

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142443.D
 Acq On : 19 May 2025 11:07
 Operator : RC/JU
 Sample : PB168017BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168017BS

Quant Time: May 19 11:58:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	152910	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	582180	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	309352	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	529488	20.000	ng	0.00
76) Chrysene-d12	14.068	240	280552	20.000	ng	0.00
86) Perylene-d12	15.557	264	310677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1059909	118.328	ng	0.02
7) Phenol-d6	6.528	99	1296365	117.670	ng	0.00
23) Nitrobenzene-d5	7.463	82	793752	83.151	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	421365	141.079	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1623844	74.847	ng	0.00
79) Terphenyl-d14	13.010	244	1496317	78.941	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	129259	32.045	ng	97
3) Pyridine	3.540	79	353034	37.278	ng	97
4) n-Nitrosodimethylamine	3.493	42	199674	36.277	ng	95
6) Aniline	6.563	93	481936	44.599	ng	98
8) 2-Chlorophenol	6.687	128	408481	42.675	ng	97
9) Benzaldehyde	6.451	77	235221	36.480	ng	99
10) Phenol	6.545	94	496275	42.496	ng	93
11) bis(2-Chloroethyl)ether	6.640	93	376108	32.659	ng	98
12) 1,3-Dichlorobenzene	6.845	146	432309	39.477	ng	98
13) 1,4-Dichlorobenzene	6.922	146	438518	39.883	ng	99
14) 1,2-Dichlorobenzene	7.075	146	424376	40.210	ng	99
15) Benzyl Alcohol	7.040	79	332978	46.676	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	613753	35.689	ng	98
17) 2-Methylphenol	7.151	107	319498	41.228	ng	99
18) Hexachloroethane	7.416	117	152014	41.553	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	266063	39.043	ng	96
20) 3+4-Methylphenols	7.304	107	391239	40.452	ng	# 90
22) Acetophenone	7.310	105	517048	39.943	ng	96
24) Nitrobenzene	7.487	77	397371	44.161	ng	96
25) Isophorone	7.722	82	727698	40.256	ng	100
26) 2-Nitrophenol	7.798	139	218629	50.203	ng	99
27) 2,4-Dimethylphenol	7.834	122	382880	42.128	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	453111	38.982	ng	100
29) 2,4-Dichlorophenol	8.039	162	341291	44.170	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	362891	41.732	ng	99
31) Naphthalene	8.210	128	1156707	40.995	ng	99
32) Benzoic acid	7.951	122	255683	51.363	ng	99
33) 4-Chloroaniline	8.251	127	190067m	16.508	ng	
34) Hexachlorobutadiene	8.322	225	221193	42.957	ng	99
35) Caprolactam	8.622	113	105100m	46.671	ng	
36) 4-Chloro-3-methylphenol	8.734	107	344601	42.903	ng	99
37) 2-Methylnaphthalene	8.898	142	713490	40.695	ng	98
38) 1-Methylnaphthalene	8.998	142	743095	40.664	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	361173	41.803	ng	99
41) Hexachlorocyclopentadiene	9.051	237	497074	93.091	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	251107	46.077	ng	99

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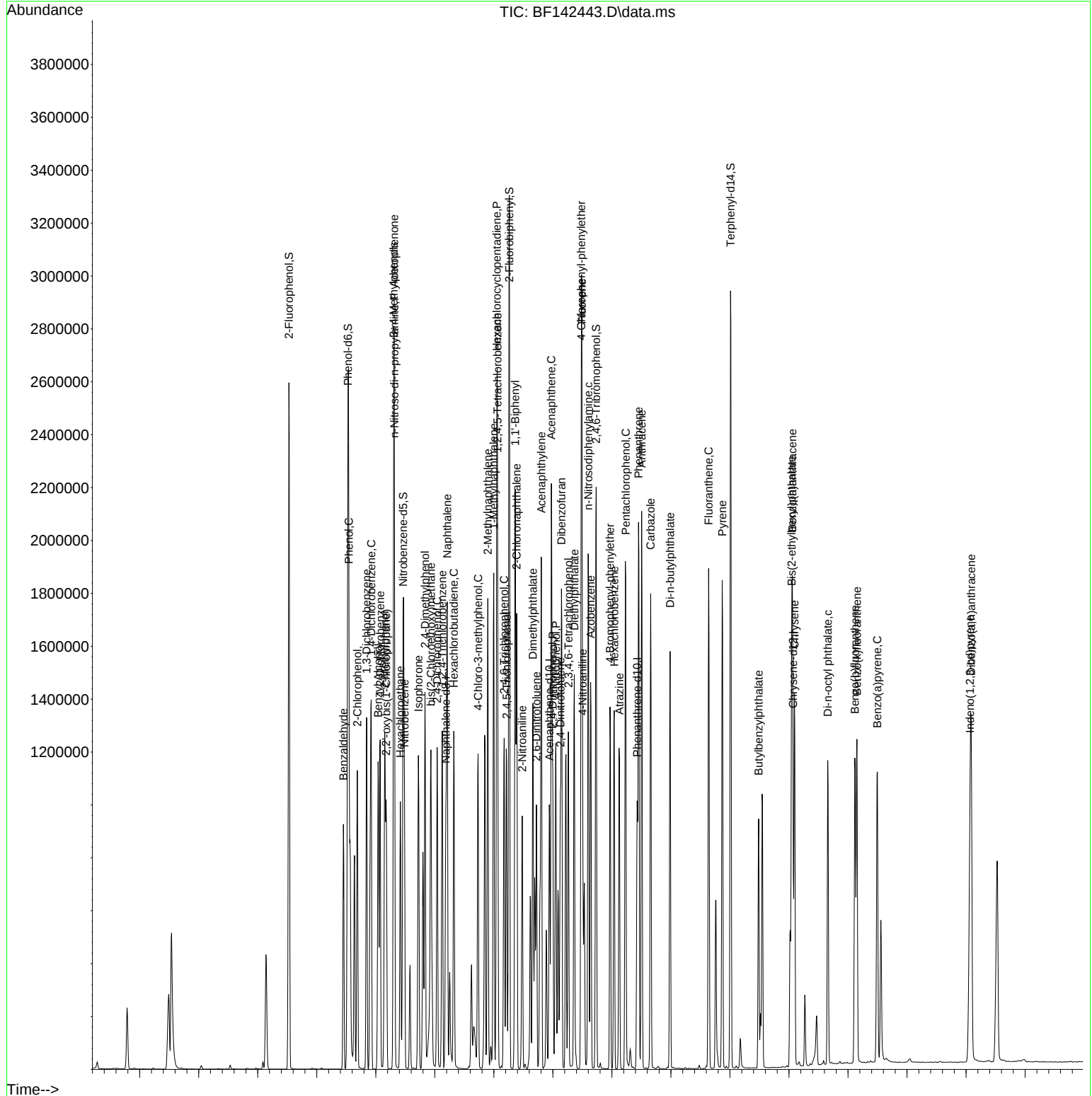
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	260483	44.922	ng	98
46) 1,1'-Biphenyl	9.363	154	974791	41.097	ng	99
47) 2-Chloronaphthalene	9.386	162	719820	40.807	ng	99
48) 2-Nitroaniline	9.481	65	218634	48.356	ng	93
49) Acenaphthylene	9.804	152	1210762	41.031	ng	100
50) Dimethylphthalate	9.663	163	831437	41.856	ng	100
51) 2,6-Dinitrotoluene	9.722	165	186265	50.095	ng	90
52) Acenaphthene	9.975	154	820225	46.228	ng	99
53) 3-Nitroaniline	9.892	138	129619	29.724	ng	91
54) 2,4-Dinitrophenol	9.998	184	220391	110.107	ng	# 1
55) Dibenzofuran	10.145	168	1061748	40.547	ng	99
56) 4-Nitrophenol	10.051	139	320793	97.742	ng	97
57) 2,4-Dinitrotoluene	10.128	165	251924	52.820	ng	94
58) Fluorene	10.492	166	806873	40.377	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	223624	46.717	ng	98
60) Diethylphthalate	10.363	149	805984	40.629	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	393737	40.839	ng	98
62) 4-Nitroaniline	10.504	138	190965	55.252	ng	99
63) Azobenzene	10.639	77	731672	38.597	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	136625	54.253	ng	94
66) n-Nitrosodiphenylamine	10.598	169	714867	40.573	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	249947	41.652	ng	100
68) Hexachlorobenzene	11.039	284	282994	42.873	ng	95
69) Atrazine	11.127	200	213084	45.879	ng	99
70) Pentachlorophenol	11.233	266	342643	98.673	ng	98
71) Phenanthrene	11.451	178	1145863	41.286	ng	99
72) Anthracene	11.504	178	1165588	40.872	ng	99
73) Carbazole	11.657	167	1048242	40.971	ng	100
74) Di-n-butylphthalate	11.986	149	1133741	42.141	ng	99
75) Fluoranthene	12.639	202	1122434	40.457	ng	99
77) Benzidine	12.763	184	387170	75.939	ng	98
78) Pyrene	12.869	202	1100072	44.052	ng	99
80) Butylbenzylphthalate	13.486	149	313200	43.360	ng	98
81) Benzo(a)anthracene	14.057	228	773645	42.581	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	160108	37.894	ng	99
83) Chrysene	14.092	228	705990	41.740	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	423356	44.908	ng	100
85) Di-n-octyl phthalate	14.657	149	798349	46.876	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	948414	43.884	ng	98
88) Benzo(b)fluoranthene	15.115	252	763845	40.595	ng	99
89) Benzo(k)fluoranthene	15.151	252	705375	40.964	ng	99
90) Benzo(a)pyrene	15.498	252	730625	43.331	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	766863	42.951	ng	98
92) Benzo(g,h,i)perylene	17.527	276	759540	42.862	ng	96

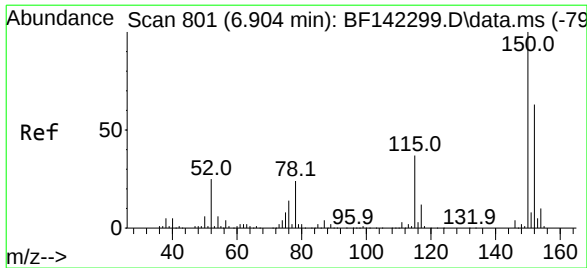
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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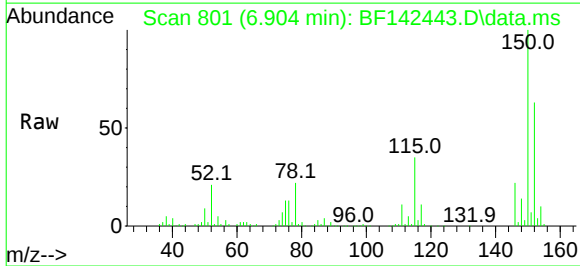
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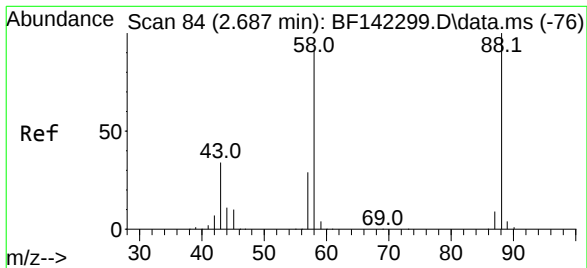
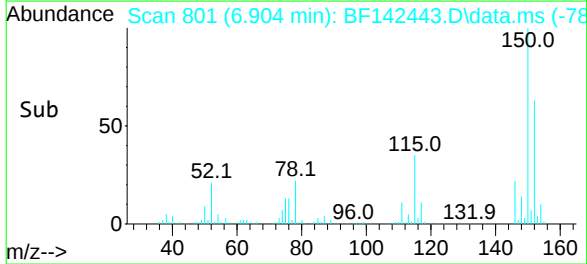
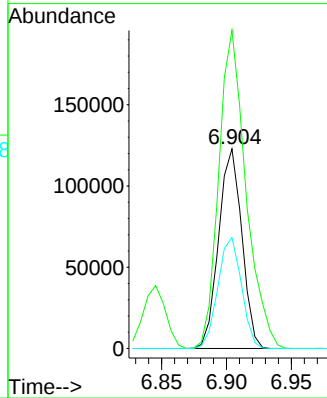


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Instrument :
BNA_F
ClientSampleId :
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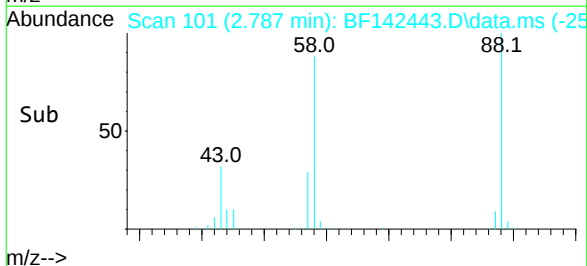
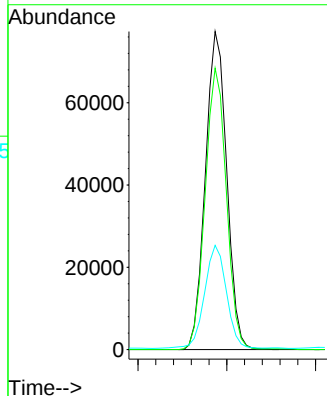
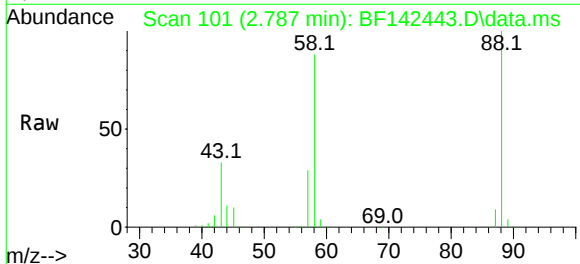


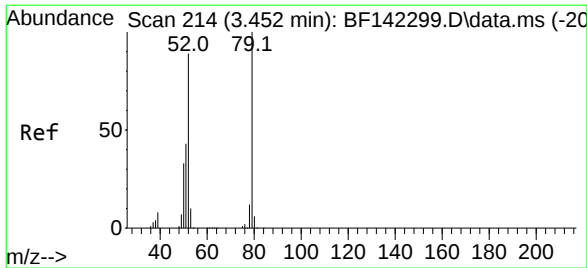
Tgt Ion:152 Resp: 152910
Ion Ratio Lower Upper
152 100
150 159.3 126.6 190.0
115 55.5 47.3 70.9



#2
1,4-Dioxane
Concen: 32.045 ng
RT: 2.787 min Scan# 101
Delta R.T. 0.100 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion: 88 Resp: 129259
Ion Ratio Lower Upper
88 100
58 87.7 73.0 109.4
43 33.1 27.8 41.6





#3

Pyridine

Concen: 37.278 ng

RT: 3.540 min Scan# 221

Delta R.T. 0.088 min

Lab File: BF142443.D

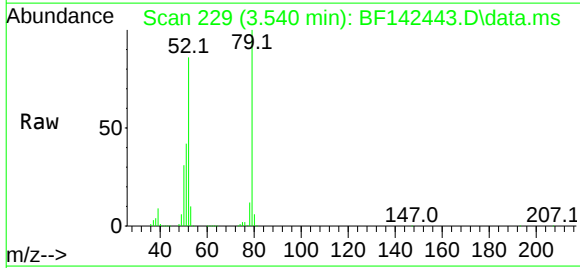
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Instrument :

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ClientSampleId :

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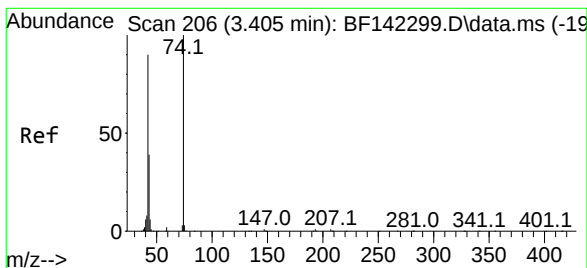
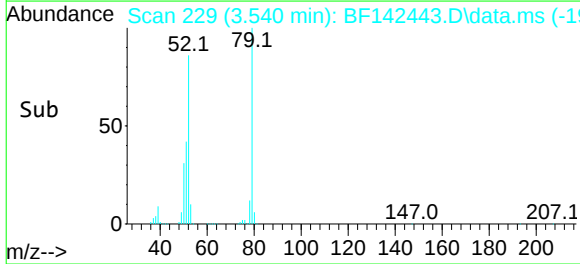
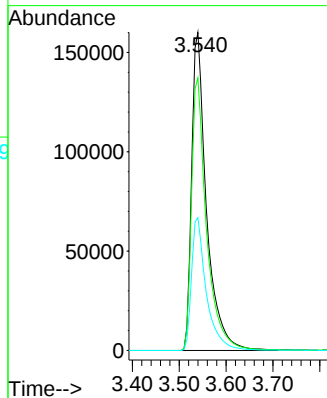
Tgt Ion: 79 Resp: 353034

Ion Ratio Lower Upper

79 100

52 85.7 71.0 106.4

51 41.7 34.9 52.3



#4

n-Nitrosodimethylamine

Concen: 36.277 ng

RT: 3.493 min Scan# 221

Delta R.T. 0.088 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

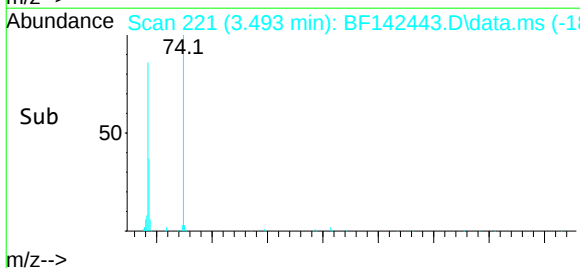
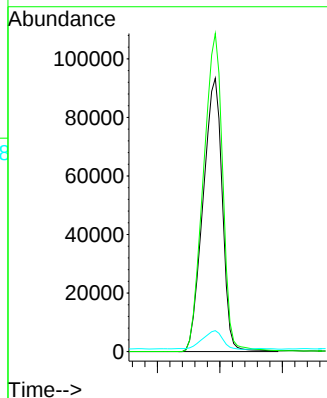
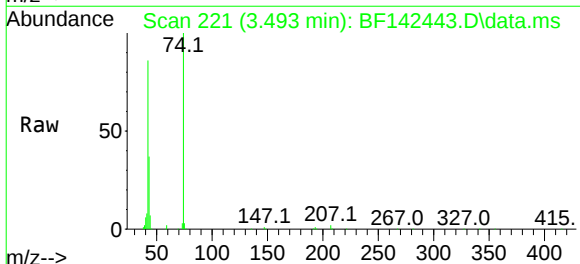
Tgt Ion: 42 Resp: 199674

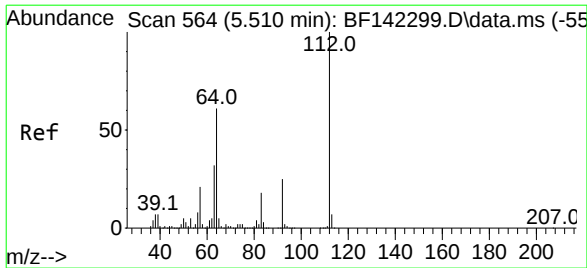
Ion Ratio Lower Upper

42 100

74 116.3 88.5 132.7

44 7.7 5.8 8.8

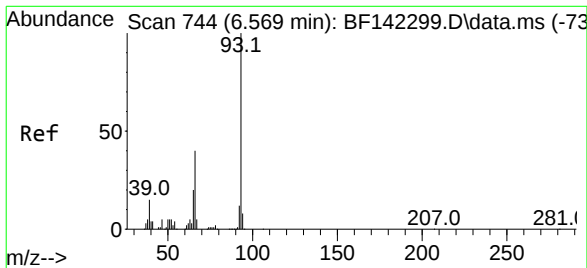
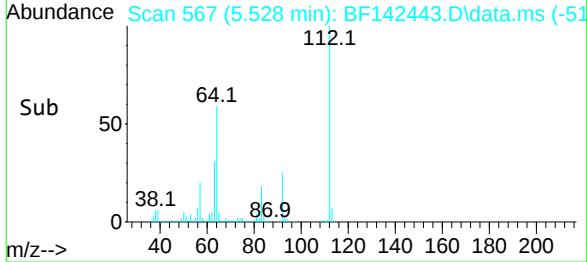
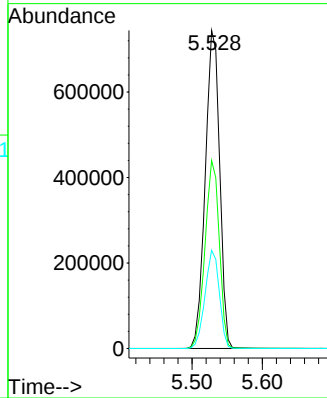
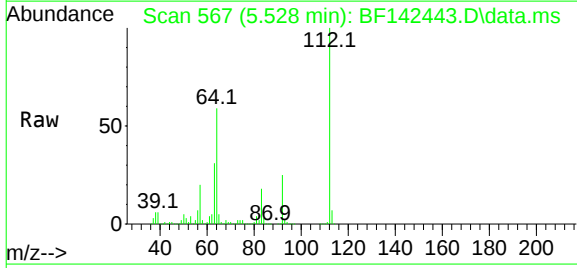




#5
2-Fluorophenol
Concen: 118.328 ng
RT: 5.528 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

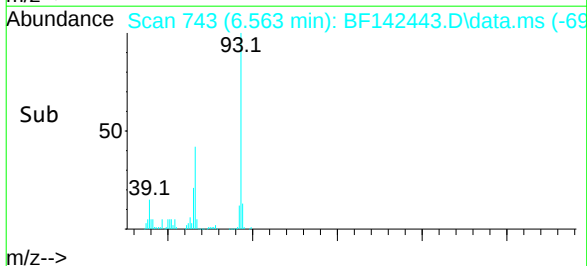
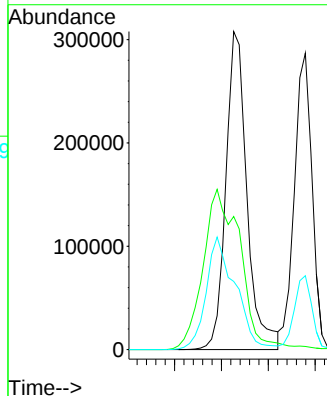
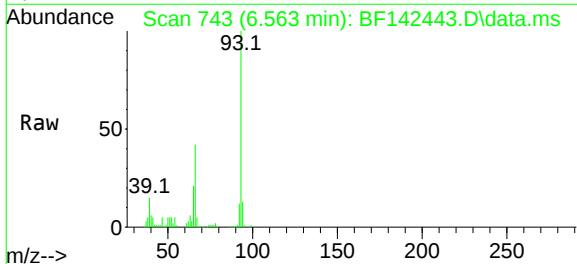
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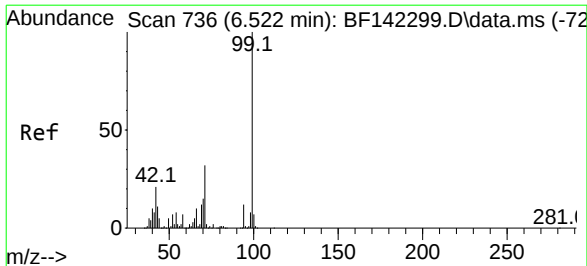
Tgt Ion:112 Resp: 1059909
Ion Ratio Lower Upper
112 100
64 59.1 48.9 73.3
63 30.9 25.6 38.4



#6
Aniline
Concen: 44.599 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion: 93 Resp: 481936
Ion Ratio Lower Upper
93 100
66 41.9 32.2 48.4
65 21.4 16.3 24.5

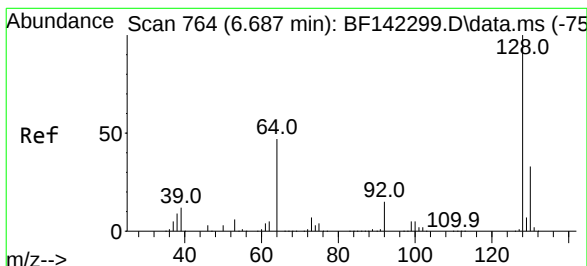
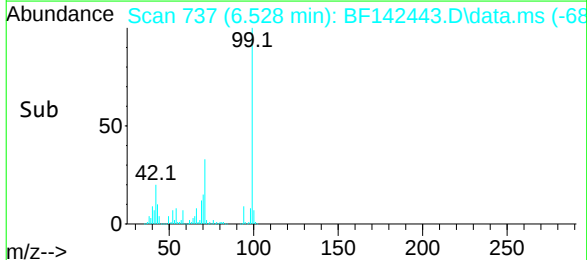
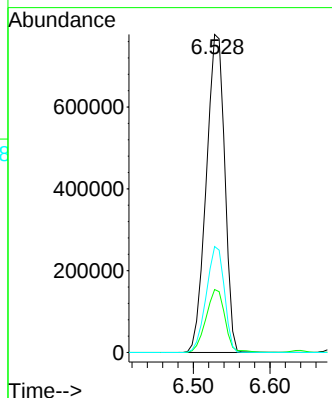
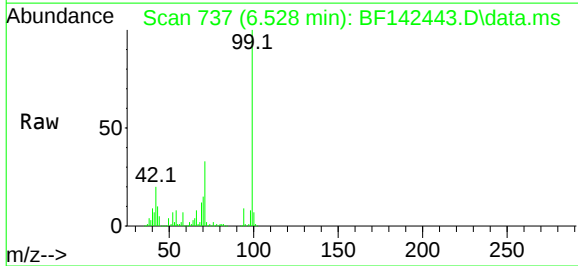




#7
Phenol-d6
Concen: 117.670 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

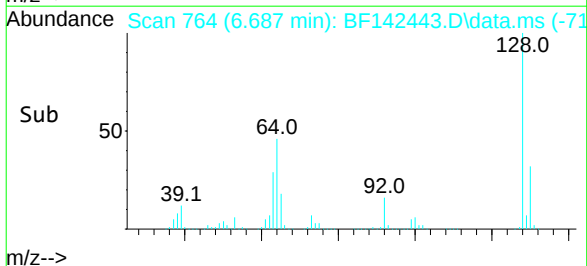
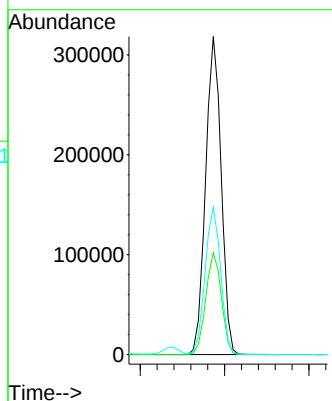
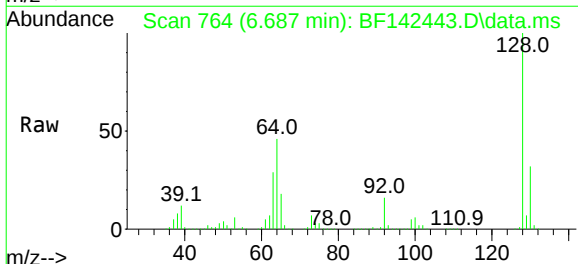
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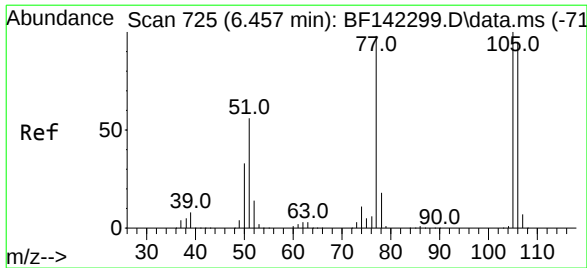
Tgt Ion: 99 Resp: 1296365
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.4
71 33.3 25.8 38.8



#8
2-Chlorophenol
Concen: 42.675 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion: 128 Resp: 408481
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 46.3 29.2 69.2

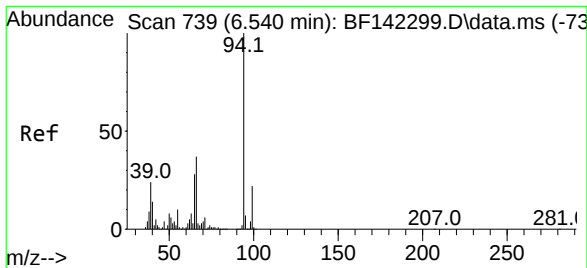
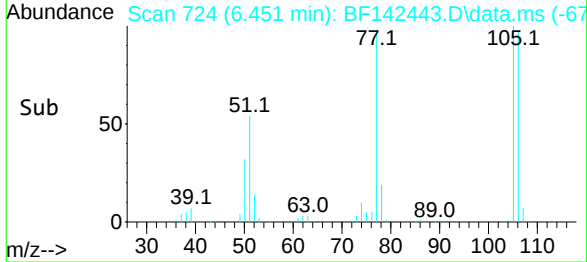
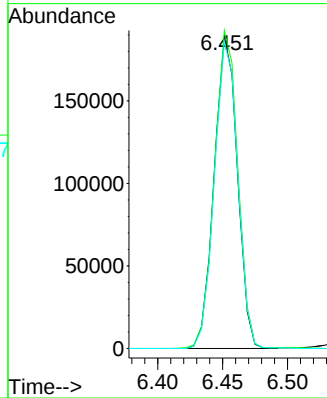
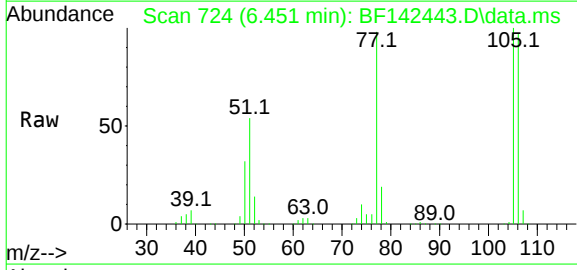




#9
Benzaldehyde
Concen: 36.480 ng
RT: 6.451 min Scan# 72
Delta R.T. -0.006 min
Lab File: BF142443.D
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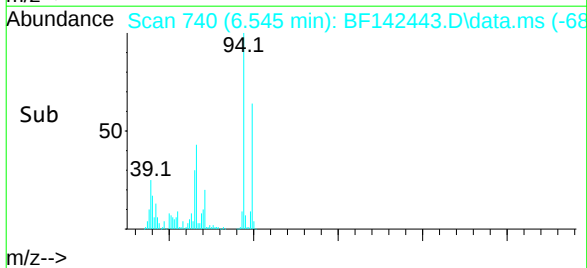
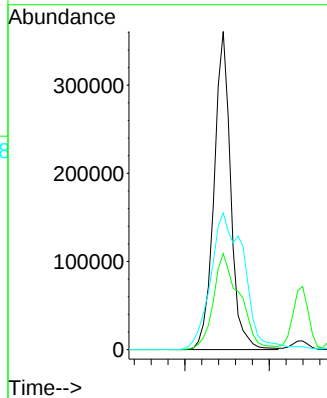
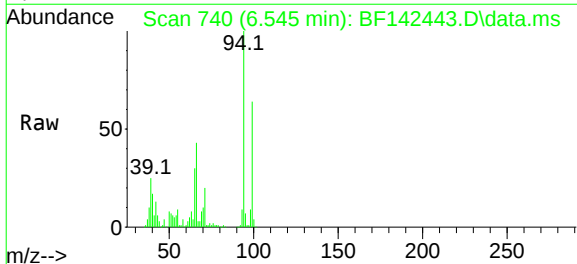
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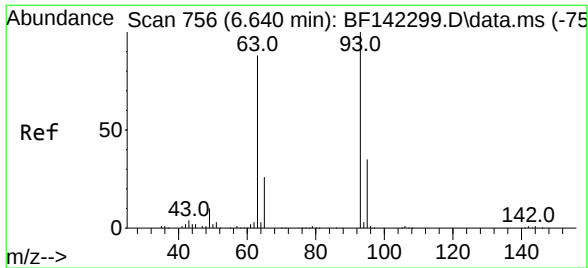
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Ion Ratio Lower Upper
77 100
105 101.9 82.0 122.0
106 98.4 77.2 117.2



#10
Phenol
Concen: 42.496 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion: 94 Resp: 496275
Ion Ratio Lower Upper
94 100
65 30.2 8.5 48.5
66 43.0 17.3 57.3

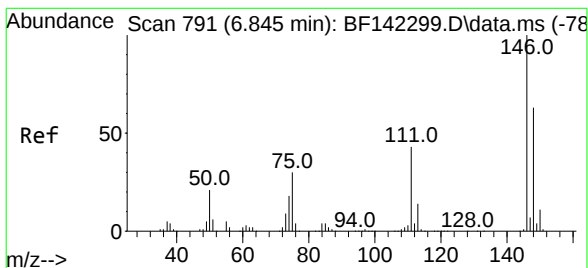
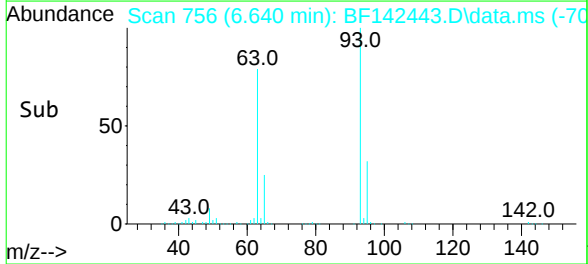
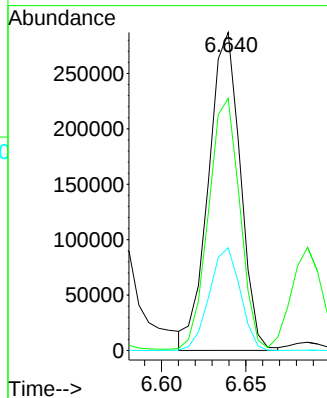
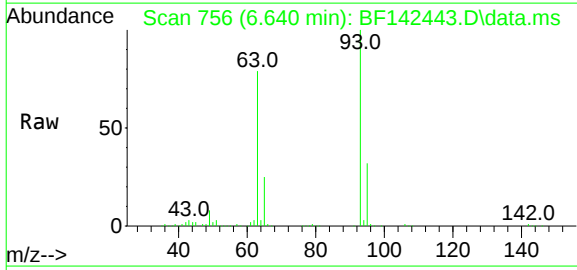




#11
 bis(2-Chloroethyl)ether
 Concen: 32.659 ng
 RT: 6.640 min Scan# 756
 Delta R.T. -0.000 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

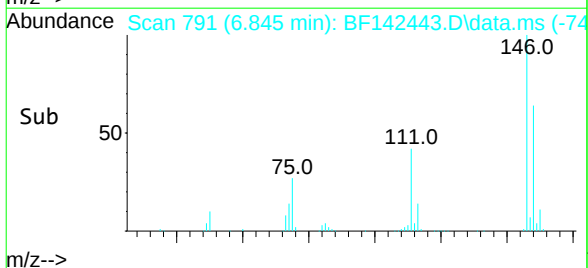
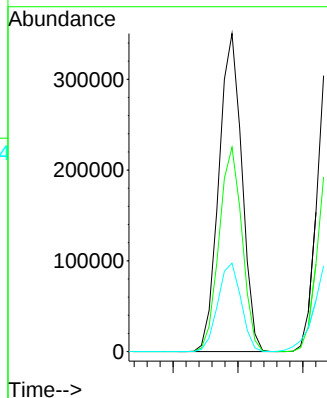
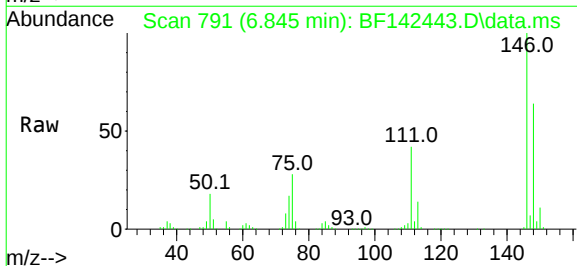
Instrument :
 BNA_F
 ClientSampleId :
 PB168017BS

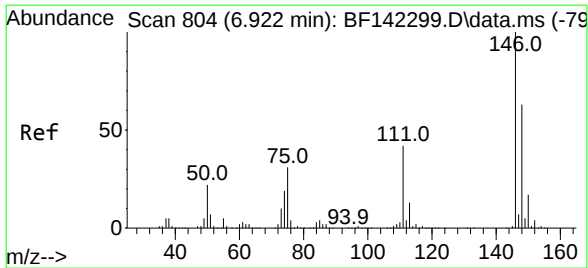
Tgt Ion:	93	Resp:	376108
Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.4	98.4
95	32.3	10.6	50.6



#12
 1,3-Dichlorobenzene
 Concen: 39.477 ng
 RT: 6.845 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

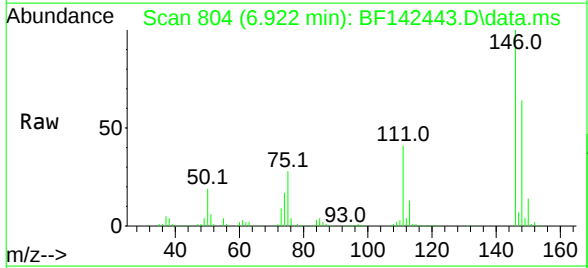
Tgt Ion:	146	Resp:	432309
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
75	27.8	24.2	36.4



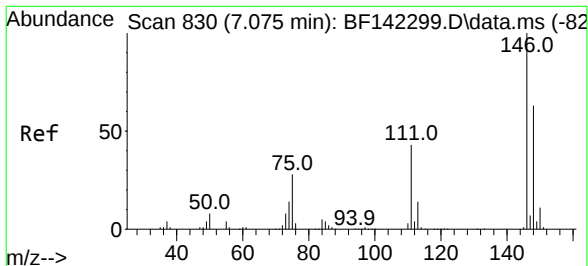
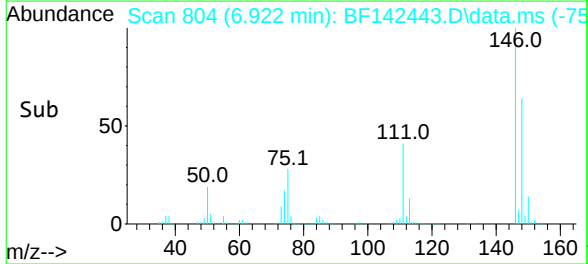
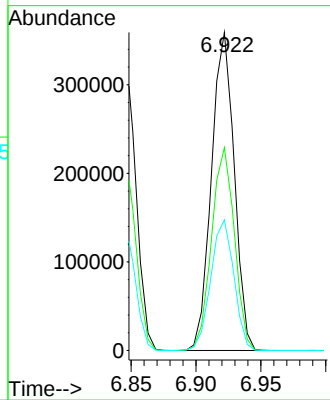


#13
1,4-Dichlorobenzene
Concen: 39.883 ng
RT: 6.922 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Instrument :
BNA_F
ClientSampleId :
PB168017BS

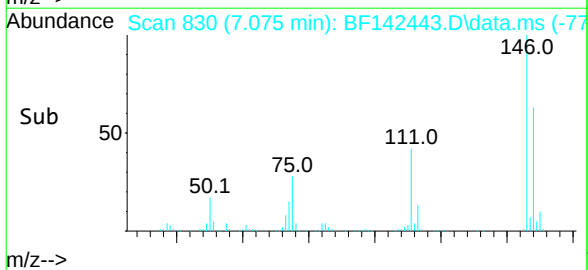
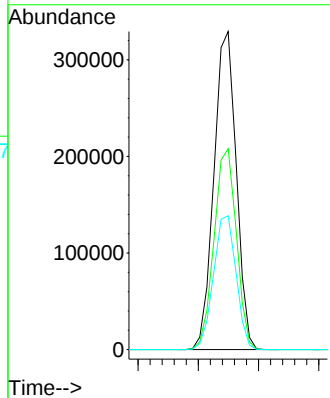
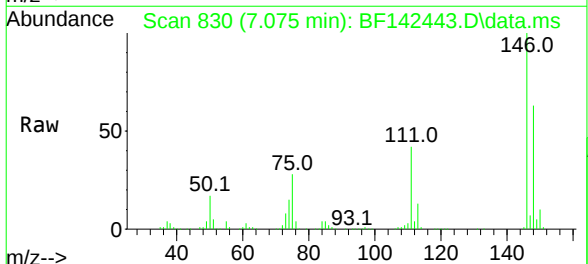


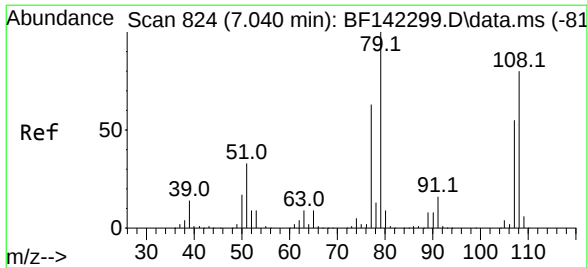
Tgt Ion:146 Resp: 438518
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 41.1 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 40.210 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

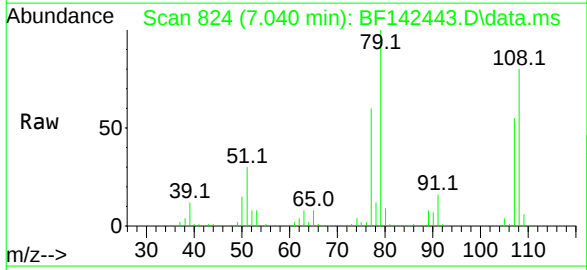
Tgt Ion:146 Resp: 424376
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
111 42.1 34.5 51.7



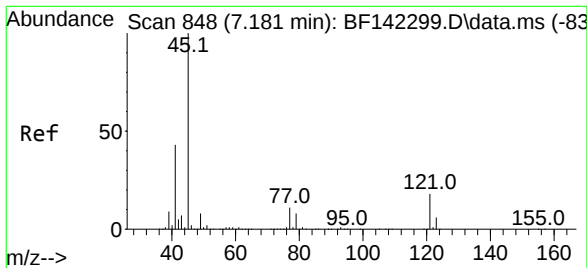
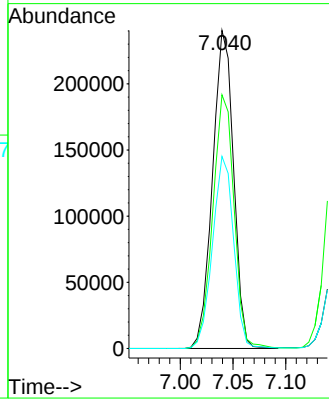
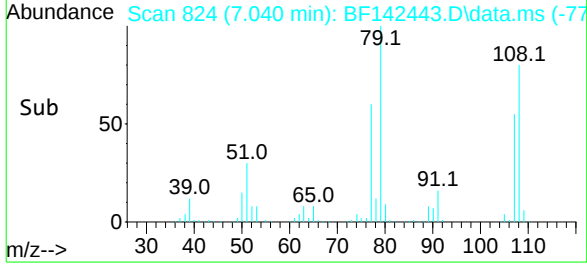


#15
Benzyl Alcohol
Concen: 46.676 ng
RT: 7.040 min Scan# 824
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

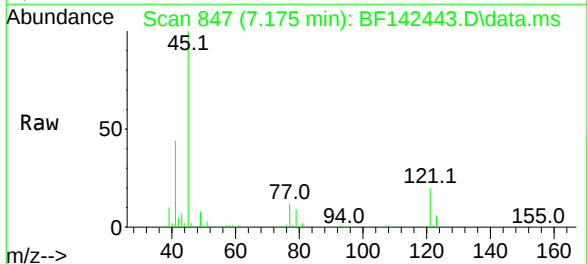
Instrument :
BNA_F
ClientSampleId :
PB168017BS



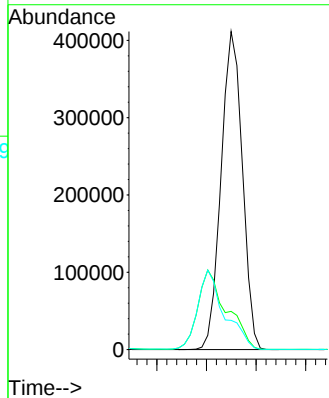
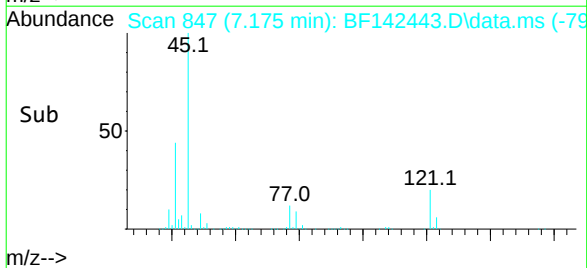
Tgt Ion: 79 Resp: 332978
Ion Ratio Lower Upper
79 100
108 79.8 63.9 95.9
77 60.4 50.7 76.1

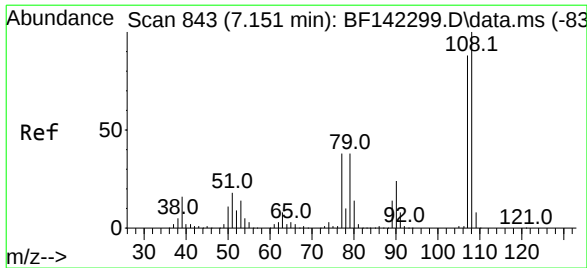


#16
2,2'-oxybis(1-chloropropane)
Concen: 35.689 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07



Tgt Ion: 45 Resp: 613753
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.2
79 9.2 0.0 28.5

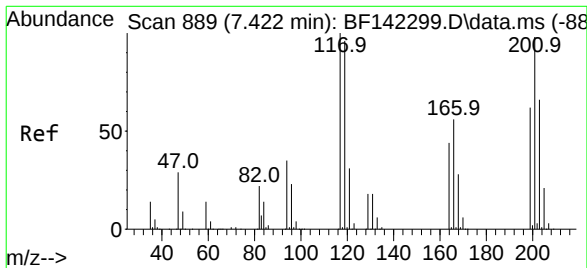
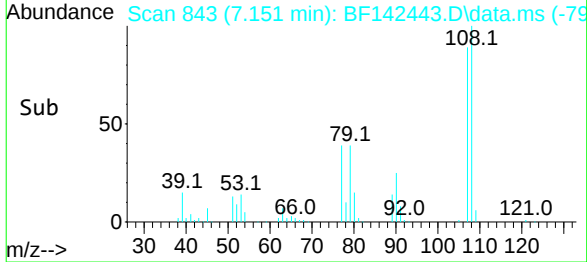
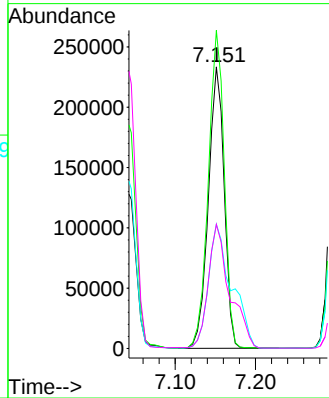
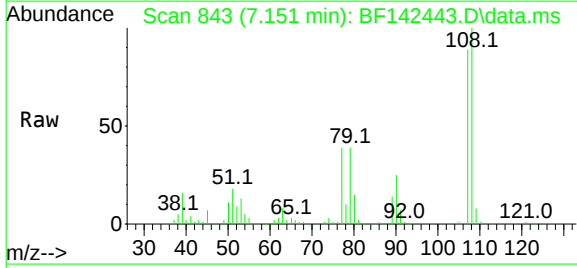




#17
2-Methylphenol
Concen: 41.228 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

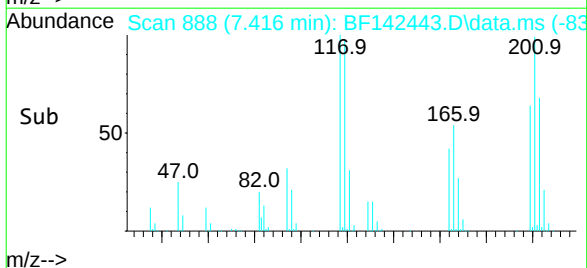
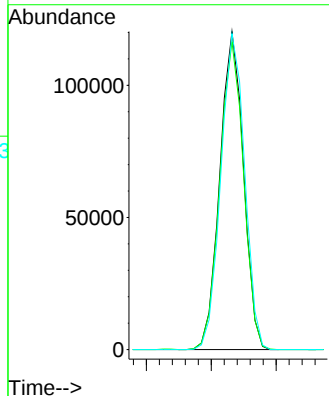
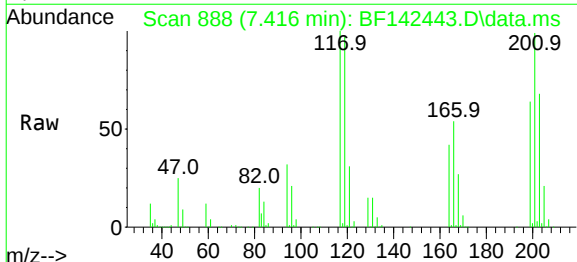
Instrument :
BNA_F
ClientSampleId :
PB168017BS

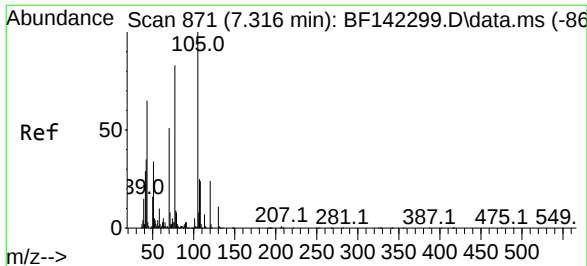
Tgt Ion:	107	Resp:	319498
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.1	136.7
77	44.1	34.7	52.1
79	44.1	34.5	51.7



#18
Hexachloroethane
Concen: 41.553 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion:	117	Resp:	152014
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3
201	99.3	78.0	117.0

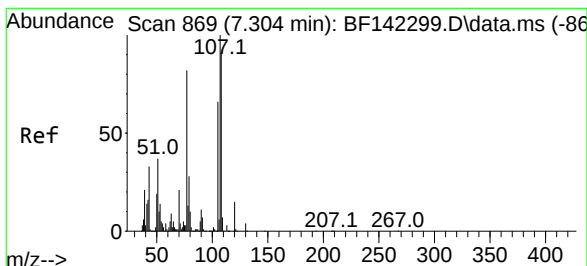
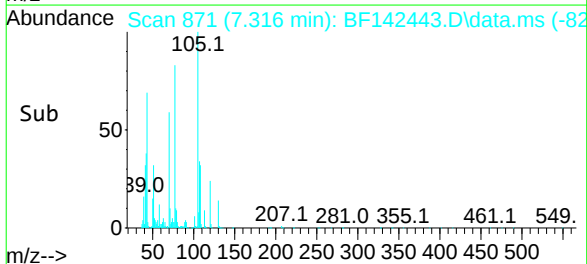
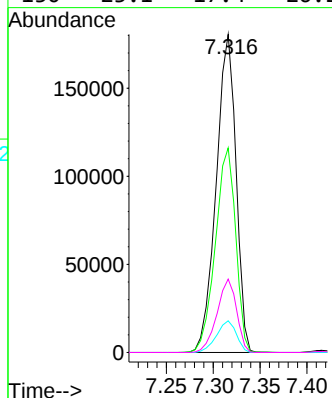
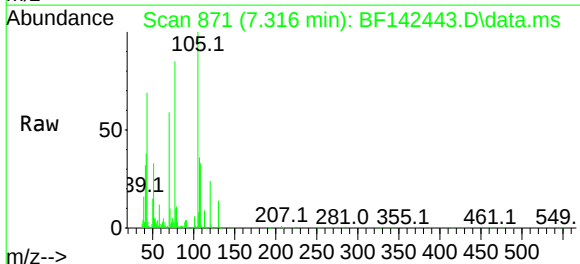




#19
n-Nitroso-di-n-propylamine
Concen: 39.043 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

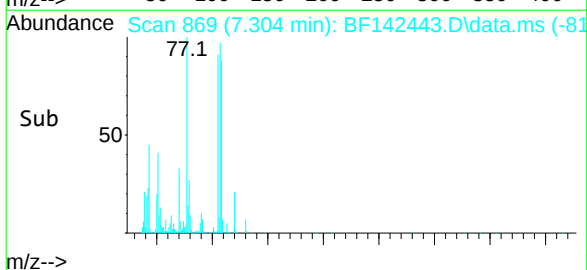
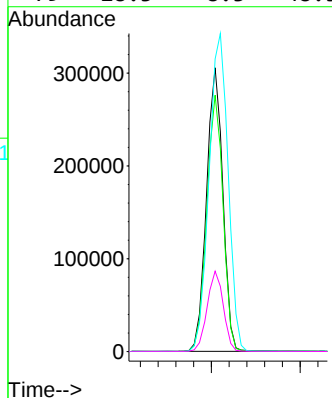
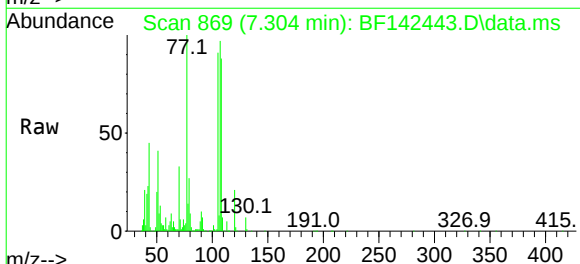
Instrument :
BNA_F
ClientSampleId :
PB168017BS

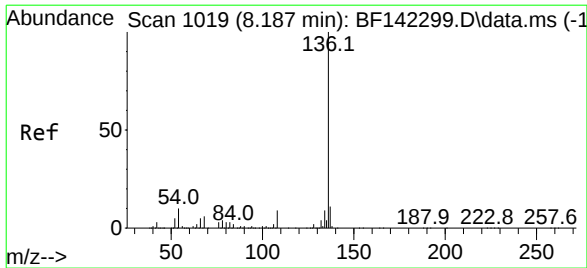
Tgt Ion:	70	Resp:	266063
Ion	Ratio	Lower	Upper
70	100		
42	64.3	54.8	82.2
101	10.0	7.7	11.5
130	23.1	17.4	26.2



#20
3+4-Methylphenols
Concen: 40.452 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

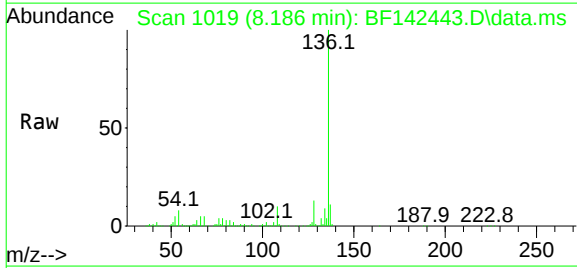
Tgt Ion:	107	Resp:	391239
Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.5	111.5
77	103.1	61.6	101.6#
79	28.3	8.3	48.3



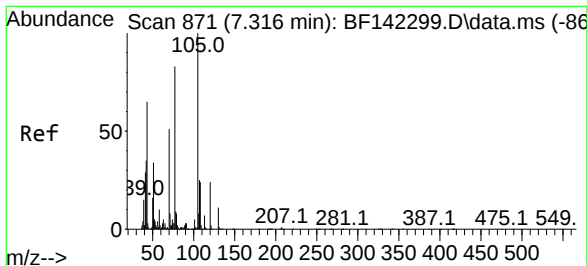
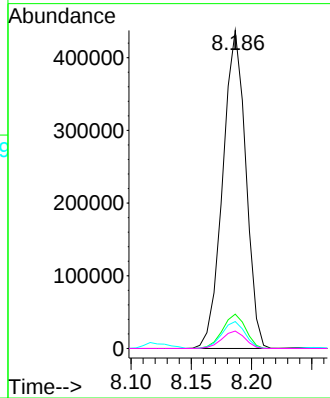
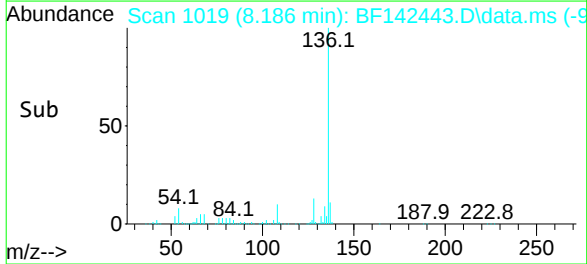


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

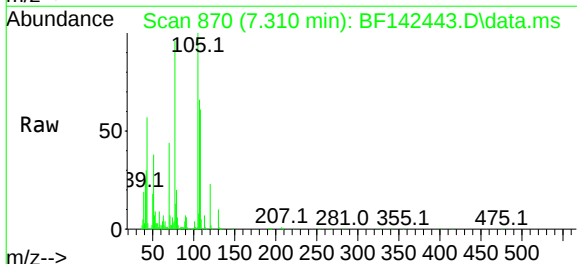
Instrument :
BNA_F
ClientSampleId :
PB168017BS



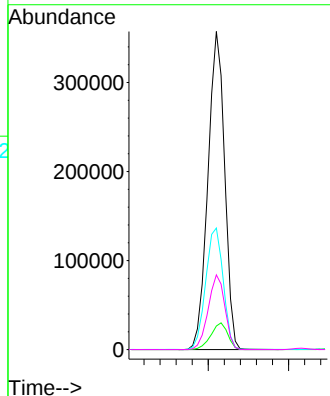
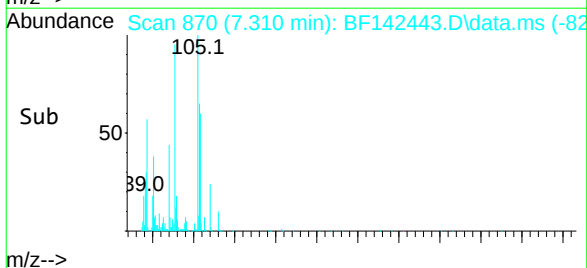
Tgt Ion:136 Resp: 582180
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.5 7.7 11.5
68 5.5 4.9 7.3

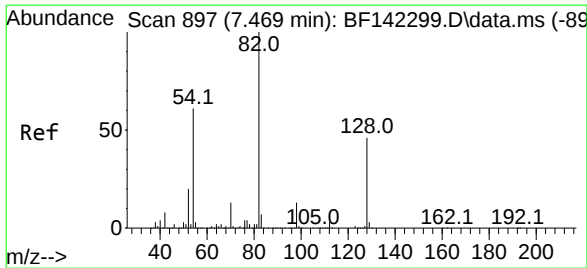


#22
Acetophenone
Concen: 39.943 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07



Tgt Ion:105 Resp: 517048
Ion Ratio Lower Upper
105 100
71 7.4 6.7 10.1
51 38.2 27.6 41.4
120 23.5 19.1 28.7

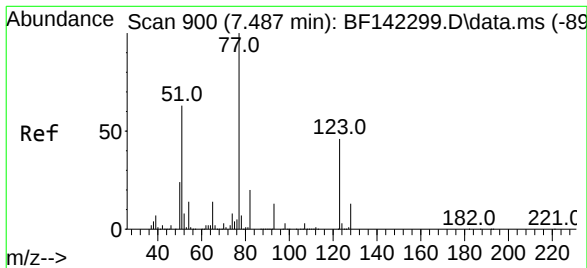
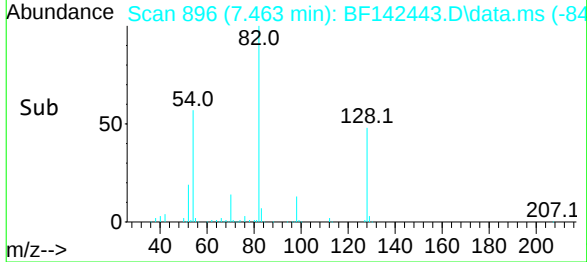
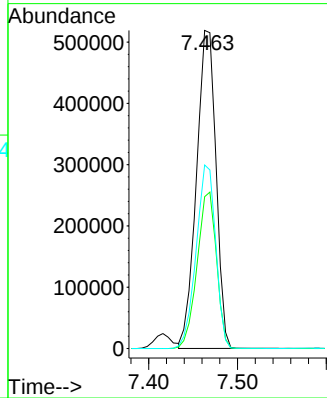
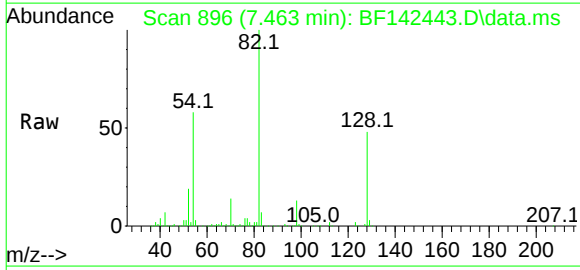




#23
Nitrobenzene-d5
Concen: 83.151 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

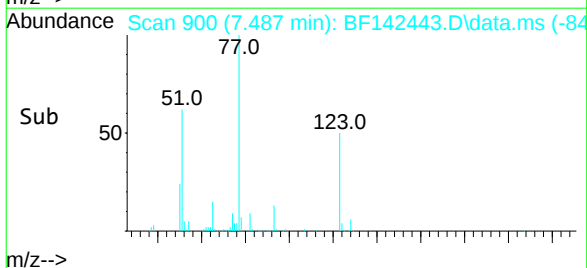
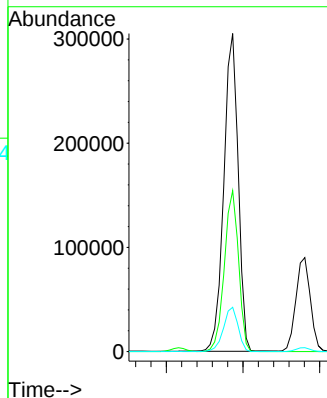
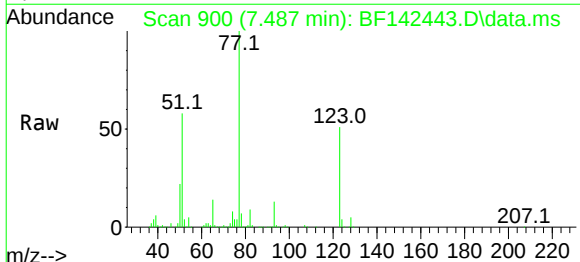
Instrument :
BNA_F
ClientSampleId :
PB168017BS

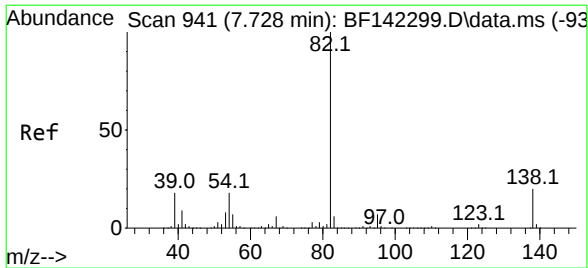
Tgt Ion: 82 Resp: 793752
Ion Ratio Lower Upper
82 100
128 47.7 37.0 55.6
54 57.7 48.6 73.0



#24
Nitrobenzene
Concen: 44.161 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion: 77 Resp: 397371
Ion Ratio Lower Upper
77 100
123 50.6 37.8 56.8
65 13.9 11.4 17.0

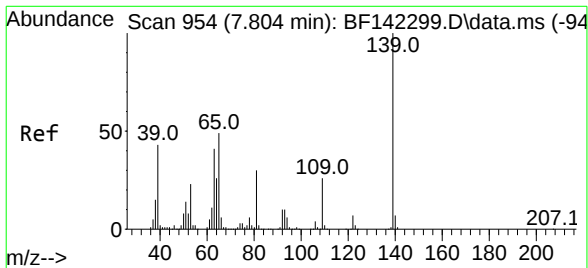
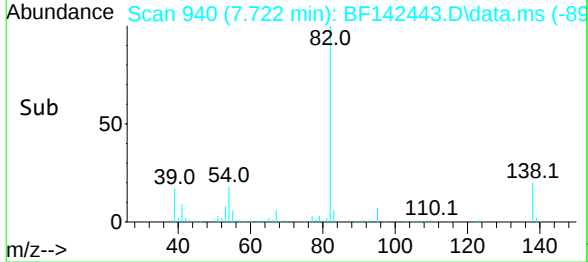
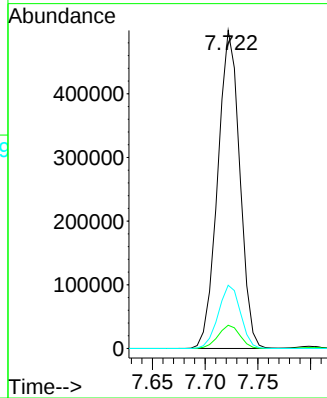
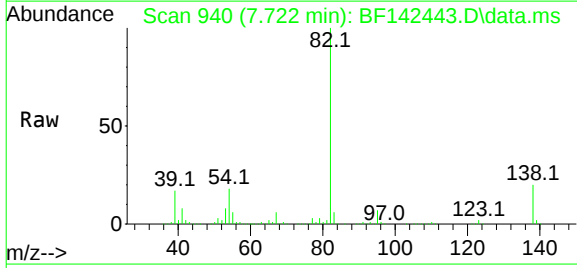




#25
Isophorone
Concen: 40.256 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

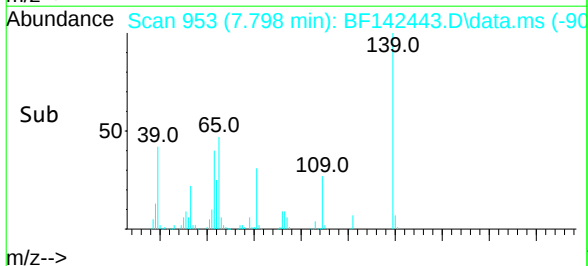
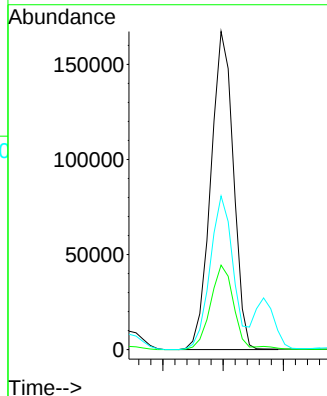
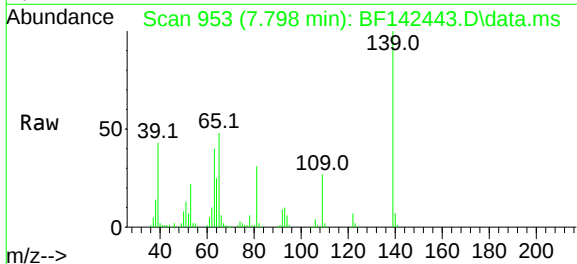
Instrument :
BNA_F
ClientSampleId :
PB168017BS

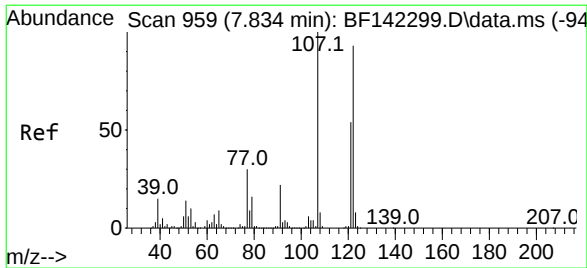
Tgt Ion: 82 Resp: 727698
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 19.9 16.1 24.1



#26
2-Nitrophenol
Concen: 50.203 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion: 139 Resp: 218629
Ion Ratio Lower Upper
139 100
109 26.5 20.8 31.2
65 48.3 38.9 58.3

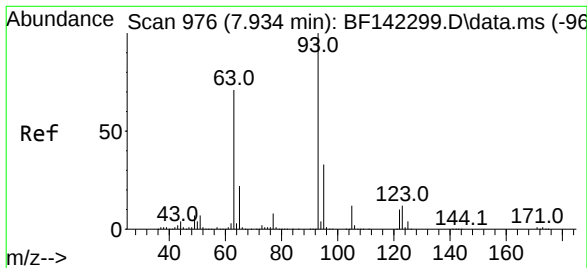
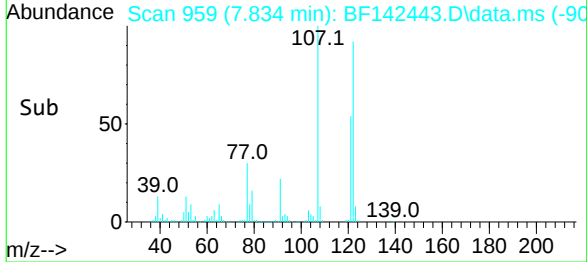
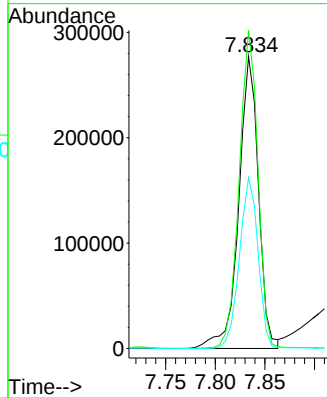
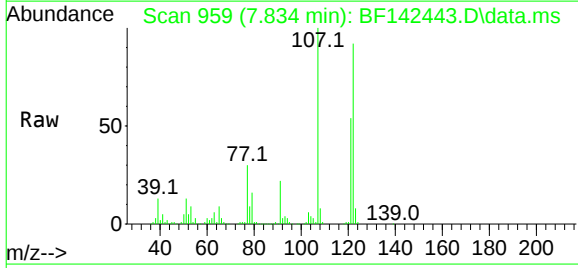




#27
2,4-Dimethylphenol
Concen: 42.128 ng
RT: 7.834 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

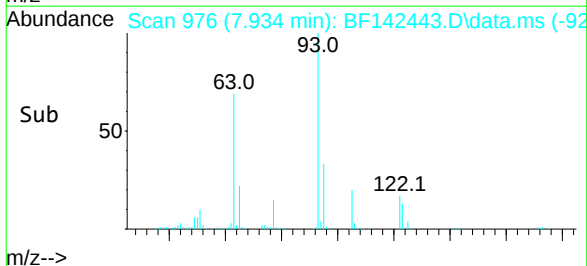
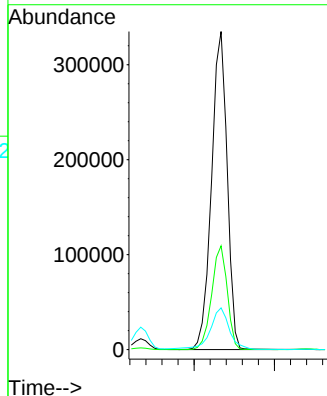
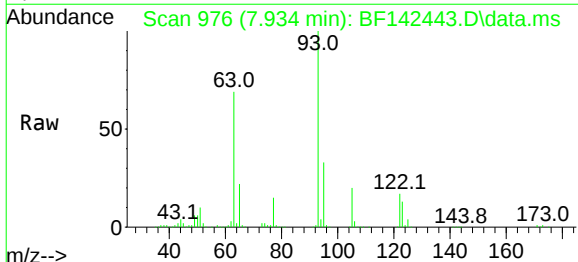
Instrument :
BNA_F
ClientSampleId :
PB168017BS

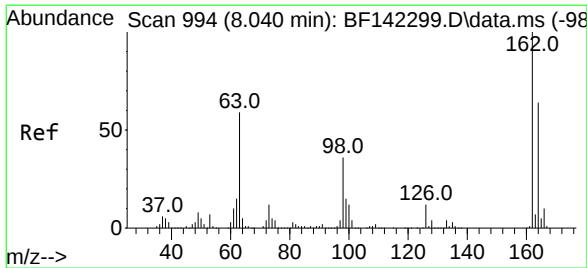
Tgt Ion:122 Resp: 382880
Ion Ratio Lower Upper
122 100
107 108.9 86.0 129.0
121 58.5 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.982 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

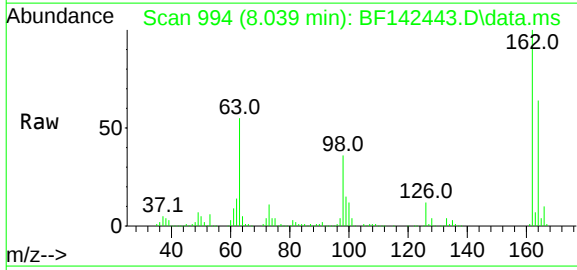
Tgt Ion: 93 Resp: 453111
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 13.1 10.2 15.4



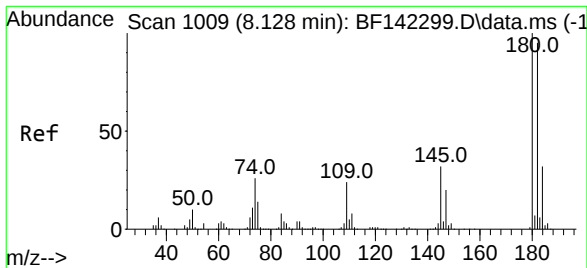
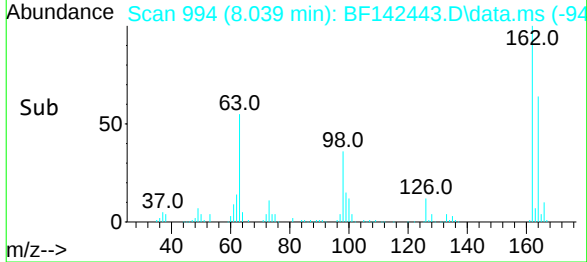
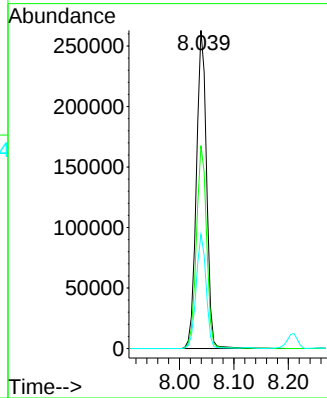


#29
2,4-Dichlorophenol
Concen: 44.170 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Instrument :
BNA_F
ClientSampleId :
PB168017BS

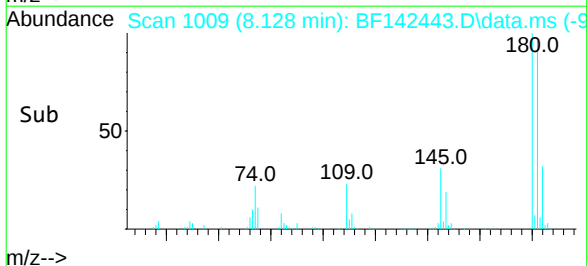
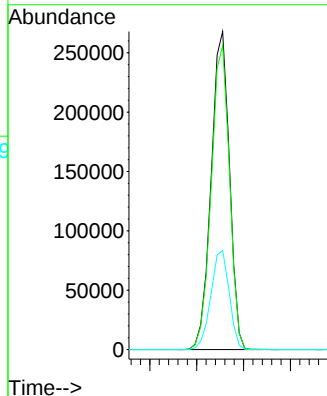
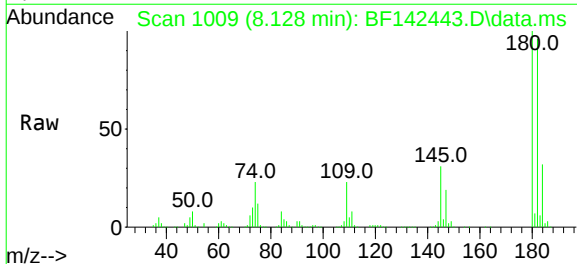


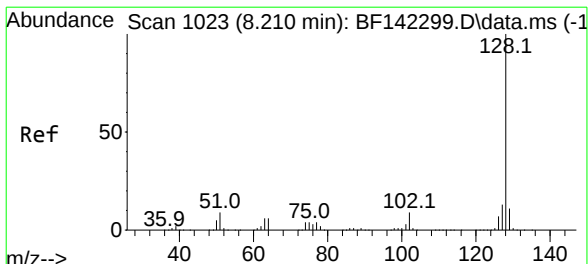
Tgt Ion:	162	Resp:	341291
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.6	83.6
98	35.9	16.5	56.5



#30
1,2,4-Trichlorobenzene
Concen: 41.732 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

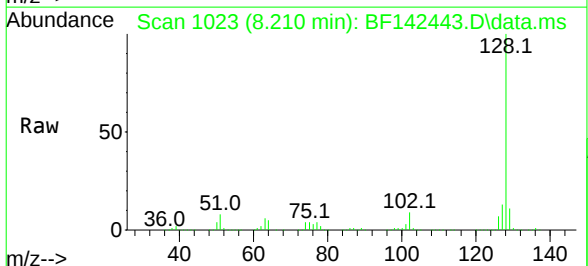
Tgt Ion:	180	Resp:	362891
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.2	114.4
145	31.2	25.8	38.6





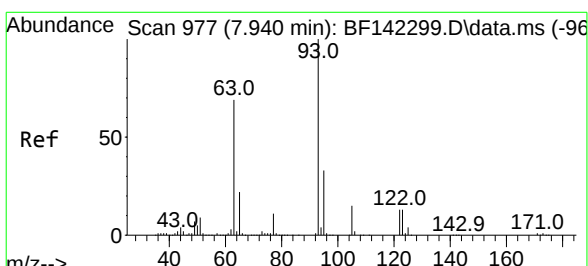
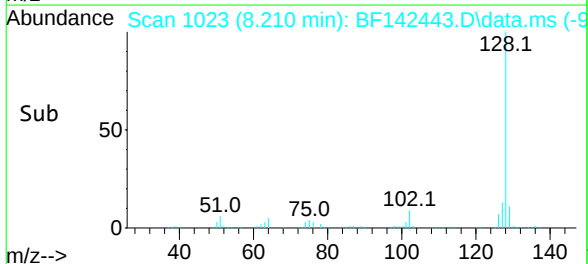
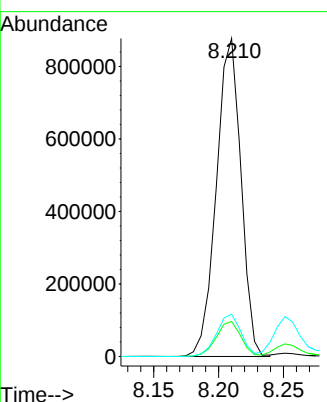
#31
Naphthalene
Concen: 40.995 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Instrument :
BNA_F
ClientSampleId :
PB168017BS



Tgt Ion:128 Resp: 1156707

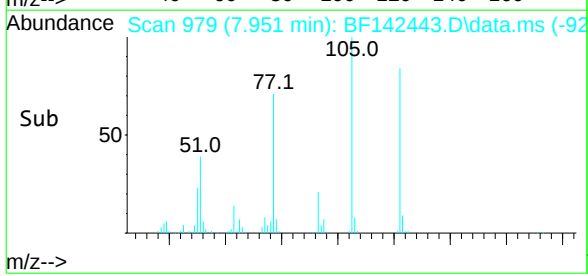
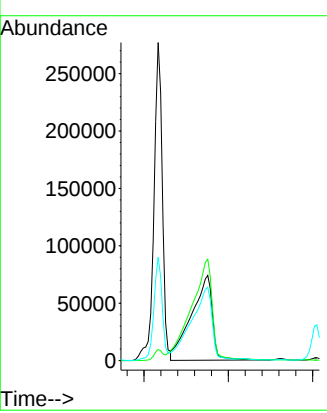
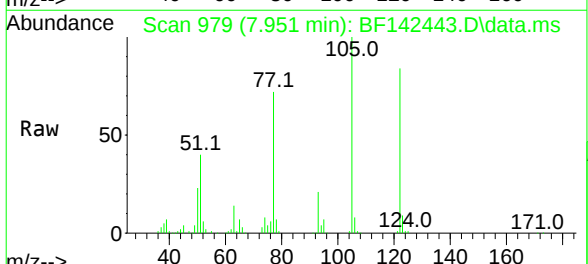
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.3	10.5	15.7

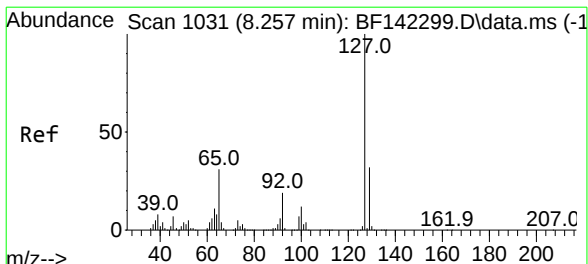


#32
Benzoic acid
Concen: 51.363 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.011 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion:122 Resp: 255683

Ion	Ratio	Lower	Upper
122	100		
105	119.1	97.9	137.9
77	86.0	67.7	107.7

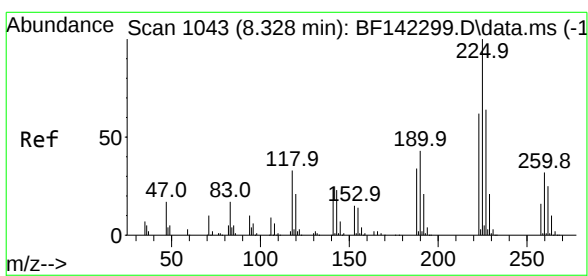
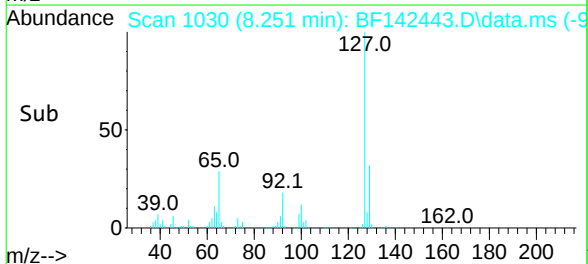
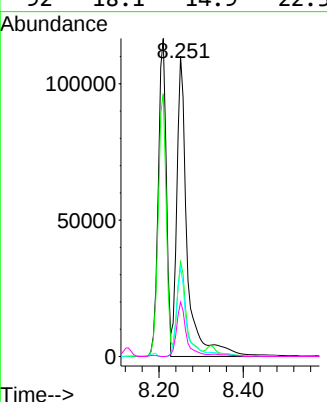
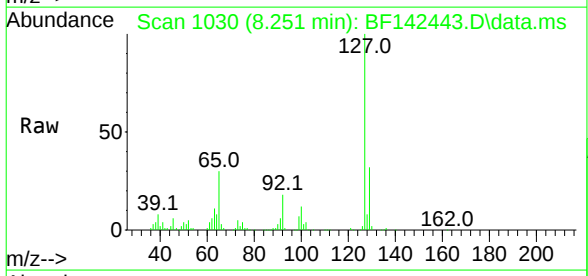




#33
 4-Chloroaniline
 Concen: 16.508 ng m
 RT: 8.251 min Scan# 1031
 Delta R.T. -0.016 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

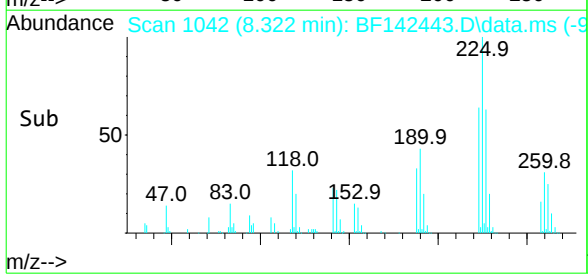
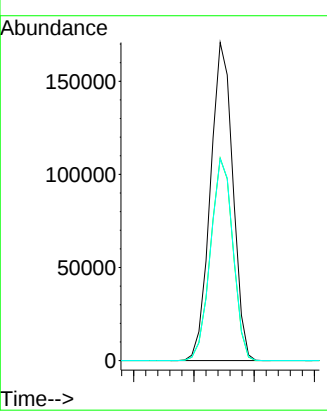
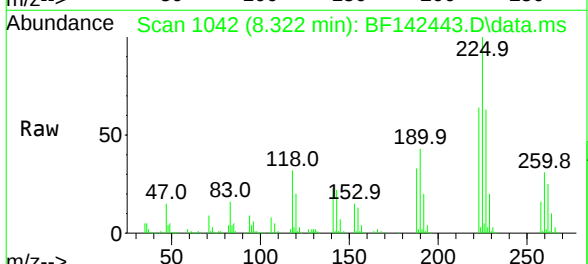
Instrument :
 BNA_F
 ClientSampleId :
 PB168017BS

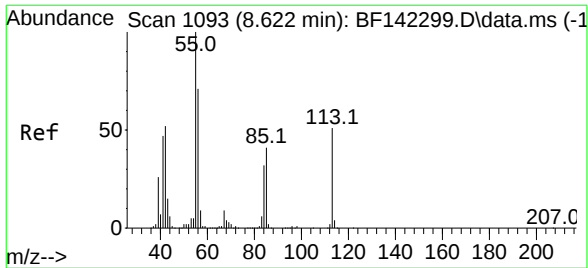
Tgt Ion:	127	Resp:	190067
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.7	38.5
65	29.6	24.9	37.3
92	18.1	14.9	22.3



#34
 Hexachlorobutadiene
 Concen: 42.957 ng
 RT: 8.322 min Scan# 1042
 Delta R.T. -0.006 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

Tgt Ion:	225	Resp:	221193
Ion Ratio	Lower	Upper	
225	100		
223	63.6	49.8	74.6
227	63.5	50.9	76.3

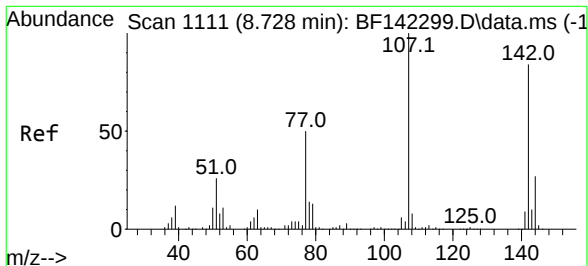
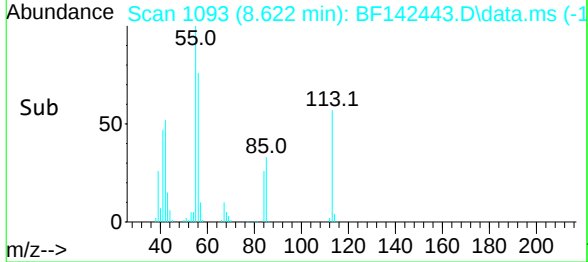
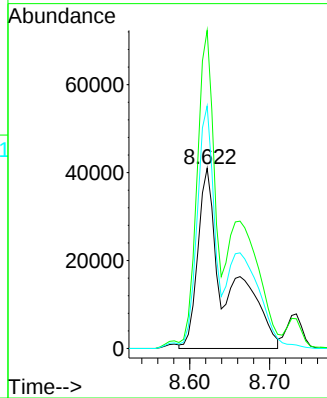
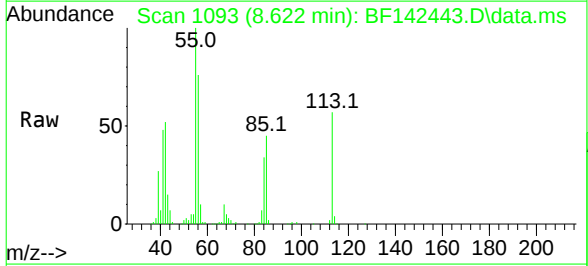




#35
Caprolactam
Concen: 46.671 ng m
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

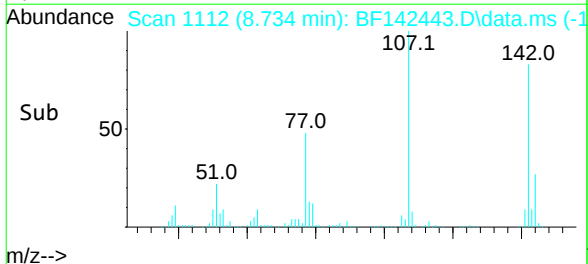
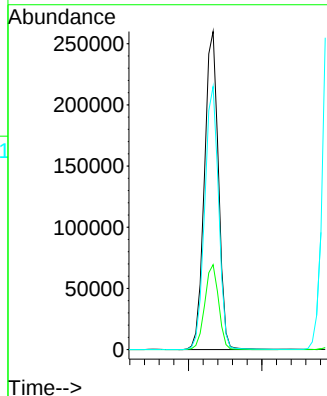
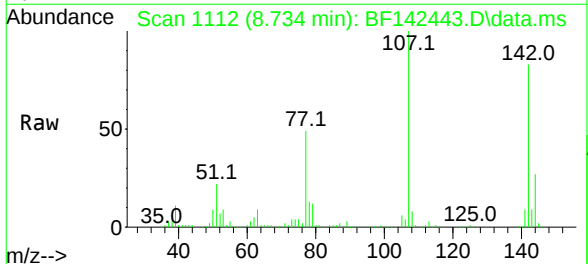
Instrument :
BNA_F
ClientSampleId :
PB168017BS

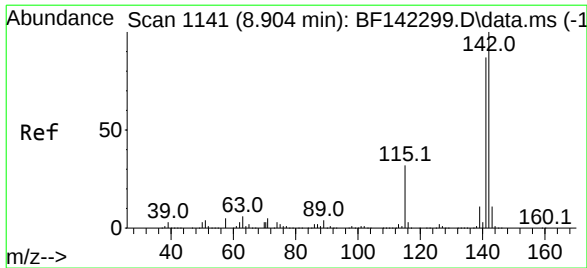
Tgt Ion:113 Resp: 105100
Ion Ratio Lower Upper
113 100
55 176.5 176.4 216.4
56 134.6 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 42.903 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion:107 Resp: 344601
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 82.7 66.9 100.3

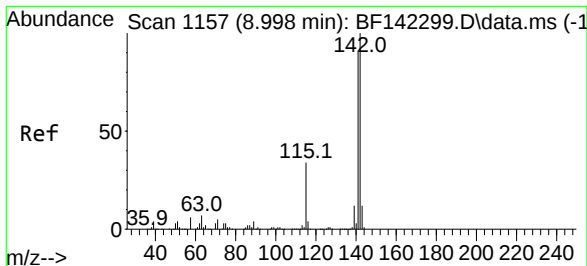
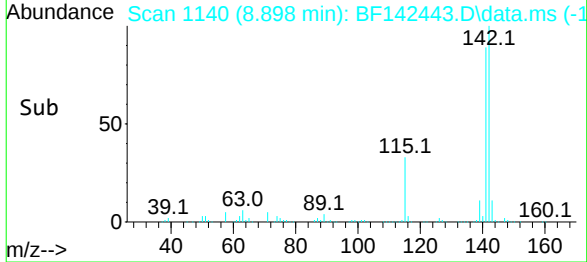
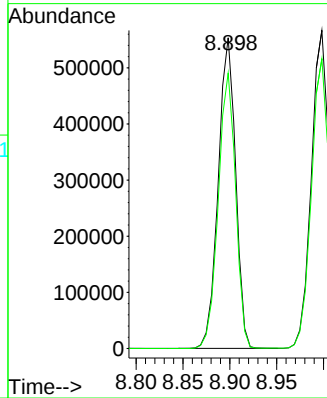
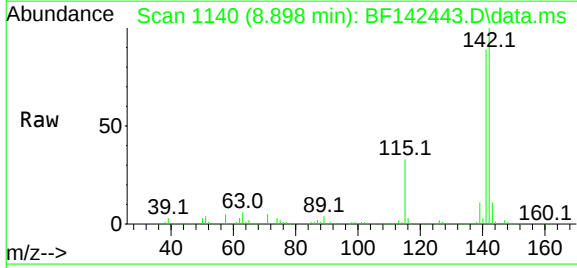




#37
2-Methylnaphthalene
Concen: 40.695 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

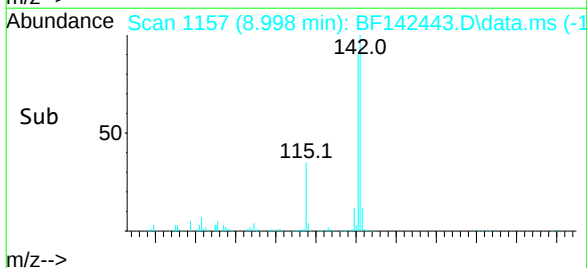
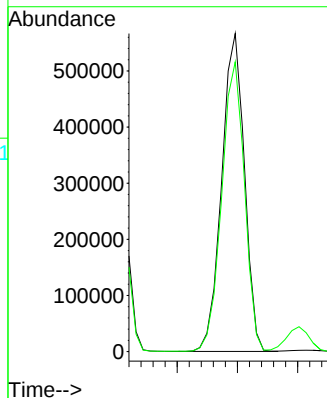
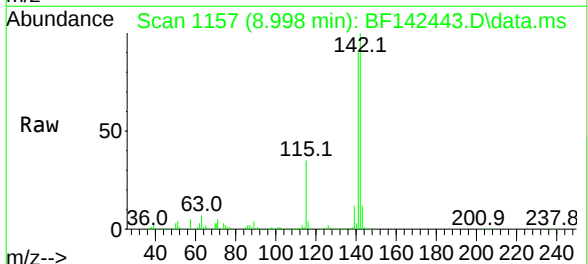
Instrument :
BNA_F
ClientSampleId :
PB168017BS

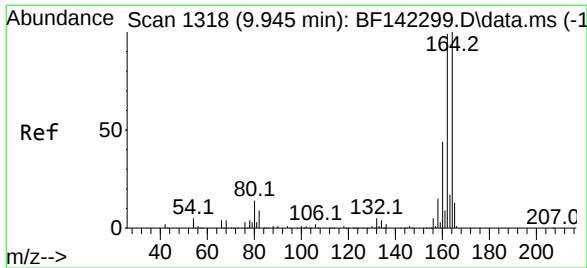
Tgt Ion:142 Resp: 713490
Ion Ratio Lower Upper
142 100
141 88.6 69.4 104.2



#38
1-Methylnaphthalene
Concen: 40.664 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion:142 Resp: 743095
Ion Ratio Lower Upper
142 100
141 91.1 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS

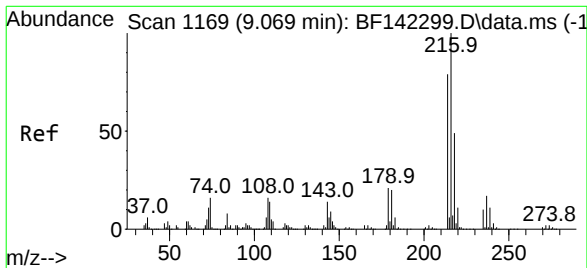
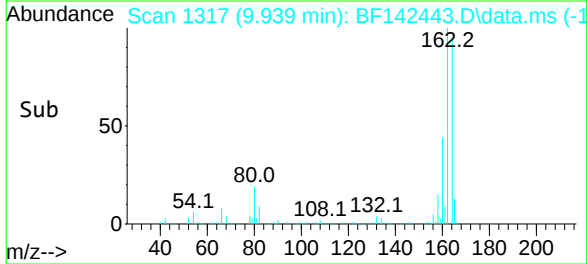
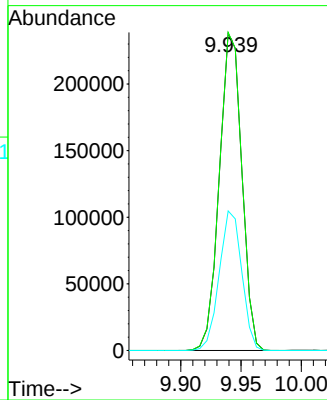
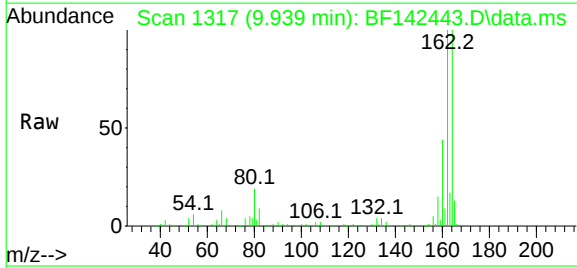
Tgt Ion:164 Resp: 309352

Ion Ratio Lower Upper

164 100

162 100.2 79.2 118.8

160 44.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.803 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Tgt Ion:216 Resp: 361173

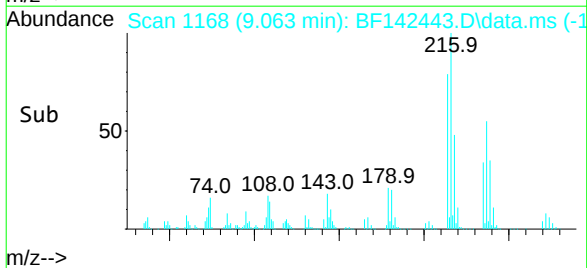
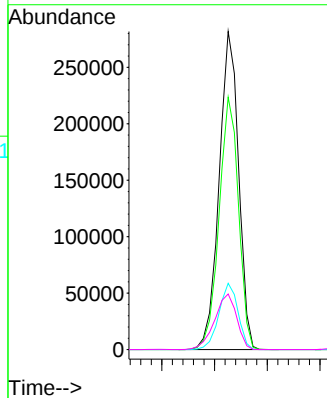
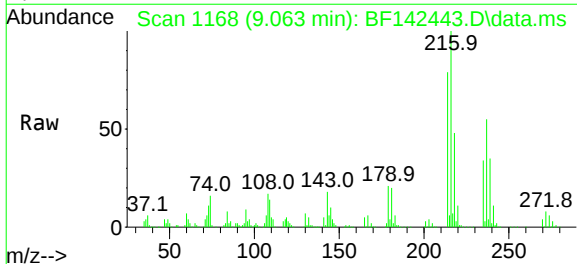
Ion Ratio Lower Upper

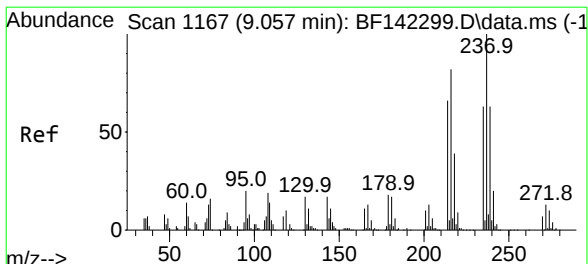
216 100

214 79.1 63.8 95.6

179 20.5 17.0 25.6

108 19.8 15.0 22.6

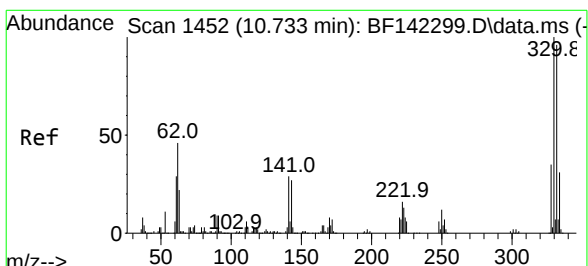
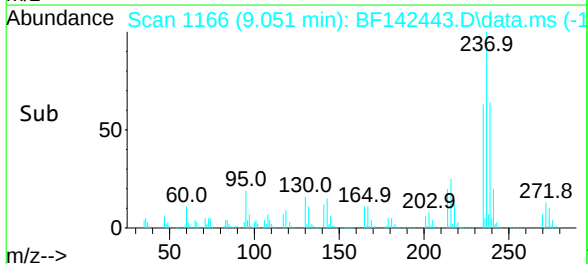
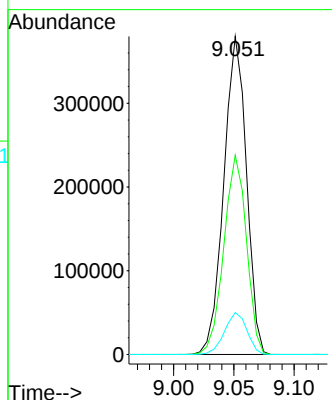
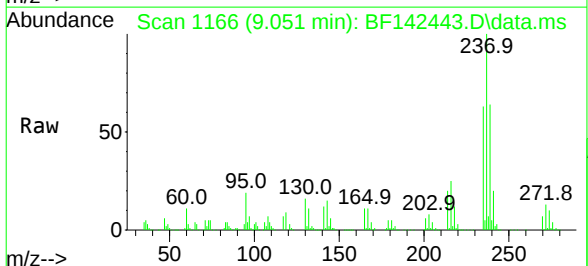




#41
 Hexachlorocyclopentadiene
 Concen: 93.091 ng
 RT: 9.051 min Scan# 1166
 Delta R.T. -0.006 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

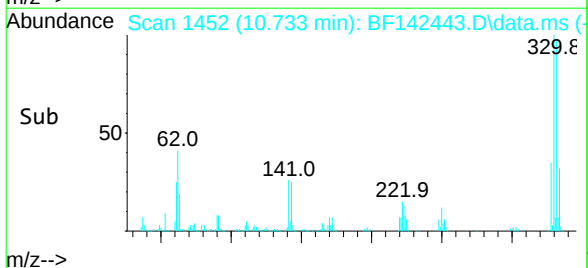
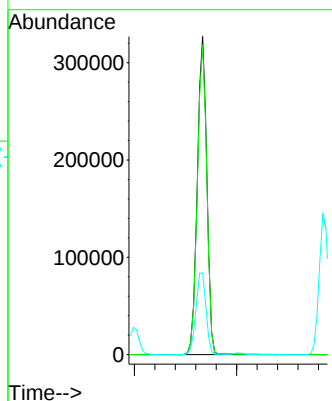
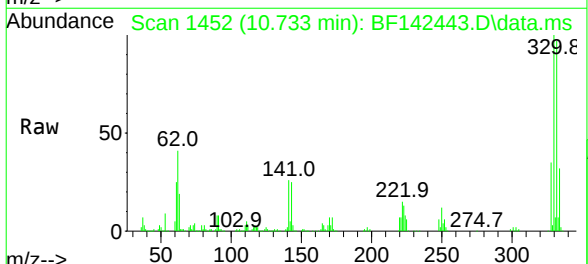
Instrument :
 BNA_F
 ClientSampleId :
 PB168017BS

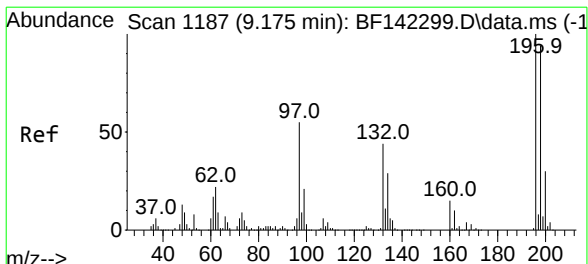
Tgt Ion:	237	Resp:	497074
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.8	82.8
272	13.2	0.0	33.0



#42
 2,4,6-Tribromophenol
 Concen: 141.079 ng
 RT: 10.733 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

Tgt Ion:	330	Resp:	421365
Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	27.3	24.9	37.3

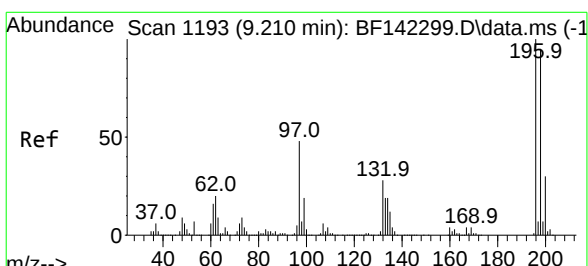
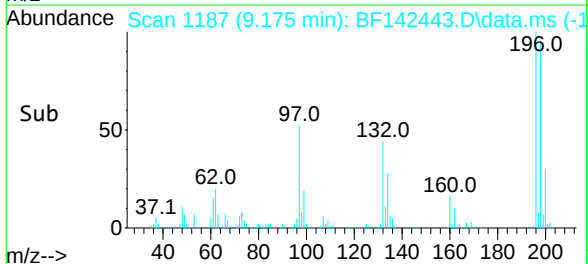
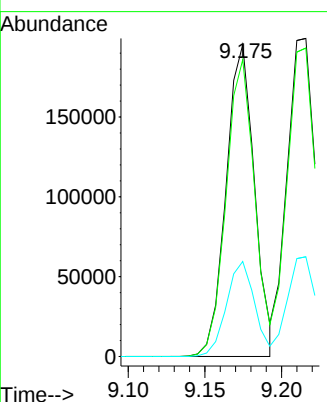
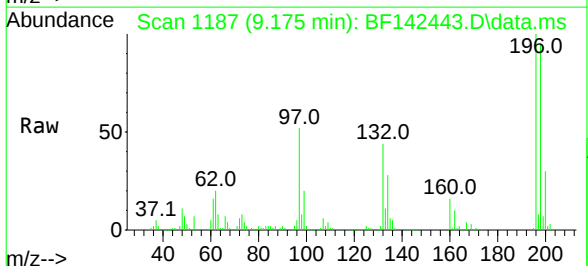




#43
 2,4,6-Trichlorophenol
 Concen: 46.077 ng
 RT: 9.175 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

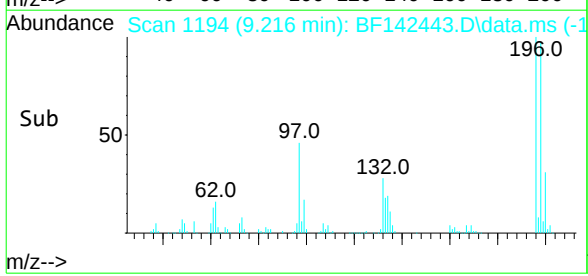
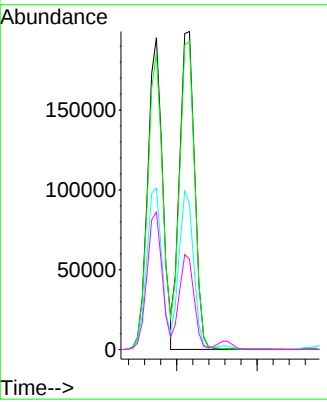
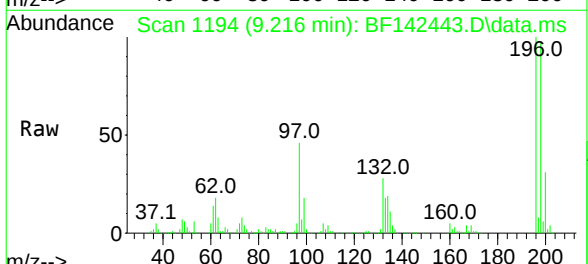
Instrument :
 BNA_F
 ClientSampleId :
 PB168017BS

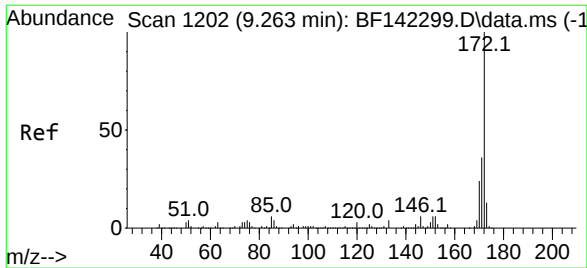
Tgt Ion:	196	Resp:	251107
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.4	113.0
200	30.5	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.922 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

Tgt Ion:	196	Resp:	260483
Ion Ratio	Lower	Upper	
196	100		
198	97.0	76.1	114.1
97	45.9	39.0	58.4
132	28.5	23.3	34.9





#45

2-Fluorobiphenyl

Concen: 74.847 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS

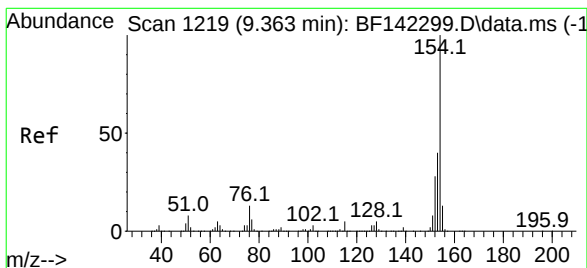
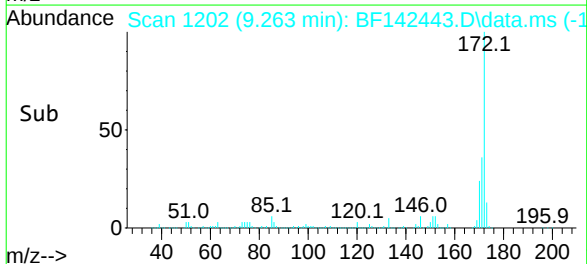
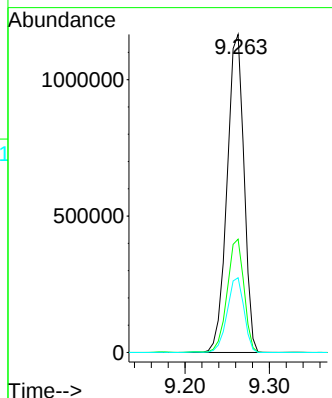
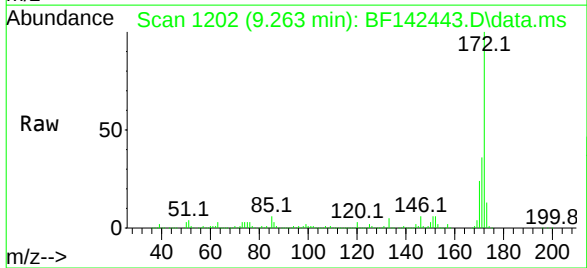
Tgt Ion:172 Resp: 1623844

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.097 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

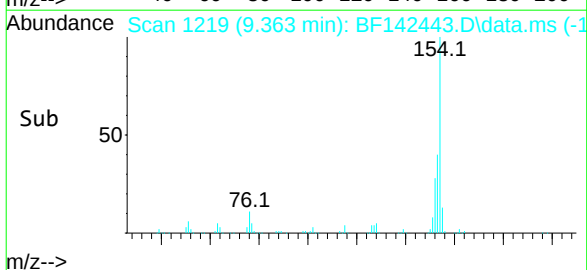
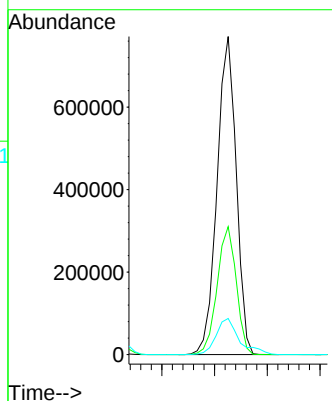
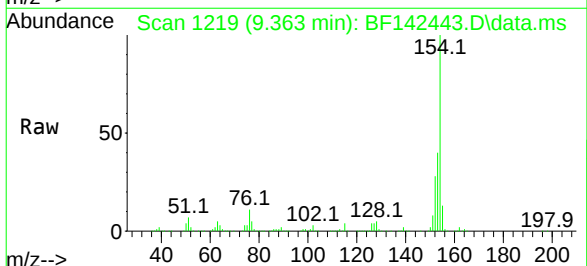
Tgt Ion:154 Resp: 974791

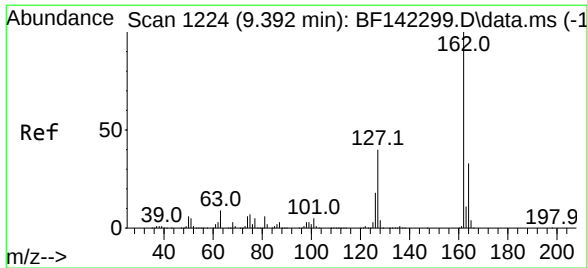
Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

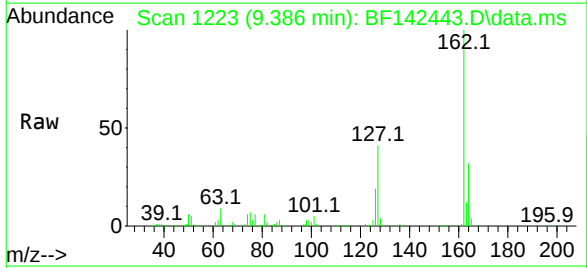
76 11.4 0.0 32.8



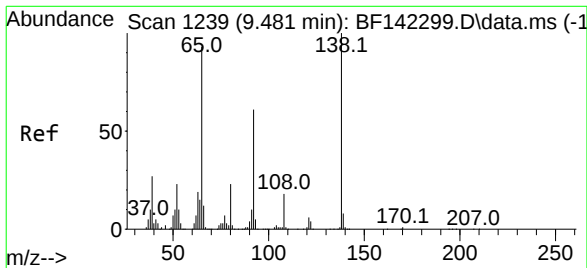
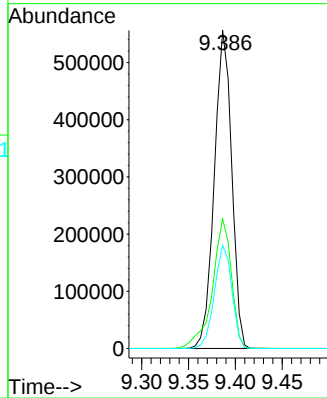
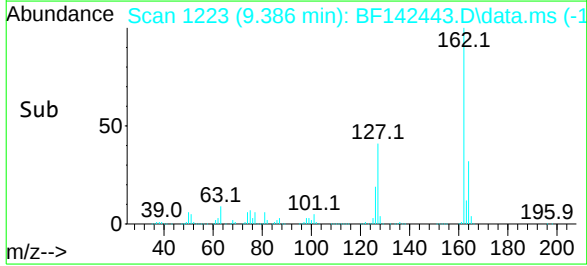


#47
2-Chloronaphthalene
Concen: 40.807 ng
RT: 9.386 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Instrument :
BNA_F
ClientSampleId :
PB168017BS

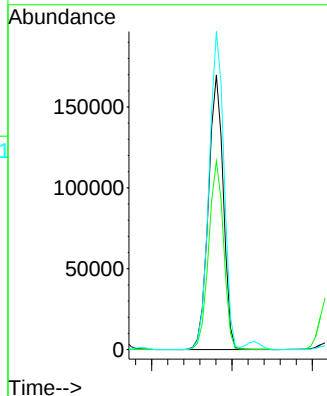
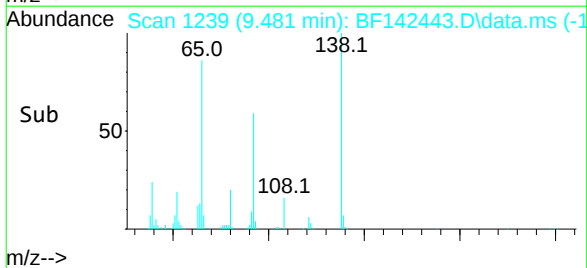
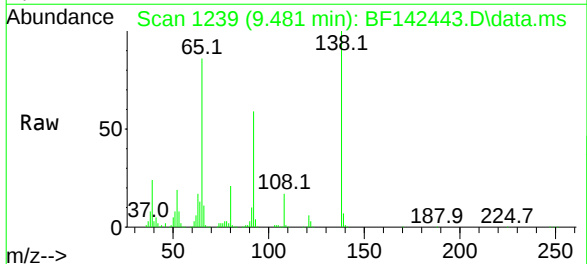


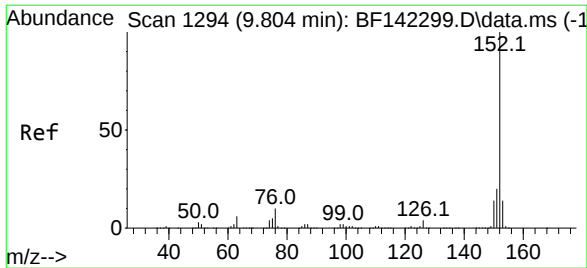
Tgt Ion:162 Resp: 719820
Ion Ratio Lower Upper
162 100
127 40.7 32.3 48.5
164 32.5 26.6 40.0



#48
2-Nitroaniline
Concen: 48.356 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion: 65 Resp: 218634
Ion Ratio Lower Upper
65 100
92 68.7 52.3 78.5
138 115.8 85.6 128.4





#49

Acenaphthylene

Concen: 41.031 ng

RT: 9.804 min Scan# 1294

Delta R.T. -0.000 min

Lab File: BF142443.D

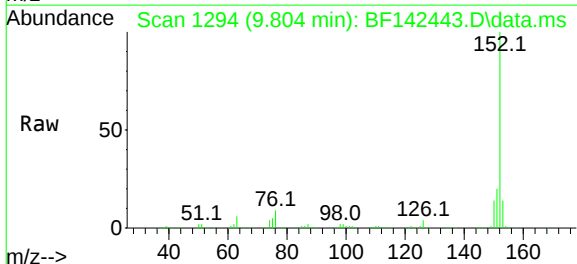
Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS



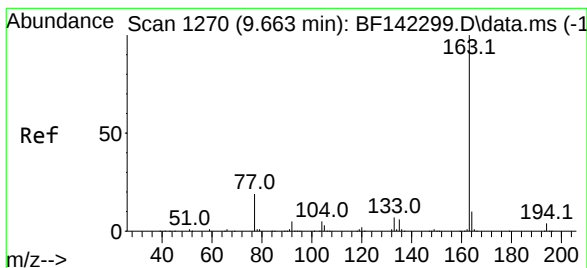
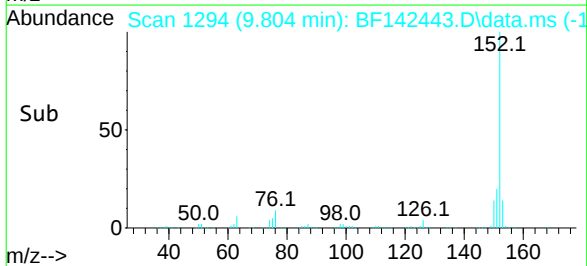
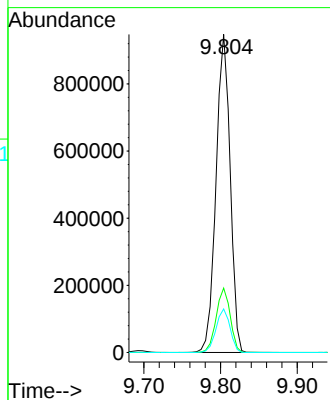
Tgt Ion:152 Resp: 1210762

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 41.856 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

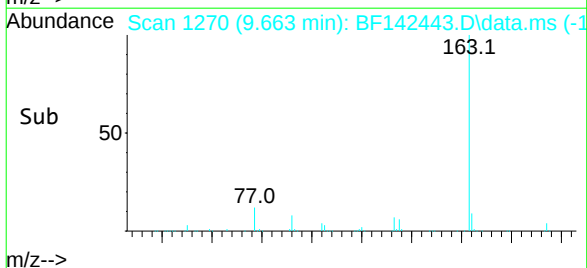
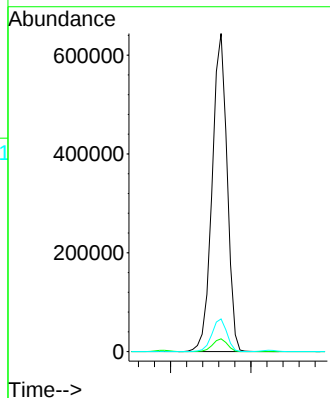
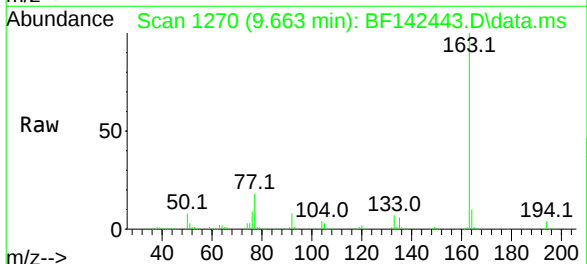
Tgt Ion:163 Resp: 831437

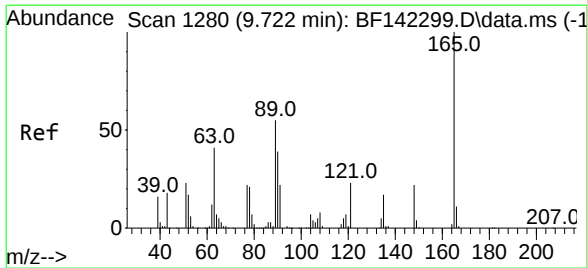
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.3 12.5

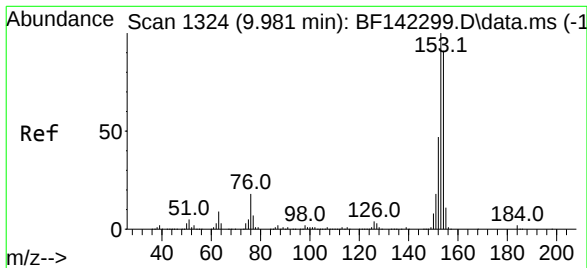
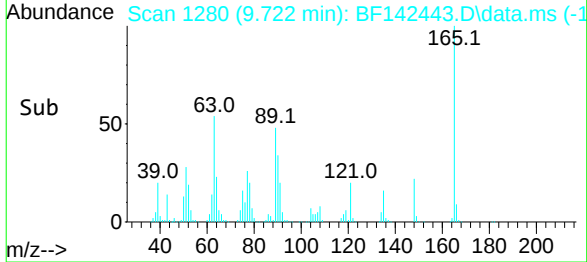
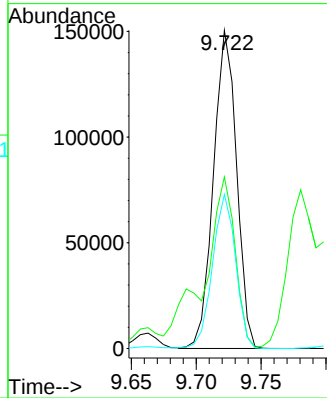
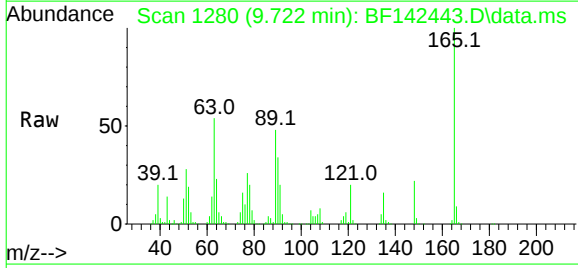




#51
2,6-Dinitrotoluene
Concen: 50.095 ng
RT: 9.722 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

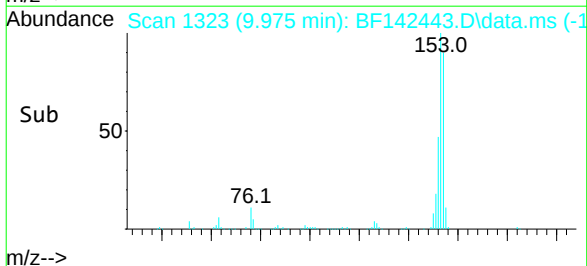
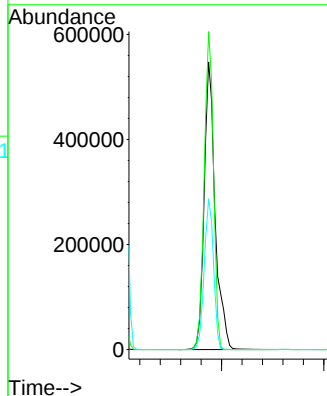
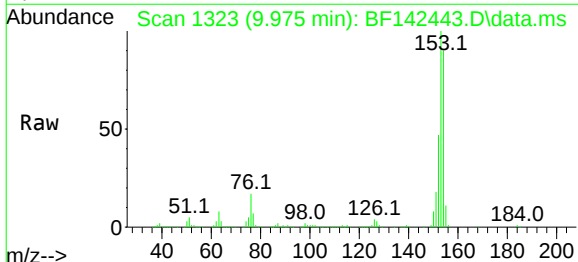
Instrument :
BNA_F
ClientSampleId :
PB168017BS

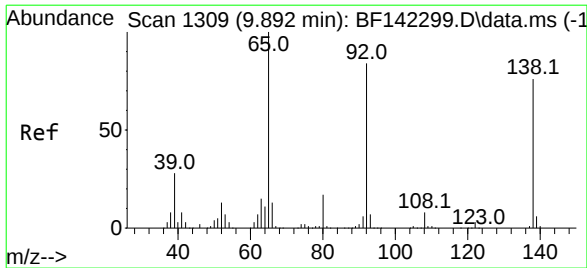
Tgt Ion:165 Resp: 186265
Ion Ratio Lower Upper
165 100
63 53.9 49.5 74.3
89 48.4 44.6 66.8



#52
Acenaphthene
Concen: 46.228 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

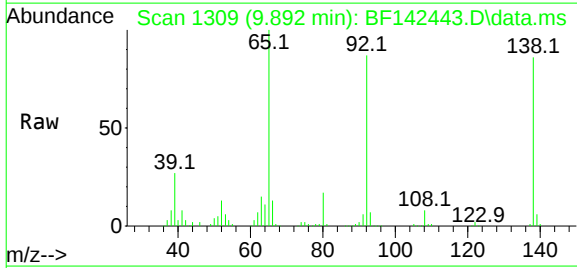
Tgt Ion:154 Resp: 820225
Ion Ratio Lower Upper
154 100
153 110.6 88.0 132.0
152 52.4 41.6 62.4



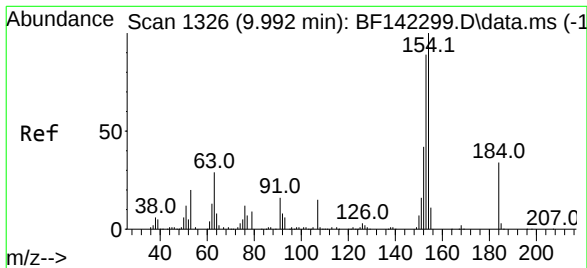
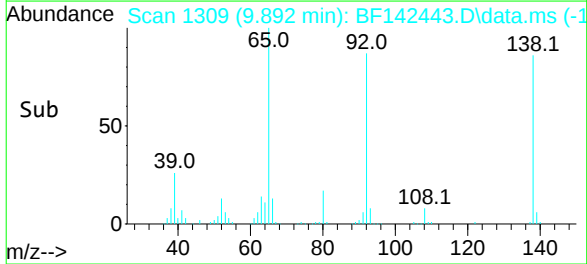
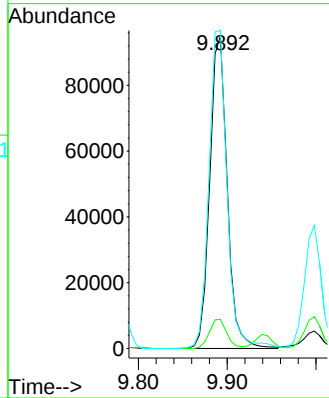


#53
3-Nitroaniline
Concen: 29.724 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Instrument :
BNA_F
ClientSampleId :
PB168017BS

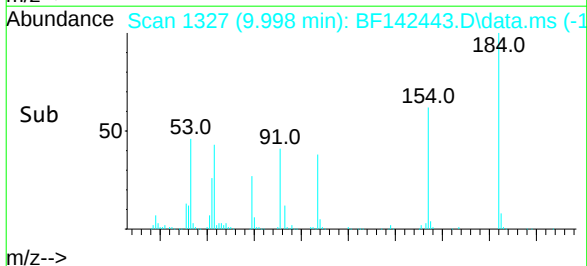
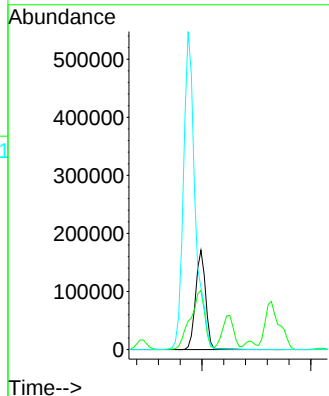
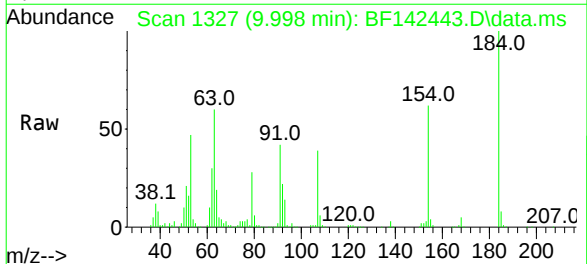


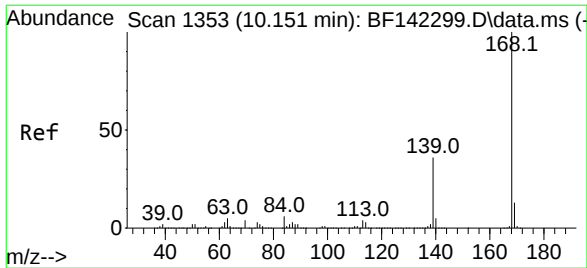
Tgt Ion:138 Resp: 129619
Ion Ratio Lower Upper
138 100
108 9.3 8.7 13.1
92 101.9 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 110.107 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion:184 Resp: 220391
Ion Ratio Lower Upper
184 100
63 59.6 70.6 105.8#
154 62.4 257.2 385.8#





#55

Dibenzenofuran

Concen: 40.547 ng

RT: 10.145 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS

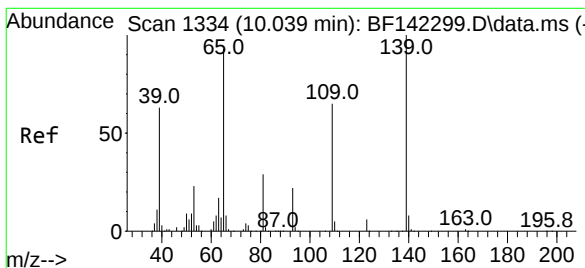
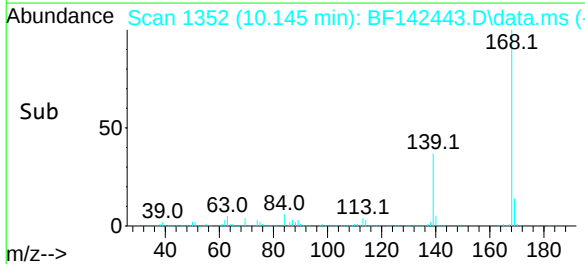
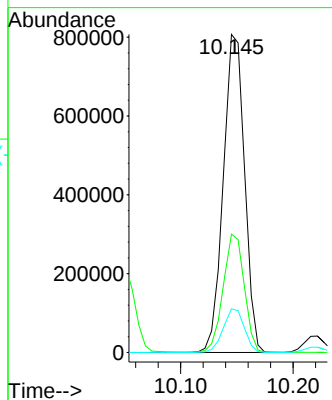
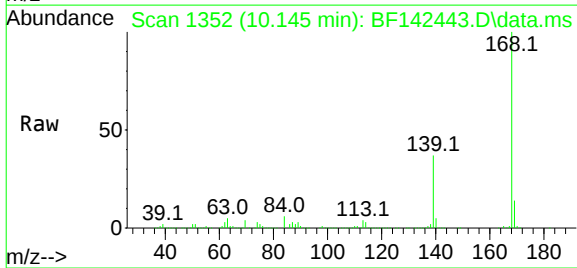
Tgt Ion:168 Resp: 1061748

Ion Ratio Lower Upper

168 100

139 37.2 29.0 43.4

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 97.742 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.012 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

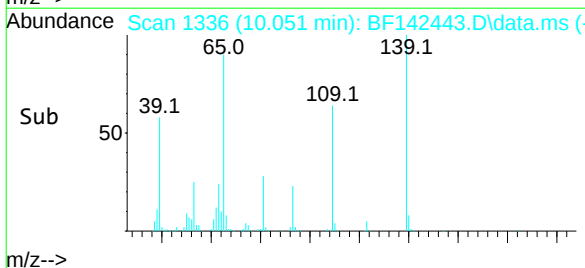
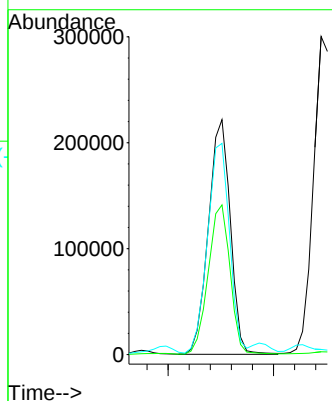
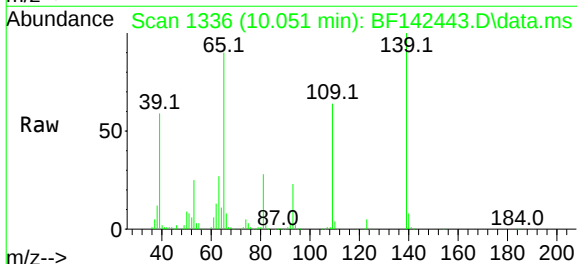
Tgt Ion:139 Resp: 320793

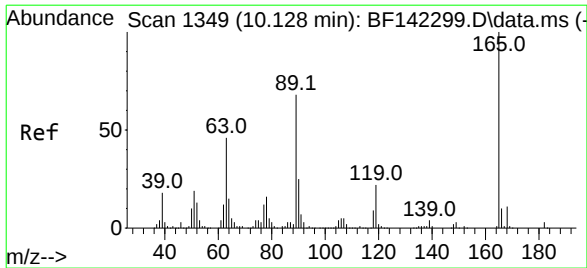
Ion Ratio Lower Upper

139 100

109 63.7 45.3 85.3

65 89.9 73.9 113.9

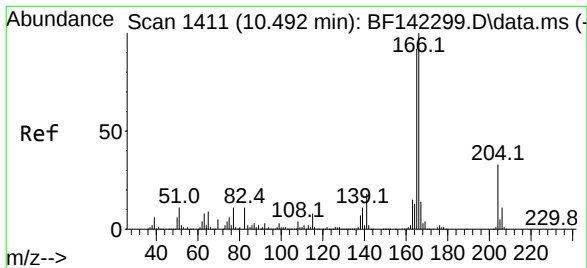
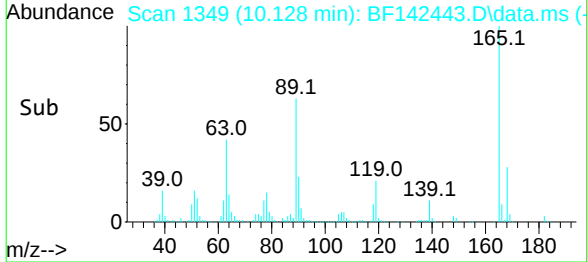
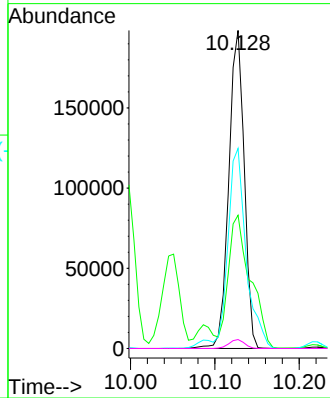
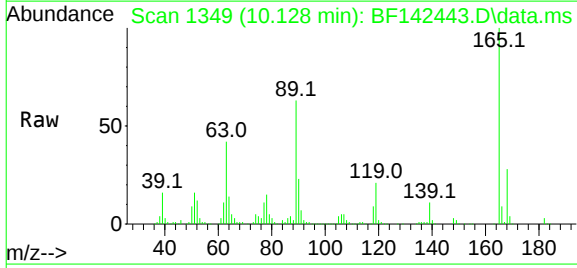




#57
2,4-Dinitrotoluene
Concen: 52.820 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

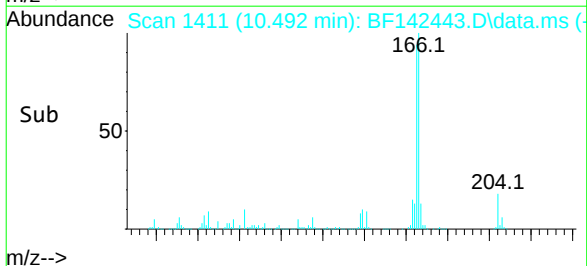
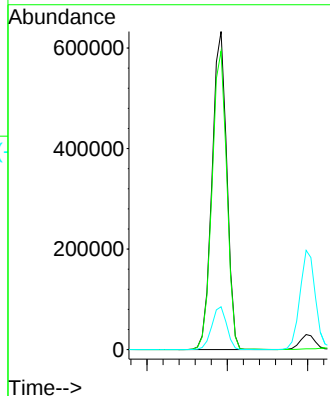
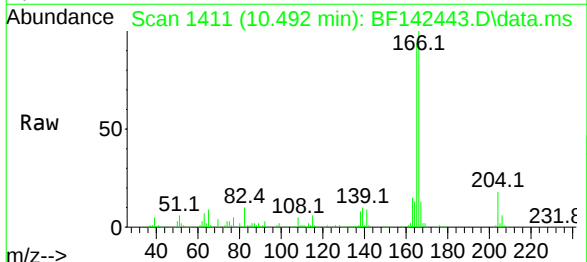
Instrument :
BNA_F
ClientSampleId :
PB168017BS

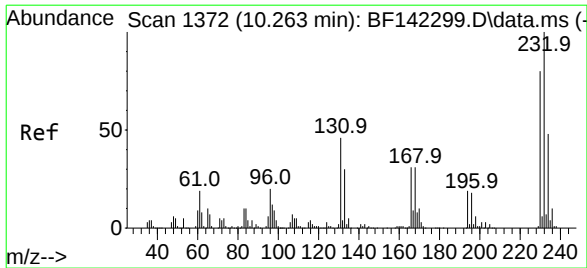
Tgt Ion:	165	Resp:	251924
Ion	Ratio	Lower	Upper
165	100		
63	41.9	37.1	55.7
89	62.9	54.4	81.6
182	2.8	2.2	3.2



#58
Fluorene
Concen: 40.377 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

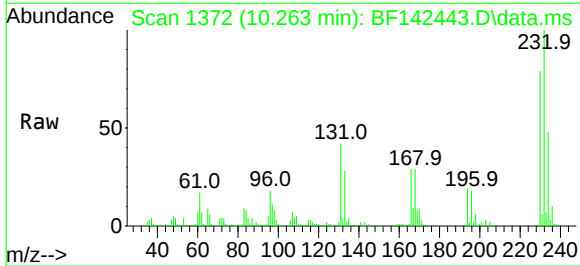
Tgt Ion:	166	Resp:	806873
Ion	Ratio	Lower	Upper
166	100		
165	93.9	74.0	111.0
167	13.5	10.9	16.3



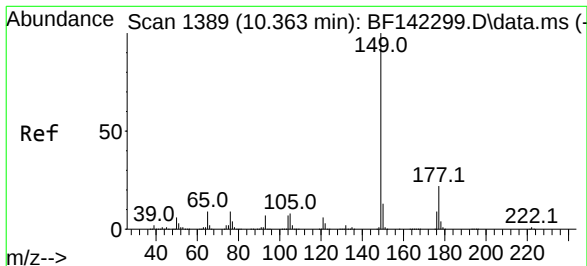
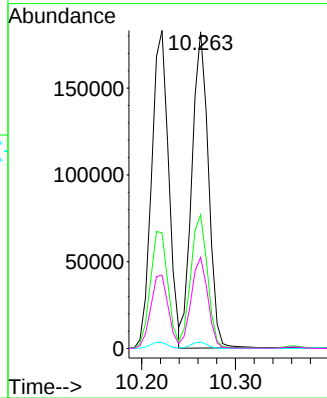
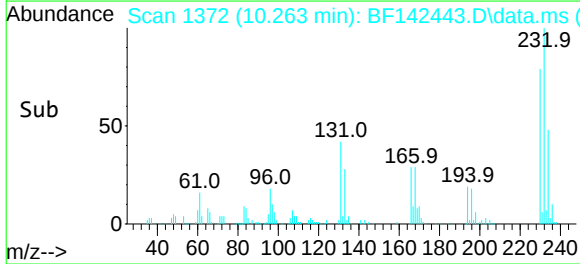


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.717 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

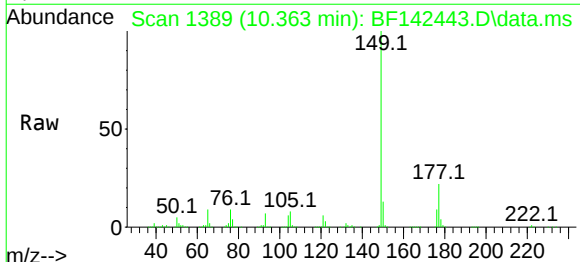
Instrument :
BNA_F
ClientSampleId :
PB168017BS



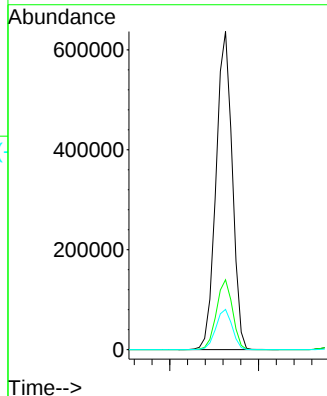
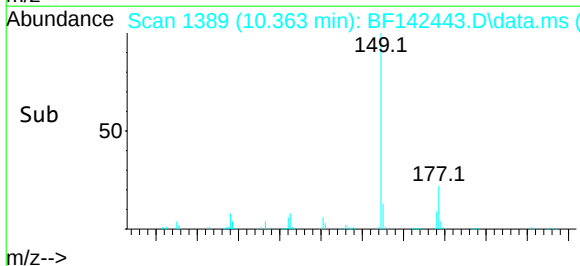
Tgt Ion:232 Resp: 223624
Ion Ratio Lower Upper
232 100
131 43.1 36.0 54.0
130 2.0 1.8 2.6
166 28.8 23.4 35.2

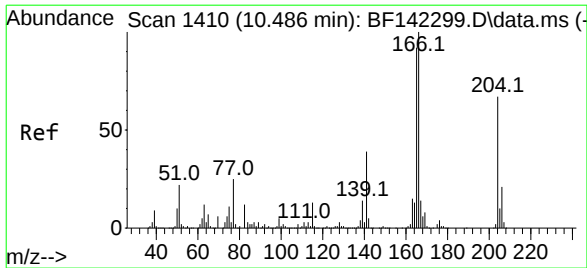


#60
Diethylphthalate
Concen: 40.629 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07



Tgt Ion:149 Resp: 805984
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.6 10.1 15.1

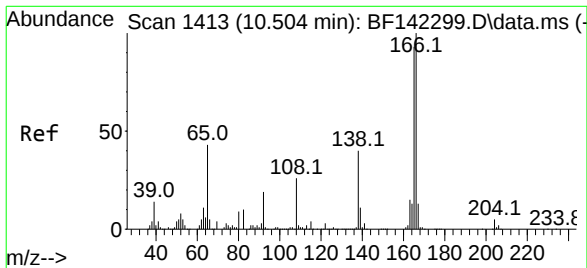
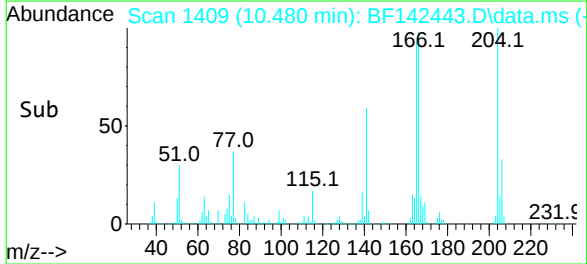
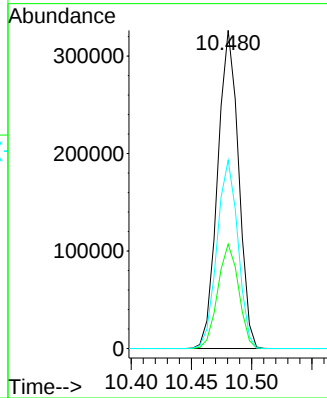
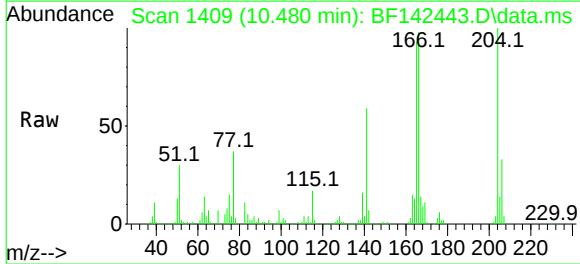




#61
4-Chlorophenyl-phenylether
Concen: 40.839 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

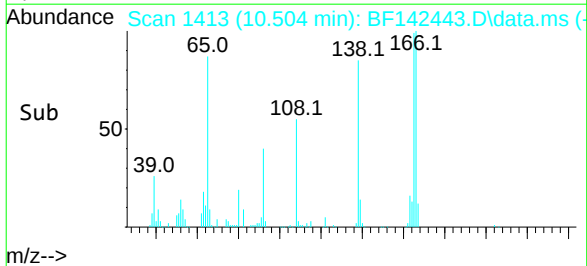
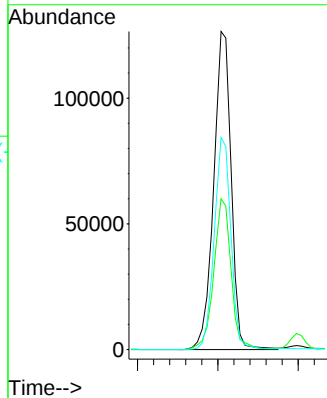
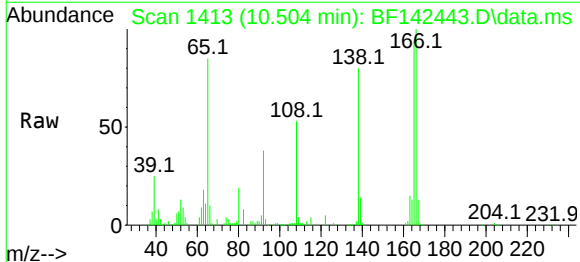
Instrument :
BNA_F
ClientSampleId :
PB168017BS

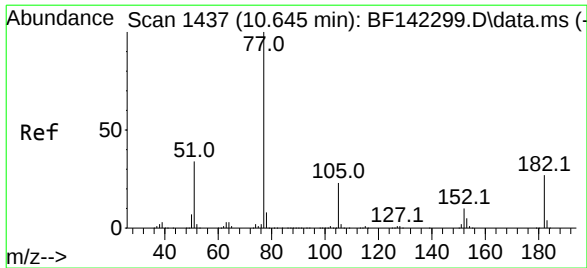
Tgt Ion:	204	Resp:	393737
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.5	38.3
141	59.2	46.4	69.6



#62
4-Nitroaniline
Concen: 55.252 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion:	138	Resp:	190965
Ion Ratio	Lower	Upper	
138	100		
92	47.4	27.3	67.3
108	66.7	45.1	85.1





#63

Azobenzene

Concen: 38.597 ng

RT: 10.639 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS

Tgt Ion: 77 Resp: 731672

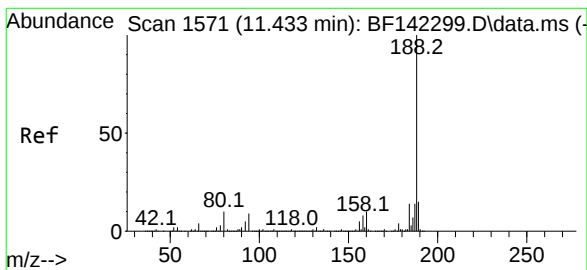
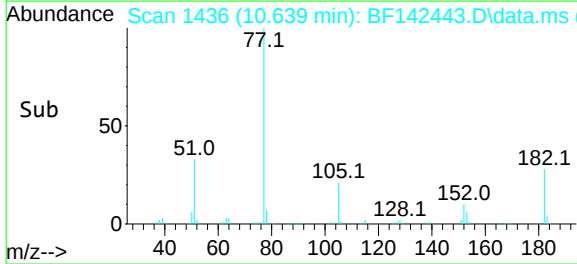
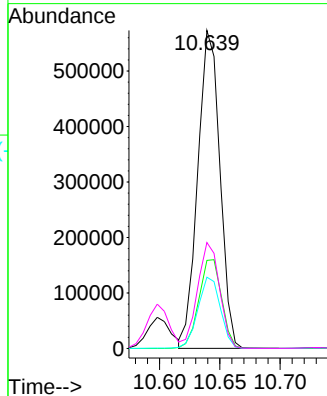
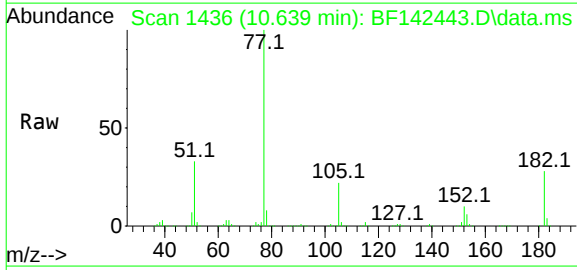
Ion Ratio Lower Upper

77 100

182 27.7 6.9 46.9

105 22.4 2.7 42.7

51 33.3 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

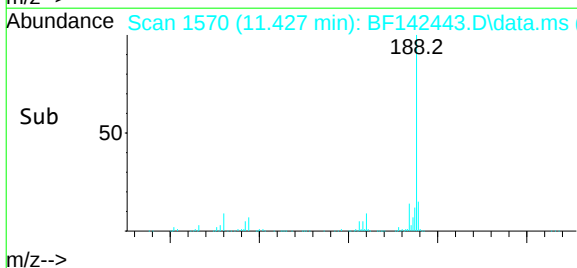
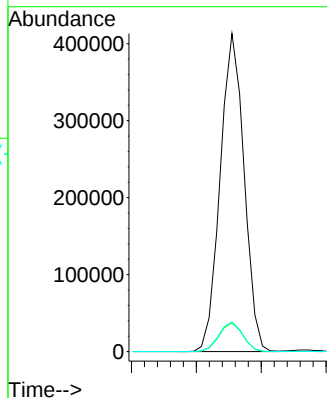
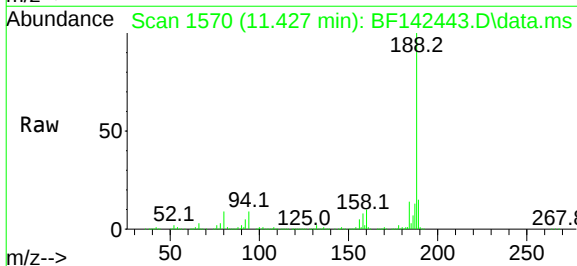
Tgt Ion: 188 Resp: 529488

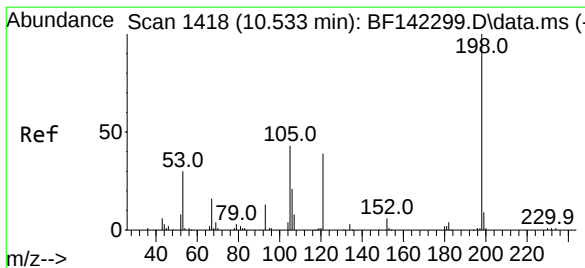
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.3 7.9 11.9

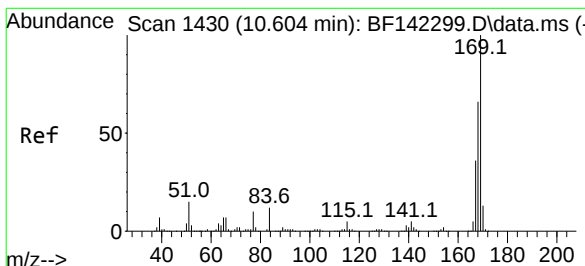
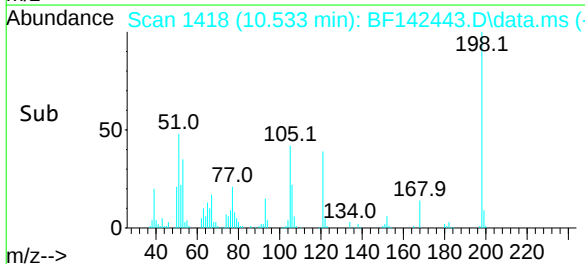
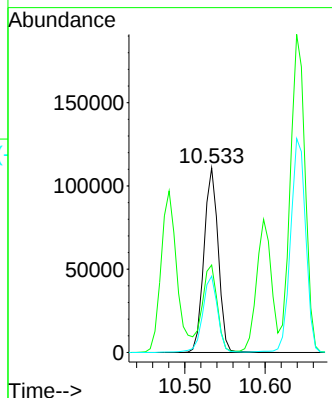
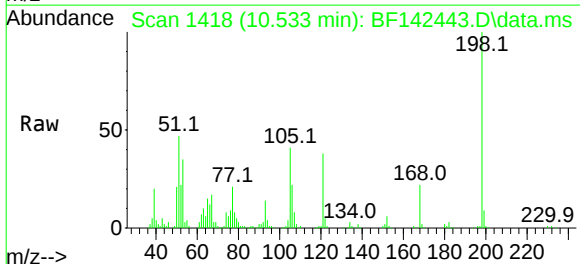




#65
4,6-Dinitro-2-methylphenol
Concen: 54.253 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

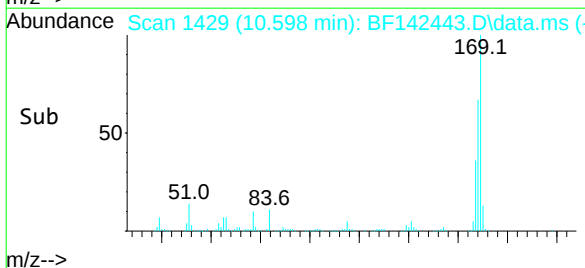
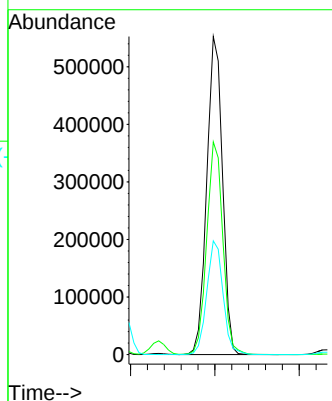
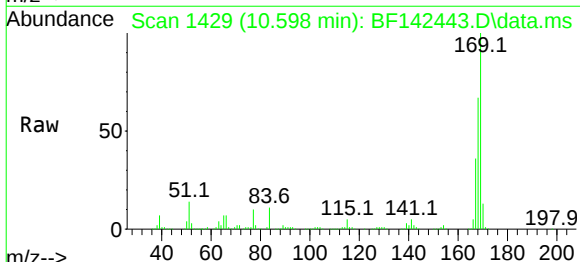
Instrument :
BNA_F
ClientSampleId :
PB168017BS

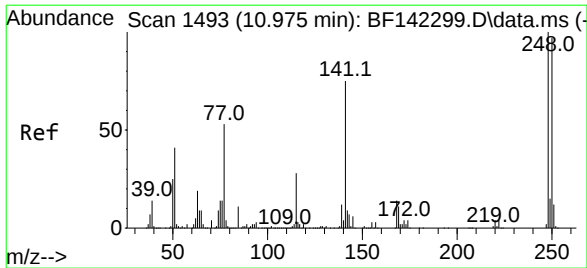
Tgt Ion:198 Resp: 136625
Ion Ratio Lower Upper
198 100
51 47.4 32.9 72.9
105 41.4 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 40.573 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

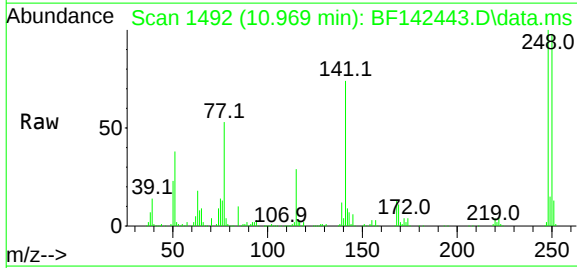
Tgt Ion:169 Resp: 714867
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 35.7 28.9 43.3



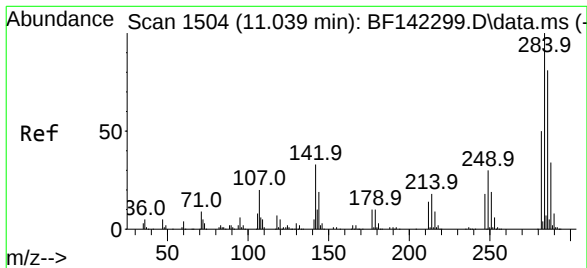
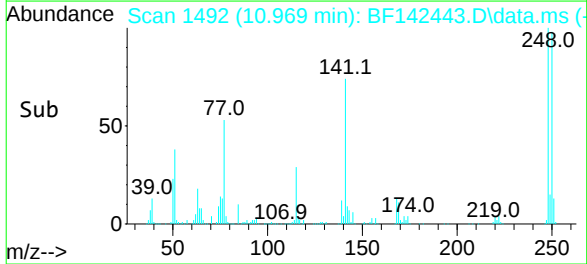
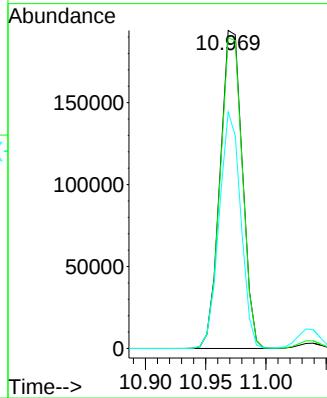


#67
4-Bromophenyl-phenylether
Concen: 41.652 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Instrument :
BNA_F
ClientSampleId :
PB168017BS

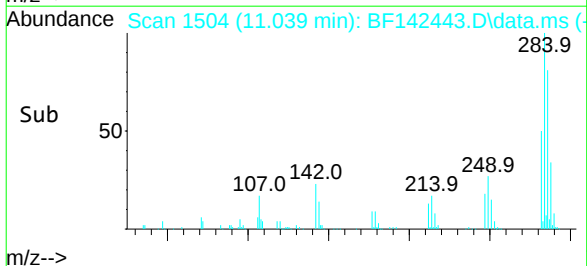
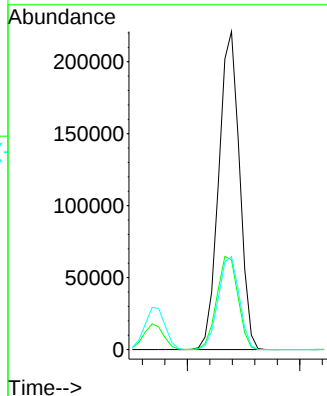
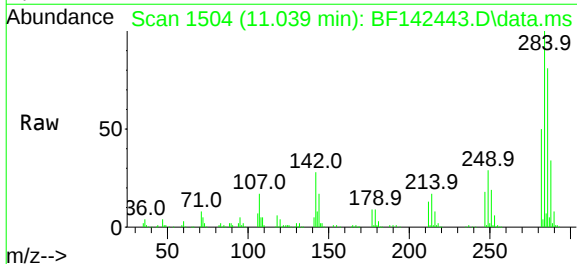


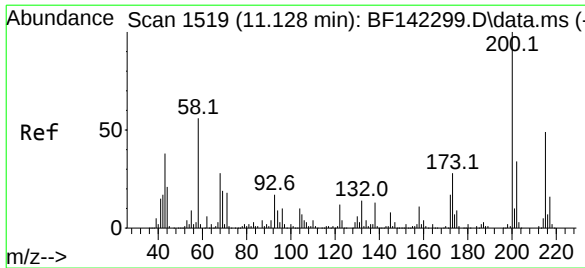
Tgt Ion:248 Resp: 249947
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 74.3 59.8 89.8



#68
Hexachlorobenzene
Concen: 42.873 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion:284 Resp: 282994
Ion Ratio Lower Upper
284 100
142 28.3 26.6 39.8
249 29.2 24.1 36.1





#69

Atrazine

Concen: 45.879 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142443.D

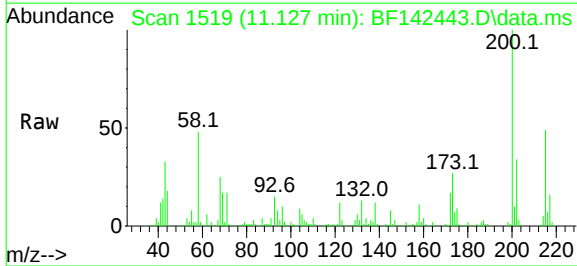
Acq: 19 May 2025 11:07

Instrument :

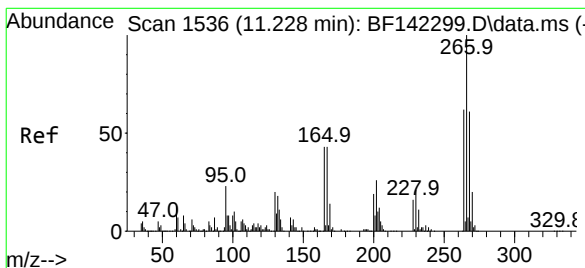
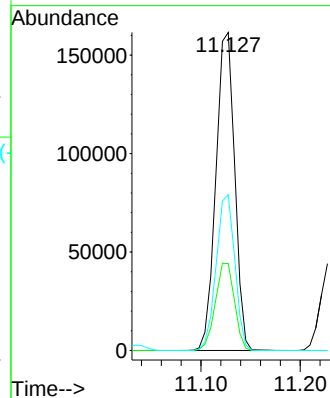
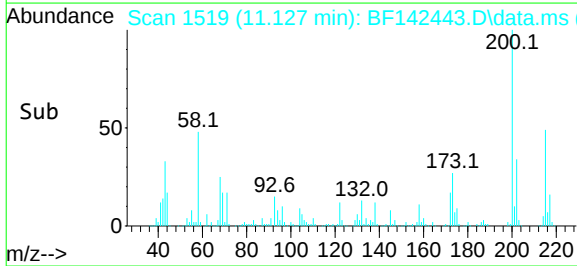
BNA_F

ClientSampleId :

PB168017BS



Tgt Ion:	200	Resp:	213084
Ion Ratio	Lower	Upper	
200	100		
173	27.3	8.1	48.1
215	49.0	28.8	68.8



#70

Pentachlorophenol

Concen: 98.673 ng

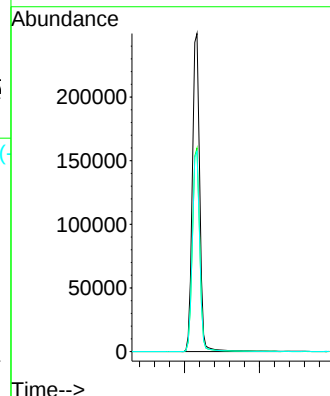
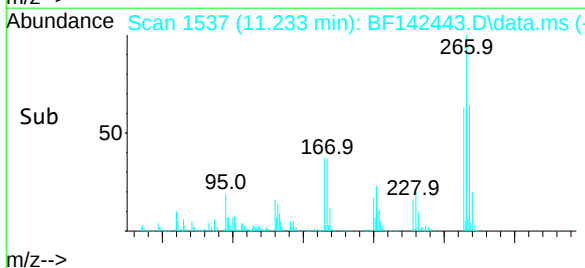
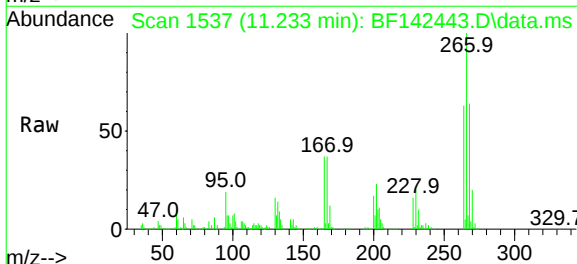
RT: 11.233 min Scan# 1537

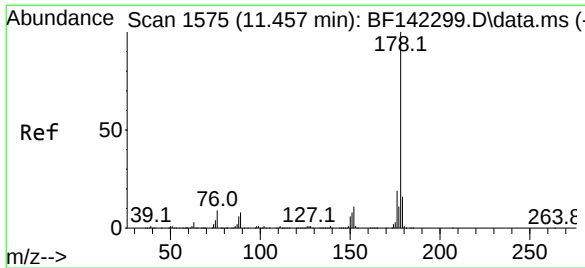
Delta R.T. 0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Tgt Ion:	266	Resp:	342643
Ion Ratio	Lower	Upper	
266	100		
268	64.0	48.7	73.1
264	62.9	49.8	74.6

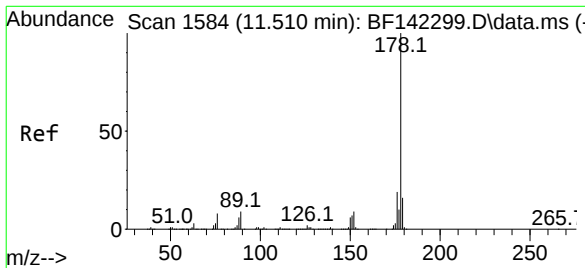
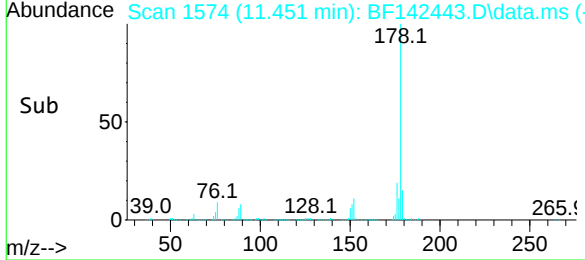
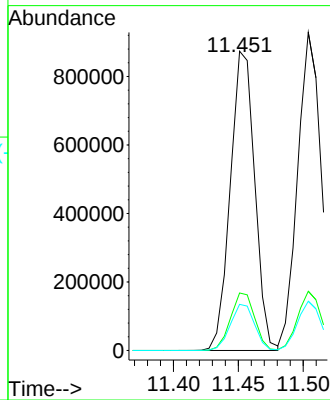
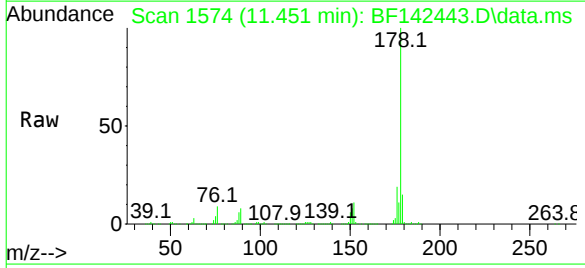




#71
Phenanthrene
Concen: 41.286 ng
RT: 11.451 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

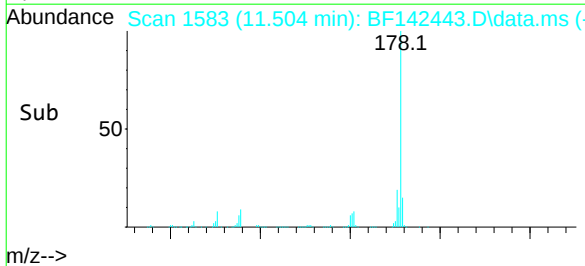
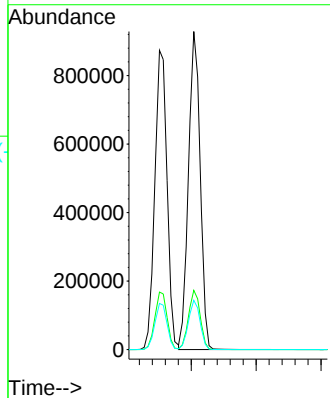
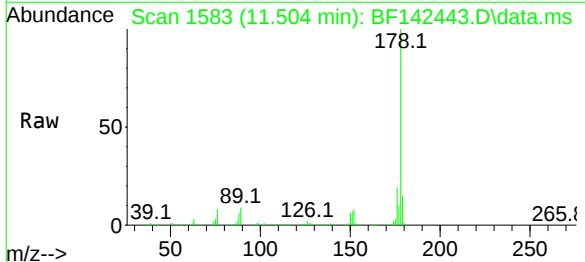
Instrument :
BNA_F
ClientSampleId :
PB168017BS

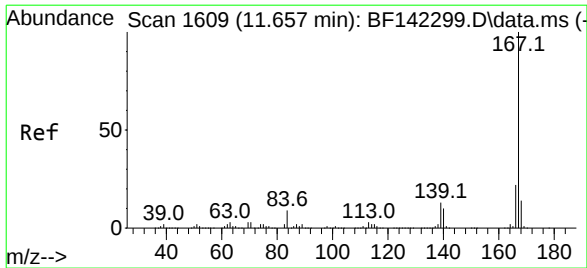
Tgt Ion:178 Resp: 1145863
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.6 18.8



#72
Anthracene
Concen: 40.872 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142443.D
Acq: 19 May 2025 11:07

Tgt Ion:178 Resp: 1165588
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.5 12.6 18.8





#73

Carbazole

Concen: 40.971 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF142443.D

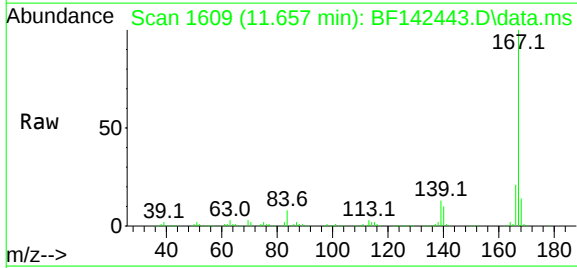
Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS



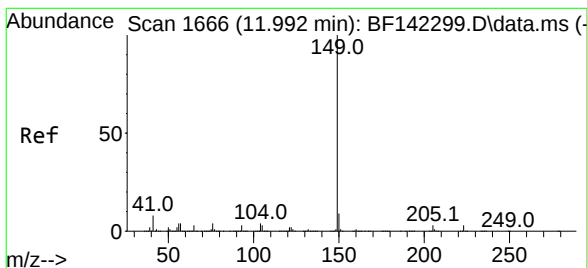
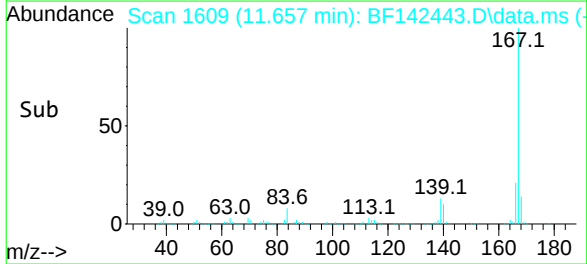
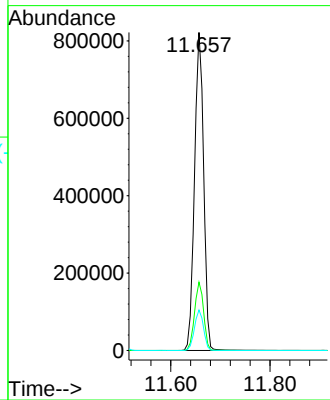
Tgt Ion:167 Resp: 1048242

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 42.141 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

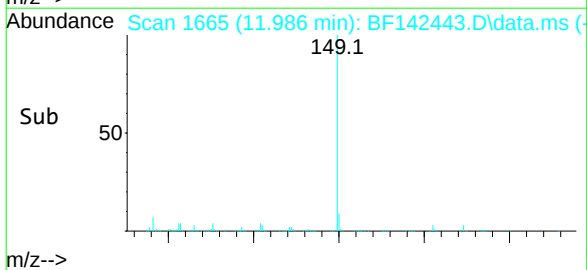
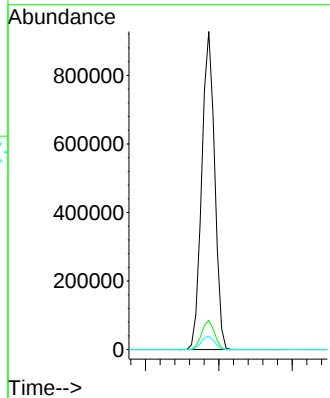
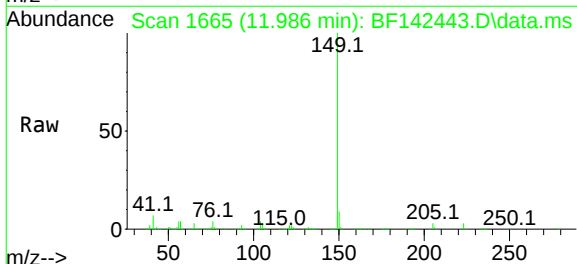
Tgt Ion:149 Resp: 1133741

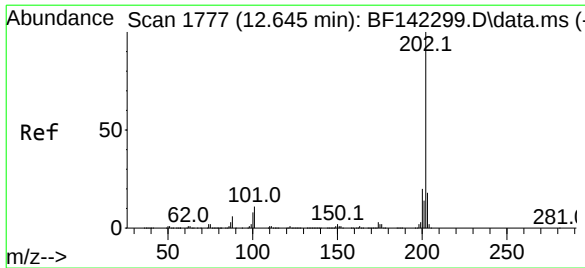
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 40.457 ng

RT: 12.639 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS

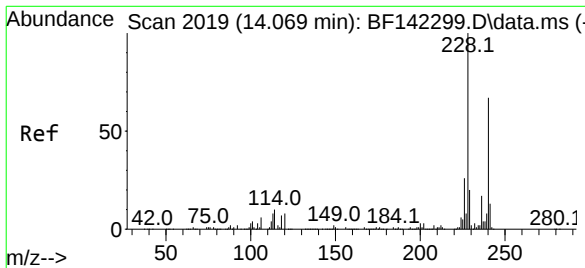
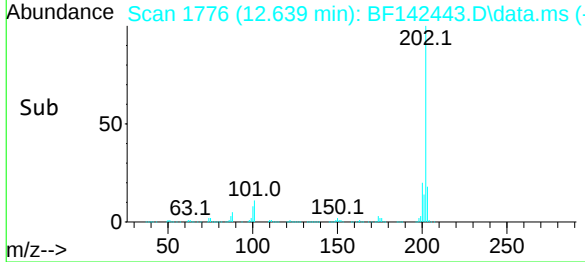
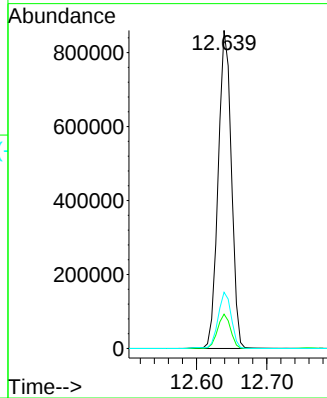
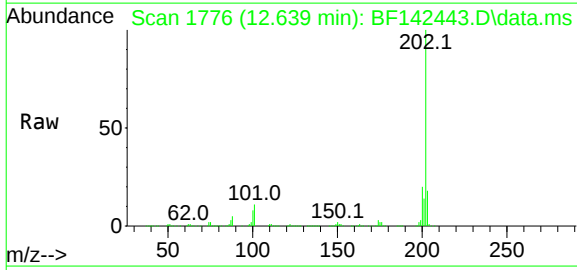
Tgt Ion:202 Resp: 1122434

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

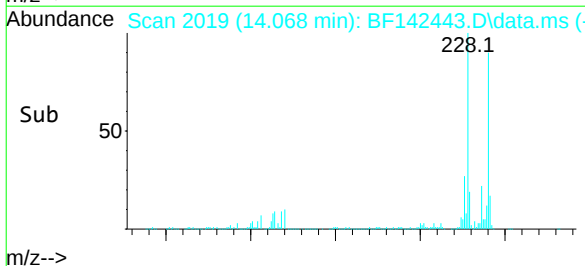
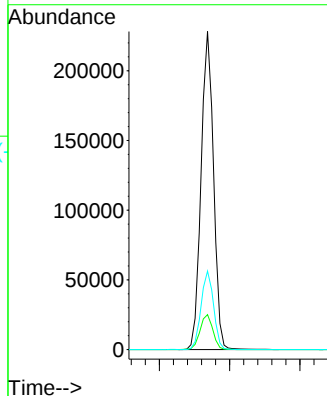
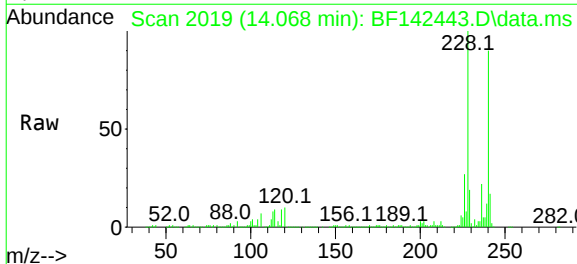
Tgt Ion:240 Resp: 280552

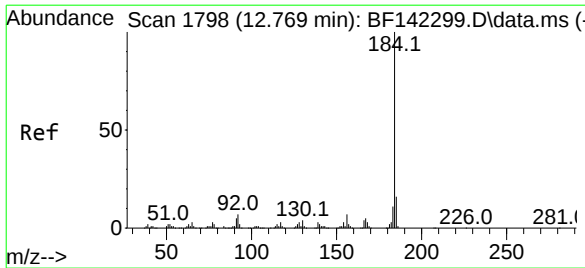
Ion Ratio Lower Upper

240 100

120 11.0 9.7 14.5

236 24.7 20.0 30.0





#77

Benzidine

Concen: 75.939 ng

RT: 12.763 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS

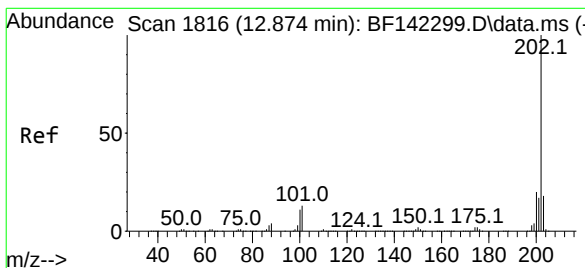
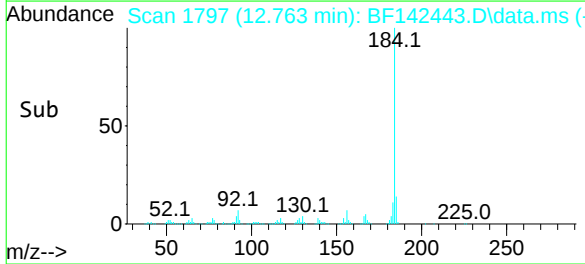
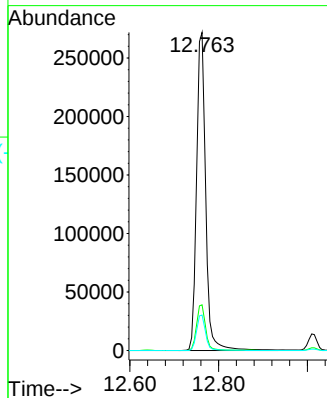
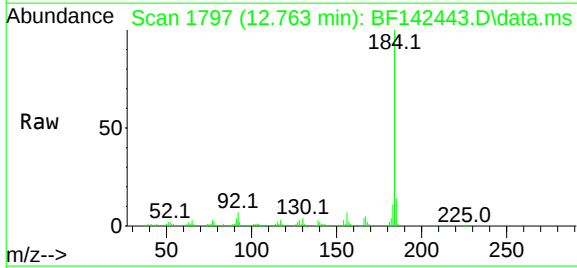
Tgt Ion:184 Resp: 387170

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

183 11.1 8.6 12.8



#78

Pyrene

Concen: 44.052 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

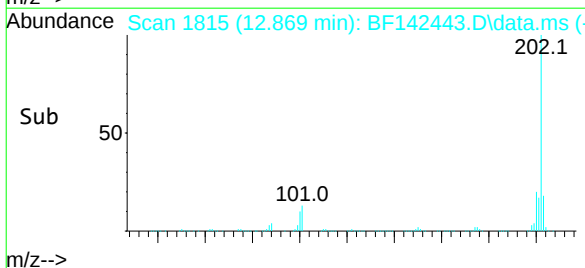
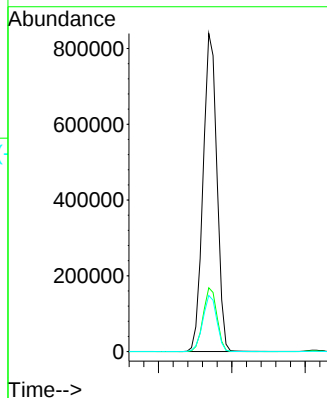
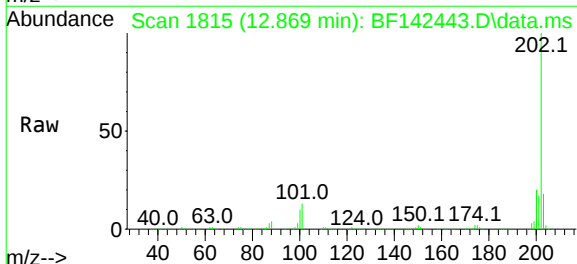
Tgt Ion:202 Resp: 1100072

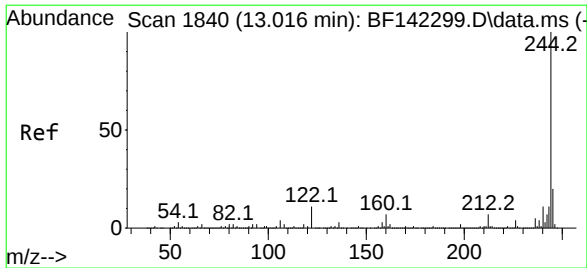
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

203 17.6 14.3 21.5

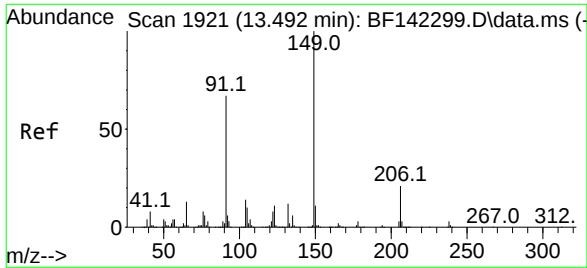
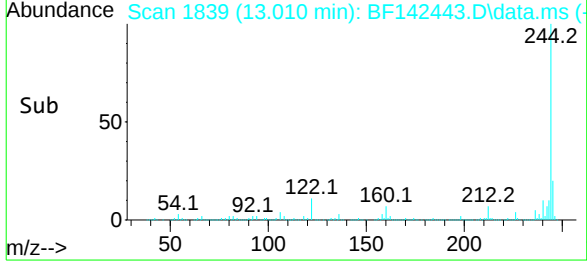
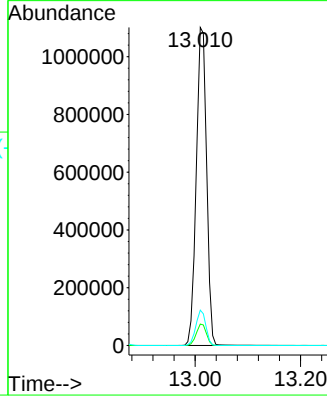
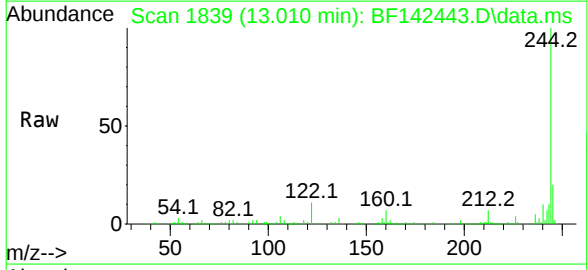




#79
 Terphenyl-d14
 Concen: 78.941 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

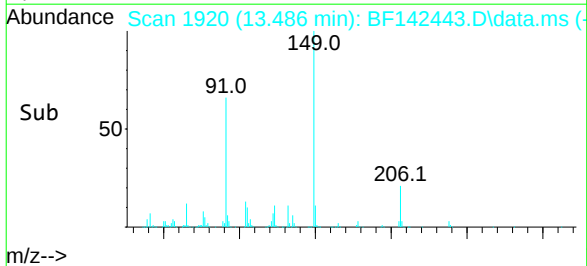
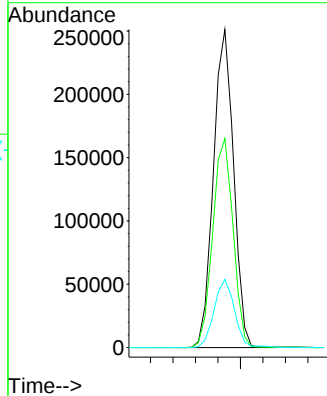
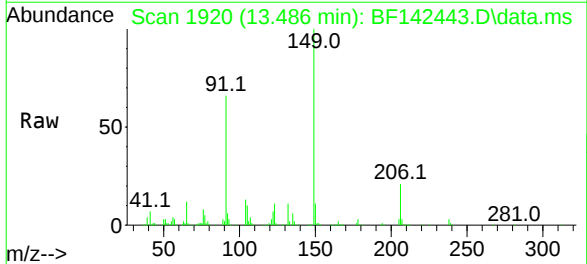
Instrument :
 BNA_F
 ClientSampleId :
 PB168017BS

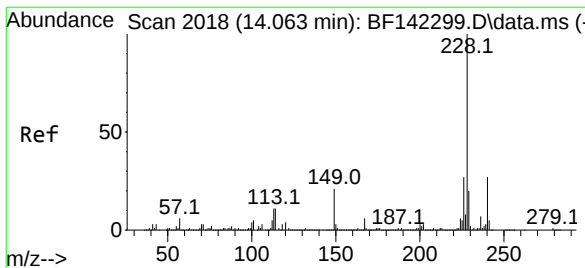
Tgt Ion:244 Resp: 1496317
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.1 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 43.360 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

Tgt Ion:149 Resp: 313200
 Ion Ratio Lower Upper
 149 100
 91 65.7 53.8 80.6
 206 21.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 42.581 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142443.D

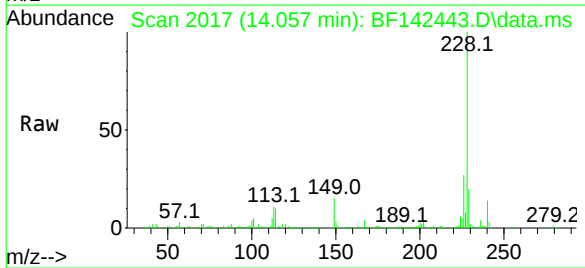
Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS



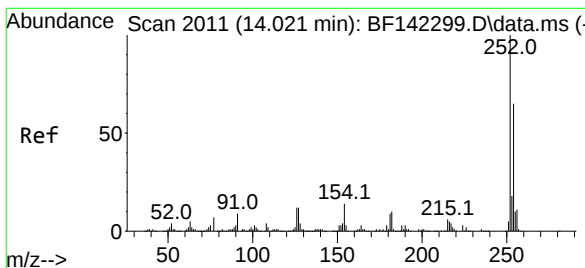
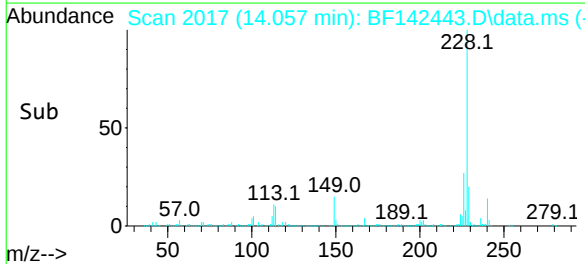
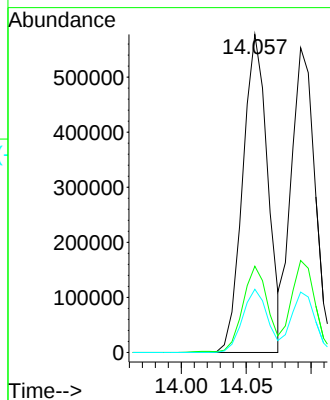
Tgt Ion:228 Resp: 773645

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 37.894 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

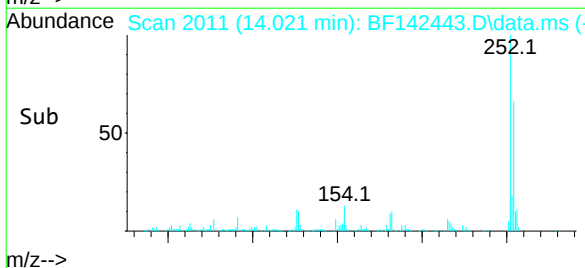
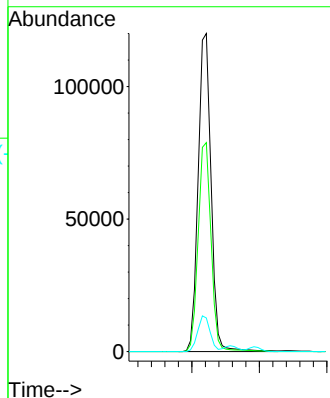
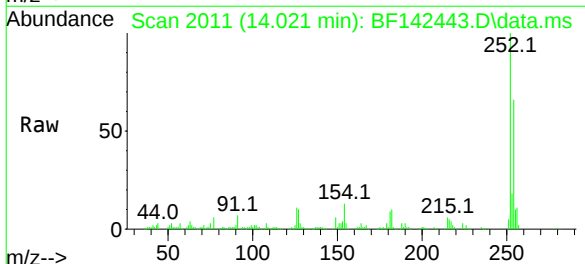
Tgt Ion:252 Resp: 160108

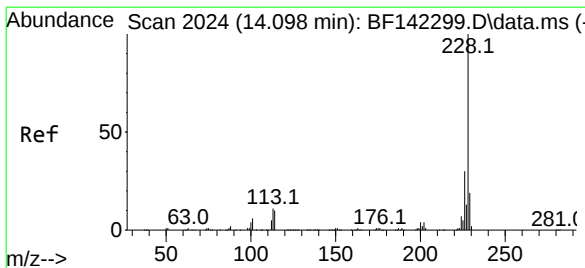
Ion Ratio Lower Upper

252 100

254 65.7 52.0 78.0

126 10.6 9.7 14.5





#83

Chrysene

Concen: 41.740 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS

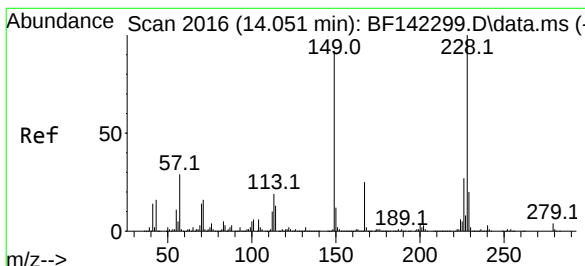
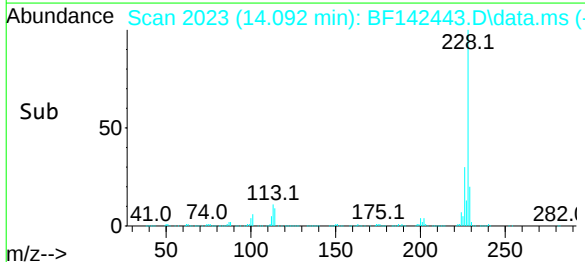
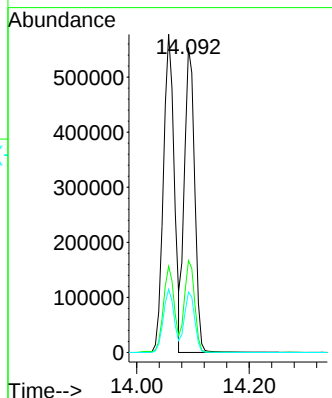
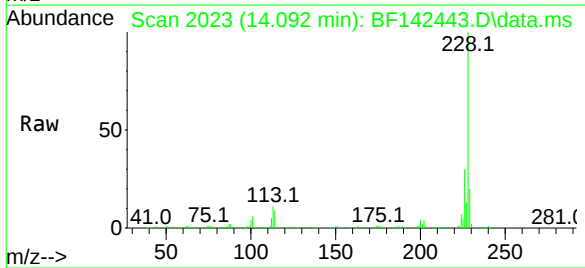
Tgt Ion:228 Resp: 705990

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.908 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

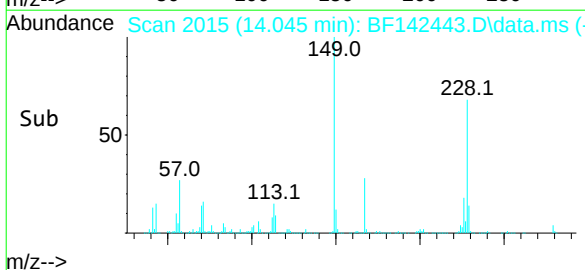
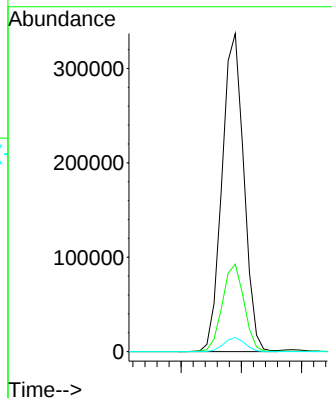
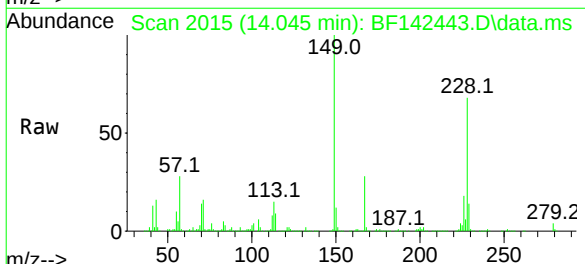
Tgt Ion:149 Resp: 423356

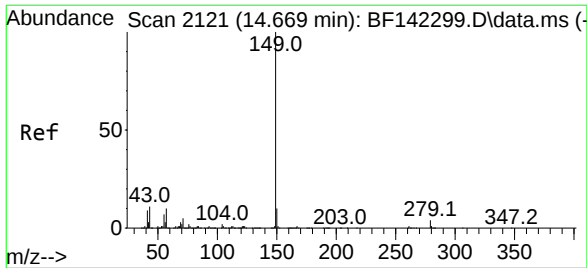
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.876 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142443.D

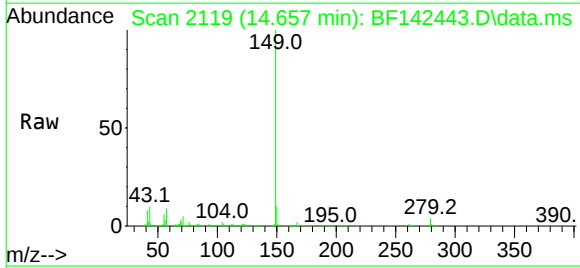
Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS



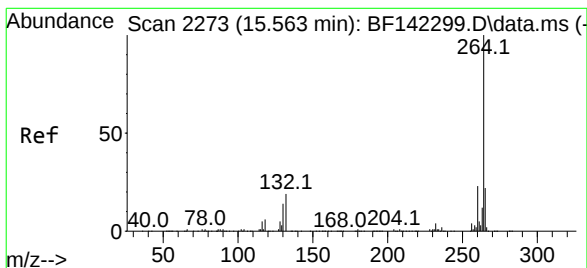
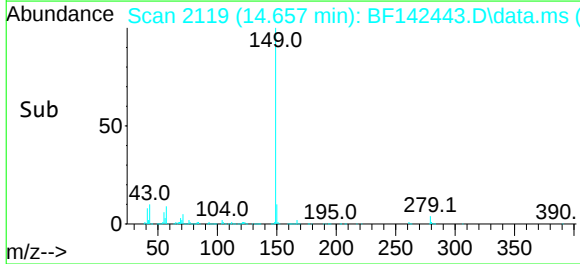
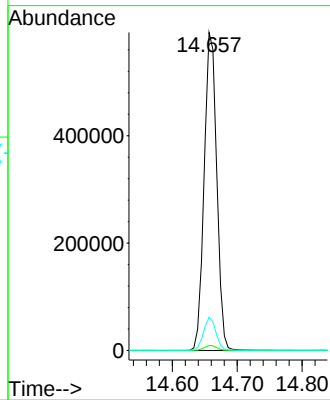
Tgt Ion:149 Resp: 798349

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.1 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

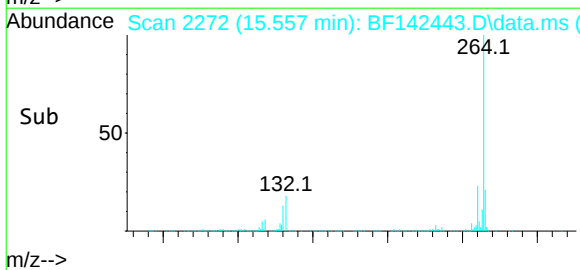
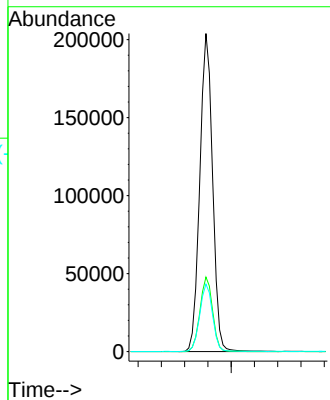
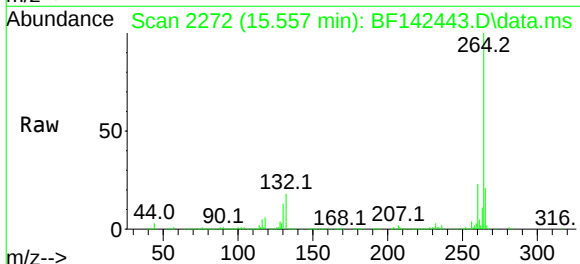
Tgt Ion:264 Resp: 310677

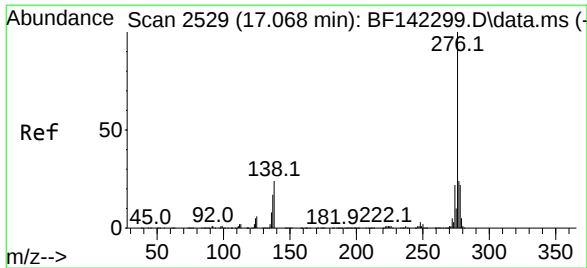
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.2 17.5 26.3

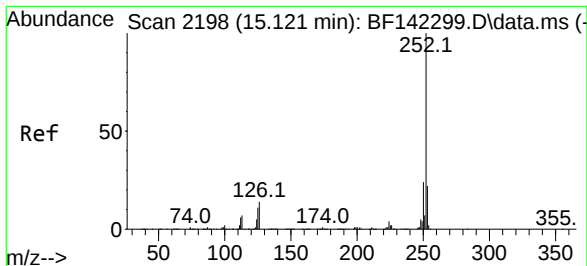
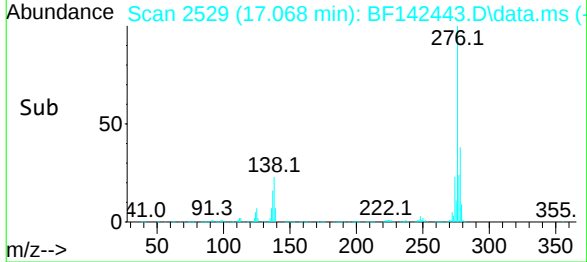
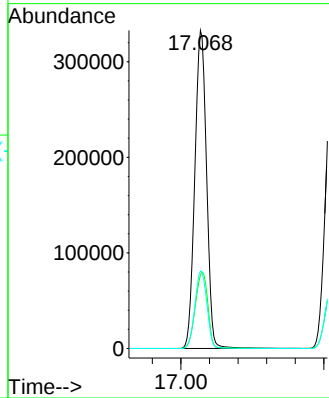
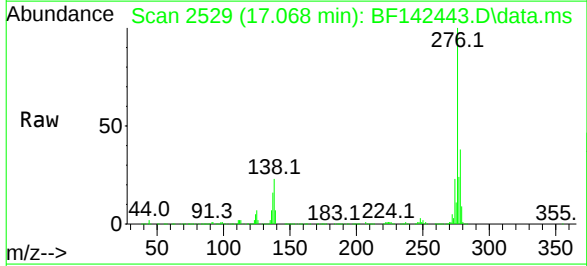




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.884 ng
 RT: 17.068 min Scan# 2529
 Delta R.T. -0.000 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

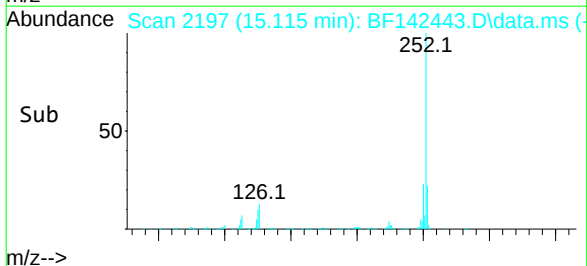
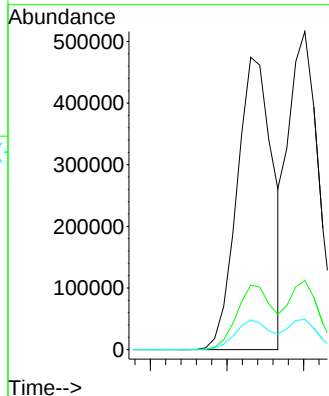
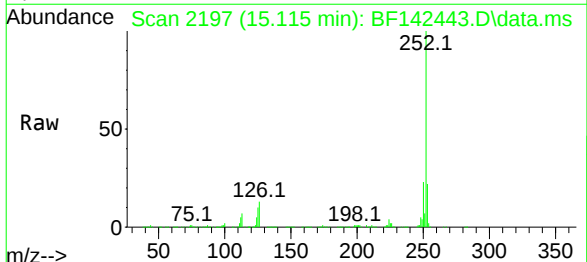
Instrument :
 BNA_F
 ClientSampleId :
 PB168017BS

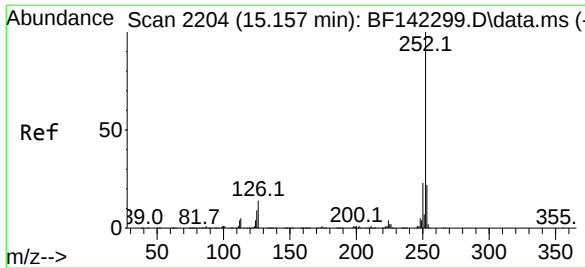
Tgt Ion:	276	Resp:	948414
Ion	Ratio	Lower	Upper
276	100		
138	25.5	22.0	33.0
277	25.0	20.1	30.1



#88
 Benzo(b)fluoranthene
 Concen: 40.595 ng
 RT: 15.115 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF142443.D
 Acq: 19 May 2025 11:07

Tgt Ion:	252	Resp:	763845
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 40.964 ng

RT: 15.151 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB168017BS

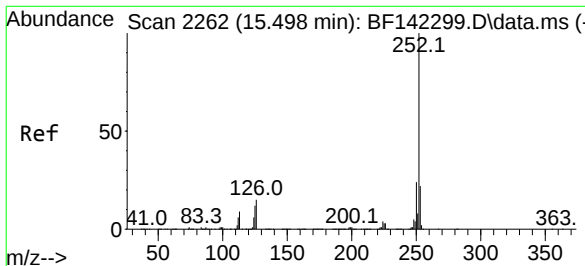
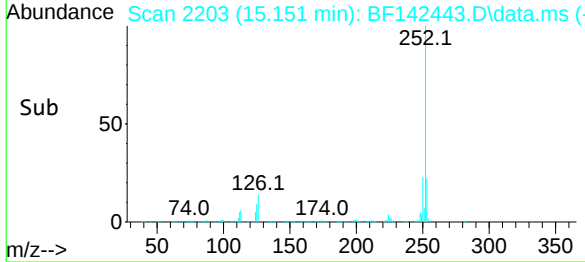
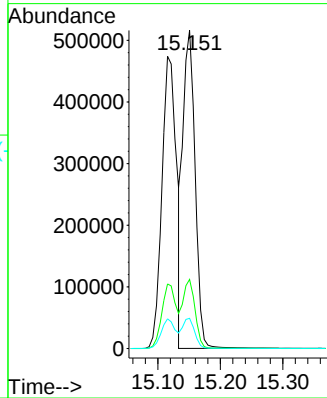
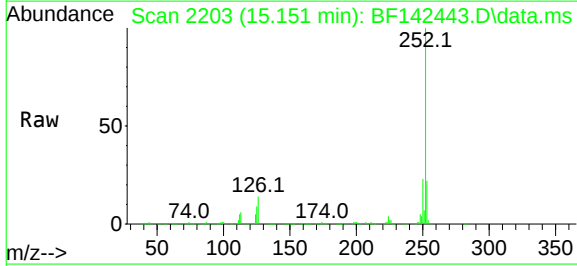
Tgt Ion:252 Resp: 705375

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.5 8.1 12.1



#90

Benzo(a)pyrene

Concen: 43.331 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

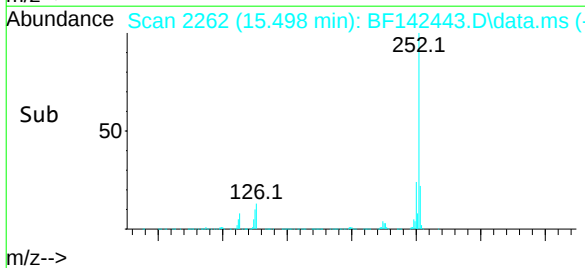
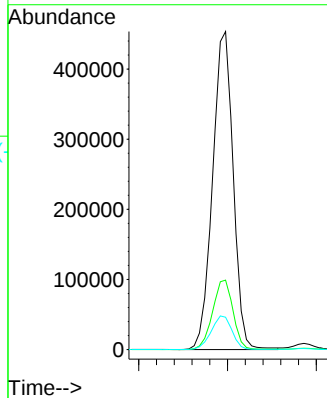
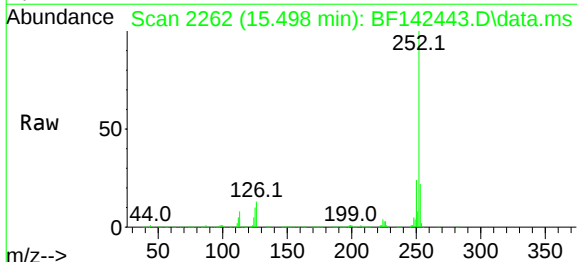
Tgt Ion:252 Resp: 730625

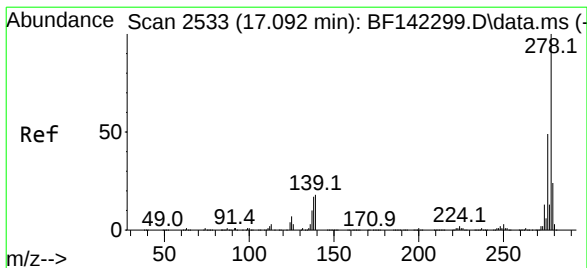
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.2 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 42.951 ng

RT: 17.086 min Scan# 2533

Delta R.T. -0.006 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

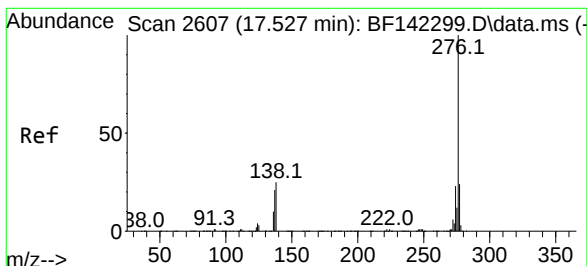
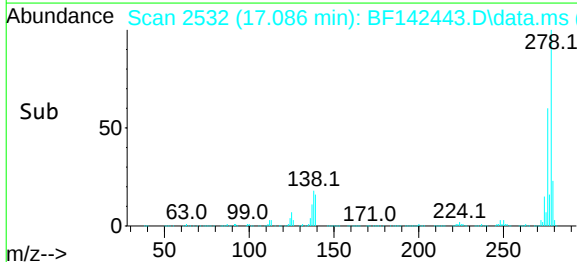
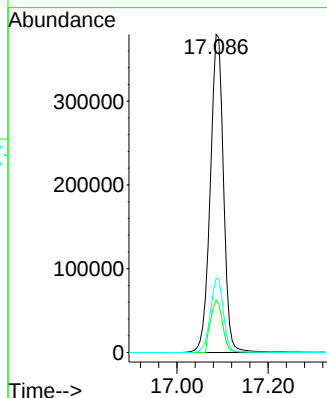
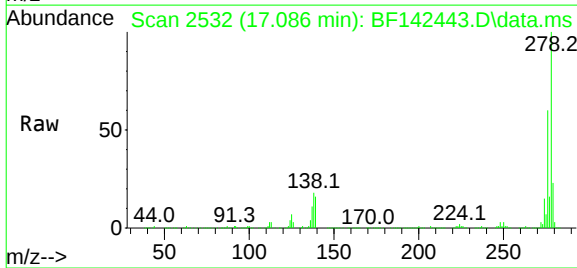
Instrument :

BNA_F

ClientSampleId :

PB168017BS

Tgt Ion:	278	Resp:	766863
Ion Ratio	Lower	Upper	
278	100		
139	16.4	14.5	21.7
279	23.4	18.9	28.3



#92

Benzo(g,h,i)perylene

Concen: 42.862 ng

RT: 17.527 min Scan# 2607

Delta R.T. -0.000 min

Lab File: BF142443.D

Acq: 19 May 2025 11:07

Tgt Ion:	276	Resp:	759540
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.0	28.6
138	21.2	19.8	29.6

