

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141387.D
 Acq On : 03 Feb 2025 23:30
 Operator : RC/JU
 Sample : Q1271-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS

Quant Time: Feb 04 01:54:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	86988	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	341693	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	181294	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	272543	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	165713	20.000	ng	-0.02
86) Perylene-d12	15.404	264	173783	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	634352	111.953	ng	0.01
7) Phenol-d6	6.440	99	791408	109.793	ng	0.00
23) Nitrobenzene-d5	7.357	82	510813	78.808	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	195923	117.880	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	901508	76.538	ng	-0.01
79) Terphenyl-d14	12.904	244	687924	64.021	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	111945	44.922	ng	98
3) Pyridine	3.293	79	235329	39.194	ng	98
4) n-Nitrosodimethylamine	3.240	42	161423	47.063	ng	91
6) Aniline	6.457	93	131481	21.549	ng	# 1
8) 2-Chlorophenol	6.587	128	280254	46.146	ng	96
9) Benzaldehyde	6.345	77	211211	50.587	ng	98
10) Phenol	6.451	94	337241	44.136	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	259599	44.310	ng	97
12) 1,3-Dichlorobenzene	6.734	146	292838	43.731	ng	99
13) 1,4-Dichlorobenzene	6.810	146	301360	44.798	ng	99
14) 1,2-Dichlorobenzene	6.963	146	284363	45.143	ng	100
15) Benzyl Alcohol	6.940	79	246928	50.127	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	438487	43.041	ng	56
17) 2-Methylphenol	7.063	107	216772	43.917	ng	# 88
18) Hexachloroethane	7.304	117	113376	45.685	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	195583	45.664	ng	97
20) 3+4-Methylphenols	7.216	107	282742	46.653	ng	# 83
22) Acetophenone	7.204	105	431712	53.153	ng	# 96
24) Nitrobenzene	7.375	77	296247	44.104	ng	98
25) Isophorone	7.616	82	518170	46.248	ng	99
26) 2-Nitrophenol	7.692	139	150266	47.434	ng	96
27) 2,4-Dimethylphenol	7.734	122	222364	55.148	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	315461	44.140	ng	99
29) 2,4-Dichlorophenol	7.945	162	229855	46.564	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	247233	43.856	ng	99
31) Naphthalene	8.098	128	815414	45.173	ng	100
32) Benzoic acid	7.863	122	188107	50.748	ng	96
33) 4-Chloroaniline	8.151	127	52536	8.583	ng	99
34) Hexachlorobutadiene	8.216	225	152646	46.173	ng	100
35) Caprolactam	8.516	113	60068	37.260	ng	97
36) 4-Chloro-3-methylphenol	8.645	107	246044	46.468	ng	97
37) 2-Methylnaphthalene	8.787	142	508246	44.300	ng	100
38) 1-Methylnaphthalene	8.886	142	496234	44.032	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	270737	52.493	ng	98
41) Hexachlorocyclopentadiene	8.939	237	287668	188.859	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	159390	47.215	ng	98

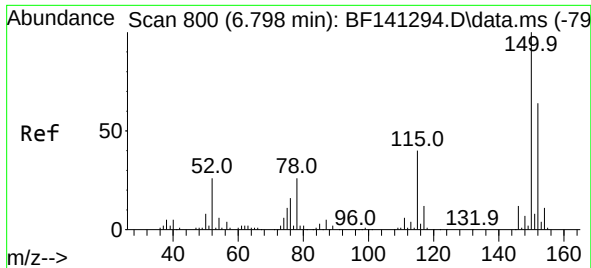
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	170486	46.401	ng	99
46) 1,1'-Biphenyl	9.251	154	729449	51.592	ng	99
47) 2-Chloronaphthalene	9.281	162	496124	45.019	ng	99
48) 2-Nitroaniline	9.375	65	163684	47.221	ng	96
49) Acenaphthylene	9.692	152	768904	49.843	ng	100
50) Dimethylphthalate	9.557	163	580794	47.433	ng	99
51) 2,6-Dinitrotoluene	9.616	165	124666	43.850	ng	95
52) Acenaphthene	9.863	154	494844	44.901	ng	99
53) 3-Nitroaniline	9.786	138	62903	22.574	ng	99
54) 2,4-Dinitrophenol	9.898	184	149460	113.090	ng	95
55) Dibenzofuran	10.039	168	686926	46.565	ng	97
56) 4-Nitrophenol	9.969	139	194455	95.421	ng	94
57) 2,4-Dinitrotoluene	10.022	165	172539	46.874	ng	98
58) Fluorene	10.381	166	540469	47.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	140025	48.442	ng	99
60) Diethylphthalate	10.257	149	552588	46.544	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	258228	46.199	ng	99
62) 4-Nitroaniline	10.404	138	119359	43.570	ng	95
63) Azobenzene	10.533	77	575227	48.403	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	94305	58.499	ng	95
66) n-Nitrosodiphenylamine	10.492	169	461385	52.341	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	155102	50.833	ng	99
68) Hexachlorobenzene	10.928	284	156515	48.358	ng	98
69) Atrazine	11.022	200	165257	56.071	ng	99
70) Pentachlorophenol	11.128	266	187070	98.703	ng	98
71) Phenanthrene	11.345	178	899732	61.414	ng	100
72) Anthracene	11.398	178	775413	54.018	ng	100
73) Carbazole	11.551	167	599245	47.079	ng	99
74) Di-n-butylphthalate	11.880	149	740107	47.979	ng	100
75) Fluoranthene	12.533	202	939002	64.913	ng	99
77) Benzidine	12.657	184	162879	30.660	ng	99
78) Pyrene	12.763	202	885157	55.646	ng	100
80) Butylbenzylphthalate	13.380	149	238234	42.870	ng	99
81) Benzo(a)anthracene	13.951	228	647937	56.662	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	63372	17.425	ng	99
83) Chrysene	13.986	228	575787	54.942	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	315365	44.736	ng	98
85) Di-n-octyl phthalate	14.557	149	517559	47.269	ng	99
87) Indeno(1,2,3-cd)pyrene	16.845	276	473633	42.227	ng	96
88) Benzo(b)fluoranthene	14.986	252	675061	61.754	ng	99
89) Benzo(k)fluoranthene	15.015	252	490267	50.627	ng	99
90) Benzo(a)pyrene	15.345	252	545989	59.105	ng	98
91) Dibenzo(a,h)anthracene	16.862	278	365614	40.516	ng	98
92) Benzo(g,h,i)perylene	17.280	276	354400	37.770	ng	96

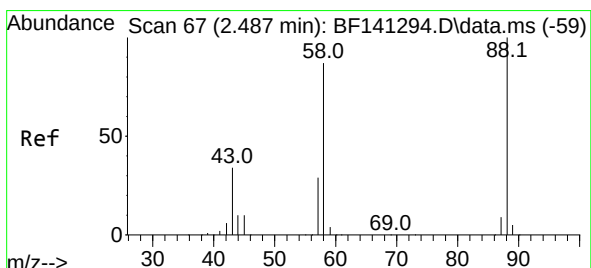
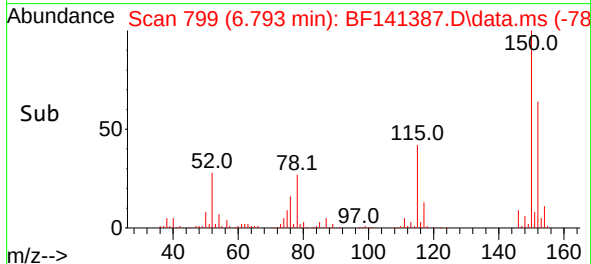
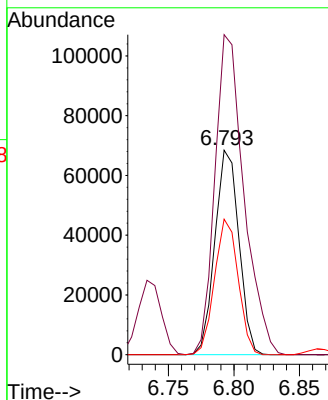
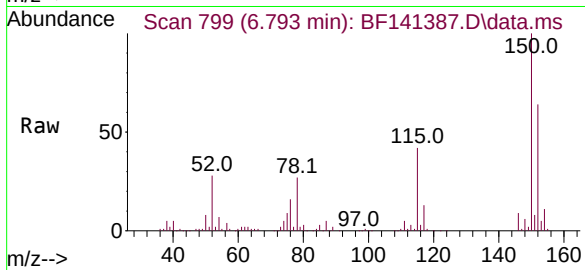
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141387.D
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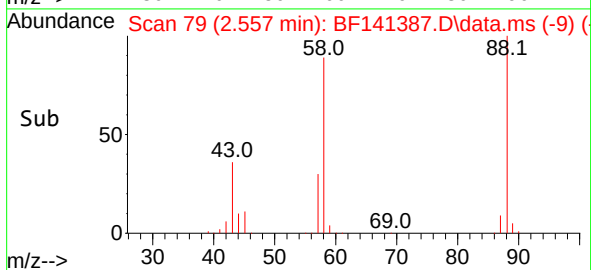
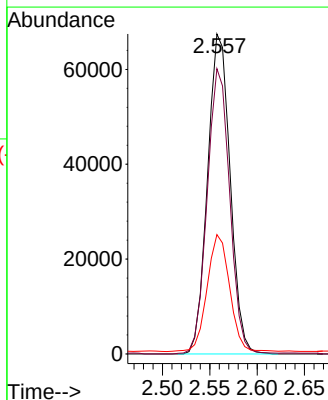
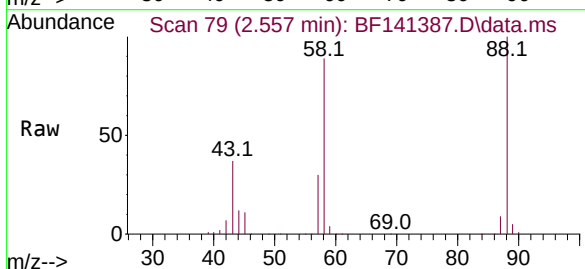
Instrument :
 BNA_F
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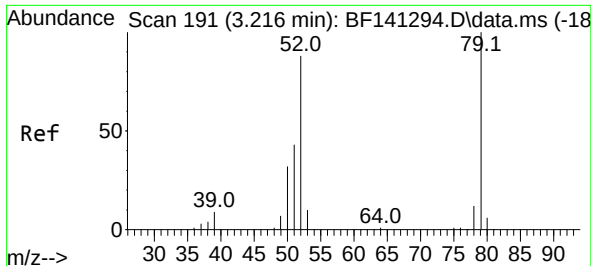
Tgt Ion:152 Resp: 86988
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.9 188.9
 115 66.3 49.7 74.5



#2
 1,4-Dioxane
 Concen: 44.922 ng
 RT: 2.557 min Scan# 79
 Delta R.T. 0.065 min
 Lab File: BF141387.D
 Acq: 03 Feb 2025 23:30

Tgt Ion: 88 Resp: 111945
 Ion Ratio Lower Upper
 88 100
 58 89.1 70.2 105.4
 43 36.3 27.6 41.4





#3

Pyridine

Concen: 39.194 ng

RT: 3.293 min Scan# 204

Delta R.T. 0.065 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

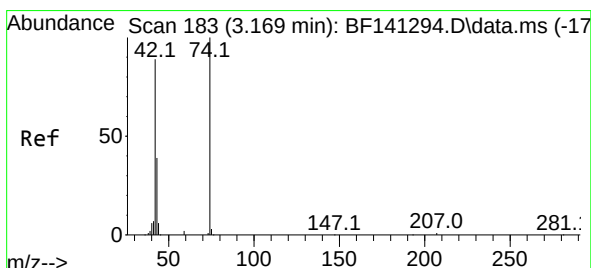
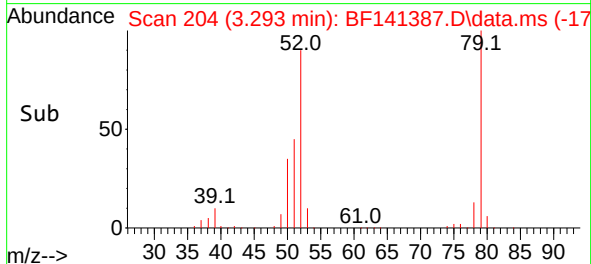
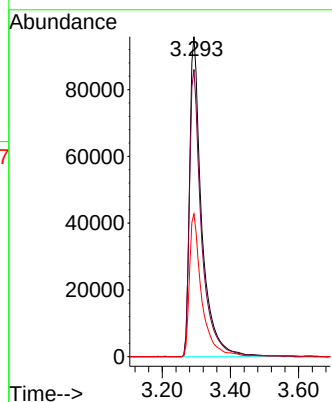
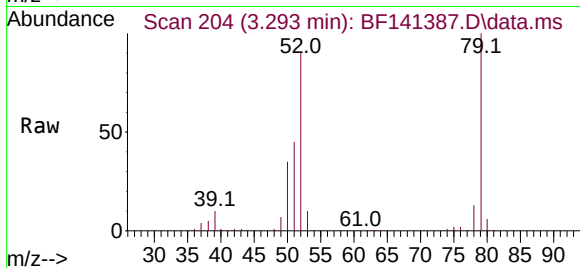
Tgt Ion: 79 Resp: 235329

Ion Ratio Lower Upper

79 100

52 89.7 70.3 105.5

51 44.6 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 47.063 ng

RT: 3.240 min Scan# 195

Delta R.T. 0.041 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

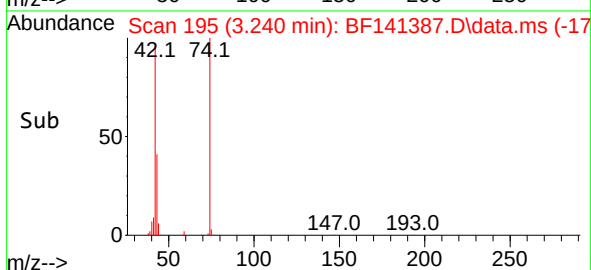
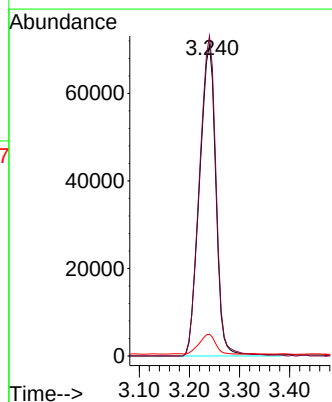
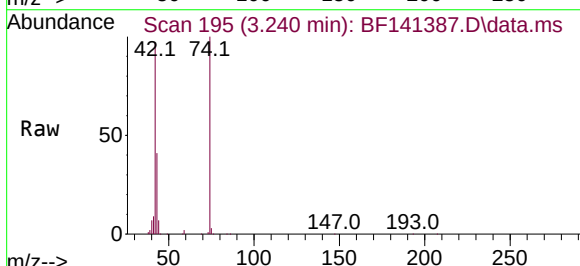
Tgt Ion: 42 Resp: 161423

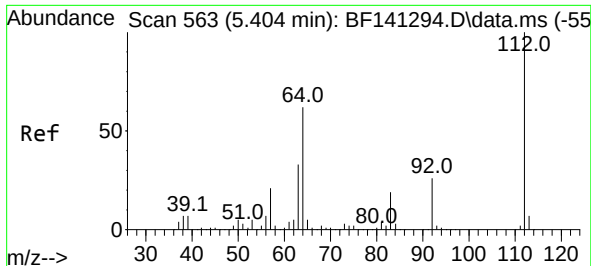
Ion Ratio Lower Upper

42 100

74 102.7 90.3 135.5

44 7.0 5.7 8.5

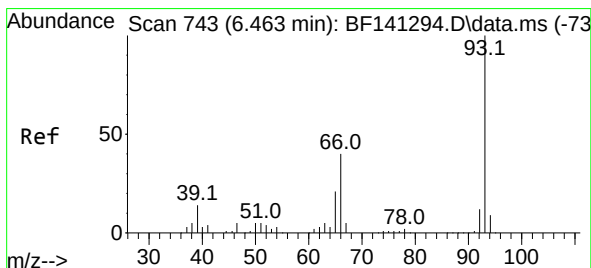
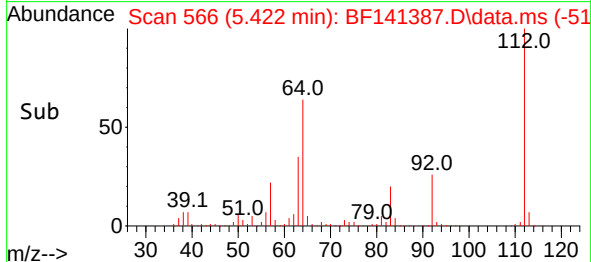
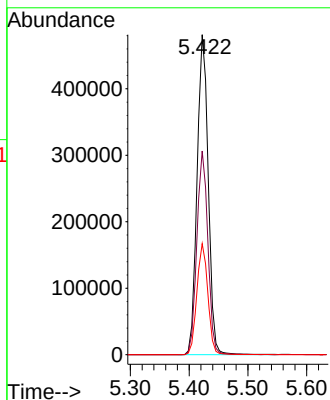
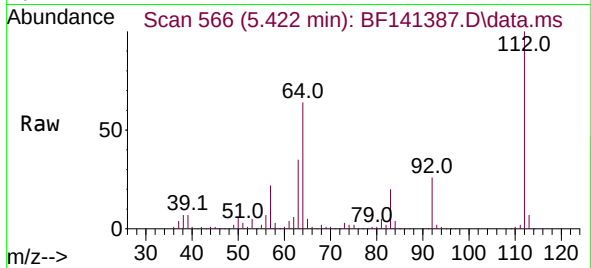




#5
2-Fluorophenol
Concen: 111.953 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

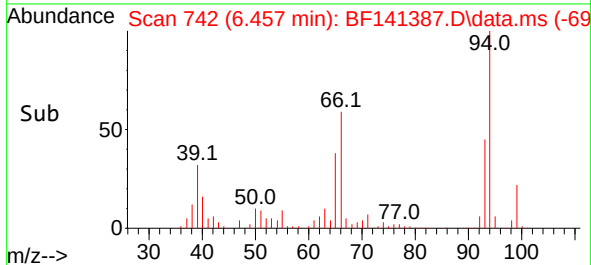
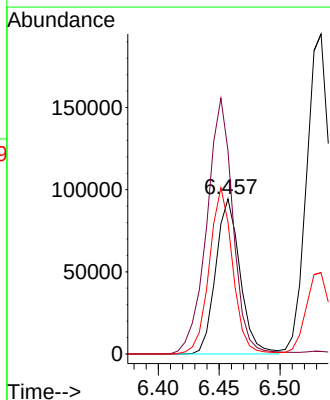
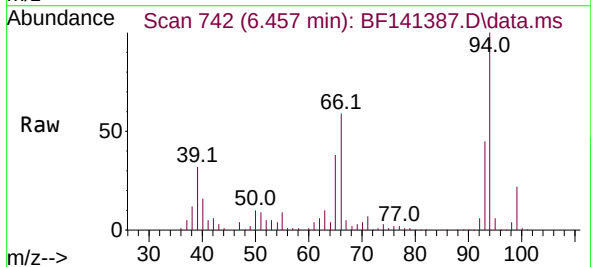
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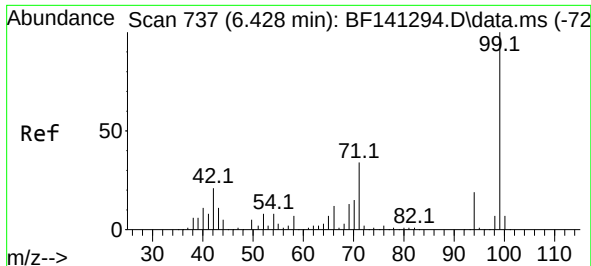
Tgt Ion:112 Resp: 634352
Ion Ratio Lower Upper
112 100
64 63.7 49.8 74.8
63 34.7 26.1 39.1



#6
Aniline
Concen: 21.549 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion: 93 Resp: 131481
Ion Ratio Lower Upper
93 100
66 131.3 32.5 48.7#
65 85.1 17.0 25.6#

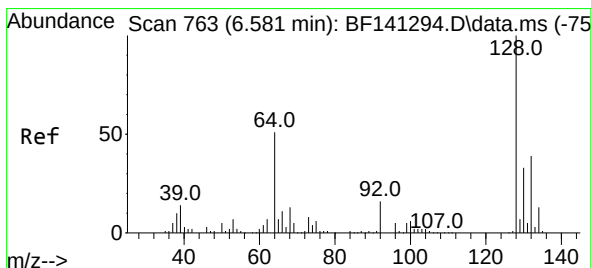
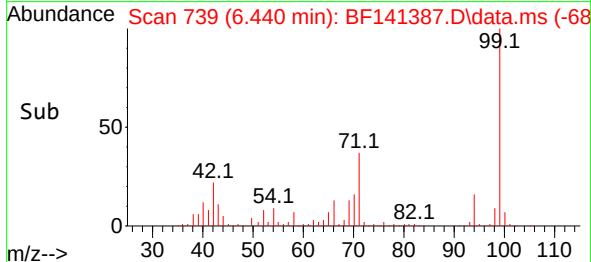
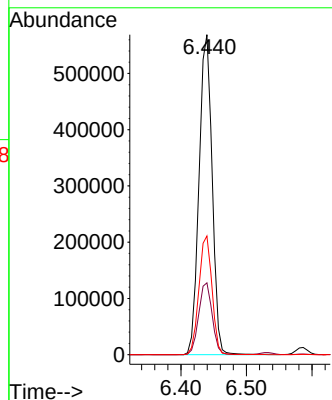
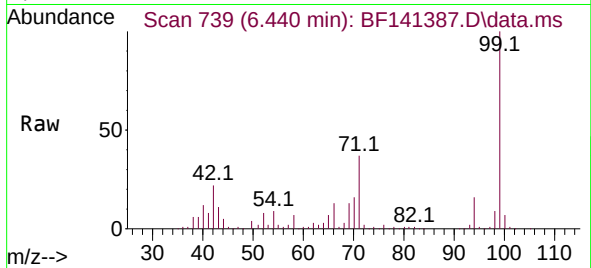




#7
Phenol-d6
Concen: 109.793 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

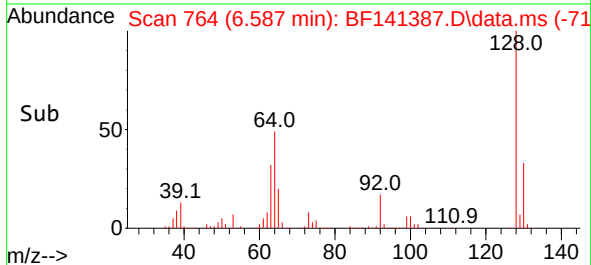
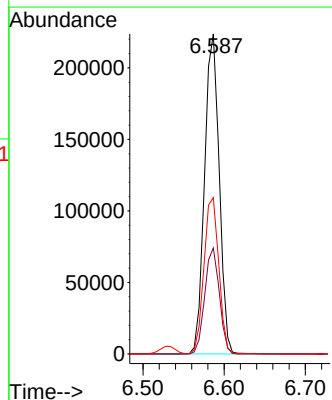
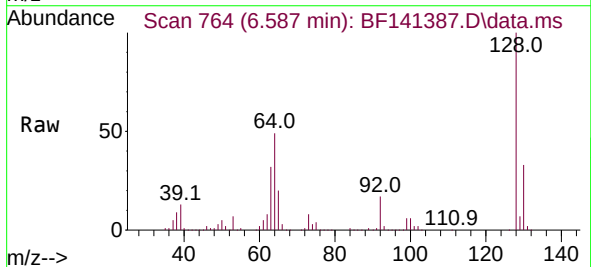
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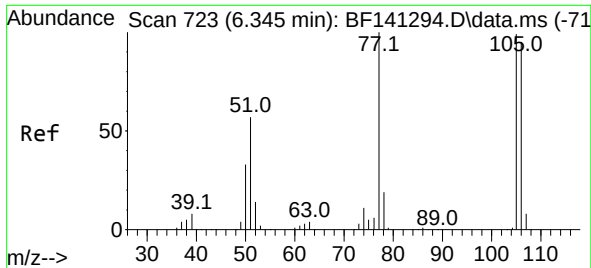
Tgt Ion: 99 Resp: 791408
Ion Ratio Lower Upper
99 100
42 22.5 17.1 25.7
71 37.1 26.9 40.3



#8
2-Chlorophenol
Concen: 46.146 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:128 Resp: 280254
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 48.8 32.9 72.9





#9

Benzaldehyde

Concen: 50.587 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

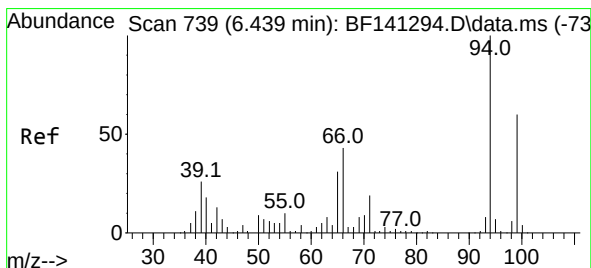
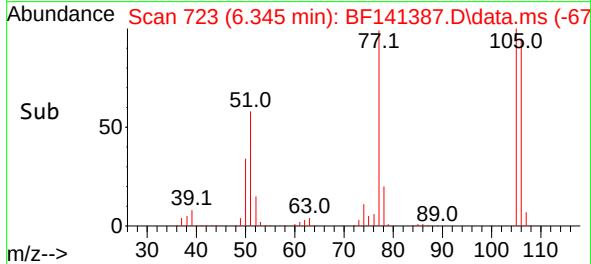
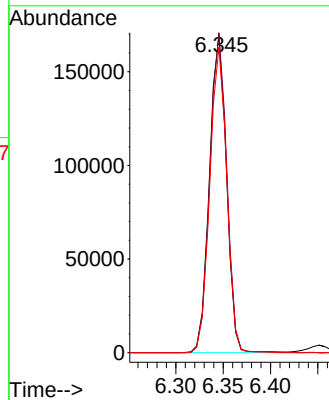
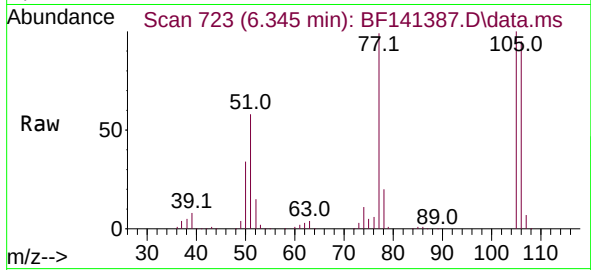
Tgt Ion: 77 Resp: 211211

Ion Ratio Lower Upper

77 100

105 100.8 79.4 119.4

106 96.2 74.6 114.6



#10

Phenol

Concen: 44.136 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

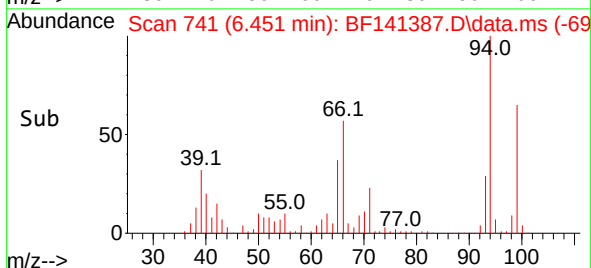
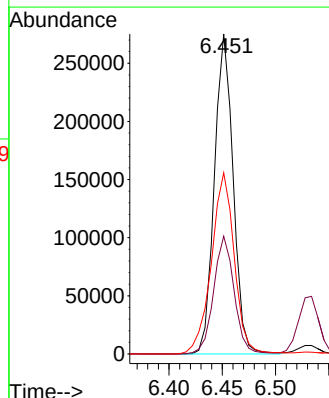
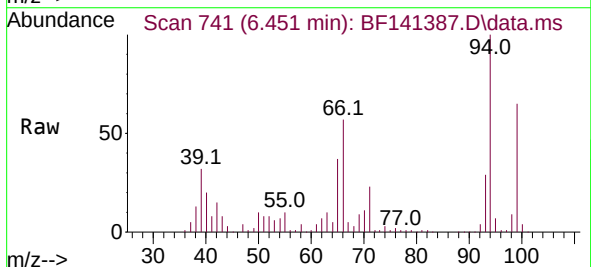
Tgt Ion: 94 Resp: 337241

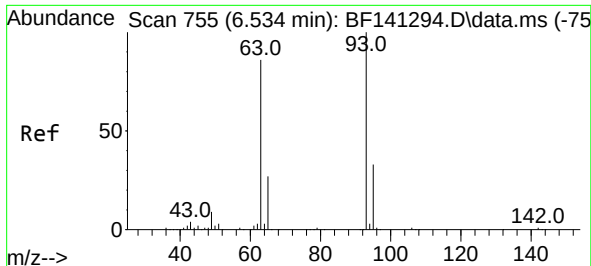
Ion Ratio Lower Upper

94 100

65 36.8 10.8 50.8

66 56.6 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 44.310 ng

RT: 6.534 min Scan# 711

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

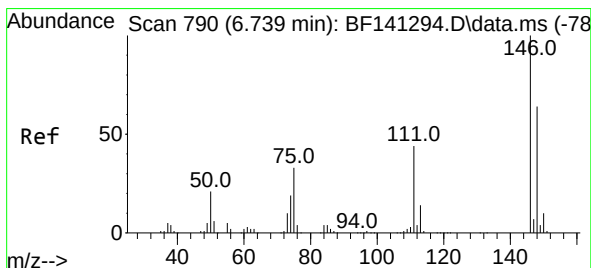
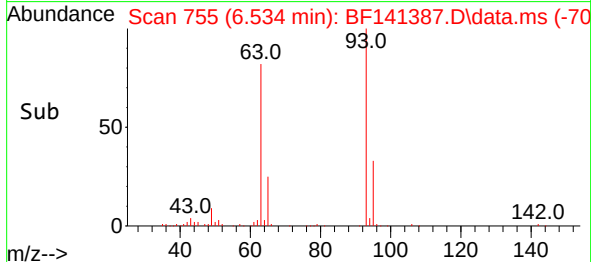
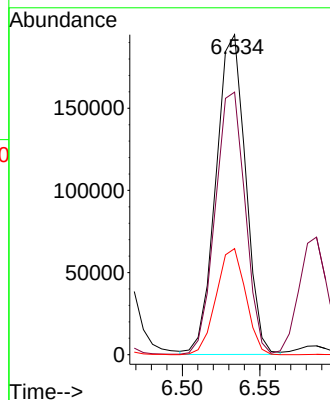
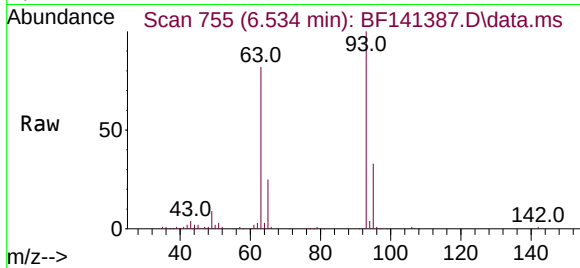
Tgt Ion: 93 Resp: 259599

Ion Ratio Lower Upper

93 100

63 82.0 65.0 105.0

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.731 ng

RT: 6.734 min Scan# 789

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

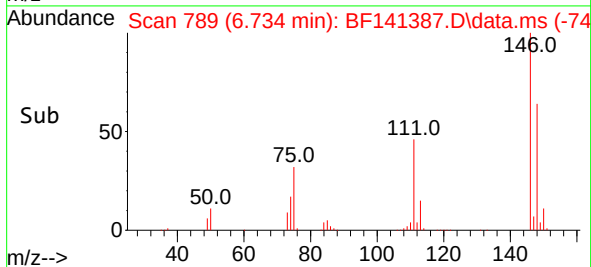
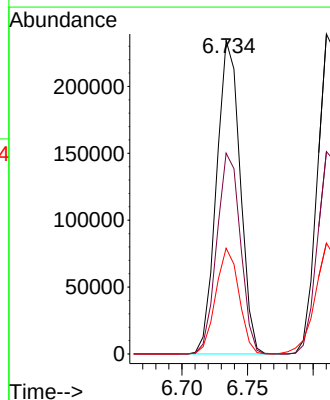
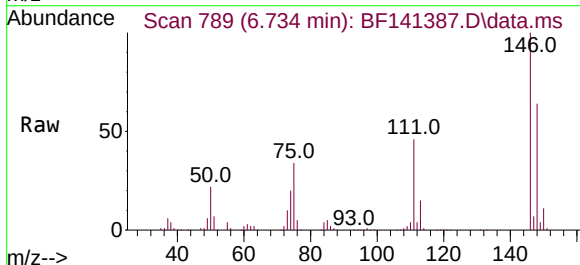
Tgt Ion:146 Resp: 292838

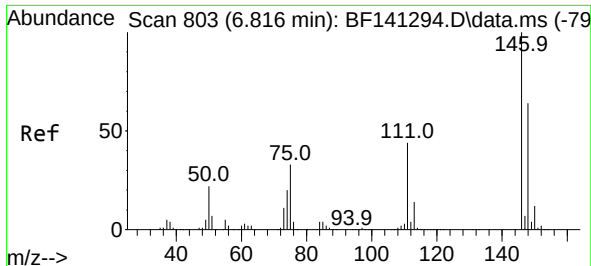
Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

75 33.7 26.2 39.4

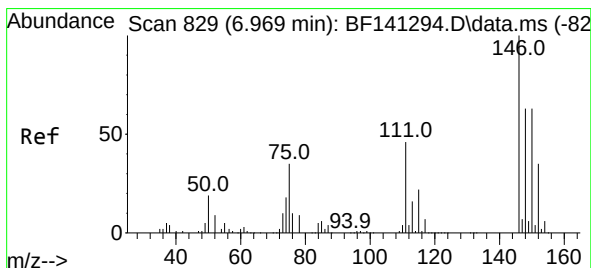
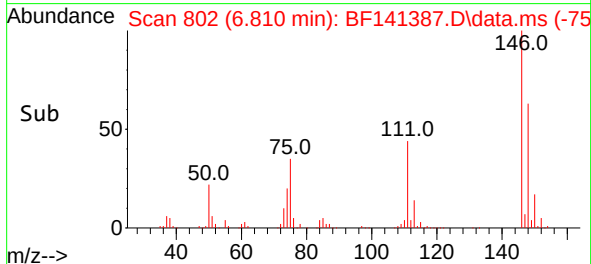
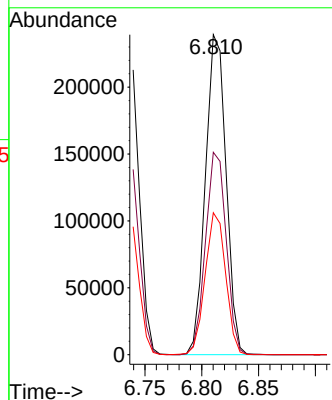
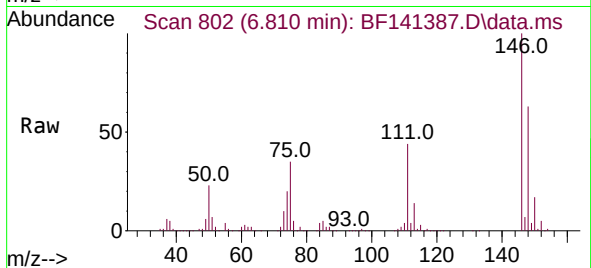




#13
1,4-Dichlorobenzene
Concen: 44.798 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

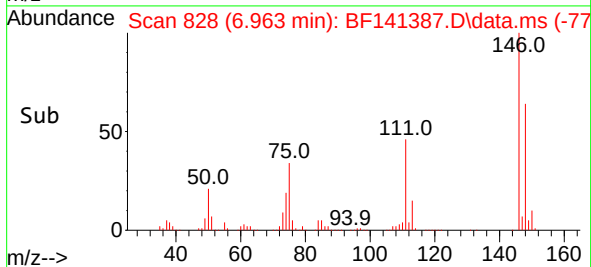
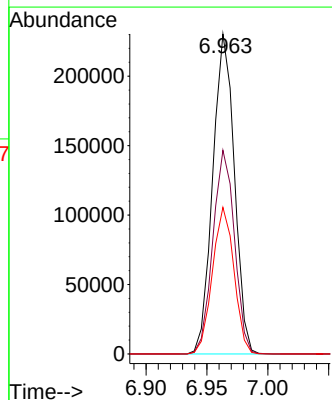
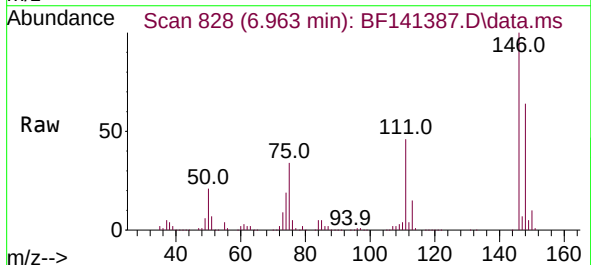
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

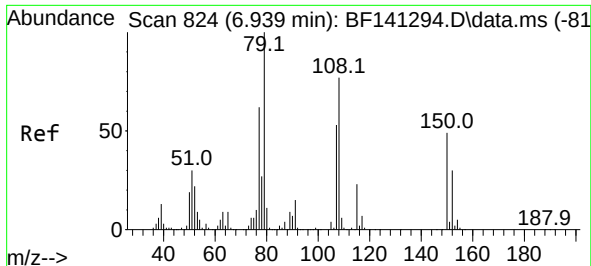
Tgt Ion:146 Resp: 301360
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 44.3 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 45.143 ng
RT: 6.963 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:146 Resp: 284363
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 45.8 36.6 55.0

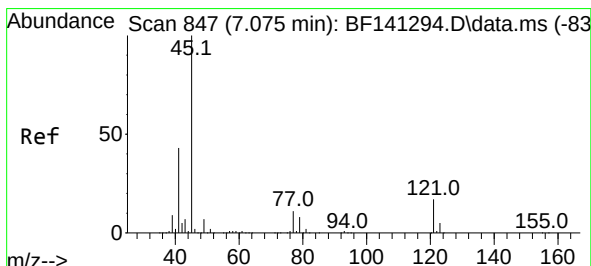
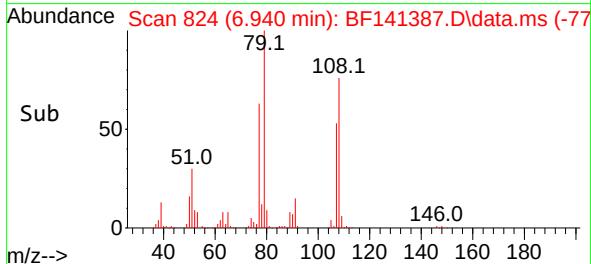
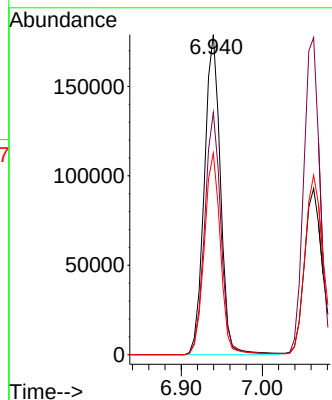
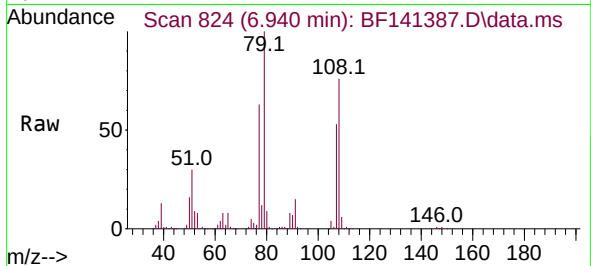




#15
Benzyl Alcohol
Concen: 50.127 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

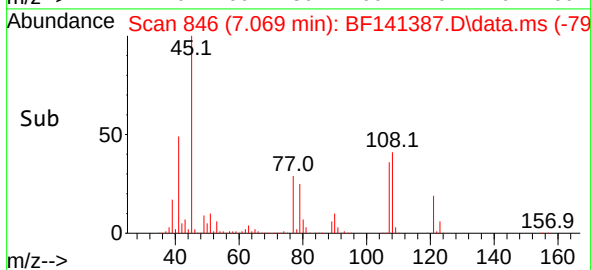
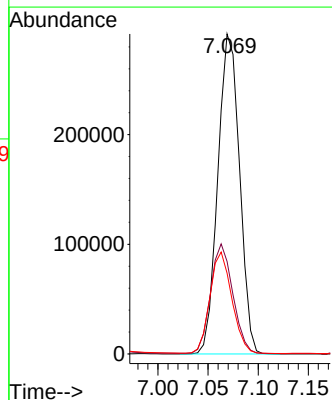
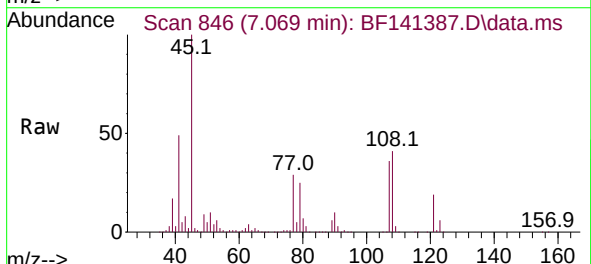
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

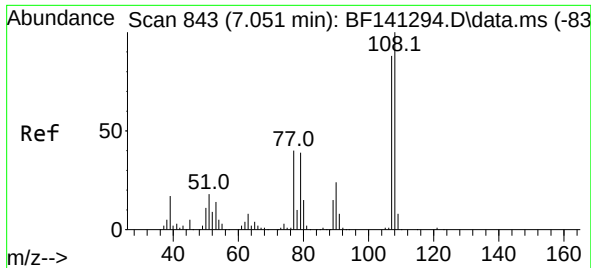
Tgt Ion: 79 Resp: 246928
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 63.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.041 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion: 45 Resp: 438487
Ion Ratio Lower Upper
45 100
77 28.9 0.0 31.8
79 25.3 0.0 29.1

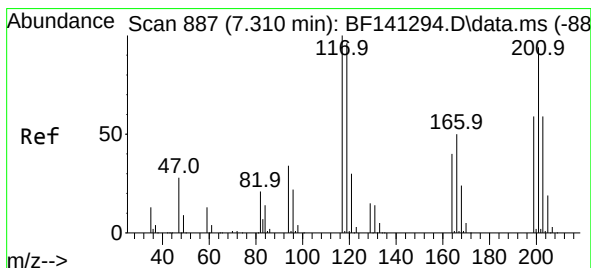
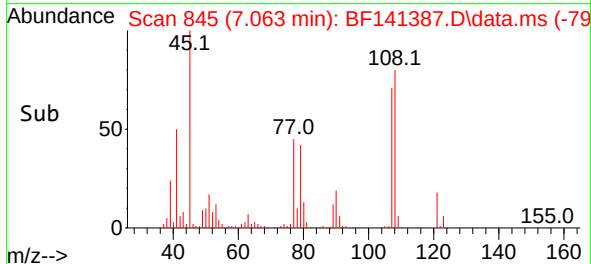
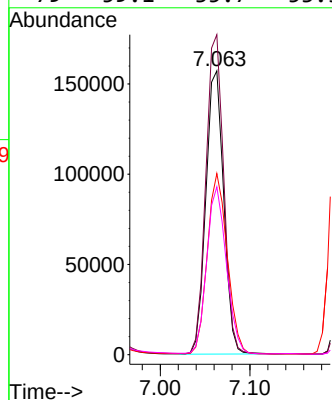
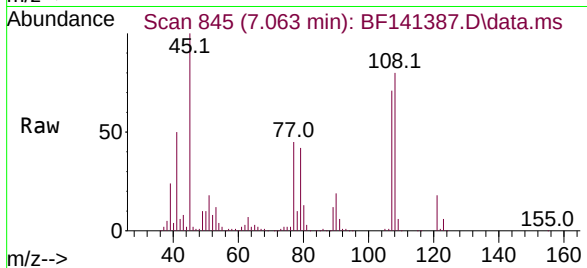




#17
2-Methylphenol
Concen: 43.917 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

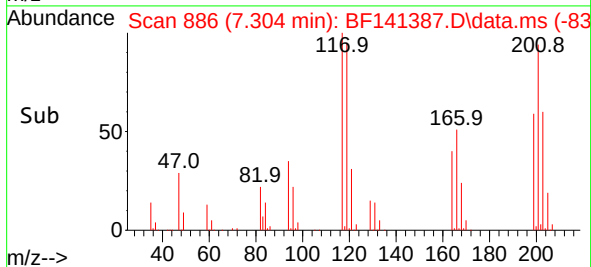
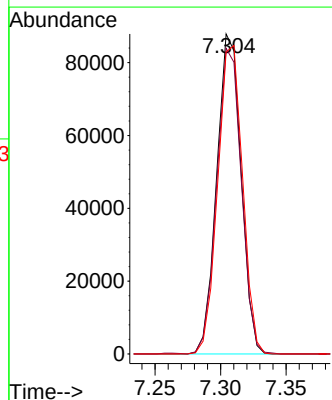
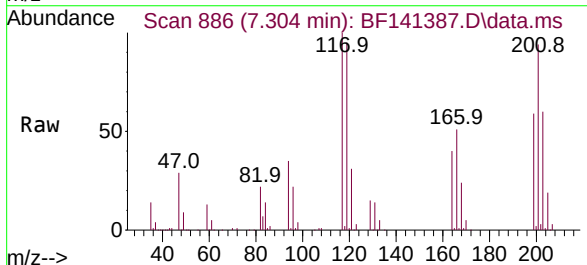
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

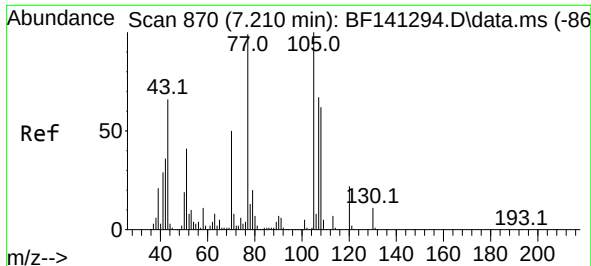
Tgt Ion:107 Resp: 216772
Ion Ratio Lower Upper
107 100
108 112.7 90.8 136.2
77 63.8 36.2 54.4#
79 59.1 35.7 53.5#



#18
Hexachloroethane
Concen: 45.685 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:117 Resp: 113376
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8
201 94.3 74.8 112.2



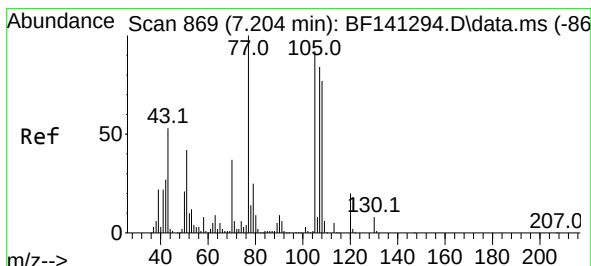
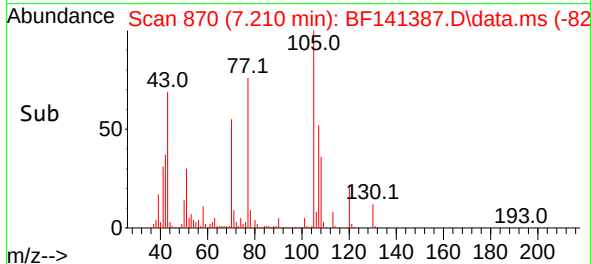
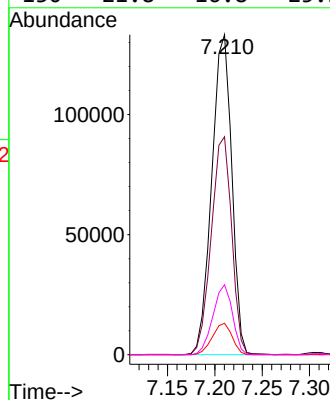
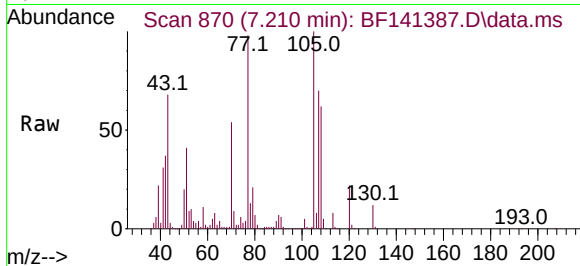


#19
n-Nitroso-di-n-propylamine
Concen: 45.664 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion: 70 Resp: 195583

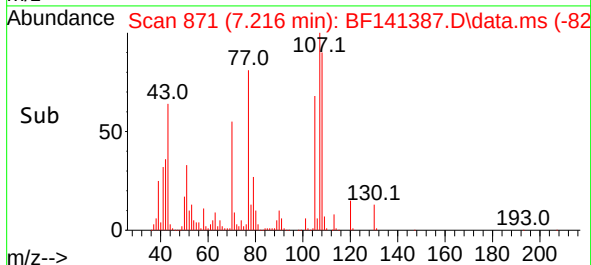
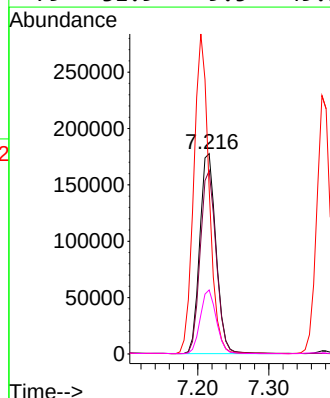
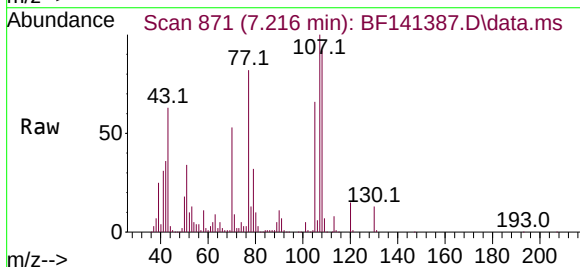
Ion	Ratio	Lower	Upper
70	100		
42	68.1	56.8	85.2
101	9.8	7.7	11.5
130	21.8	16.8	25.2

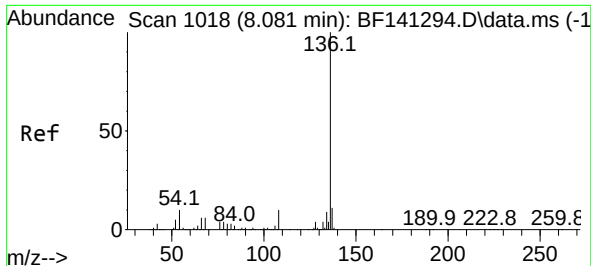


#20
3+4-Methylphenols
Concen: 46.653 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion: 107 Resp: 282742

Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.9	110.9
77	82.4	98.5	138.5#
79	31.9	9.5	49.5



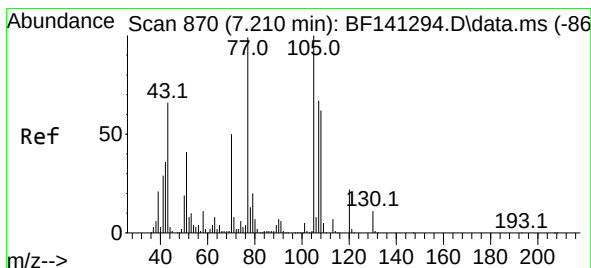
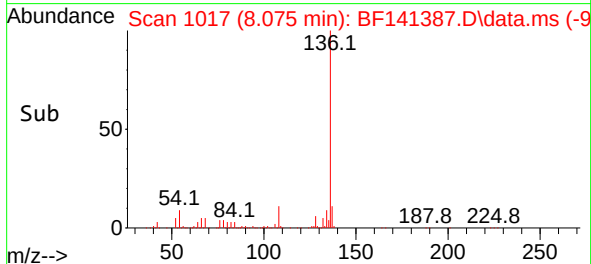
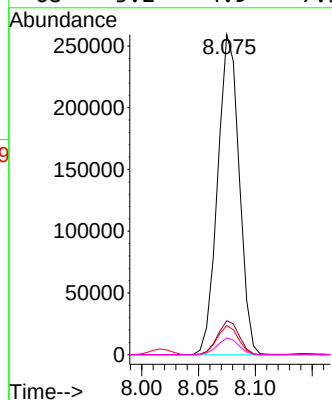
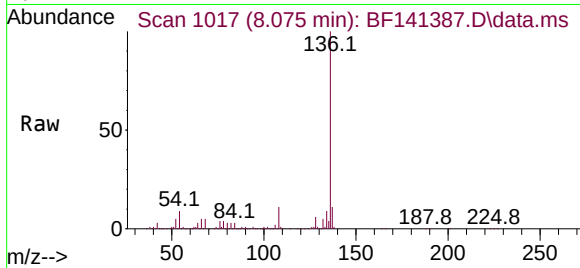


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:136 Resp: 341693

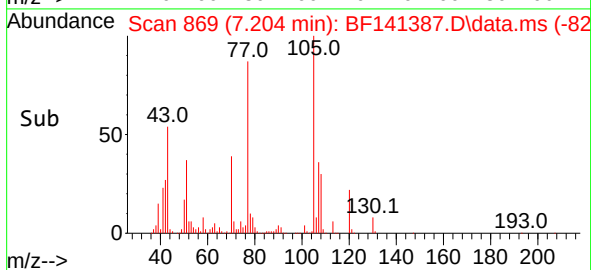
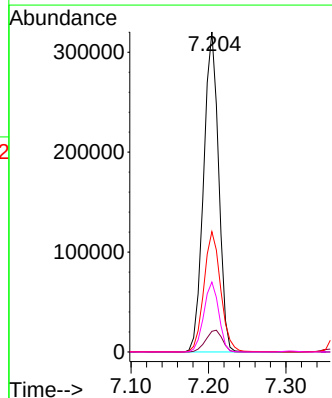
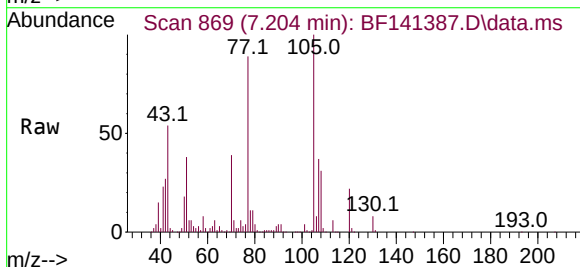
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.1	7.8	11.8
68	5.2	4.9	7.3

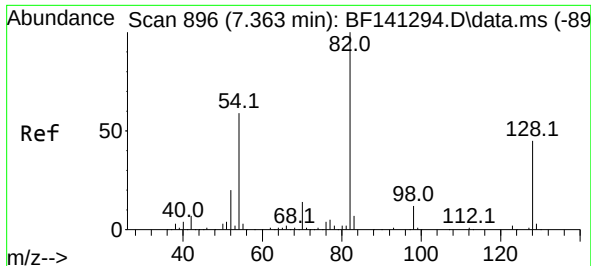


#22
Acetophenone
Concen: 53.153 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:105 Resp: 431712

Ion	Ratio	Lower	Upper
105	100		
71	6.4	6.8	10.2#
51	37.6	32.6	49.0
120	21.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 78.808 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

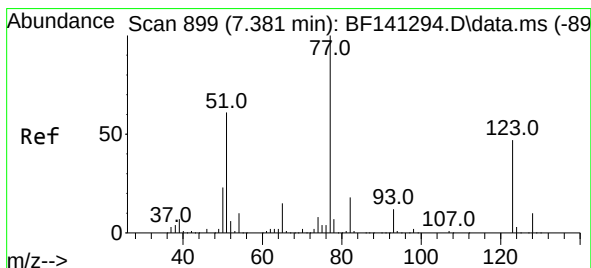
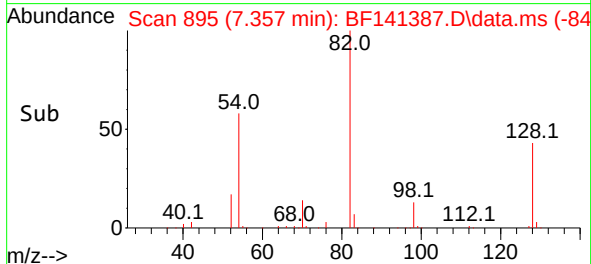
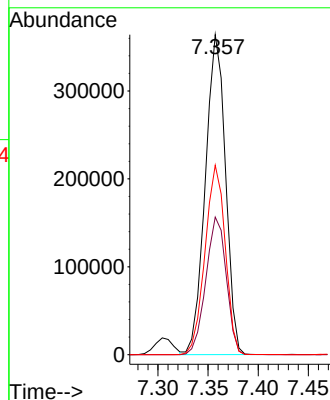
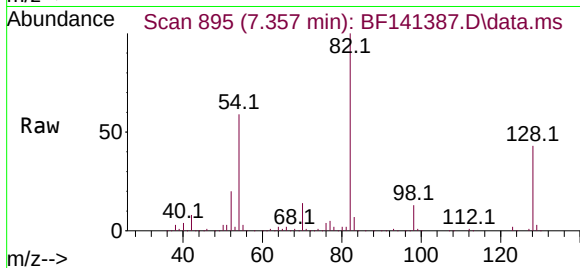
Tgt Ion: 82 Resp: 510813

Ion Ratio Lower Upper

82 100

128 43.0 35.7 53.5

54 59.2 47.1 70.7



#24

Nitrobenzene

Concen: 44.104 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

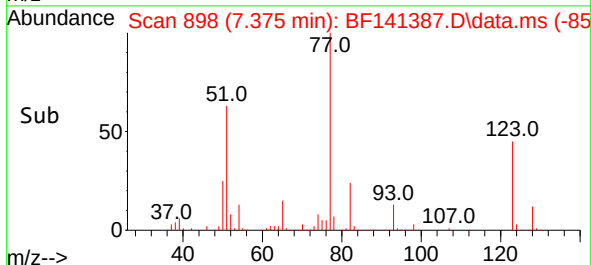
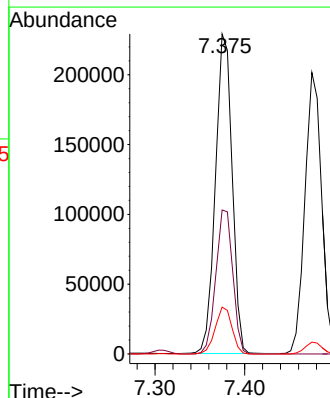
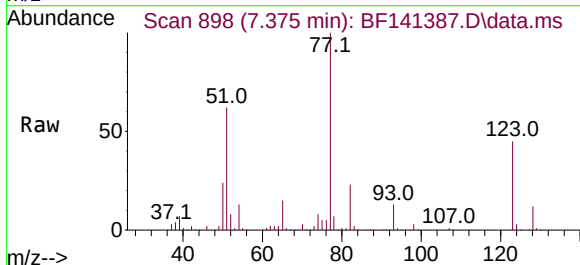
Tgt Ion: 77 Resp: 296247

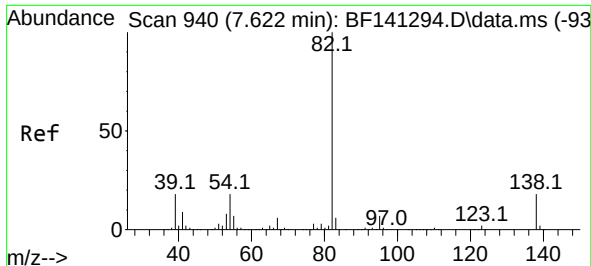
Ion Ratio Lower Upper

77 100

123 45.0 37.3 55.9

65 14.7 11.8 17.6

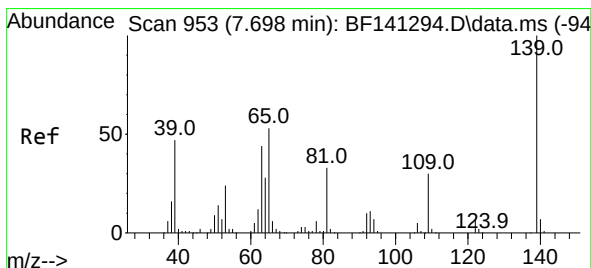
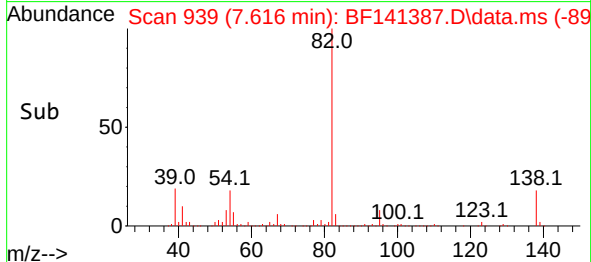
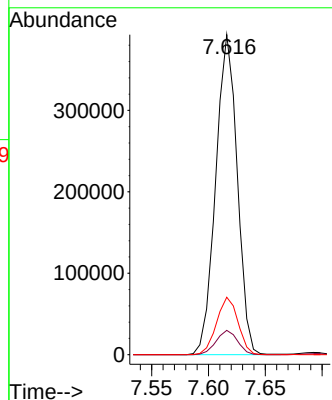
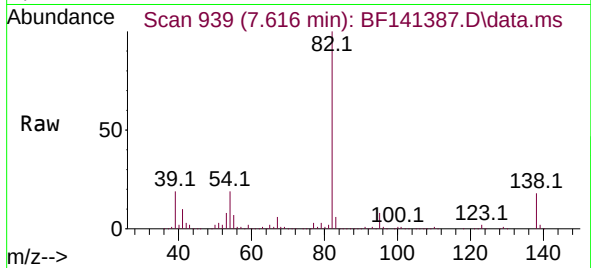




#25
Isophorone
Concen: 46.248 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

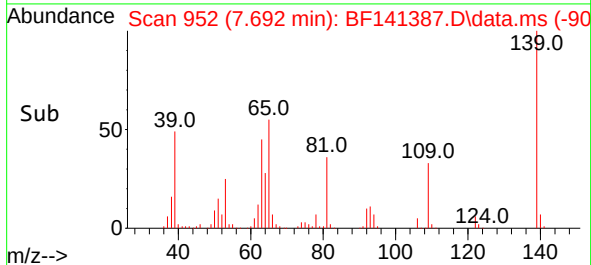
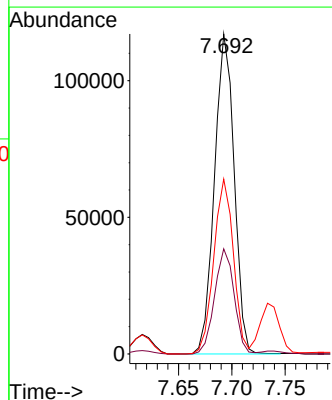
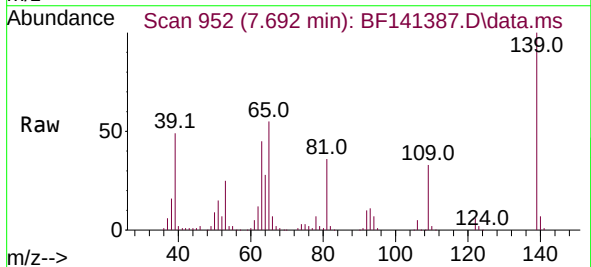
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

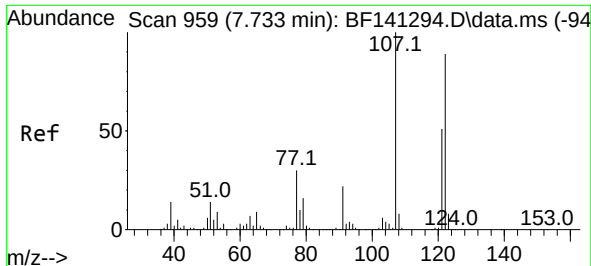
Tgt Ion: 82 Resp: 518170
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 17.9 14.7 22.1



#26
2-Nitrophenol
Concen: 47.434 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:139 Resp: 150266
Ion Ratio Lower Upper
139 100
109 32.8 23.8 35.6
65 54.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 55.148 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141387.D

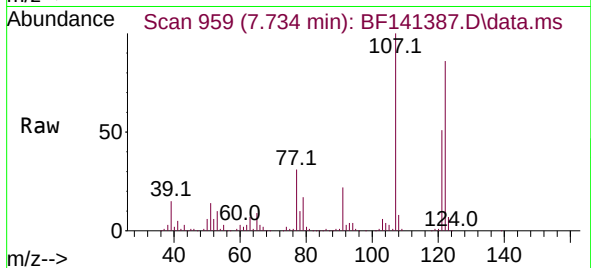
Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS



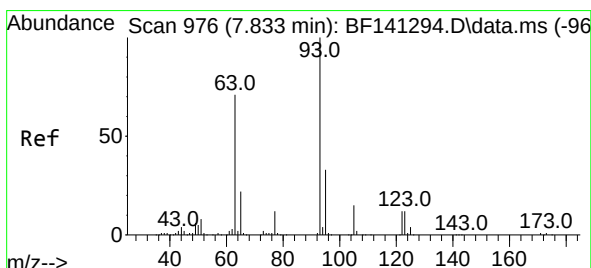
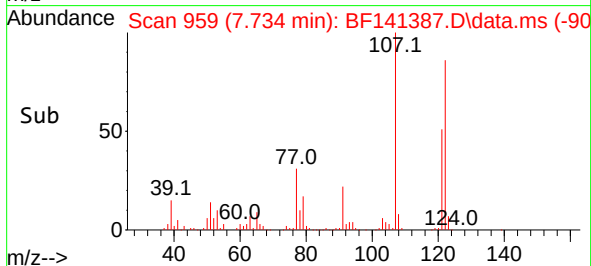
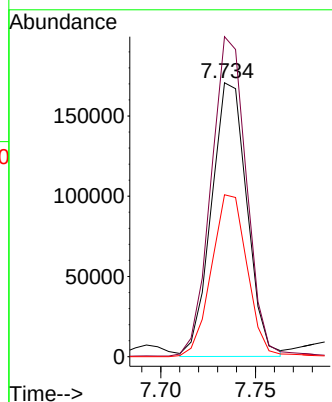
Tgt Ion:122 Resp: 222364

Ion Ratio Lower Upper

122 100

107 116.8 89.9 134.9

121 59.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.140 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

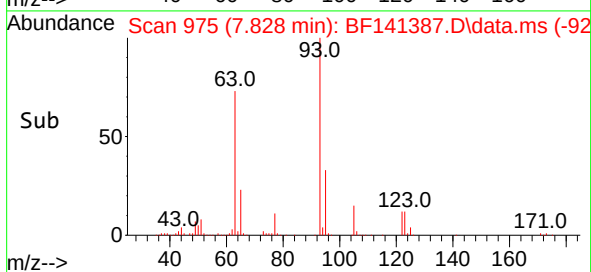
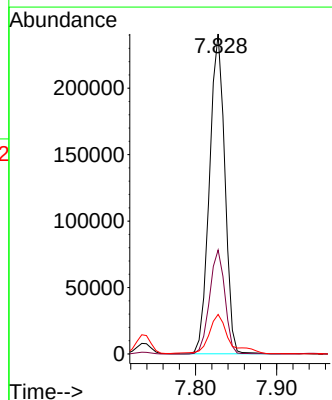
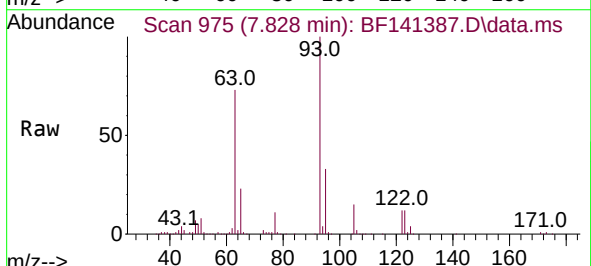
Tgt Ion: 93 Resp: 315461

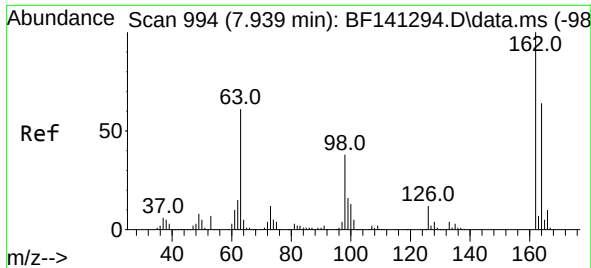
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.564 ng

RT: 7.945 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

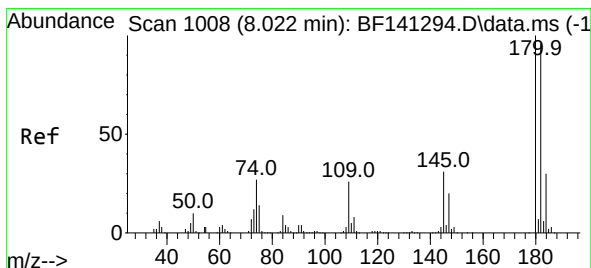
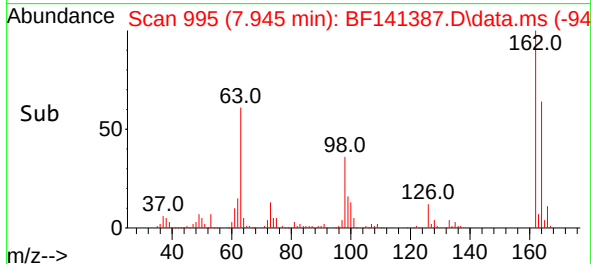
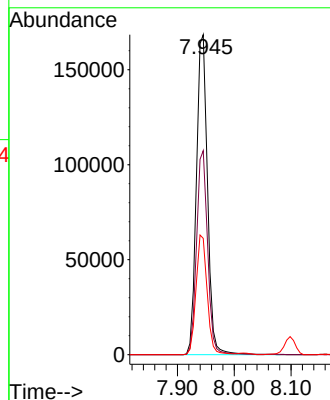
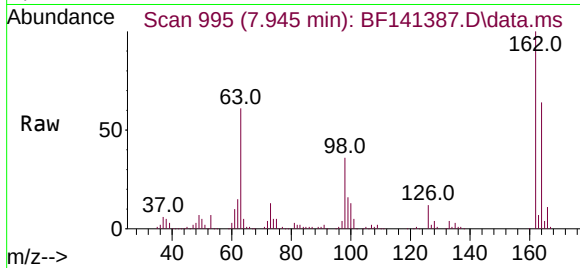
Tgt Ion:162 Resp: 229855

Ion Ratio Lower Upper

162 100

164 63.7 44.2 84.2

98 36.3 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 43.856 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

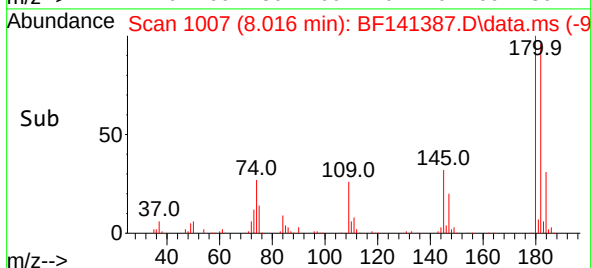
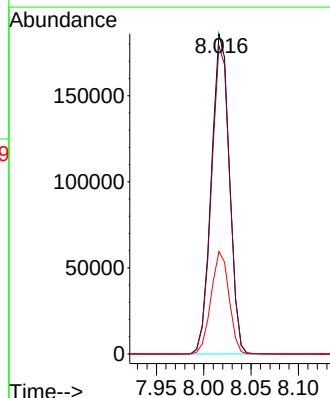
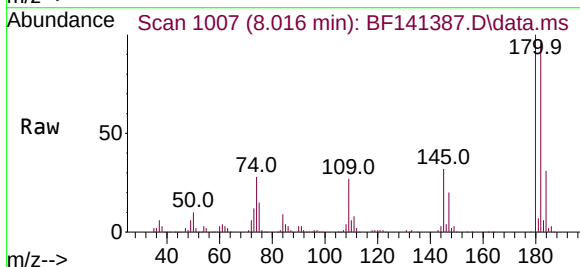
Tgt Ion:180 Resp: 247233

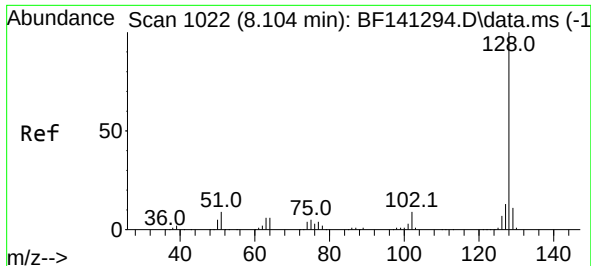
Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

145 32.0 24.9 37.3

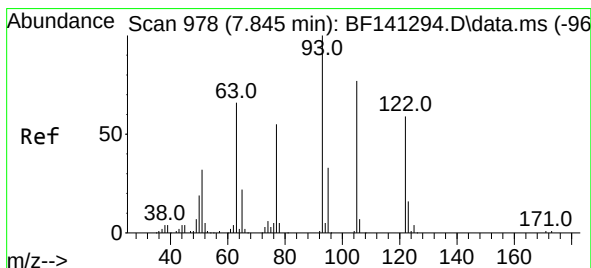
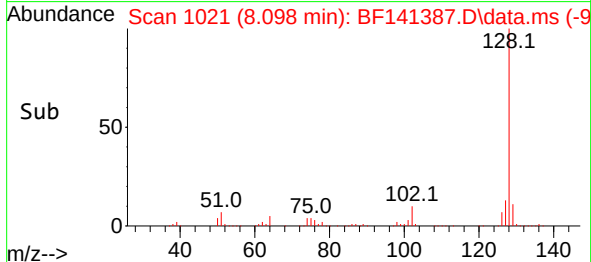
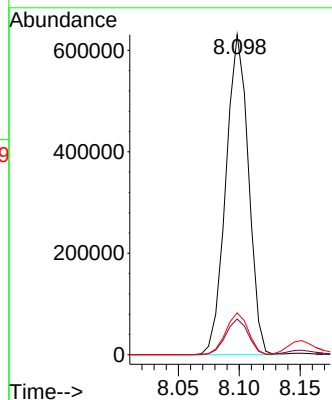
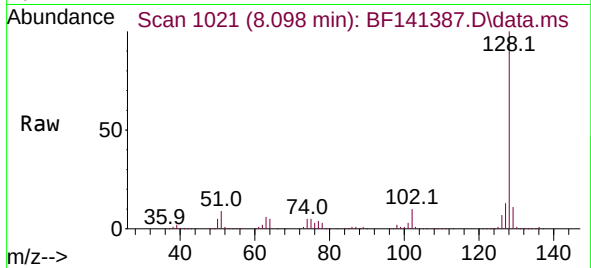




#31
Naphthalene
Concen: 45.173 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

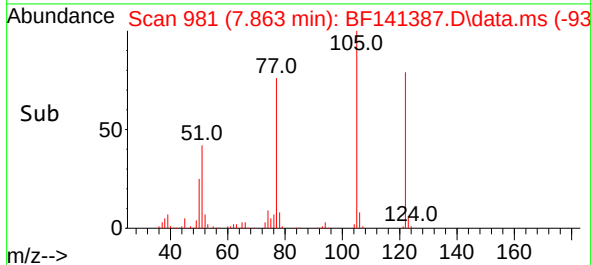
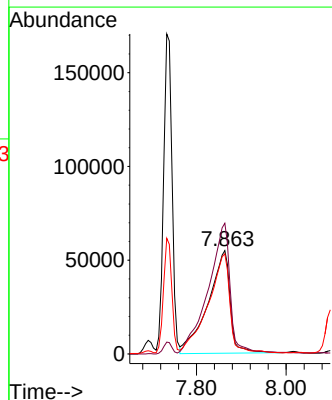
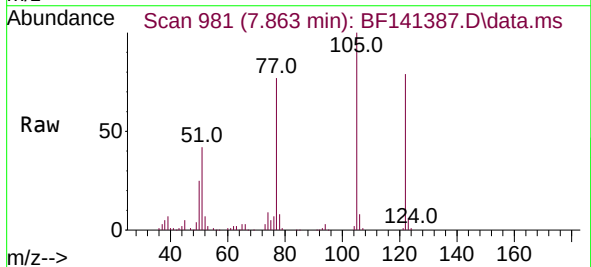
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

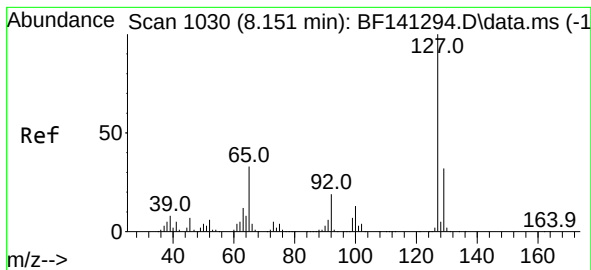
Tgt Ion:128 Resp: 815414
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 50.748 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:122 Resp: 188107
Ion Ratio Lower Upper
122 100
105 126.4 103.4 143.4
77 96.9 70.9 110.9





#33

4-Chloroaniline

Concen: 8.583 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

Tgt Ion:127 Resp: 52536

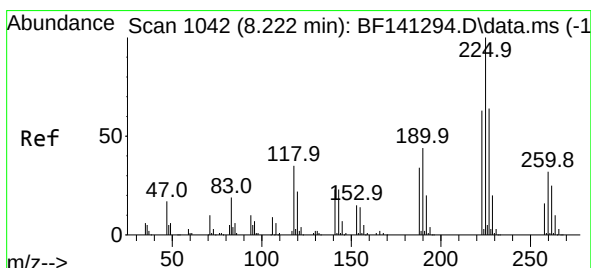
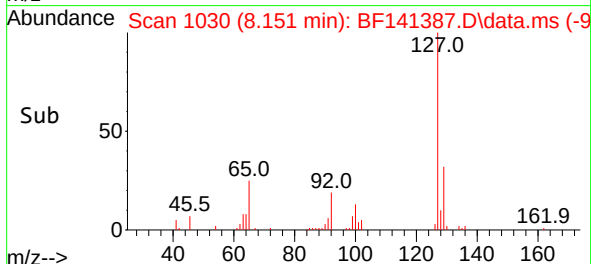
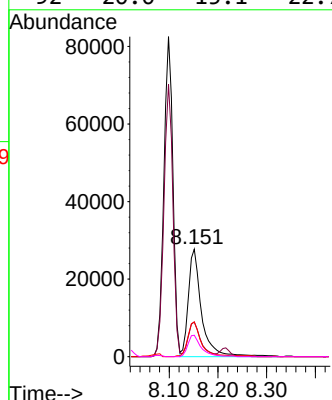
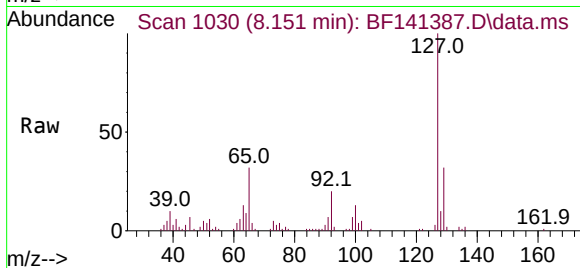
Ion Ratio Lower Upper

127 100

129 32.3 25.7 38.5

65 32.3 26.4 39.6

92 20.0 15.1 22.7



#34

Hexachlorobutadiene

Concen: 46.173 ng

RT: 8.216 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

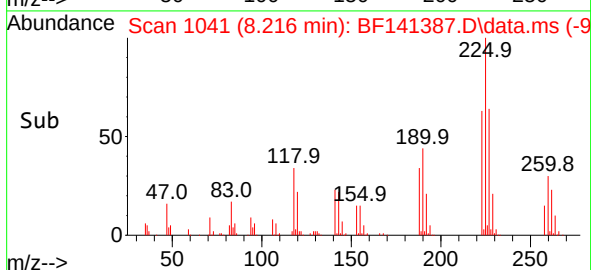
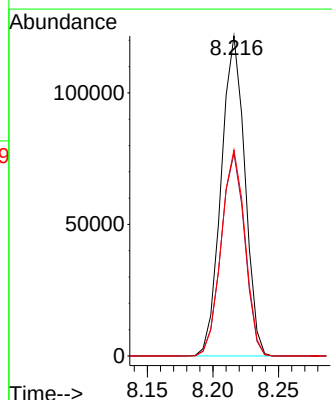
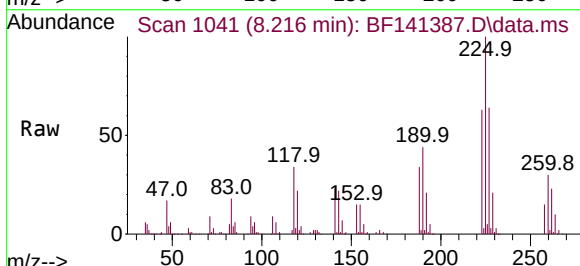
Tgt Ion:225 Resp: 152646

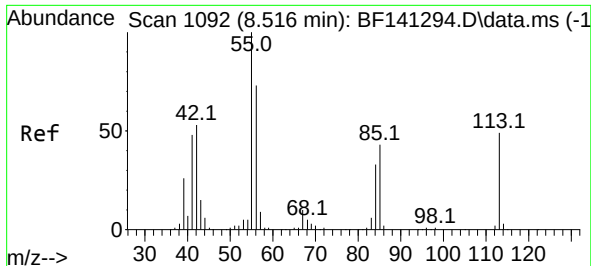
Ion Ratio Lower Upper

225 100

223 63.3 50.4 75.6

227 64.4 51.3 76.9

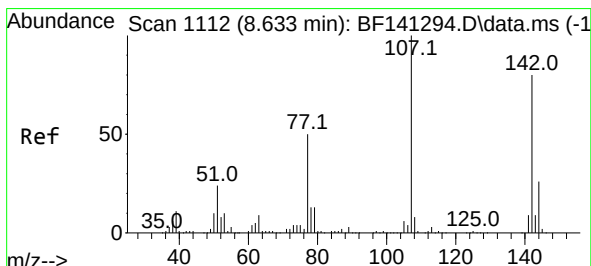
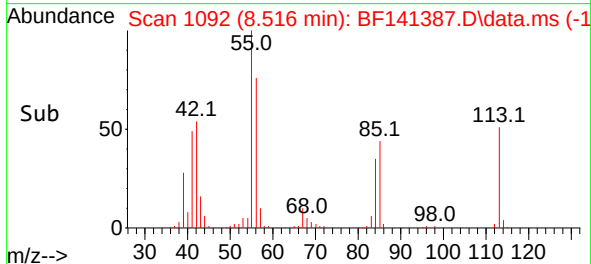
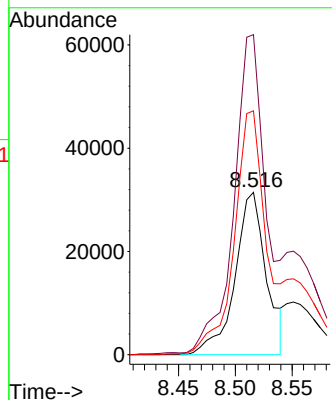
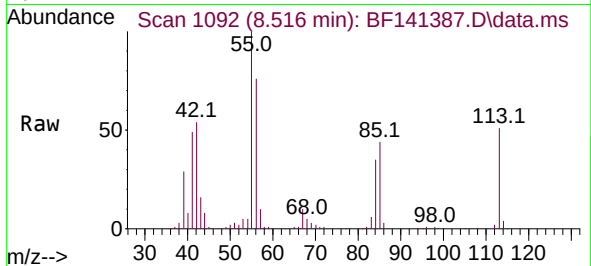




#35
 Caprolactam
 Concen: 37.260 ng
 RT: 8.516 min Scan# 1114
 Delta R.T. -0.029 min
 Lab File: BF141387.D
 Acq: 03 Feb 2025 23:30

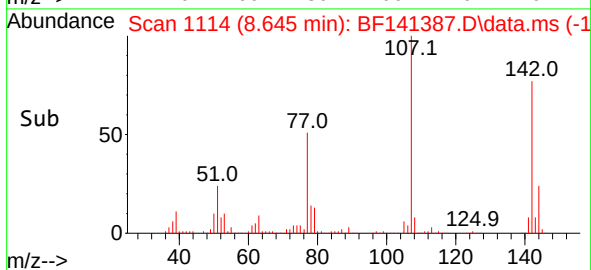
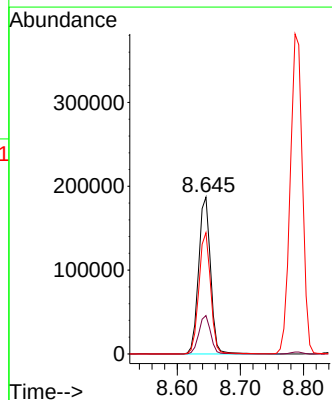
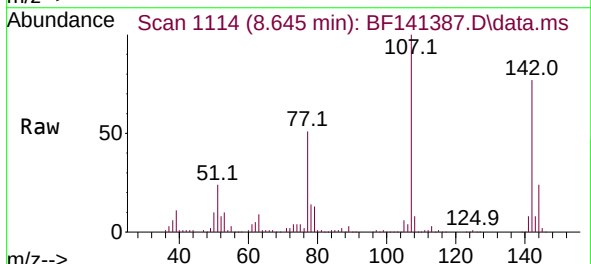
Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS

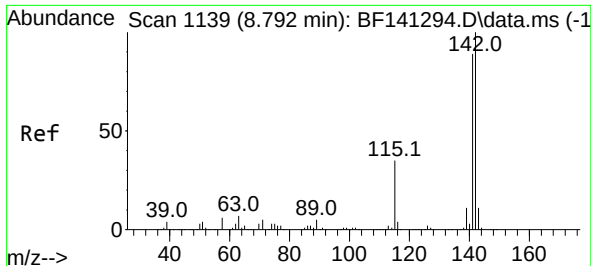
Tgt Ion:113 Resp: 60068
 Ion Ratio Lower Upper
 113 100
 55 197.0 182.9 222.9
 56 150.1 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.468 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF141387.D
 Acq: 03 Feb 2025 23:30

Tgt Ion:107 Resp: 246044
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.7 31.1
 142 77.4 63.8 95.8

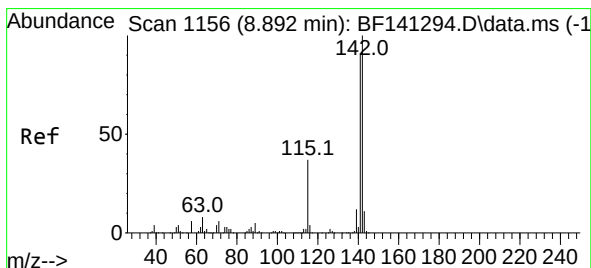
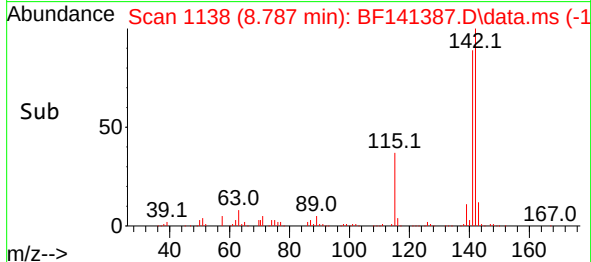
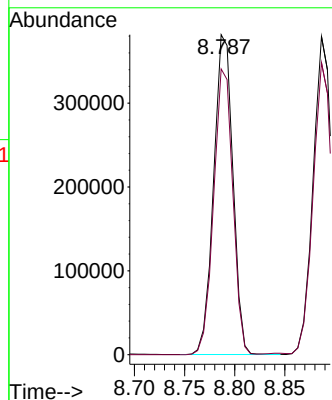
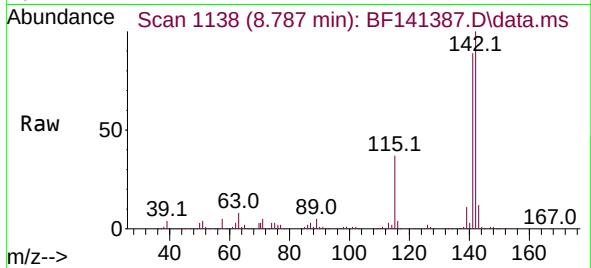




#37
2-Methylnaphthalene
Concen: 44.300 ng
RT: 8.787 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

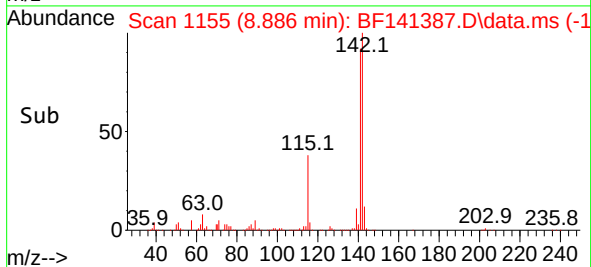
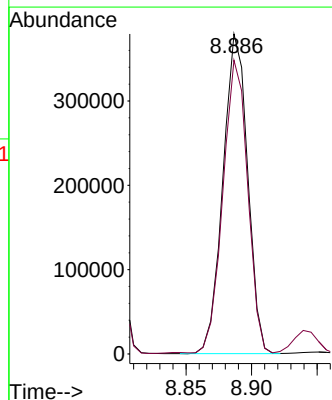
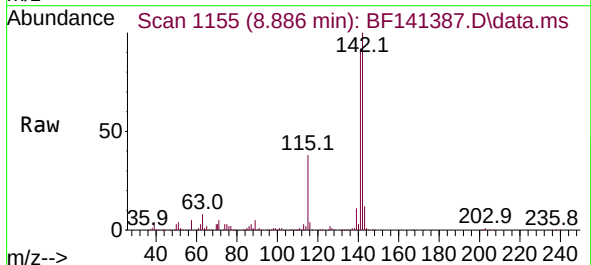
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

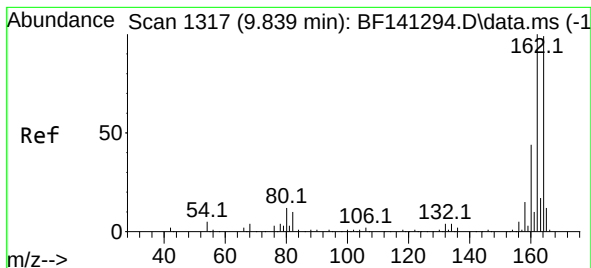
Tgt Ion:142 Resp: 508246
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9



#38
1-Methylnaphthalene
Concen: 44.032 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:142 Resp: 496234
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

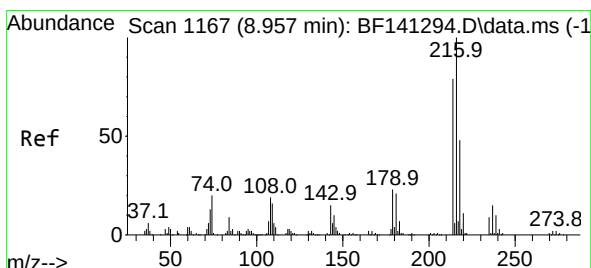
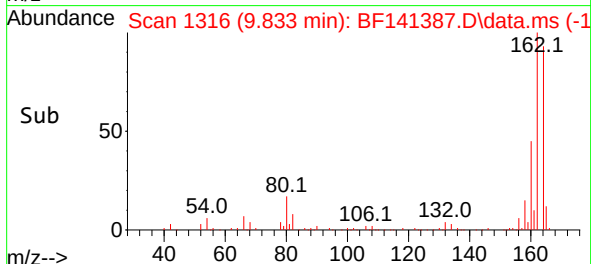
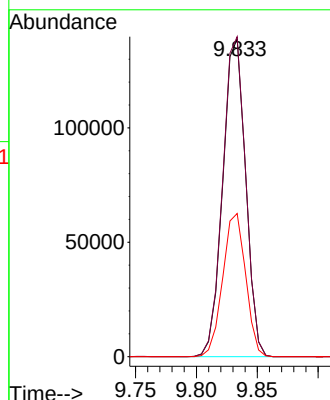
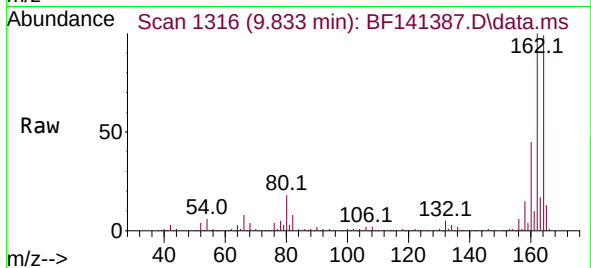
Tgt Ion:164 Resp: 181294

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

160 45.1 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.493 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion:216 Resp: 270737

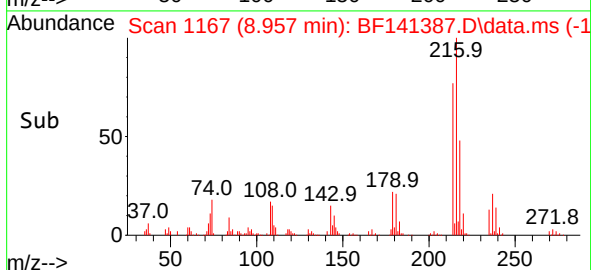
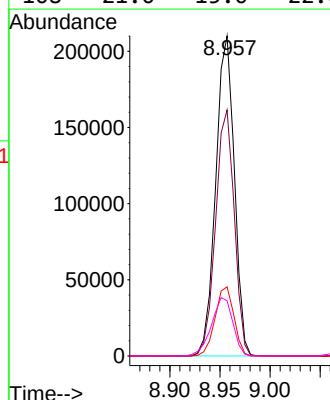
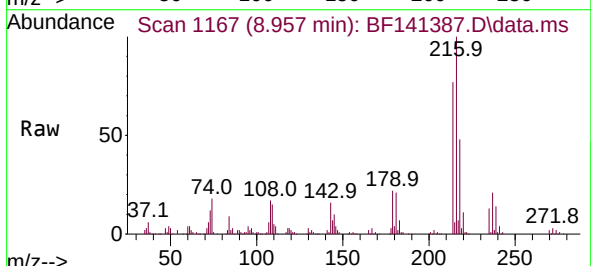
Ion Ratio Lower Upper

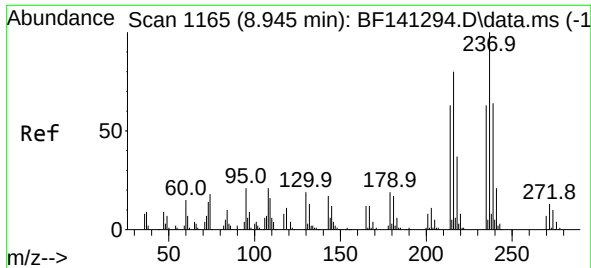
216 100

214 77.1 63.2 94.8

179 21.9 17.8 26.8

108 21.0 15.0 22.6

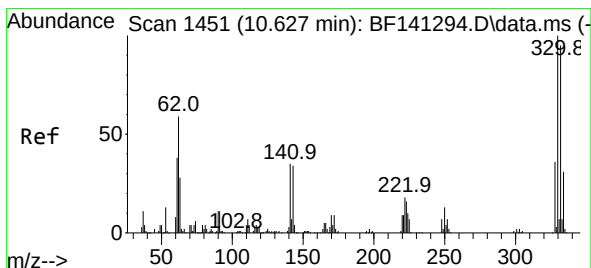
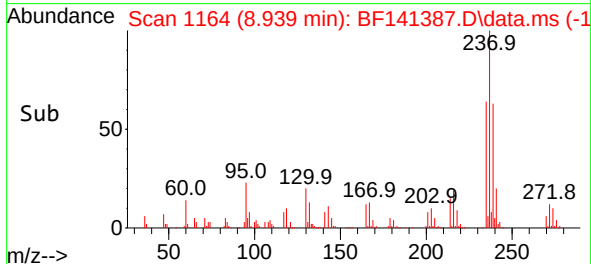
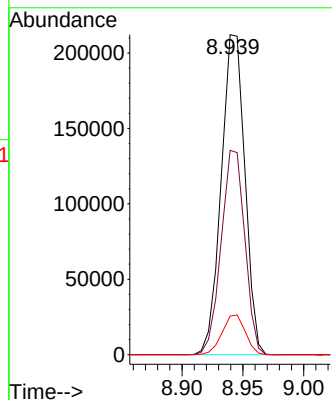
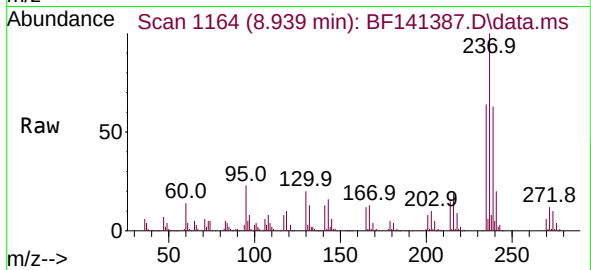




#41
Hexachlorocyclopentadiene
Concen: 188.859 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

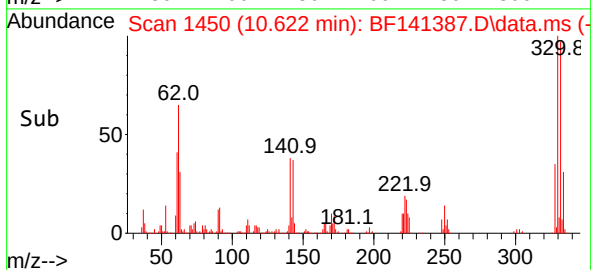
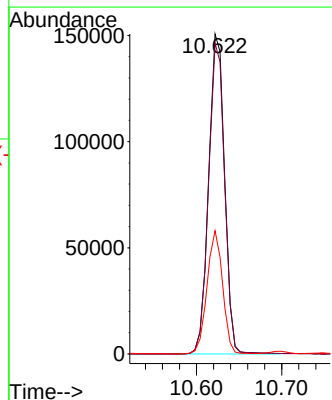
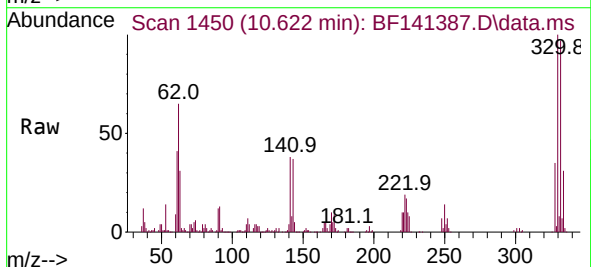
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

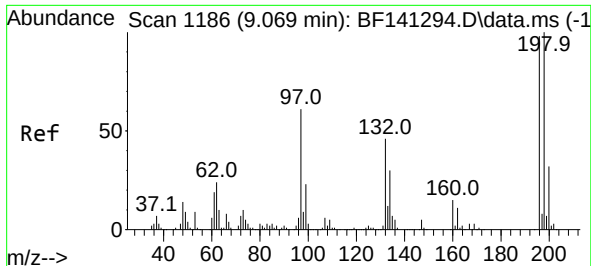
Tgt Ion:237 Resp: 287668
Ion Ratio Lower Upper
237 100
235 63.8 42.9 82.9
272 12.1 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 117.880 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:330 Resp: 195923
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 37.8 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 47.215 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

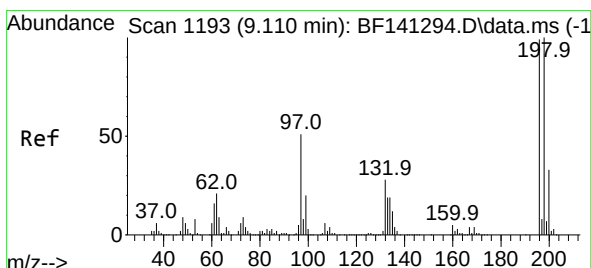
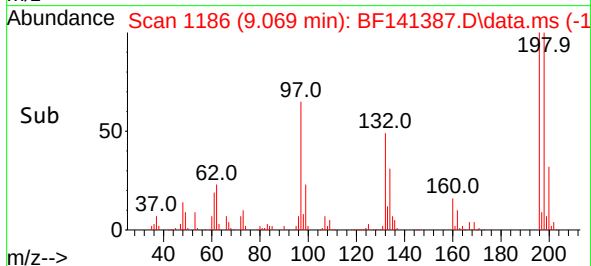
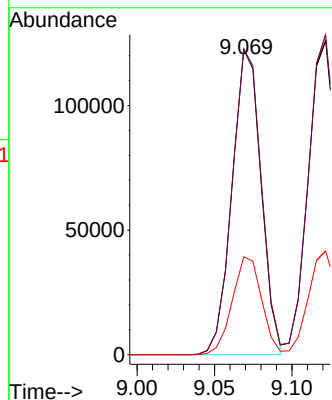
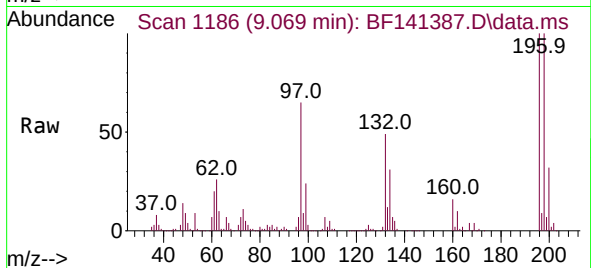
Tgt Ion:196 Resp: 159390

Ion Ratio Lower Upper

196 100

198 100.2 81.8 122.6

200 32.1 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 46.401 ng

RT: 9.122 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion:196 Resp: 170486

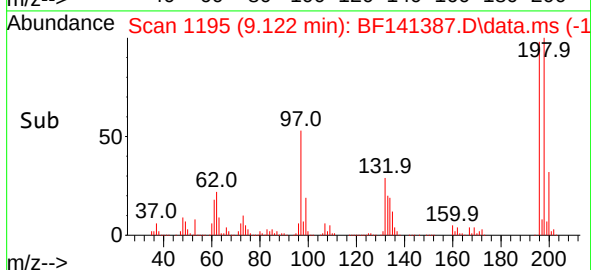
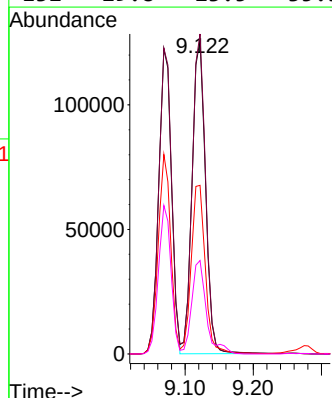
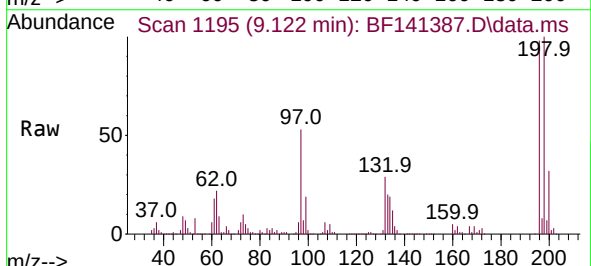
Ion Ratio Lower Upper

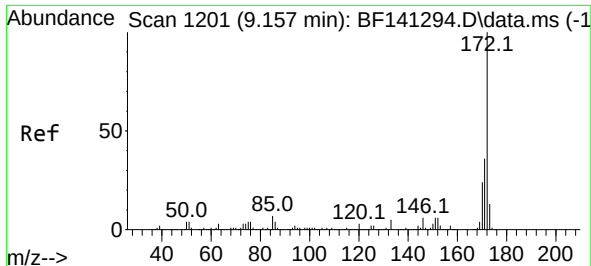
196 100

198 101.9 80.5 120.7

97 53.7 42.8 64.2

132 29.8 23.5 35.3

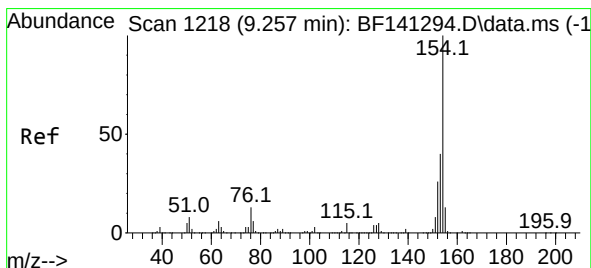
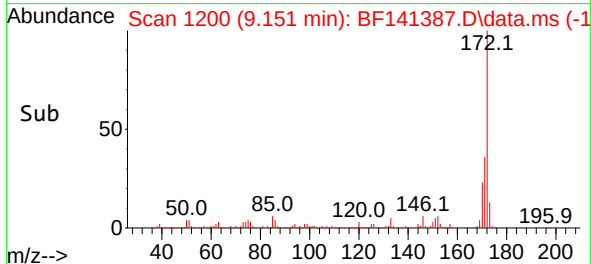
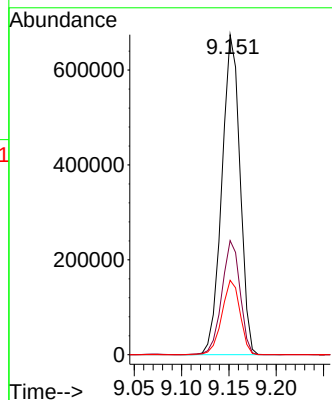
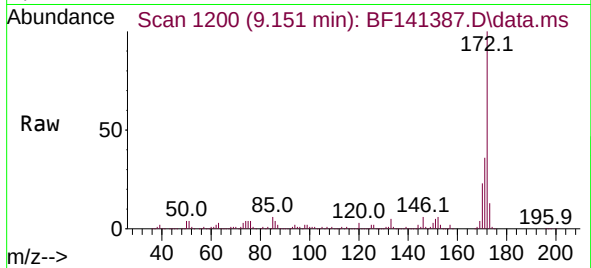




#45
2-Fluorobiphenyl
Concen: 76.538 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

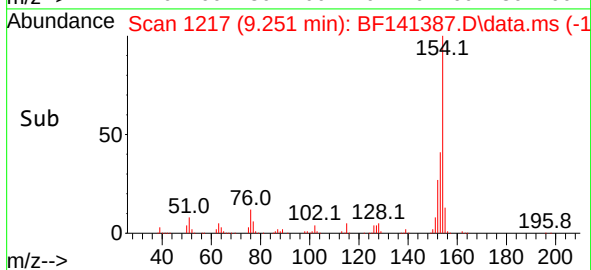
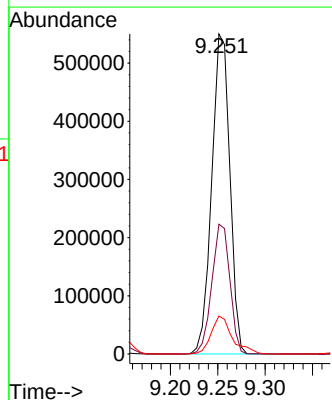
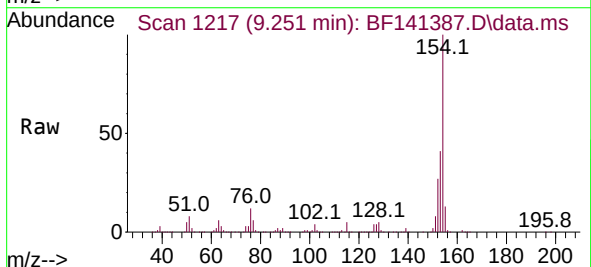
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

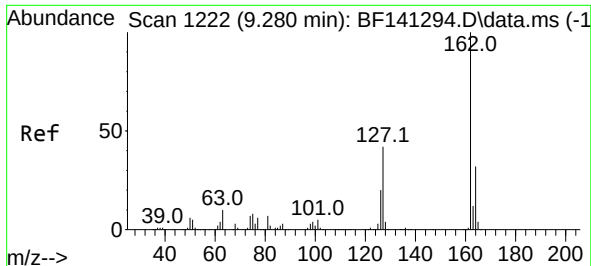
Tgt Ion:172 Resp: 901508
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 51.592 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:154 Resp: 729449
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 11.9 0.0 32.8

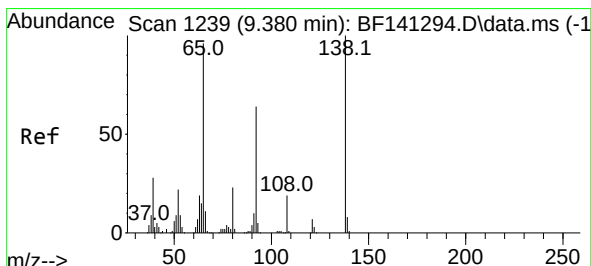
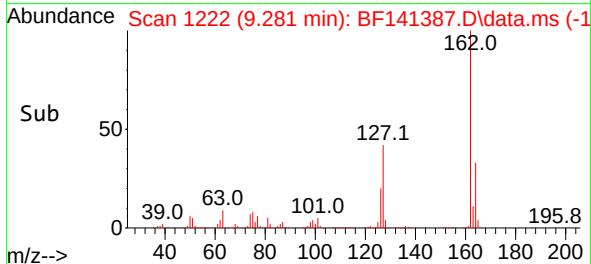
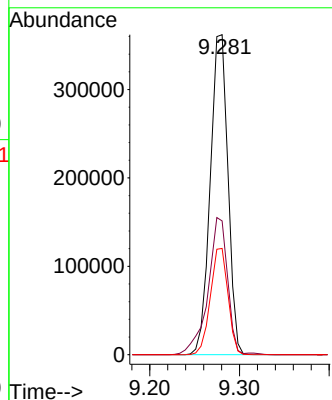
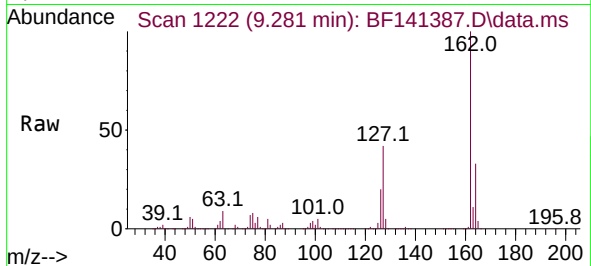




#47
2-Chloronaphthalene
Concen: 45.019 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

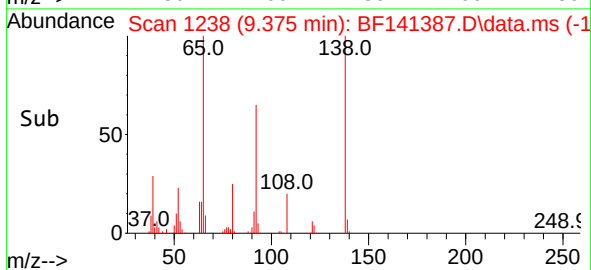
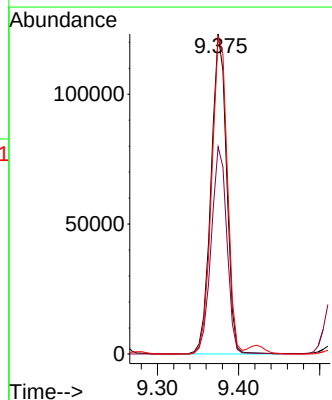
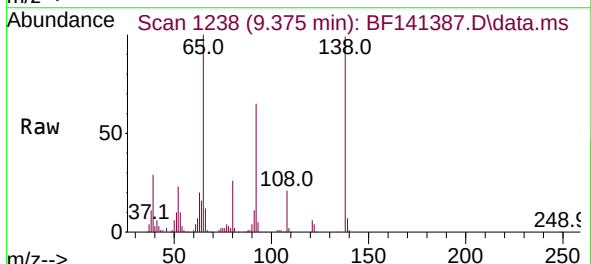
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

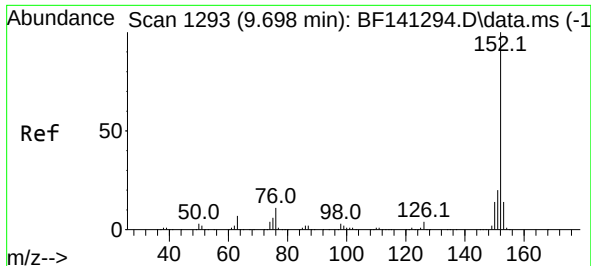
Tgt Ion:162 Resp: 496124
Ion Ratio Lower Upper
162 100
127 41.8 33.7 50.5
164 33.2 25.9 38.9



#48
2-Nitroaniline
Concen: 47.221 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion: 65 Resp: 163684
Ion Ratio Lower Upper
65 100
92 64.8 53.3 79.9
138 99.1 83.6 125.4

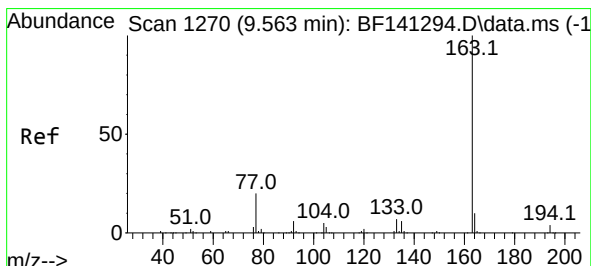
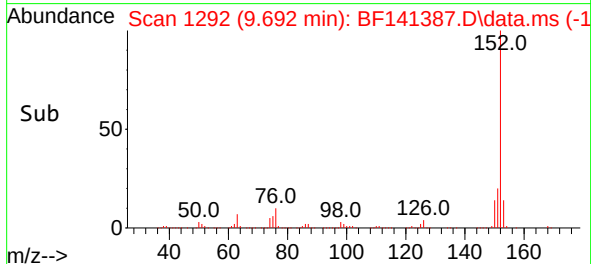
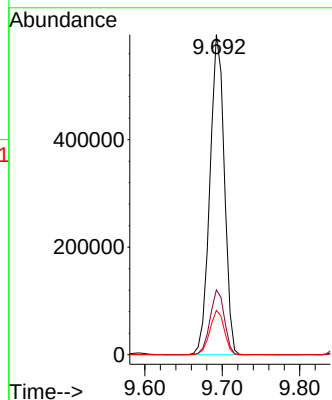
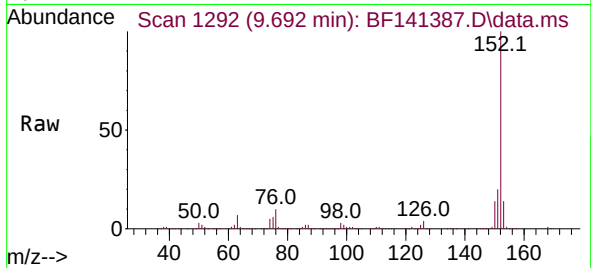




#49
Acenaphthylene
Concen: 49.843 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

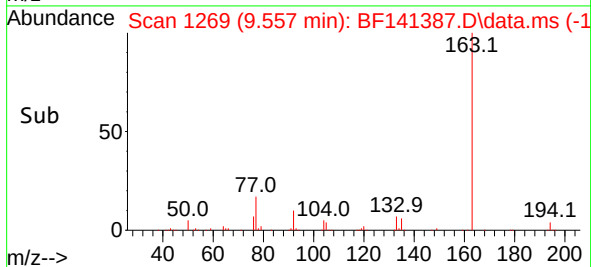
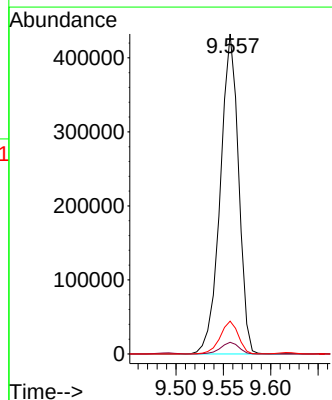
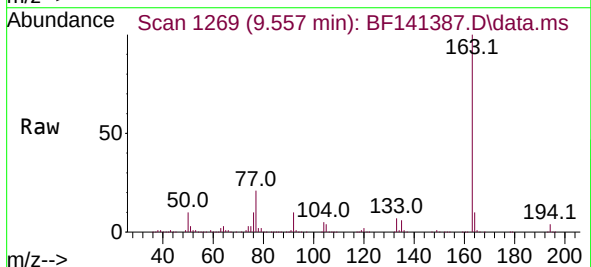
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

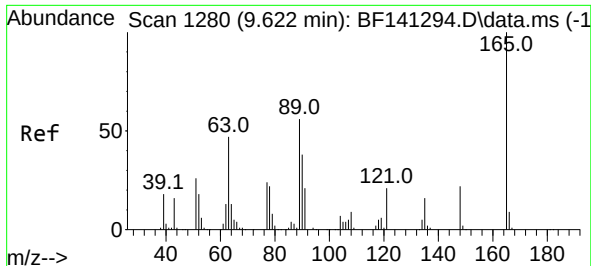
Tgt Ion:152 Resp: 768904
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.8 11.0 16.6



#50
Dimethylphthalate
Concen: 47.433 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:163 Resp: 580794
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.3 8.0 12.0

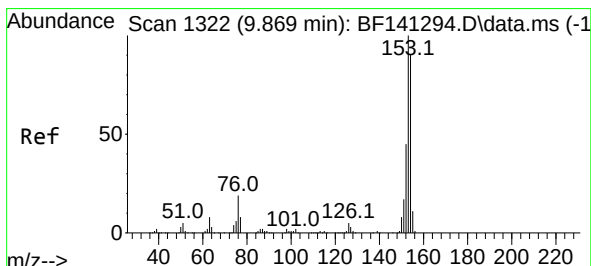
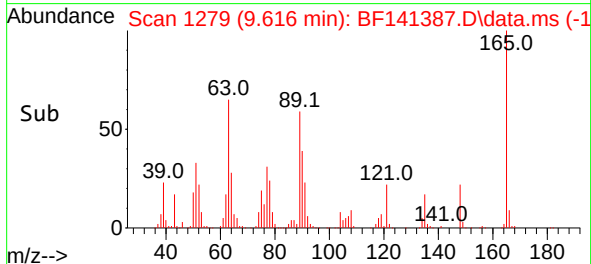
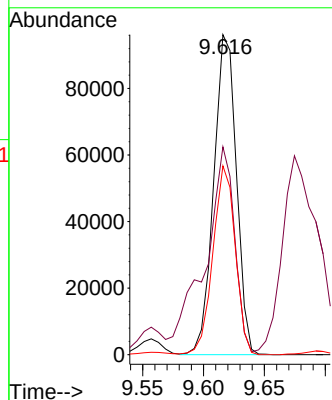
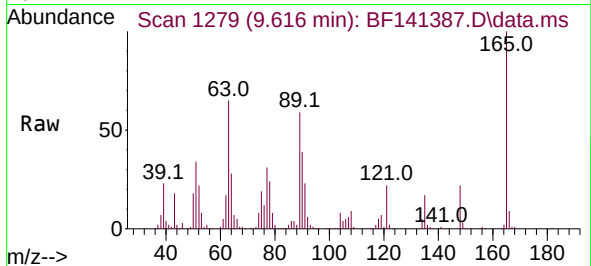




#51
2,6-Dinitrotoluene
Concen: 43.850 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

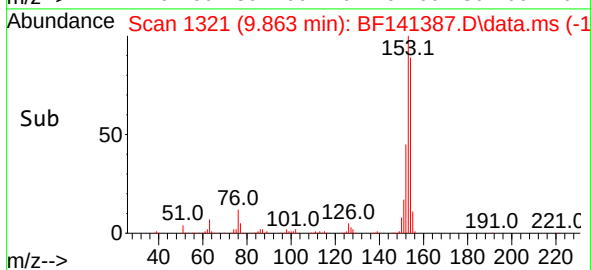
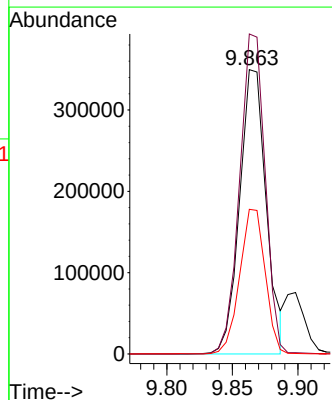
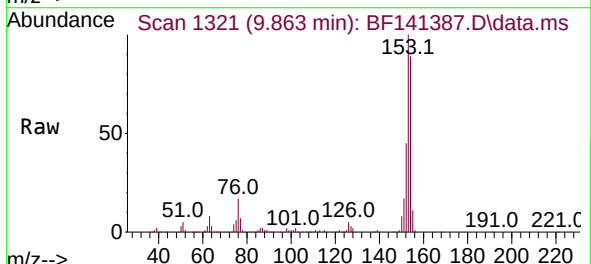
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

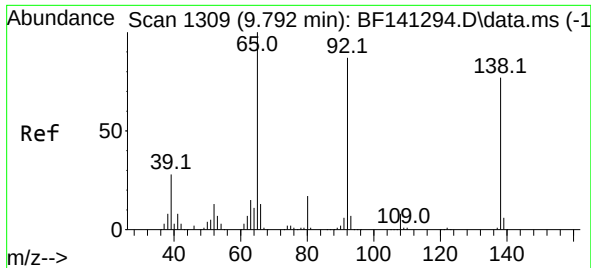
Tgt Ion:165 Resp: 124666
Ion Ratio Lower Upper
165 100
63 65.0 48.1 72.1
89 59.0 44.9 67.3



#52
Acenaphthene
Concen: 44.901 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:154 Resp: 494844
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.4
152 50.9 40.2 60.4

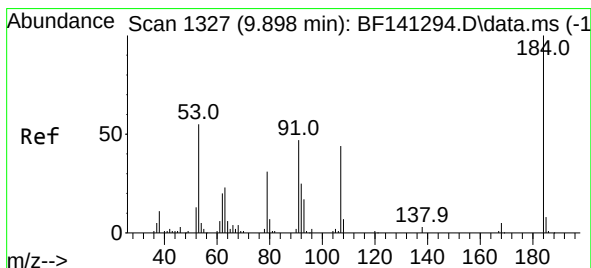
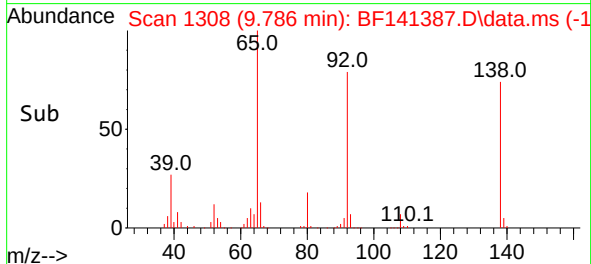
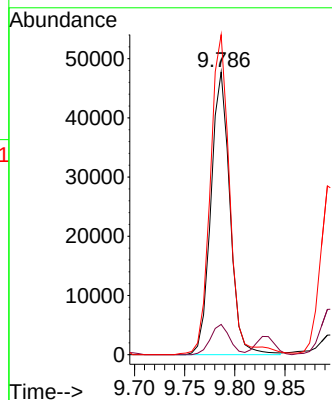
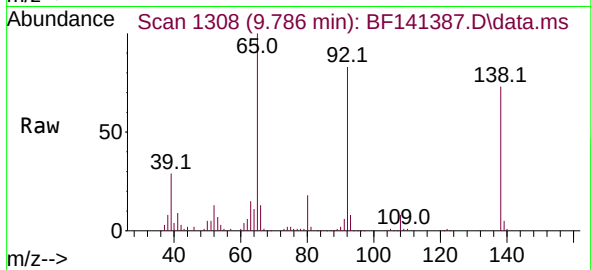




#53
3-Nitroaniline
Concen: 22.574 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

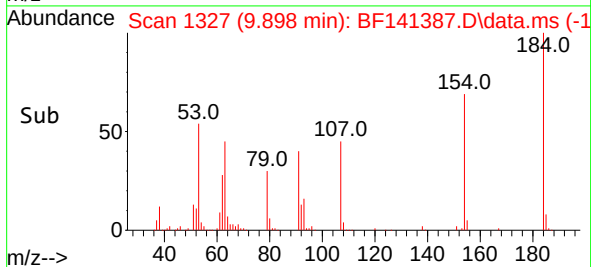
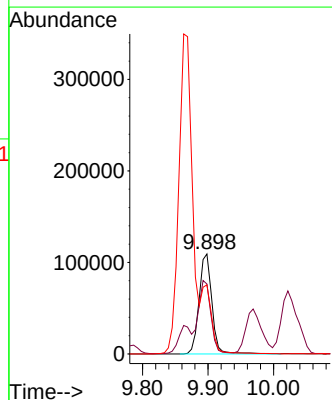
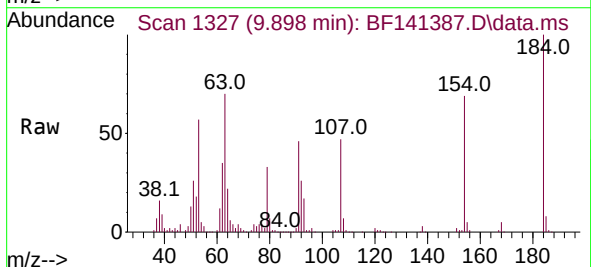
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

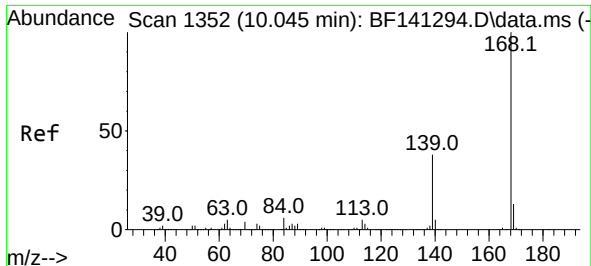
Tgt Ion:138 Resp: 62903
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 113.2 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 113.090 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

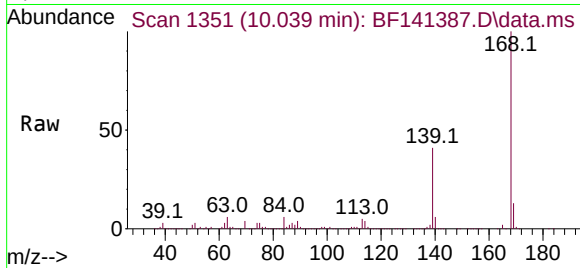
Tgt Ion:184 Resp: 149460
Ion Ratio Lower Upper
184 100
63 69.9 54.1 81.1
154 69.1 50.7 76.1



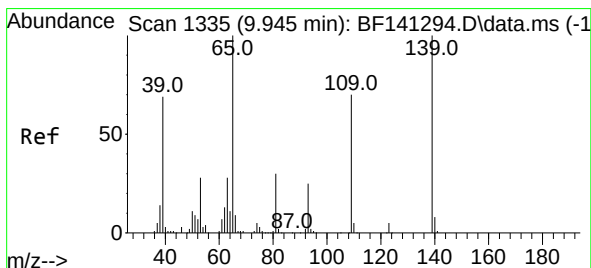
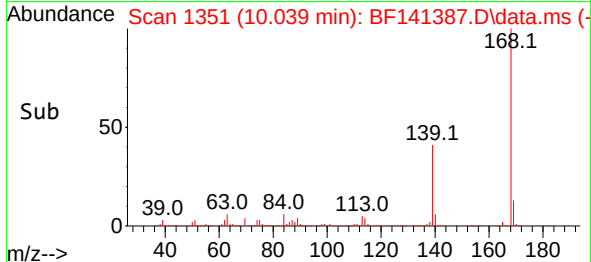
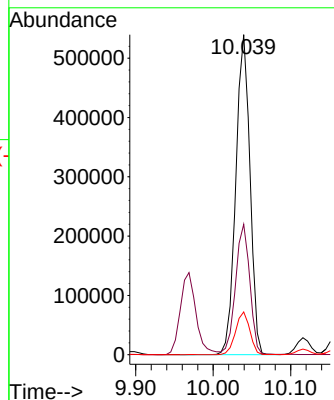


#55
Dibenzenofuran
Concen: 46.565 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

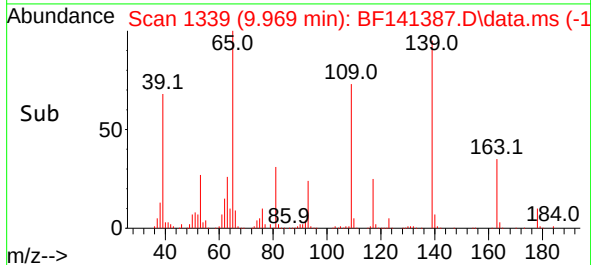
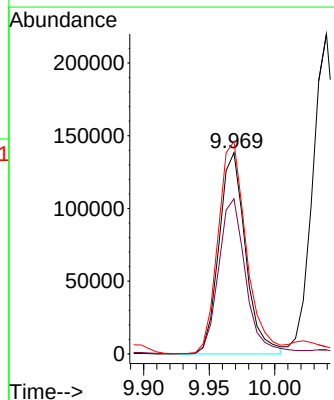
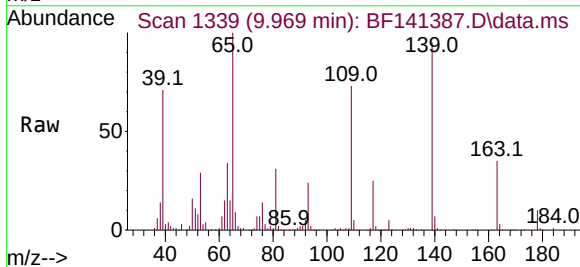


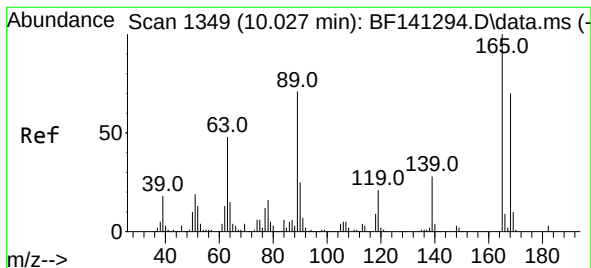
Tgt Ion:168 Resp: 686926
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 95.421 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:139 Resp: 194455
Ion Ratio Lower Upper
139 100
109 77.1 50.2 90.2
65 105.5 80.6 120.6

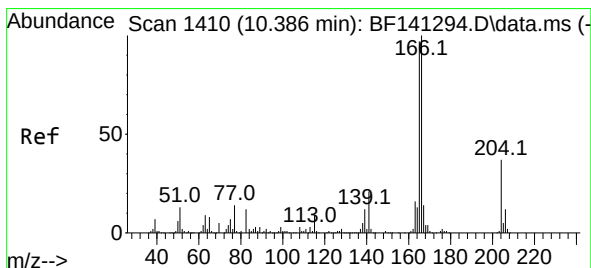
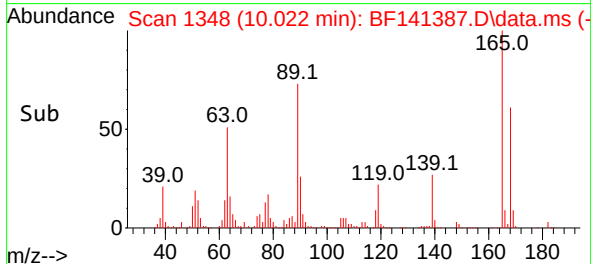
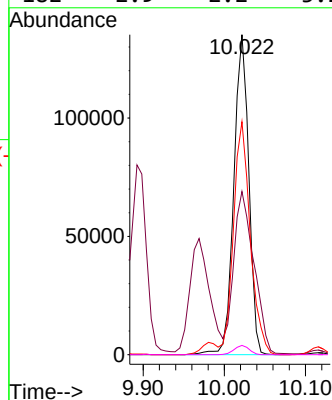
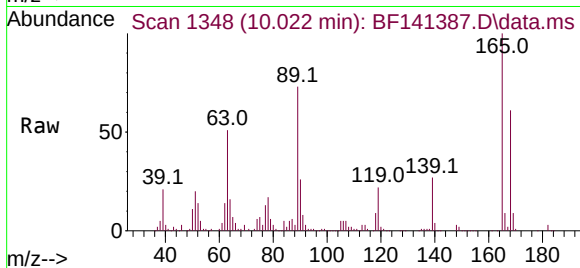




#57
2,4-Dinitrotoluene
Concen: 46.874 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

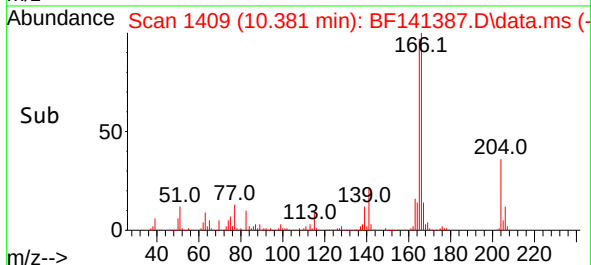
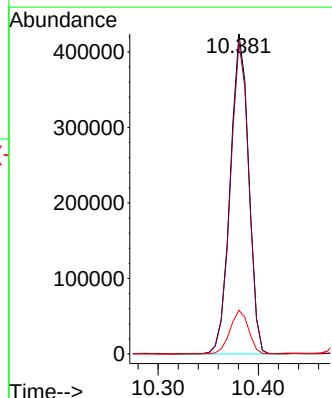
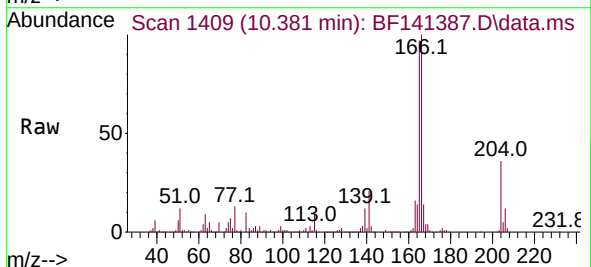
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

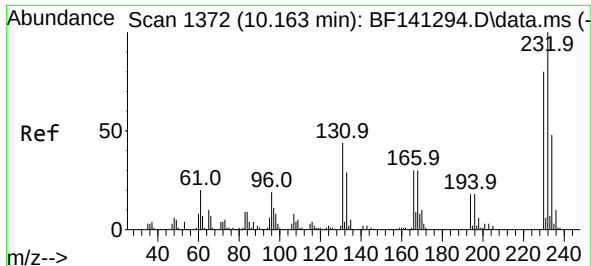
Tgt Ion:165 Resp: 172539
Ion Ratio Lower Upper
165 100
63 51.0 39.2 58.8
89 72.8 56.9 85.3
182 2.9 2.2 3.2



#58
Fluorene
Concen: 47.232 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:166 Resp: 540469
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.7 10.9 16.3

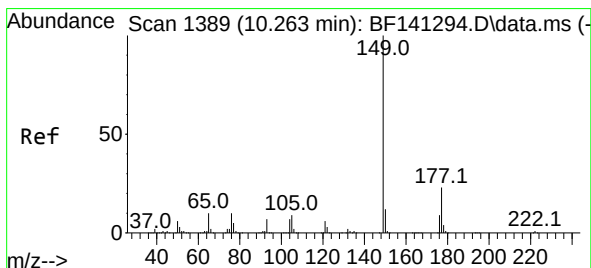
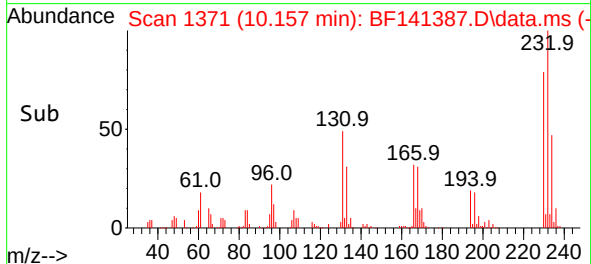
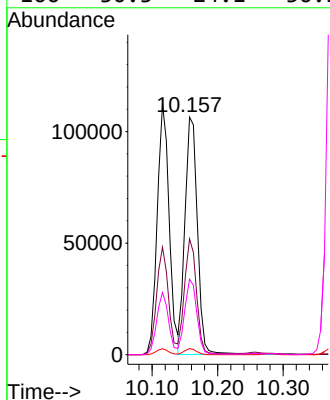
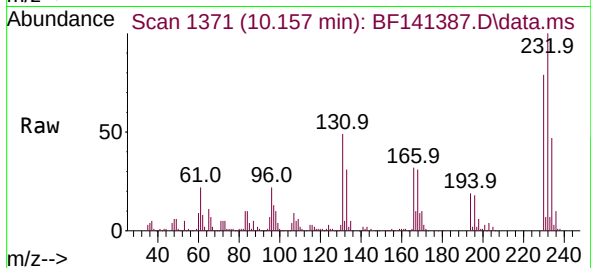




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.442 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

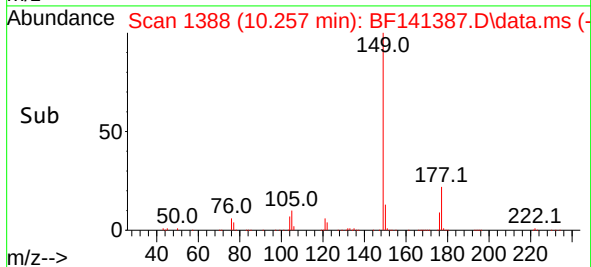
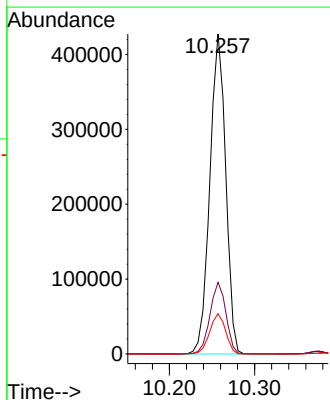
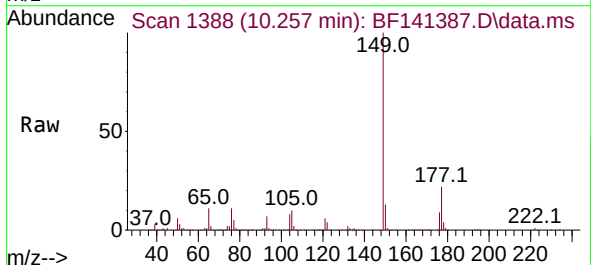
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

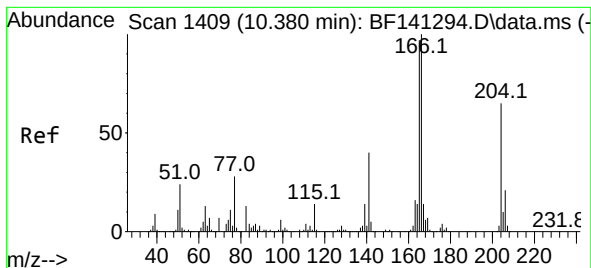
Tgt Ion:232 Resp: 140025
Ion Ratio Lower Upper
232 100
131 47.0 36.4 54.6
130 2.5 1.9 2.9
166 30.3 24.1 36.1



#60
Diethylphthalate
Concen: 46.544 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:149 Resp: 552588
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 12.6 10.0 15.0

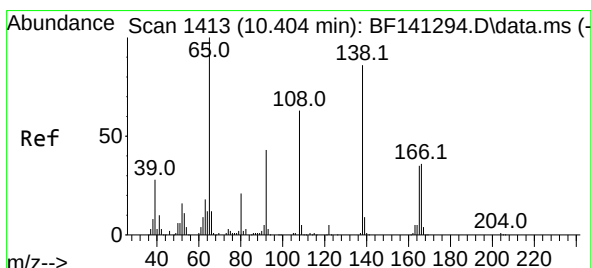
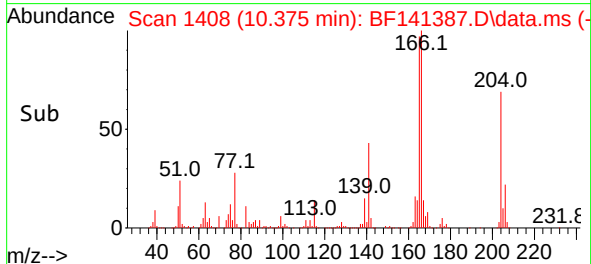
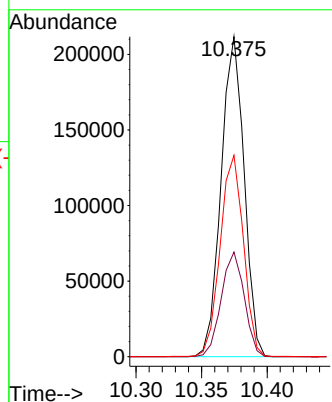
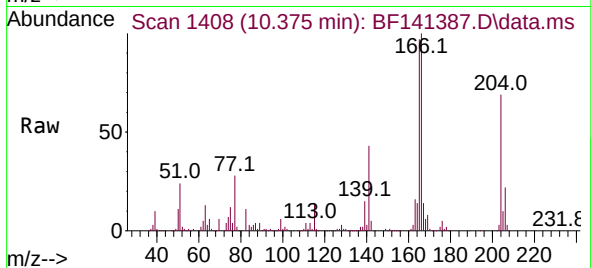




#61
4-Chlorophenyl-phenylether
Concen: 46.199 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

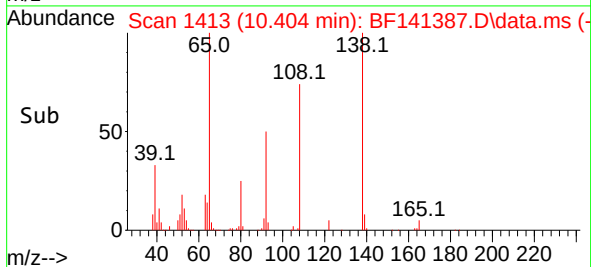
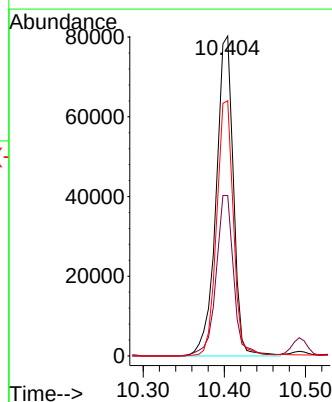
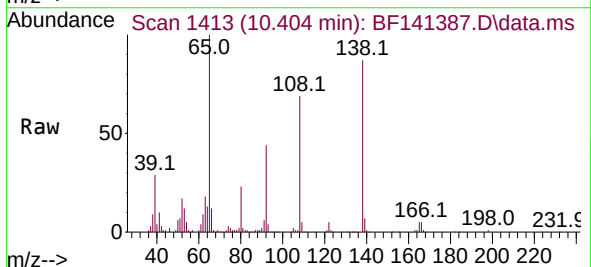
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

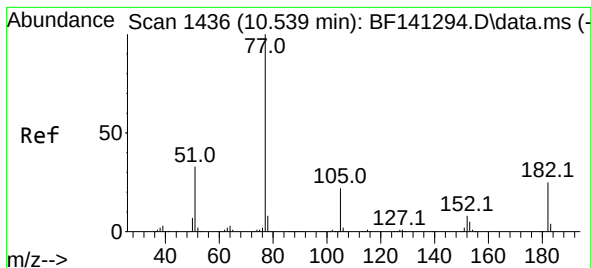
Tgt Ion:204 Resp: 258228
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 62.9 49.5 74.3



#62
4-Nitroaniline
Concen: 43.570 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:138 Resp: 119359
Ion Ratio Lower Upper
138 100
92 50.1 30.1 70.1
108 79.7 53.1 93.1





#63

Azobenzene

Concen: 48.403 ng

RT: 10.533 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

Tgt Ion: 77 Resp: 575227

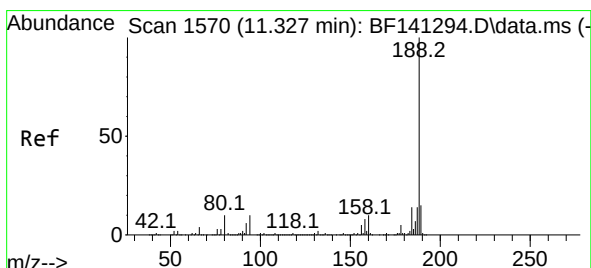
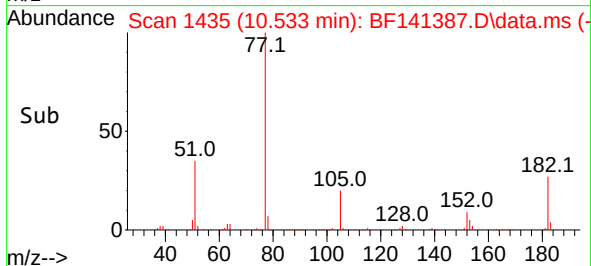
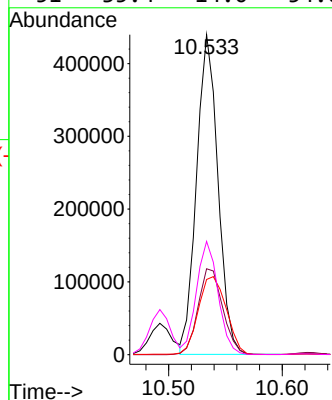
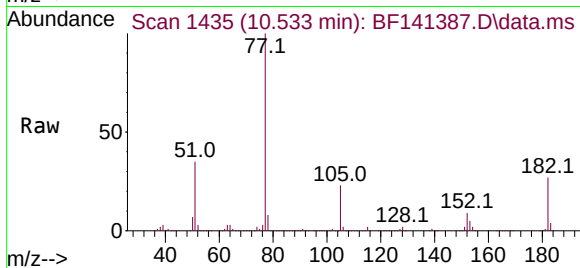
Ion Ratio Lower Upper

77 100

182 26.8 5.1 45.1

105 23.5 1.8 41.8

51 35.4 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

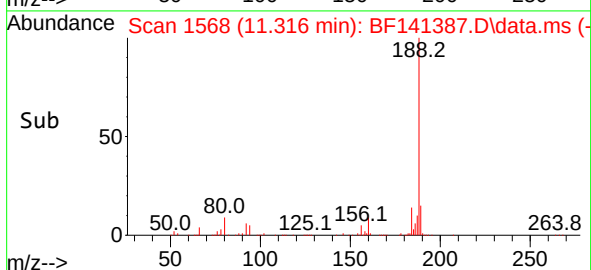
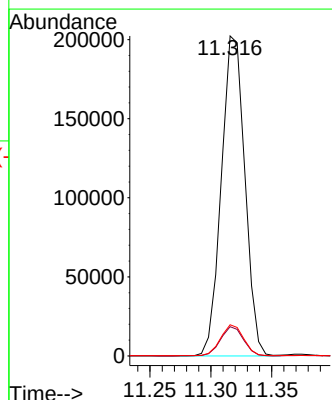
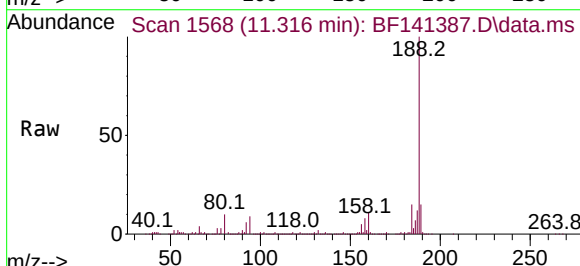
Tgt Ion:188 Resp: 272543

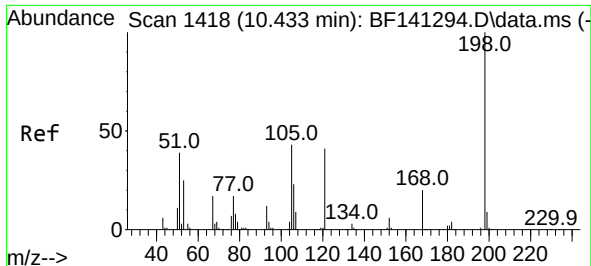
Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.6

80 9.7 8.2 12.4

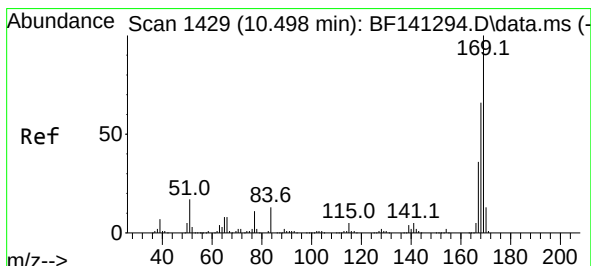
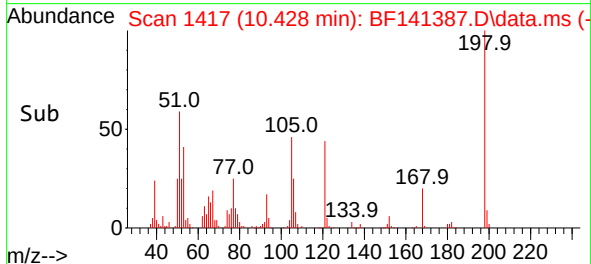
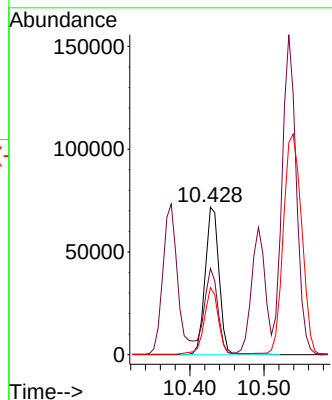
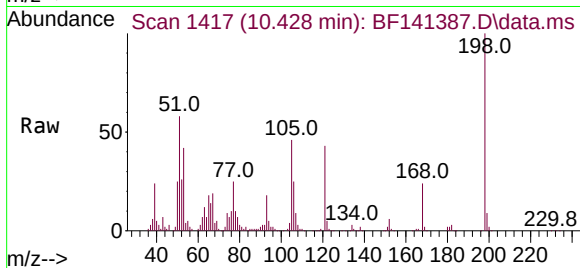




#65
4,6-Dinitro-2-methylphenol
Concen: 58.499 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

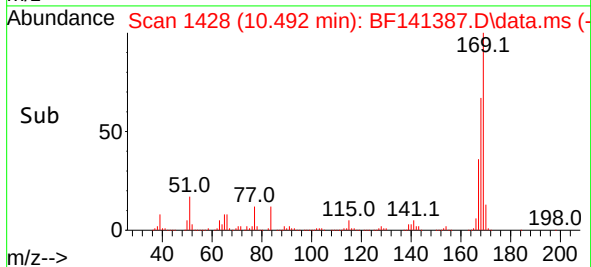
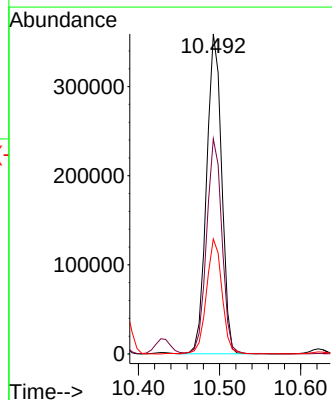
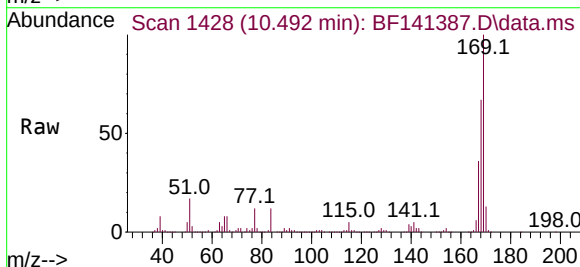
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

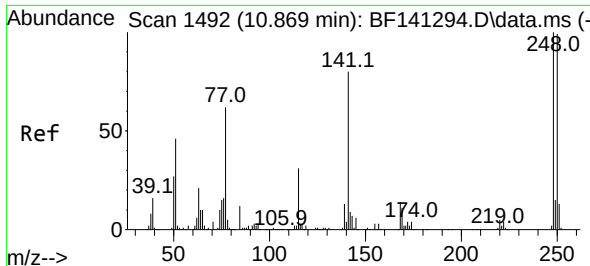
Tgt Ion:198 Resp: 94305
Ion Ratio Lower Upper
198 100
51 58.5 33.4 73.4
105 45.5 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 52.341 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:169 Resp: 461385
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.4
167 35.9 28.8 43.2

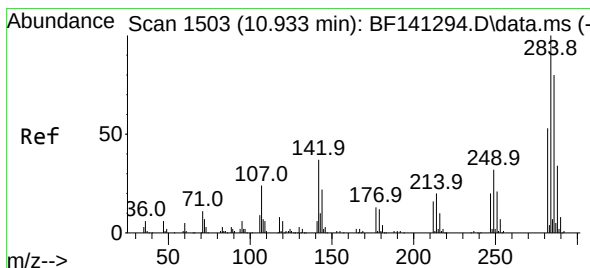
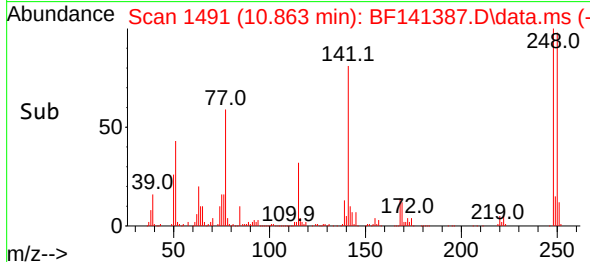
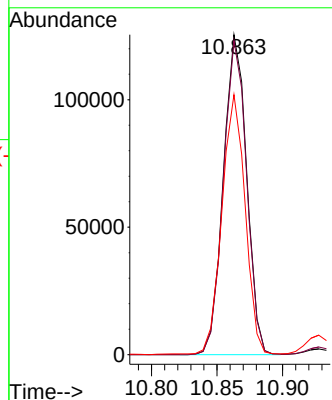
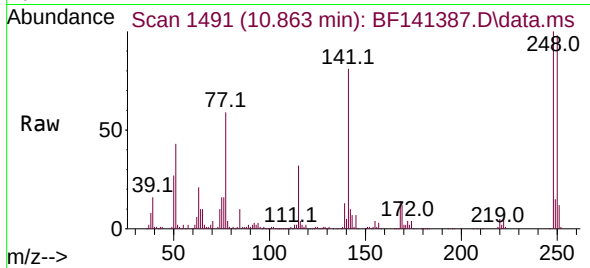




#67
4-Bromophenyl-phenylether
Concen: 50.833 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

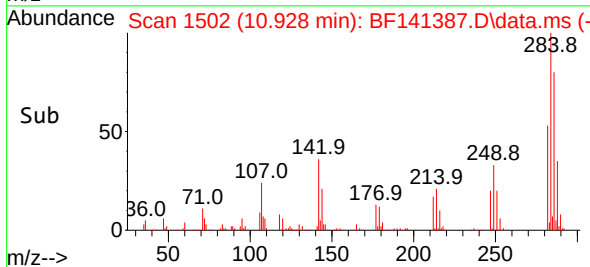
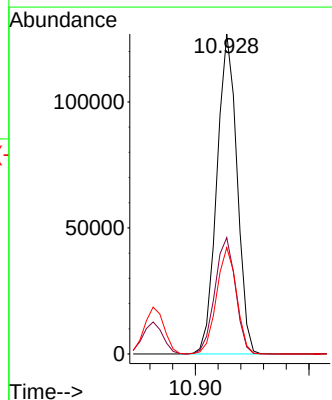
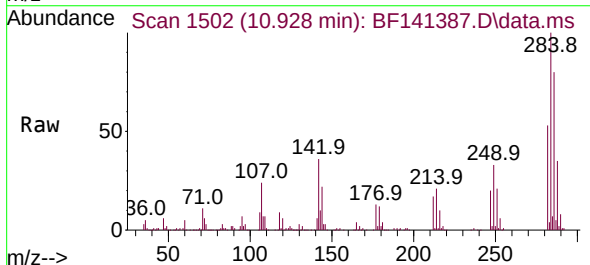
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

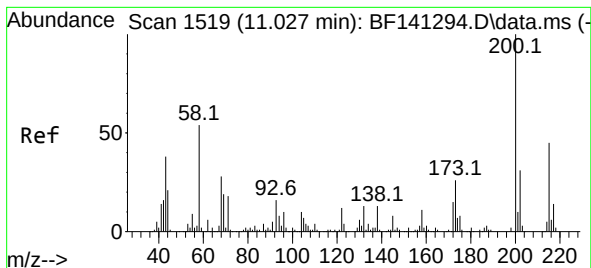
Tgt Ion:248 Resp: 155102
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.4
141 81.2 63.7 95.5



#68
Hexachlorobenzene
Concen: 48.358 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:284 Resp: 156515
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 33.2 25.4 38.2





#69

Atrazine

Concen: 56.071 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

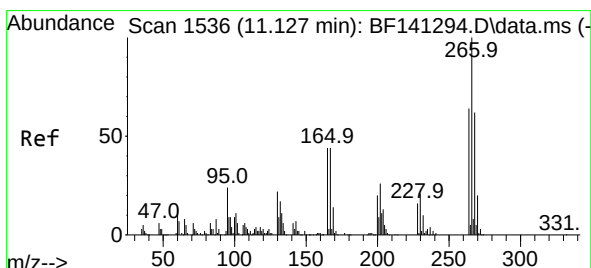
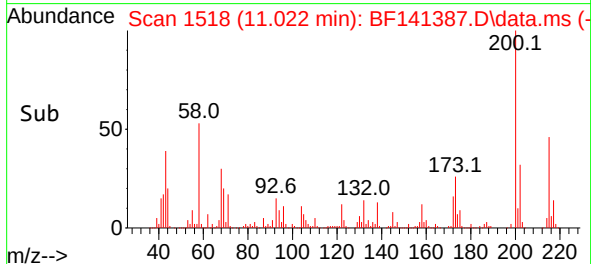
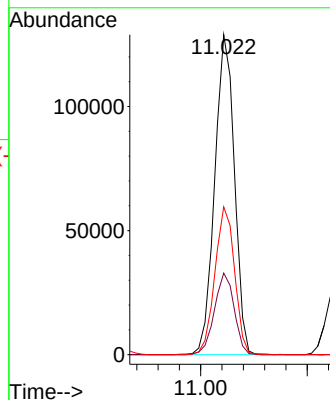
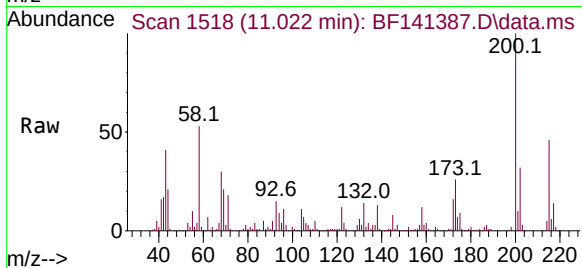
Tgt Ion:200 Resp: 165257

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

215 46.2 25.2 65.2



#70

Pentachlorophenol

Concen: 98.703 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

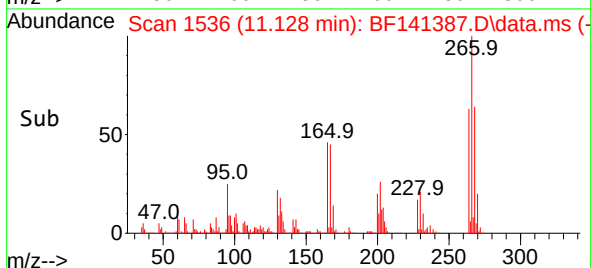
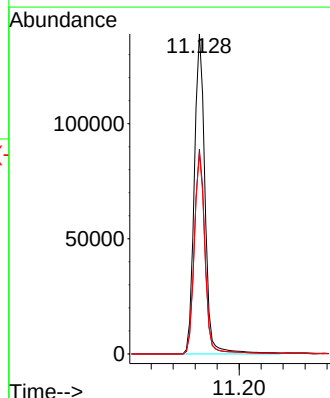
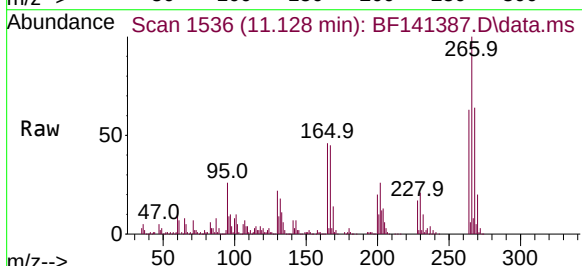
Tgt Ion:266 Resp: 187070

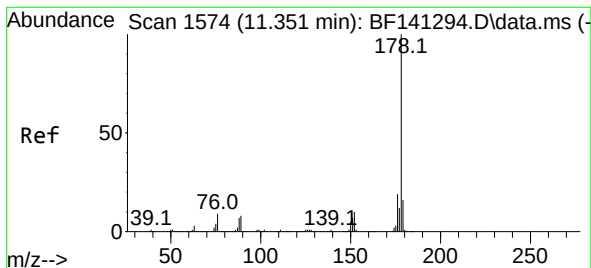
Ion Ratio Lower Upper

266 100

268 63.9 49.9 74.9

264 62.8 51.0 76.4





#71

Phenanthrene

Concen: 61.414 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

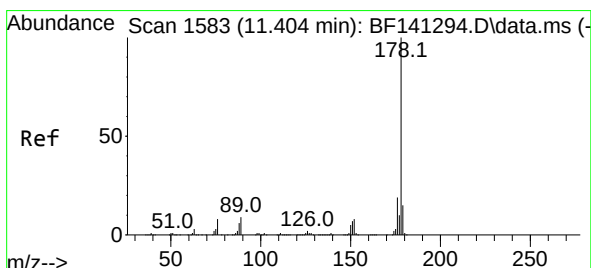
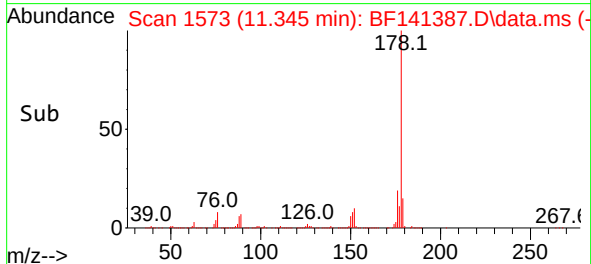
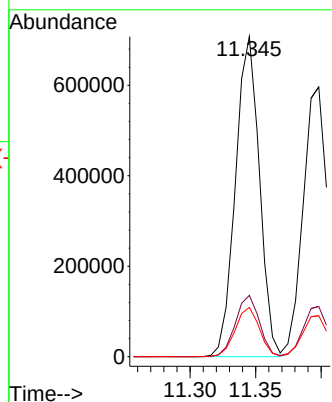
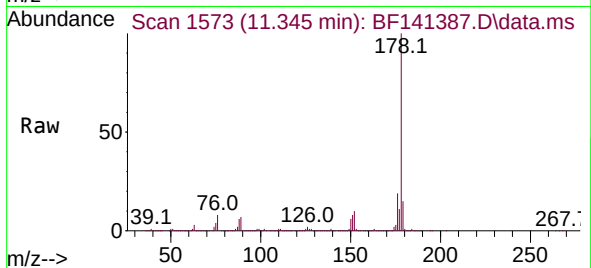
Tgt Ion:178 Resp: 899732

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 54.018 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

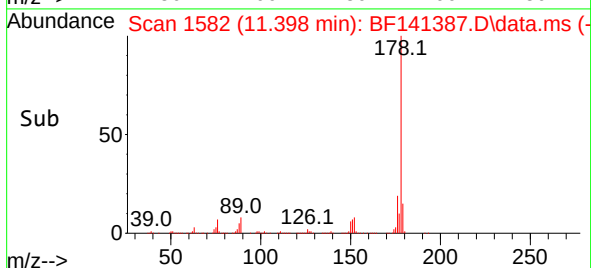
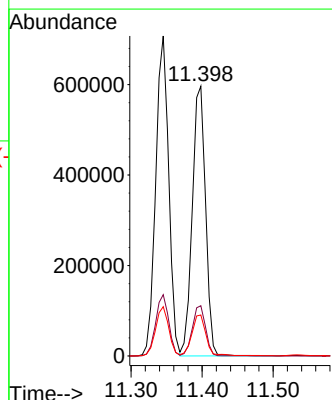
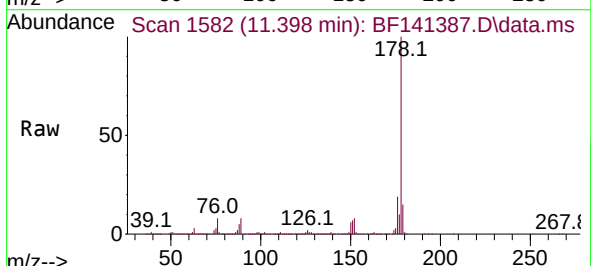
Tgt Ion:178 Resp: 775413

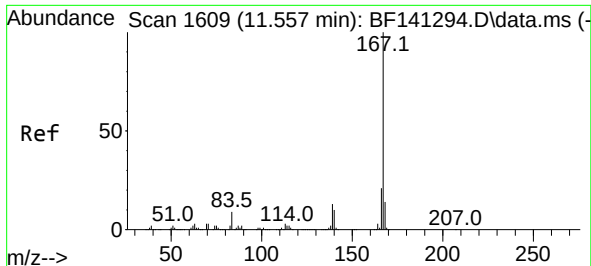
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.2 12.3 18.5

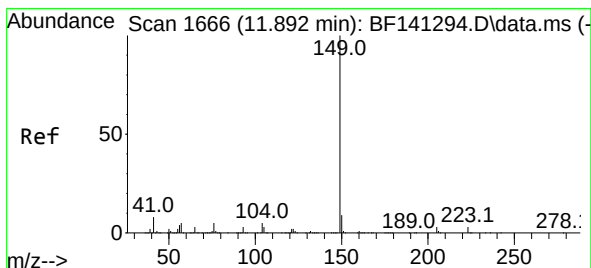
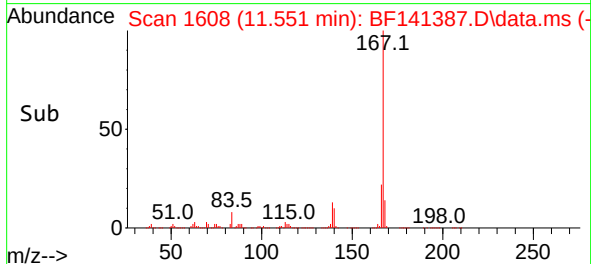
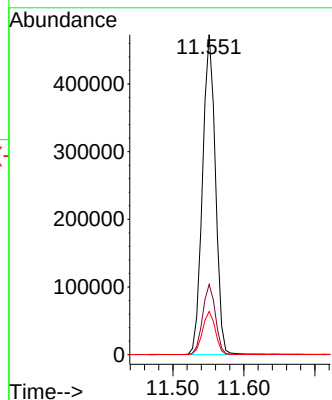
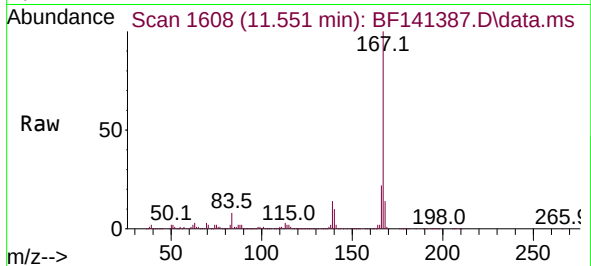




#73
Carbazole
Concen: 47.079 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

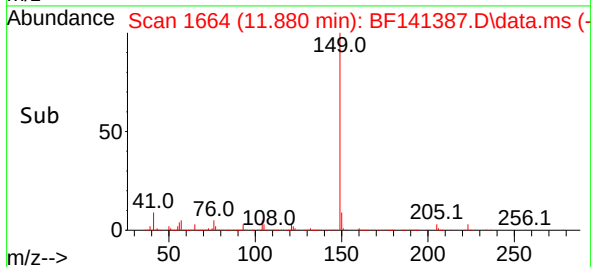
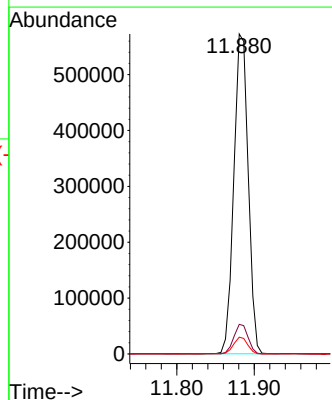
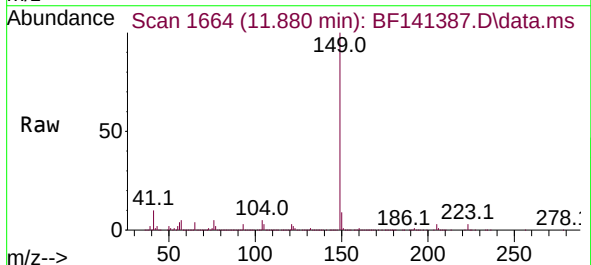
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

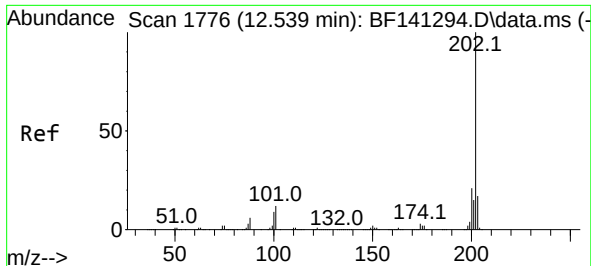
Tgt Ion:167 Resp: 599245
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.5 10.6 16.0



#74
Di-n-butylphthalate
Concen: 47.979 ng
RT: 11.880 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:149 Resp: 740107
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.3 3.9 5.9

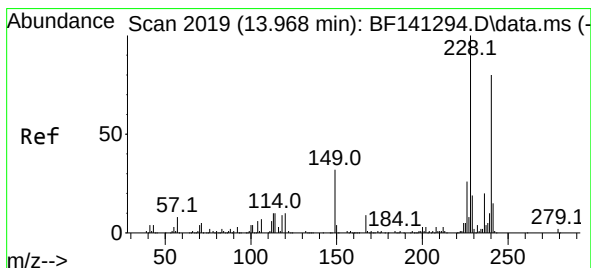
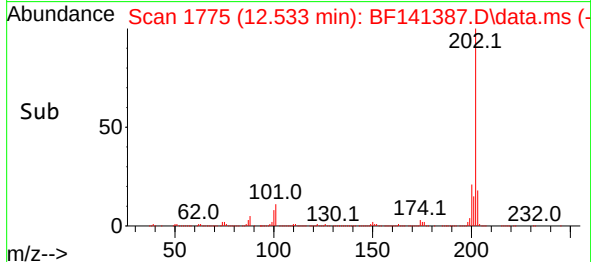
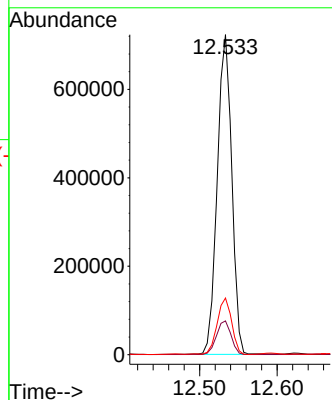
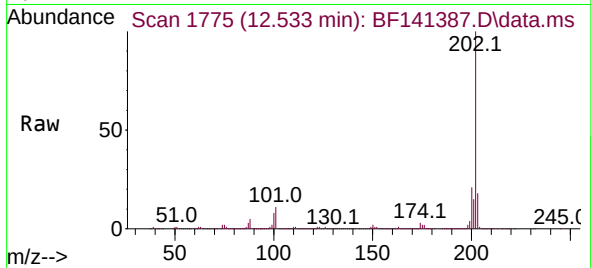




#75
Fluoranthene
Concen: 64.913 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

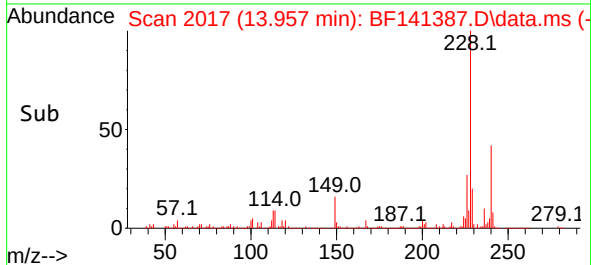
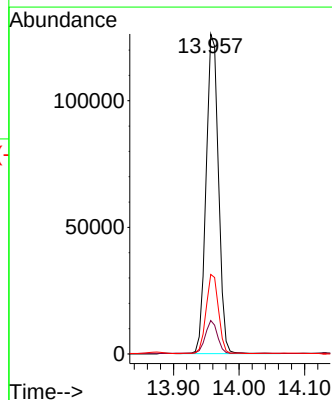
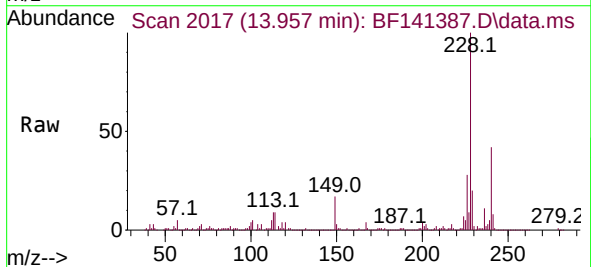
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

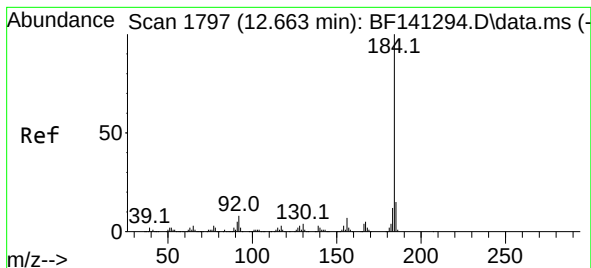
Tgt Ion:202 Resp: 939002
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:240 Resp: 165713
Ion Ratio Lower Upper
240 100
120 10.4 10.0 15.0
236 24.9 19.7 29.5





#77

Benzidine

Concen: 30.660 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

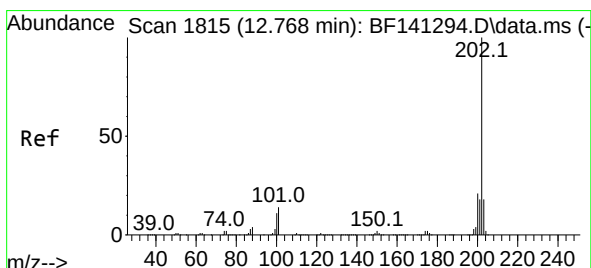
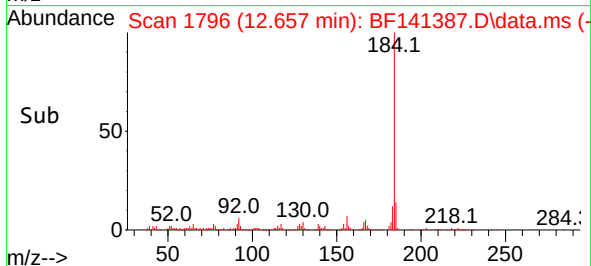
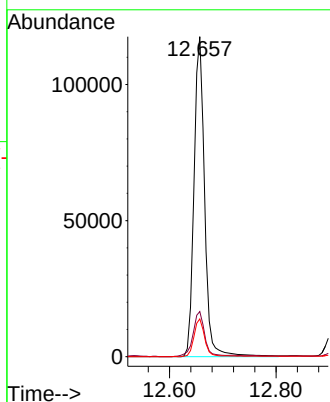
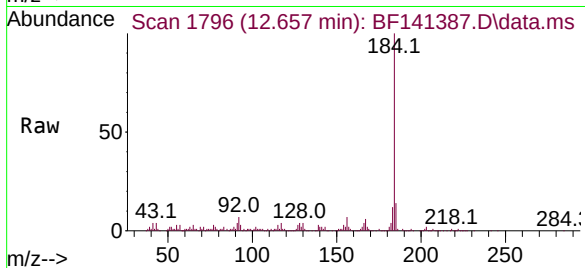
Tgt Ion:184 Resp: 162879

Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 11.8 9.5 14.3



#78

Pyrene

Concen: 55.646 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

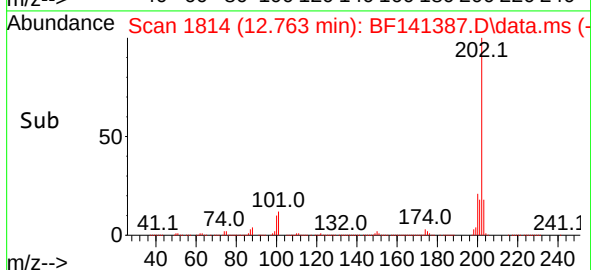
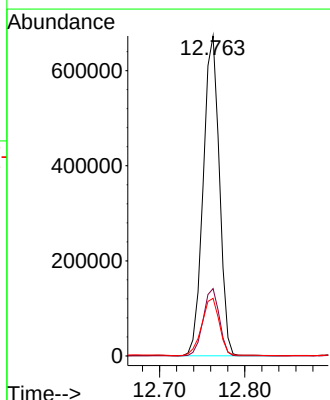
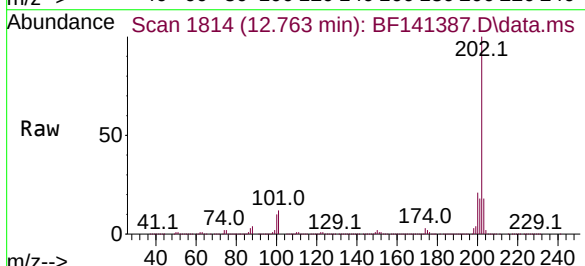
Tgt Ion:202 Resp: 885157

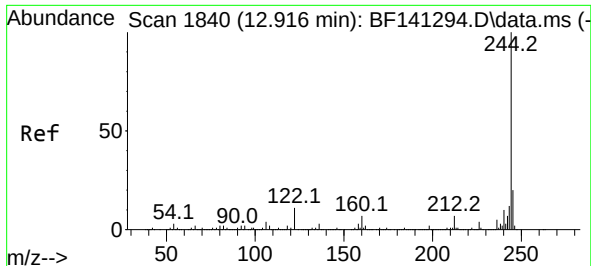
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

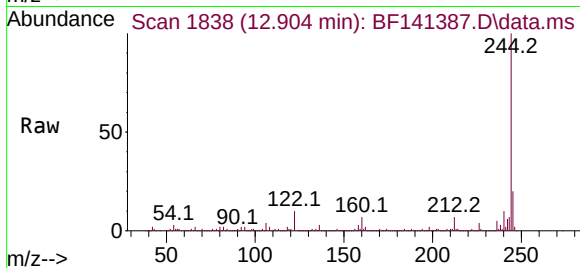
203 18.0 14.3 21.5



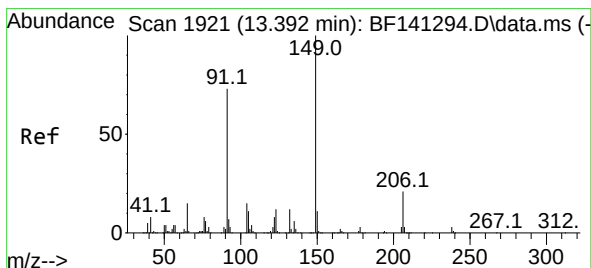
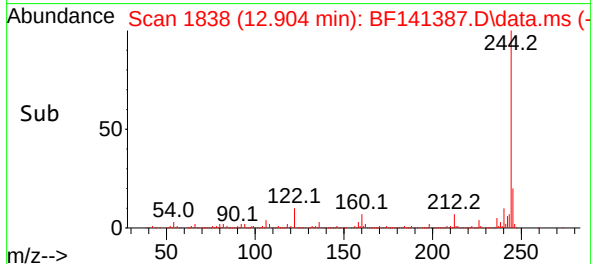
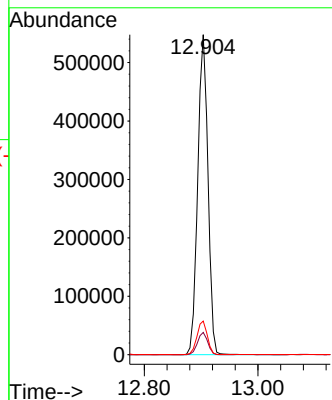


#79
 Terphenyl-d14
 Concen: 64.021 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141387.D
 Acq: 03 Feb 2025 23:30

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS

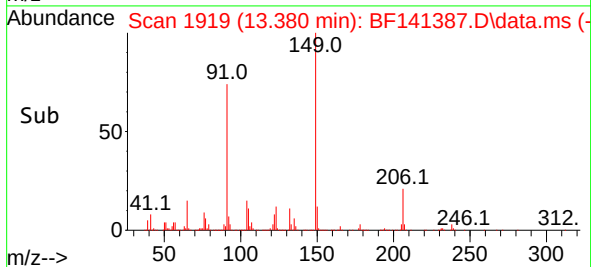
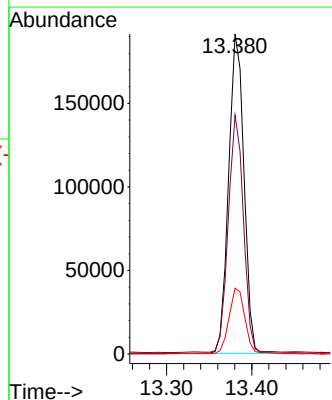
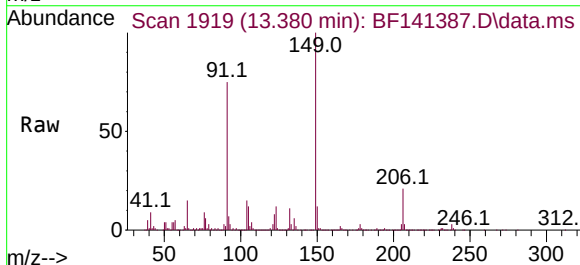


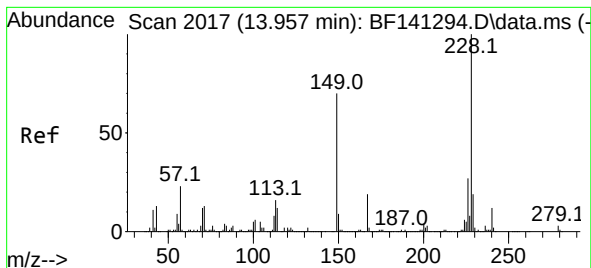
Tgt Ion:244 Resp: 687924
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.5 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 42.870 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141387.D
 Acq: 03 Feb 2025 23:30

Tgt Ion:149 Resp: 238234
 Ion Ratio Lower Upper
 149 100
 91 74.6 58.6 87.8
 206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 56.662 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

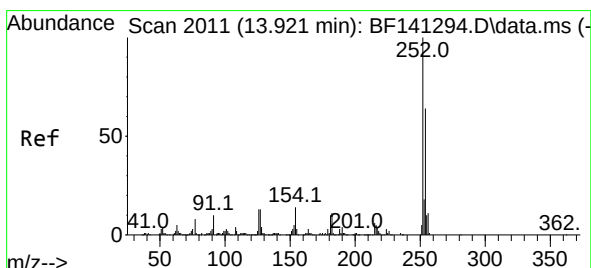
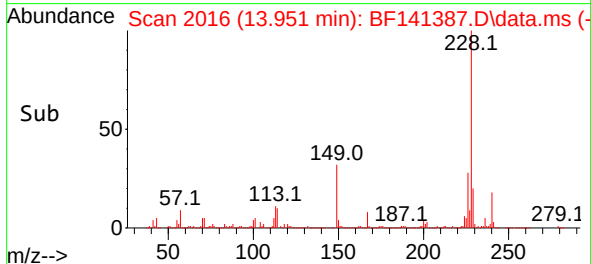
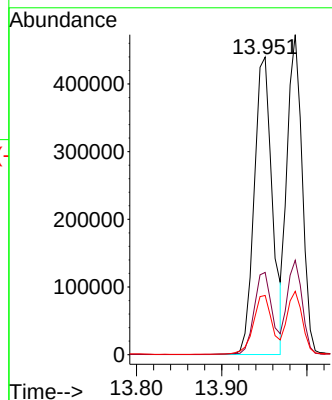
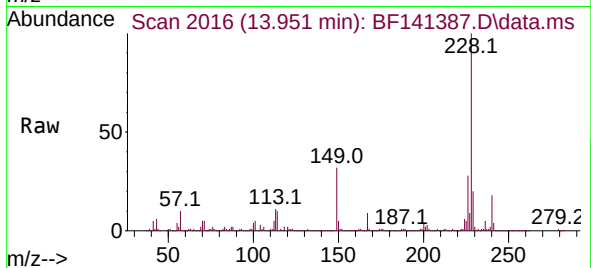
Tgt Ion:228 Resp: 647937

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 17.425 ng

RT: 13.910 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

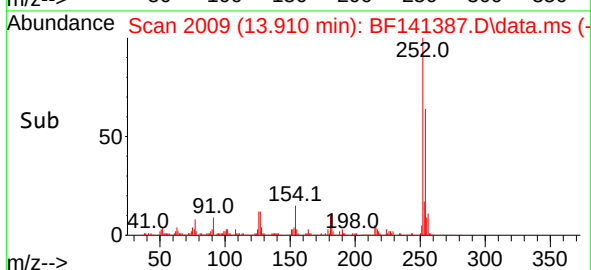
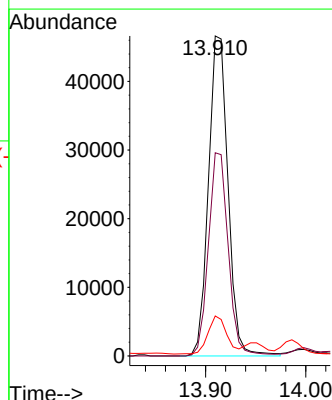
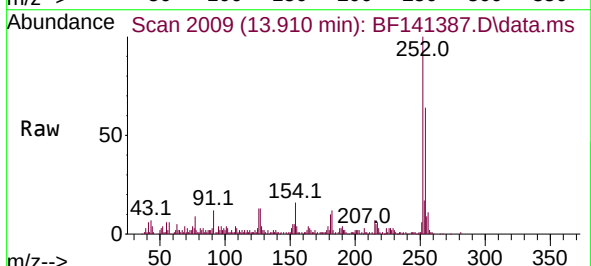
Tgt Ion:252 Resp: 63372

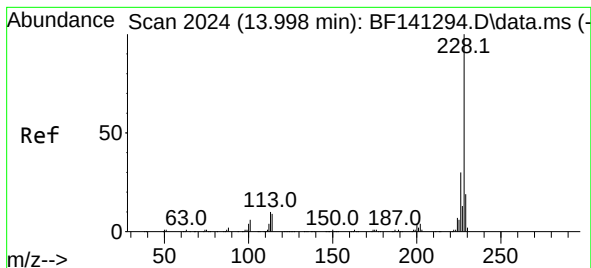
Ion Ratio Lower Upper

252 100

254 63.5 51.3 76.9

126 12.5 10.0 15.0





#83

Chrysene

Concen: 54.942 ng

RT: 13.986 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

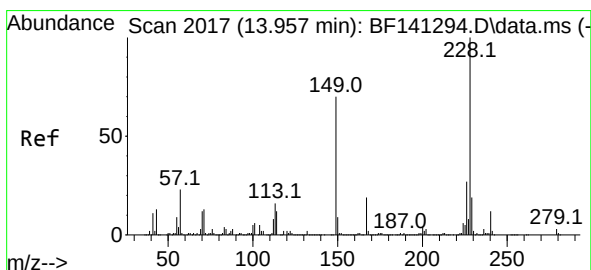
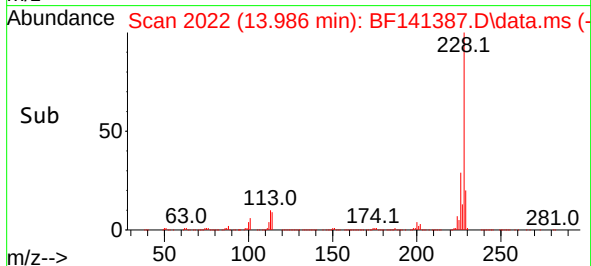
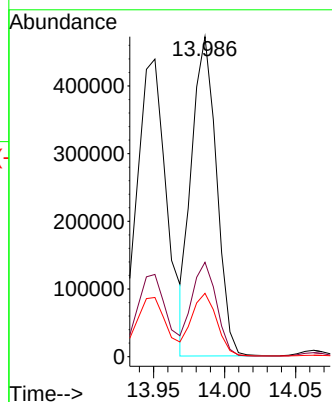
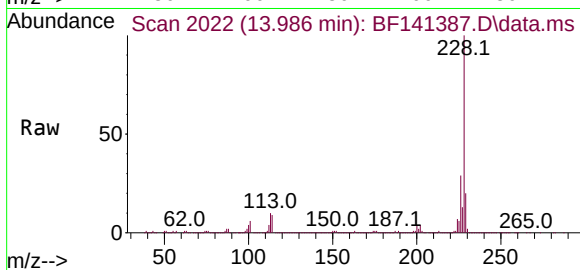
Tgt Ion:228 Resp: 575787

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.736 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

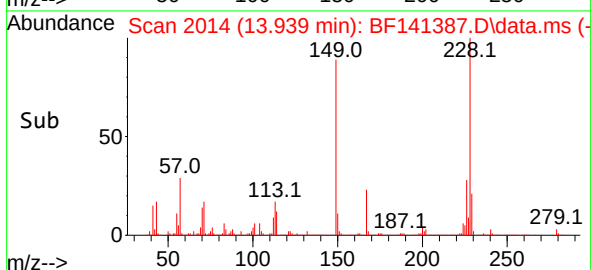
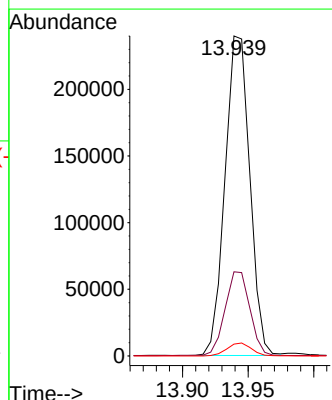
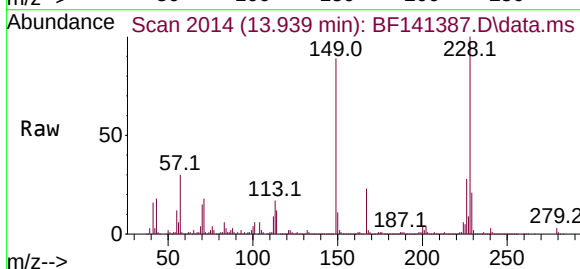
Tgt Ion:149 Resp: 315365

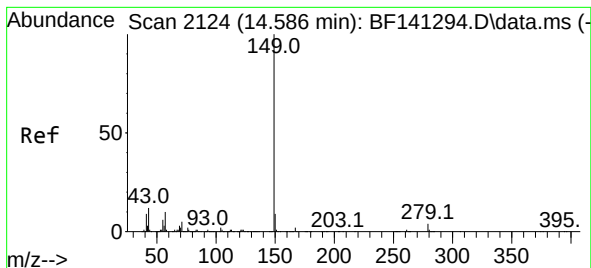
Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.8

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 47.269 ng

RT: 14.557 min Scan# 2119

Delta R.T. -0.029 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

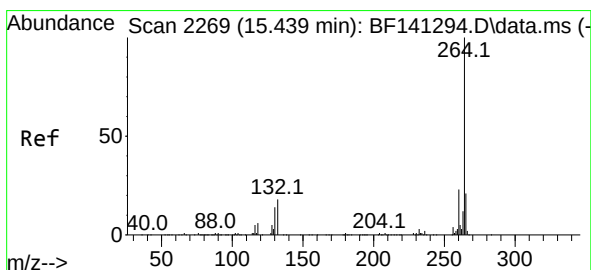
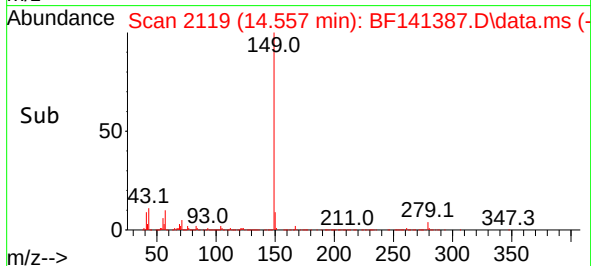
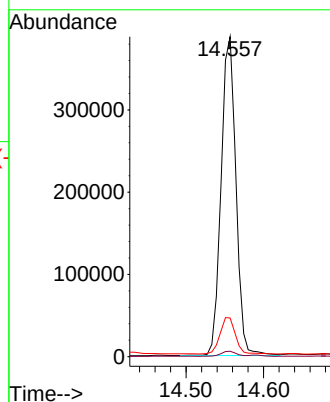
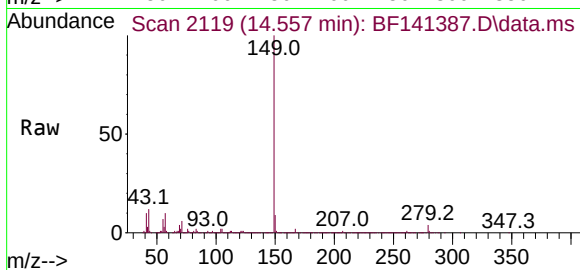
Tgt Ion:149 Resp: 517559

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.035 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

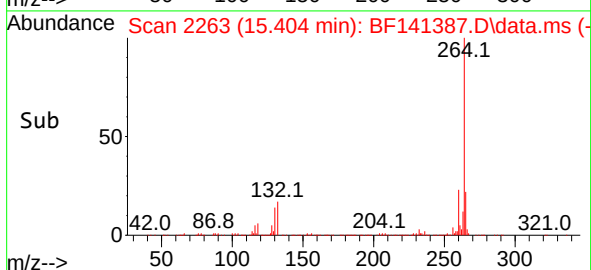
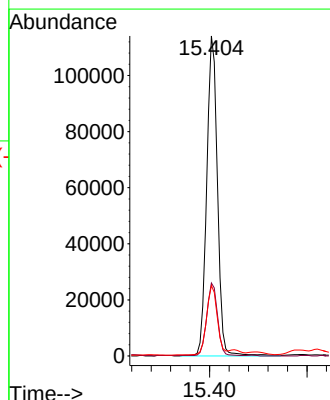
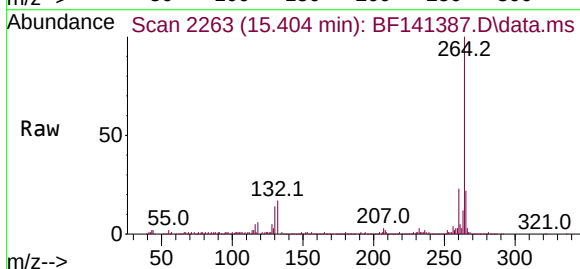
Tgt Ion:264 Resp: 173783

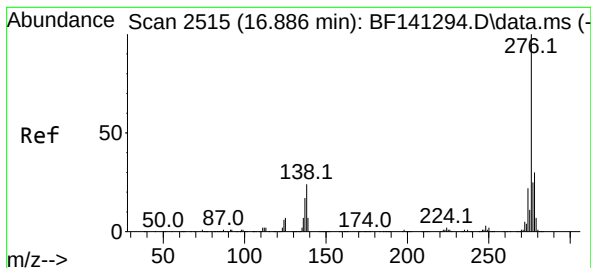
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 22.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.227 ng

RT: 16.845 min Scan# 2192

Delta R.T. -0.053 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

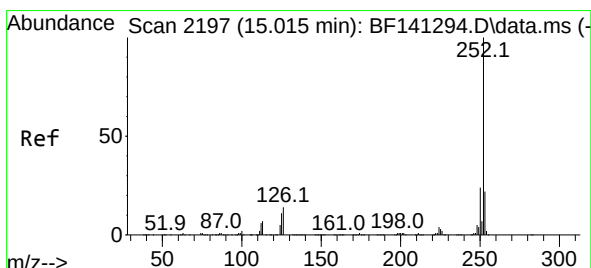
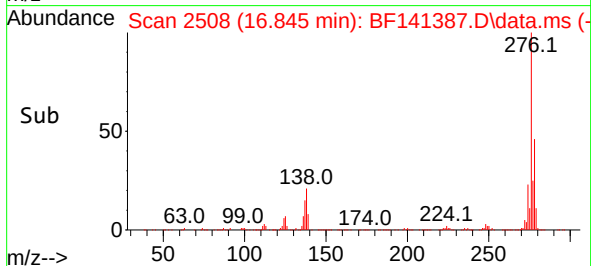
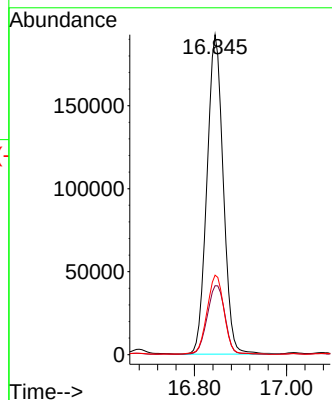
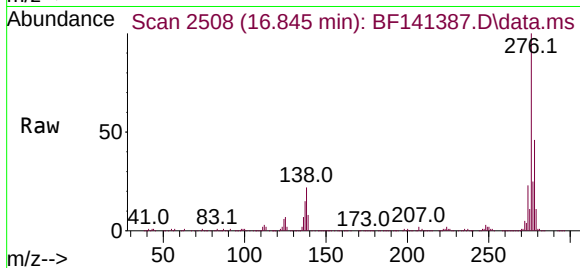
Tgt Ion:276 Resp: 473633

Ion Ratio Lower Upper

276 100

138 23.4 21.7 32.5

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 61.754 ng

RT: 14.986 min Scan# 2192

Delta R.T. -0.035 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

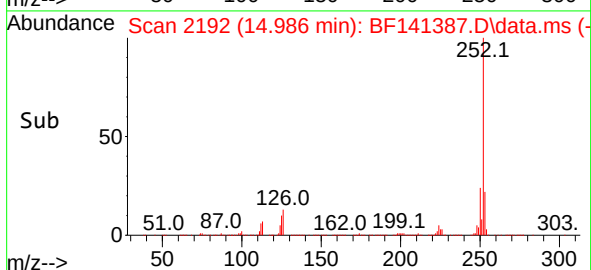
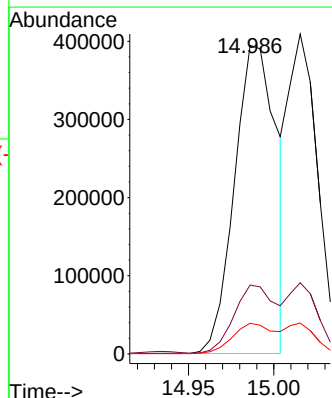
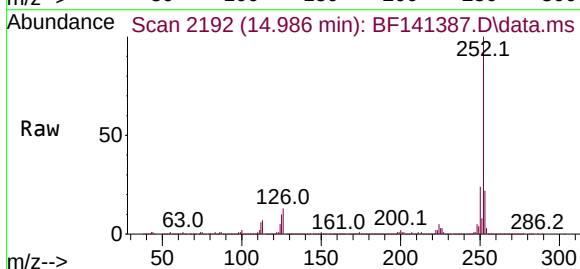
Tgt Ion:252 Resp: 675061

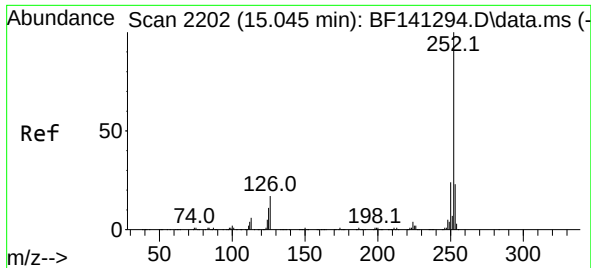
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.0 8.6 12.8

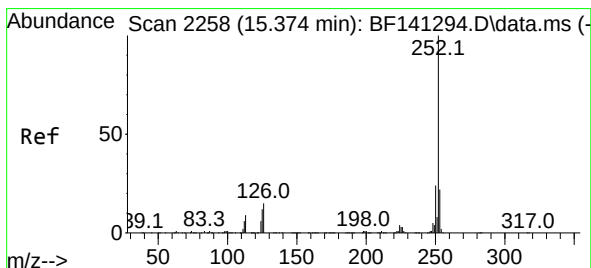
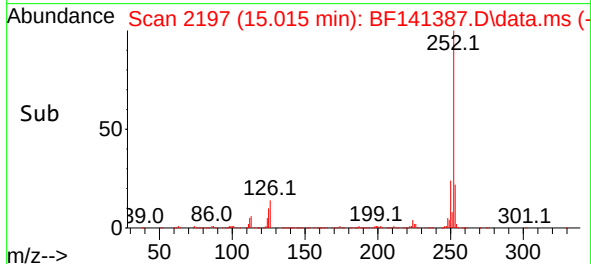
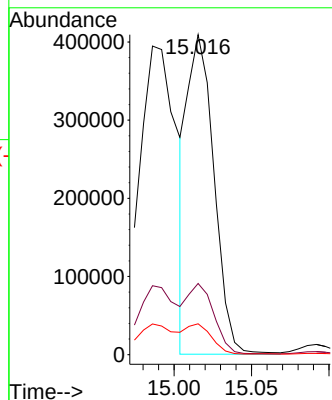
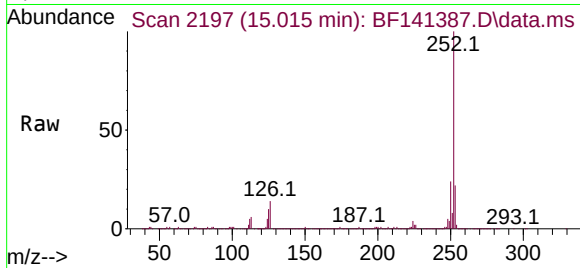




#89
Benzo(k)fluoranthene
Concen: 50.627 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.035 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

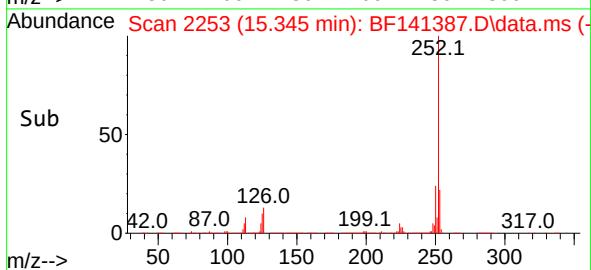
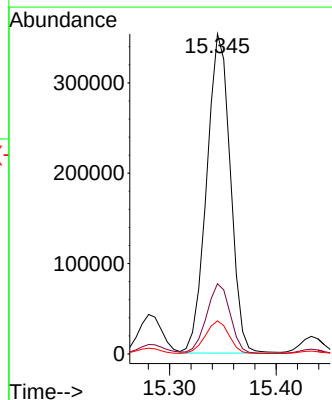
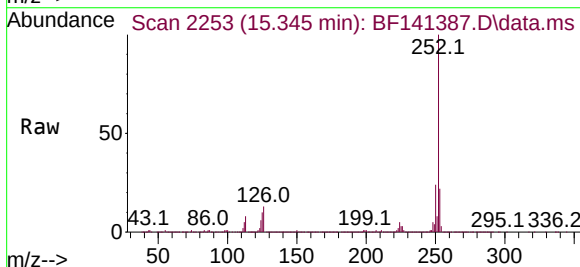
Instrument :
BNA_F
ClientSampleId :
RBR200030MS

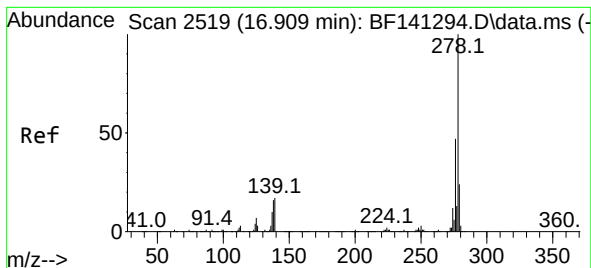
Tgt Ion:252 Resp: 490267
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 59.105 ng
RT: 15.345 min Scan# 2253
Delta R.T. -0.035 min
Lab File: BF141387.D
Acq: 03 Feb 2025 23:30

Tgt Ion:252 Resp: 545989
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.4 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 40.516 ng

RT: 16.862 min Scan# 21

Delta R.T. -0.059 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

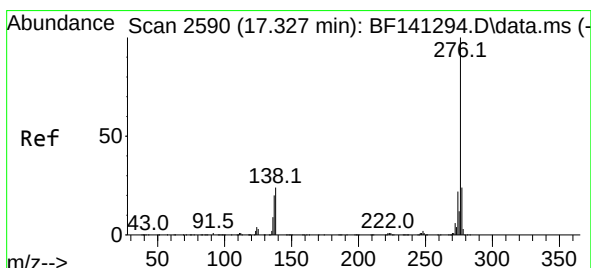
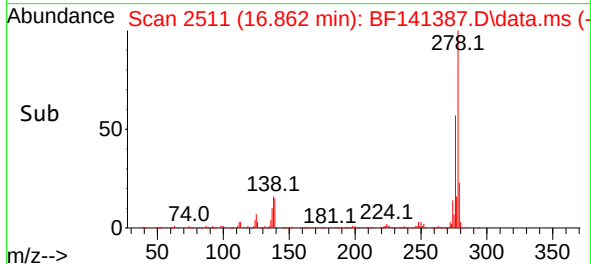
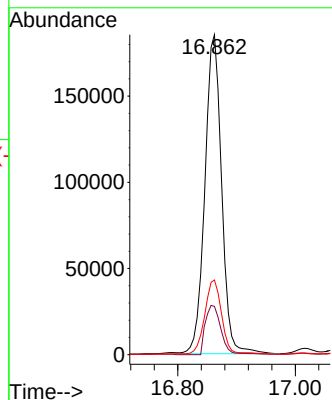
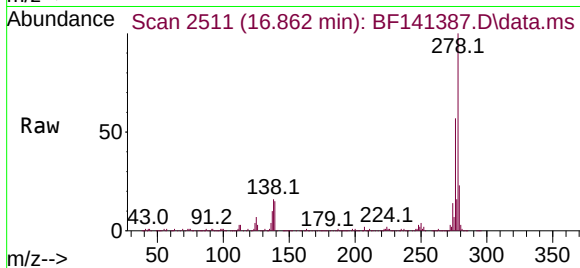
Tgt Ion:278 Resp: 365614

Ion Ratio Lower Upper

278 100

139 15.1 13.9 20.9

279 23.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 37.770 ng

RT: 17.280 min Scan# 2582

Delta R.T. -0.065 min

Lab File: BF141387.D

Acq: 03 Feb 2025 23:30

Tgt Ion:276 Resp: 354400

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 20.8 19.0 28.4

