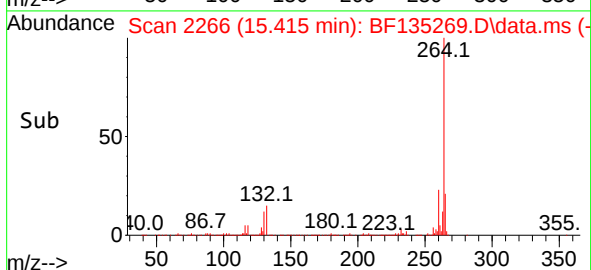
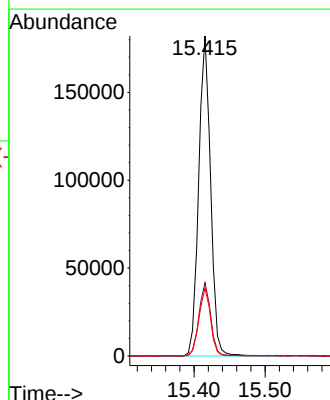
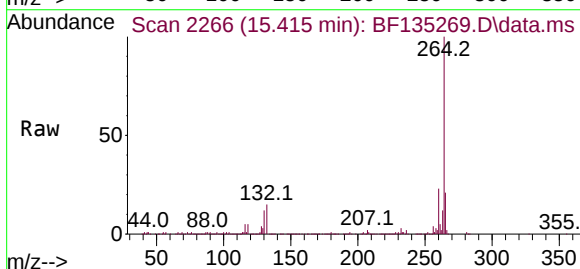
Tgt Ion:264 Resp: 212499

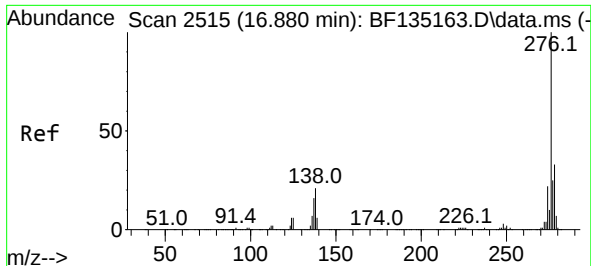
Ion Ratio Lower Upper

264 100

260 22.9 19.8 29.6

265 21.2 17.0 25.4

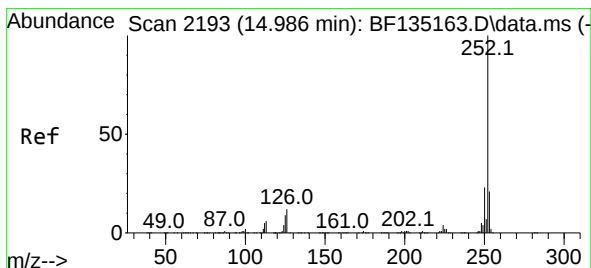
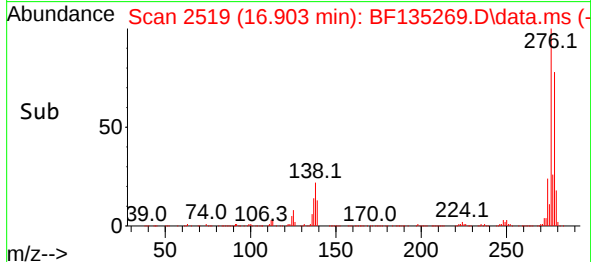
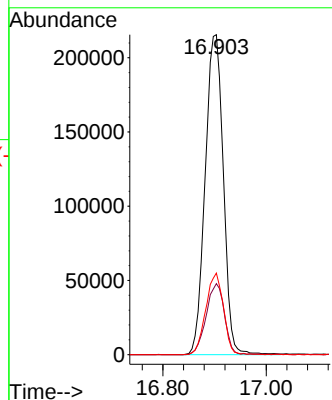
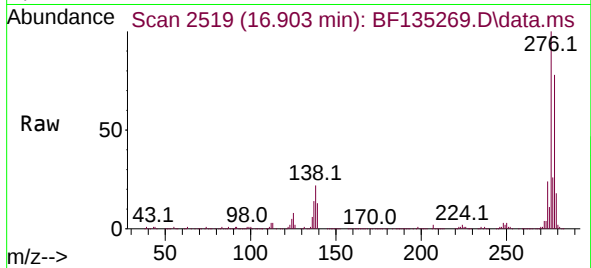




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.765 ng
 RT: 16.903 min Scan# 2119
 Delta R.T. 0.024 min
 Lab File: BF135269.D
 Acq: 14 Sep 2023 23:18

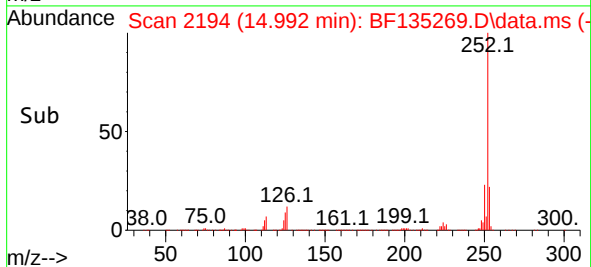
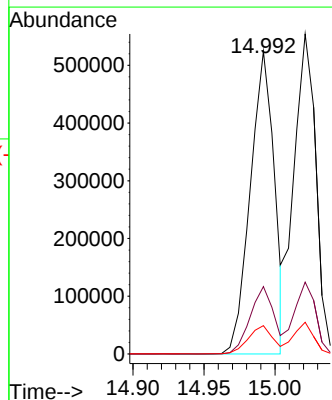
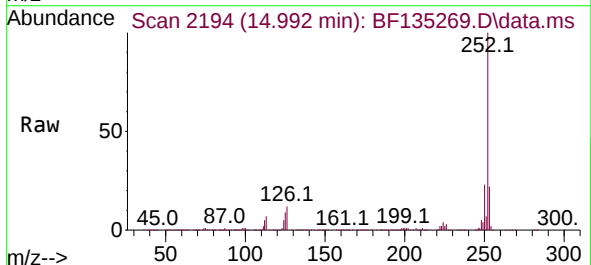
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

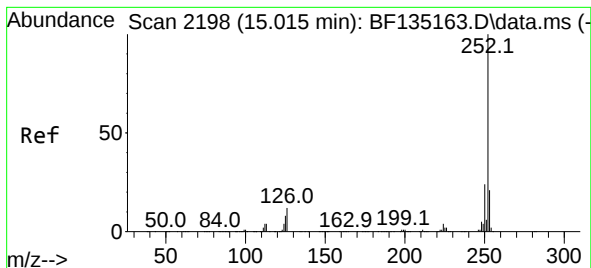
Tgt Ion:276 Resp: 526179
 Ion Ratio Lower Upper
 276 100
 138 22.4 19.2 28.8
 277 24.8 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 53.636 ng
 RT: 14.992 min Scan# 2194
 Delta R.T. 0.006 min
 Lab File: BF135269.D
 Acq: 14 Sep 2023 23:18

Tgt Ion:252 Resp: 616992
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.2 25.8
 125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 52.640 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

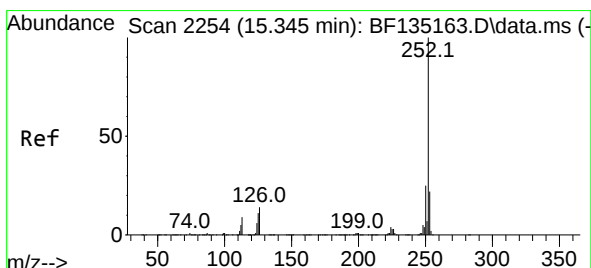
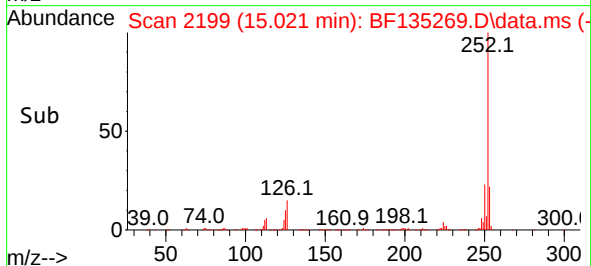
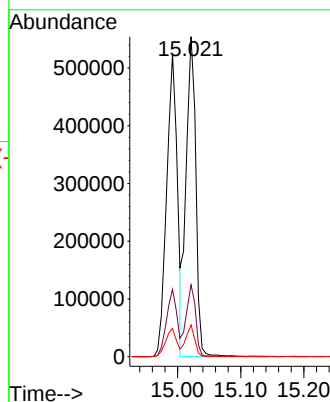
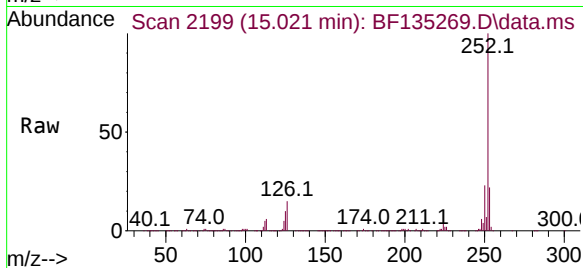
Tgt Ion:252 Resp: 598167

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 9.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.658 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

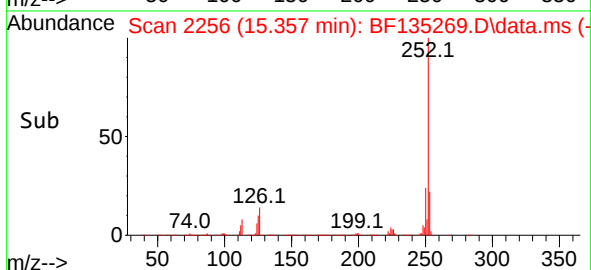
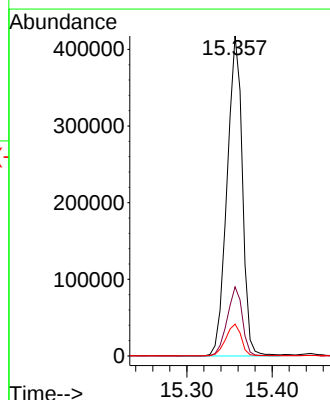
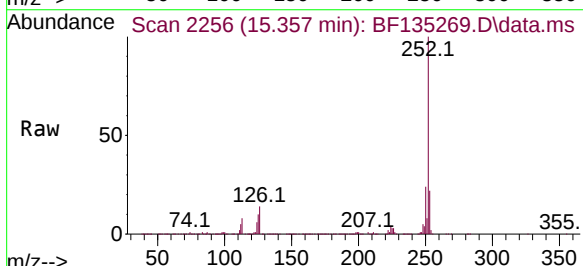
Tgt Ion:252 Resp: 522802

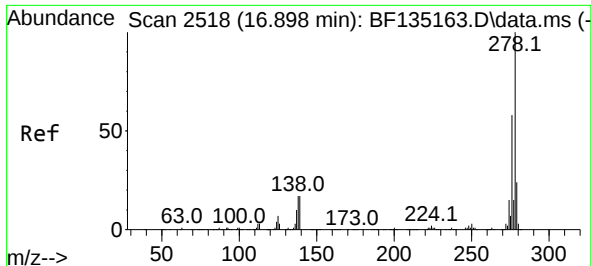
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.0 9.2 13.8

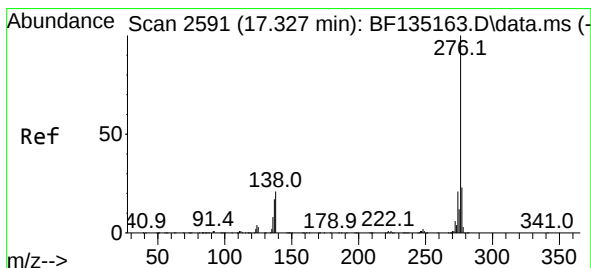
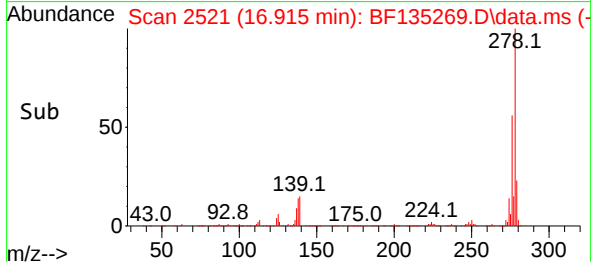
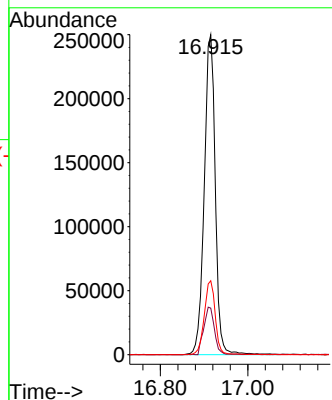
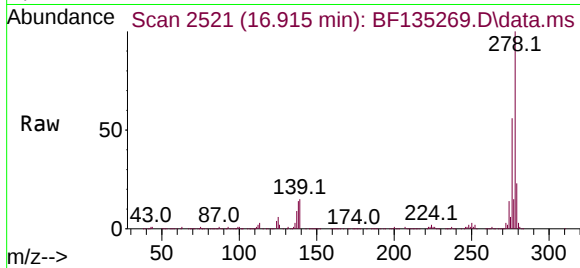




#91
Dibenzo(a,h)anthracene
Concen: 38.589 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:278 Resp: 439918
Ion Ratio Lower Upper
278 100
139 14.6 13.4 20.0
279 23.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 34.107 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135269.D
Acq: 14 Sep 2023 23:18

Tgt Ion:276 Resp: 406078
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 20.9 16.9 25.3

