

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141534.D
 Acq On : 10 Feb 2025 14:50
 Operator : RC/JU
 Sample : PB166619BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166619BSD

Quant Time: Feb 10 16:11:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	95997	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	377178	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	209865	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	377001	20.000	ng	0.00
76) Chrysene-d12	13.957	240	279833	20.000	ng	0.00
86) Perylene-d12	15.410	264	213547	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	558682	91.239	ng	0.01
7) Phenol-d6	6.434	99	687360	88.814	ng	0.00
23) Nitrobenzene-d5	7.357	82	686210	94.893	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	204296	96.906	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1306396	95.904	ng	0.00
79) Terphenyl-d14	12.898	244	1570248	94.730	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.587	88	99638	40.430	ng 99
3) Pyridine	3.316	79	240477	41.005	ng 98
4) n-Nitrosodimethylamine	3.269	42	166686	42.925	ng 98
6) Aniline	6.451	93	277583	38.235	ng 91
8) 2-Chlorophenol	6.581	128	294606	44.527	ng 99
9) Benzaldehyde	6.340	77	174279	42.376	ng 100
10) Phenol	6.446	94	347102	43.091	ng 99
11) bis(2-Chloroethyl)ether	6.528	93	264025	43.639	ng 100
12) 1,3-Dichlorobenzene	6.728	146	304043	43.527	ng 99
13) 1,4-Dichlorobenzene	6.804	146	306916	43.005	ng 99
14) 1,2-Dichlorobenzene	6.957	146	294141	44.407	ng 99
15) Benzyl Alcohol	6.934	79	262585	44.244	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	456583	44.085	ng 78
17) 2-Methylphenol	7.051	107	232641	44.931	ng 98
18) Hexachloroethane	7.298	117	116231	44.006	ng 99
19) n-Nitroso-di-n-propyla...	7.204	70	207232	44.765	ng 99
20) 3+4-Methylphenols	7.204	107	294698	44.786	ng 99
22) Acetophenone	7.198	105	449976	47.959	ng 99
24) Nitrobenzene	7.375	77	310367	44.014	ng 100
25) Isophorone	7.610	82	559554	48.529	ng 100
26) 2-Nitrophenol	7.687	139	157059	44.768	ng 98
27) 2,4-Dimethylphenol	7.734	122	235994	57.582	ng 99
28) bis(2-Chloroethoxy)met...	7.822	93	337735	45.712	ng 99
29) 2,4-Dichlorophenol	7.934	162	250588	45.253	ng 98
30) 1,2,4-Trichlorobenzene	8.010	180	269228	44.647	ng 98
31) Naphthalene	8.092	128	856478	43.623	ng 100
32) Benzoic acid	7.869	122	191645	45.018	ng 97
33) 4-Chloroaniline	8.145	127	161790	23.602	ng 98
34) Hexachlorobutadiene	8.210	225	165663	45.761	ng 99
35) Caprolactam	8.522	113	49572	29.402	ng 99
36) 4-Chloro-3-methylphenol	8.640	107	273858	44.646	ng 98
37) 2-Methylnaphthalene	8.787	142	547745	42.872	ng 100
38) 1-Methylnaphthalene	8.887	142	530275	42.854	ng 98
40) 1,2,4,5-Tetrachloroben...	8.951	216	292629	48.196	ng 98
41) Hexachlorocyclopentadiene	8.934	237	335825	166.293	ng 98
43) 2,4,6-Trichlorophenol	9.069	196	175171	44.639	ng 98

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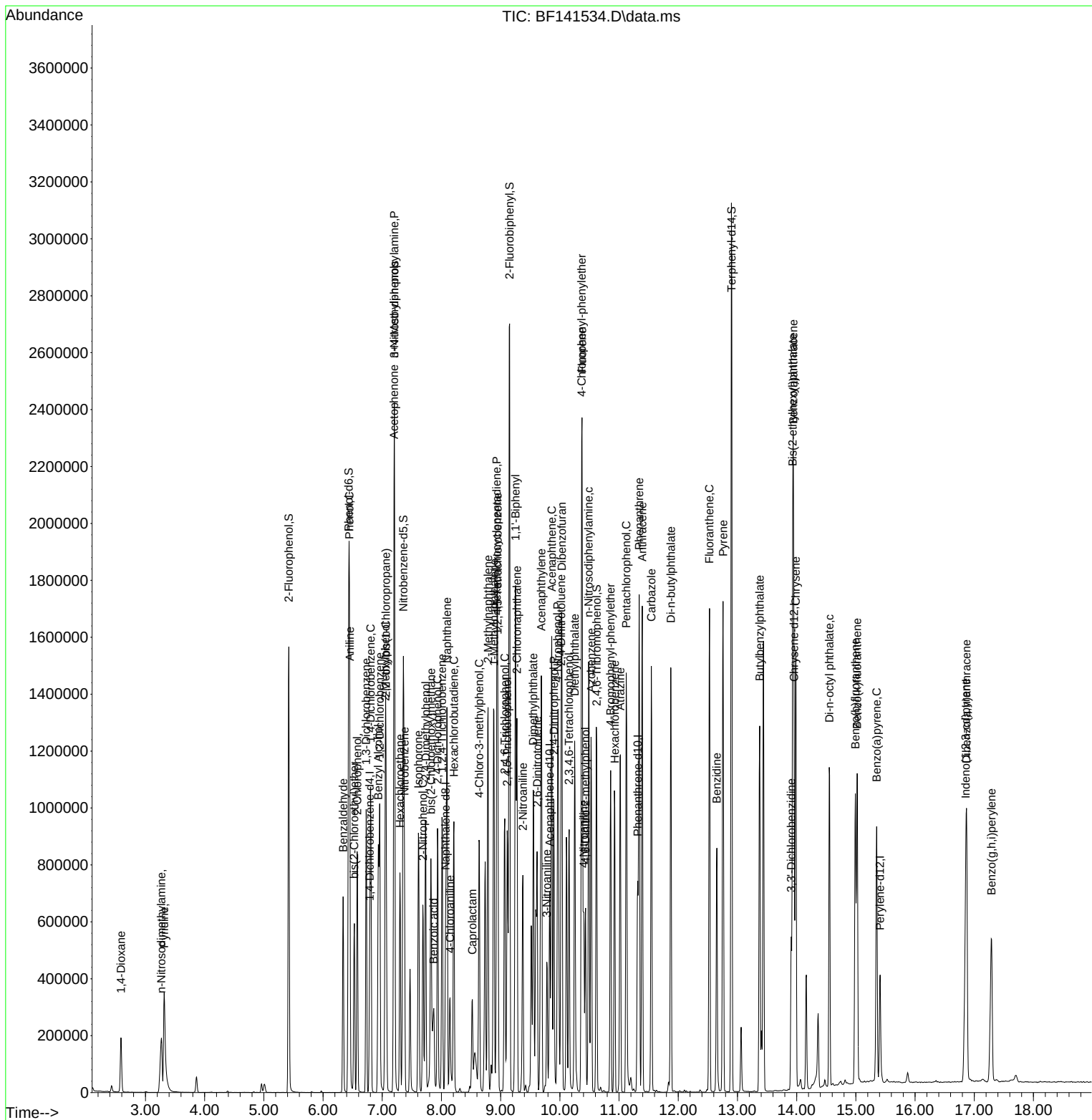
Instrument :
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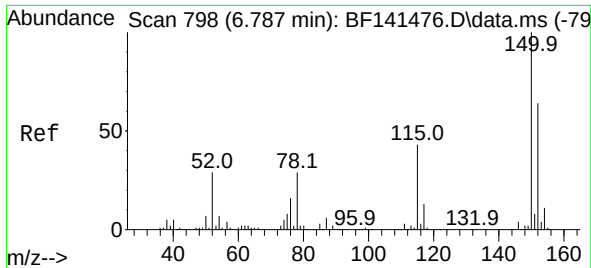
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 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	191040	44.920	ng	98
46) 1,1'-Biphenyl	9.251	154	789781	48.541	ng	100
47) 2-Chloronaphthalene	9.275	162	541823	45.034	ng	100
48) 2-Nitroaniline	9.375	65	185825	46.021	ng	98
49) Acenaphthylene	9.687	152	840198	46.950	ng	99
50) Dimethylphthalate	9.551	163	653932	45.899	ng	99
51) 2,6-Dinitrotoluene	9.616	165	142649	45.801	ng	99
52) Acenaphthene	9.863	154	518292	43.080	ng	98
53) 3-Nitroaniline	9.781	138	95384	28.454	ng	99
54) 2,4-Dinitrophenol	9.898	184	192910	104.216	ng	95
55) Dibenzofuran	10.034	168	764398	43.286	ng	100
56) 4-Nitrophenol	9.963	139	238630	95.896	ng	98
57) 2,4-Dinitrotoluene	10.022	165	198937	47.981	ng	99
58) Fluorene	10.375	166	618620	45.306	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	162941	44.501	ng	98
60) Diethylphthalate	10.251	149	644091	45.949	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	294294	44.802	ng	99
62) 4-Nitroaniline	10.404	138	155164	45.585	ng	99
63) Azobenzene	10.528	77	621343	44.588	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	118791	45.360	ng	99
66) n-Nitrosodiphenylamine	10.486	169	539587	44.712	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	186720	44.315	ng	97
68) Hexachlorobenzene	10.928	284	197021	45.410	ng	99
69) Atrazine	11.022	200	217536	60.085	ng	98
70) Pentachlorophenol	11.122	266	242651	87.465	ng	98
71) Phenanthrene	11.339	178	926703	44.656	ng	100
72) Anthracene	11.392	178	952892	45.678	ng	100
73) Carbazole	11.545	167	849420	45.253	ng	100
74) Di-n-butylphthalate	11.875	149	1030826	47.561	ng	100
75) Fluoranthene	12.528	202	982683	44.665	ng	100
77) Benzidine	12.651	184	454469	73.640	ng	100
78) Pyrene	12.757	202	1012339	42.497	ng	100
80) Butylbenzylphthalate	13.375	149	409478	49.628	ng	98
81) Benzo(a)anthracene	13.945	228	825263	44.366	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	152077	28.540	ng	99
83) Chrysene	13.986	228	780158	45.422	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	507844	54.572	ng	100
85) Di-n-octyl phthalate	14.551	149	747578	56.312	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	613905	46.526	ng	100
88) Benzo(b)fluoranthene	14.992	252	622569	43.419	ng	99
89) Benzo(k)fluoranthene	15.021	252	606756	49.556	ng	99
90) Benzo(a)pyrene	15.351	252	557473	48.048	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	490065	45.836	ng	100
92) Benzo(g,h,i)perylene	17.292	276	481234	43.012	ng	99

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

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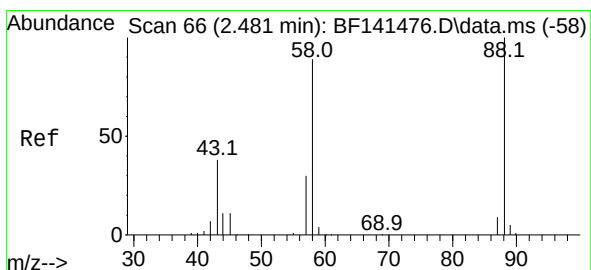
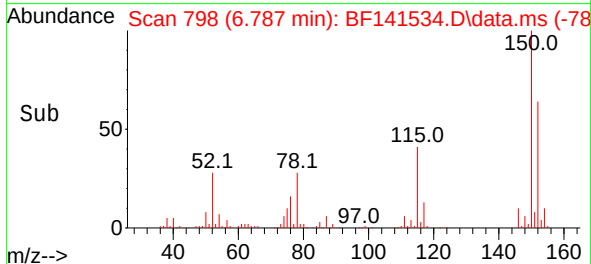
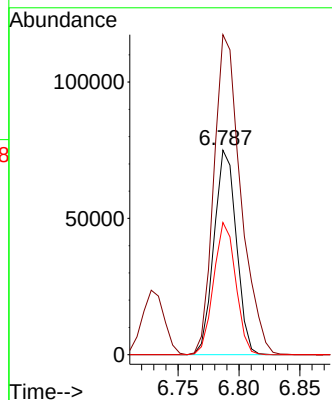
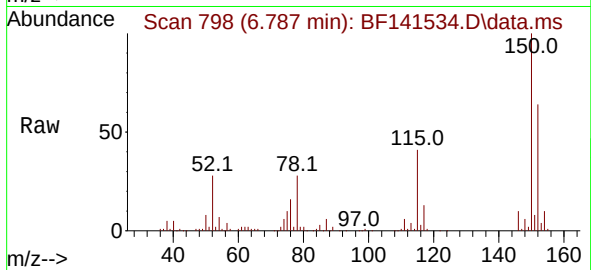




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

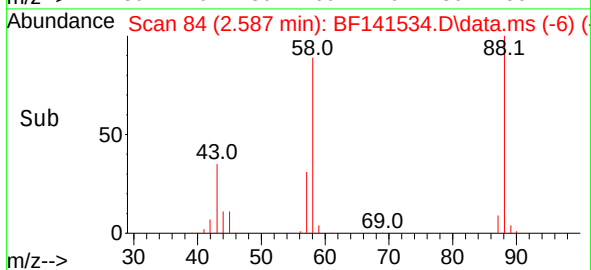
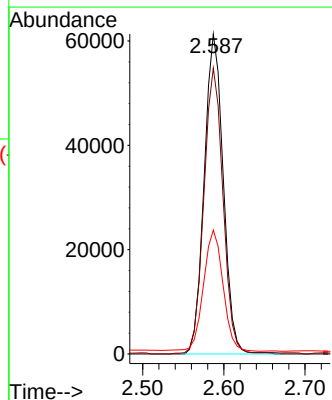
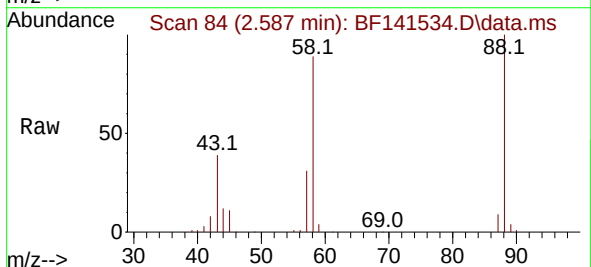
Instrument :
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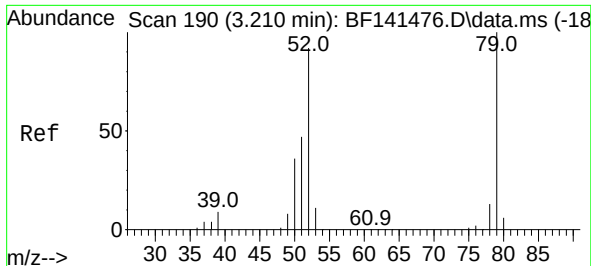
Tgt Ion:152 Resp: 95997
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.0 187.4
 115 64.6 53.6 80.4



#2
 1,4-Dioxane
 Concen: 40.430 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.106 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

Tgt Ion: 88 Resp: 99638
 Ion Ratio Lower Upper
 88 100
 58 89.9 71.1 106.7
 43 38.9 30.6 46.0





#3

Pyridine

Concen: 41.005 ng

RT: 3.316 min Scan# 200

Delta R.T. 0.100 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

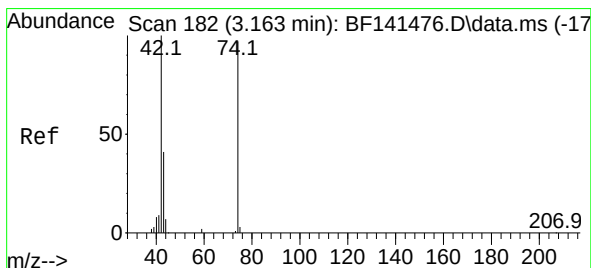
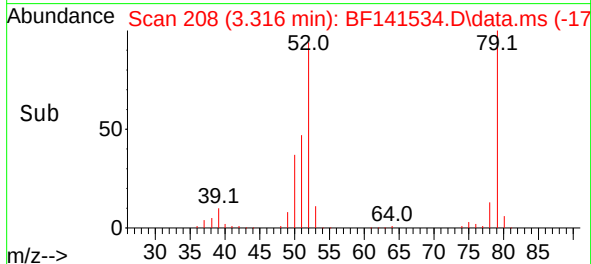
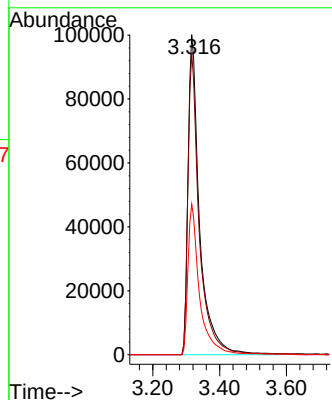
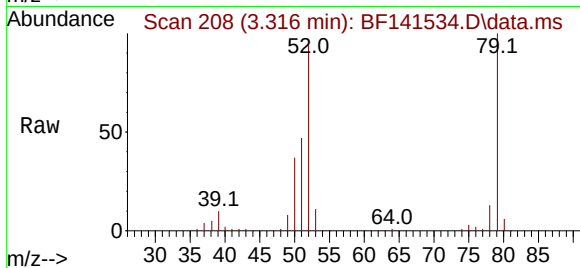
BNA_F

ClientSampleId :

PB166619BSD

Tgt Ion: 79 Resp: 240477

Ion	Ratio	Lower	Upper
79	100		
52	94.2	73.7	110.5
51	47.1	37.5	56.3



#4

n-Nitrosodimethylamine

Concen: 42.925 ng

RT: 3.269 min Scan# 200

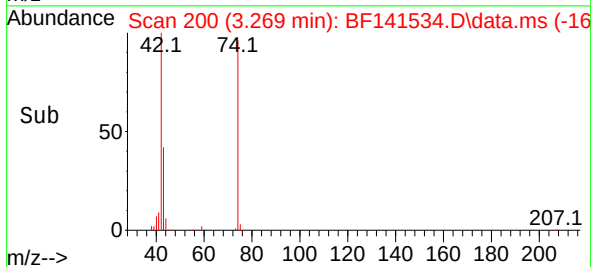
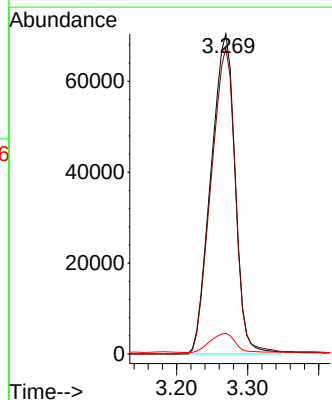
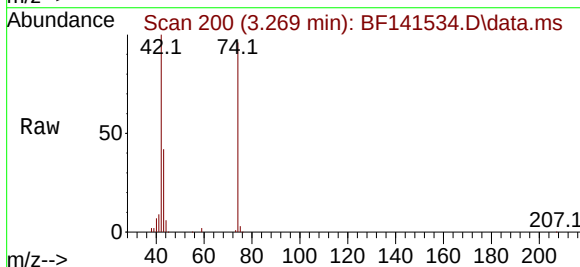
Delta R.T. 0.083 min

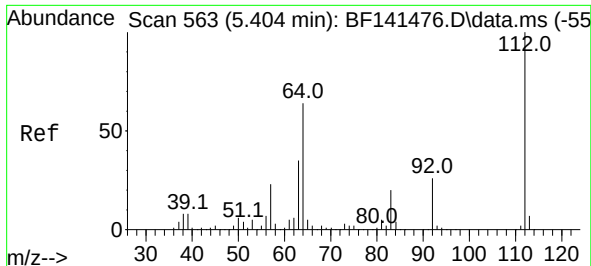
Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Tgt Ion: 42 Resp: 166686

Ion	Ratio	Lower	Upper
42	100		
74	95.8	78.0	117.0
44	6.4	5.4	8.2

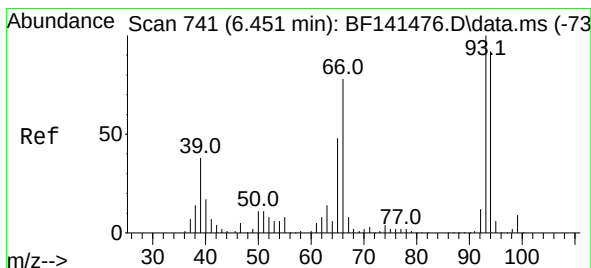
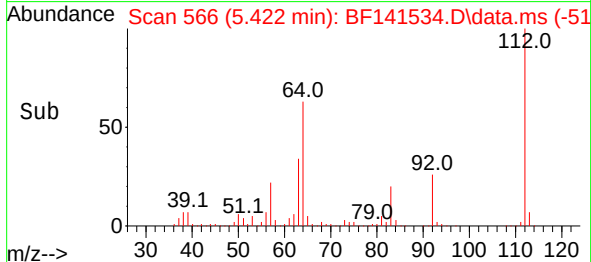
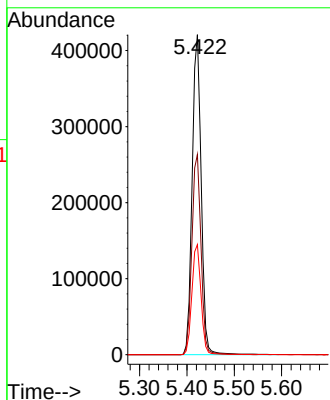
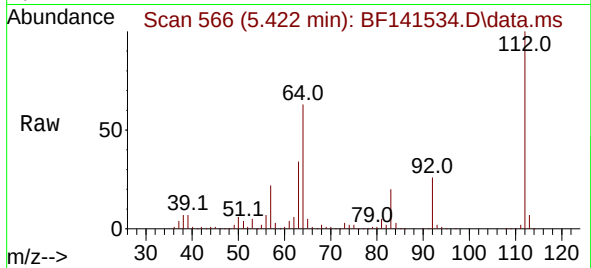




#5
2-Fluorophenol
Concen: 91.239 ng
RT: 5.422 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

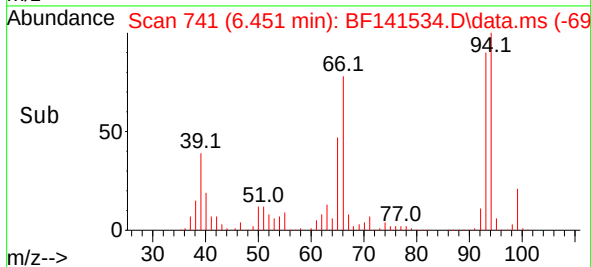
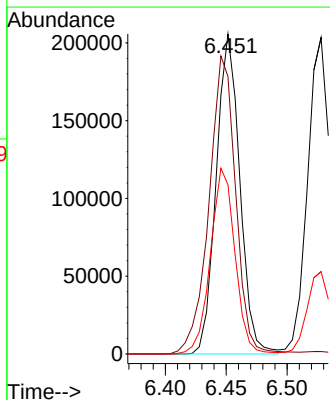
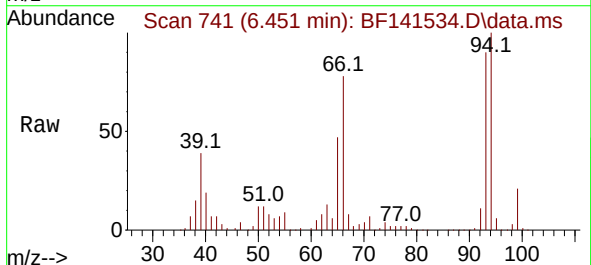
Instrument :
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ClientSampleId :
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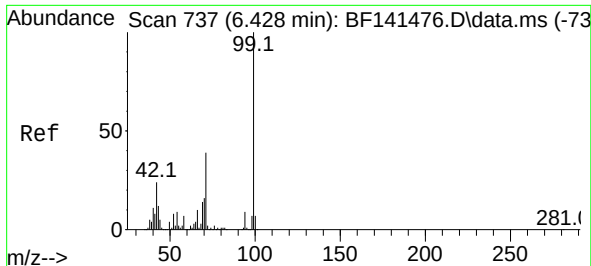
Tgt Ion:112 Resp: 558682
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 34.4 28.4 42.6



#6
Aniline
Concen: 38.235 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion: 93 Resp: 277583
Ion Ratio Lower Upper
93 100
66 86.7 62.6 94.0
65 52.8 38.3 57.5

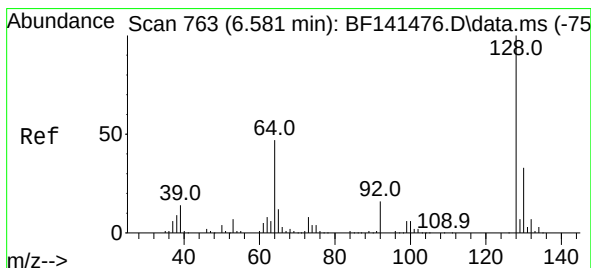
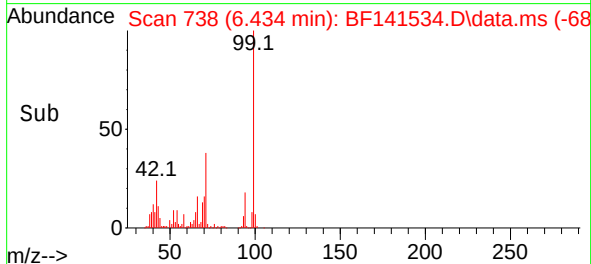
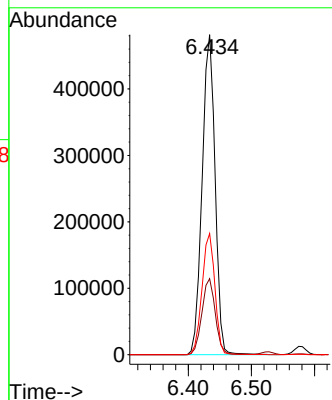
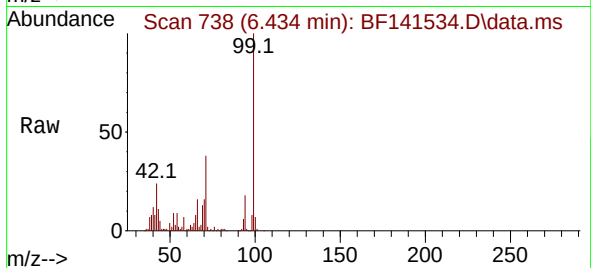




#7
Phenol-d6
Concen: 88.814 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

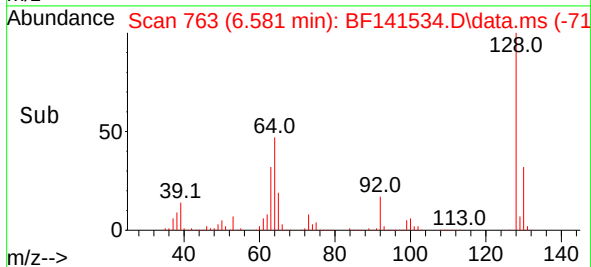
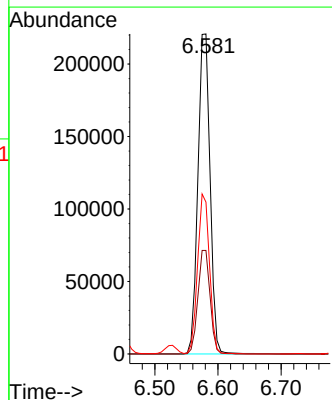
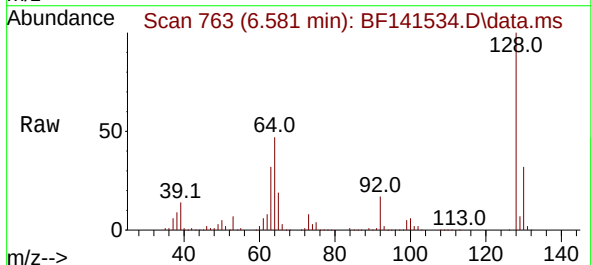
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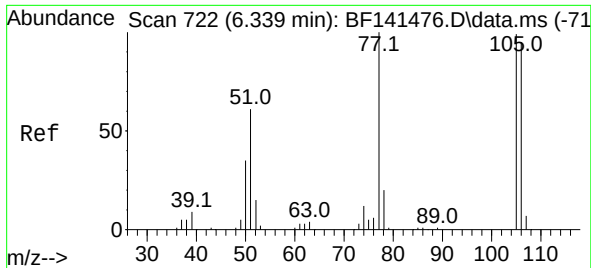
Tgt Ion: 99 Resp: 687360
Ion Ratio Lower Upper
99 100
42 23.8 19.1 28.7
71 37.9 31.1 46.7



#8
2-Chlorophenol
Concen: 44.527 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion: 128 Resp: 294606
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 47.4 28.3 68.3

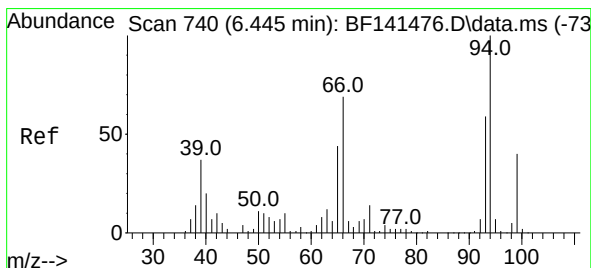
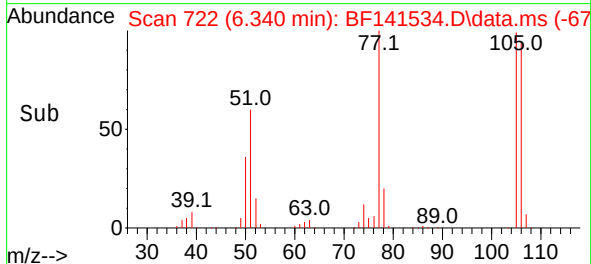
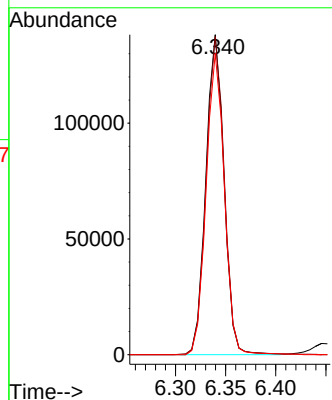
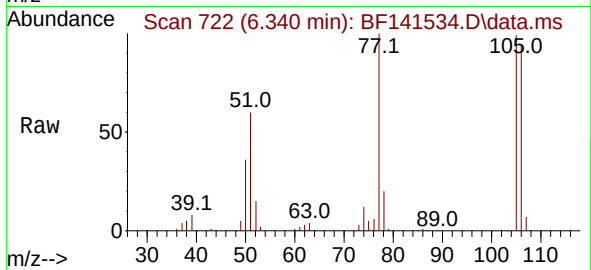




#9
Benzaldehyde
Concen: 42.376 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

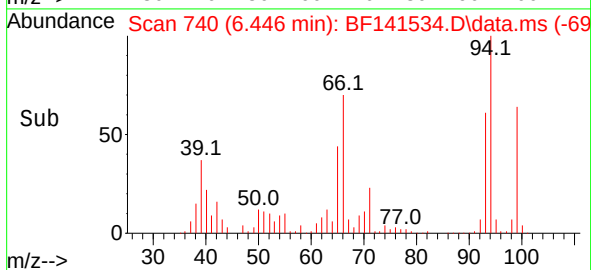
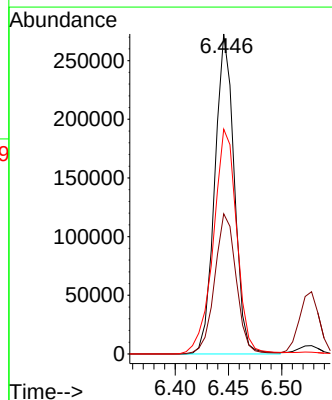
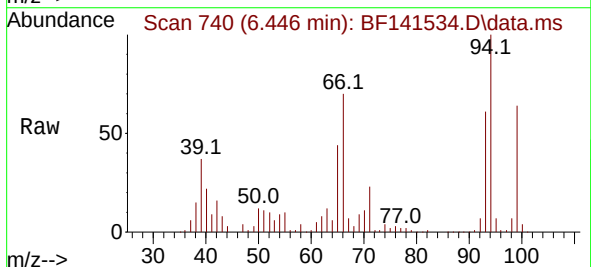
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

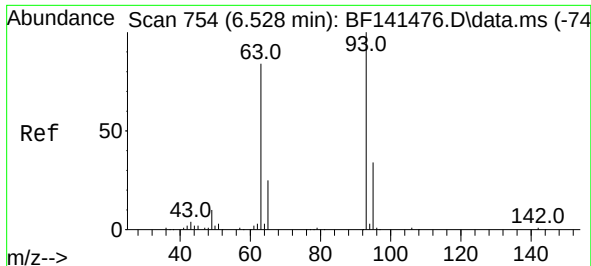
Tgt Ion: 77 Resp: 174279
Ion Ratio Lower Upper
77 100
105 99.4 79.4 119.4
106 94.1 75.1 115.1



#10
Phenol
Concen: 43.091 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion: 94 Resp: 347102
Ion Ratio Lower Upper
94 100
65 43.8 23.7 63.7
66 70.2 49.3 89.3





#11

bis(2-Chloroethyl)ether

Concen: 43.639 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

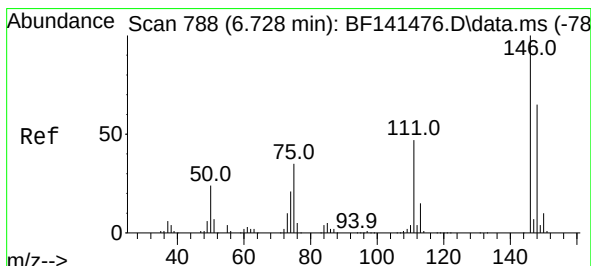
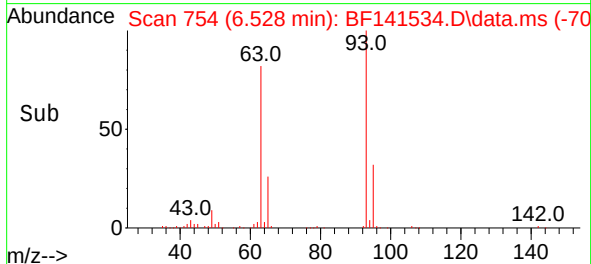
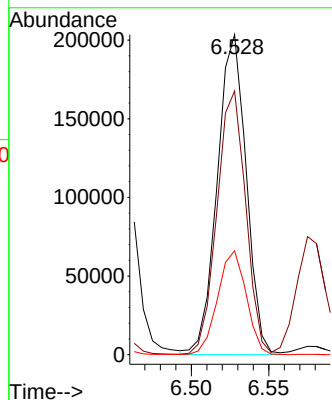
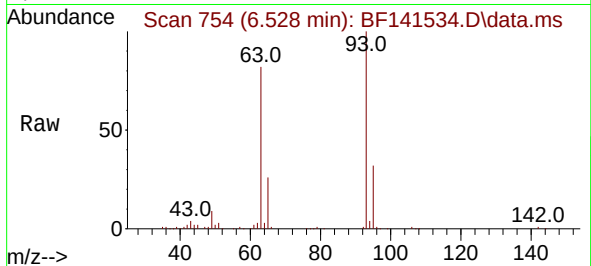
Tgt Ion: 93 Resp: 264025

Ion Ratio Lower Upper

93 100

63 82.4 62.0 102.0

95 32.4 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 43.527 ng

RT: 6.728 min Scan# 788

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

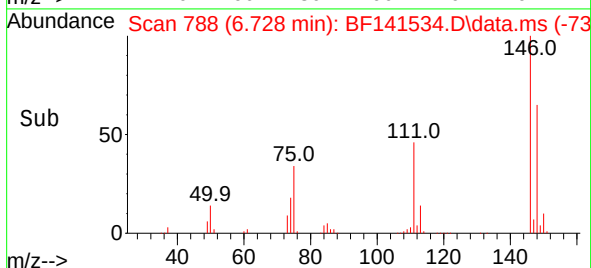
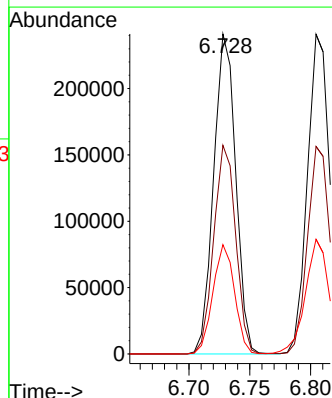
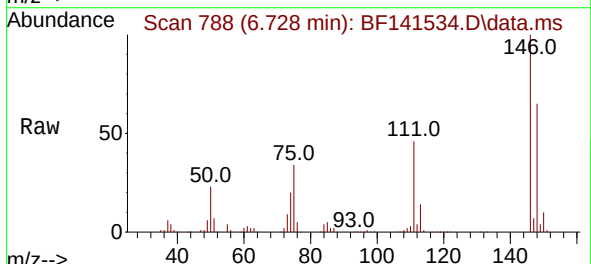
Tgt Ion:146 Resp: 304043

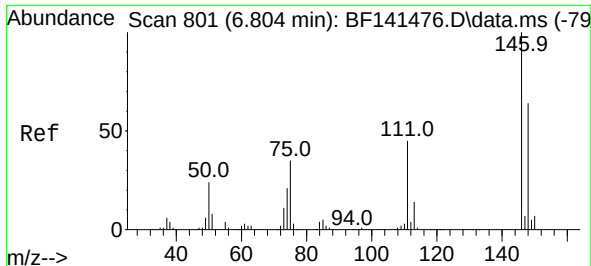
Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

75 34.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.005 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

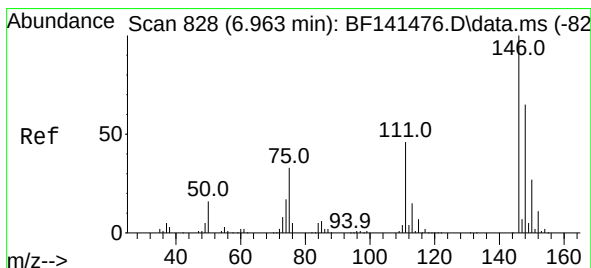
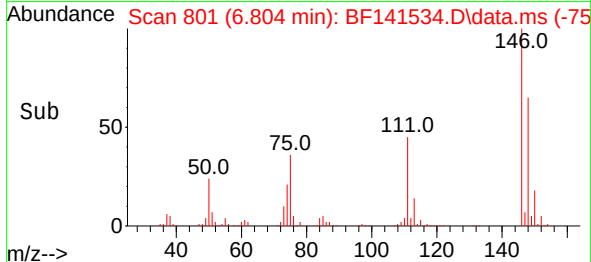
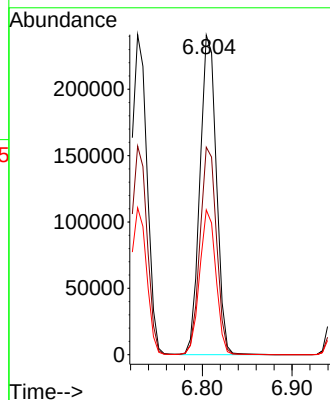
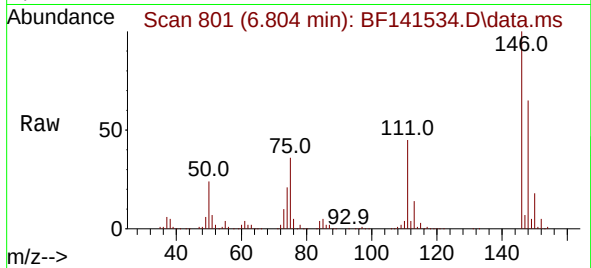
Tgt Ion:146 Resp: 306916

Ion Ratio Lower Upper

146 100

148 64.9 50.9 76.3

111 45.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.407 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

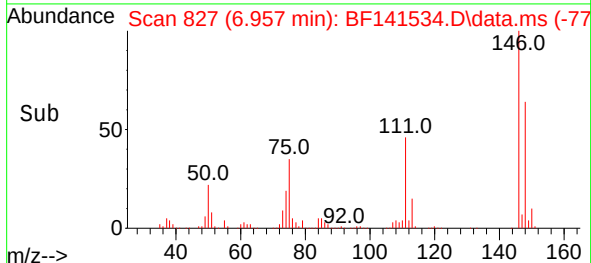
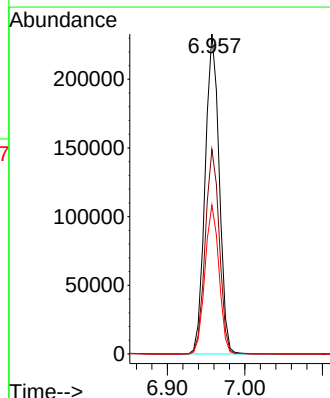
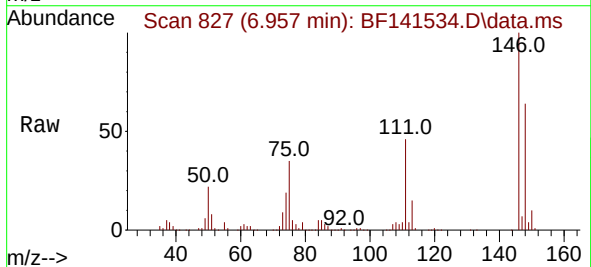
Tgt Ion:146 Resp: 294141

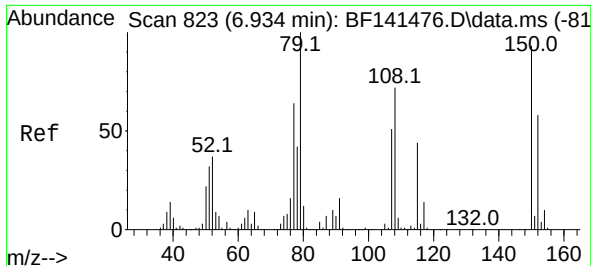
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

111 46.5 37.0 55.4

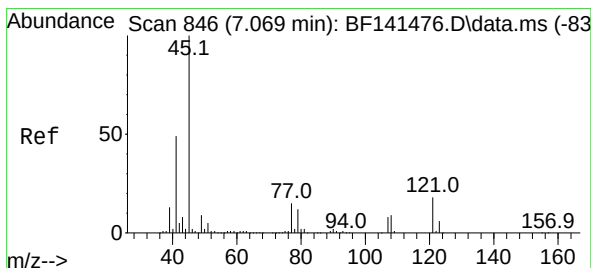
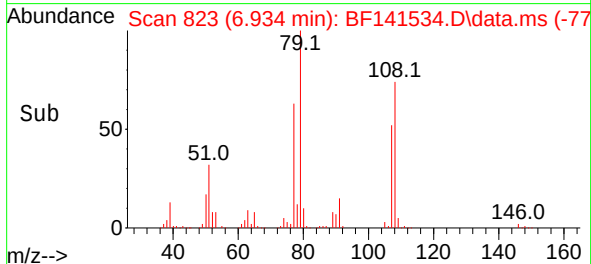
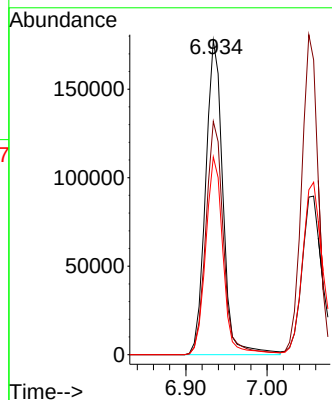
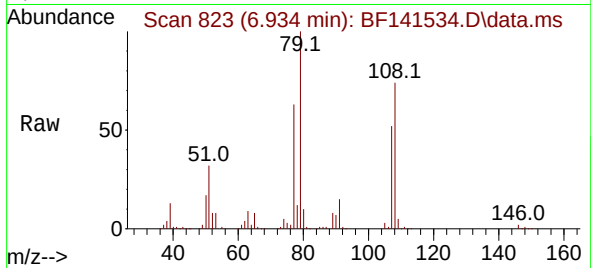




#15
Benzyl Alcohol
Concen: 44.244 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

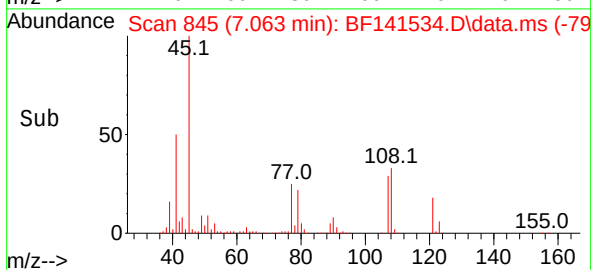
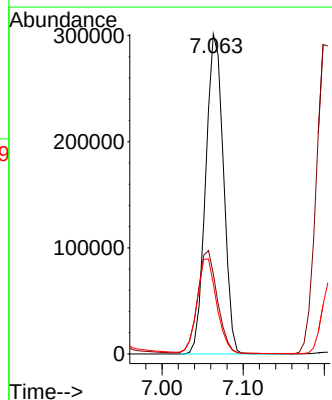
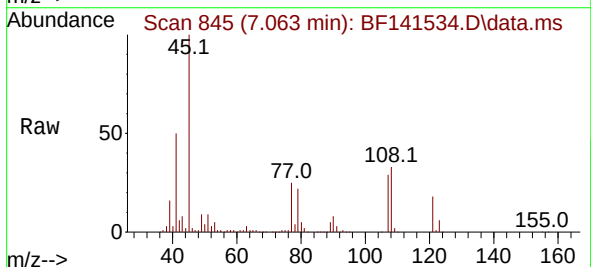
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

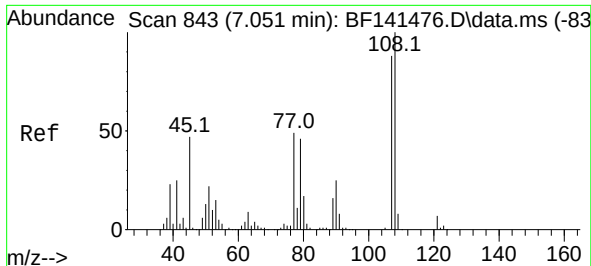
Tgt Ion: 79 Resp: 262585
Ion Ratio Lower Upper
79 100
108 74.2 57.4 86.2
77 62.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.085 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion: 45 Resp: 456583
Ion Ratio Lower Upper
45 100
77 25.0 0.0 35.8
79 21.9 0.0 32.7

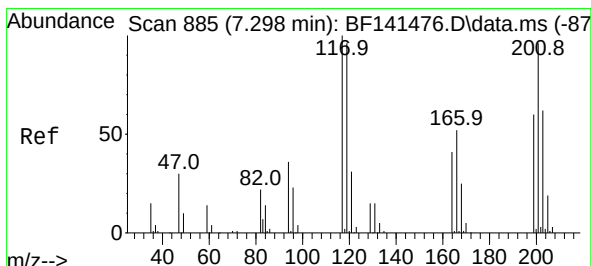
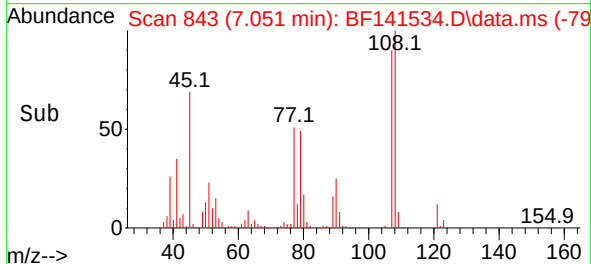
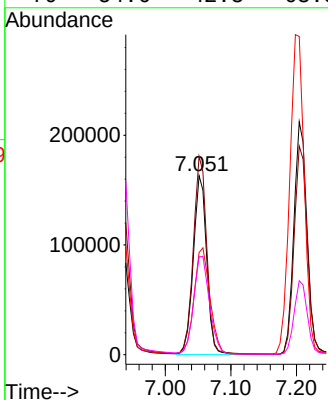
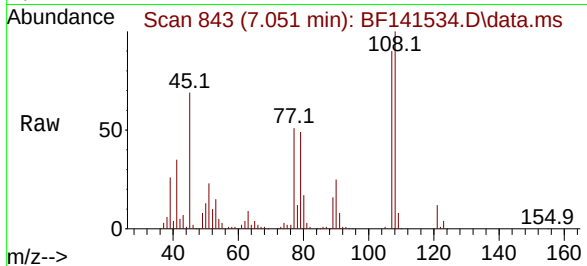




#17
2-Methylphenol
Concen: 44.931 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

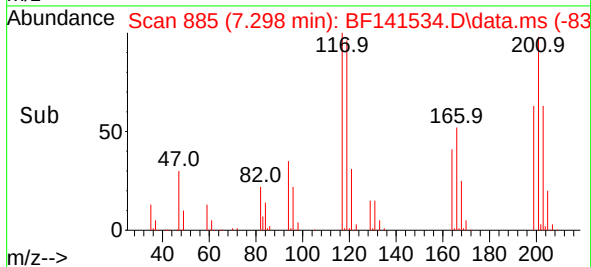
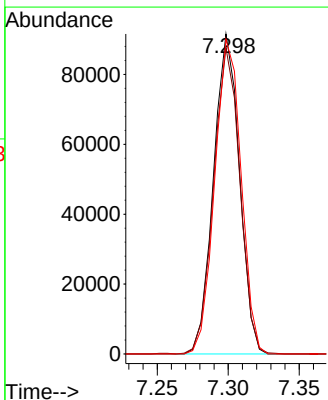
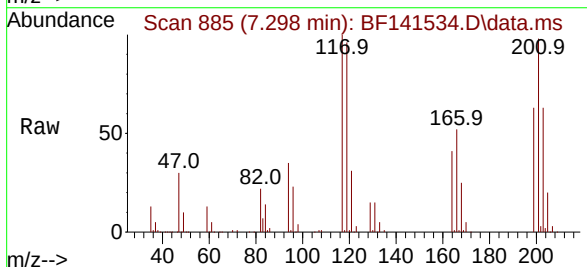
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

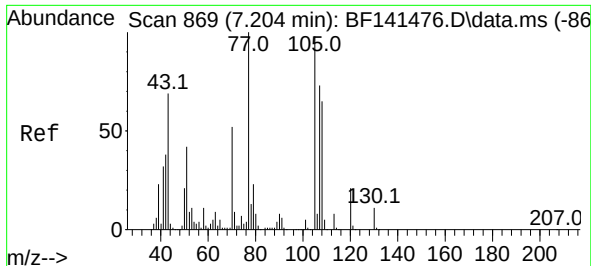
Tgt Ion:	107	Resp:	232641
Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.6	136.0
77	57.0	44.4	66.6
79	54.6	42.3	63.5



#18
Hexachloroethane
Concen: 44.006 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:	117	Resp:	116231
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.5	114.7
201	98.3	76.7	115.1



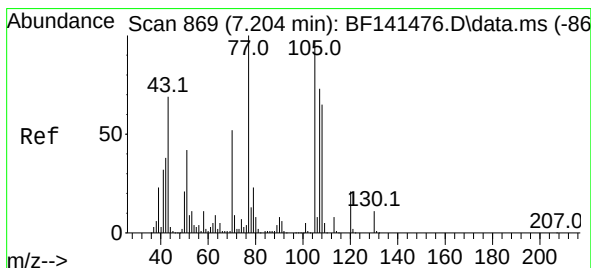
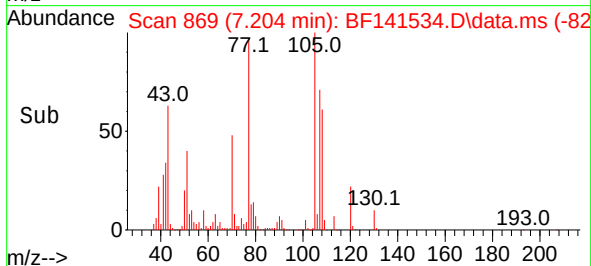
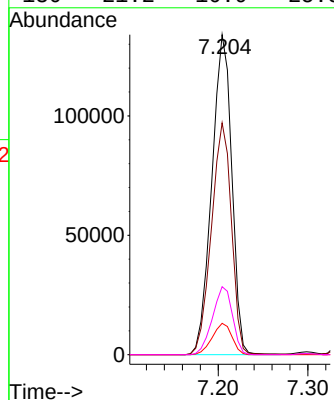
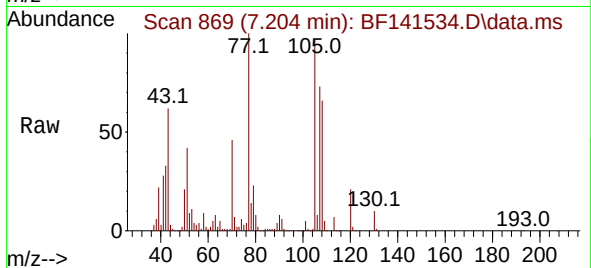


#19
n-Nitroso-di-n-propylamine
Concen: 44.765 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.011 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
PB166619BSD

Tgt Ion: 70 Resp: 207232

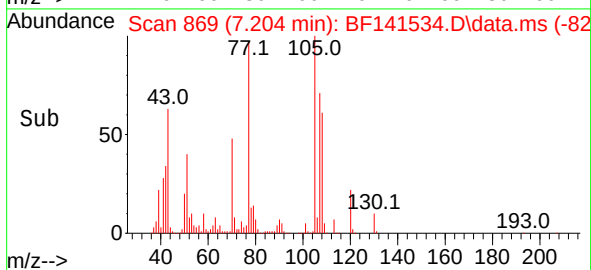
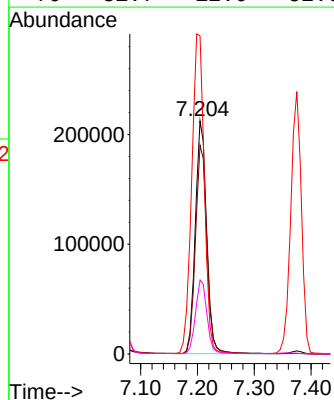
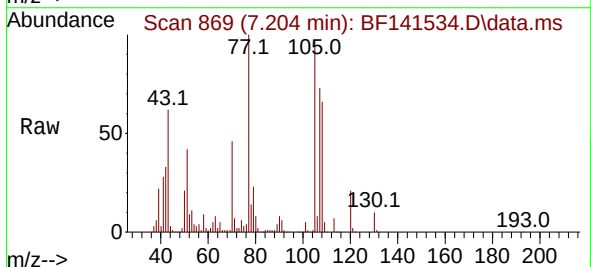
Ion	Ratio	Lower	Upper
70	100		
42	72.4	57.4	86.2
101	9.8	8.0	12.0
130	21.2	16.9	25.3

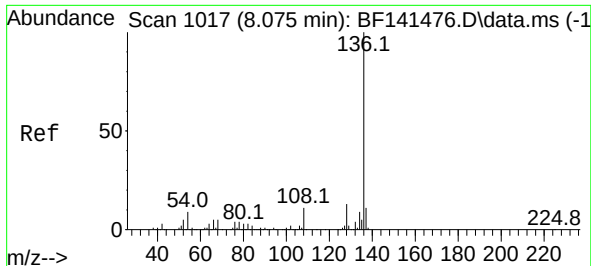


#20
3+4-Methylphenols
Concen: 44.786 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.011 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion: 107 Resp: 294698

Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.5	108.5
77	136.6	116.5	156.5
79	31.7	12.0	52.0

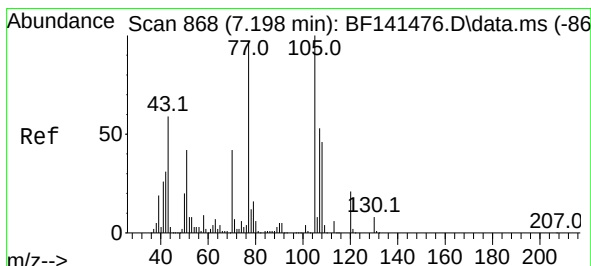
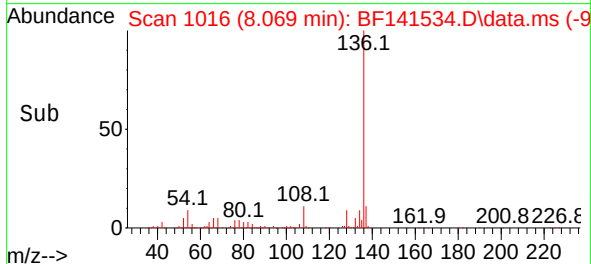
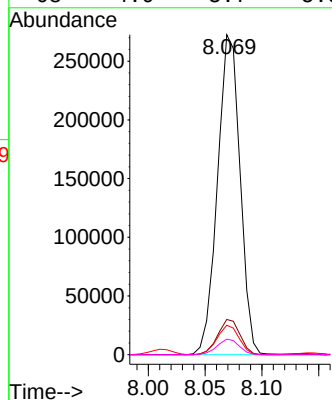
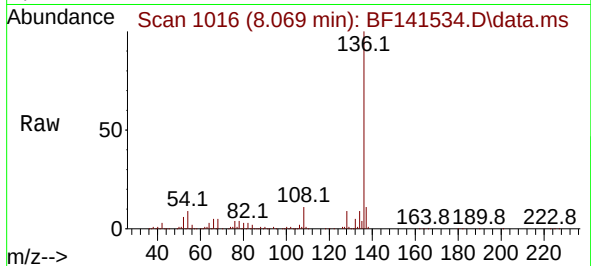




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

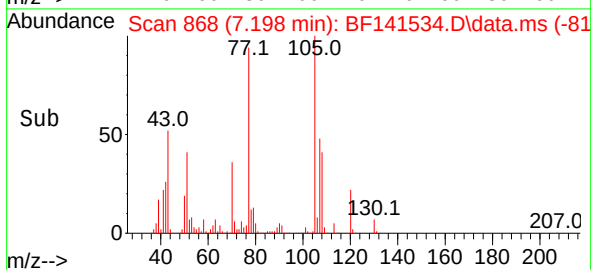
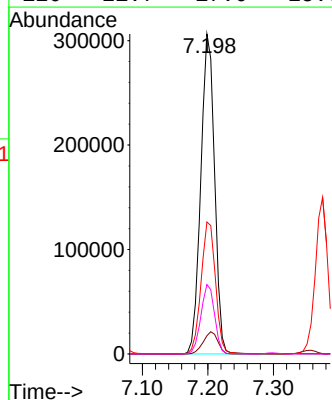
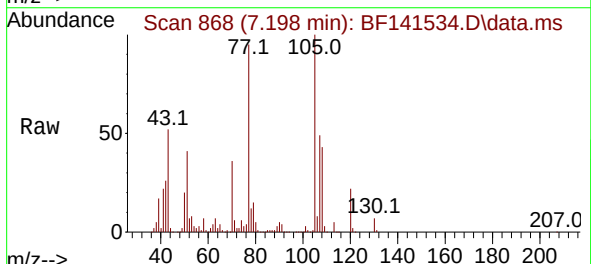
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

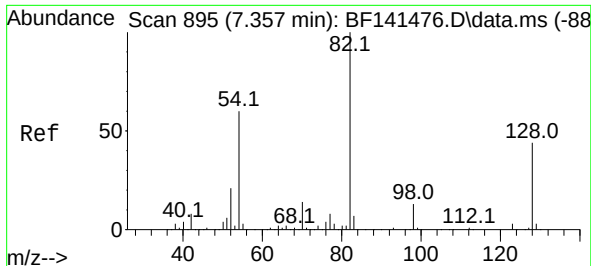
Tgt Ion:136 Resp: 377178
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.2 10.8
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 47.959 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.011 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:105 Resp: 449976
Ion Ratio Lower Upper
105 100
71 5.7 5.7 8.5
51 41.3 33.7 50.5
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 94.893 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

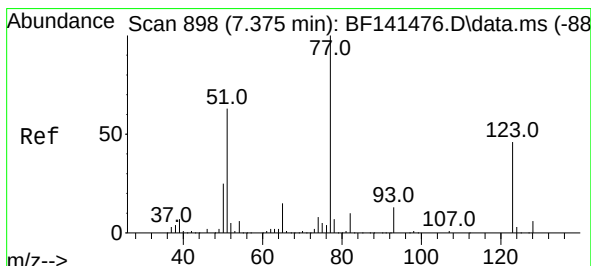
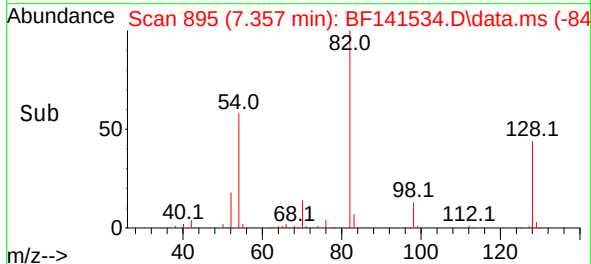
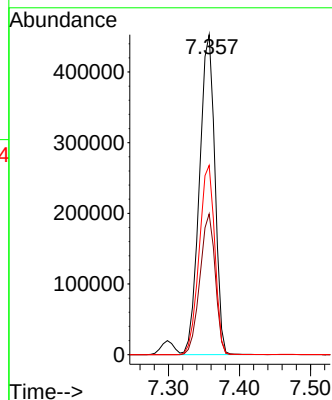
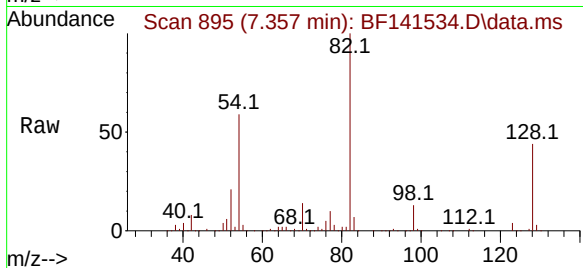
Tgt Ion: 82 Resp: 686210

Ion Ratio Lower Upper

82 100

128 44.0 34.8 52.2

54 59.1 48.2 72.4



#24

Nitrobenzene

Concen: 44.014 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

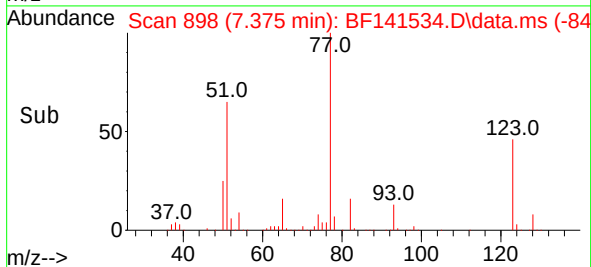
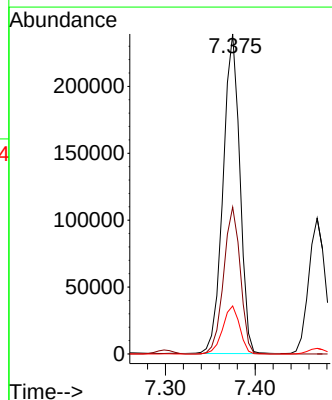
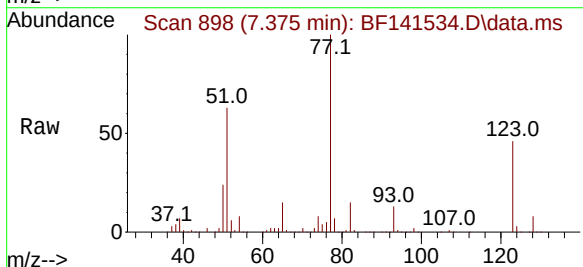
Tgt Ion: 77 Resp: 310367

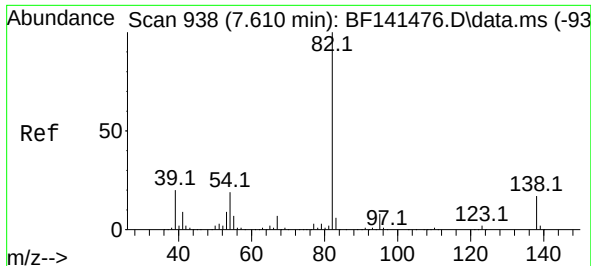
Ion Ratio Lower Upper

77 100

123 45.9 36.9 55.3

65 15.0 11.9 17.9

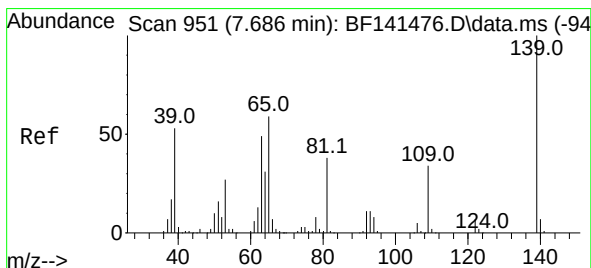
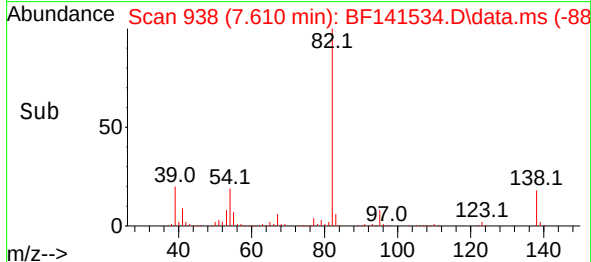
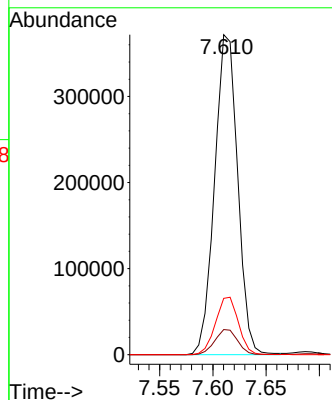
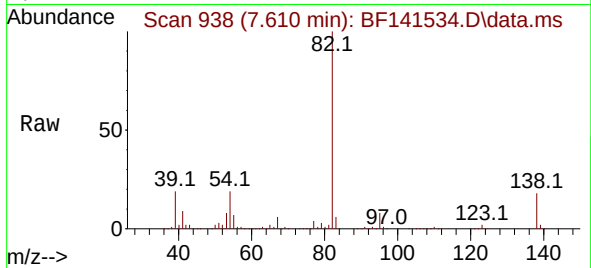




#25
Isophorone
Concen: 48.529 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

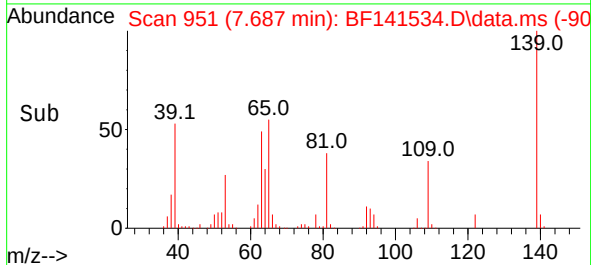
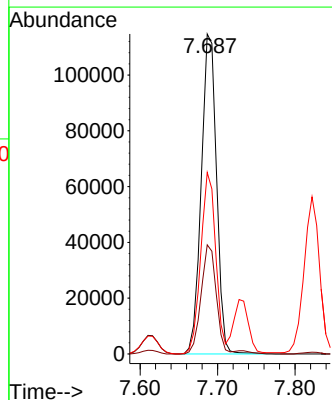
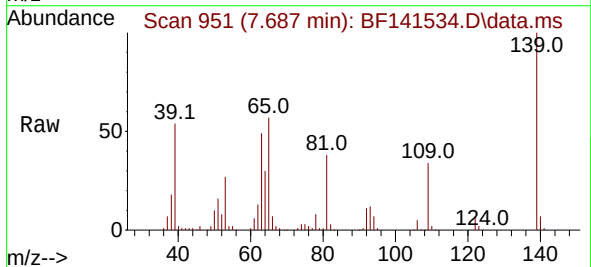
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

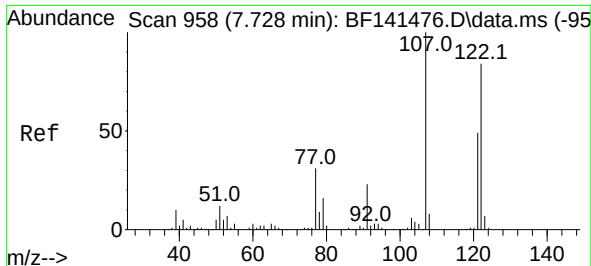
Tgt Ion: 82 Resp: 559554
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.6 13.9 20.9



#26
2-Nitrophenol
Concen: 44.768 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:139 Resp: 157059
Ion Ratio Lower Upper
139 100
109 34.1 27.0 40.6
65 56.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 57.582 ng

RT: 7.734 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

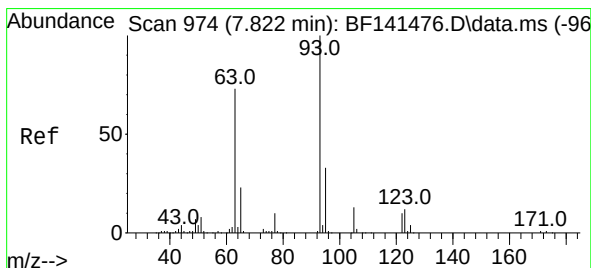
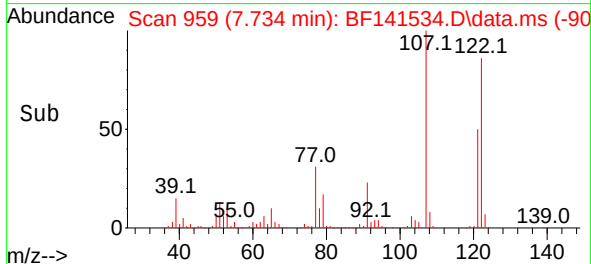
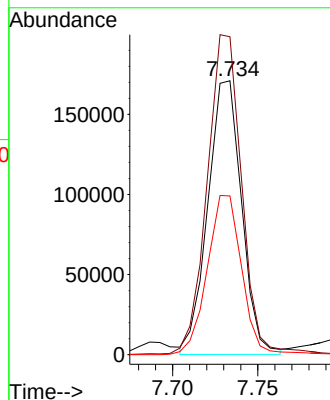
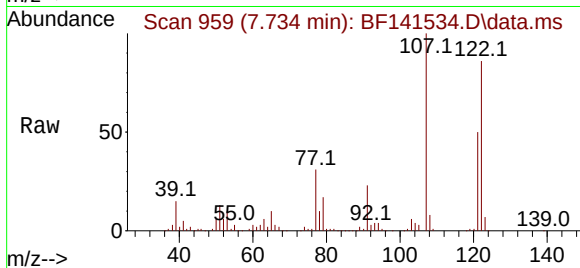
Tgt Ion:122 Resp: 235994

Ion Ratio Lower Upper

122 100

107 116.0 94.3 141.5

121 58.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.712 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

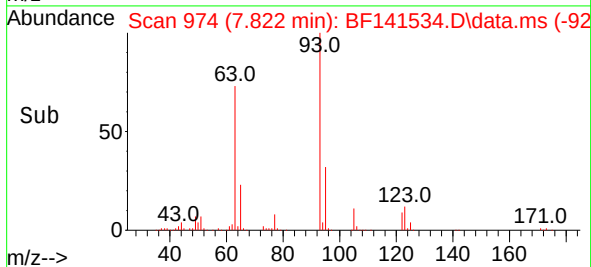
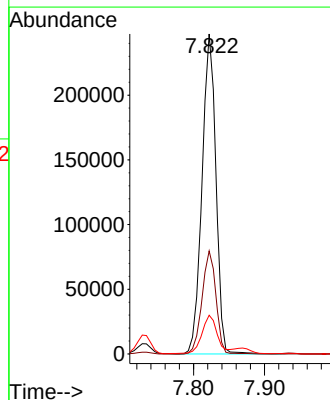
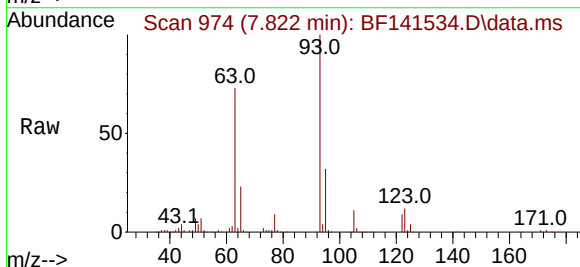
Tgt Ion: 93 Resp: 337735

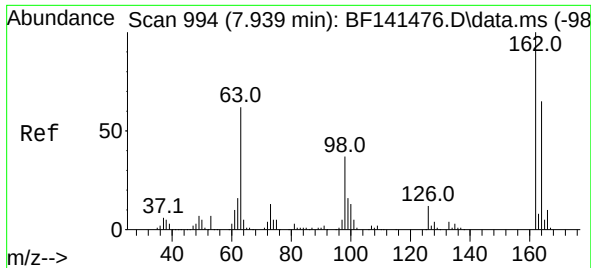
Ion Ratio Lower Upper

93 100

95 32.2 26.1 39.1

123 12.1 9.5 14.3

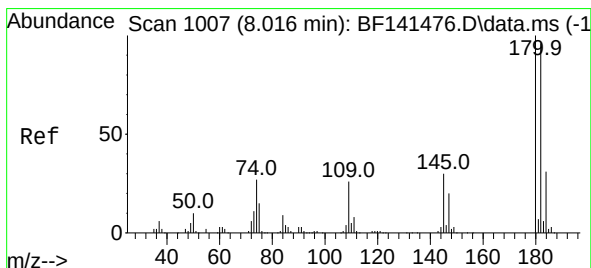
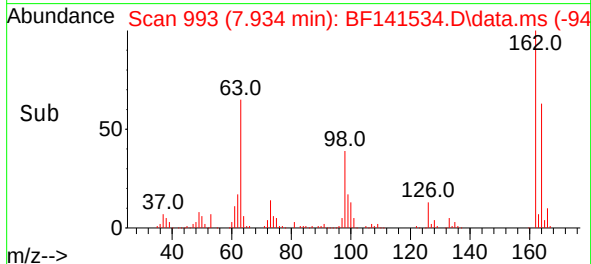
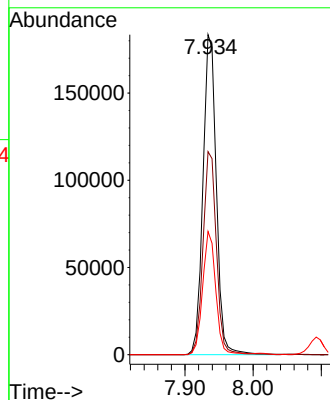
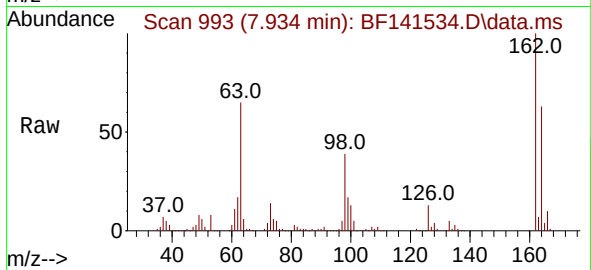




#29
2,4-Dichlorophenol
Concen: 45.253 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

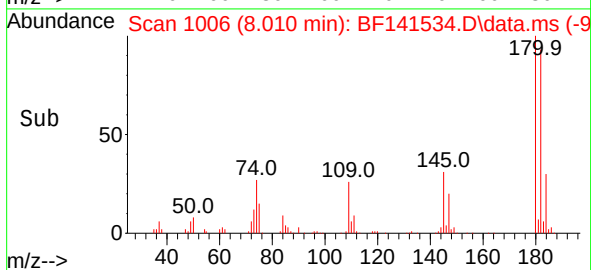
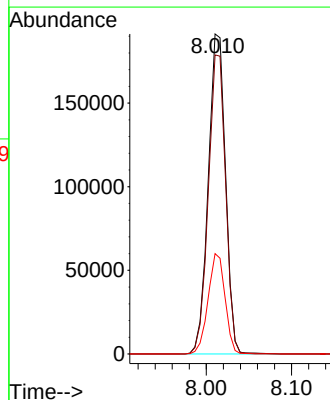
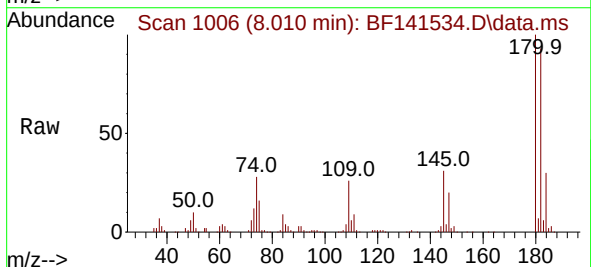
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

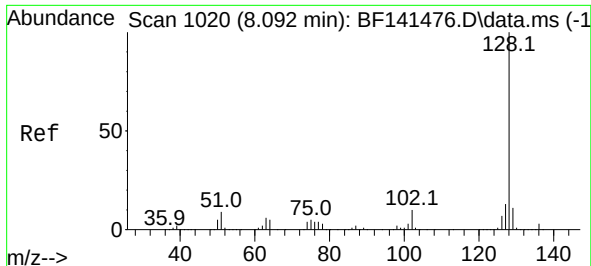
Tgt Ion:162 Resp: 250588
Ion Ratio Lower Upper
162 100
164 63.5 44.6 84.6
98 38.5 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 44.647 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:180 Resp: 269228
Ion Ratio Lower Upper
180 100
182 93.4 76.8 115.2
145 31.4 24.2 36.4

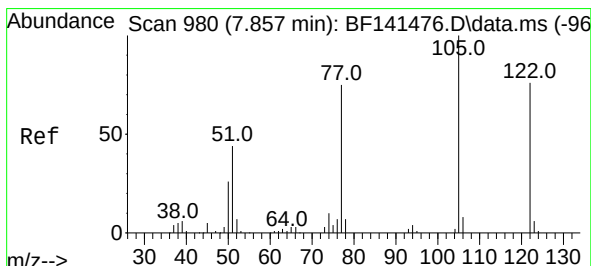
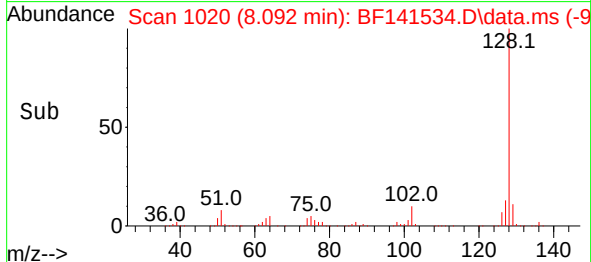
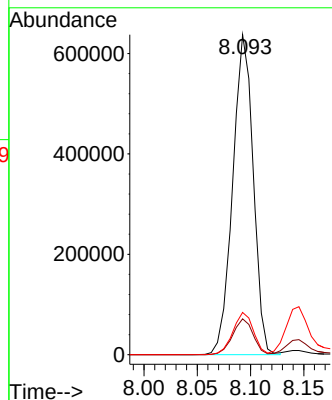
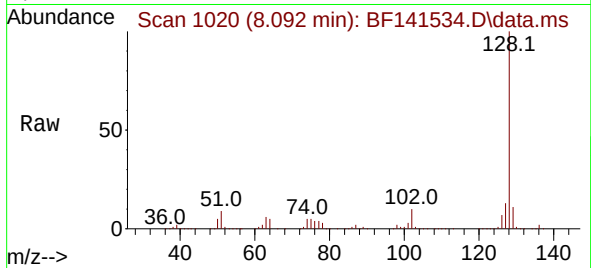




#31
Naphthalene
Concen: 43.623 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

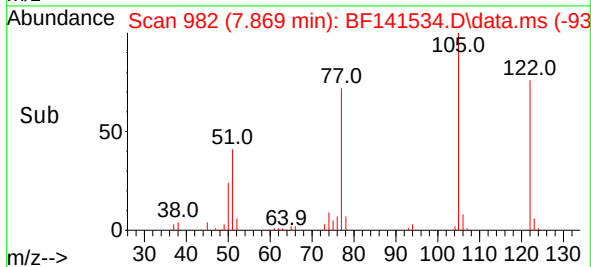
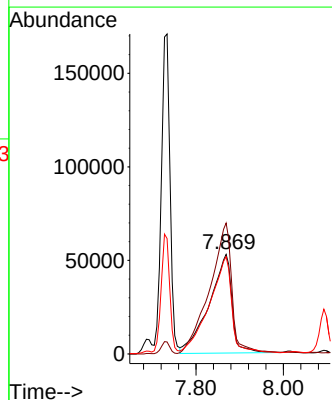
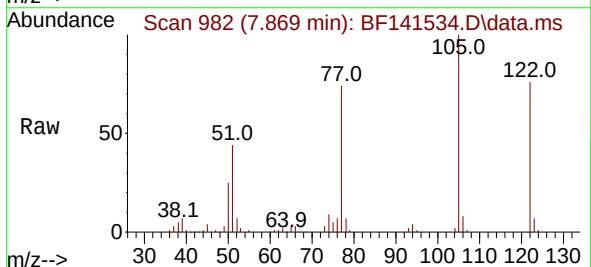
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

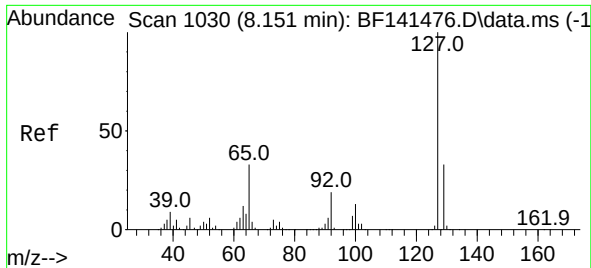
Tgt Ion:128 Resp: 856478
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 45.018 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:122 Resp: 191645
Ion Ratio Lower Upper
122 100
105 131.5 106.5 146.5
77 97.7 76.3 116.3





#33

4-Chloroaniline

Concen: 23.602 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

Tgt Ion:127 Resp: 161790

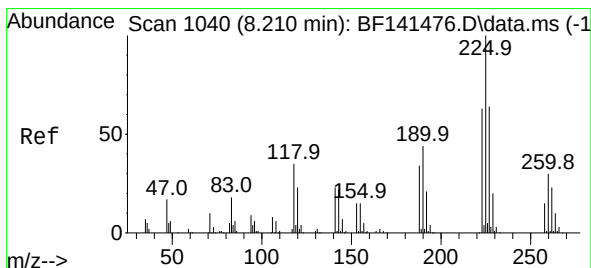
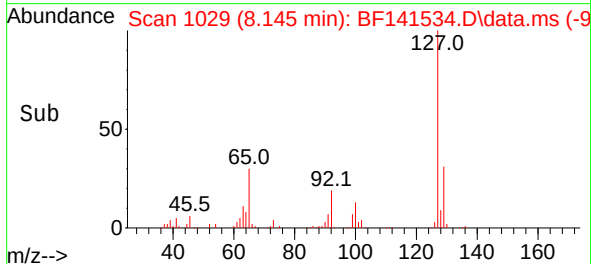
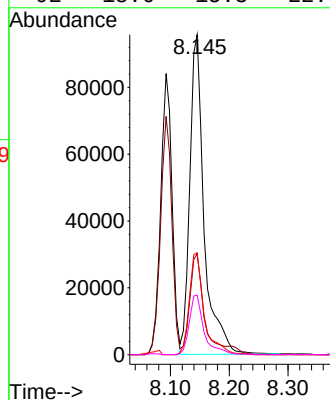
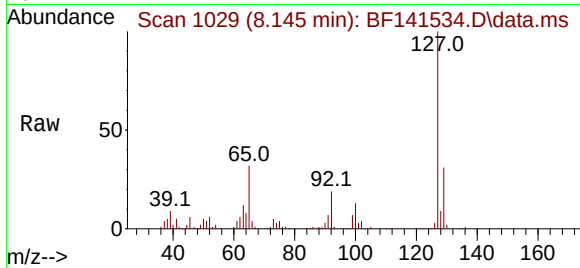
Ion Ratio Lower Upper

127 100

129 31.5 26.5 39.7

65 31.9 26.4 39.6

92 18.6 15.3 22.9



#34

Hexachlorobutadiene

Concen: 45.761 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

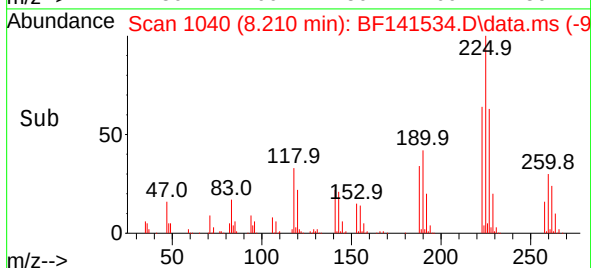
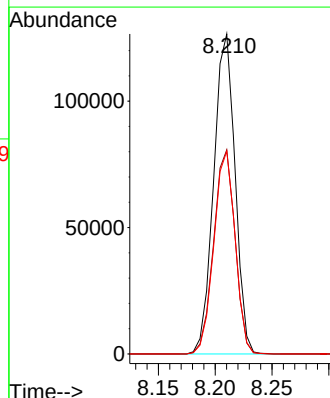
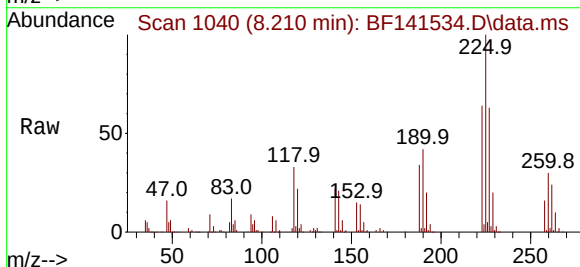
Tgt Ion:225 Resp: 165663

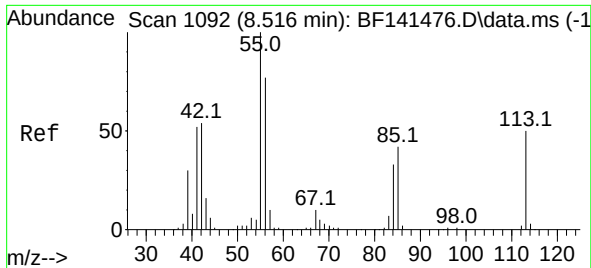
Ion Ratio Lower Upper

225 100

223 63.8 50.1 75.1

227 63.4 51.0 76.6

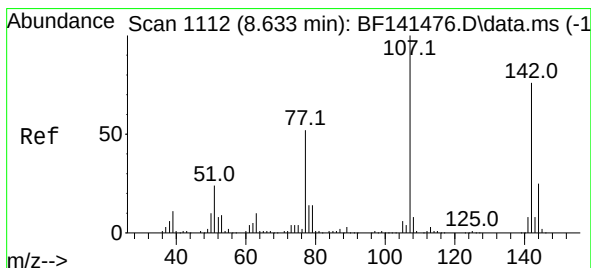
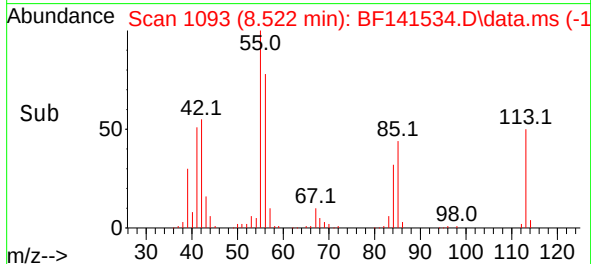
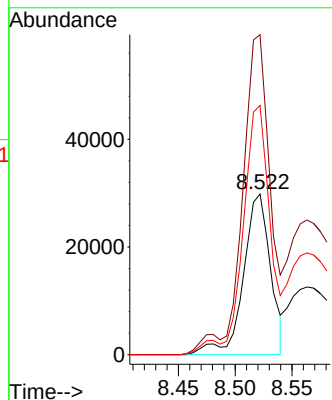
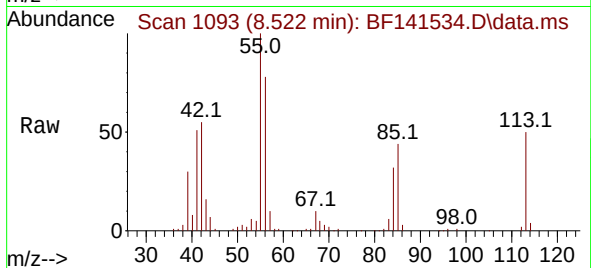




#35
Caprolactam
Concen: 29.402 ng
RT: 8.522 min Scan# 1109
Delta R.T. -0.023 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

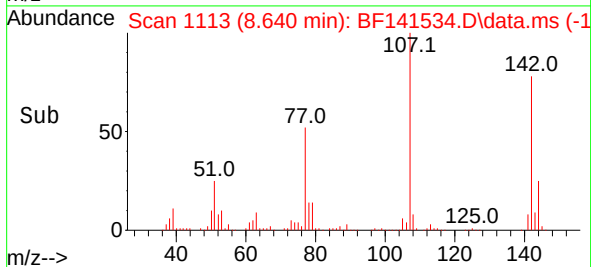
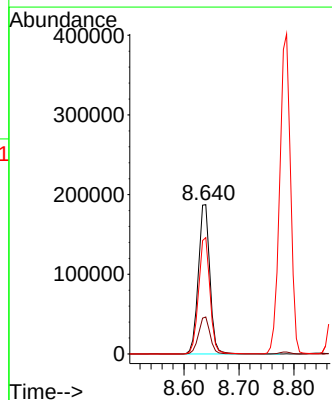
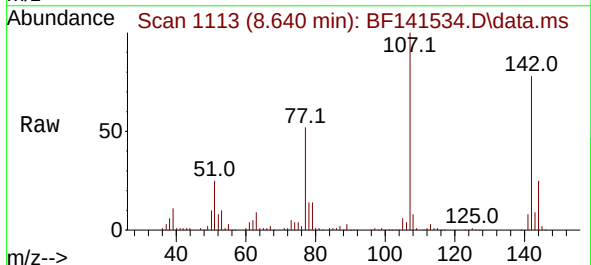
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

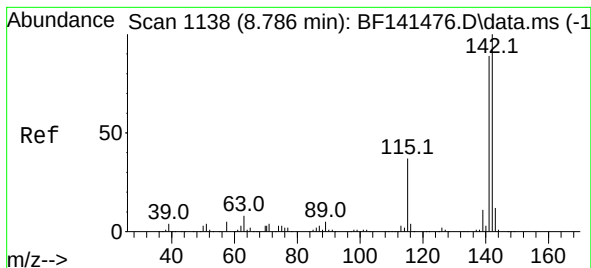
Tgt Ion:113 Resp: 49572
Ion Ratio Lower Upper
113 100
55 198.9 180.8 220.8
56 155.0 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 44.646 ng
RT: 8.640 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:107 Resp: 273858
Ion Ratio Lower Upper
107 100
144 24.7 19.7 29.5
142 77.9 60.8 91.2





#37

2-Methylnaphthalene

Concen: 42.872 ng

RT: 8.787 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

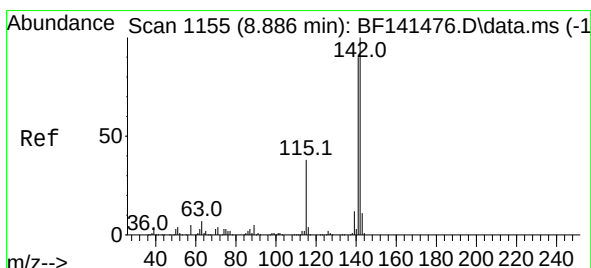
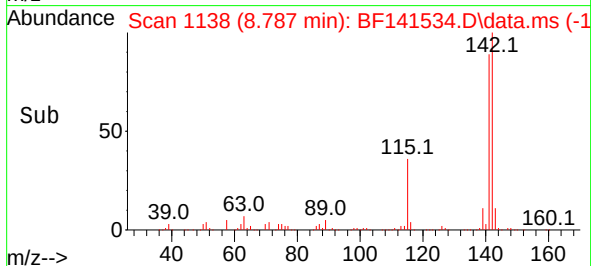
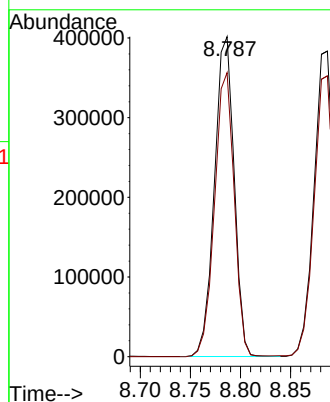
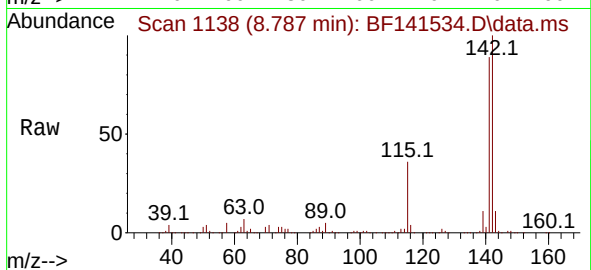
PB166619BSD

Tgt Ion:142 Resp: 547745

Ion Ratio Lower Upper

142 100

141 88.7 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.854 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF141534.D

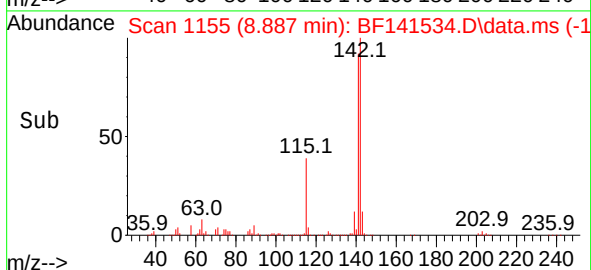
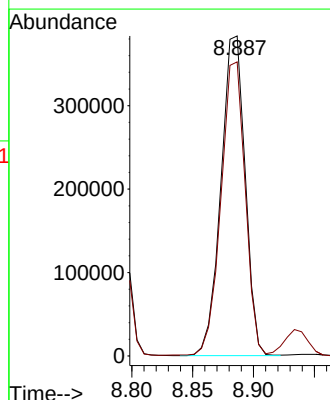
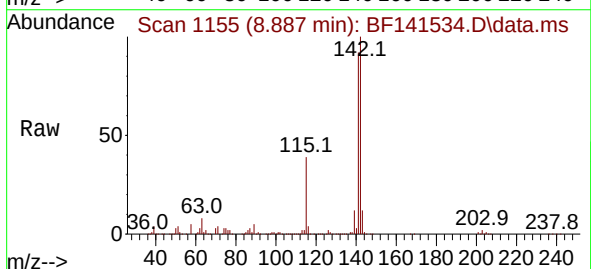
Acq: 10 Feb 2025 14:50

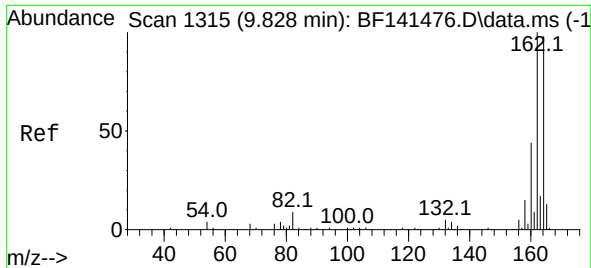
Tgt Ion:142 Resp: 530275

Ion Ratio Lower Upper

142 100

141 91.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

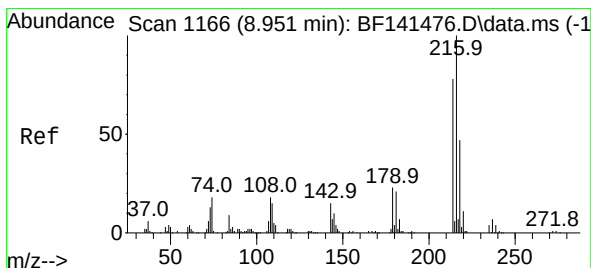
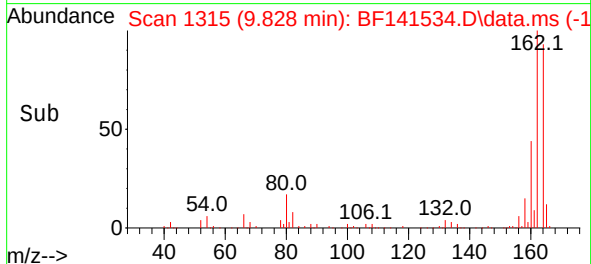
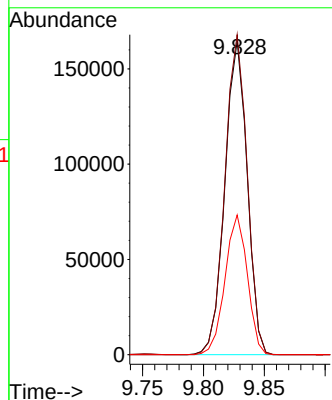
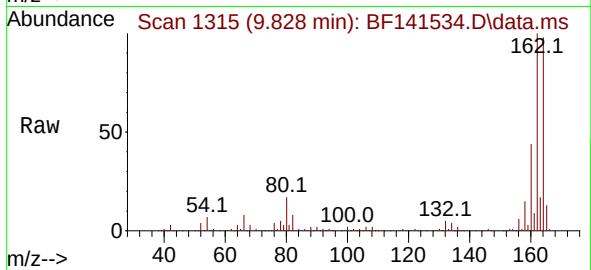
Tgt Ion:164 Resp: 209865

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

160 44.5 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.196 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Tgt Ion:216 Resp: 292629

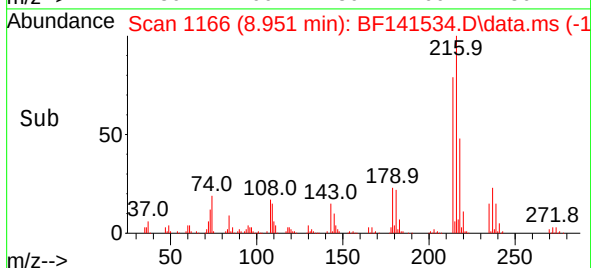
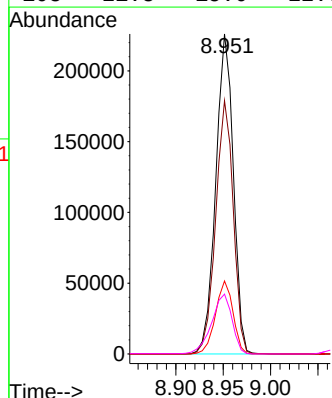
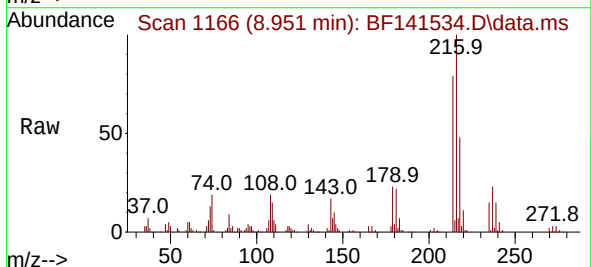
Ion Ratio Lower Upper

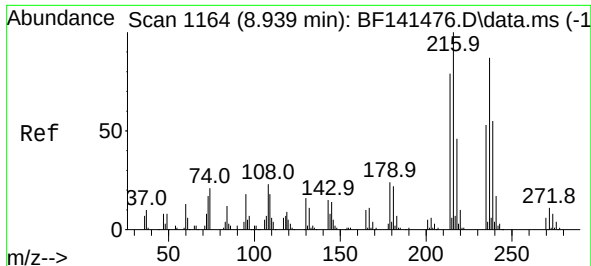
216 100

214 79.1 62.3 93.5

179 22.7 18.0 27.0

108 21.8 15.0 22.6

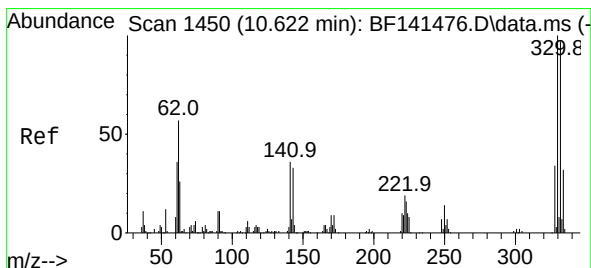
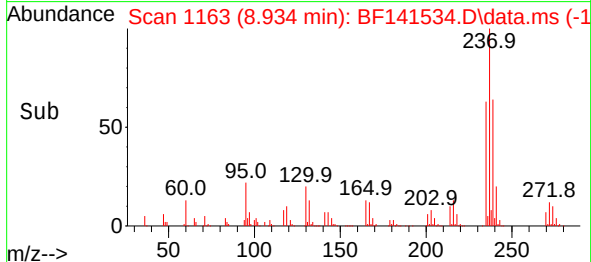
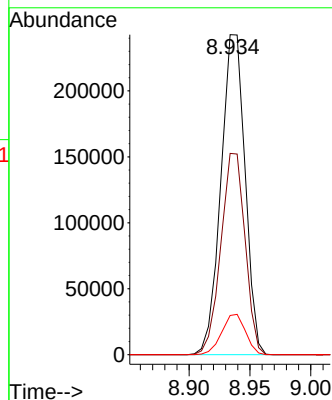
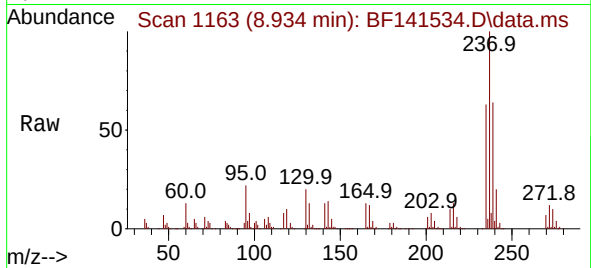




#41
 Hexachlorocyclopentadiene
 Concen: 166.293 ng
 RT: 8.934 min Scan# 1163
 Delta R.T. -0.006 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

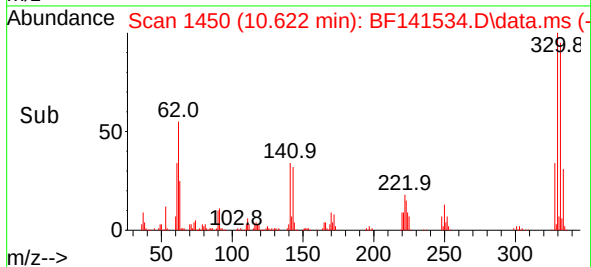
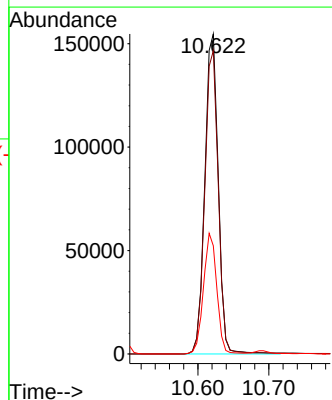
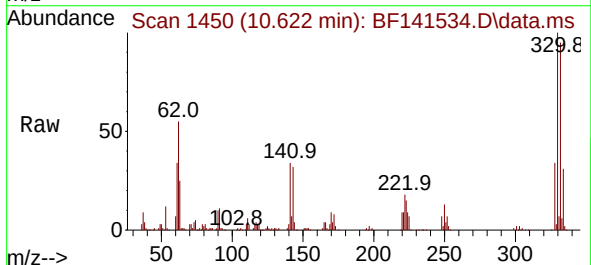
Instrument :
 BNA_F
 ClientSampleId :
 PB166619BSD

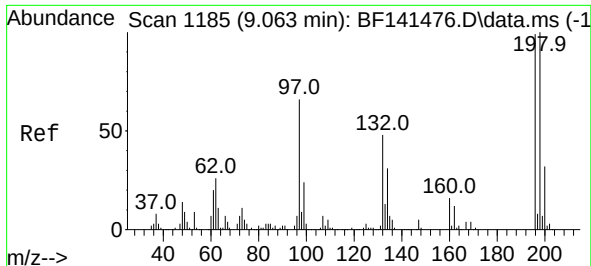
Tgt Ion:237 Resp: 335825
 Ion Ratio Lower Upper
 237 100
 235 62.9 41.4 81.4
 272 12.3 0.0 32.4



#42
 2,4,6-Tribromophenol
 Concen: 96.906 ng
 RT: 10.622 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

Tgt Ion:330 Resp: 204296
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.5 117.7
 141 37.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.639 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

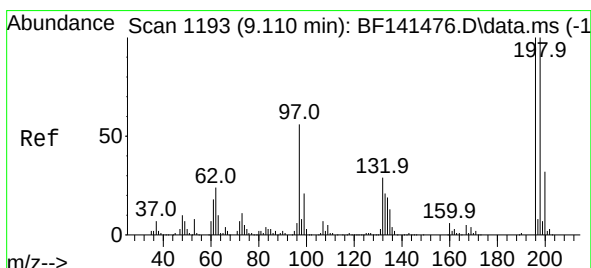
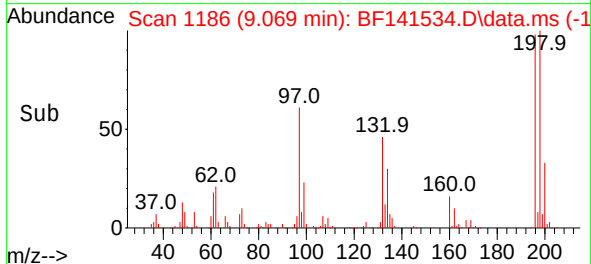
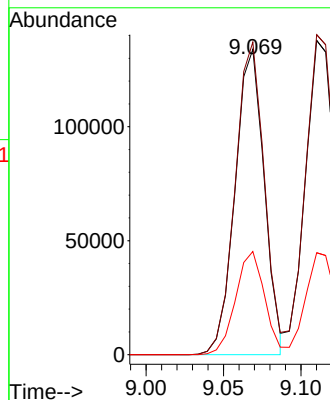
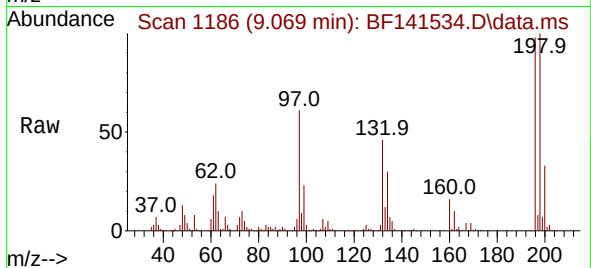
Tgt Ion:196 Resp: 175171

Ion Ratio Lower Upper

196 100

198 102.4 80.6 121.0

200 33.8 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.920 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Tgt Ion:196 Resp: 191040

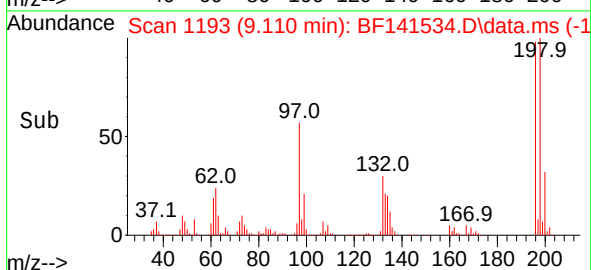
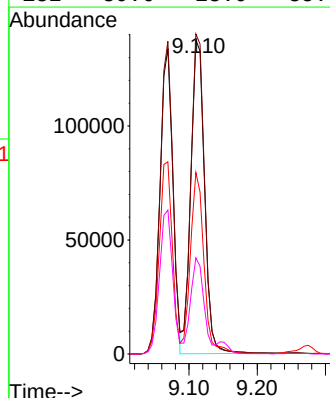
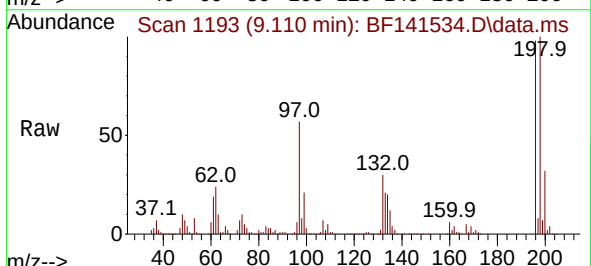
Ion Ratio Lower Upper

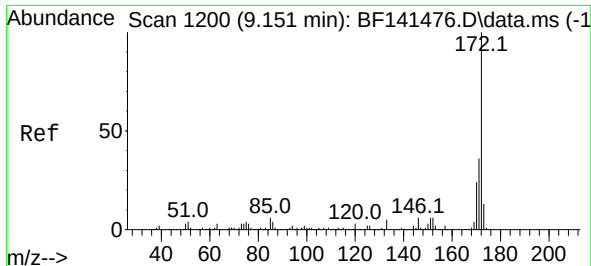
196 100

198 101.8 79.8 119.8

97 57.7 44.8 67.2

132 30.6 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 95.904 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

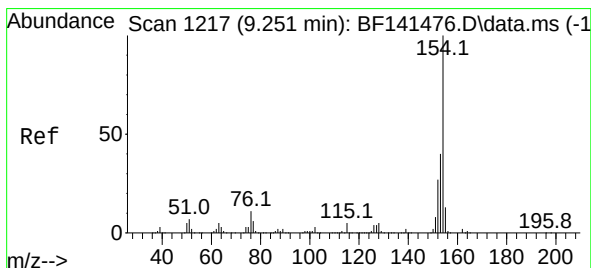
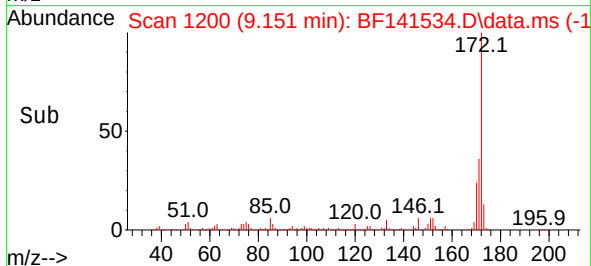
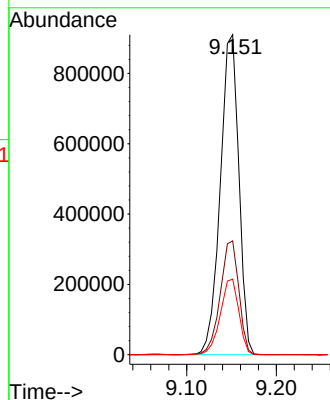
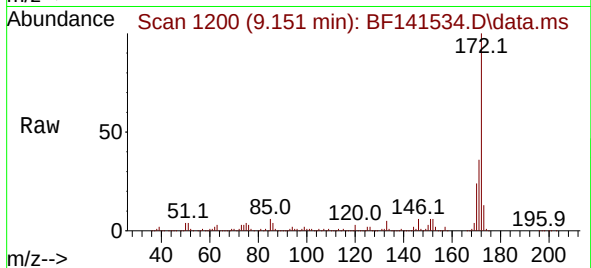
Tgt Ion:172 Resp: 1306396

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.541 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

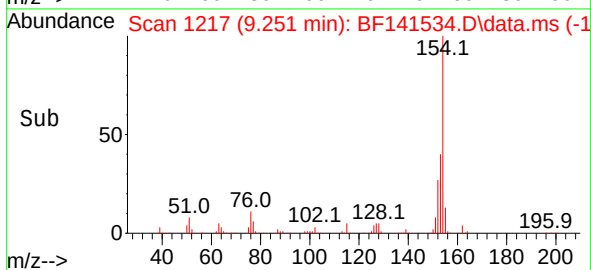
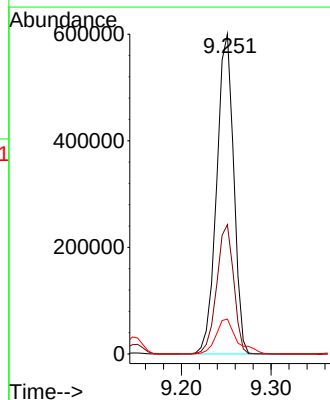
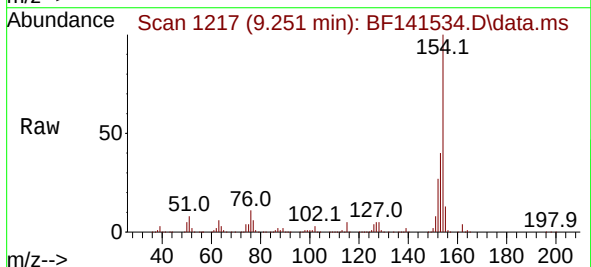
Tgt Ion:154 Resp: 789781

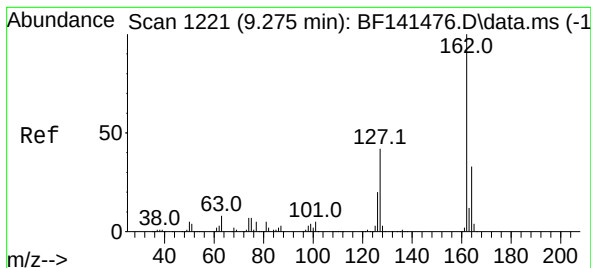
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.034 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

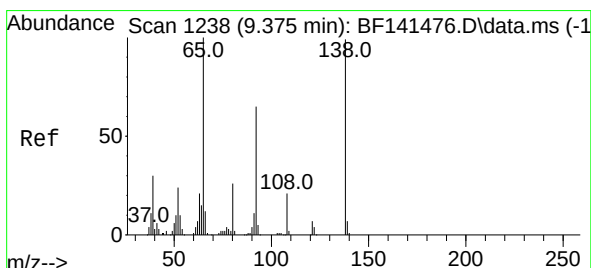
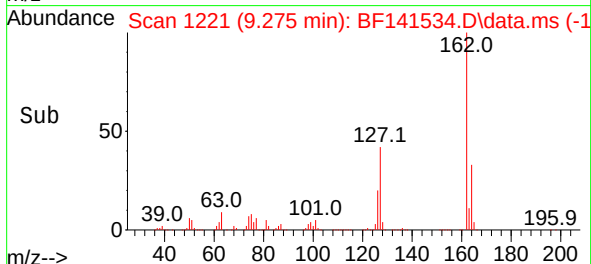
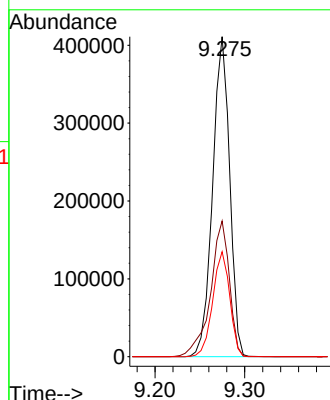
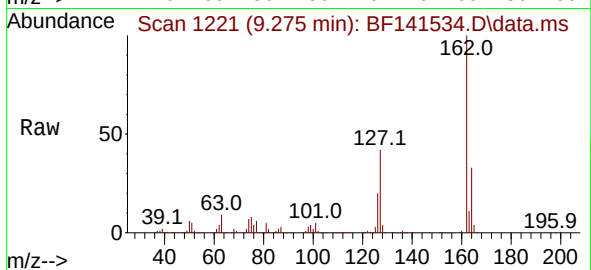
Tgt Ion:162 Resp: 541823

Ion Ratio Lower Upper

162 100

127 42.4 34.1 51.1

164 32.8 26.3 39.5



#48

2-Nitroaniline

Concen: 46.021 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

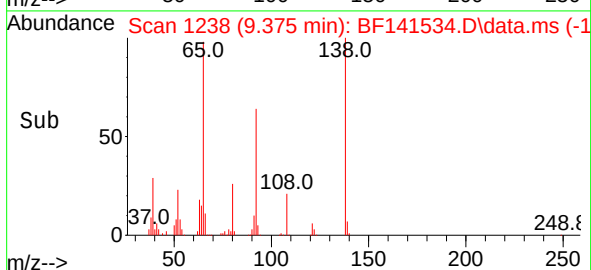
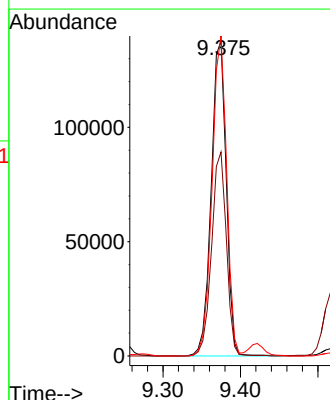
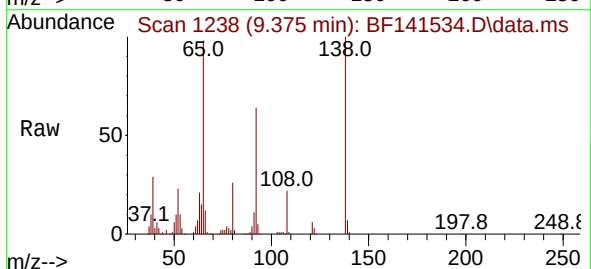
Tgt Ion: 65 Resp: 185825

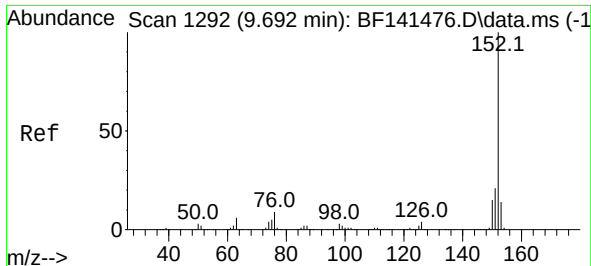
Ion Ratio Lower Upper

65 100

92 64.7 52.2 78.2

138 101.6 79.5 119.3





#49

Acenaphthylene

Concen: 46.950 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

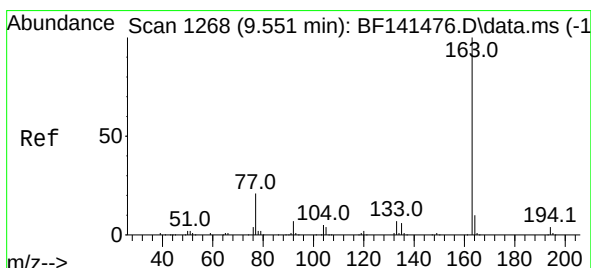
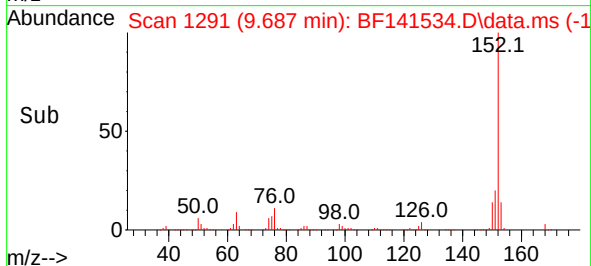
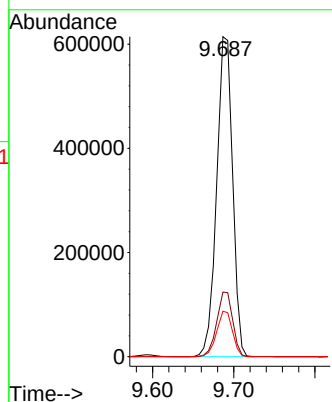
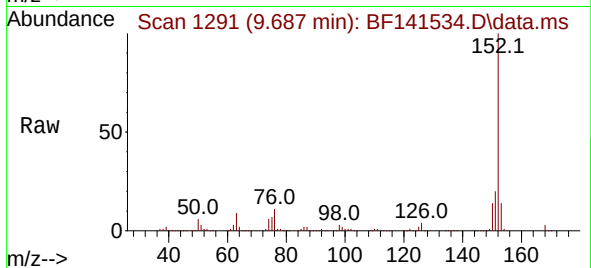
Tgt Ion:152 Resp: 840198

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.2 10.9 16.3



#50

Dimethylphthalate

Concen: 45.899 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

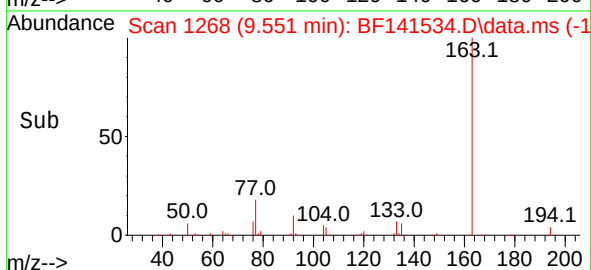
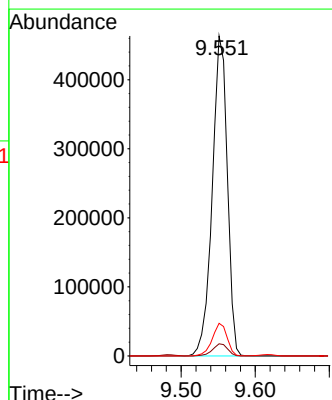
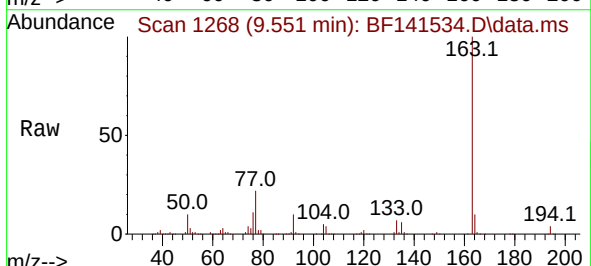
Tgt Ion:163 Resp: 653932

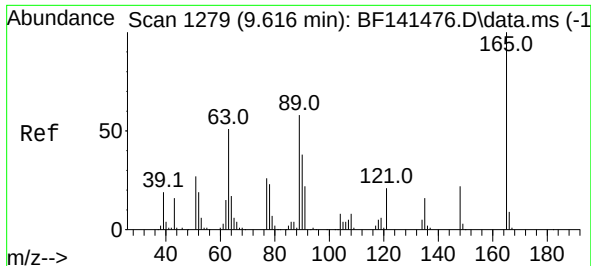
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.801 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

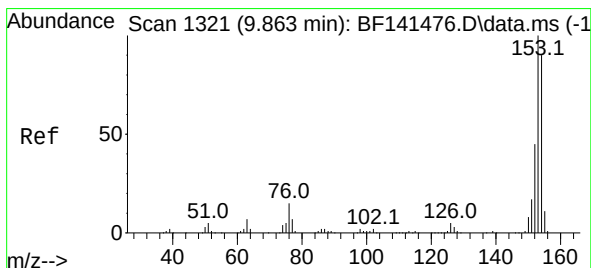
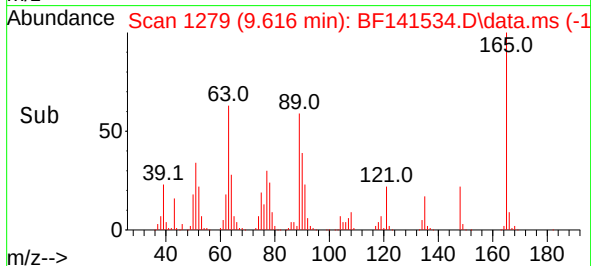
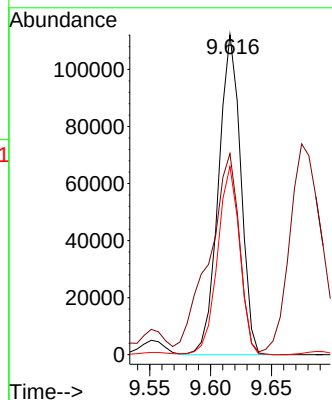
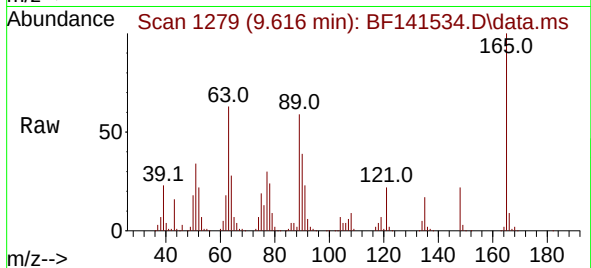
Tgt Ion:165 Resp: 142649

Ion Ratio Lower Upper

165 100

63 62.9 49.4 74.0

89 58.8 46.5 69.7



#52

Acenaphthene

Concen: 43.080 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

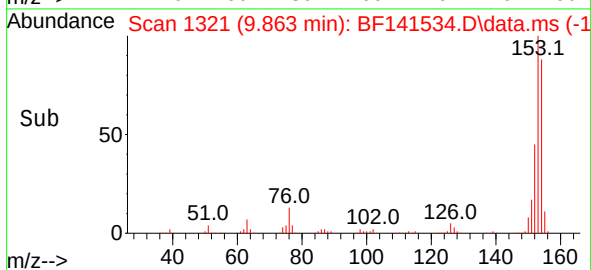
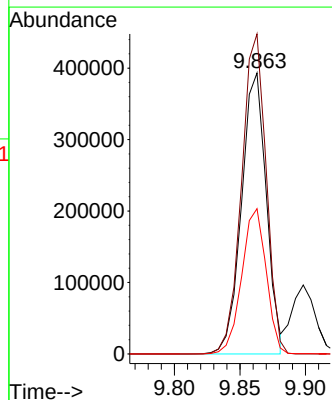
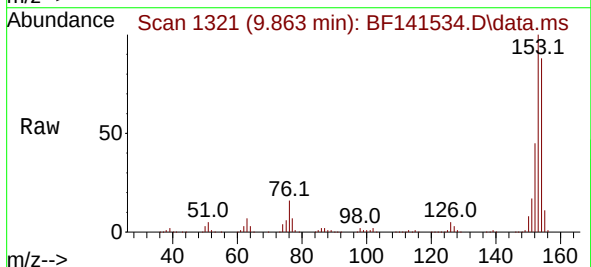
Tgt Ion:154 Resp: 518292

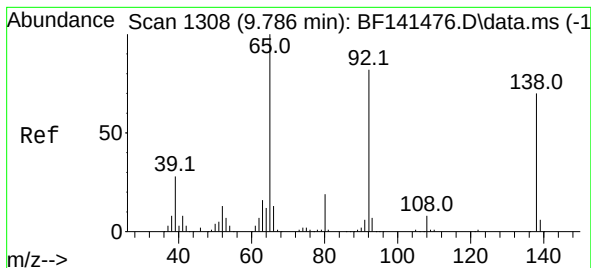
Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

152 51.7 39.8 59.8





#53

3-Nitroaniline

Concen: 28.454 ng

RT: 9.781 min Scan# 1307

Delta R.T. -0.011 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

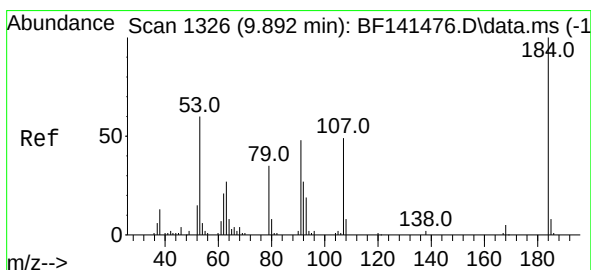
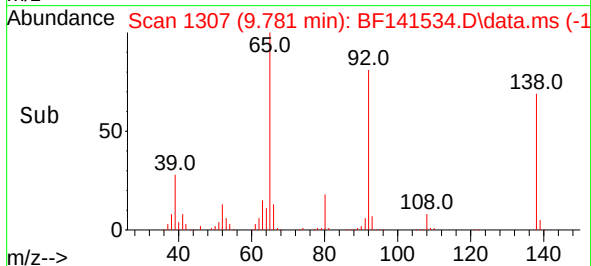
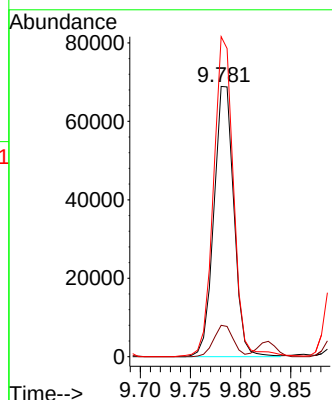
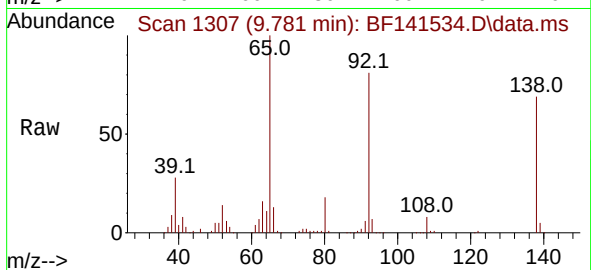
Tgt Ion:138 Resp: 95384

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 118.4 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 104.216 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

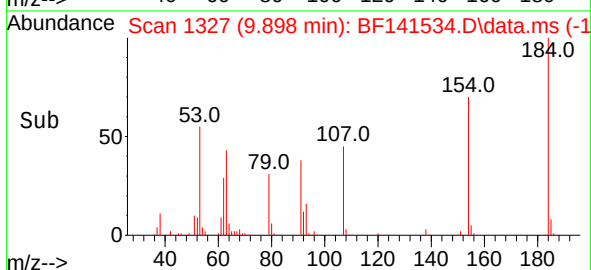
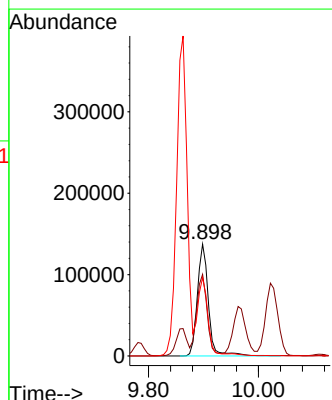
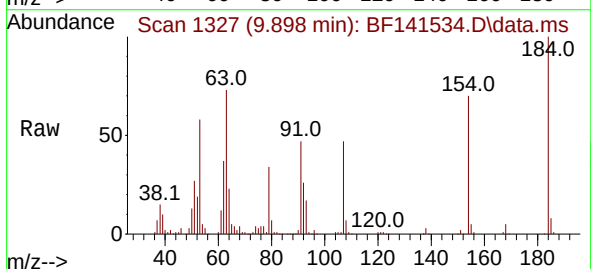
Tgt Ion:184 Resp: 192910

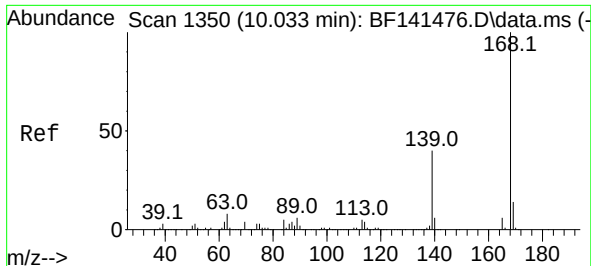
Ion Ratio Lower Upper

184 100

63 73.0 61.0 91.6

154 70.2 59.9 89.9

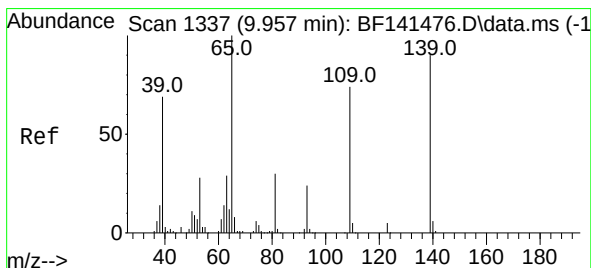
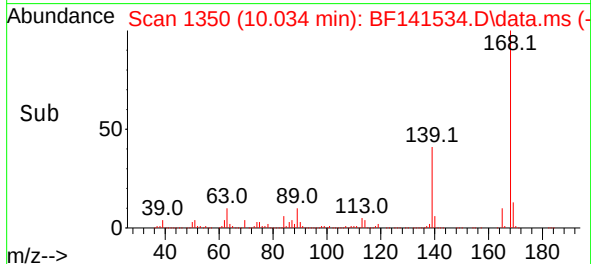
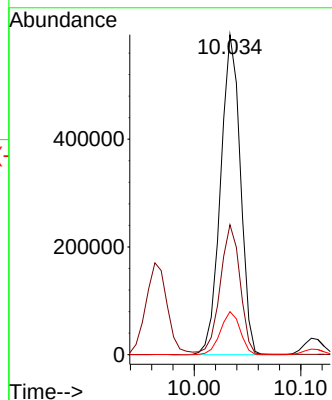
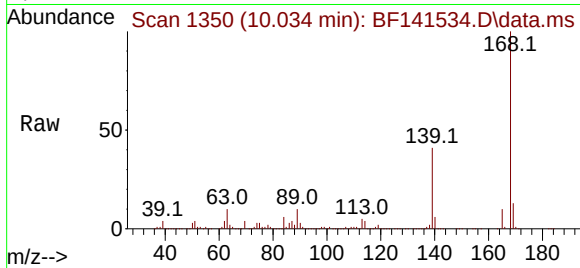




#55
Dibenzenofuran
Concen: 43.286 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

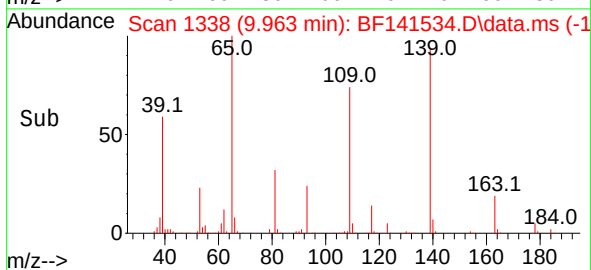
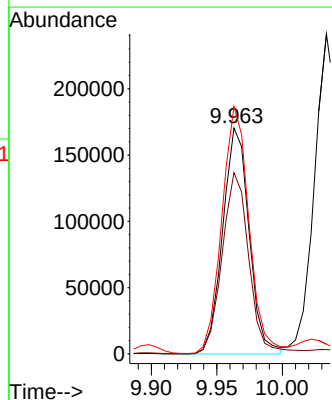
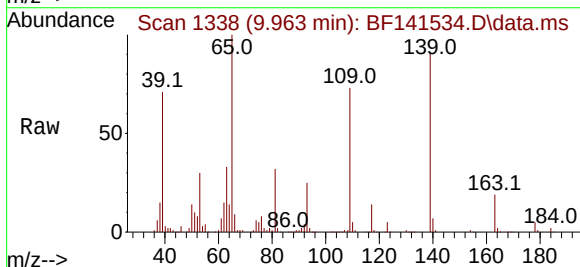
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

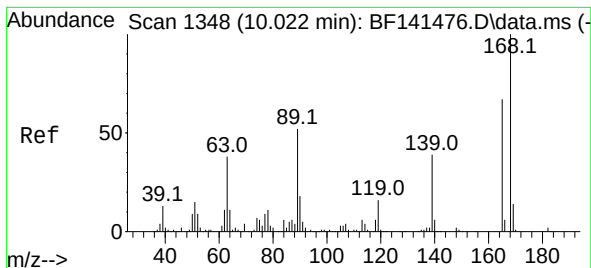
Tgt Ion:168 Resp: 764398
Ion Ratio Lower Upper
168 100
139 40.6 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 95.896 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:139 Resp: 238630
Ion Ratio Lower Upper
139 100
109 80.2 62.0 102.0
65 109.5 91.2 131.2

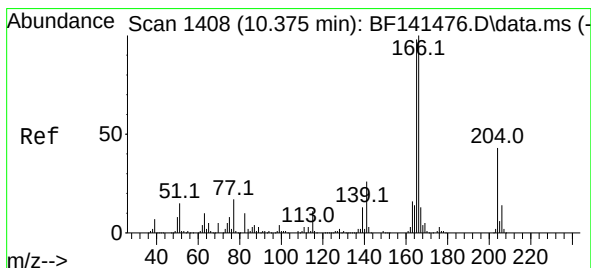
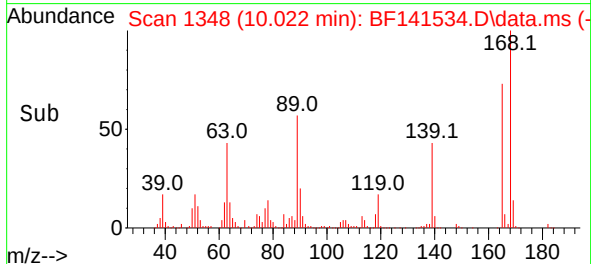
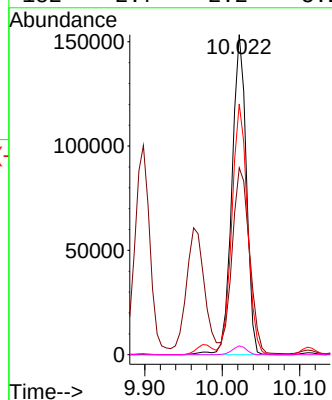
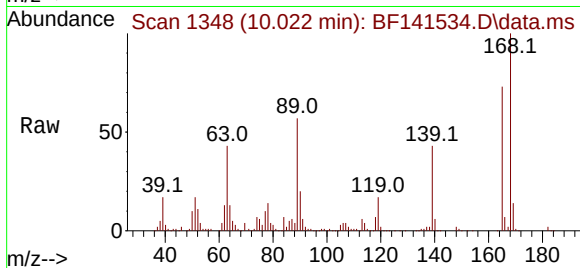




#57
2,4-Dinitrotoluene
Concen: 47.981 ng
RT: 10.022 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

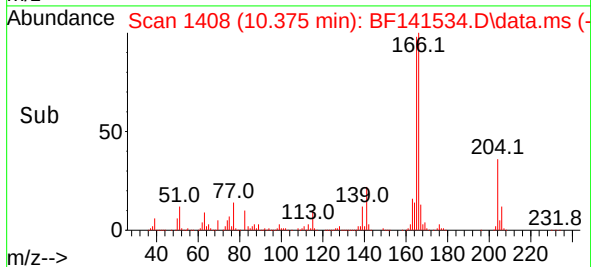
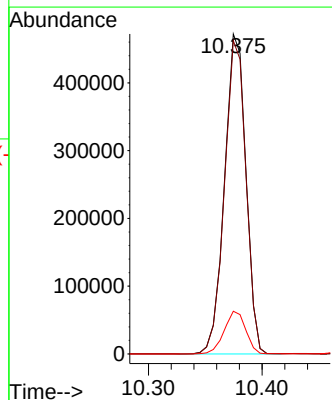
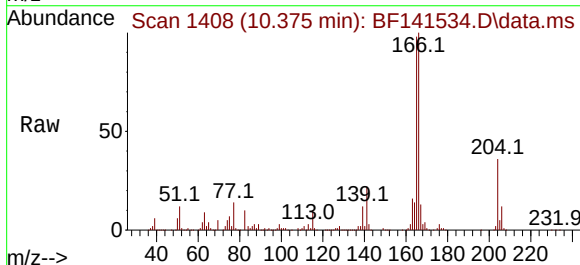
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

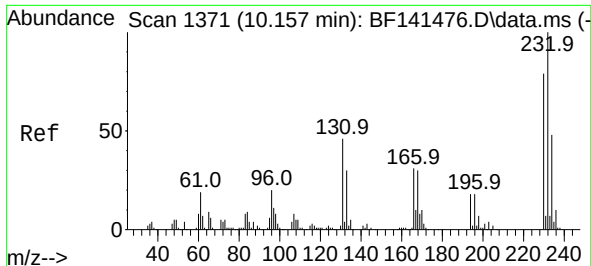
Tgt Ion:165 Resp: 198937
Ion Ratio Lower Upper
165 100
63 58.4 46.4 69.6
89 78.4 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.306 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:166 Resp: 618620
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.3 10.7 16.1

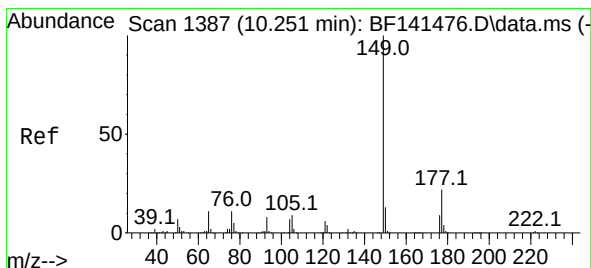
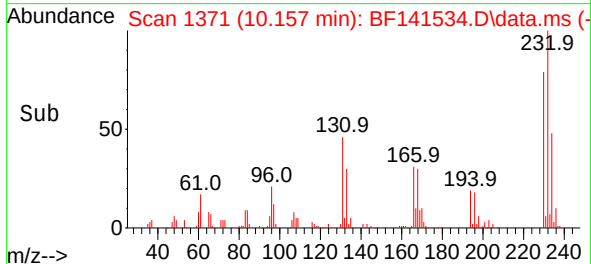
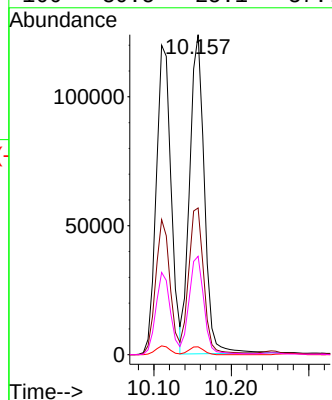
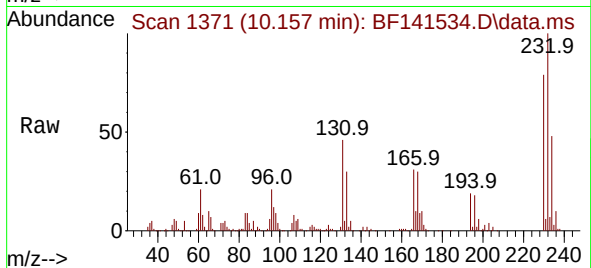




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.501 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

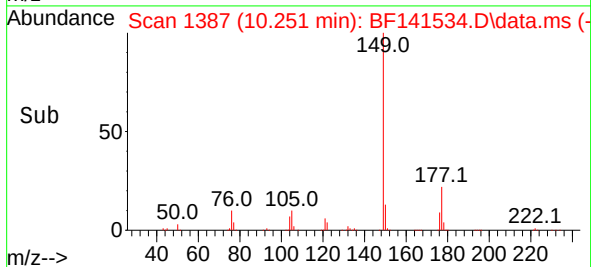
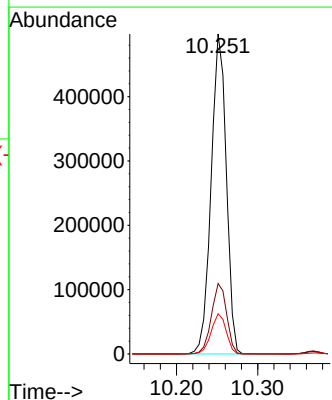
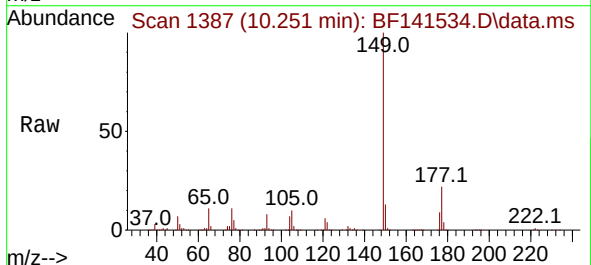
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

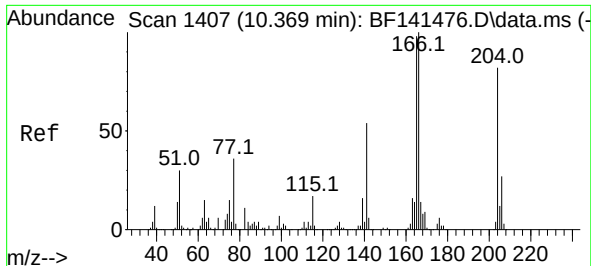
Tgt Ion:232 Resp: 162941
Ion Ratio Lower Upper
232 100
131 47.2 39.2 58.8
130 2.5 2.1 3.1
166 30.5 25.1 37.7



#60
Diethylphthalate
Concen: 45.949 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:149 Resp: 644091
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.5 10.1 15.1

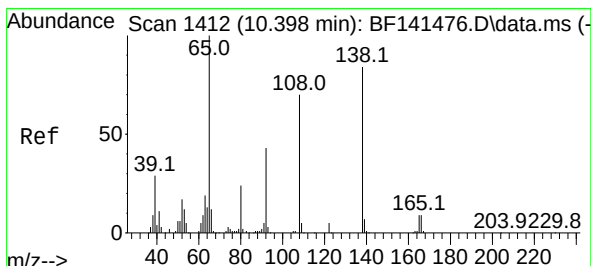
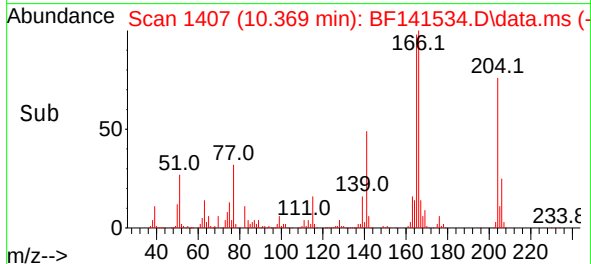
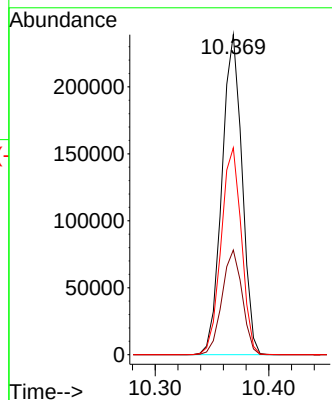
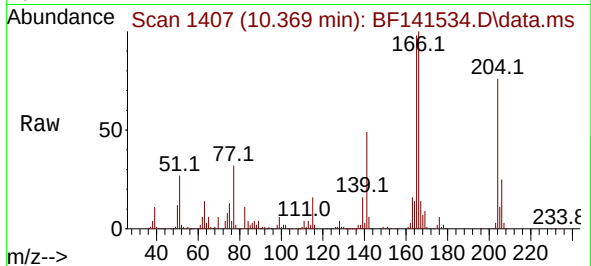




#61
4-Chlorophenyl-phenylether
Concen: 44.802 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

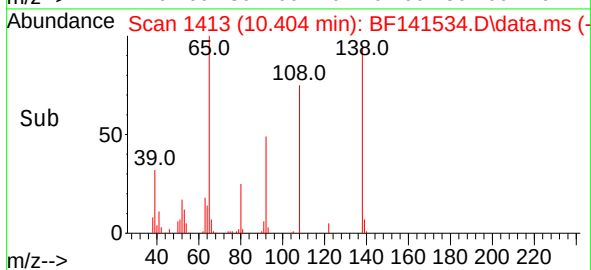
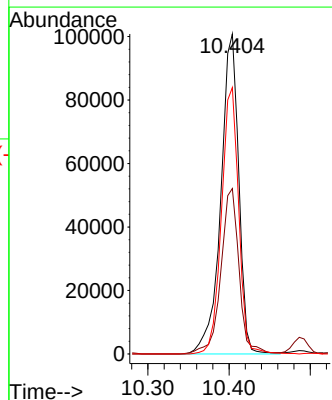
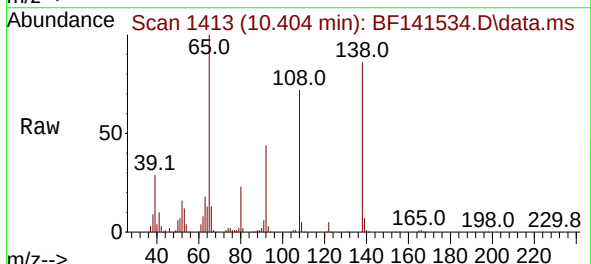
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

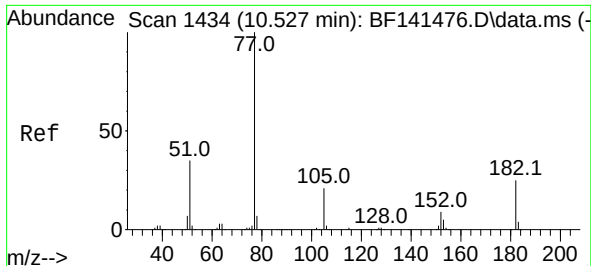
Tgt Ion:204 Resp: 294294
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 64.6 51.9 77.9



#62
4-Nitroaniline
Concen: 45.585 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:138 Resp: 155164
Ion Ratio Lower Upper
138 100
92 51.7 31.3 71.3
108 83.3 63.7 103.7



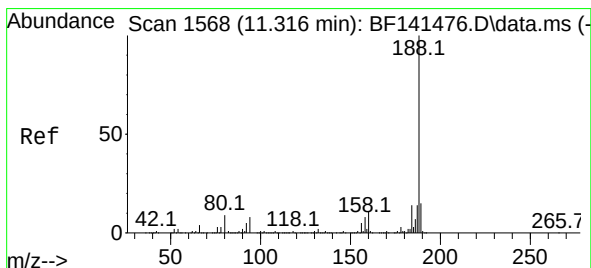
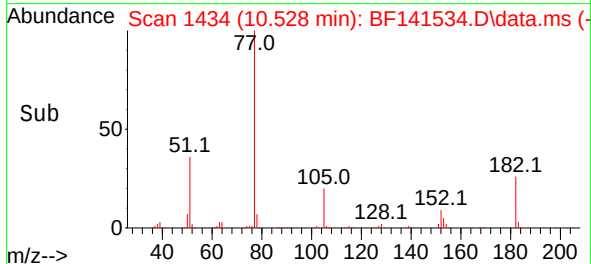
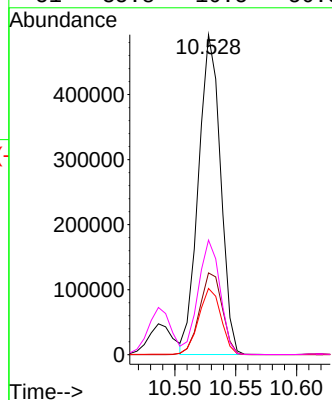
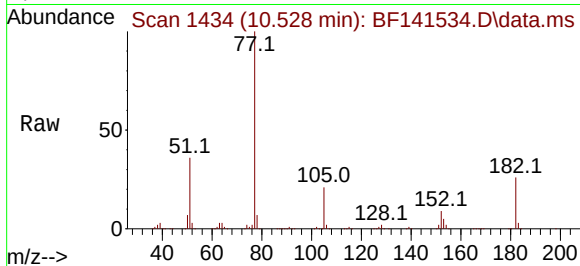


#63
Azobenzene
Concen: 44.588 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Instrument :
BNA_F
ClientSampleId :
PB166619BSD

Tgt Ion: 77 Resp: 621343

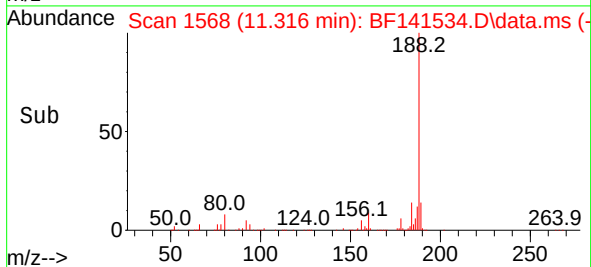
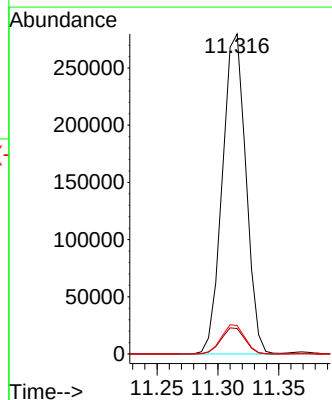
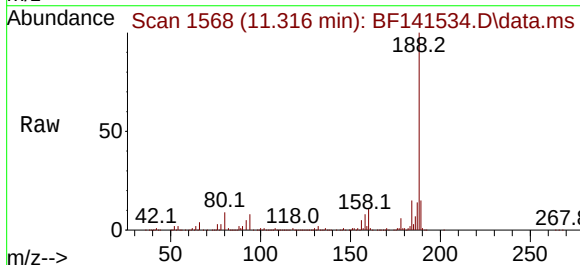
Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.7	44.7
105	20.7	0.4	40.4
51	35.8	16.5	56.5

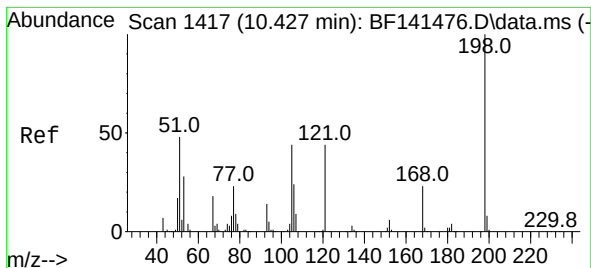


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion: 188 Resp: 377001

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.9	7.3	10.9

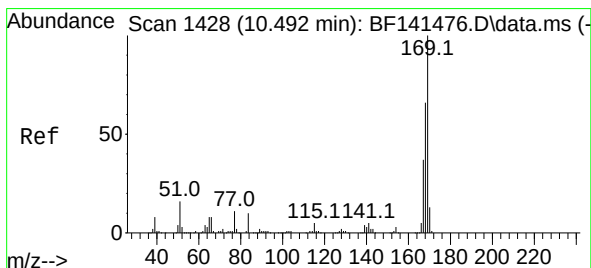
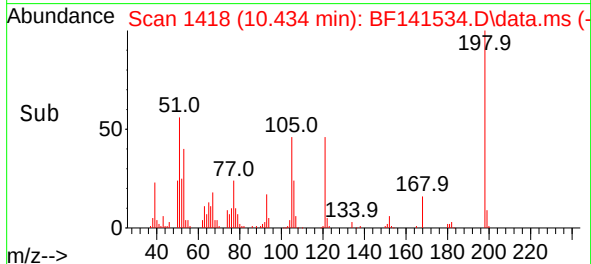
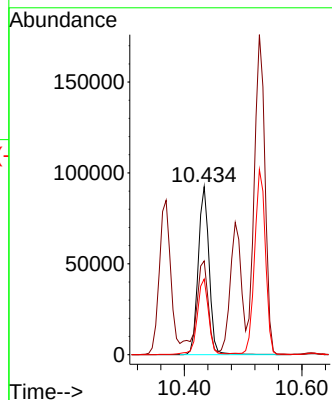
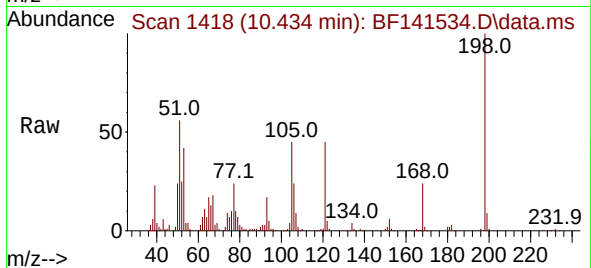




#65
4,6-Dinitro-2-methylphenol
Concen: 45.360 ng
RT: 10.434 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

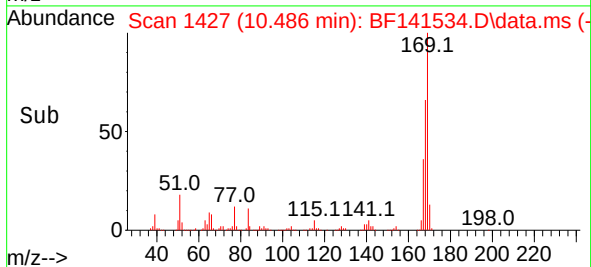
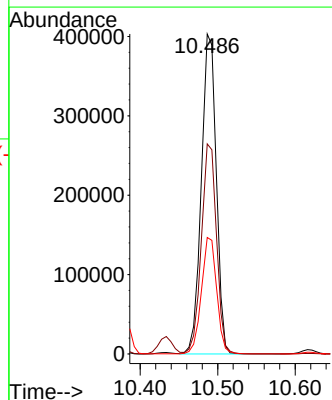
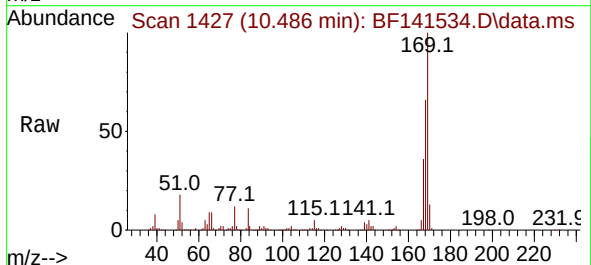
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

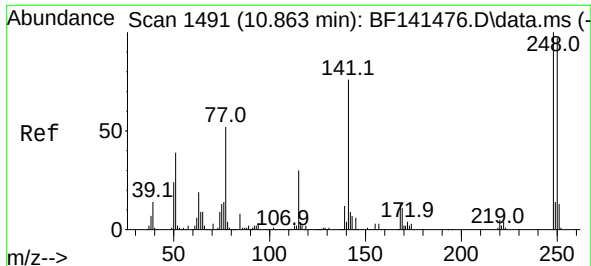
Tgt Ion:198 Resp: 118791
Ion Ratio Lower Upper
198 100
51 55.8 37.4 77.4
105 45.1 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 44.712 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:169 Resp: 539587
Ion Ratio Lower Upper
169 100
168 65.7 53.3 79.9
167 36.4 29.4 44.2

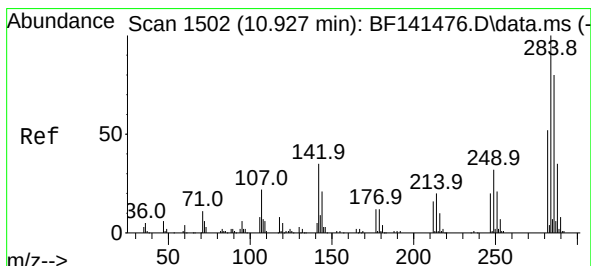
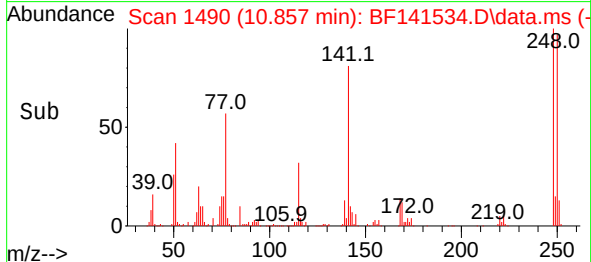
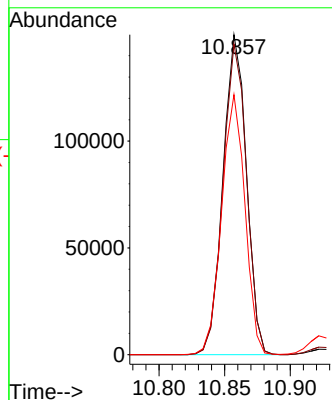
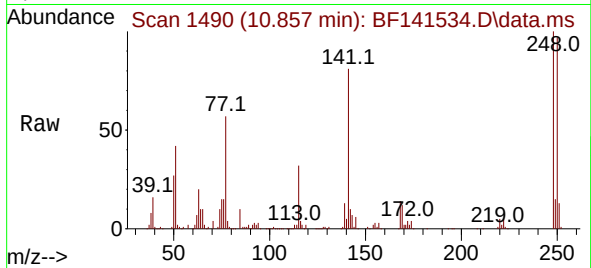




#67
4-Bromophenyl-phenylether
Concen: 44.315 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

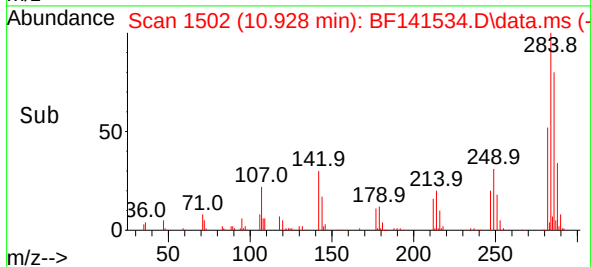
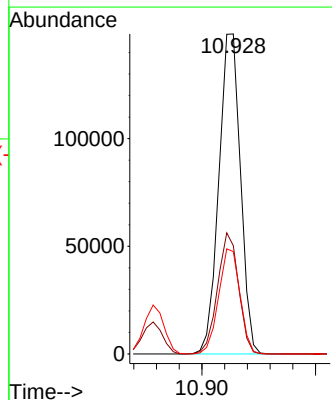
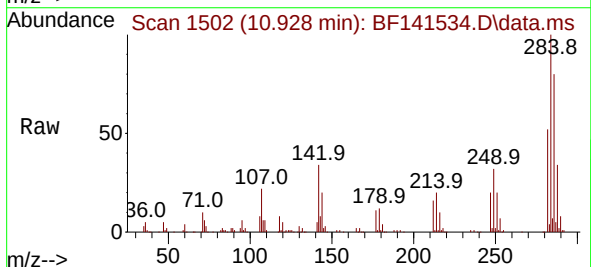
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

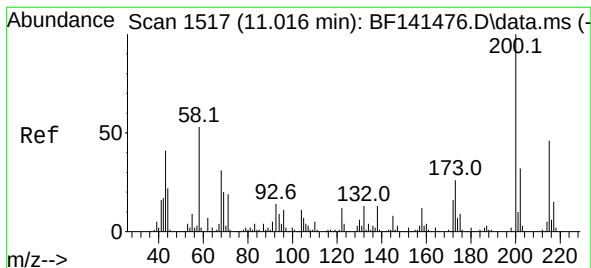
Tgt Ion:248 Resp: 186720
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 81.2 60.6 90.8



#68
Hexachlorobenzene
Concen: 45.410 ng
RT: 10.928 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:284 Resp: 197021
Ion Ratio Lower Upper
284 100
142 33.8 28.0 42.0
249 32.0 25.8 38.8





#69

Atrazine

Concen: 60.085 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

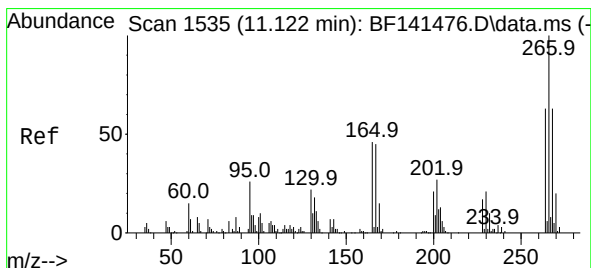
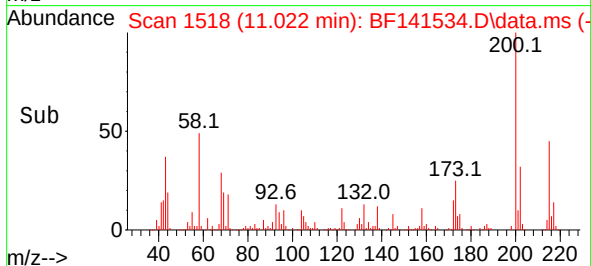
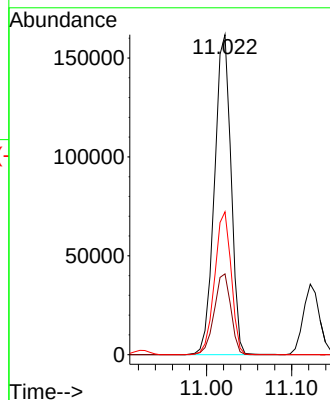
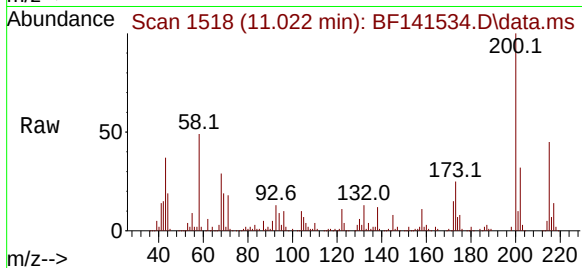
Tgt Ion:200 Resp: 217536

Ion Ratio Lower Upper

200 100

173 25.2 5.9 45.9

215 44.7 25.9 65.9



#70

Pentachlorophenol

Concen: 87.465 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

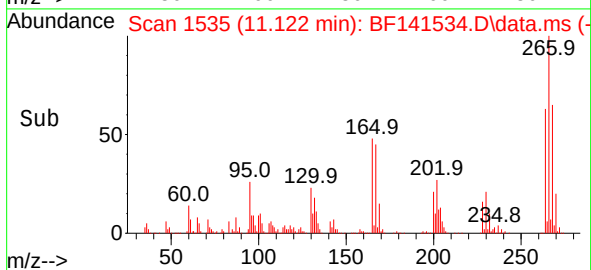
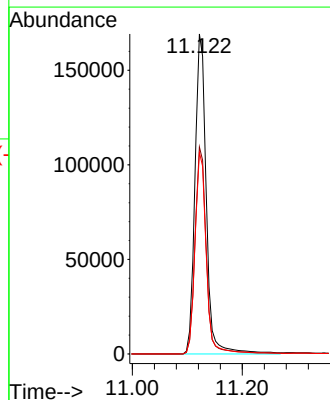
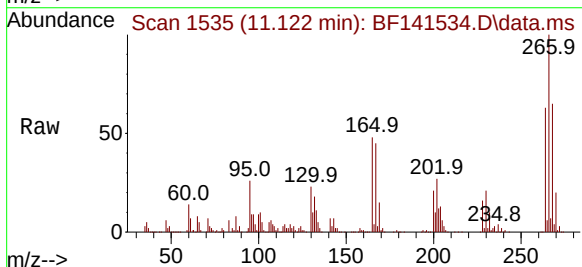
Tgt Ion:266 Resp: 242651

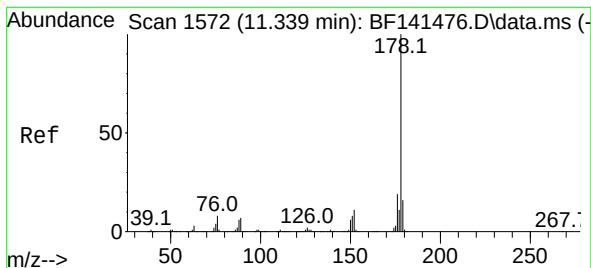
Ion Ratio Lower Upper

266 100

268 64.7 50.1 75.1

264 63.0 50.1 75.1





#71

Phenanthrene

Concen: 44.656 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

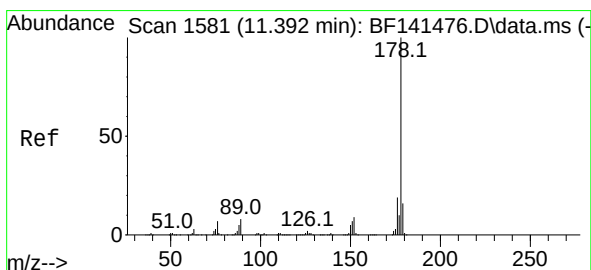
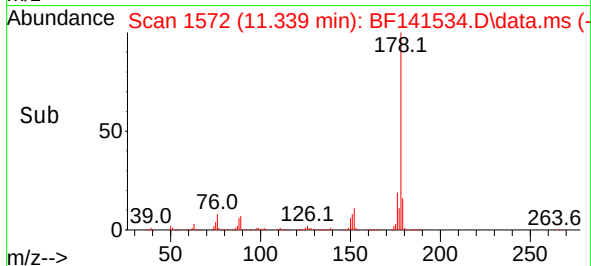
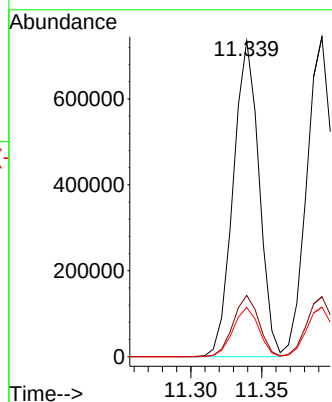
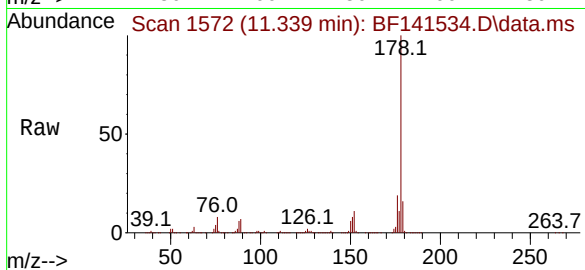
Tgt Ion:178 Resp: 926703

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.6 12.4 18.6



#72

Anthracene

Concen: 45.678 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

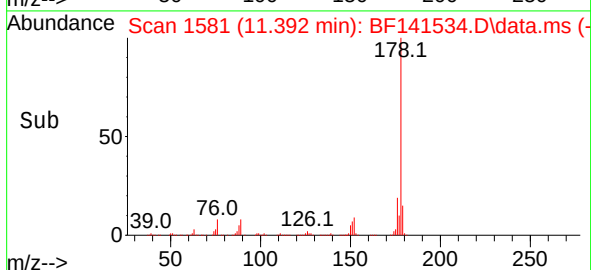
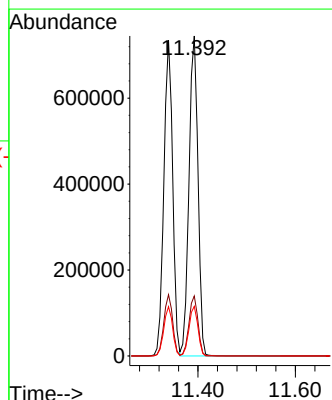
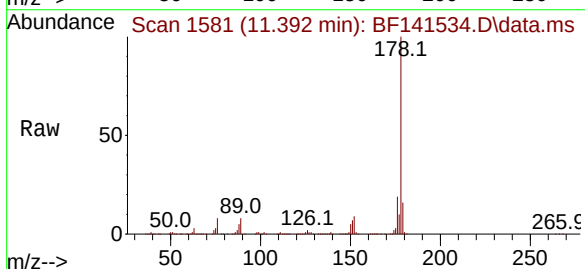
Tgt Ion:178 Resp: 952892

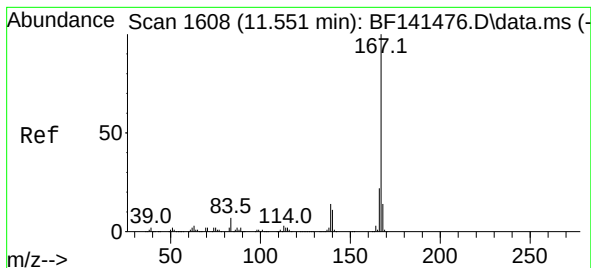
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.5 12.4 18.6





#73

Carbazole

Concen: 45.253 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

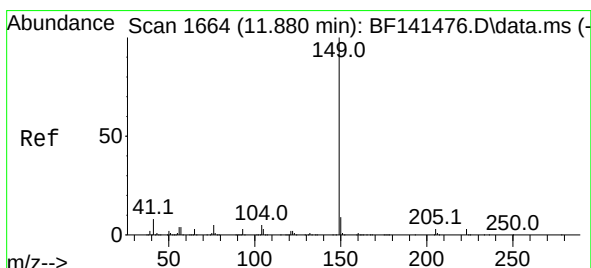
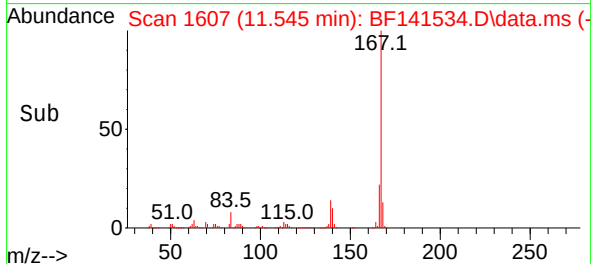
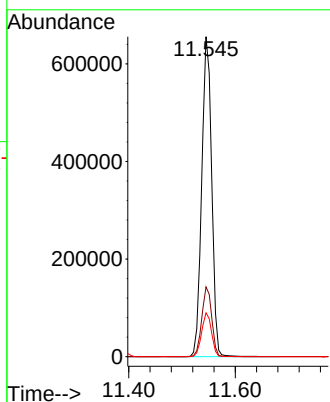
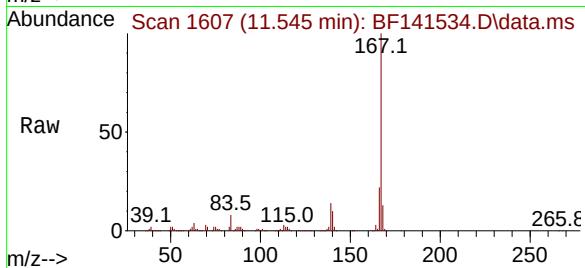
Tgt Ion:167 Resp: 849420

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.7 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.561 ng

RT: 11.875 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

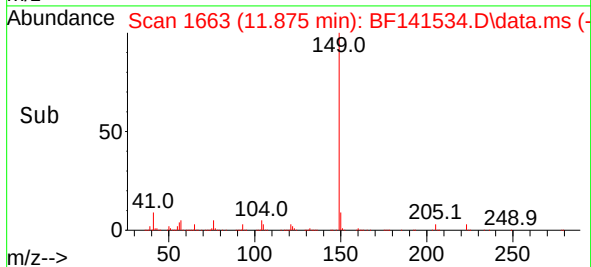
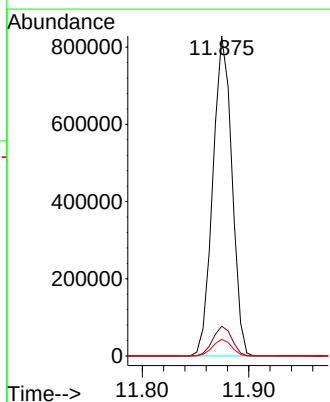
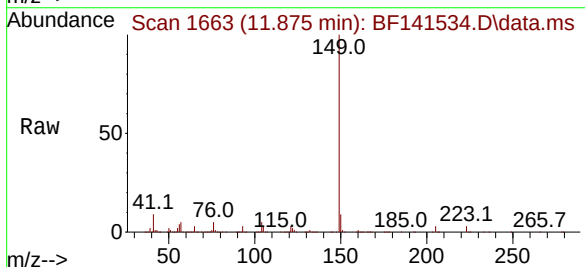
Tgt Ion:149 Resp: 1030826

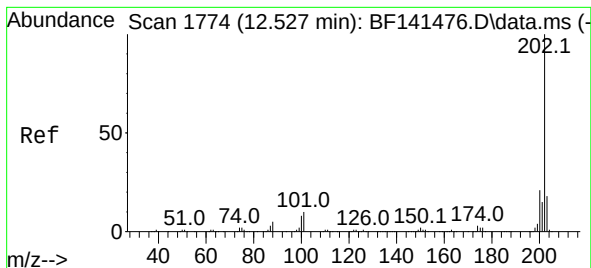
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 44.665 ng

RT: 12.528 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

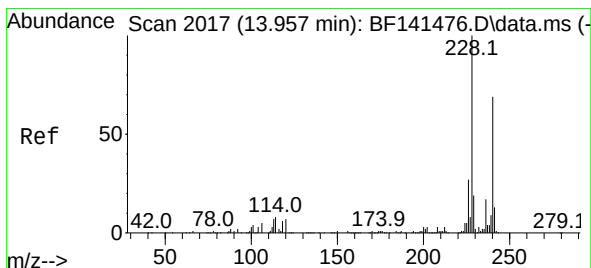
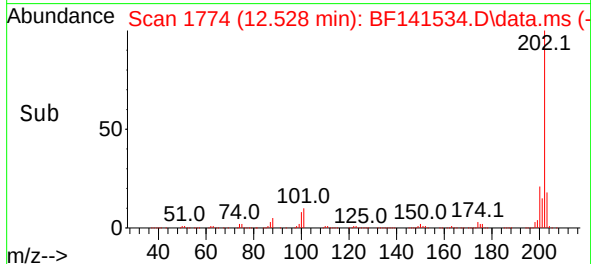
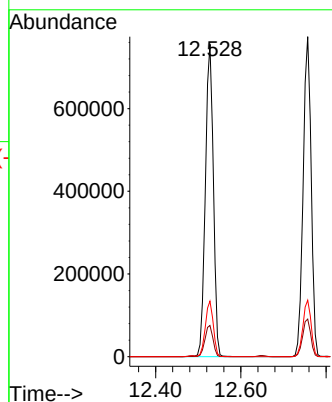
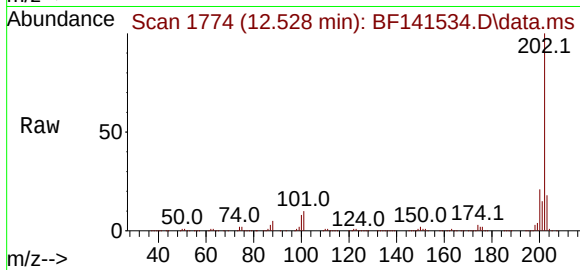
Tgt Ion:202 Resp: 982683

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.2

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

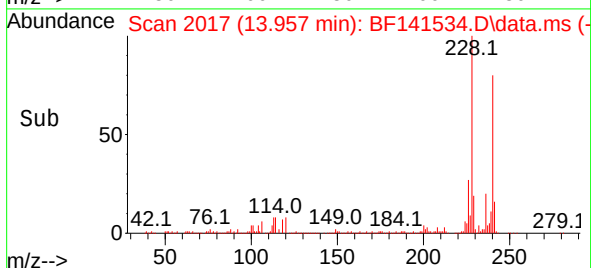
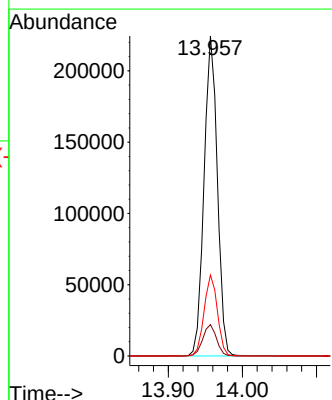
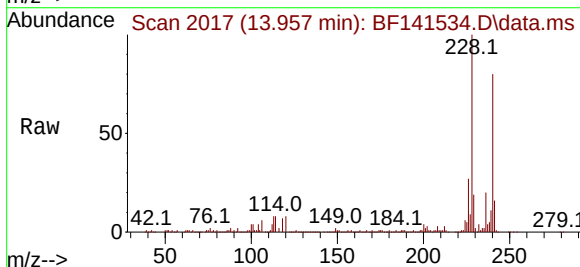
Tgt Ion:240 Resp: 279833

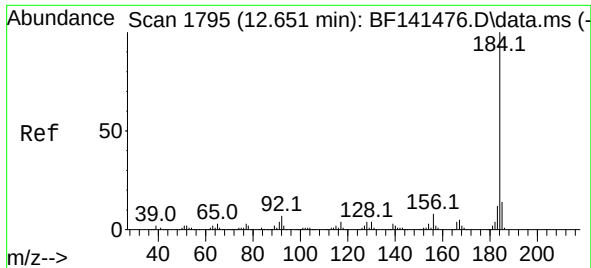
Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

236 25.3 19.8 29.8

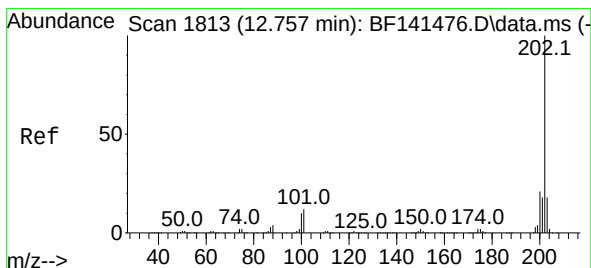
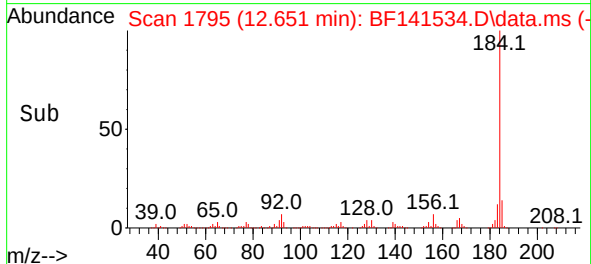
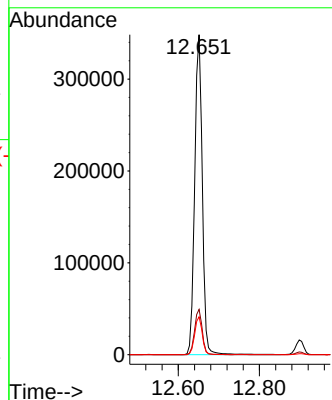
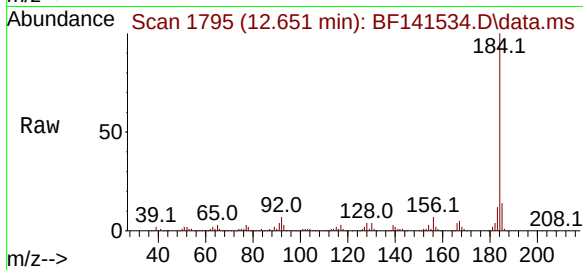




#77
Benzidine
Concen: 73.640 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

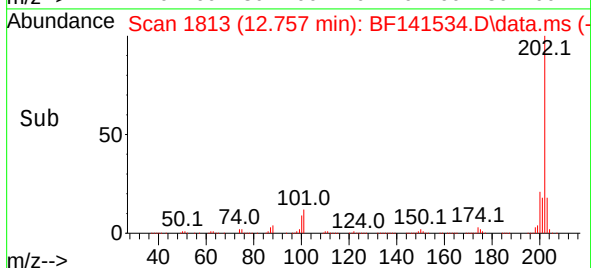
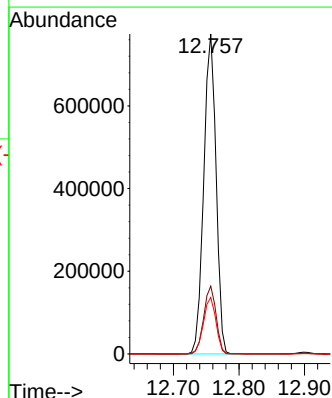
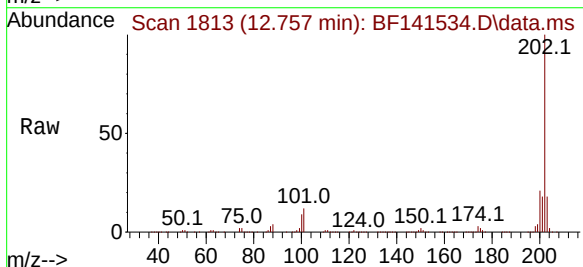
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

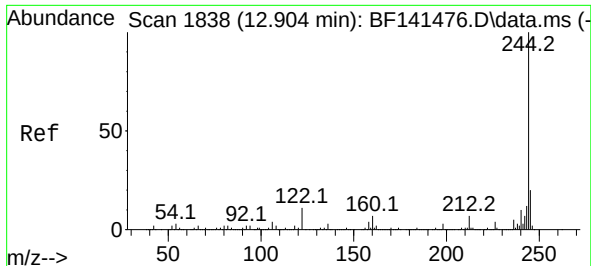
Tgt Ion:184 Resp: 454469
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.9 9.3 13.9



#78
Pyrene
Concen: 42.497 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:202 Resp: 1012339
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.6 14.3 21.5

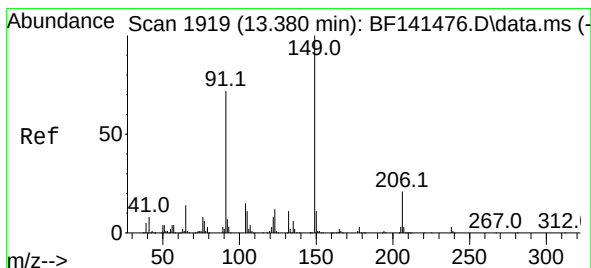
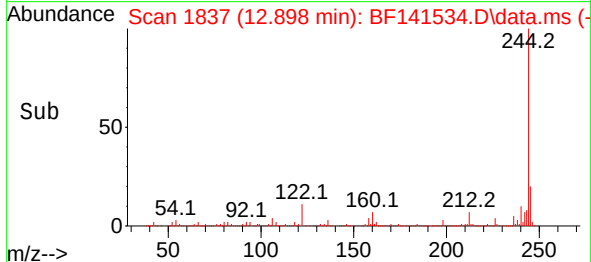
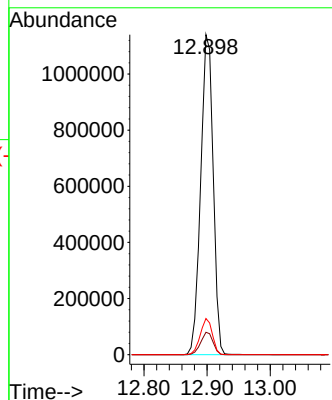
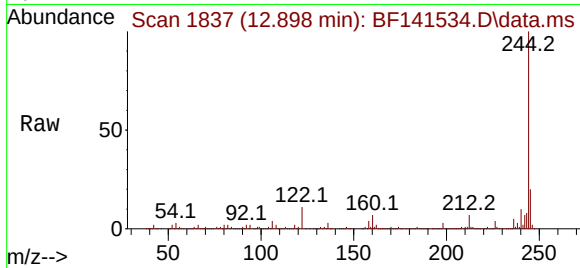




#79
 Terphenyl-d14
 Concen: 94.730 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

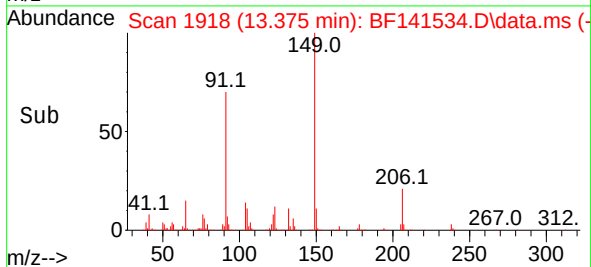
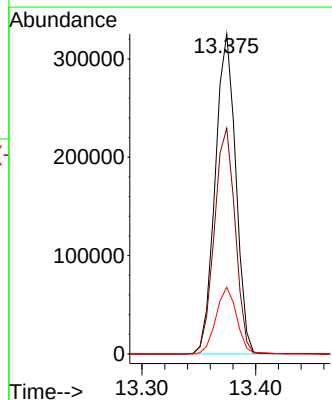
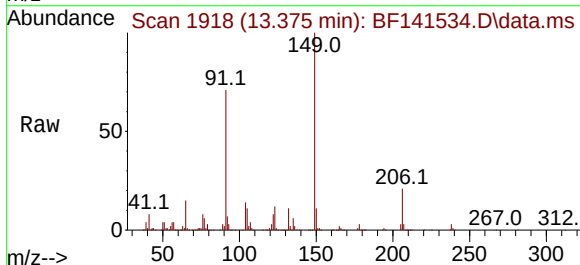
Instrument :
 BNA_F
 ClientSampleId :
 PB166619BSD

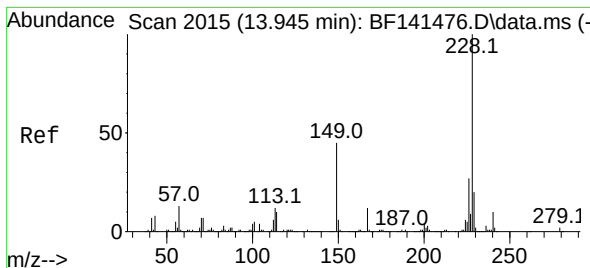
Tgt Ion:244 Resp: 1570248
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 49.628 ng
 RT: 13.375 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

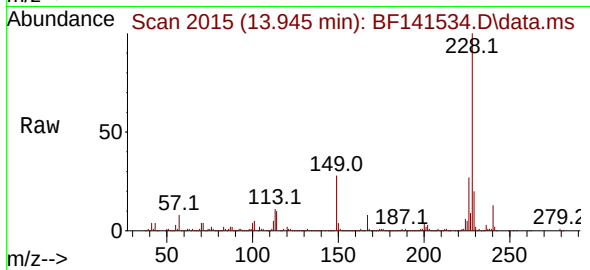
Tgt Ion:149 Resp: 409478
 Ion Ratio Lower Upper
 149 100
 91 70.5 57.8 86.8
 206 20.8 16.7 25.1



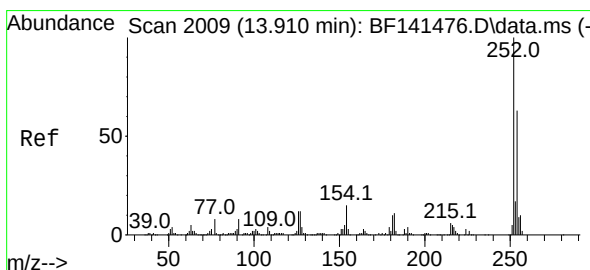
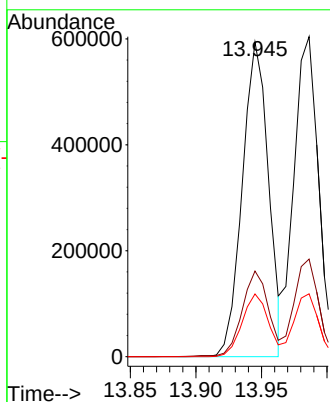
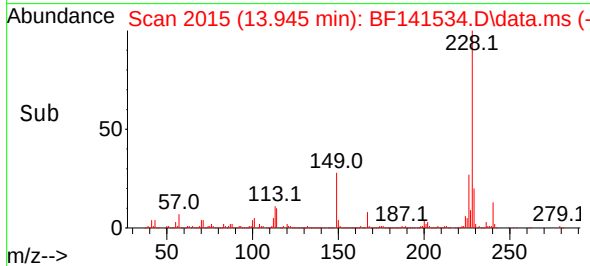


#81
Benzo(a)anthracene
Concen: 44.366 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

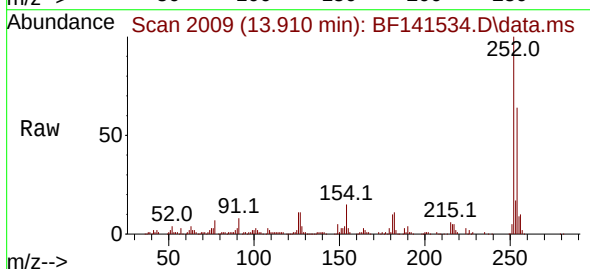
Instrument :
BNA_F
ClientSampleId :
PB166619BSD



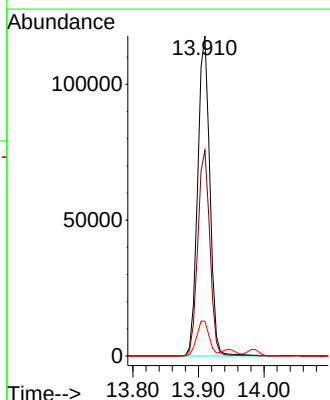
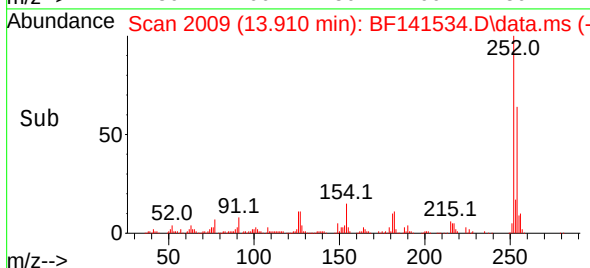
Tgt Ion:228 Resp: 825263
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.9 15.8 23.6

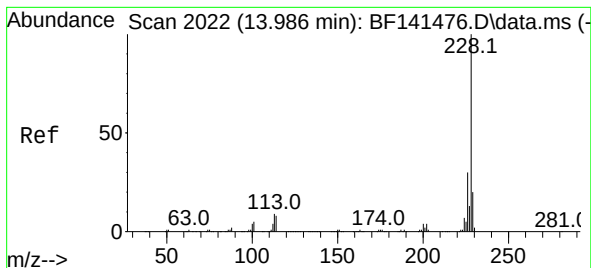


#82
3,3'-Dichlorobenzidine
Concen: 28.540 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50



Tgt Ion:252 Resp: 152077
Ion Ratio Lower Upper
252 100
254 64.3 50.6 76.0
126 10.8 9.3 13.9





#83

Chrysene

Concen: 45.422 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

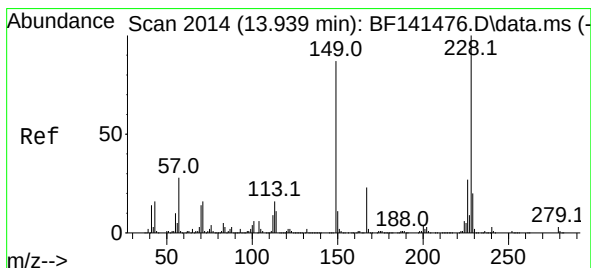
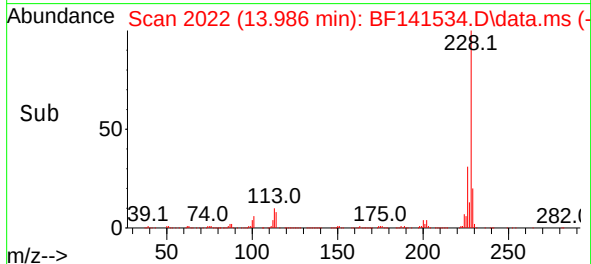
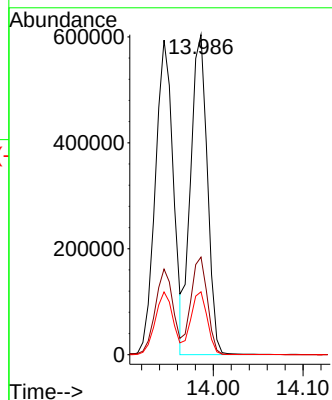
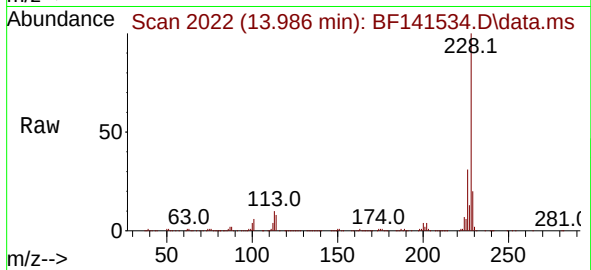
Tgt Ion:228 Resp: 780158

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.572 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

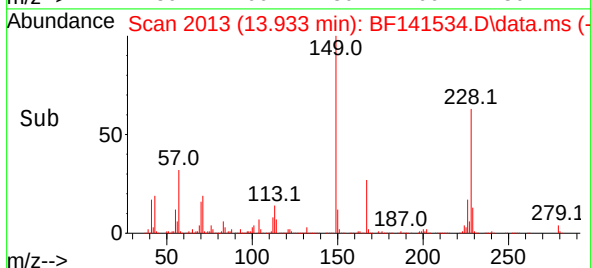
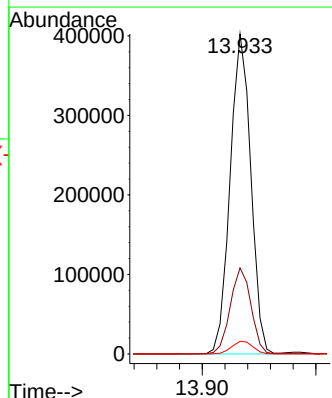
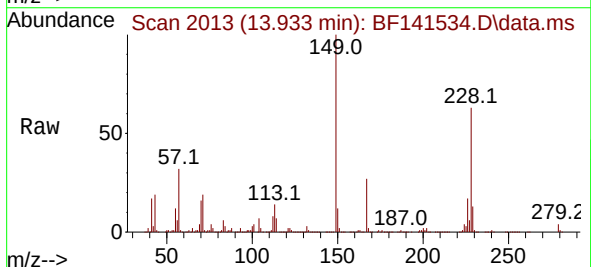
Tgt Ion:149 Resp: 507844

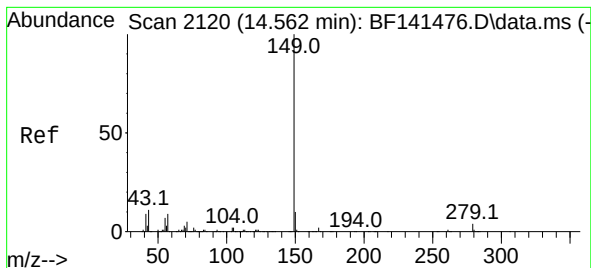
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 56.312 ng

RT: 14.551 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166619BSD

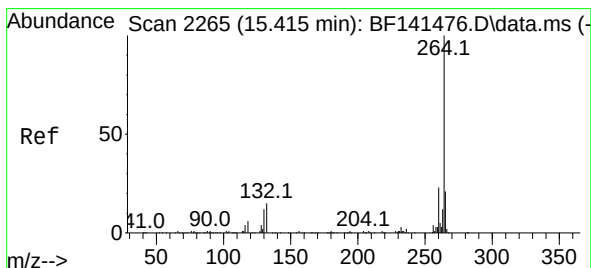
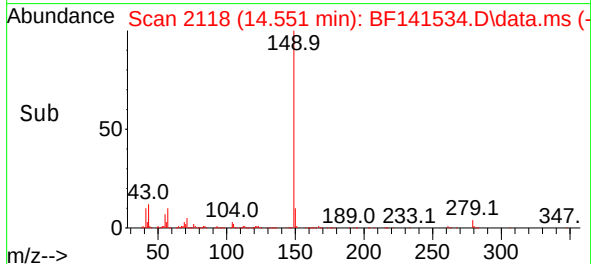
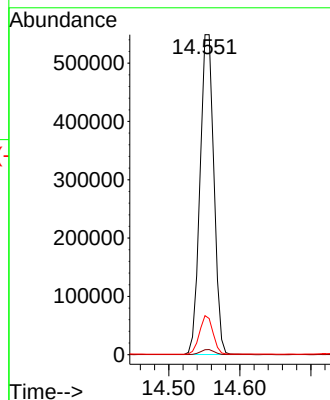
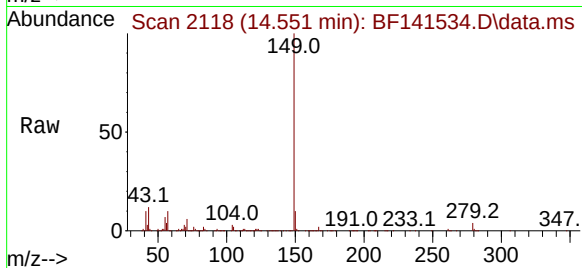
Tgt Ion:149 Resp: 747578

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF141534.D

Acq: 10 Feb 2025 14:50

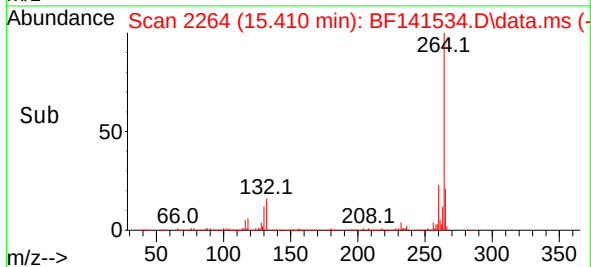
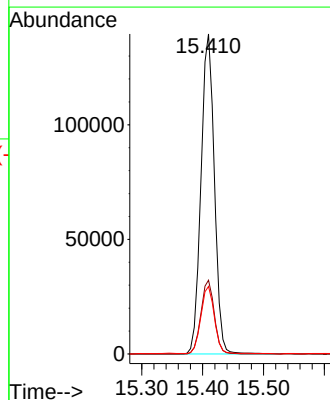
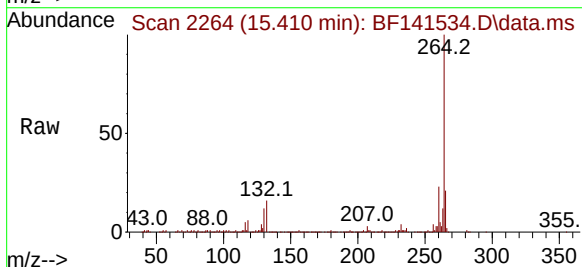
Tgt Ion:264 Resp: 213547

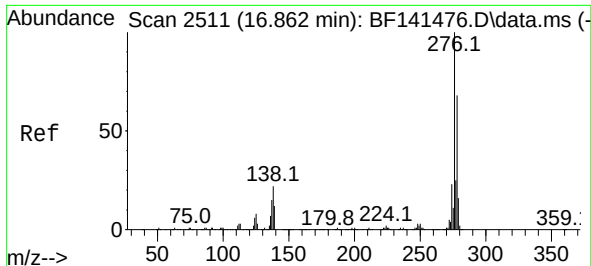
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.1 17.0 25.4

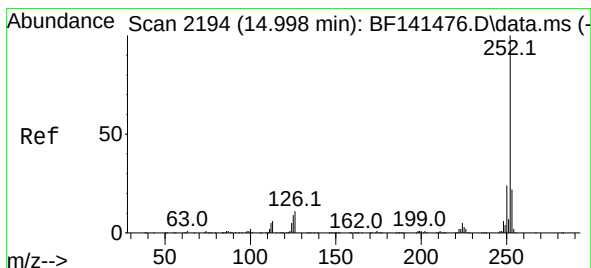
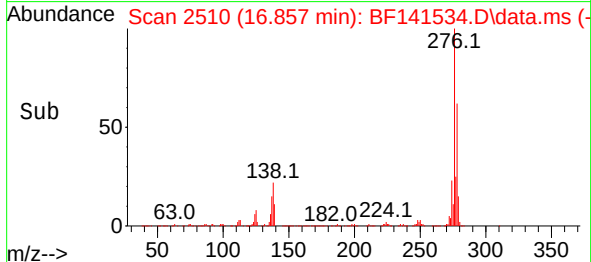
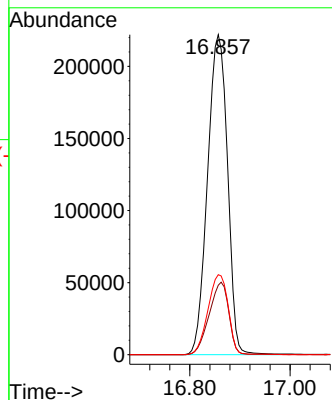
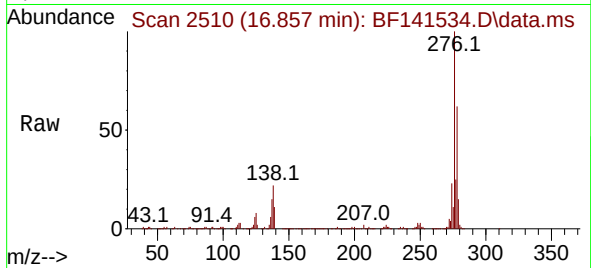




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.526 ng
 RT: 16.857 min Scan# 2511
 Delta R.T. -0.017 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

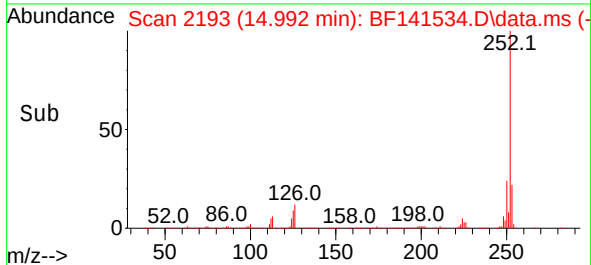
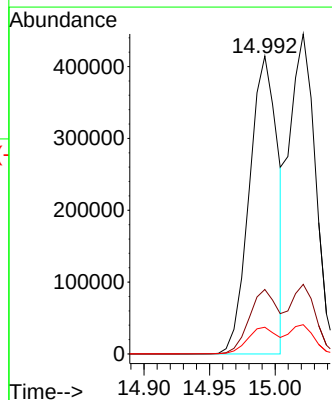
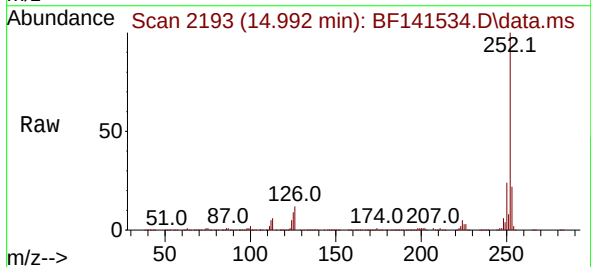
Instrument :
 BNA_F
 ClientSampleId :
 PB166619BSD

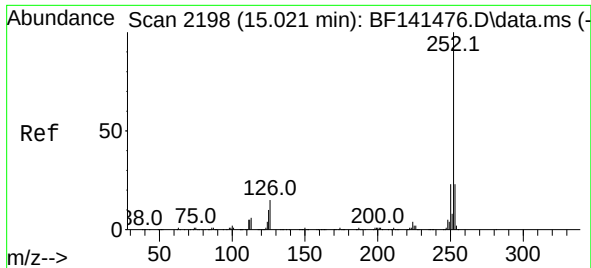
Tgt Ion:276 Resp: 613905
 Ion Ratio Lower Upper
 276 100
 138 22.4 18.0 27.0
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 43.419 ng
 RT: 14.992 min Scan# 2193
 Delta R.T. -0.011 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

Tgt Ion:252 Resp: 622569
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 9.0 7.0 10.6

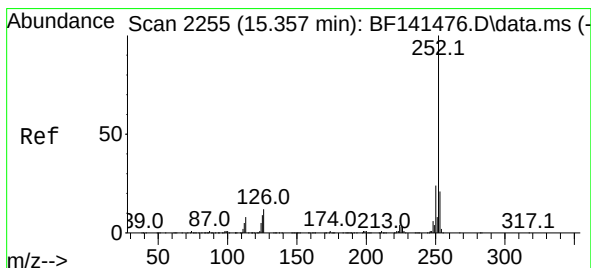
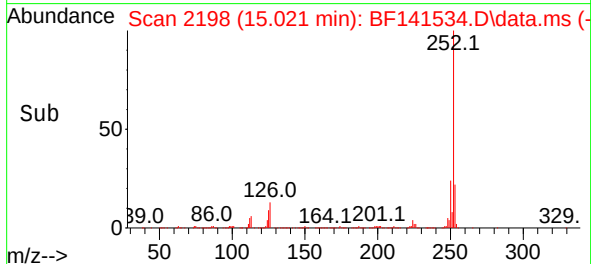
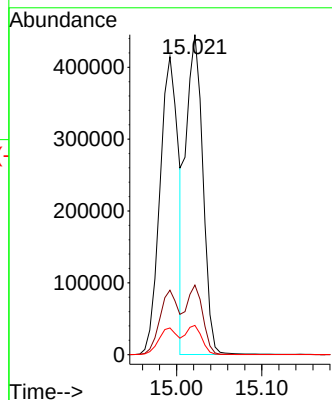
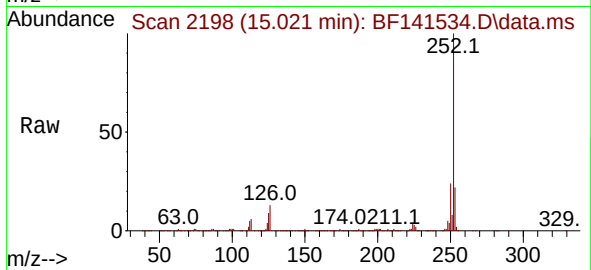




#89
Benzo(k)fluoranthene
Concen: 49.556 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

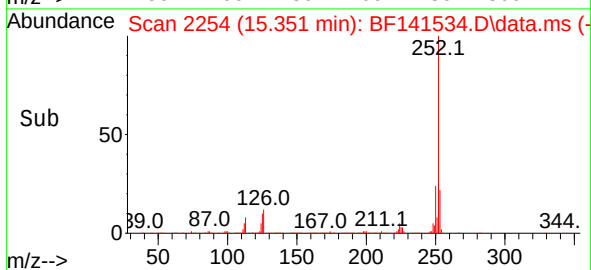
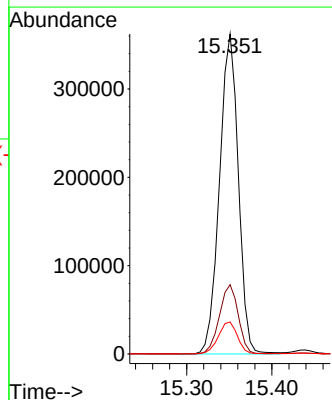
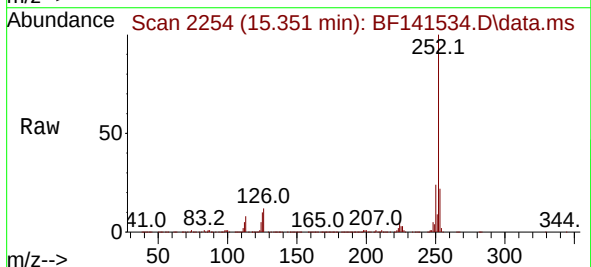
Instrument :
BNA_F
ClientSampleId :
PB166619BSD

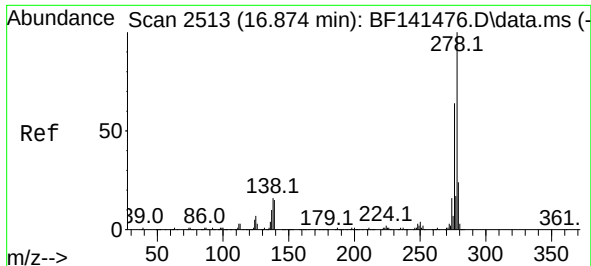
Tgt Ion:252 Resp: 606756
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 48.048 ng
RT: 15.351 min Scan# 2254
Delta R.T. -0.011 min
Lab File: BF141534.D
Acq: 10 Feb 2025 14:50

Tgt Ion:252 Resp: 557473
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.0 7.4 11.2

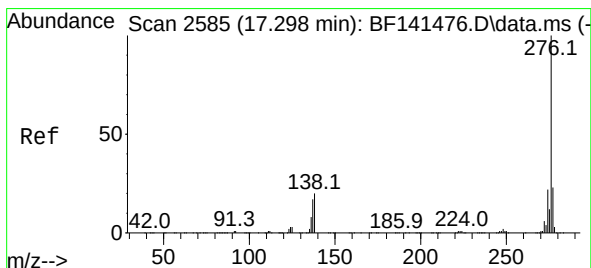
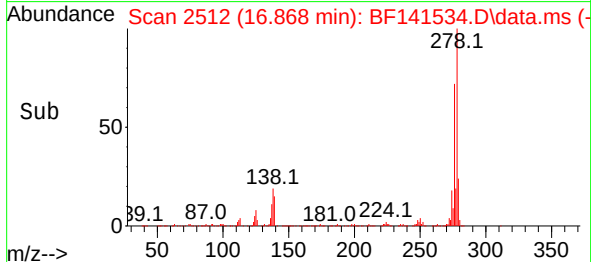
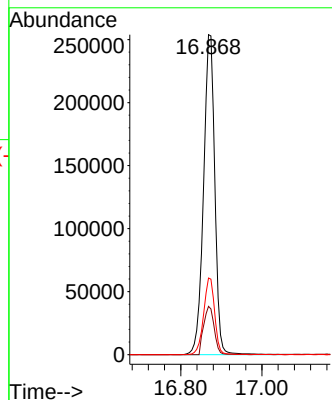
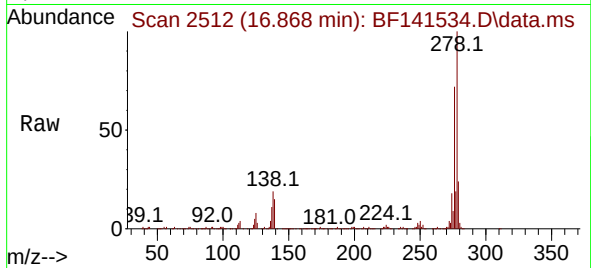




#91
 Dibenzo(a,h)anthracene
 Concen: 45.836 ng
 RT: 16.868 min Scan# 2513
 Delta R.T. -0.023 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB166619BSD

Tgt Ion:278 Resp: 490065
 Ion Ratio Lower Upper
 278 100
 139 15.1 11.8 17.6
 279 23.9 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 43.012 ng
 RT: 17.292 min Scan# 2584
 Delta R.T. -0.023 min
 Lab File: BF141534.D
 Acq: 10 Feb 2025 14:50

Tgt Ion:276 Resp: 481234
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.6 28.0
 138 19.0 15.9 23.9

