

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
 Data File : BF141241.D
 Acq On : 22 Jan 2025 17:58
 Operator : RC/JU
 Sample : Q1142-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-1-012125MSD

Quant Time: Jan 23 00:08:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	151784	20.000	ng	-0.02
21) Naphthalene-d8	8.092	136	561329	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	261542	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	361999	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	338274	20.000	ng	0.00
86) Perylene-d12	15.439	264	272617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1116366	113.620	ng	0.00
7) Phenol-d6	6.440	99	1397717	112.302	ng	0.00
23) Nitrobenzene-d5	7.369	82	895509	84.566	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	344714	115.672	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1466974	85.651	ng	-0.01
79) Terphenyl-d14	12.922	244	1257906	55.270	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	116882	26.713	ng	99
3) Pyridine	3.281	79	303123	28.251	ng	97
4) n-Nitrosodimethylamine	3.216	42	166265	31.692	ng	95
6) Aniline	6.469	93	217847	19.715	ng	# 76
8) 2-Chlorophenol	6.593	128	373094	35.393	ng	96
9) Benzaldehyde	6.351	77	43814	5.977	ng	93
10) Phenol	6.457	94	459770	34.510	ng	95
11) bis(2-Chloroethyl)ether	6.546	93	373242	37.591	ng	95
12) 1,3-Dichlorobenzene	6.746	146	389646	33.141	ng	99
13) 1,4-Dichlorobenzene	6.822	146	391137	33.014	ng	100
14) 1,2-Dichlorobenzene	6.975	146	373141	33.764	ng	98
15) Benzyl Alcohol	6.946	79	325389	36.202	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	465427	33.592	ng	91
17) 2-Methylphenol	7.063	107	295804	34.757	ng	98
18) Hexachloroethane	7.322	117	145785	34.026	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	252694	34.467	ng	97
20) 3+4-Methylphenols	7.216	107	368645	34.334	ng	# 76
22) Acetophenone	7.216	105	513925	38.513	ng	96
24) Nitrobenzene	7.387	77	375671	34.039	ng	99
25) Isophorone	7.628	82	686964	37.960	ng	98
26) 2-Nitrophenol	7.704	139	195851	39.012	ng	97
27) 2,4-Dimethylphenol	7.745	122	281963	41.639	ng	98
28) bis(2-Chloroethoxy)met...	7.840	93	417185	36.733	ng	99
29) 2,4-Dichlorophenol	7.945	162	295294	36.717	ng	99
30) 1,2,4-Trichlorobenzene	8.034	180	317297	34.516	ng	100
31) Naphthalene	8.110	128	1332368	45.009	ng	99
32) Benzoic acid	7.851	122	204036	31.410	ng	# 88
33) 4-Chloroaniline	8.163	127	128087	12.512	ng	99
34) Hexachlorobutadiene	8.228	225	196672	35.505	ng	99
35) Caprolactam	8.516	113	105184	39.948	ng	# 80
36) 4-Chloro-3-methylphenol	8.645	107	304664	34.638	ng	100
37) 2-Methylnaphthalene	8.804	142	826375	43.808	ng	99
38) 1-Methylnaphthalene	8.904	142	729241	39.226	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	303005	40.364	ng	99
41) Hexachlorocyclopentadiene	8.957	237	140296	57.125	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	199712	39.447	ng	98

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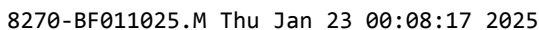
Instrument :
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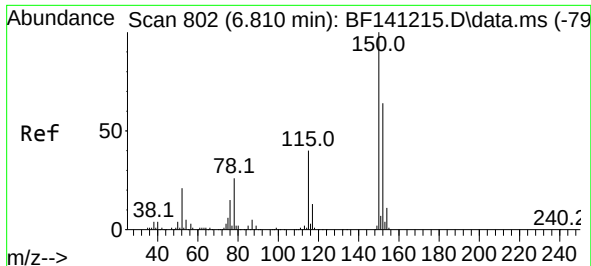
Quant Time: Jan 23 00:08:06 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	196110	36.677	ng	97
46) 1,1'-Biphenyl	9.269	154	836106	41.164	ng	99
47) 2-Chloronaphthalene	9.292	162	588207	37.181	ng	100
48) 2-Nitroaniline	9.387	65	178958	38.161	ng	100
49) Acenaphthylene	9.710	152	993130	43.940	ng	99
50) Dimethylphthalate	9.569	163	689536	39.271	ng	99
51) 2,6-Dinitrotoluene	9.634	165	143348	35.107	ng	98
52) Acenaphthene	9.881	154	663525	42.019	ng	98
53) 3-Nitroaniline	9.798	138	91077	21.950	ng	# 97
54) 2,4-Dinitrophenol	9.904	184	109902	56.628	ng	95
55) Dibenzofuran	10.051	168	882606	41.092	ng	98
56) 4-Nitrophenol	9.957	139	217191	66.836	ng	95
57) 2,4-Dinitrotoluene	10.034	165	184694	35.099	ng	# 99
58) Fluorene	10.398	166	754889	45.239	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	151557	34.100	ng	# 92
60) Diethylphthalate	10.269	149	645981	37.685	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	292549	35.971	ng	95
62) 4-Nitroaniline	10.410	138	123514	30.414	ng	97
63) Azobenzene	10.551	77	718267	42.466	ng	87
65) 4,6-Dinitro-2-methylph...	10.445	198	74554	35.541	ng	86
66) n-Nitrosodiphenylamine	10.510	169	527354	45.165	ng	100
67) 4-Bromophenyl-phenylether	10.881	248	174525	41.876	ng	99
68) Hexachlorobenzene	10.945	284	180038	38.806	ng	98
69) Atrazine	11.033	200	171580	54.576	ng	99
70) Pentachlorophenol	11.139	266	219078	73.736	ng	99
71) Phenanthrene	11.363	178	1841868	94.773	ng	100
72) Anthracene	11.410	178	1058645	56.021	ng	100
73) Carbazole	11.563	167	724861	41.833	ng	99
74) Di-n-butylphthalate	11.898	149	856457	43.190	ng	100
75) Fluoranthene	12.551	202	2088632	107.696	ng	99
77) Benzidine	12.675	184	218801	34.879	ng	98
78) Pyrene	12.780	202	2046846	63.351	ng	99
80) Butylbenzylphthalate	13.398	149	365577	33.937	ng	99
81) Benzo(a)anthracene	13.969	228	1620928	70.409	ng	96
82) 3,3'-Dichlorobenzidine	13.933	252	154783	21.115	ng	98
83) Chrysene	14.010	228	1267288	58.831	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	501816	38.825	ng	99
85) Di-n-octyl phthalate	14.580	149	911055	46.678	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	769141	38.510	ng	97
88) Benzo(b)fluoranthene	15.021	252	1523930	86.689	ng	99
89) Benzo(k)fluoranthene	15.021	252	1523930	102.580	ng	99
90) Benzo(a)pyrene	15.380	252	1043103	71.919	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	502321	31.096	ng	98
92) Benzo(g,h,i)perylene	17.333	276	615141	36.610	ng	99

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

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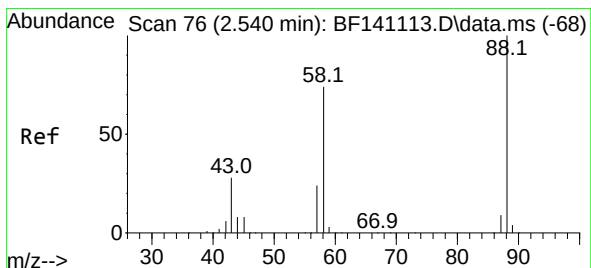
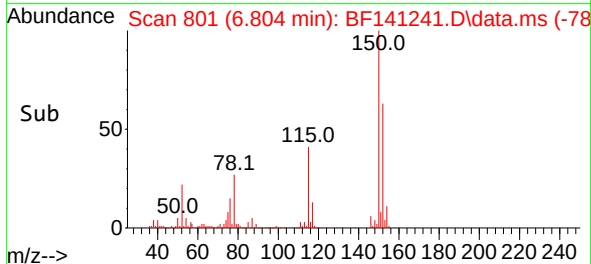
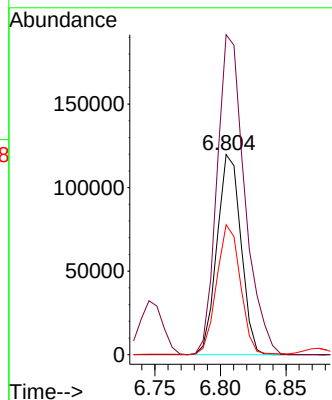
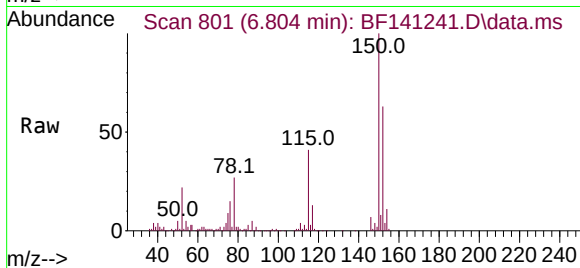




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141241.D
 Acq: 22 Jan 2025 17:58

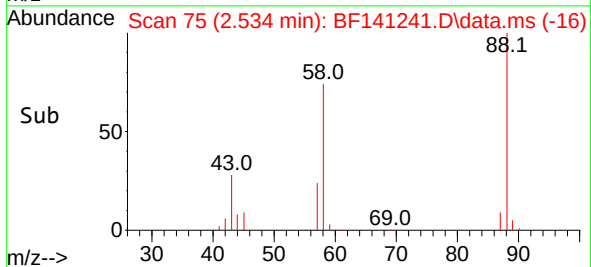
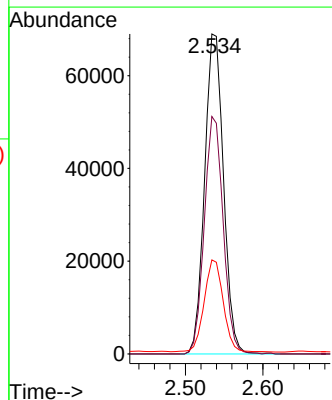
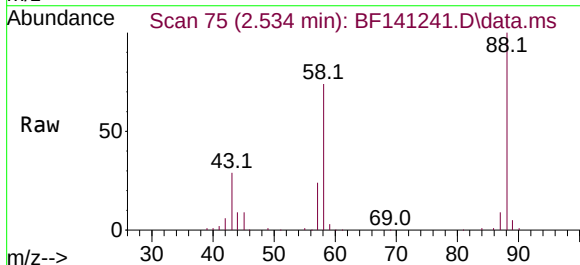
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 PL-1-012125MSD

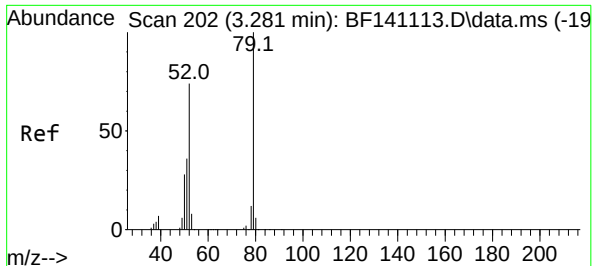
Tgt Ion:152 Resp: 151784
 Ion Ratio Lower Upper
 152 100
 150 159.9 125.8 188.8
 115 64.9 51.4 77.2



#2
 1,4-Dioxane
 Concen: 26.713 ng
 RT: 2.534 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BF141241.D
 Acq: 22 Jan 2025 17:58

Tgt Ion: 88 Resp: 116882
 Ion Ratio Lower Upper
 88 100
 58 74.1 60.1 90.1
 43 29.2 23.1 34.7

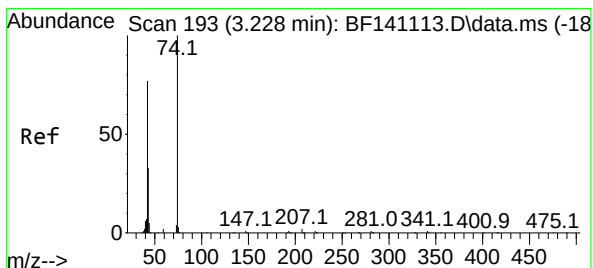
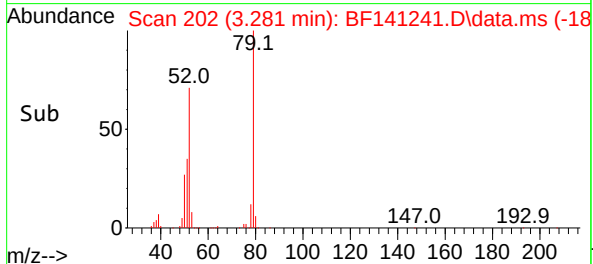
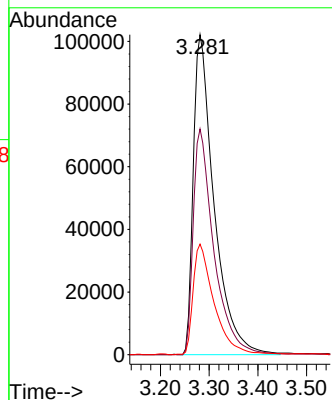
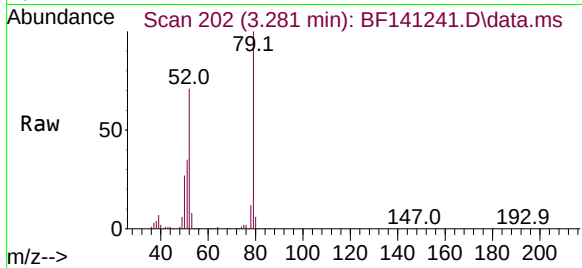




#3
Pyridine
Concen: 28.251 ng
RT: 3.281 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

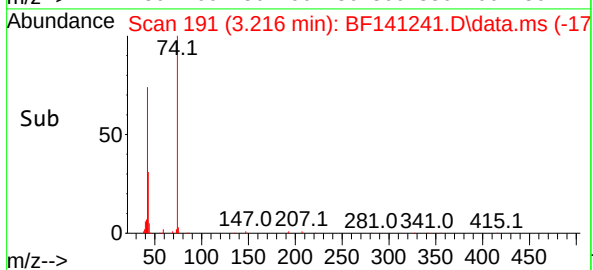
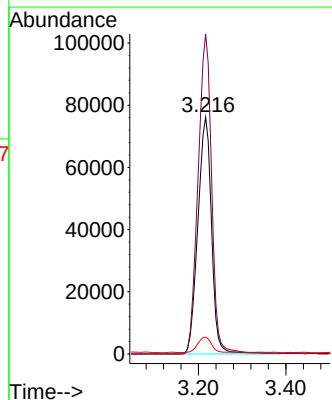
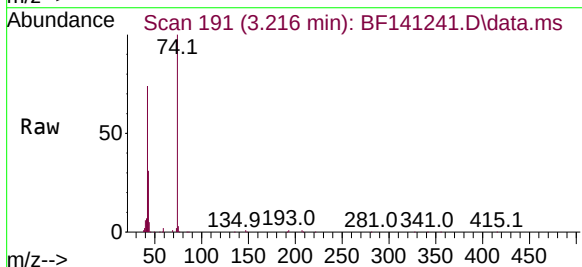
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

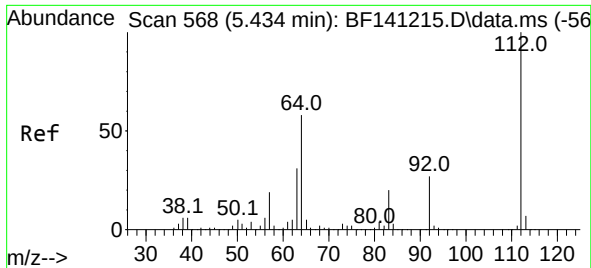
Tgt Ion: 79 Resp: 303123
Ion Ratio Lower Upper
79 100
52 70.5 58.9 88.3
51 34.5 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 31.692 ng
RT: 3.216 min Scan# 191
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion: 42 Resp: 166265
Ion Ratio Lower Upper
42 100
74 135.1 103.8 155.6
44 7.1 5.3 7.9

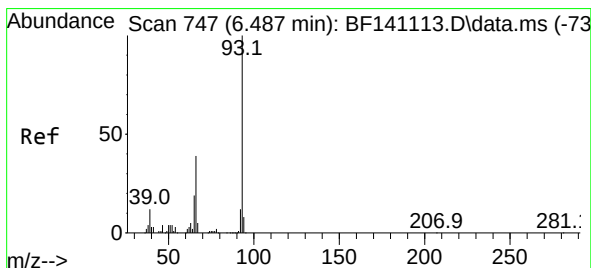
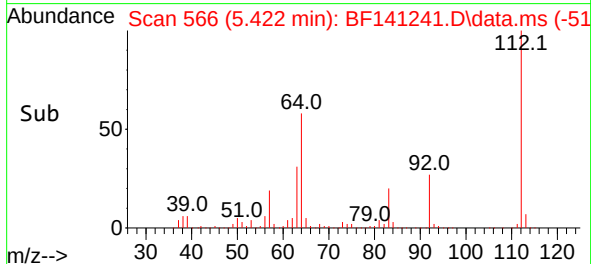
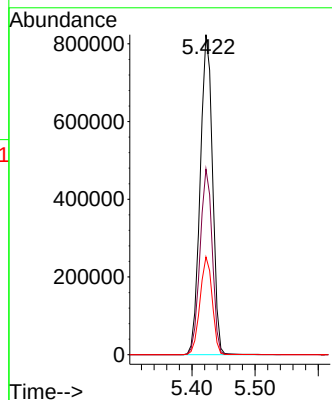
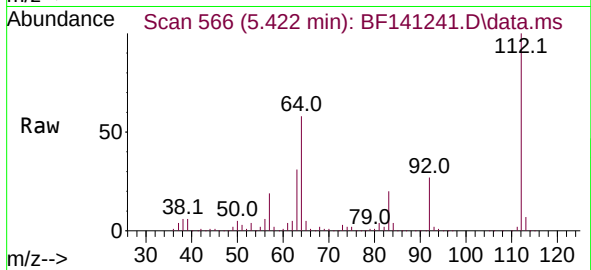




#5
2-Fluorophenol
Concen: 113.620 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

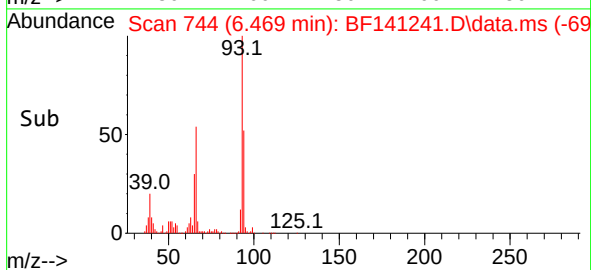
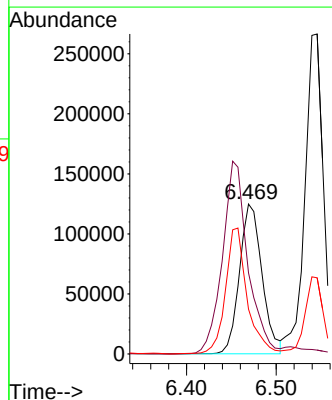
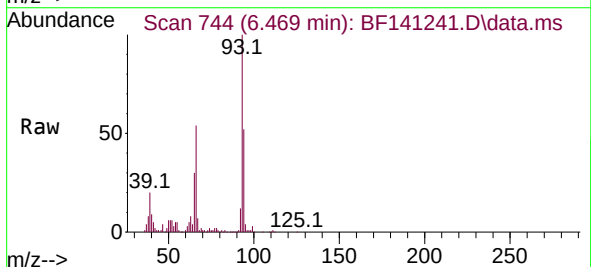
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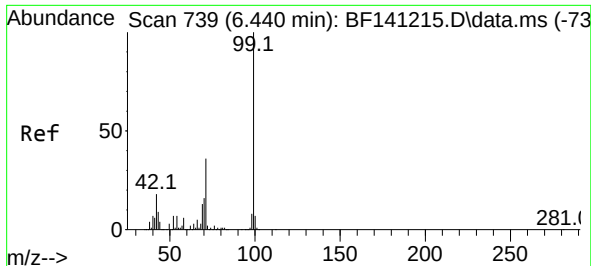
Tgt Ion:112 Resp: 1116366
Ion Ratio Lower Upper
112 100
64 58.0 47.3 70.9
63 30.6 24.2 36.2



#6
Aniline
Concen: 19.715 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion: 93 Resp: 217847
Ion Ratio Lower Upper
93 100
66 54.1 31.5 47.3#
65 29.9 15.3 22.9#



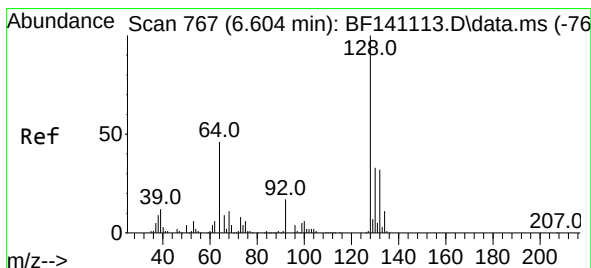
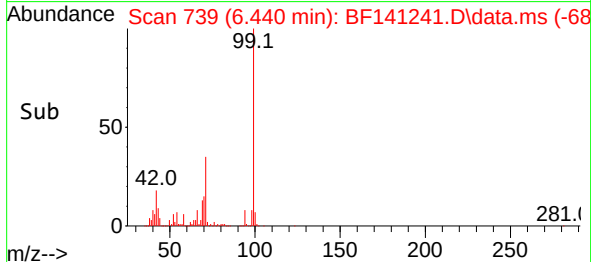
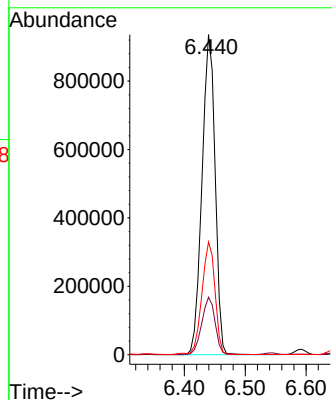
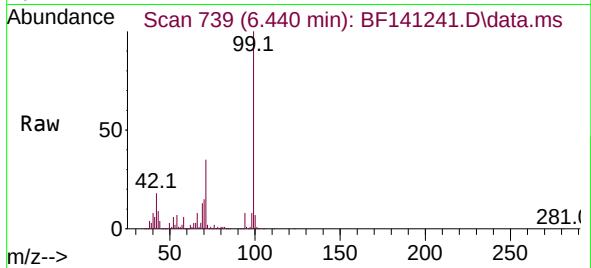


#7
Phenol-d6
Concen: 112.302 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

Tgt Ion: 99 Resp: 1397717

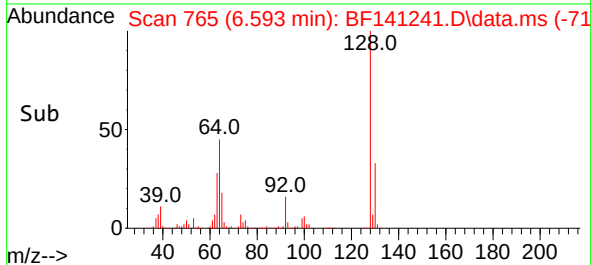
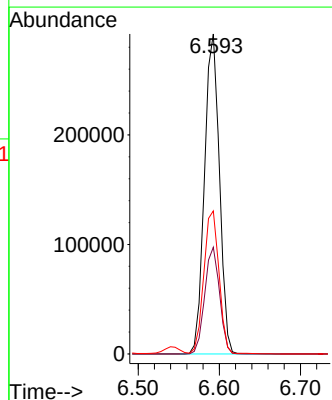
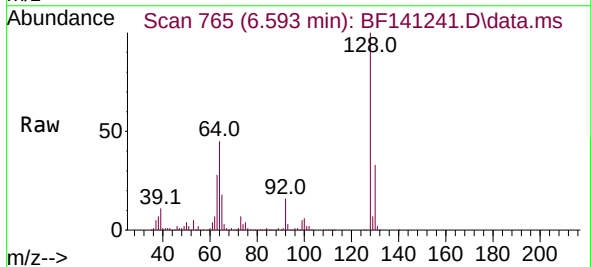
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	35.3	27.6	41.4

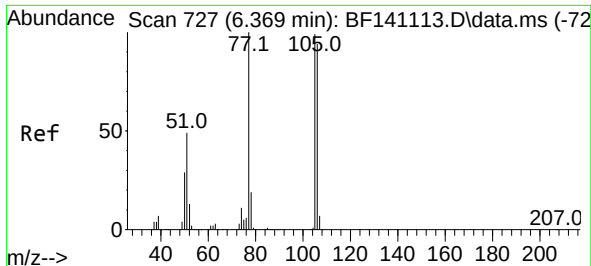


#8
2-Chlorophenol
Concen: 35.393 ng
RT: 6.593 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion: 128 Resp: 373094

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	44.7	28.3	68.3

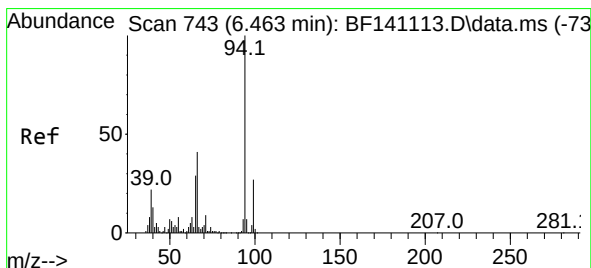
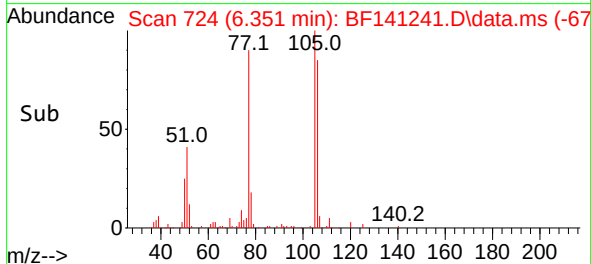
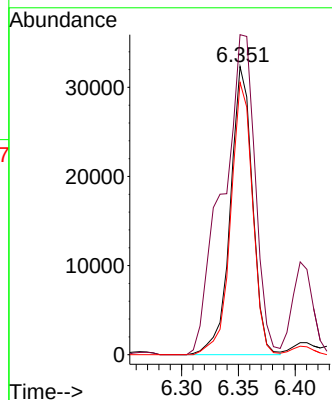
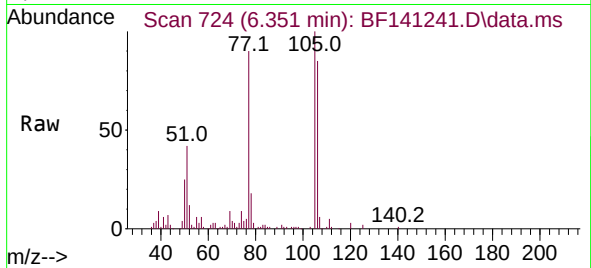




#9
Benzaldehyde
Concen: 5.977 ng
RT: 6.351 min Scan# 714
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

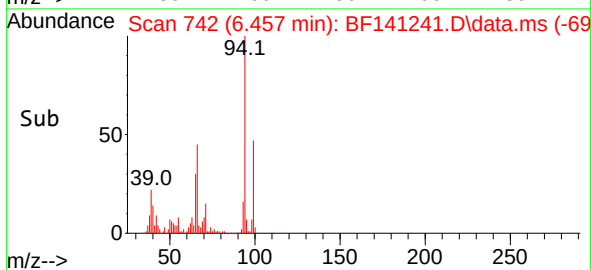
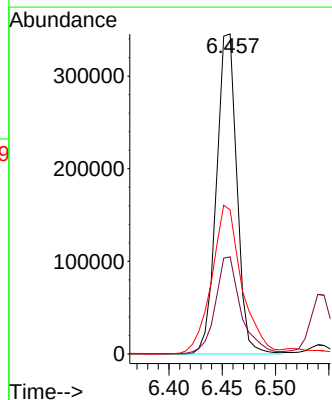
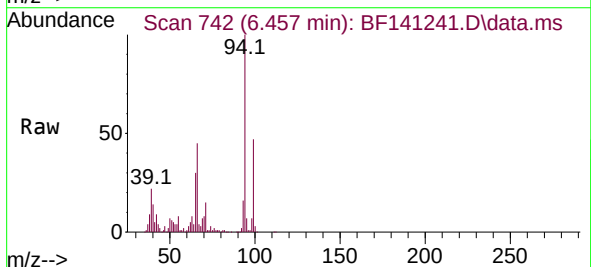
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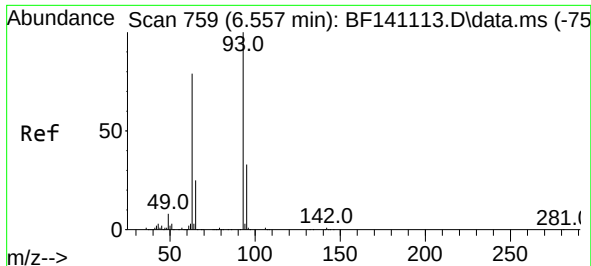
Tgt Ion: 77 Resp: 43814
Ion Ratio Lower Upper
77 100
105 111.1 78.9 118.9
106 94.5 73.6 113.6



#10
Phenol
Concen: 34.510 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion: 94 Resp: 459770
Ion Ratio Lower Upper
94 100
65 30.4 8.9 48.9
66 45.0 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 37.591 ng

RT: 6.546 min Scan# 70

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

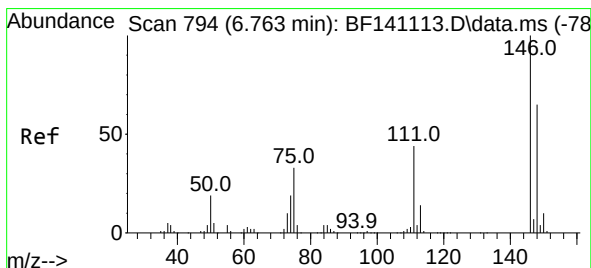
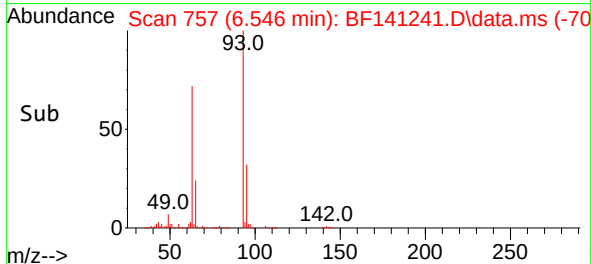
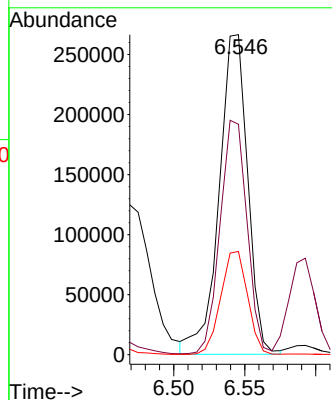
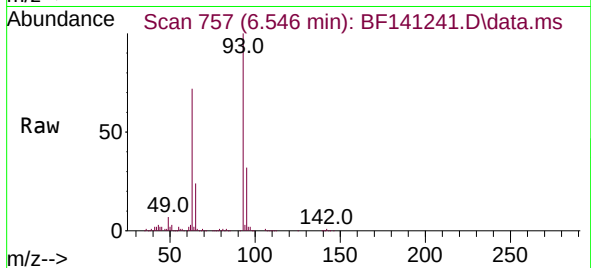
BNA_F

ClientSampleId :

PL-1-012125MSD

Tgt Ion: 93 Resp: 373242

Ion	Ratio	Lower	Upper
93	100		
63	72.0	58.0	98.0
95	32.3	12.5	52.5



#12

1,3-Dichlorobenzene

Concen: 33.141 ng

RT: 6.746 min Scan# 791

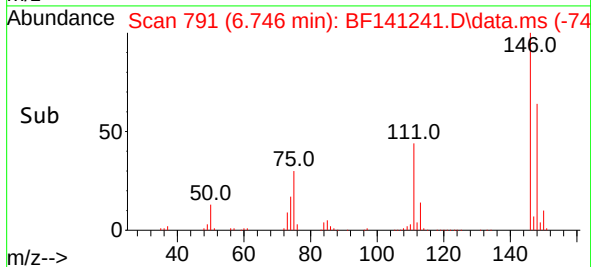
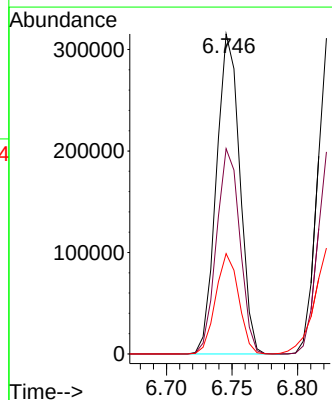
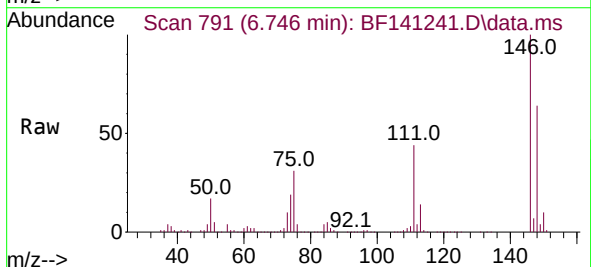
Delta R.T. -0.018 min

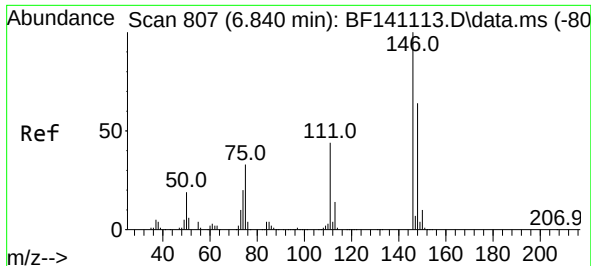
Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Tgt Ion:146 Resp: 389646

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	31.4	26.2	39.2

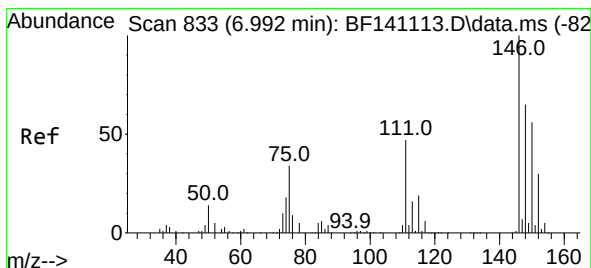
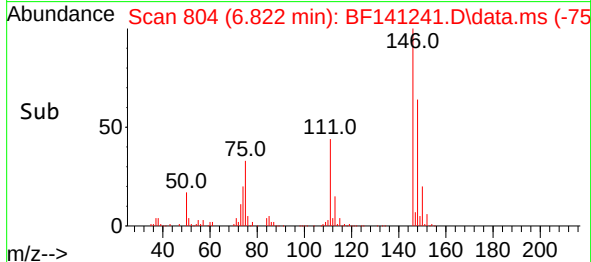
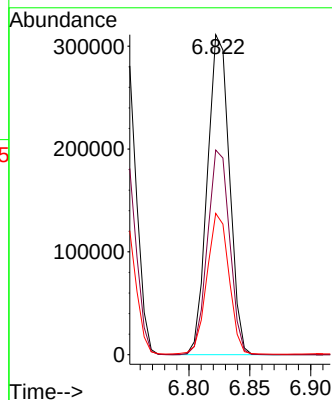
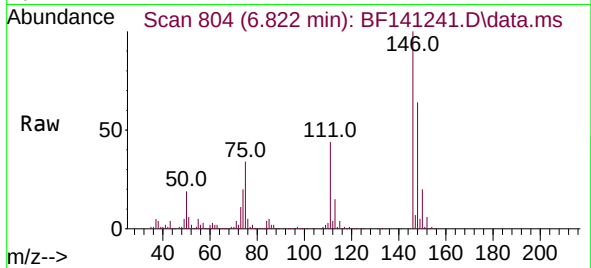




#13
1,4-Dichlorobenzene
Concen: 33.014 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

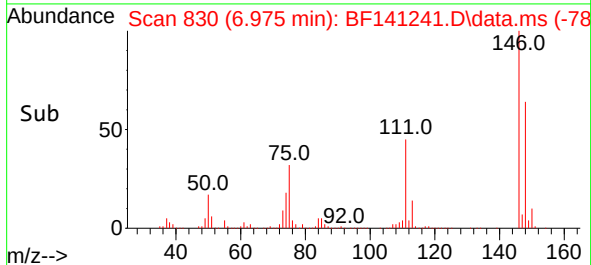
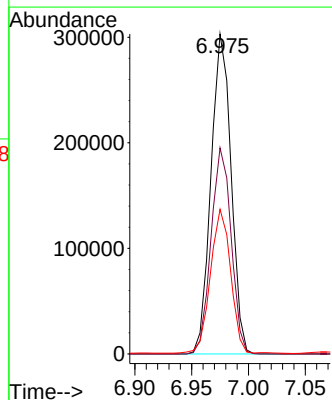
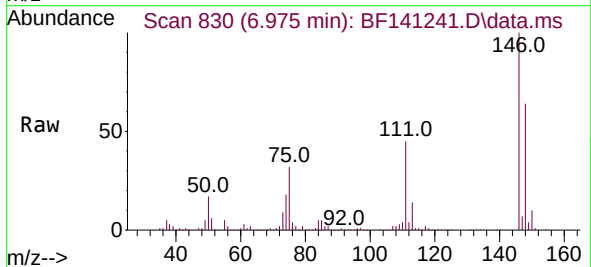
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

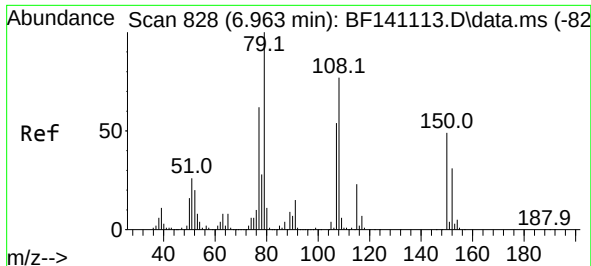
Tgt Ion:146 Resp: 391137
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 44.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 33.764 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:146 Resp: 373141
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
111 45.2 37.5 56.3

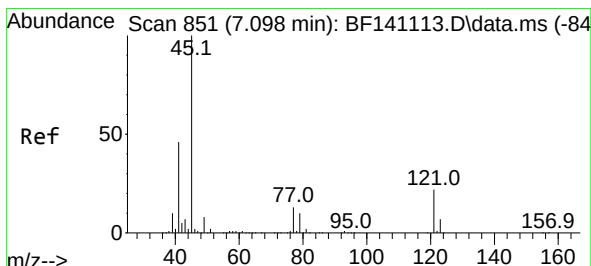
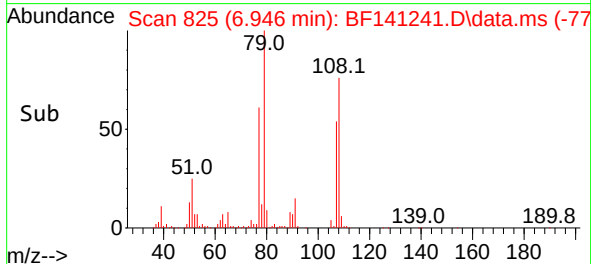
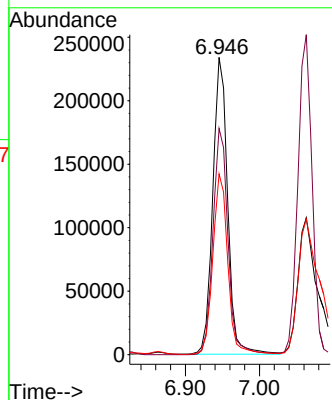
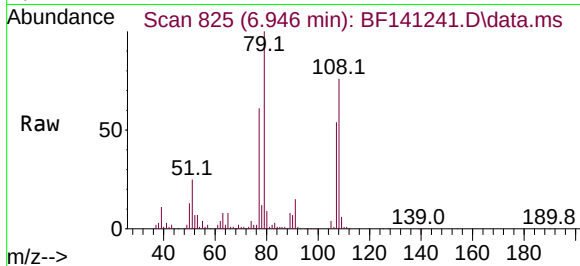




#15
Benzyl Alcohol
Concen: 36.202 ng
RT: 6.946 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

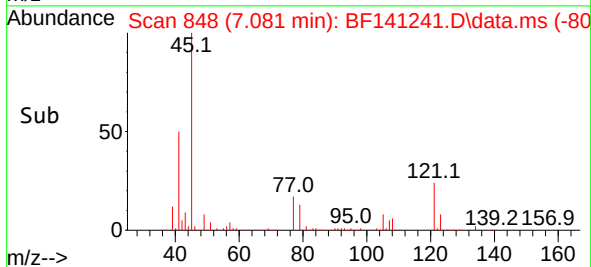
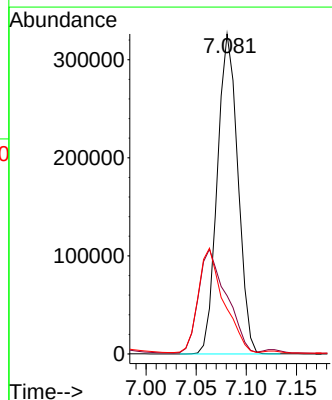
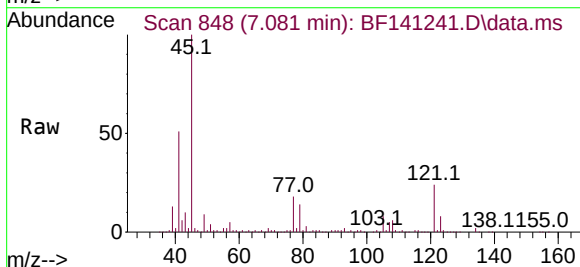
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

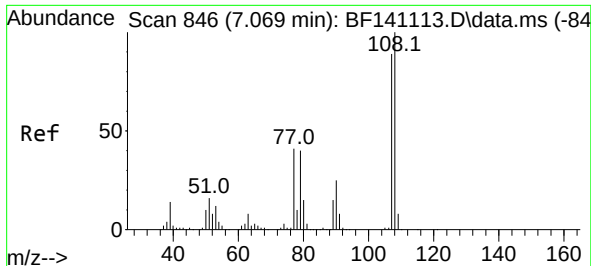
Tgt Ion: 79 Resp: 325389
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.0
77 60.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.592 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion: 45 Resp: 465427
Ion Ratio Lower Upper
45 100
77 18.2 0.0 34.1
79 14.1 0.0 31.0

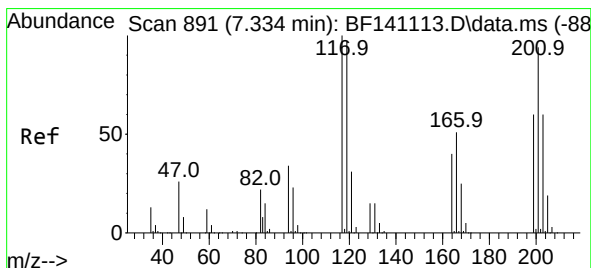
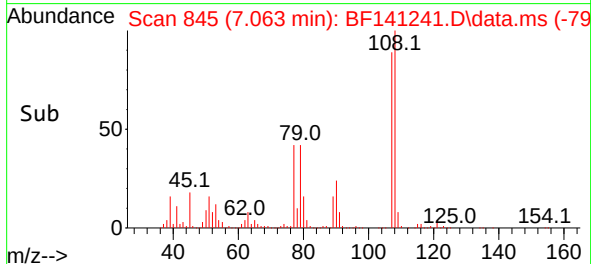
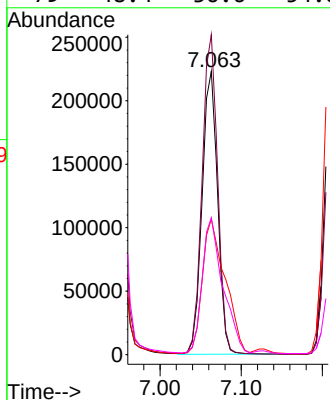
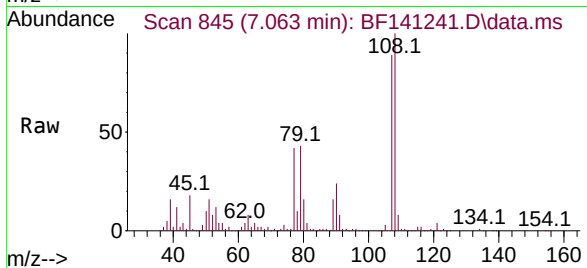




#17
2-Methylphenol
Concen: 34.757 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

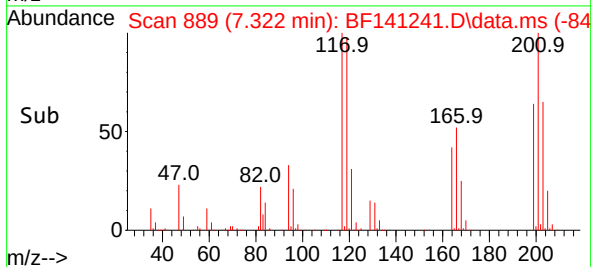
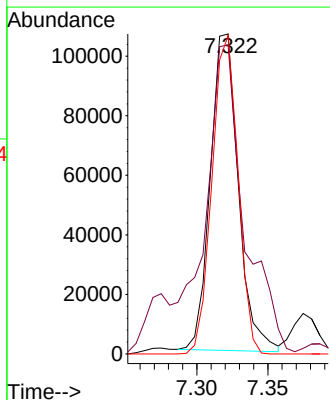
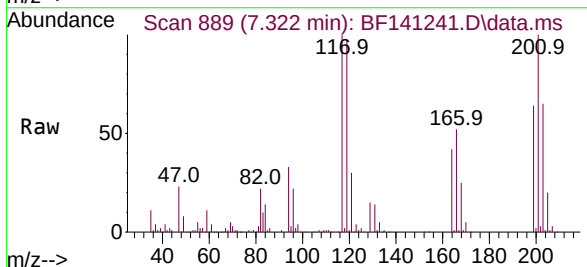
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

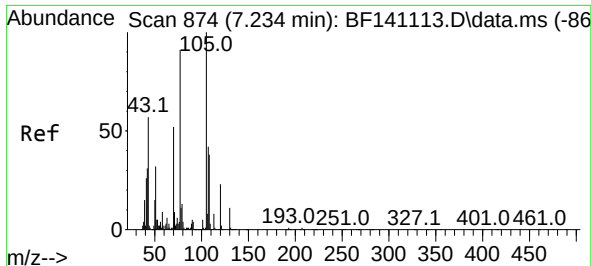
Tgt Ion:	107	Resp:	295804
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.1	135.1
77	47.9	36.6	55.0
79	48.4	36.6	54.8



#18
Hexachloroethane
Concen: 34.026 ng
RT: 7.322 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:	117	Resp:	145785
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.6	116.4
201	99.5	75.1	112.7

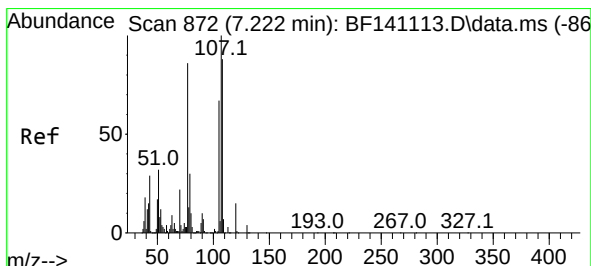
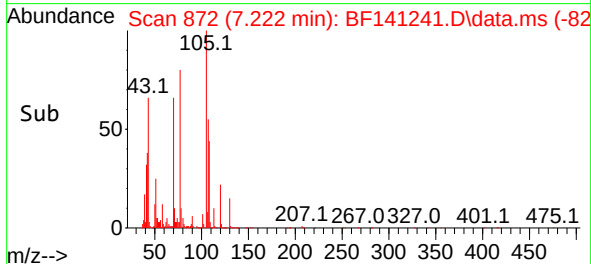
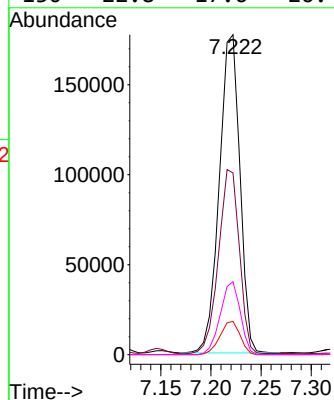
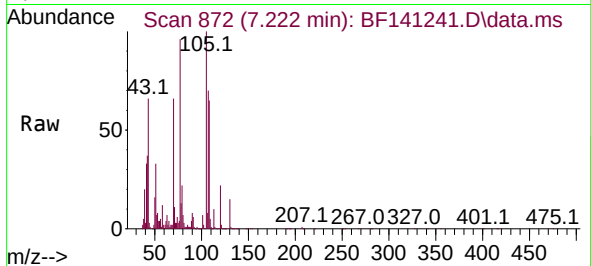




#19
n-Nitroso-di-n-propylamine
Concen: 34.467 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

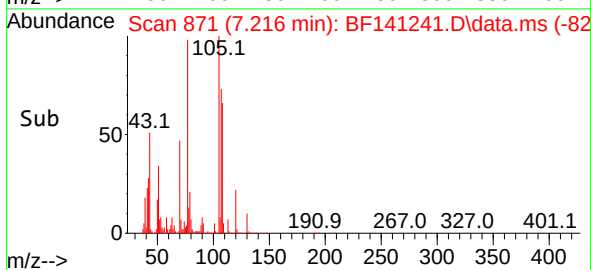
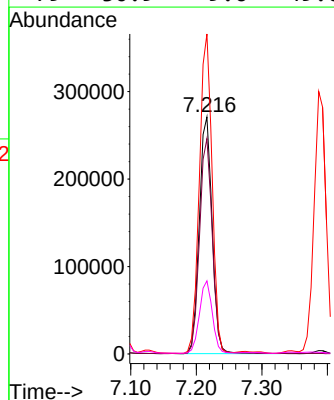
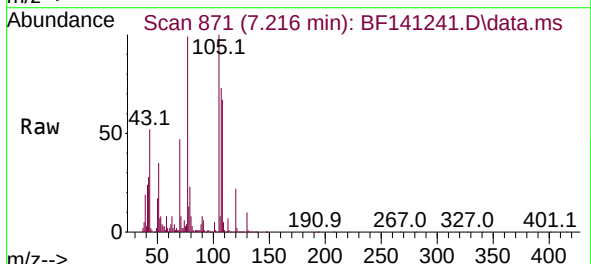
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

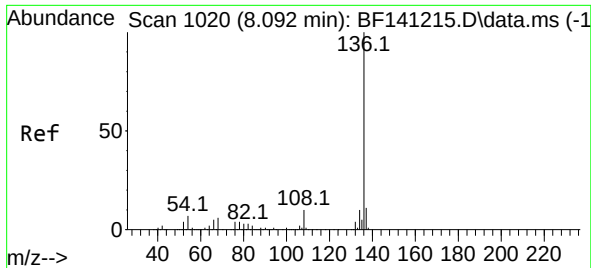
Tgt Ion: 70 Resp: 252694
Ion Ratio Lower Upper
70 100
42 56.8 47.8 71.6
101 10.4 7.9 11.9
130 22.8 17.6 26.4



#20
3+4-Methylphenols
Concen: 34.334 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion: 107 Resp: 368645
Ion Ratio Lower Upper
107 100
108 90.9 68.3 108.3
77 135.0 66.4 106.4#
79 30.9 9.6 49.6

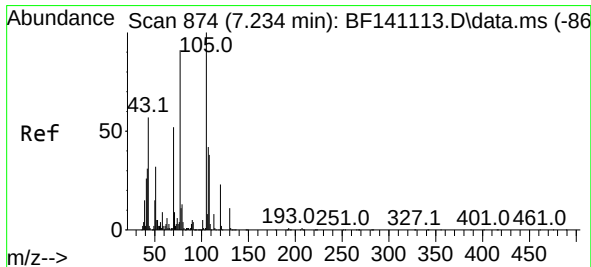
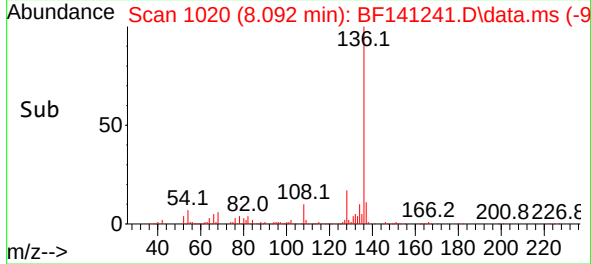
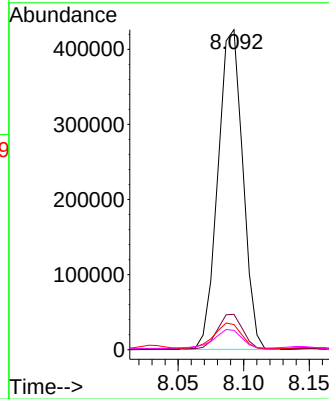
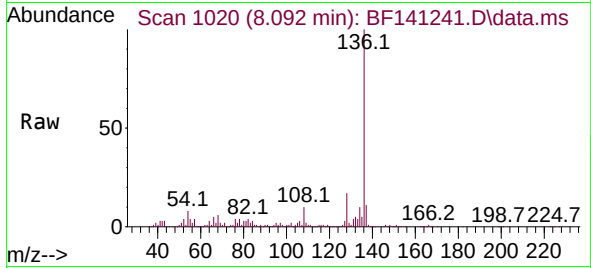




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

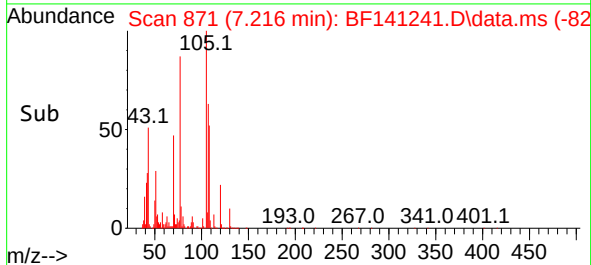
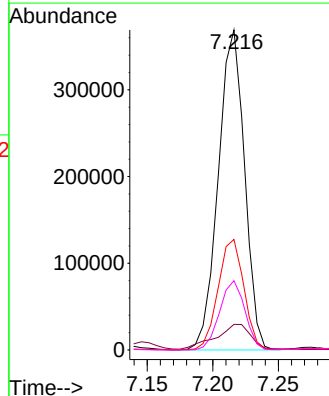
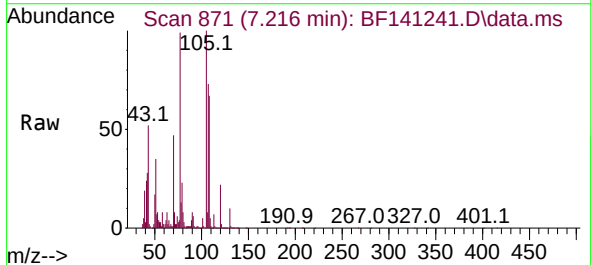
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

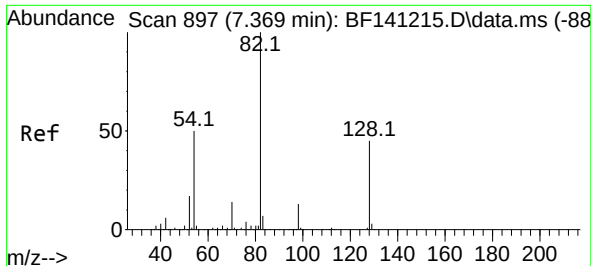
Tgt Ion:	136	Resp:	561329
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	6.3	9.5
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 38.513 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:	105	Resp:	513925
Ion	Ratio	Lower	Upper
105	100		
71	8.0	7.1	10.7
51	34.6	25.4	38.2
120	21.6	18.0	27.0

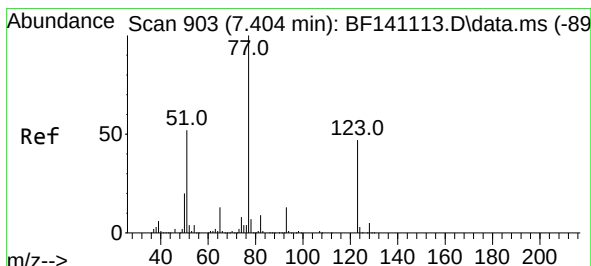
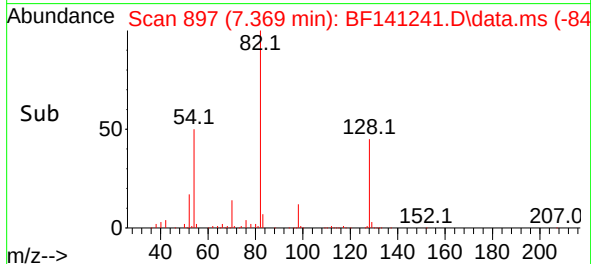
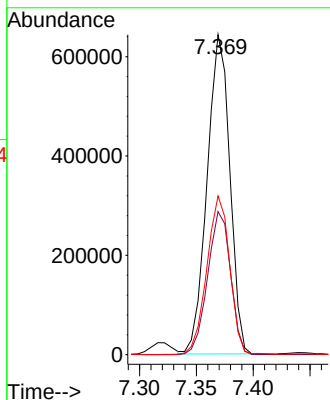
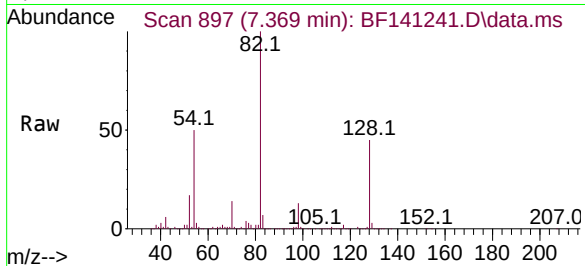




#23
Nitrobenzene-d5
Concen: 84.566 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

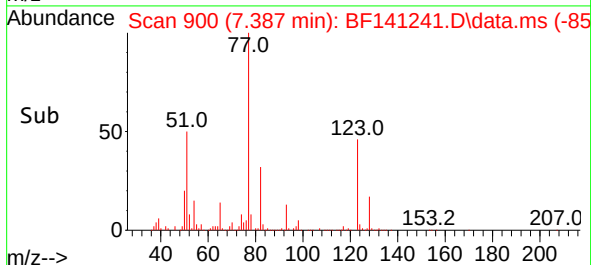
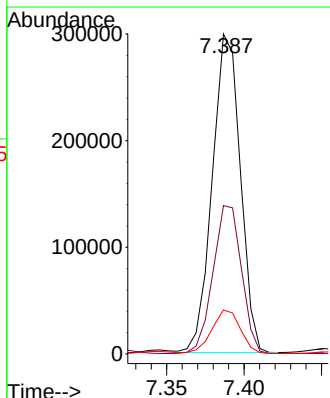
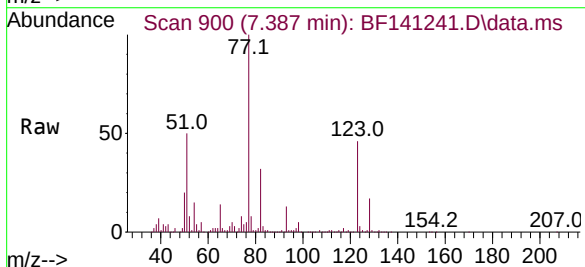
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

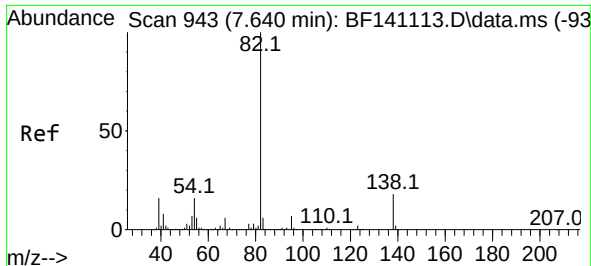
Tgt Ion: 82 Resp: 895509
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 49.6 41.0 61.4



#24
Nitrobenzene
Concen: 34.039 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion: 77 Resp: 375671
Ion Ratio Lower Upper
77 100
123 46.4 37.7 56.5
65 13.7 10.6 16.0

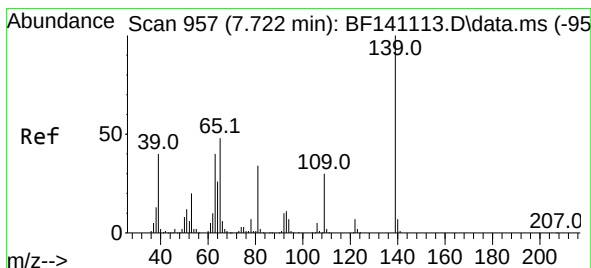
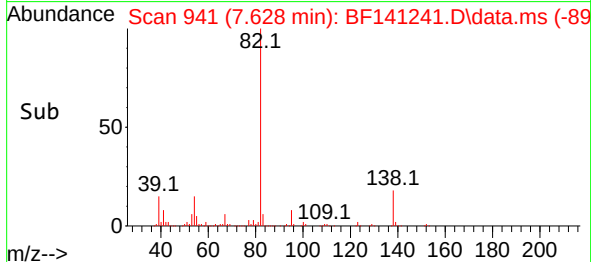
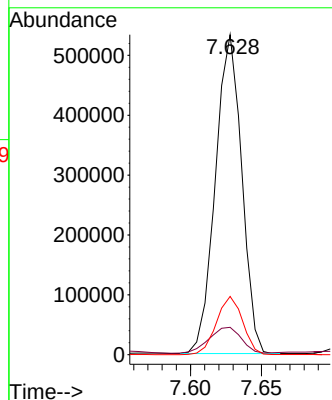
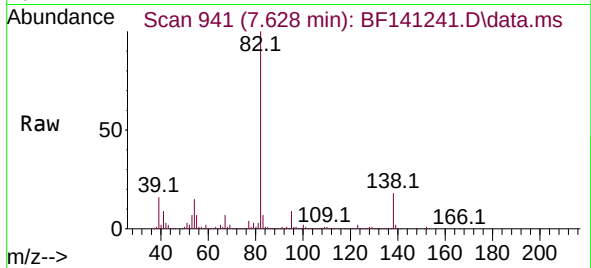




#25
Isophorone
Concen: 37.960 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

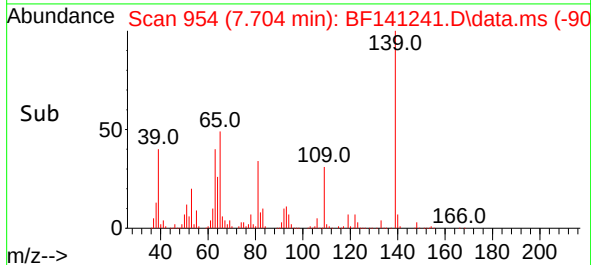
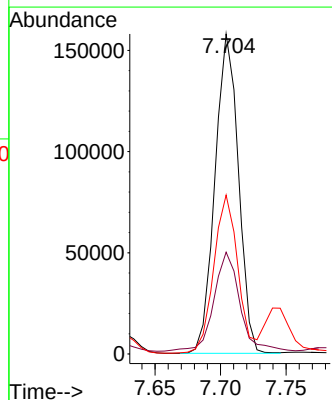
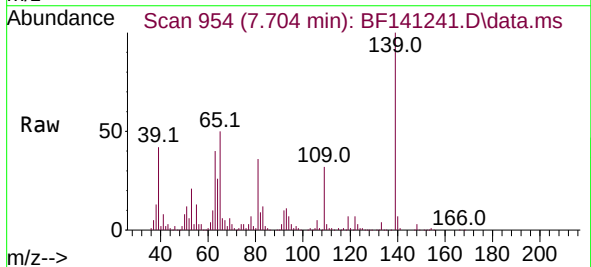
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

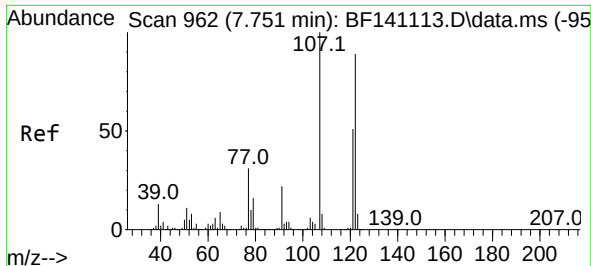
Tgt Ion: 82 Resp: 686964
Ion Ratio Lower Upper
82 100
95 8.5 5.9 8.9
138 18.2 14.2 21.2



#26
2-Nitrophenol
Concen: 39.012 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion: 139 Resp: 195851
Ion Ratio Lower Upper
139 100
109 31.8 23.8 35.6
65 49.6 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 41.639 ng

RT: 7.745 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

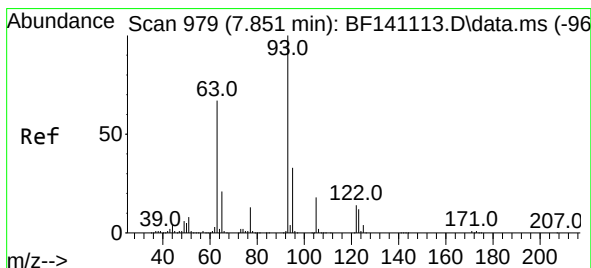
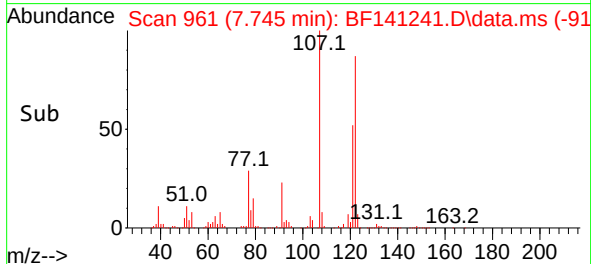
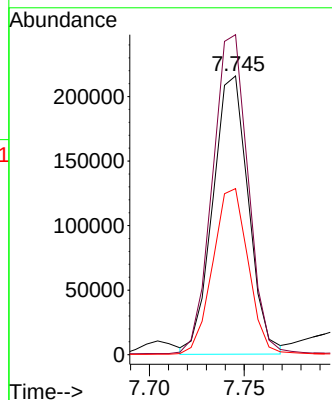
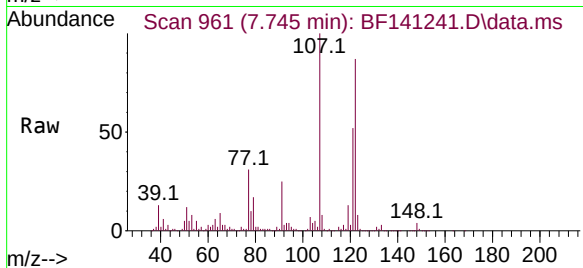
Tgt Ion:122 Resp: 281963

Ion Ratio Lower Upper

122 100

107 114.8 90.3 135.5

121 59.6 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 36.733 ng

RT: 7.840 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

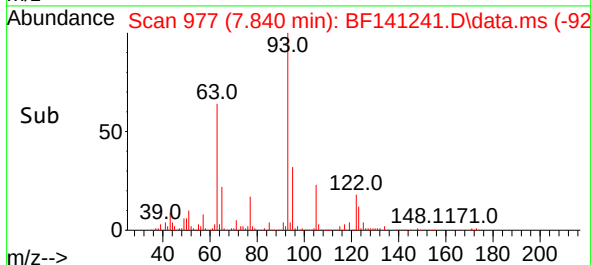
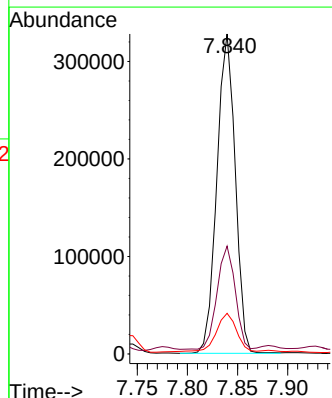
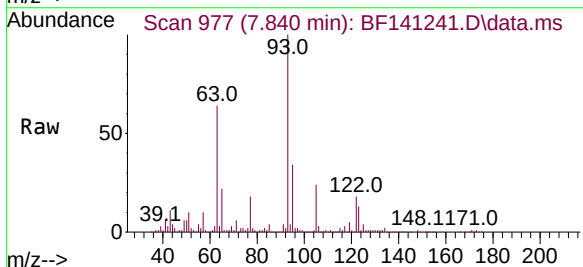
Tgt Ion: 93 Resp: 417185

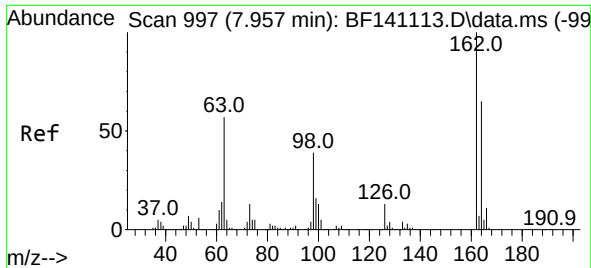
Ion Ratio Lower Upper

93 100

95 33.7 26.2 39.4

123 12.7 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 36.717 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

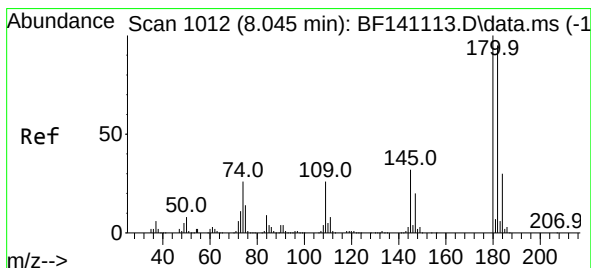
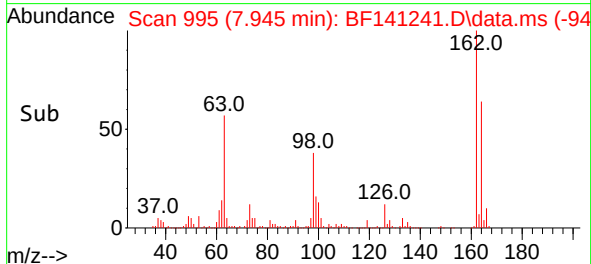
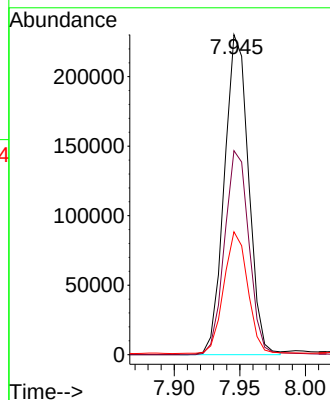
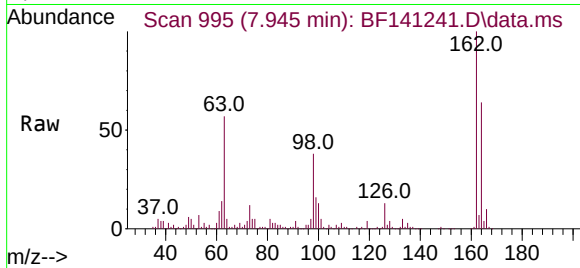
Tgt Ion:162 Resp: 295294

Ion Ratio Lower Upper

162 100

164 63.7 44.5 84.5

98 38.4 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 34.516 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

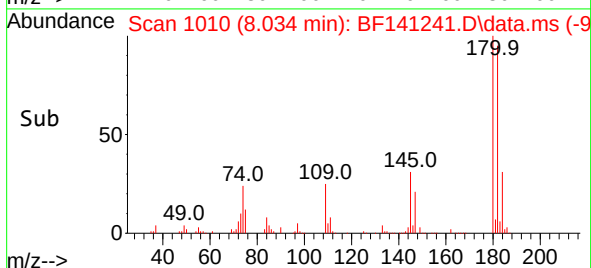
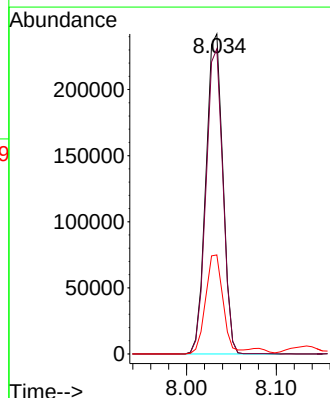
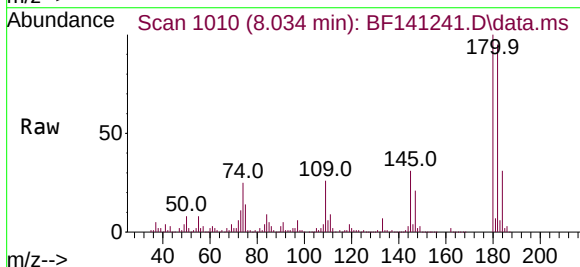
Tgt Ion:180 Resp: 317297

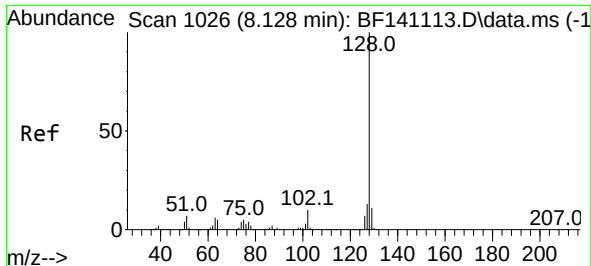
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 30.9 25.3 37.9

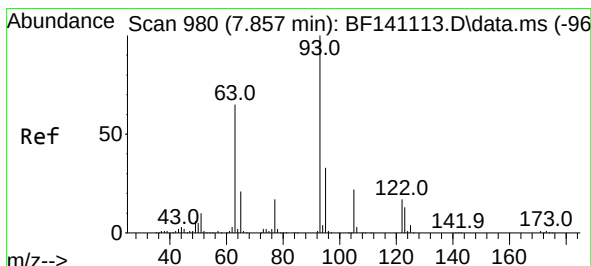
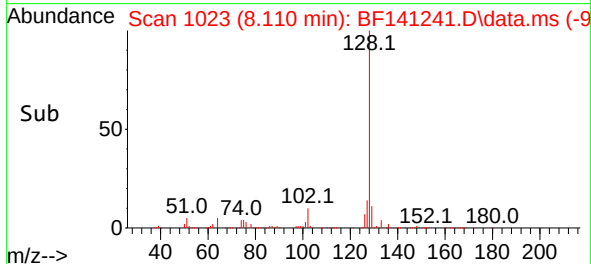
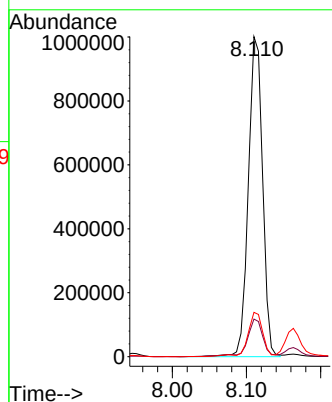
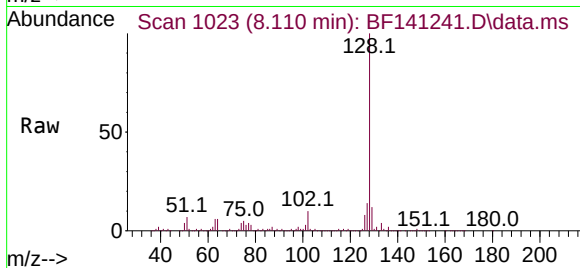




#31
Naphthalene
Concen: 45.009 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

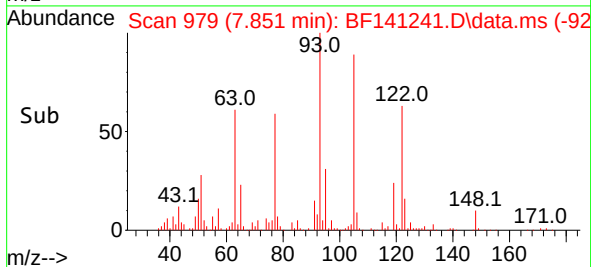
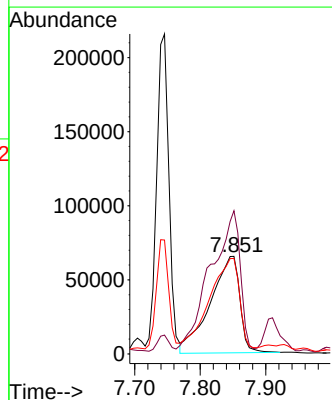
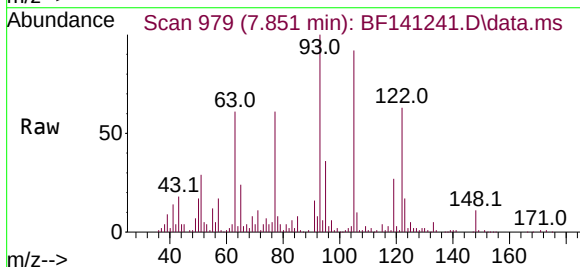
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

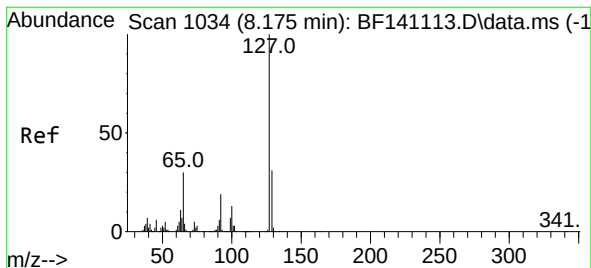
Tgt Ion:128 Resp: 1332368
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 31.410 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:122 Resp: 204036
Ion Ratio Lower Upper
122 100
105 146.8 105.5 145.5#
77 97.9 75.1 115.1





#33

4-Chloroaniline

Concen: 12.512 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

Tgt Ion:127 Resp: 128087

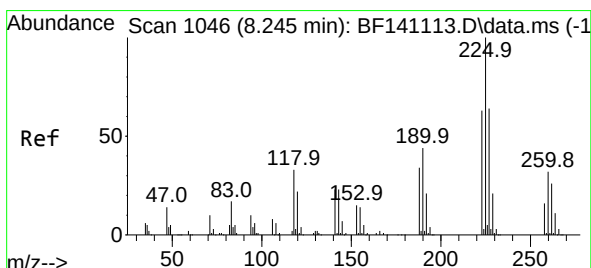
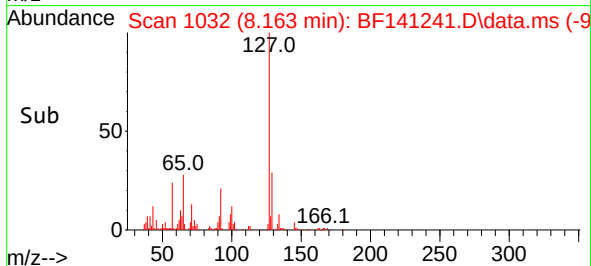
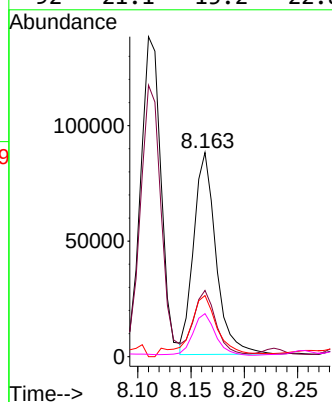
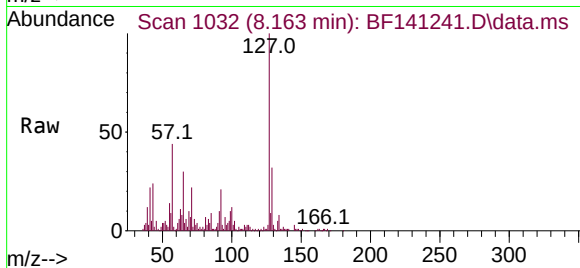
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 29.9 23.8 35.8

92 21.1 15.2 22.8



#34

Hexachlorobutadiene

Concen: 35.505 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.018 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

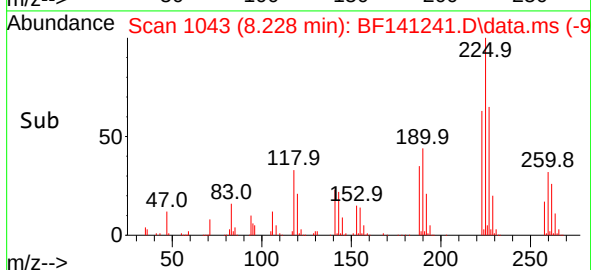
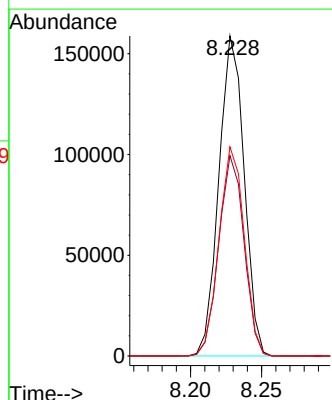
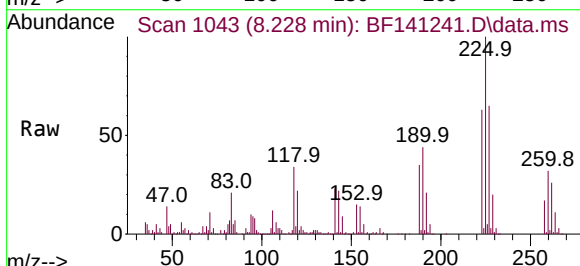
Tgt Ion:225 Resp: 196672

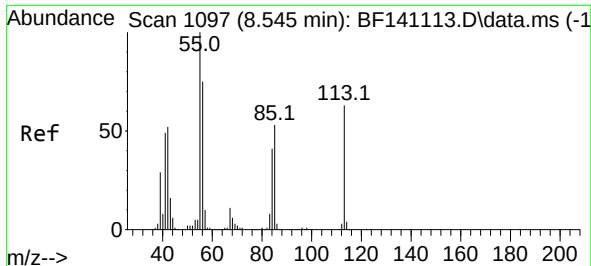
Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

227 65.3 51.6 77.4

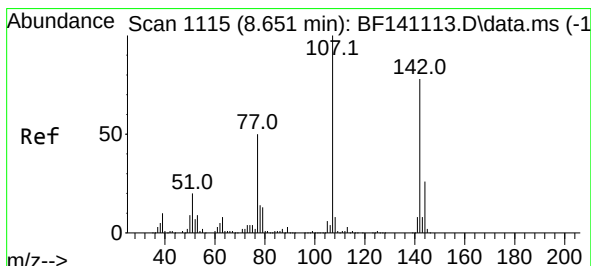
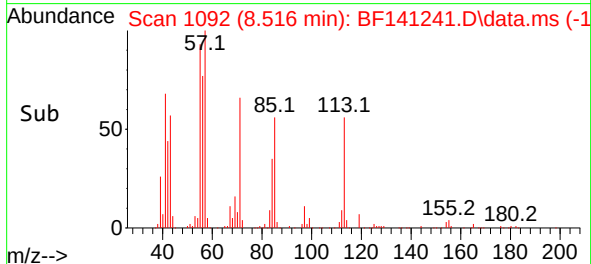
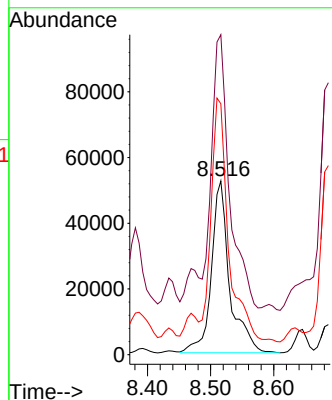
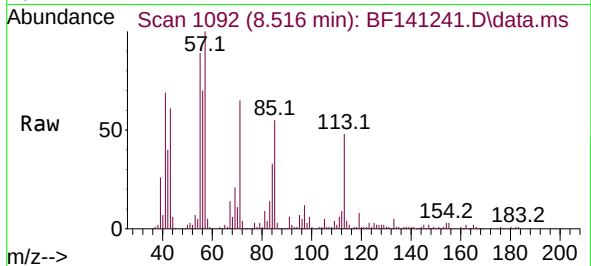




#35
 Caprolactam
 Concen: 39.948 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141241.D
 Acq: 22 Jan 2025 17:58

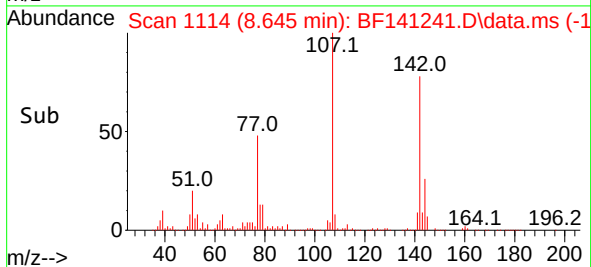
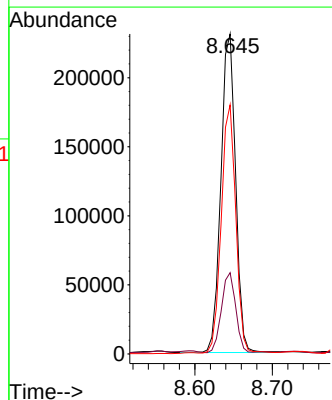
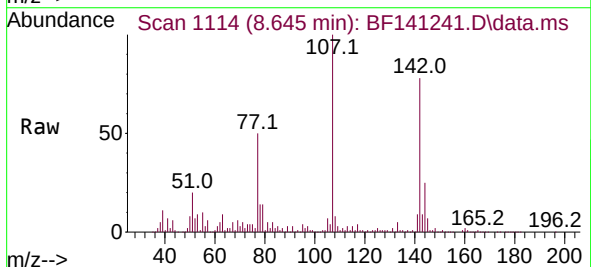
Instrument :
 BNA_F
 ClientSampleId :
 PL-1-012125MSD

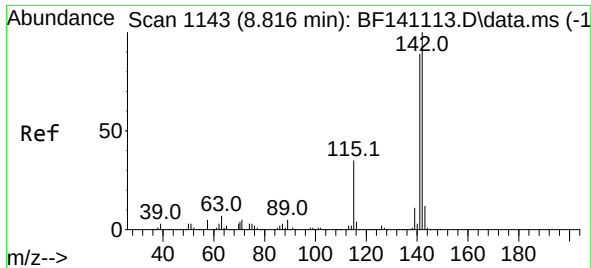
Tgt Ion:113 Resp: 105184
 Ion Ratio Lower Upper
 113 100
 55 184.1 139.7 179.7#
 56 144.4 99.4 139.4#



#36
 4-Chloro-3-methylphenol
 Concen: 34.638 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: BF141241.D
 Acq: 22 Jan 2025 17:58

Tgt Ion:107 Resp: 304664
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.4 30.6
 142 77.9 62.2 93.2

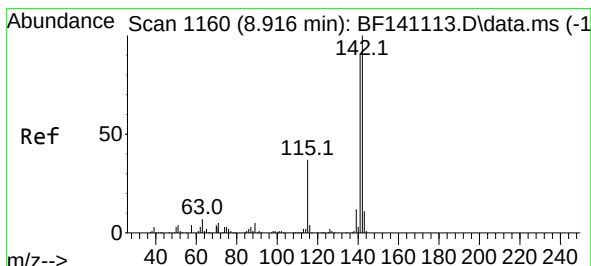
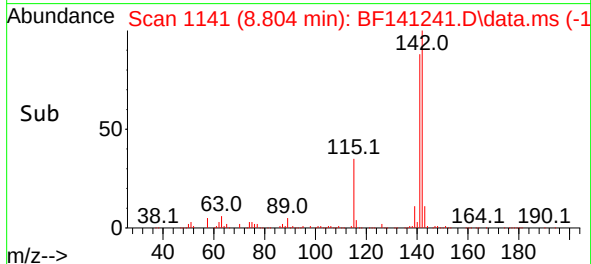
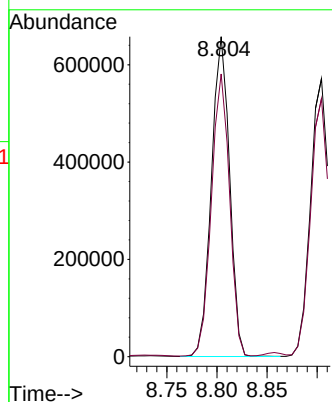
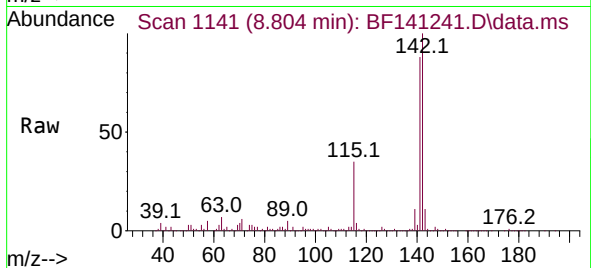




#37
2-Methylnaphthalene
Concen: 43.808 ng
RT: 8.804 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

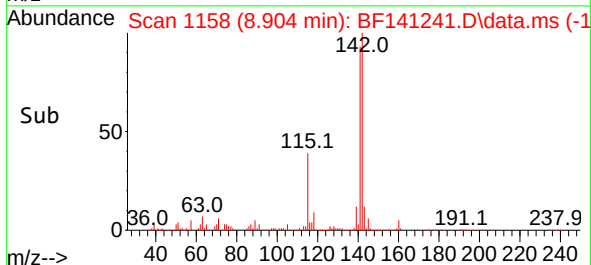
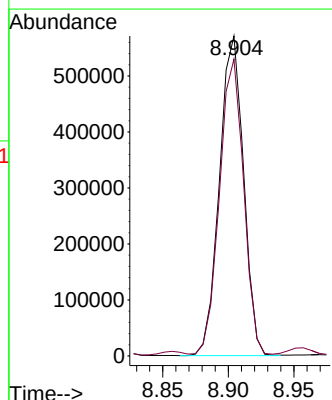
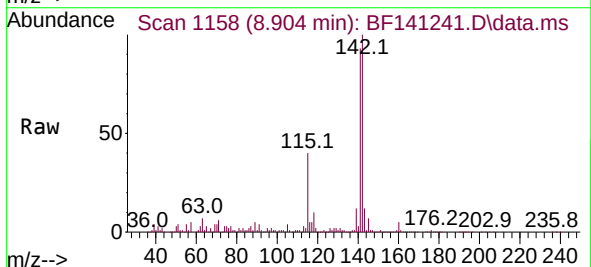
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

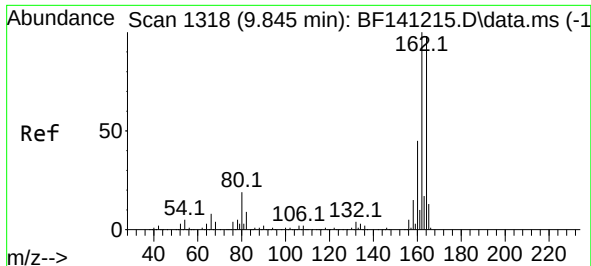
Tgt Ion:142 Resp: 826375
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9



#38
1-Methylnaphthalene
Concen: 39.226 ng
RT: 8.904 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:142 Resp: 729241
Ion Ratio Lower Upper
142 100
141 92.8 73.1 109.7

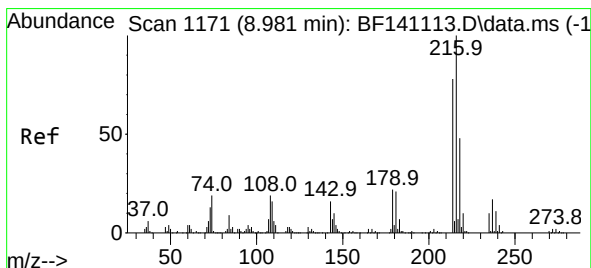
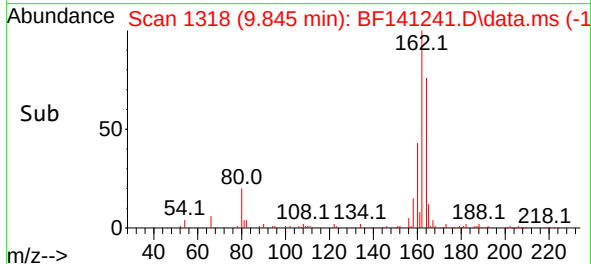
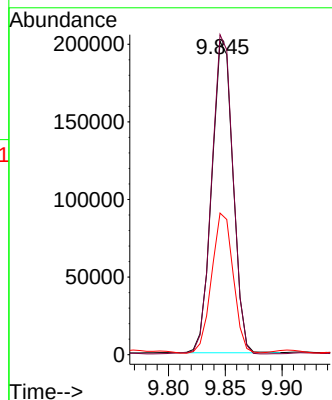
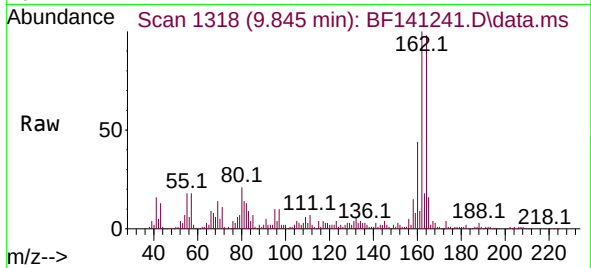




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

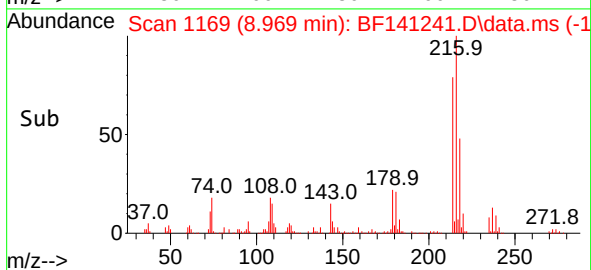
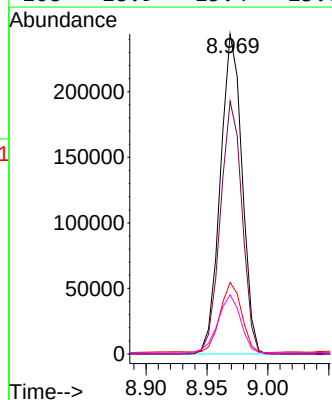
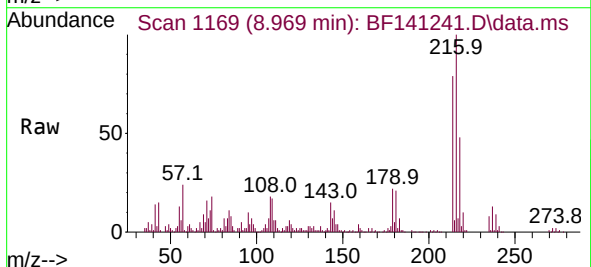
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

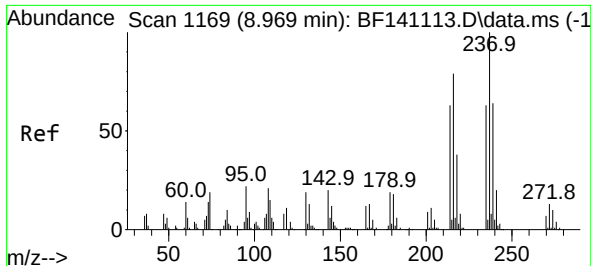
Tgt Ion:164 Resp: 261542
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 45.2 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.364 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:216 Resp: 303005
Ion Ratio Lower Upper
216 100
214 78.7 62.6 94.0
179 21.7 17.7 26.5
108 18.9 15.4 23.0

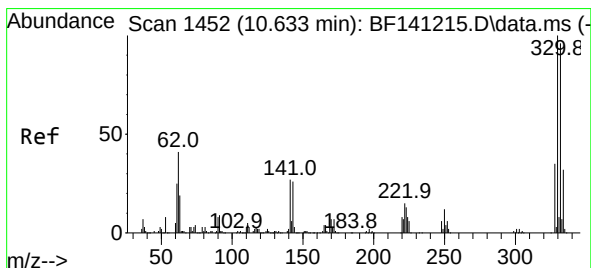
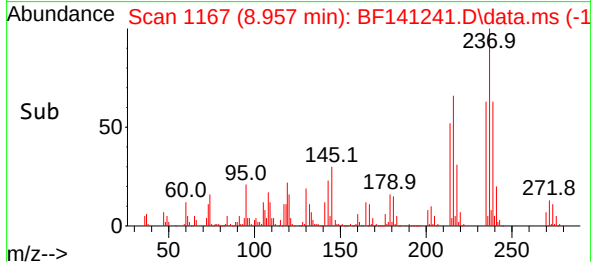
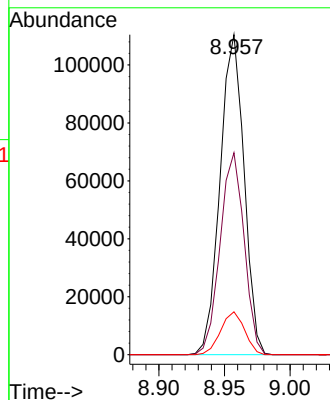
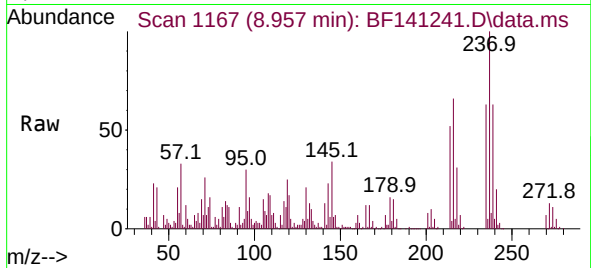




#41
Hexachlorocyclopentadiene
Concen: 57.125 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

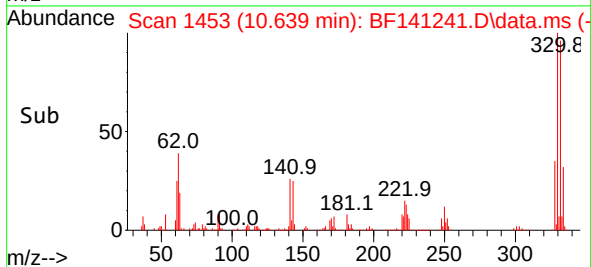
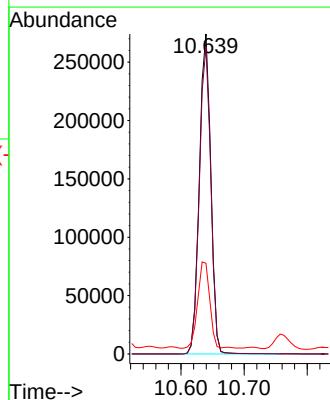
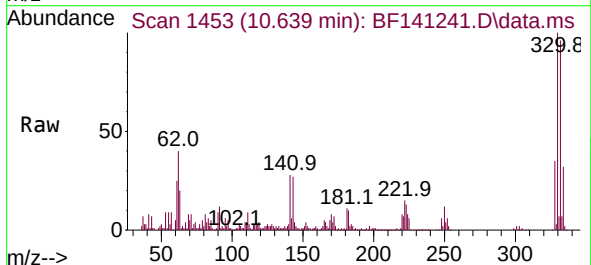
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

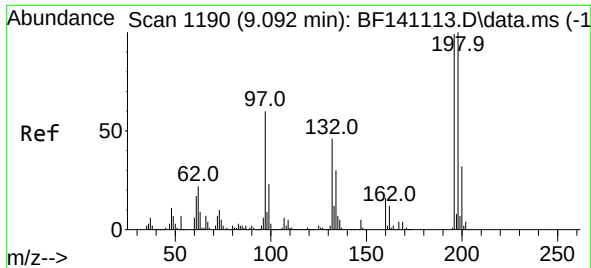
Tgt Ion:237 Resp: 140296
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.4 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 115.672 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:330 Resp: 344714
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 28.2 25.2 37.8

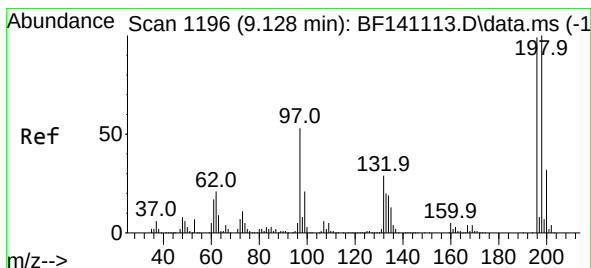
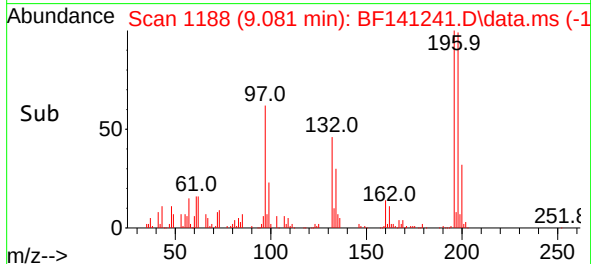
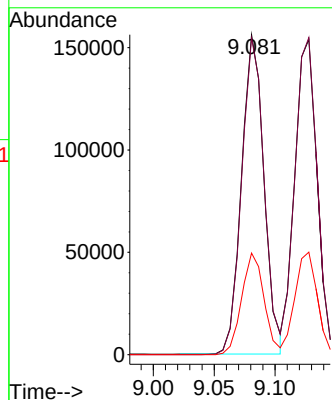
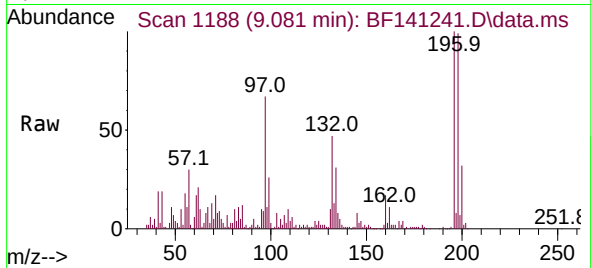




#43
2,4,6-Trichlorophenol
Concen: 39.447 ng
RT: 9.081 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

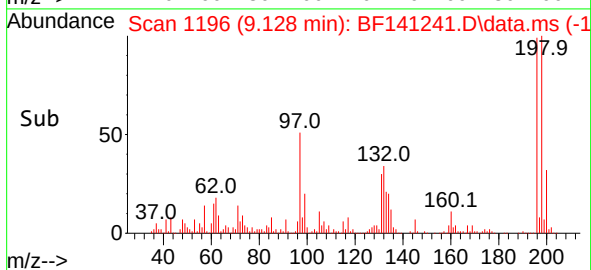
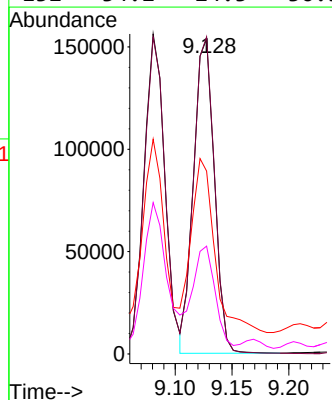
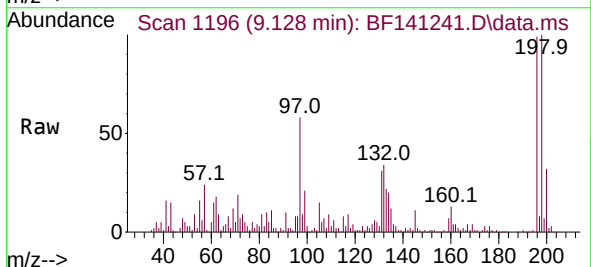
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

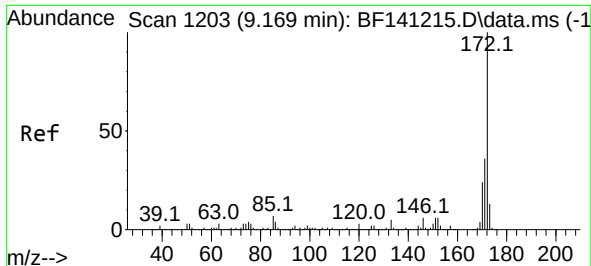
Tgt Ion:196 Resp: 199712
Ion Ratio Lower Upper
196 100
198 99.0 80.8 121.2
200 31.7 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 36.677 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:196 Resp: 196110
Ion Ratio Lower Upper
196 100
198 100.6 80.6 120.8
97 58.0 43.1 64.7
132 34.2 24.3 36.5

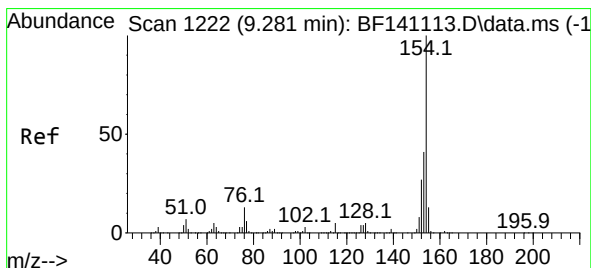
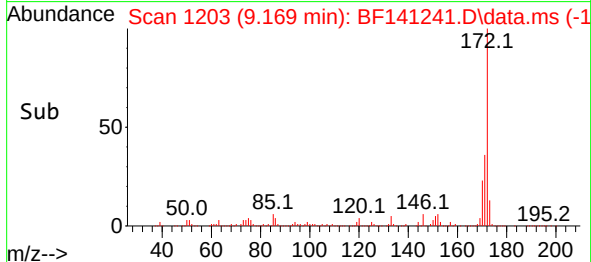
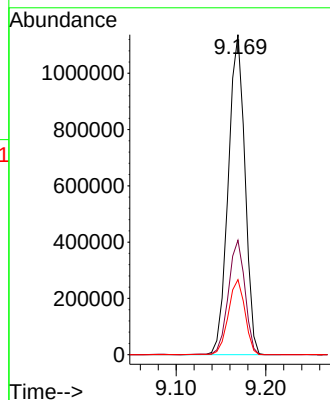
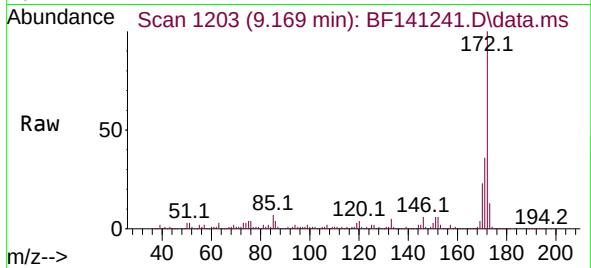




#45
2-Fluorobiphenyl
Concen: 85.651 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

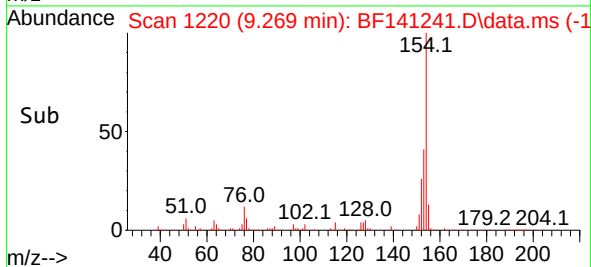
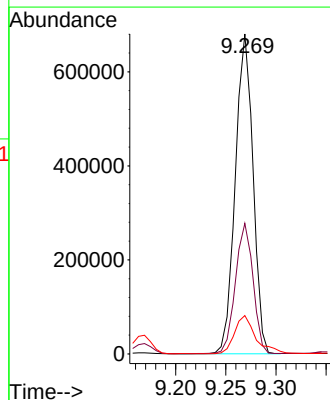
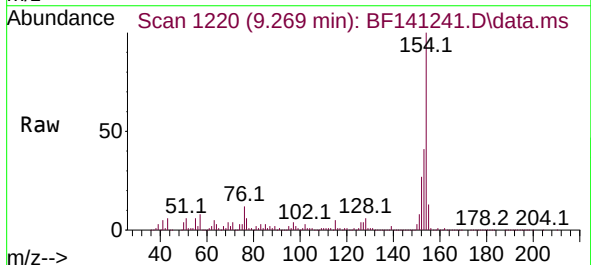
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

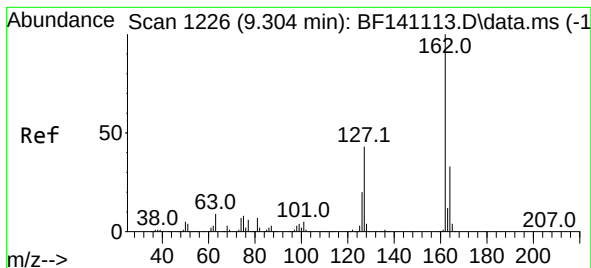
Tgt Ion:172 Resp: 1466974
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 41.164 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:154 Resp: 836106
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.0 0.0 33.1





#47

2-Chloronaphthalene

Concen: 37.181 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

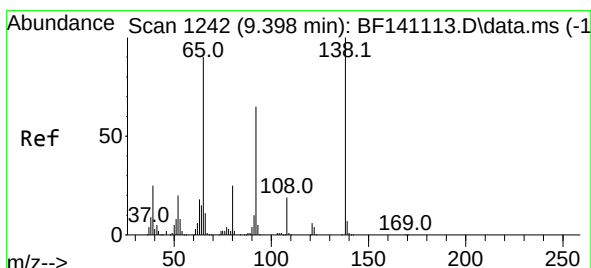
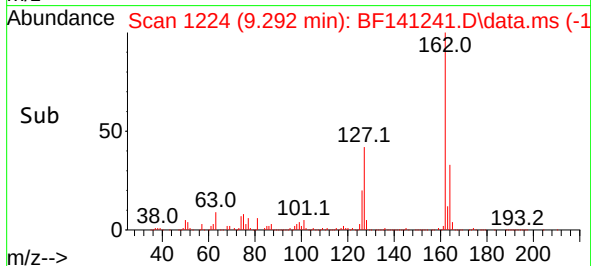
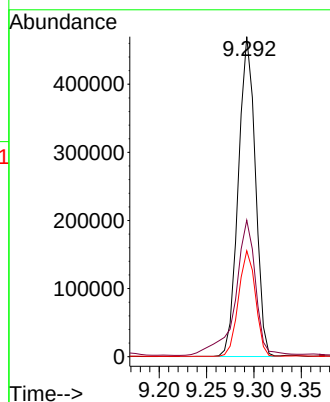
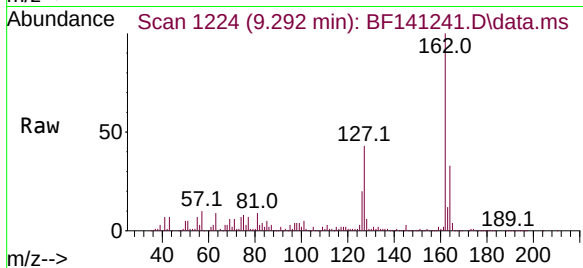
Tgt Ion:162 Resp: 588207

Ion Ratio Lower Upper

162 100

127 42.7 34.6 51.8

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 38.161 ng

RT: 9.387 min Scan# 1240

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

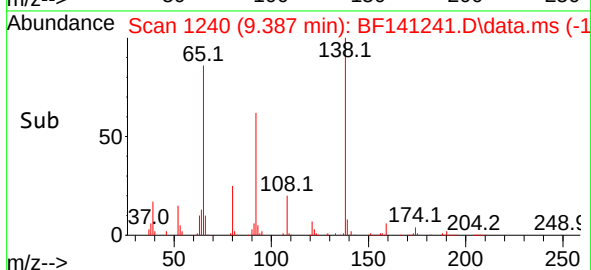
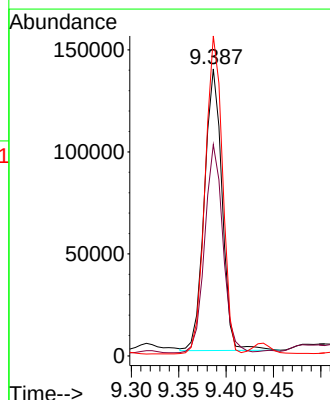
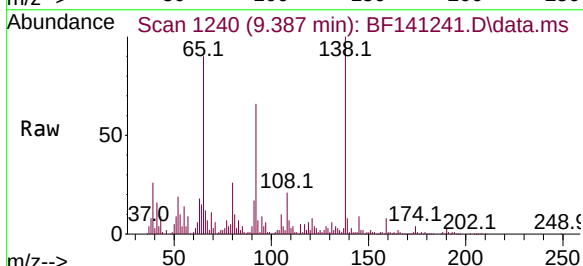
Tgt Ion: 65 Resp: 178958

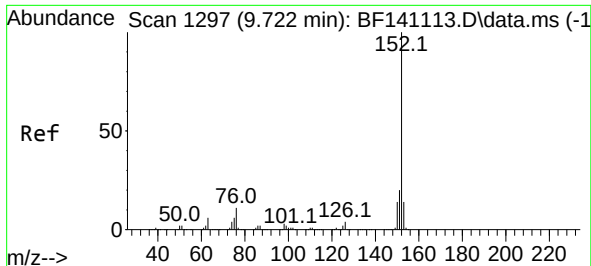
Ion Ratio Lower Upper

65 100

92 73.6 58.3 87.5

138 111.5 89.1 133.7

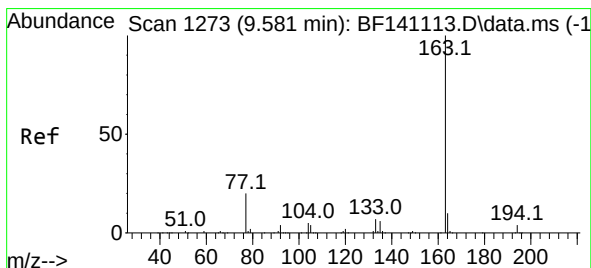
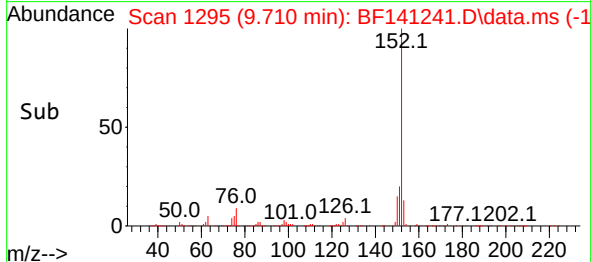
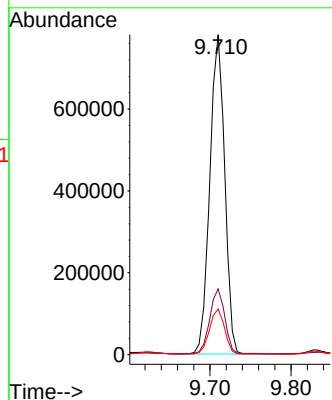
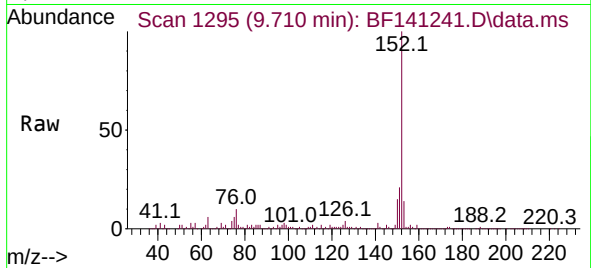




#49
Acenaphthylene
Concen: 43.940 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

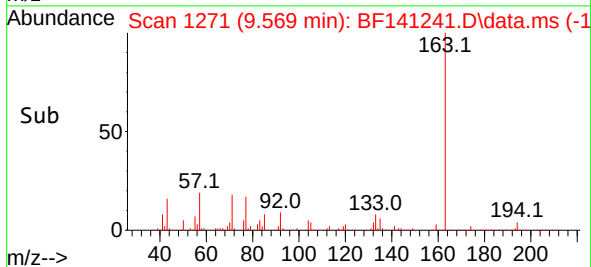
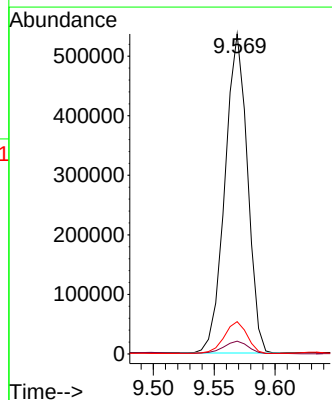
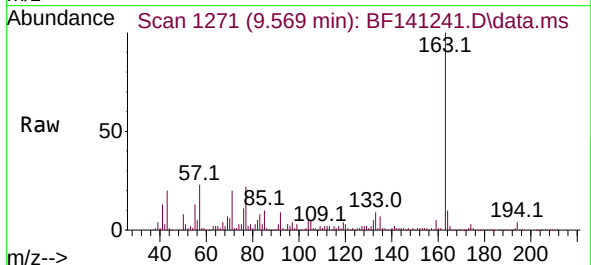
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

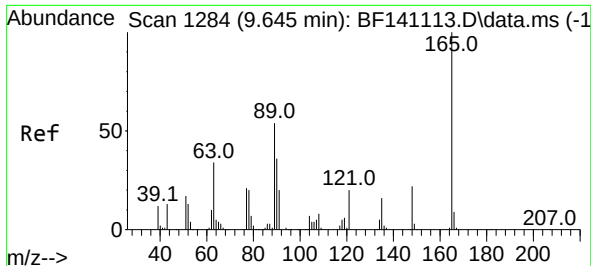
Tgt Ion:152 Resp: 993130
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.2 11.1 16.7



#50
Dimethylphthalate
Concen: 39.271 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:163 Resp: 689536
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.2 12.4

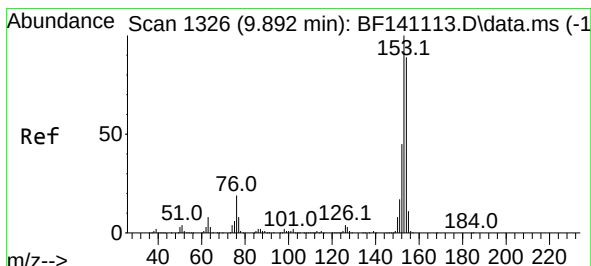
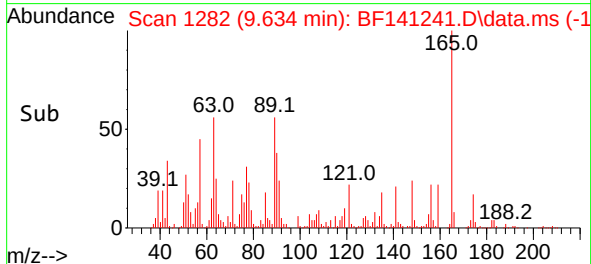
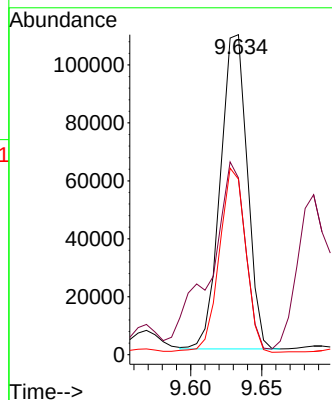
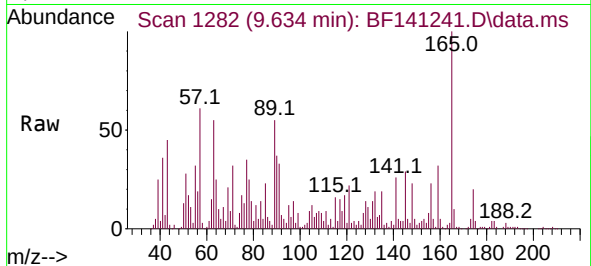




#51
2,6-Dinitrotoluene
Concen: 35.107 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

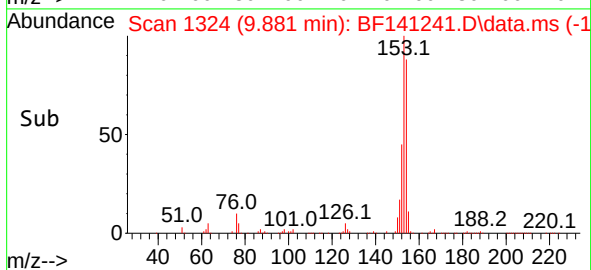
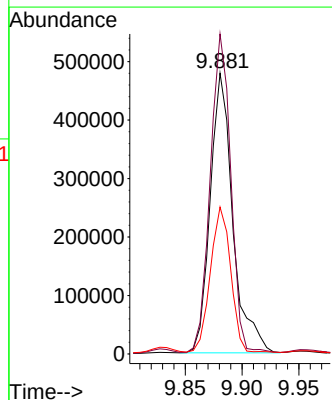
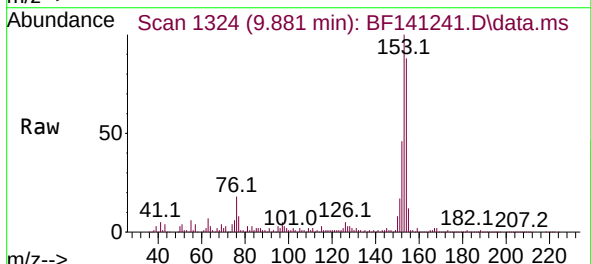
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

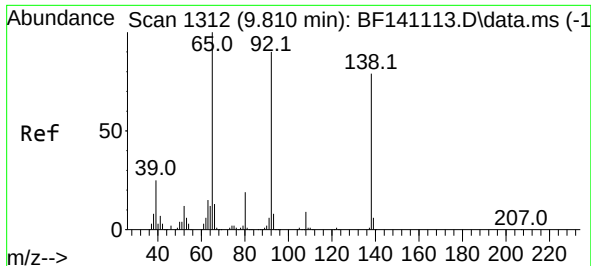
Tgt Ion:165 Resp: 143348
Ion Ratio Lower Upper
165 100
63 55.3 42.3 63.5
89 54.8 43.1 64.7



#52
Acenaphthene
Concen: 42.019 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:154 Resp: 663525
Ion Ratio Lower Upper
154 100
153 114.0 89.8 134.6
152 52.3 40.8 61.2

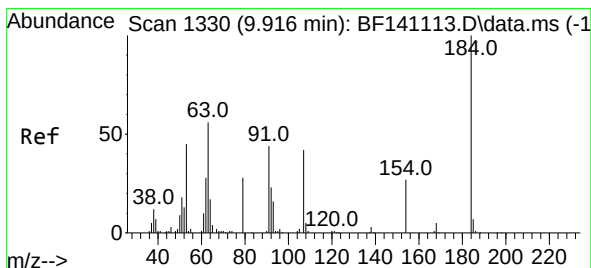
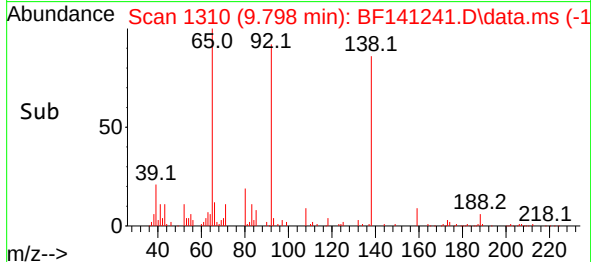
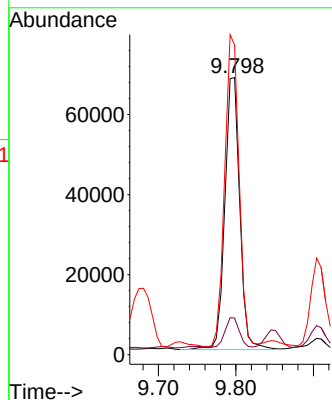
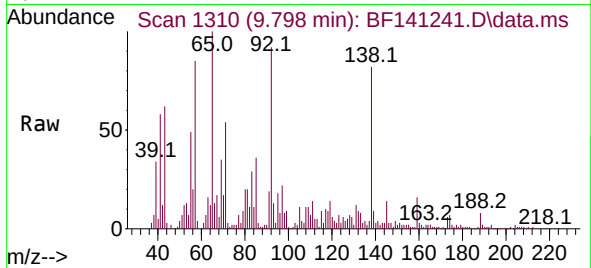




#53
3-Nitroaniline
Concen: 21.950 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

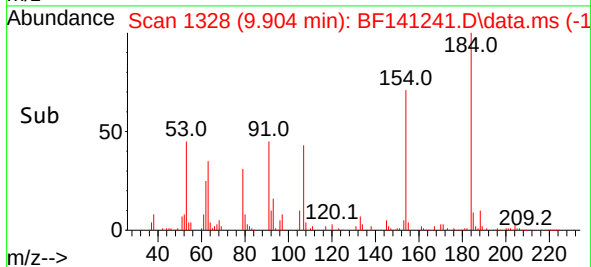
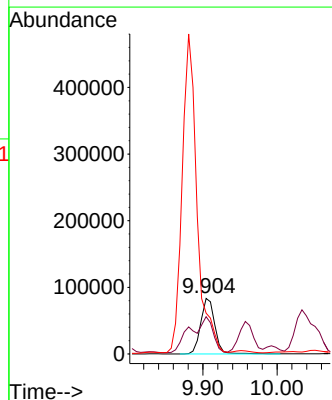
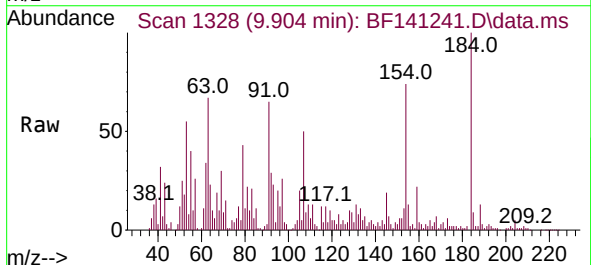
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

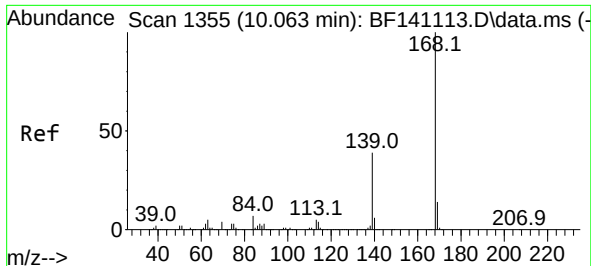
Tgt Ion:138 Resp: 91077
Ion Ratio Lower Upper
138 100
108 13.2 8.8 13.2#
92 111.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 56.628 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:184 Resp: 109902
Ion Ratio Lower Upper
184 100
63 67.0 48.7 73.1
154 73.6 57.1 85.7

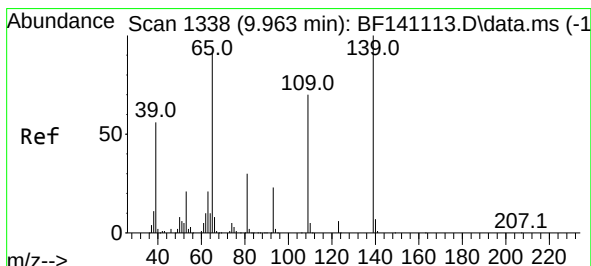
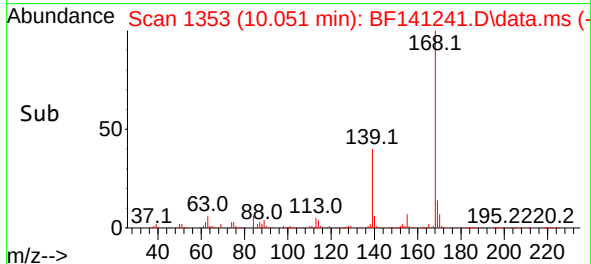
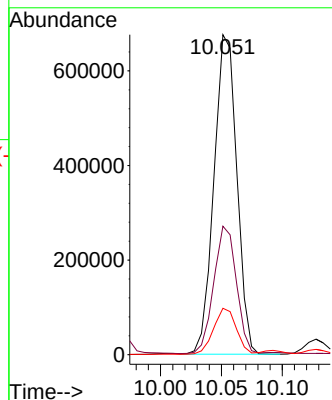
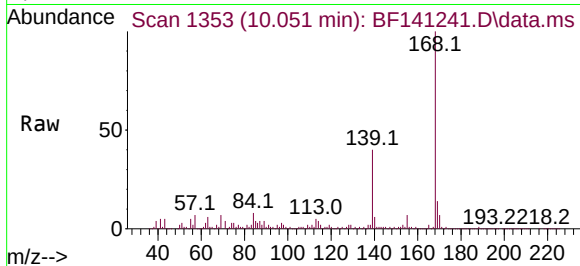




#55
Dibenzofuran
Concen: 41.092 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

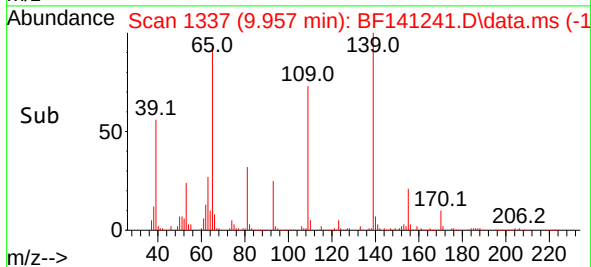
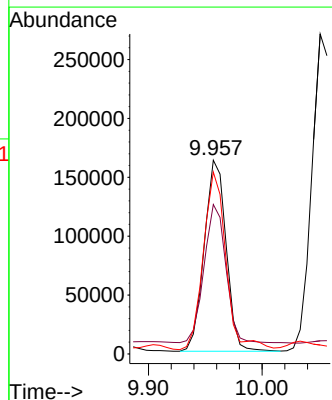
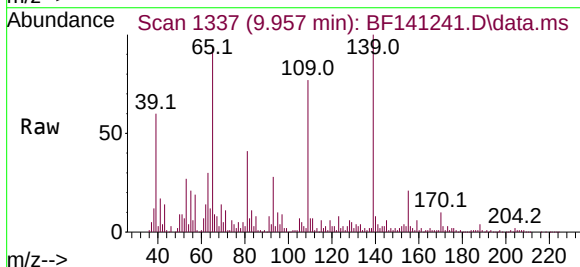
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

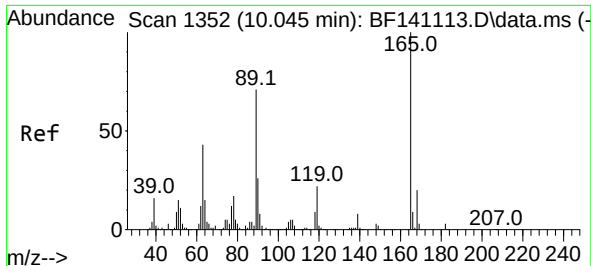
Tgt Ion:168 Resp: 882606
Ion Ratio Lower Upper
168 100
139 40.2 31.4 47.0
169 14.5 10.9 16.3



#56
4-Nitrophenol
Concen: 66.836 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:139 Resp: 217191
Ion Ratio Lower Upper
139 100
109 77.1 50.2 90.2
65 93.9 72.1 112.1

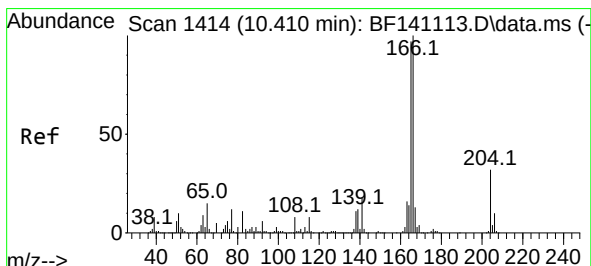
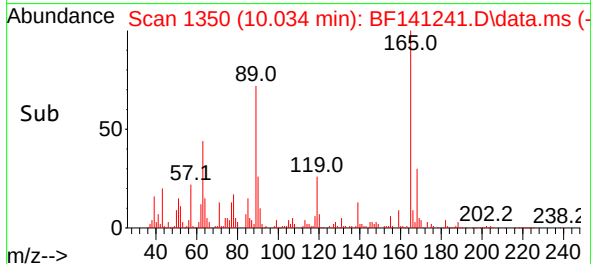
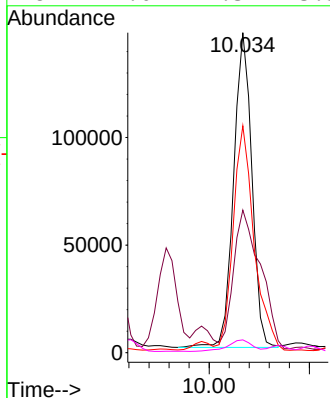
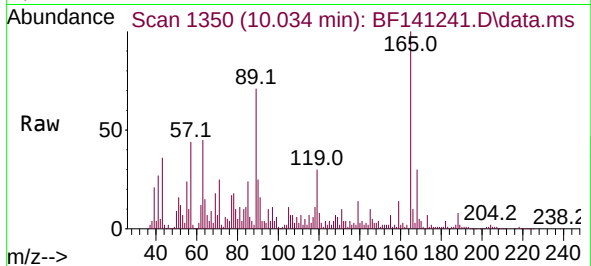




#57
2,4-Dinitrotoluene
Concen: 35.099 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

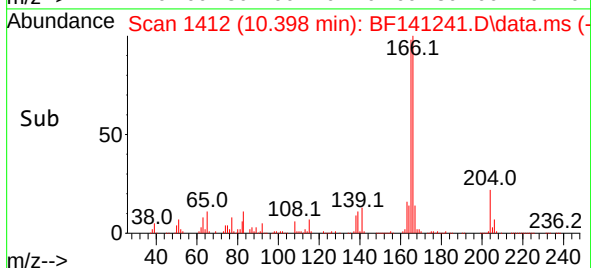
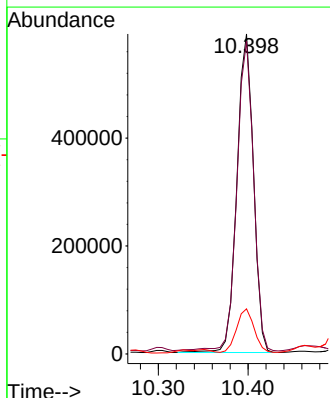
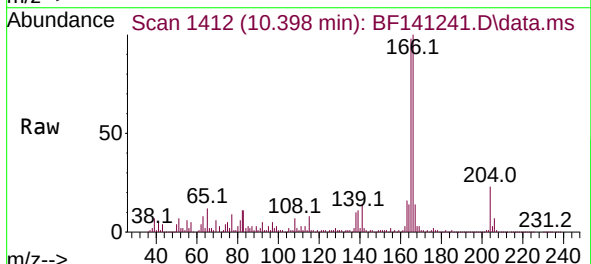
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

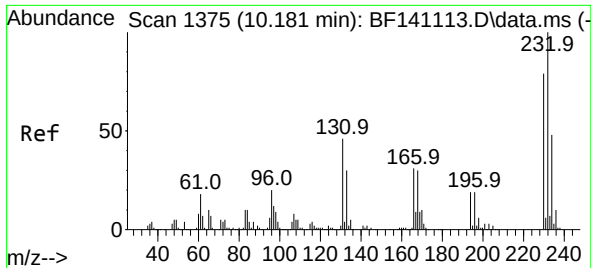
Tgt Ion:165 Resp: 184694
Ion Ratio Lower Upper
165 100
63 44.5 35.0 52.4
89 70.9 56.7 85.1
182 4.0 2.3 3.5#



#58
Fluorene
Concen: 45.239 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:166 Resp: 754889
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 14.1 10.8 16.2

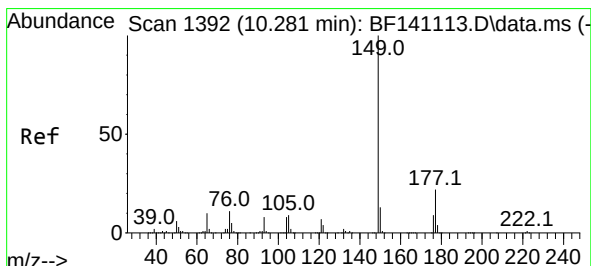
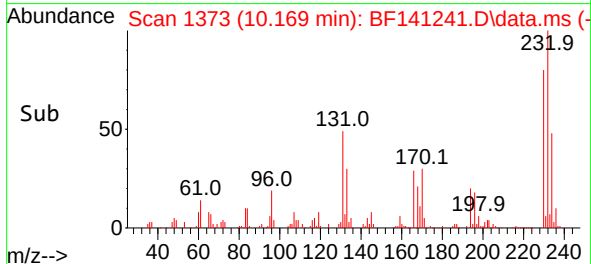
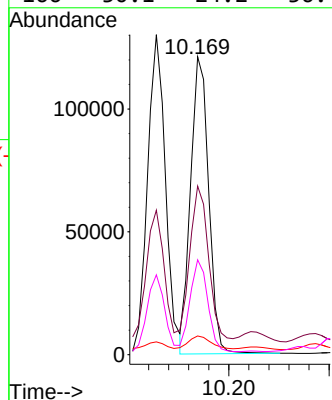
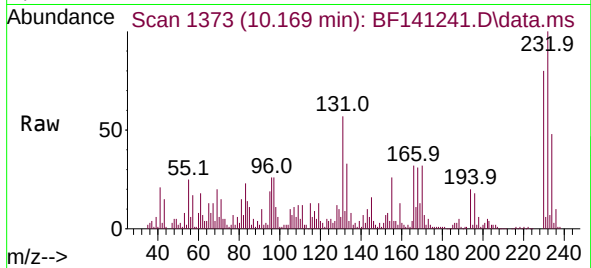




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.100 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

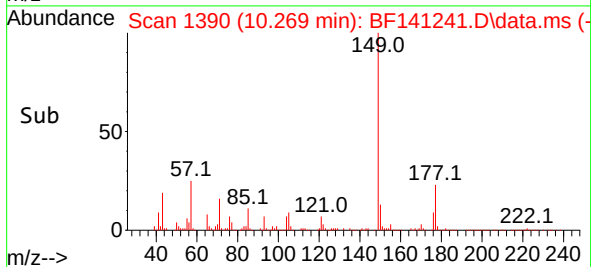
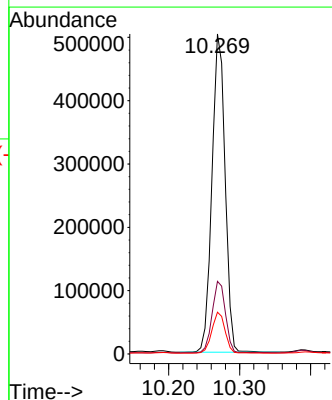
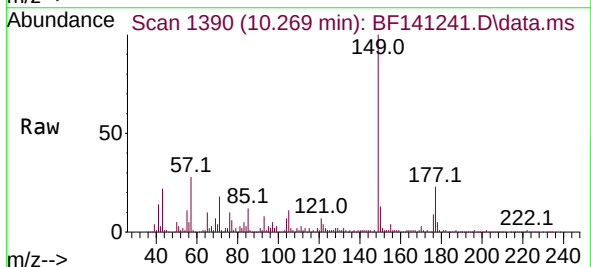
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

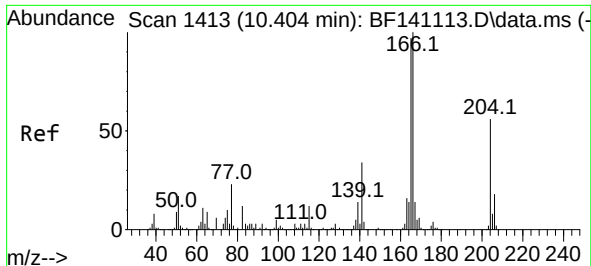
Tgt Ion:232 Resp: 151557
Ion Ratio Lower Upper
232 100
131 53.6 36.2 54.4
130 5.1 2.0 3.0#
166 30.1 24.2 36.4



#60
Diethylphthalate
Concen: 37.685 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:149 Resp: 645981
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 13.1 10.2 15.2

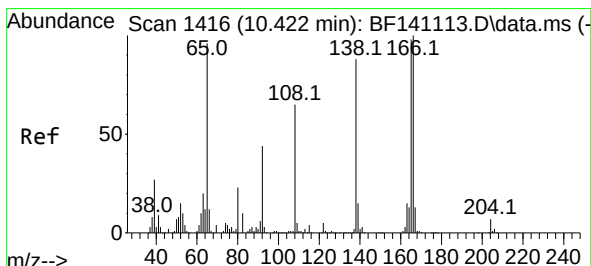
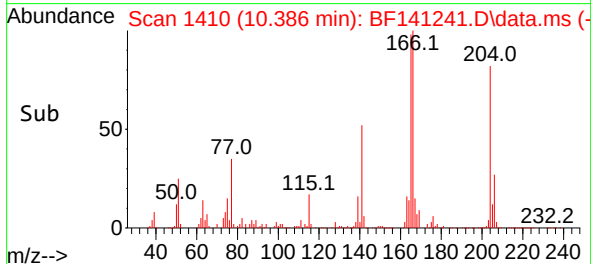
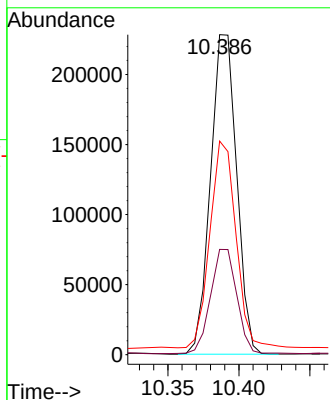
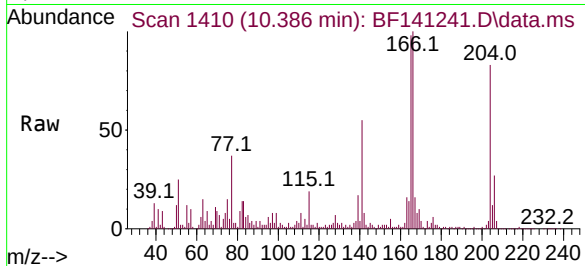




#61
4-Chlorophenyl-phenylether
Concen: 35.971 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

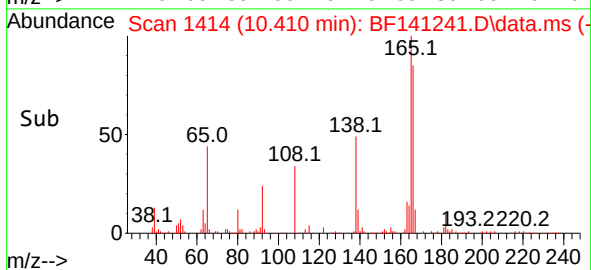
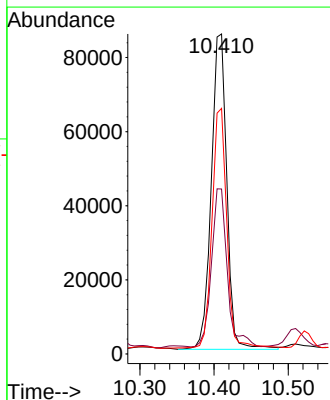
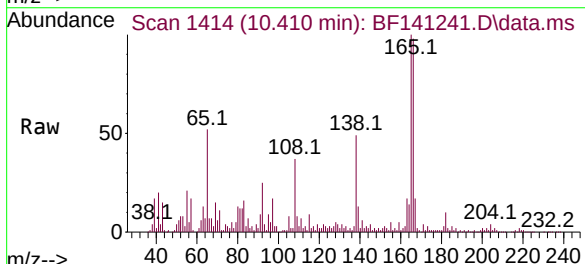
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

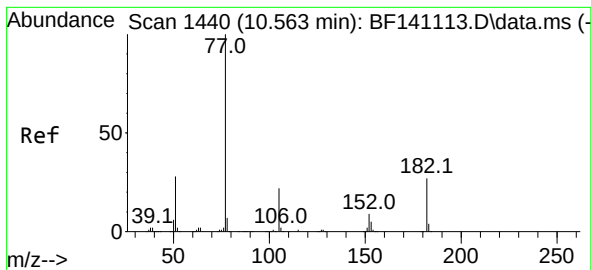
Tgt Ion:204 Resp: 292549
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 66.7 49.1 73.7



#62
4-Nitroaniline
Concen: 30.414 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:138 Resp: 123514
Ion Ratio Lower Upper
138 100
92 51.5 29.4 69.4
108 76.8 53.7 93.7





#63

Azobenzene

Concen: 42.466 ng

RT: 10.551 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

Tgt Ion: 77 Resp: 718267

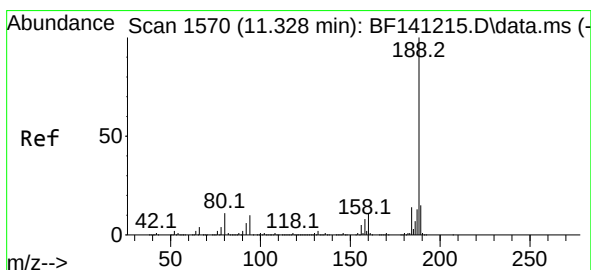
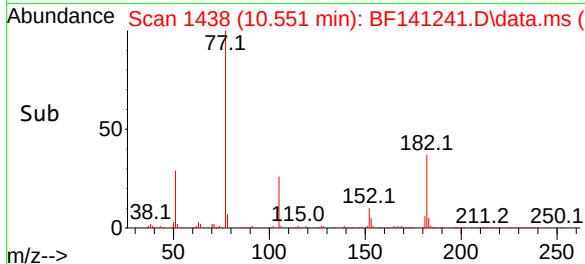
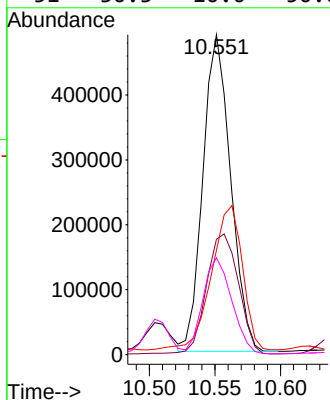
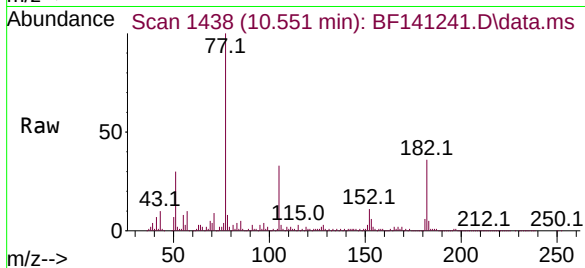
Ion Ratio Lower Upper

77 100

182 36.0 6.1 46.1

105 32.6 2.1 42.1

51 30.3 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

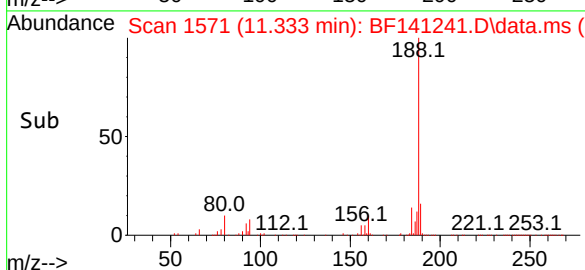
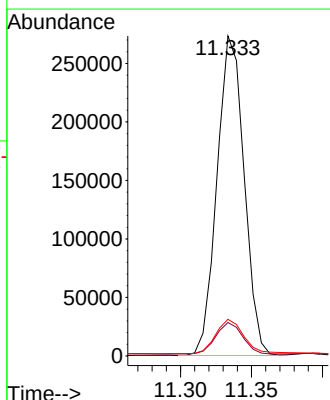
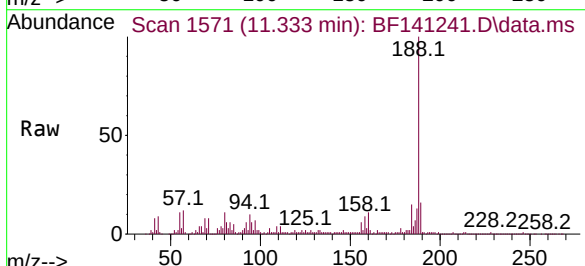
Tgt Ion: 188 Resp: 361999

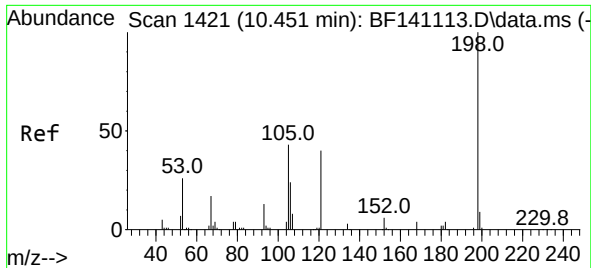
Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 11.4 9.0 13.4

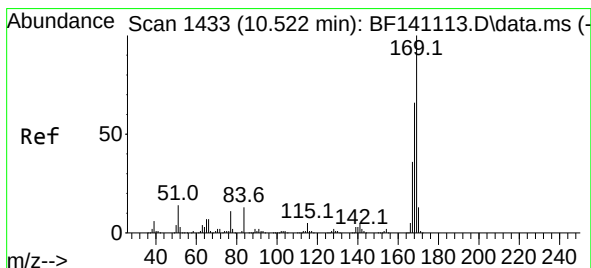
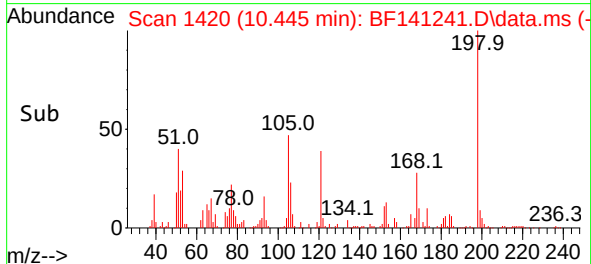
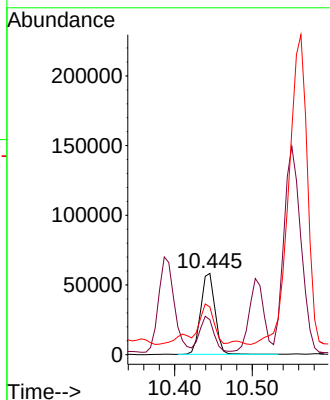
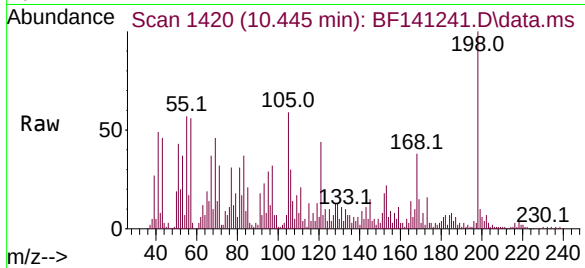




#65
4,6-Dinitro-2-methylphenol
Concen: 35.541 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

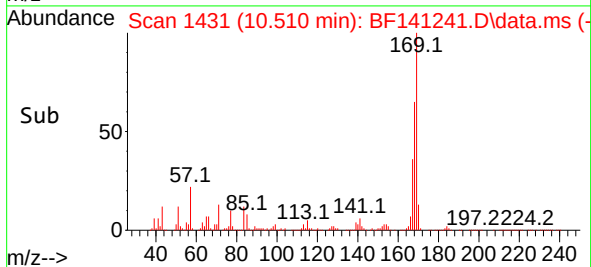
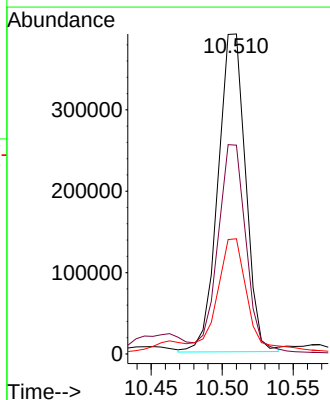
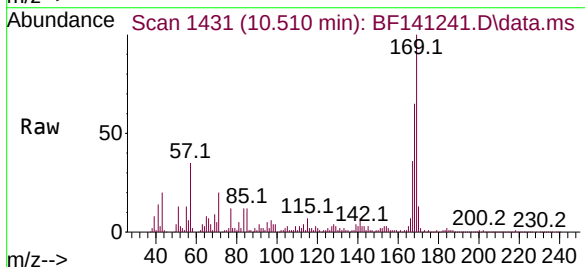
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

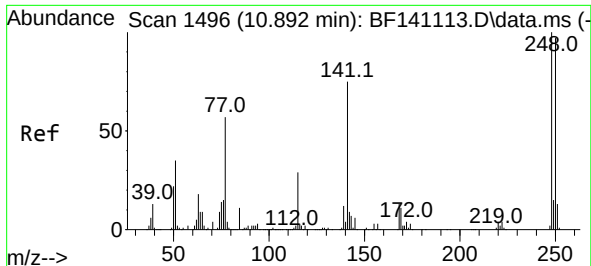
Tgt Ion:198 Resp: 74554
Ion Ratio Lower Upper
198 100
51 42.9 27.1 67.1
105 58.7 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 45.165 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:169 Resp: 527354
Ion Ratio Lower Upper
169 100
168 65.3 52.5 78.7
167 36.0 28.9 43.3

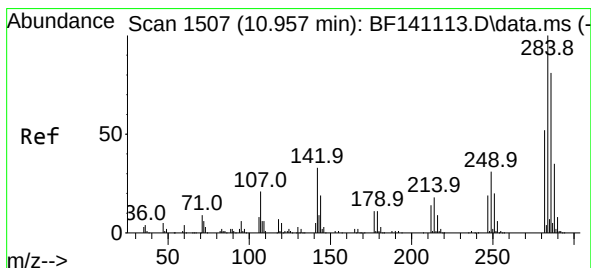
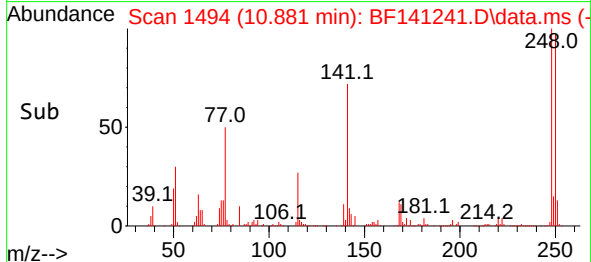
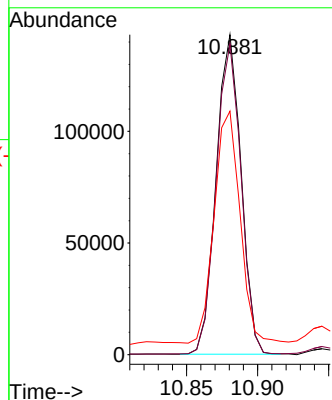
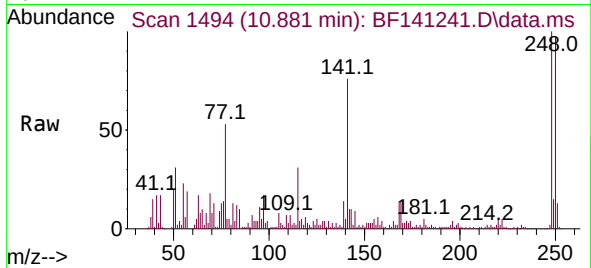




#67
4-Bromophenyl-phenylether
Concen: 41.876 ng
RT: 10.881 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

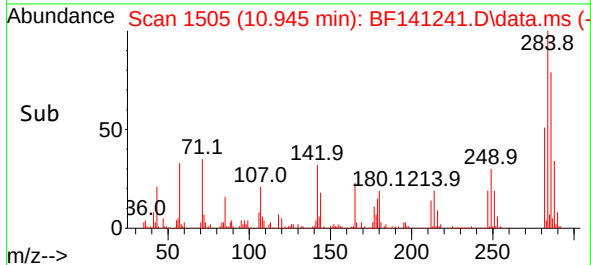
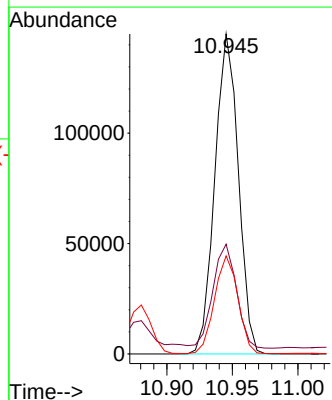
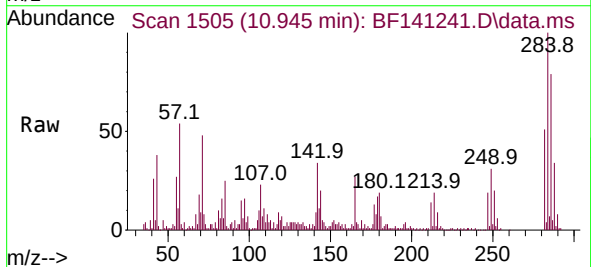
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

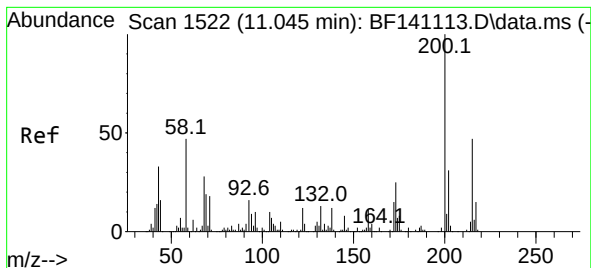
Tgt Ion:248 Resp: 174525
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 76.1 59.9 89.9



#68
Hexachlorobenzene
Concen: 38.806 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:284 Resp: 180038
Ion Ratio Lower Upper
284 100
142 34.3 26.3 39.5
249 30.6 24.9 37.3





#69

Atrazine

Concen: 54.576 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

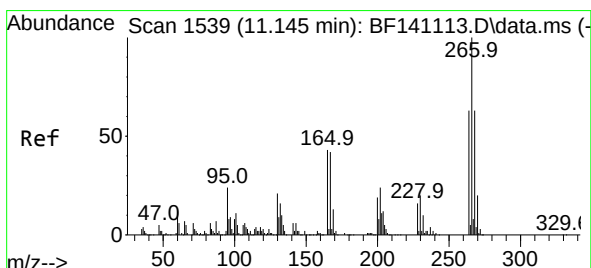
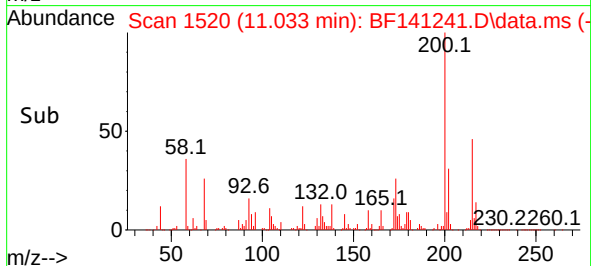
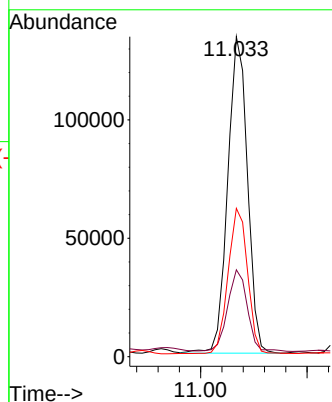
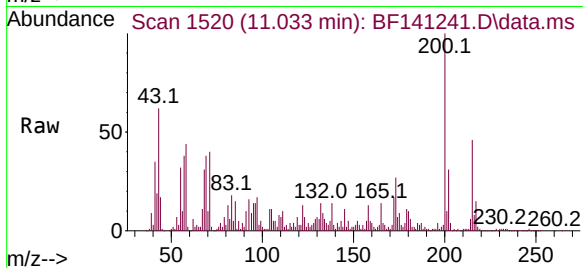
Tgt Ion:200 Resp: 171580

Ion Ratio Lower Upper

200 100

173 27.2 5.4 45.4

215 46.4 26.6 66.6



#70

Pentachlorophenol

Concen: 73.736 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

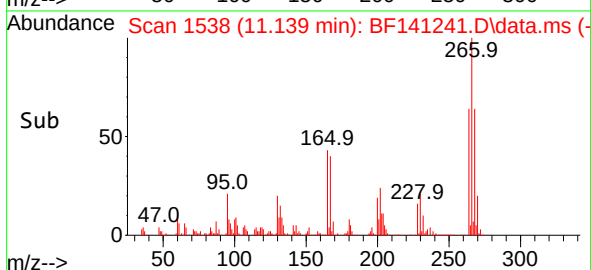
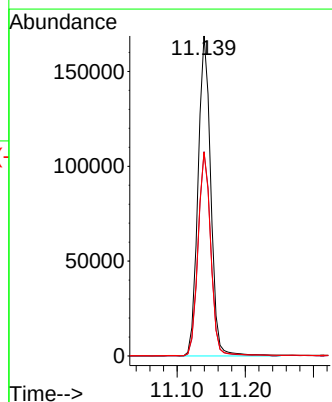
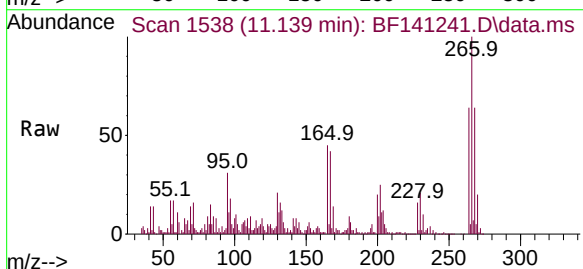
Tgt Ion:266 Resp: 219078

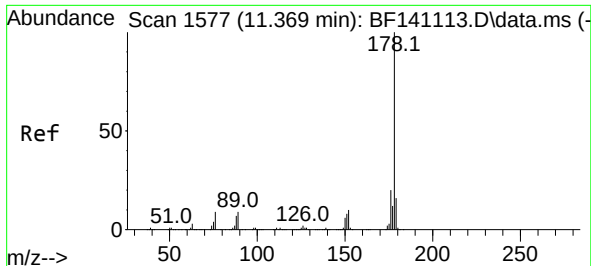
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.7 50.2 75.2

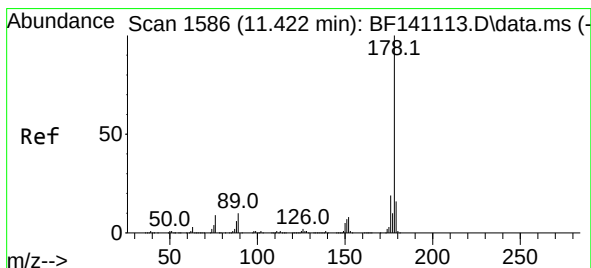
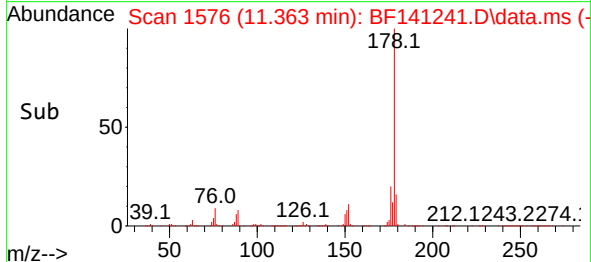
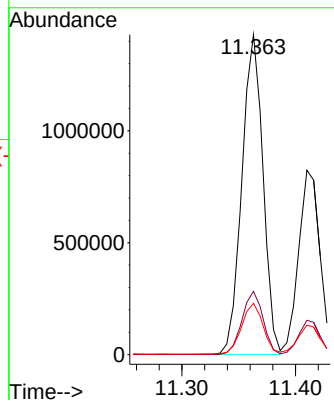
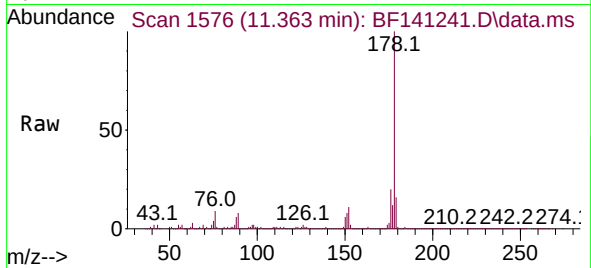




#71
Phenanthrene
Concen: 94.773 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

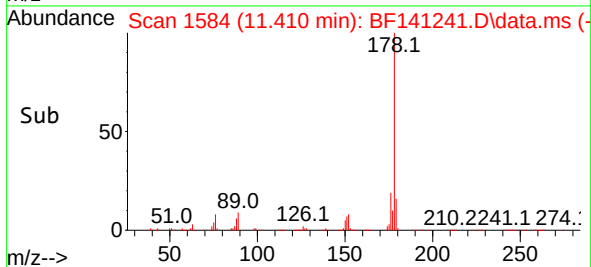
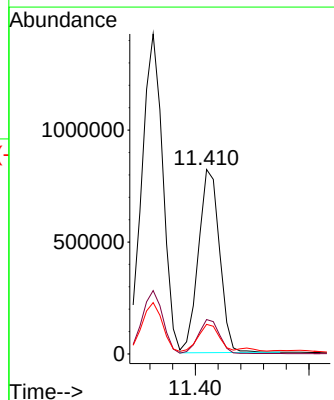
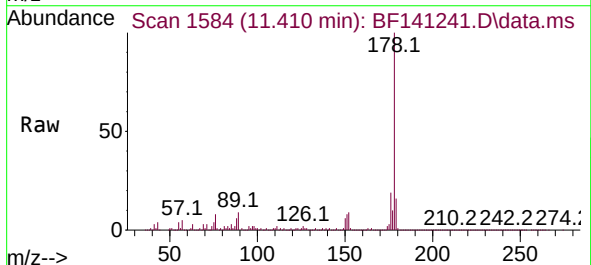
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

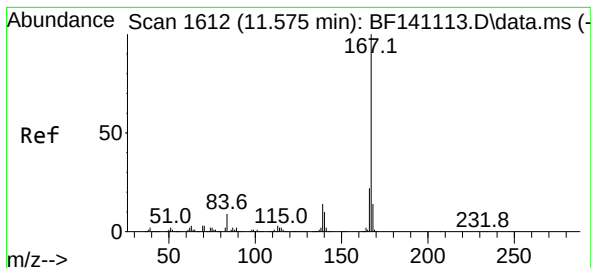
Tgt Ion:178 Resp: 1841868
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 16.0 12.6 19.0



#72
Anthracene
Concen: 56.021 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:178 Resp: 1058645
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 16.0 12.6 19.0





#73

Carbazole

Concen: 41.833 ng

RT: 11.563 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

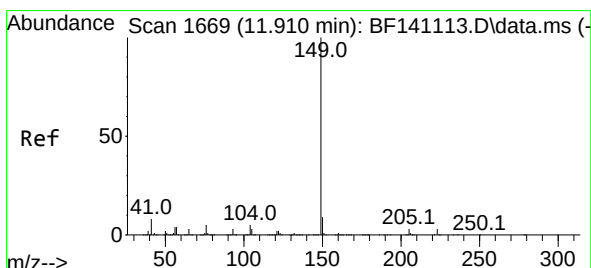
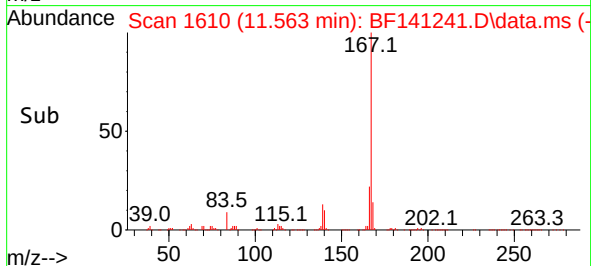
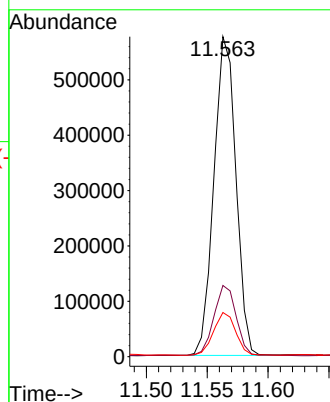
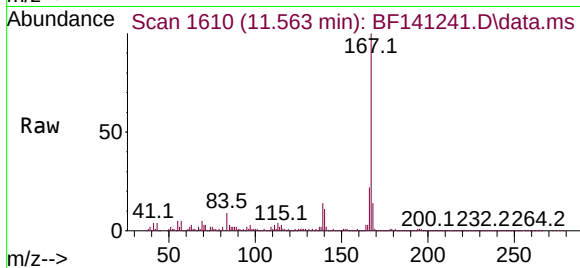
Tgt Ion:167 Resp: 724861

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

139 13.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 43.190 ng

RT: 11.898 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

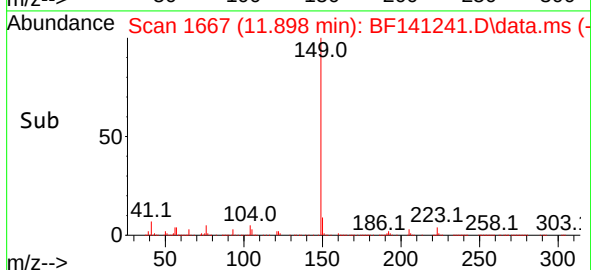
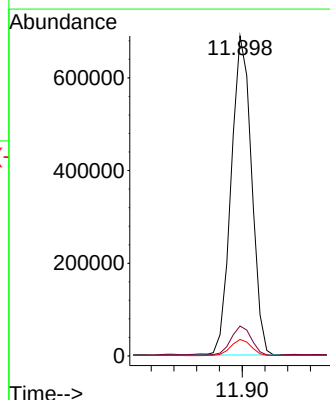
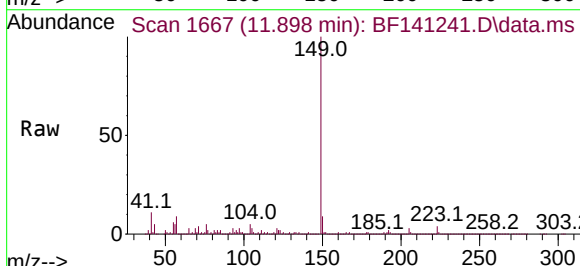
Tgt Ion:149 Resp: 856457

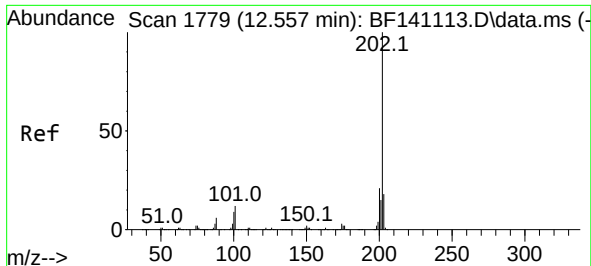
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.2 4.2 6.2

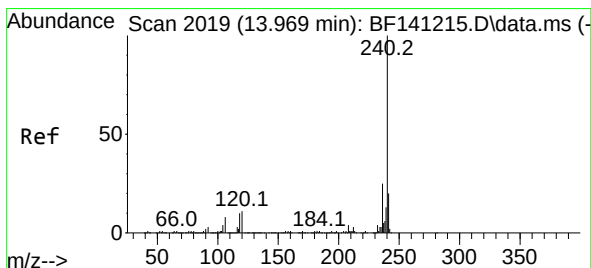
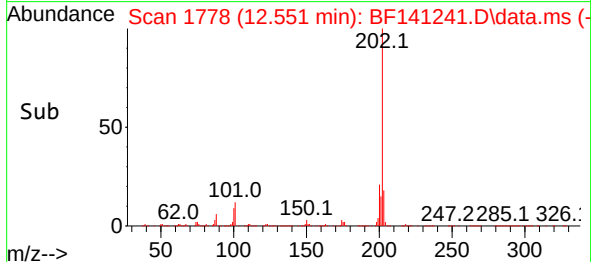
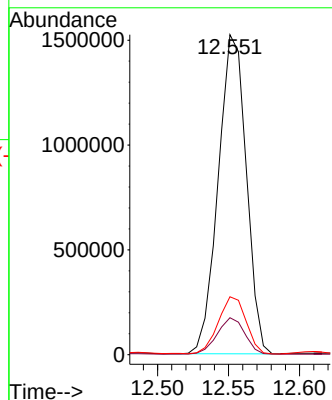
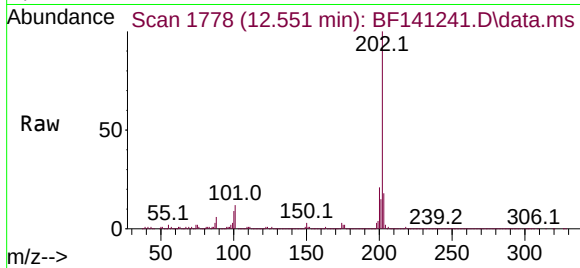




#75
Fluoranthene
Concen: 107.696 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

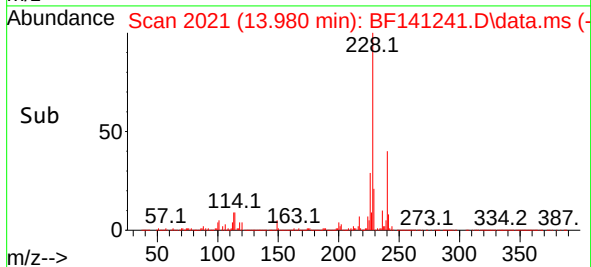
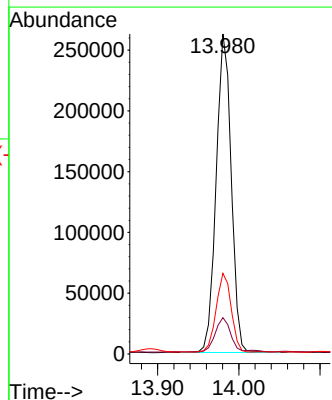
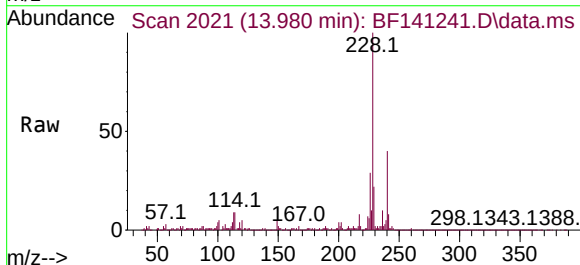
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

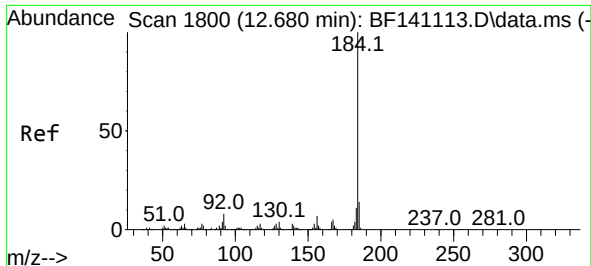
Tgt Ion:202 Resp: 2088632
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:240 Resp: 338274
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 25.2 19.8 29.6

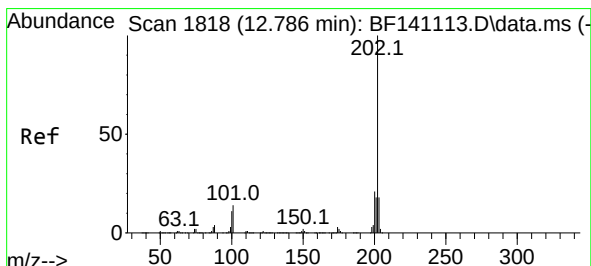
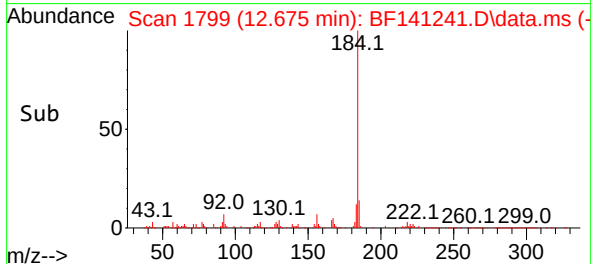
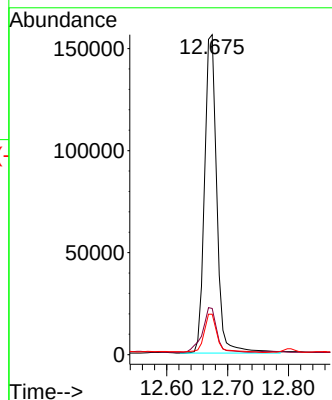
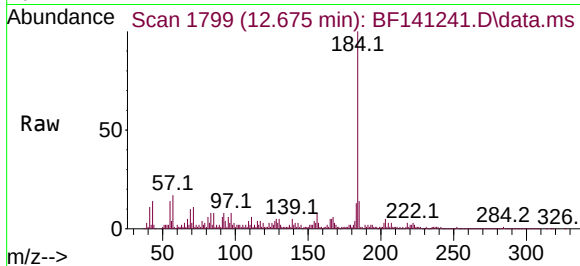




#77
Benzidine
Concen: 34.879 ng
RT: 12.675 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

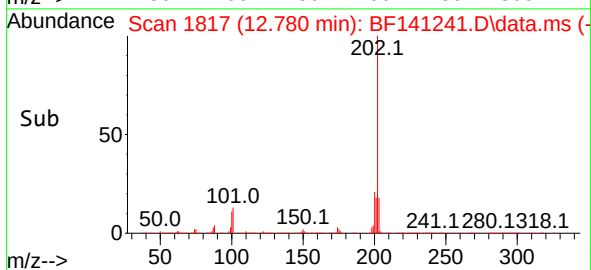
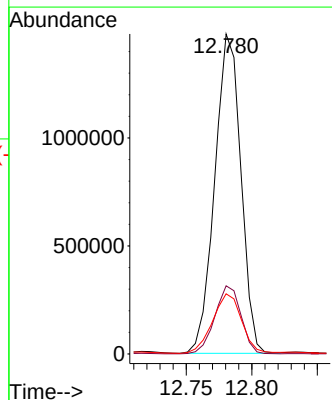
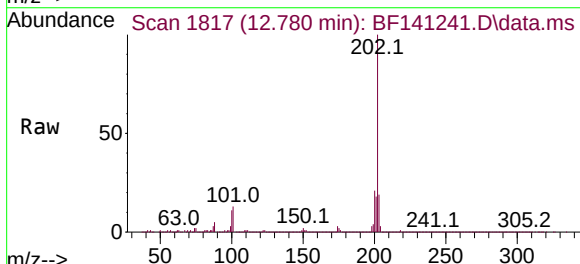
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

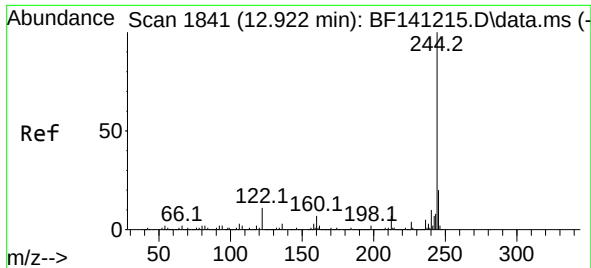
Tgt Ion:184 Resp: 218801
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.6 9.2 13.8



#78
Pyrene
Concen: 63.351 ng
RT: 12.780 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:202 Resp: 2046846
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 18.8 14.3 21.5

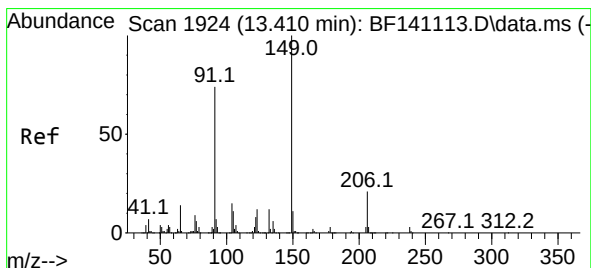
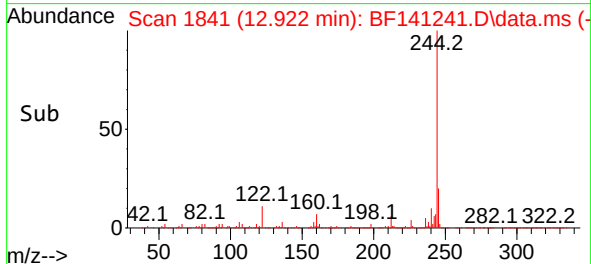
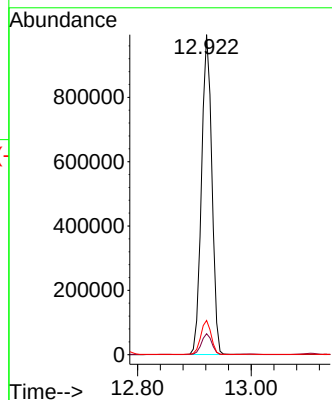
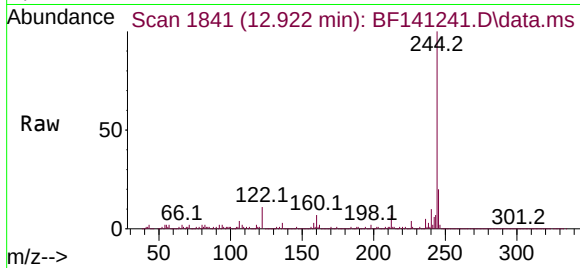




#79
 Terphenyl-d14
 Concen: 55.270 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141241.D
 Acq: 22 Jan 2025 17:58

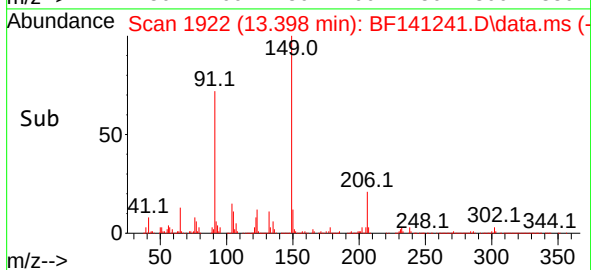
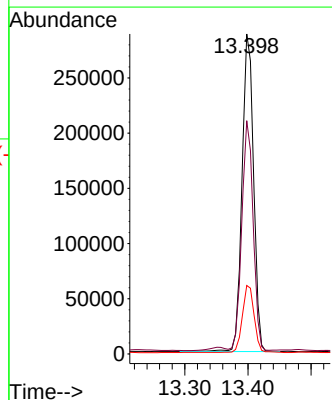
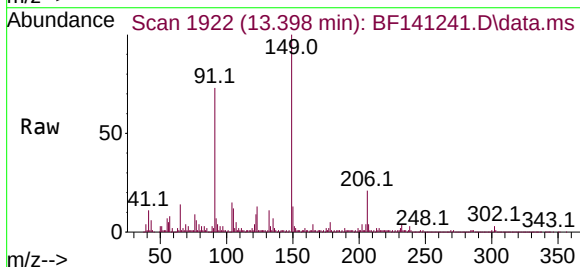
Instrument :
 BNA_F
 ClientSampleId :
 PL-1-012125MSD

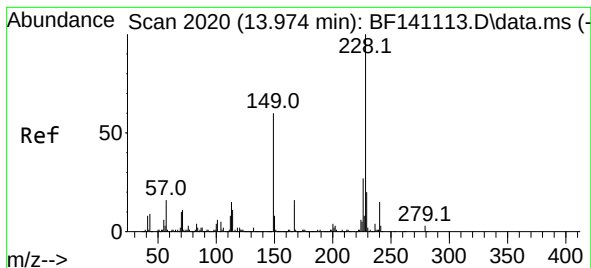
Tgt Ion:244 Resp: 1257906
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 33.937 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141241.D
 Acq: 22 Jan 2025 17:58

Tgt Ion:149 Resp: 365577
 Ion Ratio Lower Upper
 149 100
 91 72.9 59.0 88.6
 206 21.4 16.5 24.7





#81

Benzo(a)anthracene

Concen: 70.409 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

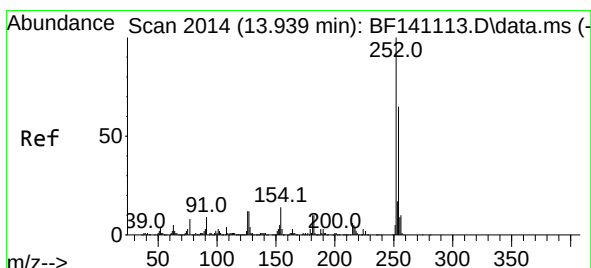
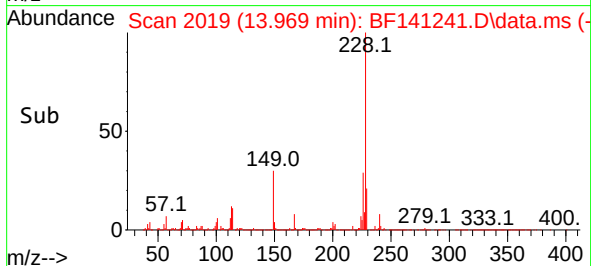
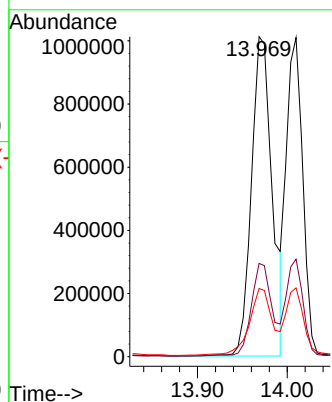
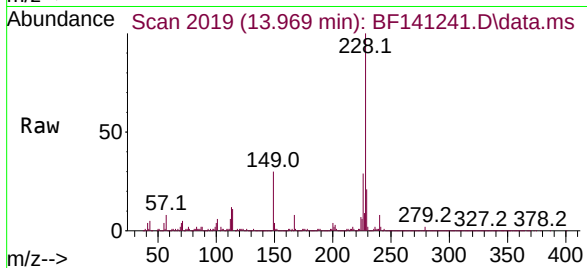
Tgt Ion:228 Resp: 1620928

Ion Ratio Lower Upper

228 100

226 29.2 21.7 32.5

229 21.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 21.115 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

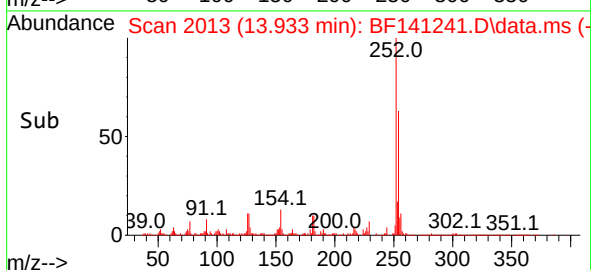
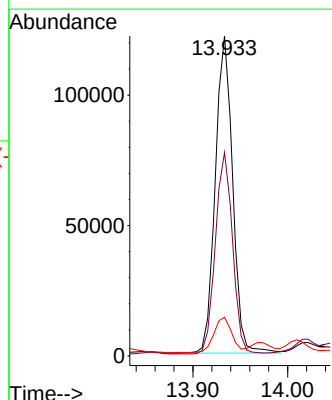
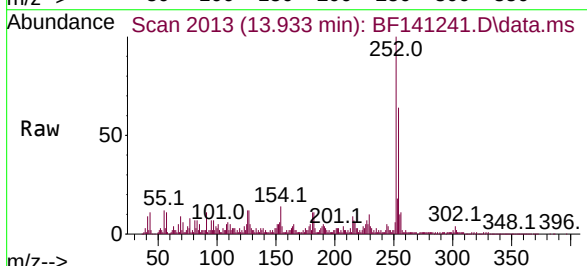
Tgt Ion:252 Resp: 154783

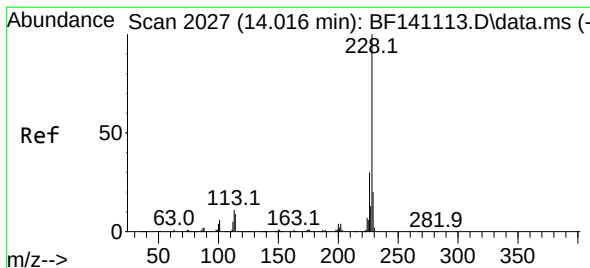
Ion Ratio Lower Upper

252 100

254 63.6 52.0 78.0

126 12.1 9.4 14.0





#83

Chrysene

Concen: 58.831 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

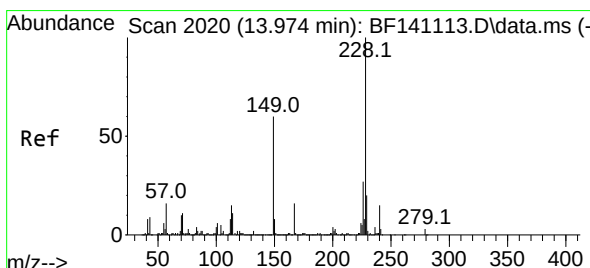
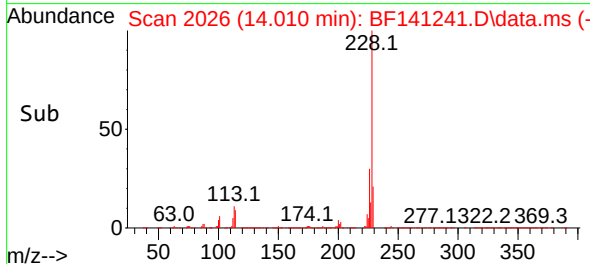
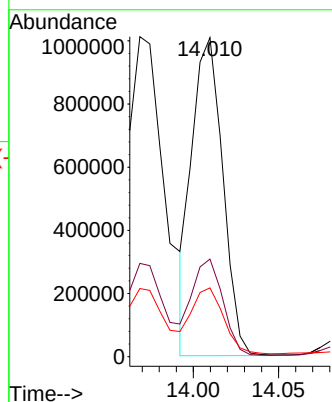
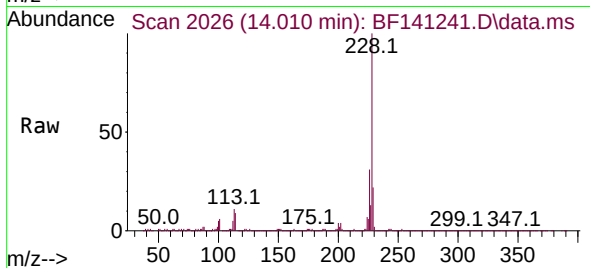
Tgt Ion:228 Resp: 1267288

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.8

229 21.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.825 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

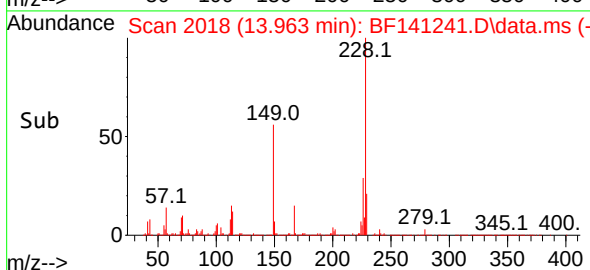
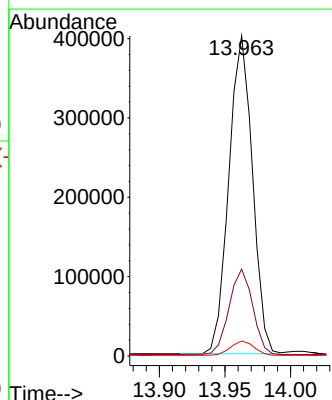
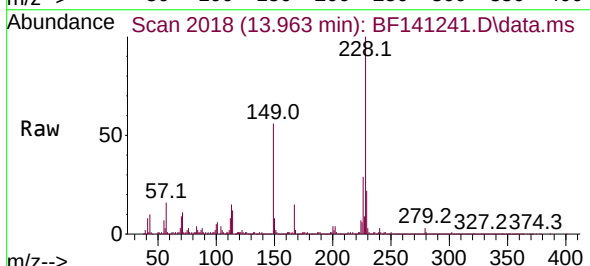
Tgt Ion:149 Resp: 501816

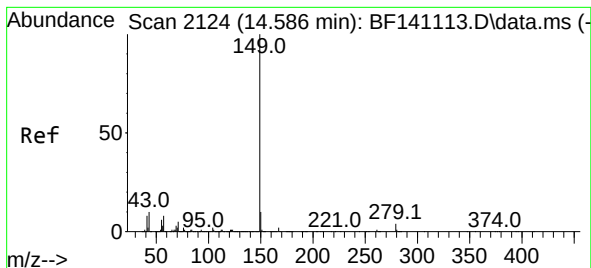
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 46.678 ng

RT: 14.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

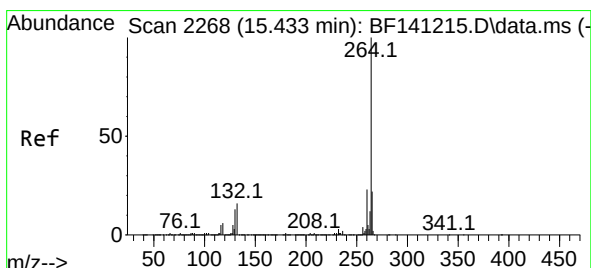
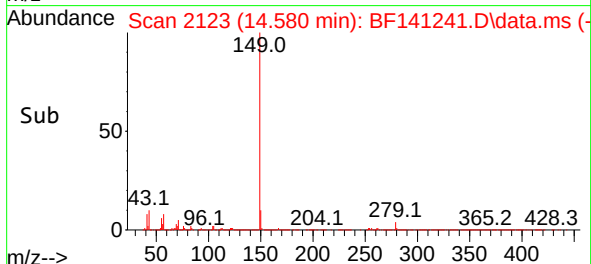
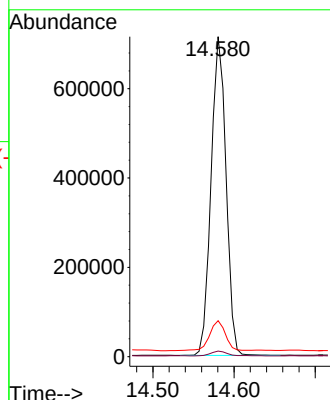
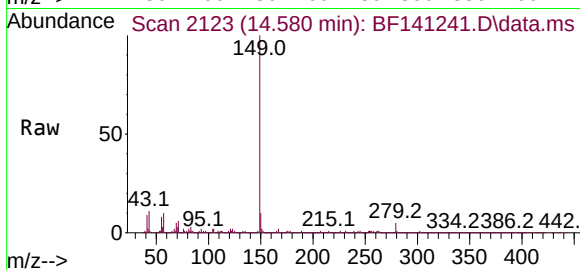
Tgt Ion:149 Resp: 911055

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.1 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

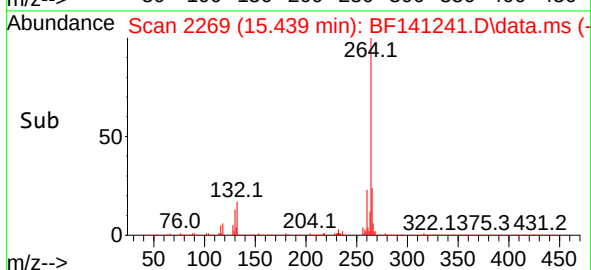
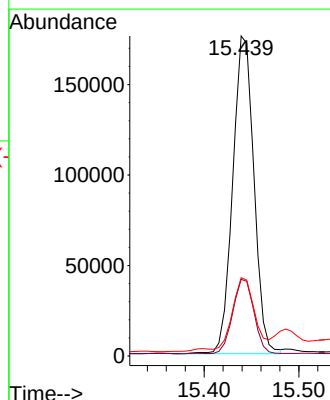
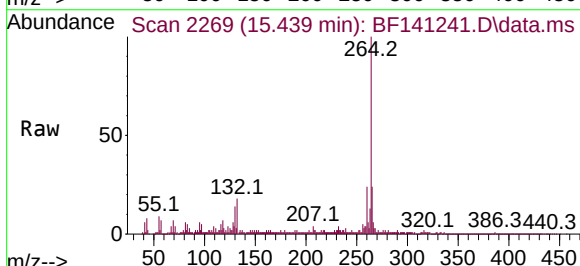
Tgt Ion:264 Resp: 272617

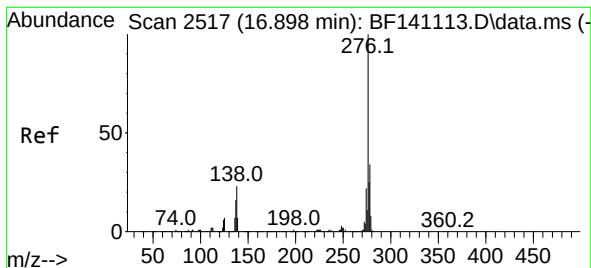
Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 24.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.510 ng

RT: 16.898 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MSD

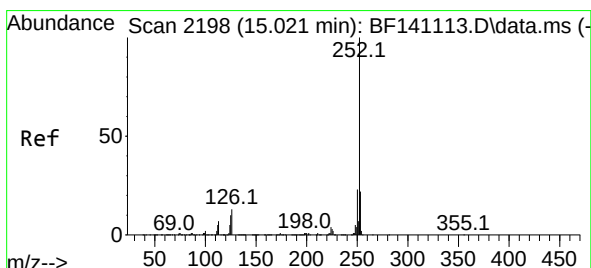
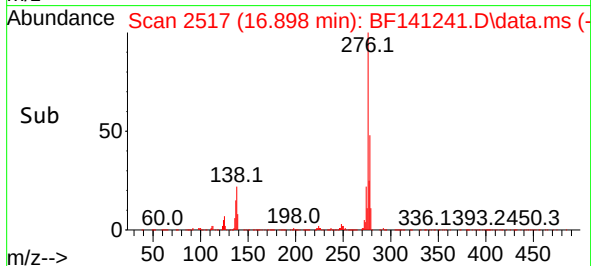
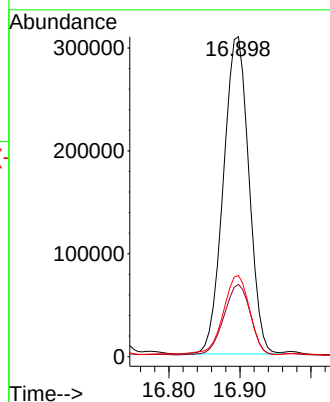
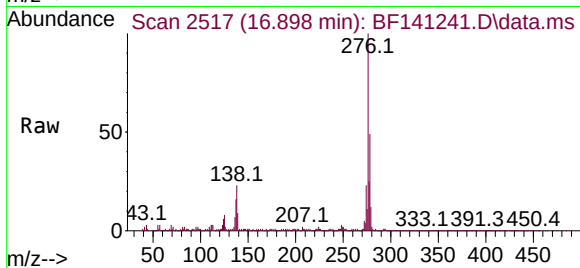
Tgt Ion:276 Resp: 769141

Ion Ratio Lower Upper

276 100

138 23.1 20.7 31.1

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 86.689 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141241.D

Acq: 22 Jan 2025 17:58

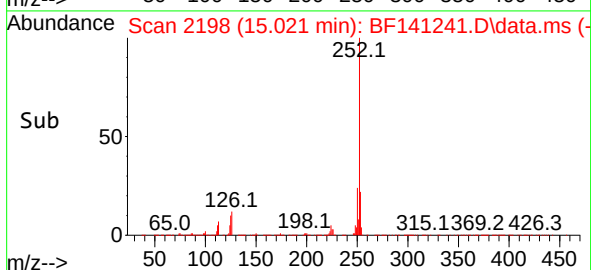
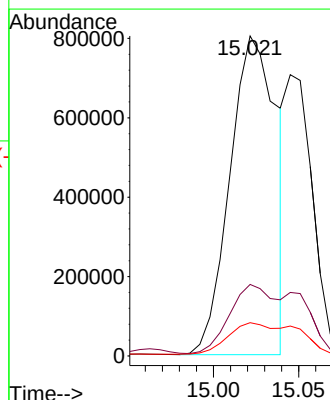
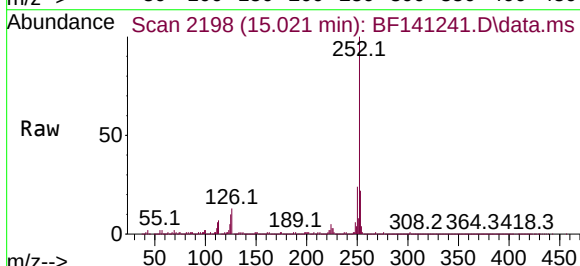
Tgt Ion:252 Resp: 1523930

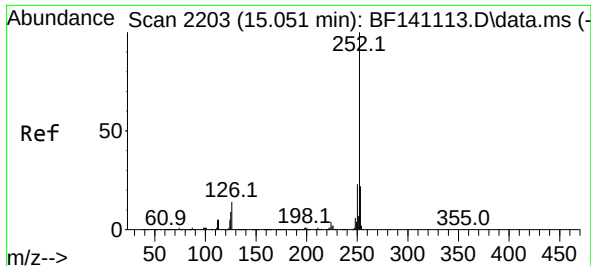
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.4 8.1 12.1

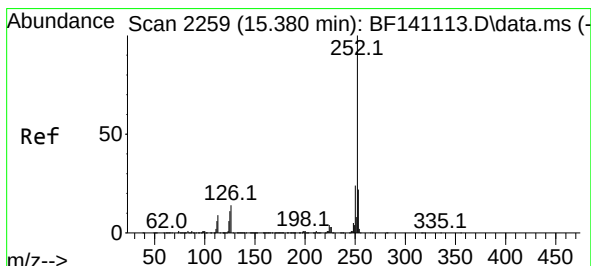
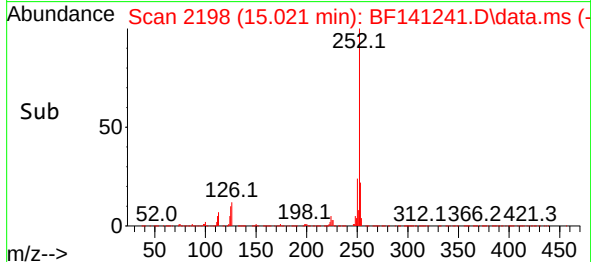
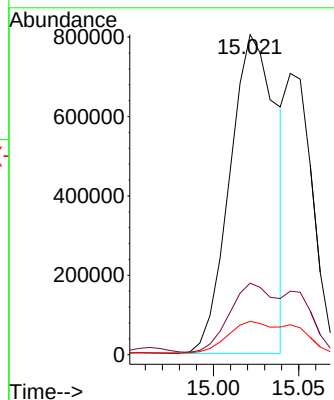
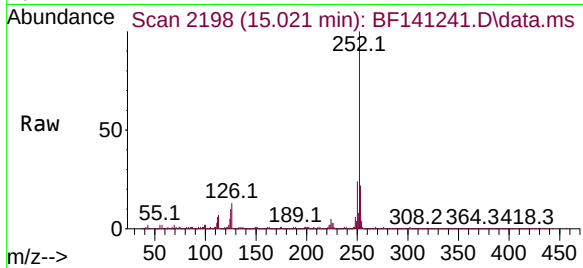




#89
Benzo(k)fluoranthene
Concen: 102.580 ng
RT: 15.021 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

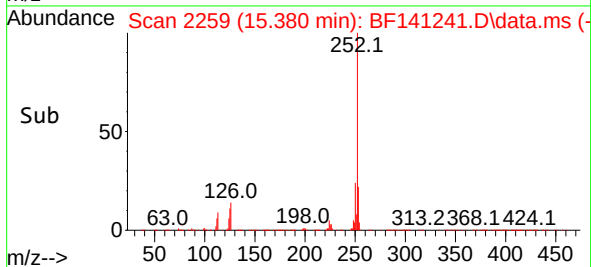
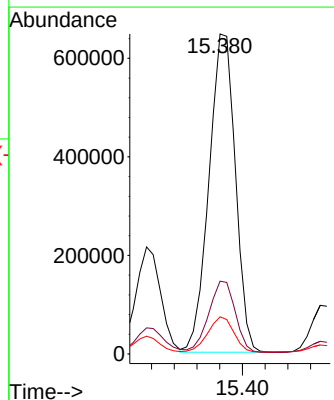
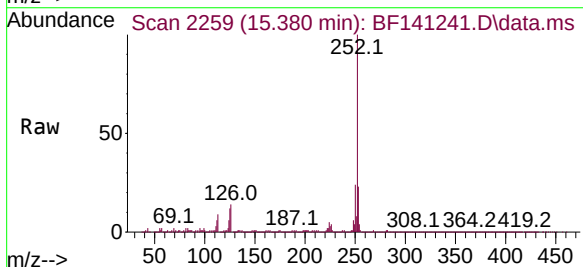
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

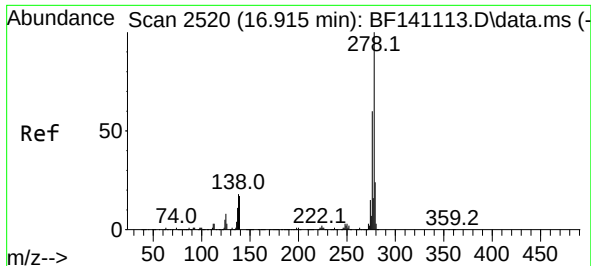
Tgt Ion:252 Resp: 1523930
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.4 7.9 11.9



#90
Benzo(a)pyrene
Concen: 71.919 ng
RT: 15.380 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:252 Resp: 1043103
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.6 9.1 13.7

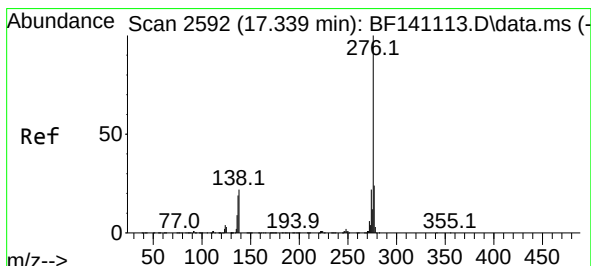
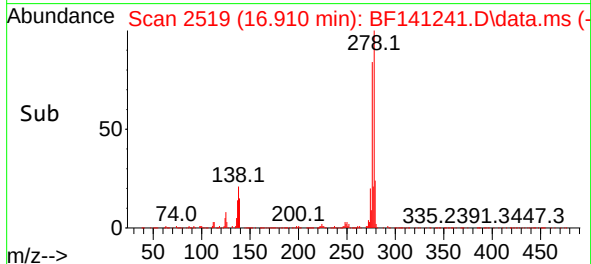
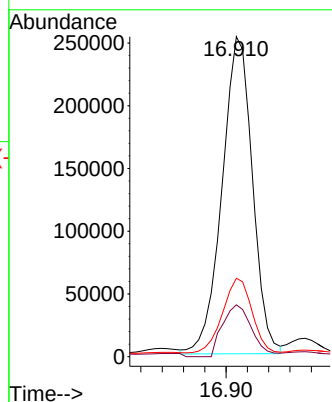
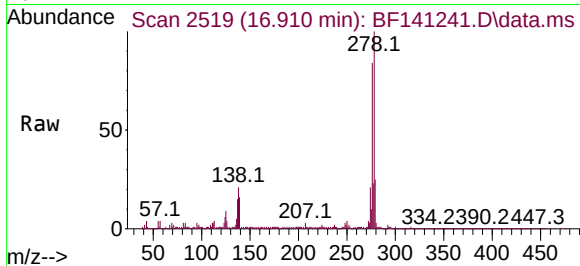




#91
Dibenzo(a,h)anthracene
Concen: 31.096 ng
RT: 16.910 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

Tgt Ion:278 Resp: 502321
Ion Ratio Lower Upper
278 100
139 16.2 13.8 20.6
279 24.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 36.610 ng
RT: 17.333 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BF141241.D
Acq: 22 Jan 2025 17:58

Tgt Ion:276 Resp: 615141
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 21.3 17.4 26.2

