

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141581.D
 Acq On : 12 Feb 2025 11:17
 Operator : RC/JU
 Sample : PB166679BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166679BS

Quant Time: Feb 12 11:39:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	95276	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	379330	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	209294	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	365418	20.000	ng	0.00
76) Chrysene-d12	13.957	240	250519	20.000	ng	0.00
86) Perylene-d12	15.410	264	212201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	785306	129.220	ng	0.01
7) Phenol-d6	6.434	99	980874	127.699	ng	0.00
23) Nitrobenzene-d5	7.357	82	653822	89.901	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	291960	138.866	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1253855	92.298	ng	0.00
79) Terphenyl-d14	12.898	244	1470870	99.118	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	96079	39.281	ng	99
3) Pyridine	3.316	79	224316	38.539	ng	97
4) n-Nitrosodimethylamine	3.257	42	151599	39.335	ng	95
6) Aniline	6.451	93	249185	34.584	ng	85
8) 2-Chlorophenol	6.575	128	278929	42.476	ng	99
9) Benzaldehyde	6.340	77	153098	37.508	ng	100
10) Phenol	6.445	94	324827	40.631	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	253719	42.252	ng	100
12) 1,3-Dichlorobenzene	6.728	146	286589	41.339	ng	98
13) 1,4-Dichlorobenzene	6.804	146	291966	41.220	ng	99
14) 1,2-Dichlorobenzene	6.957	146	283834	43.175	ng	98
15) Benzyl Alcohol	6.934	79	244451	41.501	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	427542	41.593	ng	83
17) 2-Methylphenol	7.051	107	218940	42.605	ng	98
18) Hexachloroethane	7.298	117	110220	42.046	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	192206	41.833	ng	99
20) 3+4-Methylphenols	7.204	107	277217	42.448	ng	97
22) Acetophenone	7.198	105	428542	45.415	ng	97
24) Nitrobenzene	7.375	77	290179	40.918	ng	98
25) Isophorone	7.610	82	527472	45.487	ng	99
26) 2-Nitrophenol	7.687	139	150553	42.670	ng	95
27) 2,4-Dimethylphenol	7.728	122	223655	54.261	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	319634	43.016	ng	99
29) 2,4-Dichlorophenol	7.934	162	232603	41.767	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	250717	41.341	ng	99
31) Naphthalene	8.092	128	800875	40.560	ng	100
32) Benzoic acid	7.869	122	180370	42.129	ng	99
33) 4-Chloroaniline	8.145	127	126906	18.408	ng	98
34) Hexachlorobutadiene	8.204	225	156945	43.107	ng	99
35) Caprolactam	8.557	113	34266	20.208	ng	93
36) 4-Chloro-3-methylphenol	8.634	107	260095	42.162	ng	98
37) 2-Methylnaphthalene	8.781	142	515725	40.137	ng	100
38) 1-Methylnaphthalene	8.881	142	503660	40.472	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	279568	46.170	ng	98
41) Hexachlorocyclopentadiene	8.934	237	288643	143.319	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	166240	42.478	ng	100

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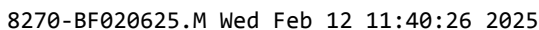
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	181075	42.693	ng	98
46) 1,1'-Biphenyl	9.251	154	750917	46.278	ng	100
47) 2-Chloronaphthalene	9.275	162	510608	42.555	ng	99
48) 2-Nitroaniline	9.369	65	172080	42.734	ng	100
49) Acenaphthylene	9.686	152	795884	44.595	ng	100
50) Dimethylphthalate	9.551	163	625669	44.035	ng	100
51) 2,6-Dinitrotoluene	9.616	165	138257	44.512	ng	96
52) Acenaphthene	9.857	154	498383	41.538	ng	99
53) 3-Nitroaniline	9.781	138	84289	25.213	ng	97
54) 2,4-Dinitrophenol	9.898	184	164433	89.074	ng	95
55) Dibenzofuran	10.033	168	721322	40.958	ng	99
56) 4-Nitrophenol	9.963	139	214983	86.629	ng	95
57) 2,4-Dinitrotoluene	10.022	165	185553	44.875	ng	99
58) Fluorene	10.375	166	584631	42.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	155687	42.636	ng	97
60) Diethylphthalate	10.251	149	603079	43.141	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	285010	43.507	ng	98
62) 4-Nitroaniline	10.398	138	143467	42.264	ng	98
63) Azobenzene	10.528	77	572393	41.187	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	111069	43.756	ng	94
66) n-Nitrosodiphenylamine	10.486	169	513508	43.899	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	177769	43.528	ng	99
68) Hexachlorobenzene	10.922	284	185989	44.226	ng	98
69) Atrazine	11.016	200	204558	58.291	ng	99
70) Pentachlorophenol	11.122	266	219112	81.483	ng	99
71) Phenanthrene	11.339	178	872285	43.366	ng	100
72) Anthracene	11.386	178	898842	44.453	ng	100
73) Carbazole	11.545	167	782274	42.997	ng	100
74) Di-n-butylphthalate	11.874	149	938939	44.695	ng	100
75) Fluoranthene	12.527	202	906330	42.500	ng	99
77) Benzidine	12.645	184	300401	54.371	ng	99
78) Pyrene	12.757	202	914169	42.867	ng	100
80) Butylbenzylphthalate	13.374	149	349154	47.268	ng	99
81) Benzo(a)anthracene	13.945	228	737087	44.262	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	139513	29.246	ng	99
83) Chrysene	13.980	228	664274	43.201	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	428517	51.436	ng	99
85) Di-n-octyl phthalate	14.551	149	638253	53.703	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	630429	48.081	ng	99
88) Benzo(b)fluoranthene	14.992	252	593433	41.649	ng	100
89) Benzo(k)fluoranthene	15.021	252	536050	44.059	ng	100
90) Benzo(a)pyrene	15.351	252	530366	46.002	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	507829	47.799	ng	99
92) Benzo(g,h,i)perylene	17.286	276	496816	44.686	ng	99

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

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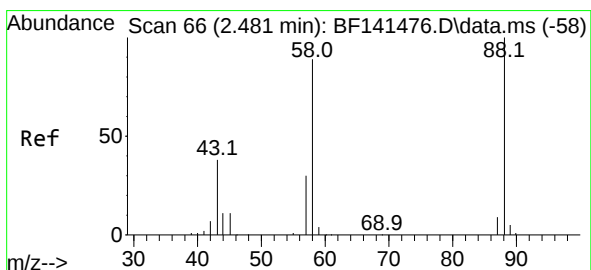
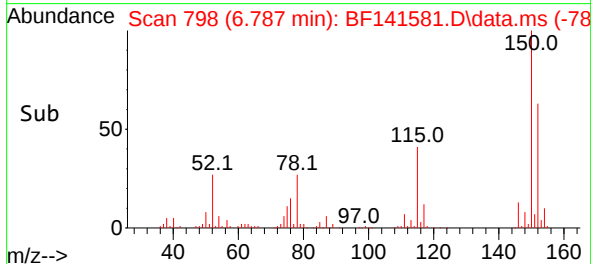
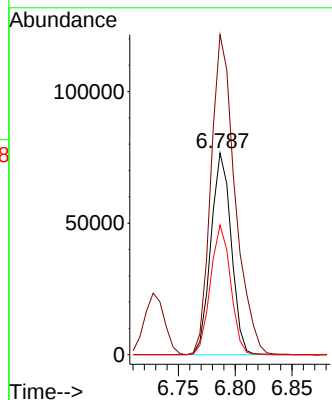
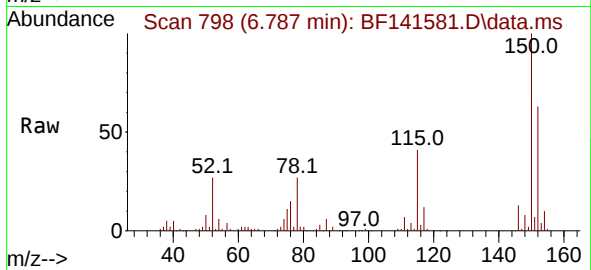




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

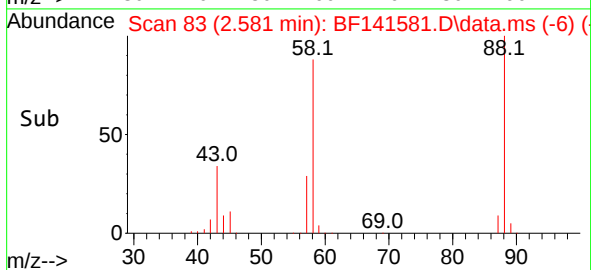
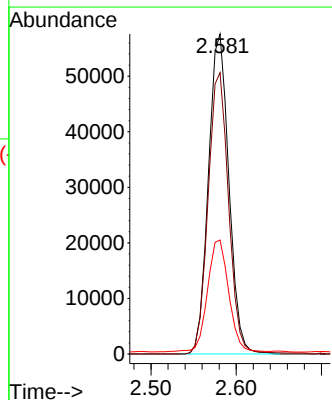
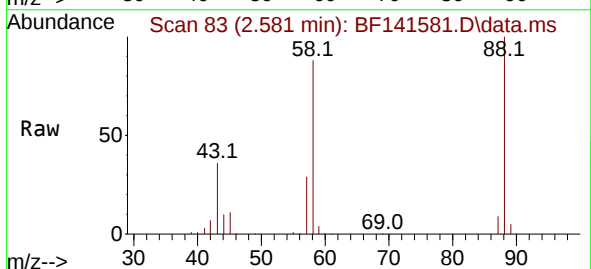
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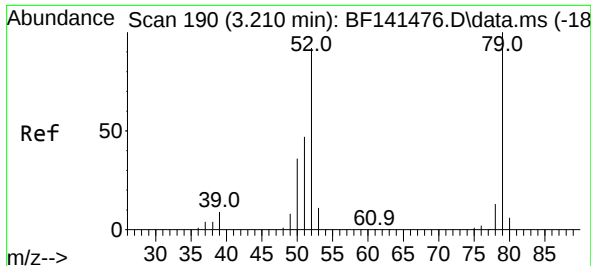
Tgt Ion:152 Resp: 95276
Ion Ratio Lower Upper
152 100
150 158.6 125.0 187.4
115 64.2 53.6 80.4



#2
1,4-Dioxane
Concen: 39.281 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.100 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion: 88 Resp: 96079
Ion Ratio Lower Upper
88 100
58 88.5 71.1 106.7
43 36.2 30.6 46.0





#3

Pyridine

Concen: 38.539 ng

RT: 3.316 min Scan# 20

Delta R.T. 0.100 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB166679BS

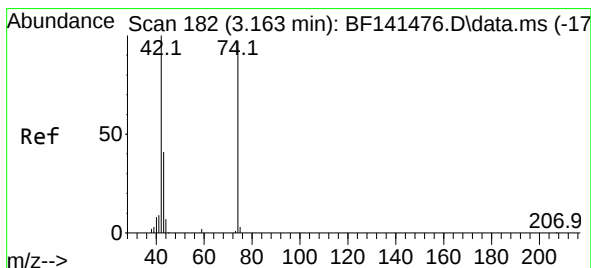
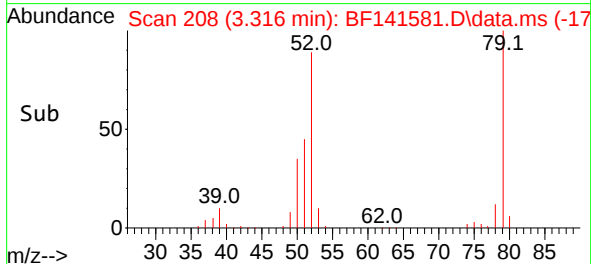
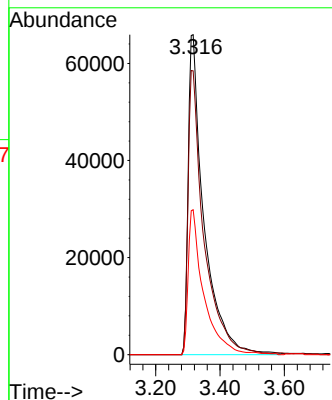
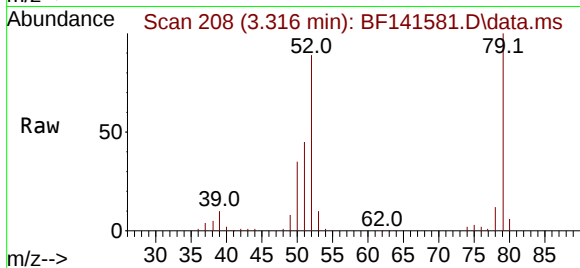
Tgt Ion: 79 Resp: 224316

Ion Ratio Lower Upper

79 100

52 88.7 73.7 110.5

51 45.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.335 ng

RT: 3.257 min Scan# 198

Delta R.T. 0.071 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

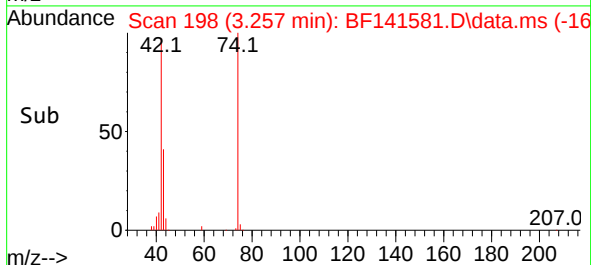
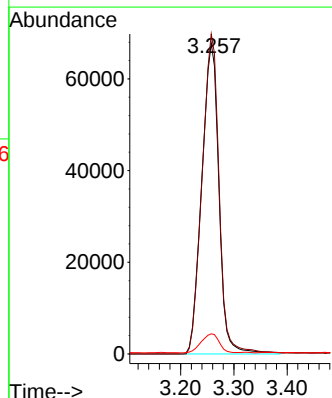
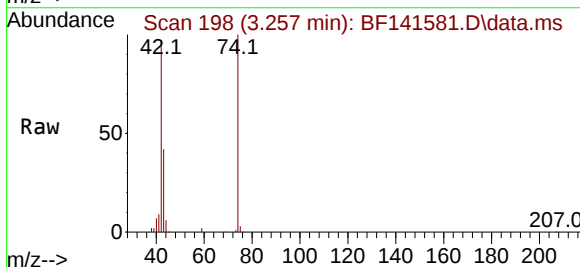
Tgt Ion: 42 Resp: 151599

Ion Ratio Lower Upper

42 100

74 102.9 78.0 117.0

44 6.5 5.4 8.2

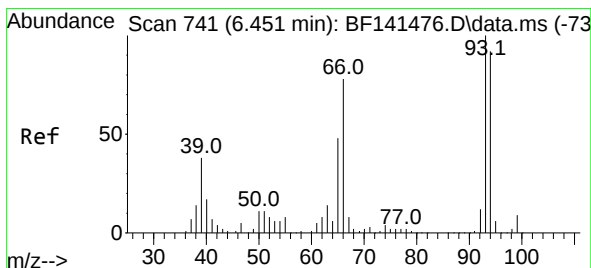
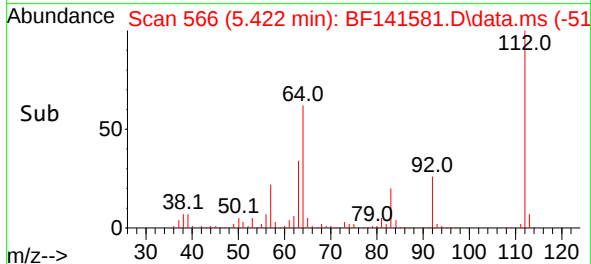
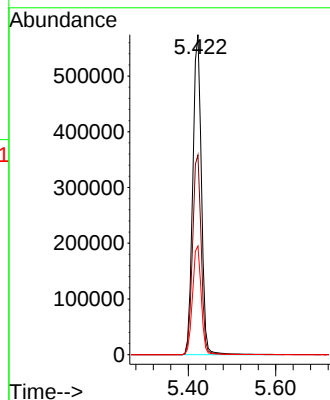
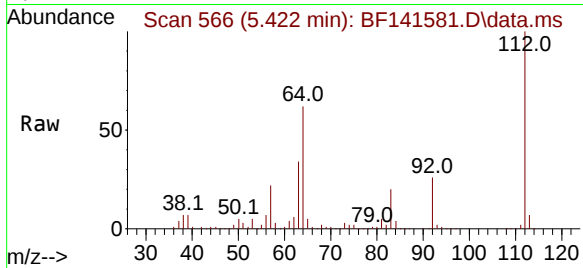




#5
2-Fluorophenol
Concen: 129.220 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

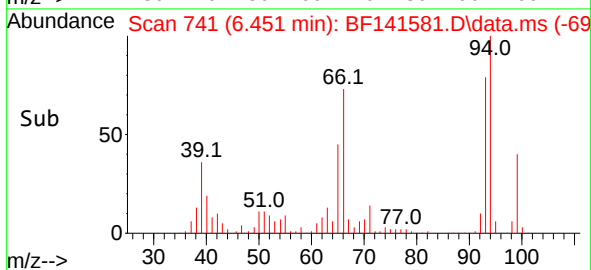
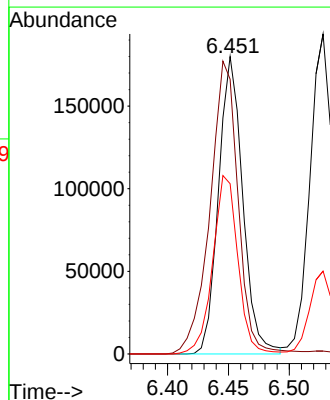
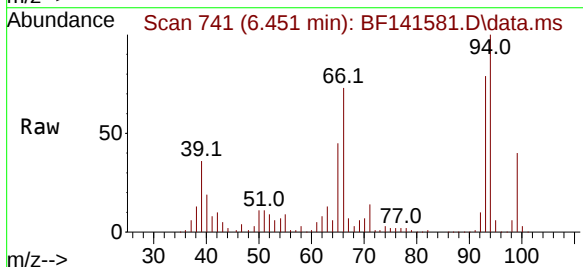
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Tgt Ion:112 Resp: 785306
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 34.0 28.4 42.6



#6
Aniline
Concen: 34.584 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion: 93 Resp: 249185
Ion Ratio Lower Upper
93 100
66 92.4 62.6 94.0
65 57.2 38.3 57.5

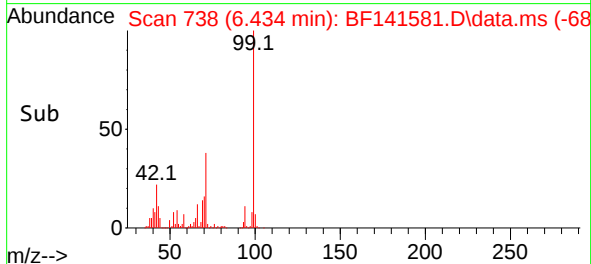
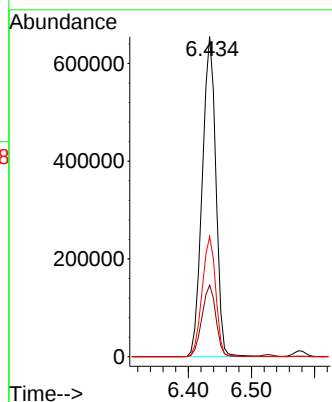
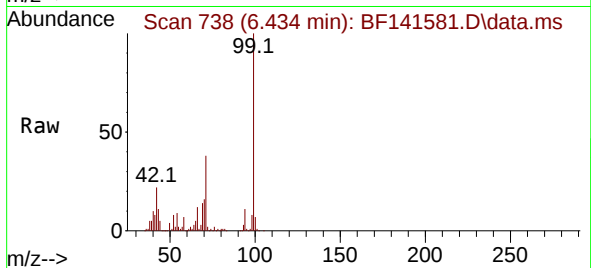




#7
Phenol-d6
Concen: 127.699 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

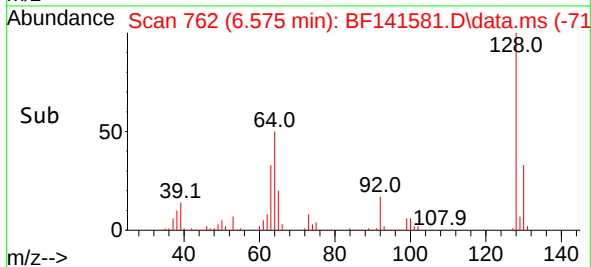
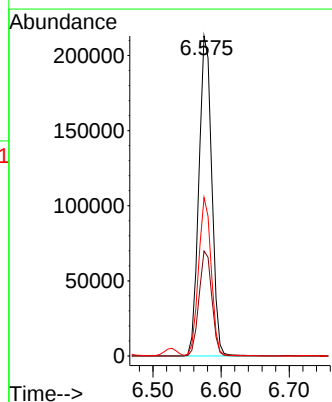
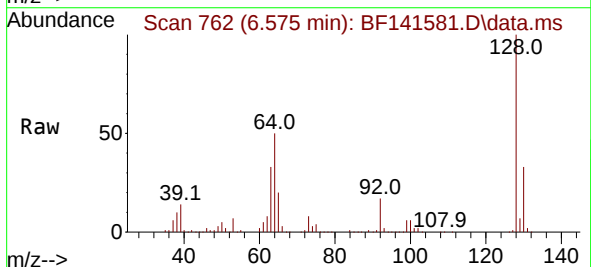
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ClientSampleId :
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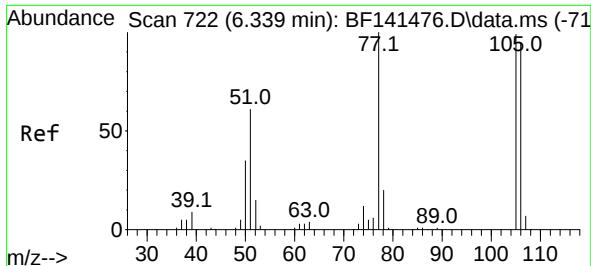
Tgt Ion: 99 Resp: 980874
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.5 31.1 46.7



#8
2-Chlorophenol
Concen: 42.476 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:128 Resp: 278929
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 49.5 28.3 68.3

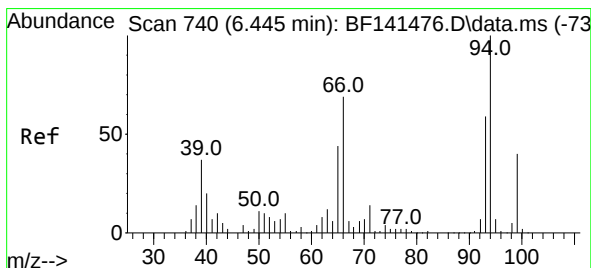
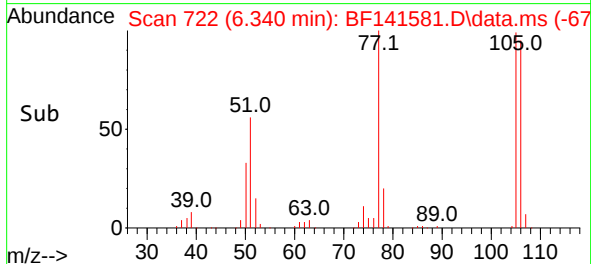
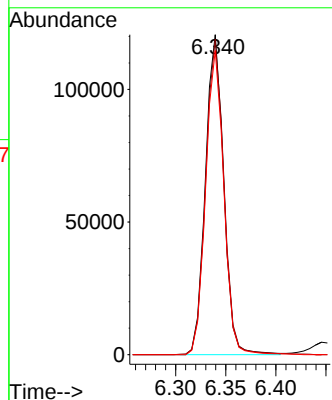
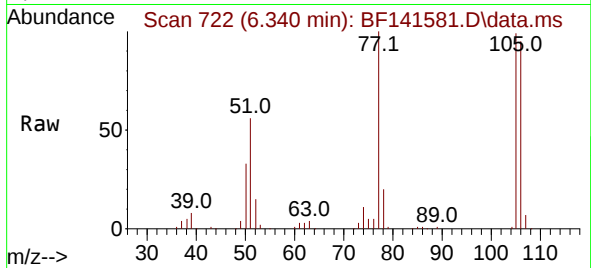




#9
Benzaldehyde
Concen: 37.508 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

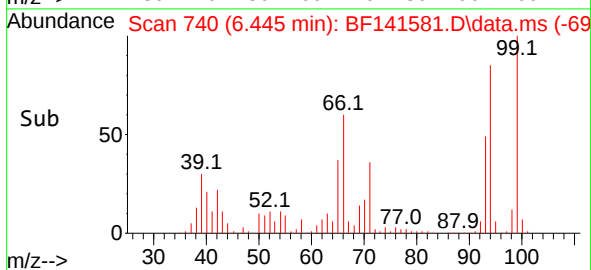
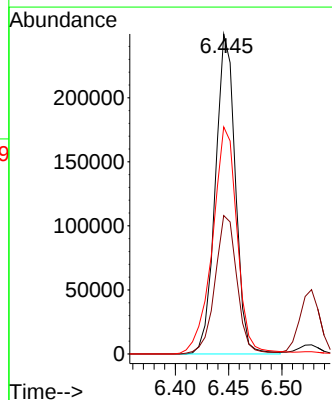
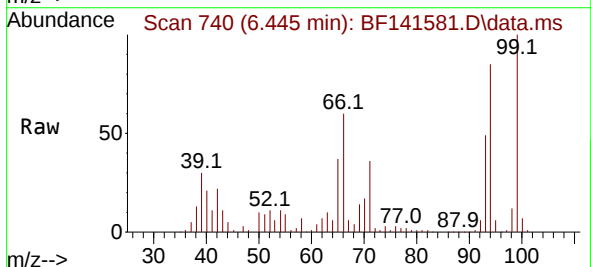
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Tgt Ion: 77 Resp: 153098
Ion Ratio Lower Upper
77 100
105 98.6 79.4 119.4
106 95.1 75.1 115.1



#10
Phenol
Concen: 40.631 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion: 94 Resp: 324827
Ion Ratio Lower Upper
94 100
65 43.2 23.7 63.7
66 70.9 49.3 89.3

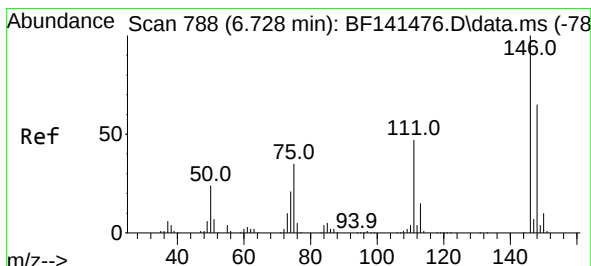
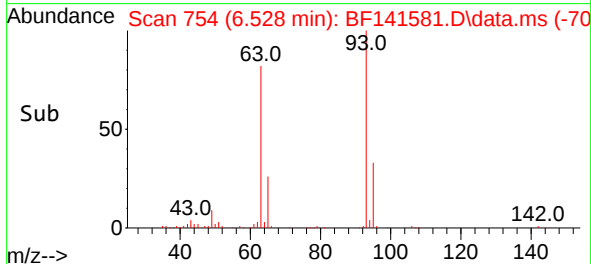
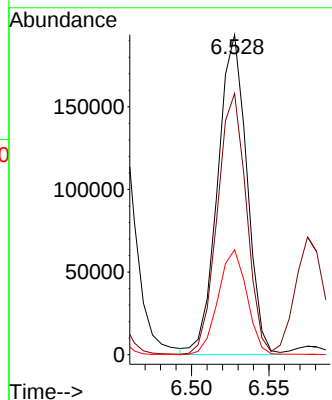
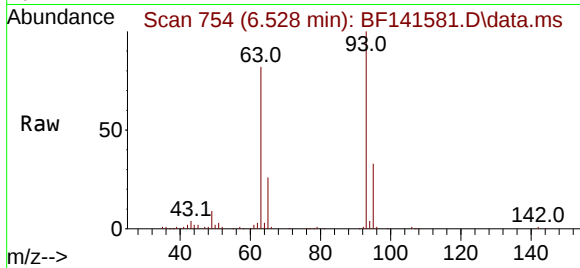




#11
bis(2-Chloroethyl)ether
Concen: 42.252 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

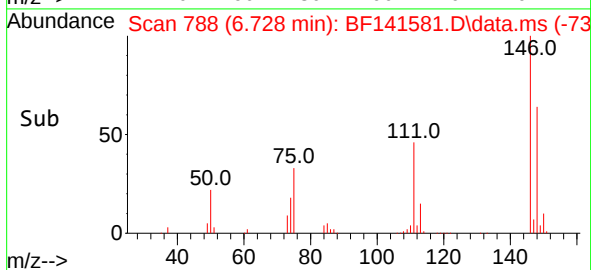
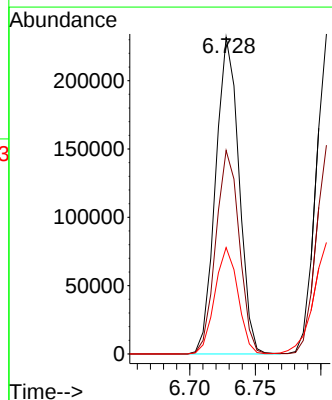
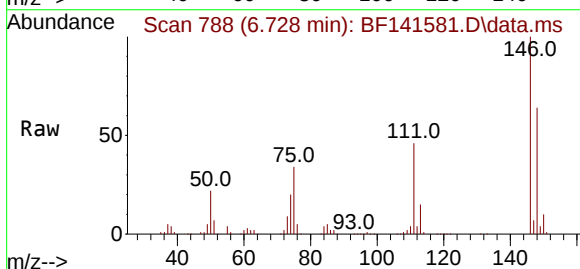
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion: 93 Resp: 253719
Ion Ratio Lower Upper
93 100
63 81.6 62.0 102.0
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.339 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:146 Resp: 286589
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 33.6 28.2 42.2

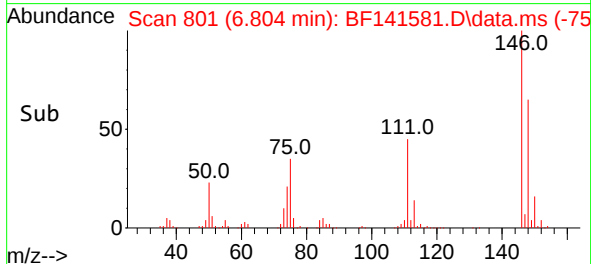
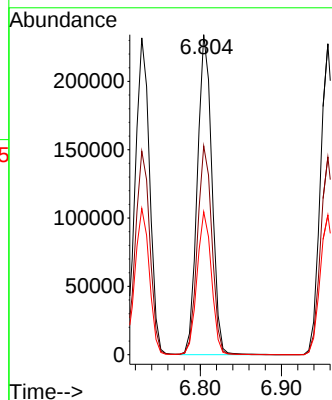
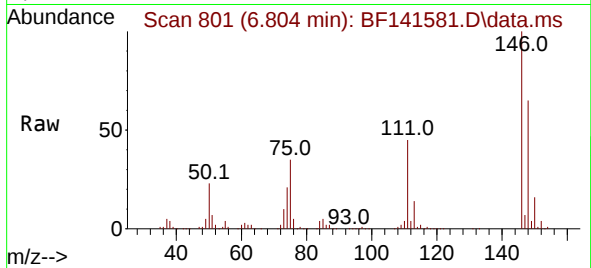




#13
1,4-Dichlorobenzene
Concen: 41.220 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

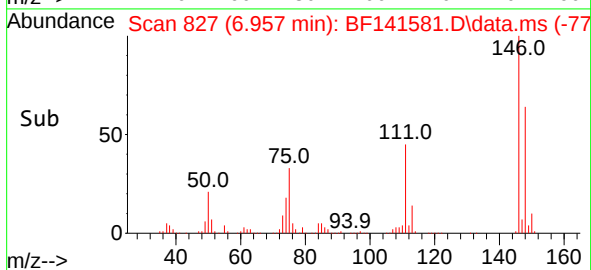
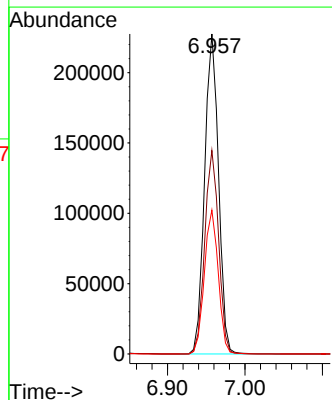
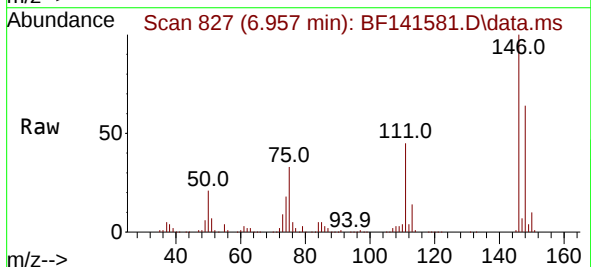
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion:146 Resp: 291966
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
111 44.6 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 43.175 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:146 Resp: 283834
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
111 45.0 37.0 55.4

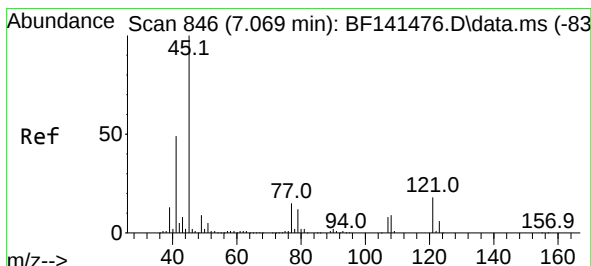
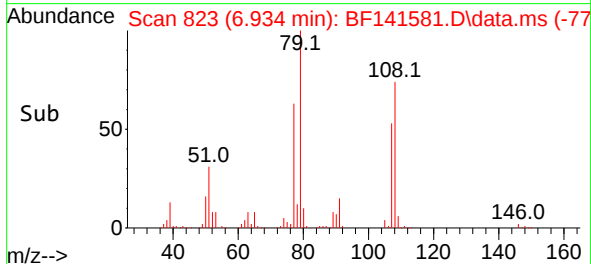
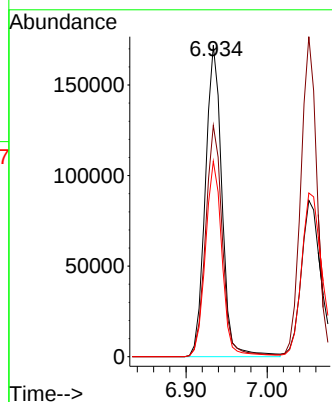
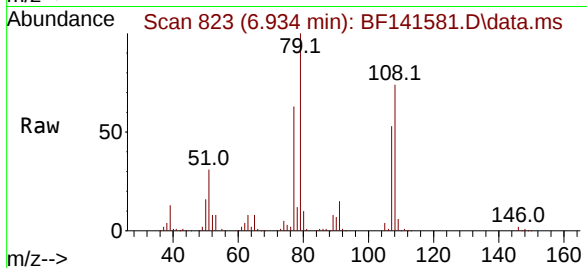




#15
Benzyl Alcohol
Concen: 41.501 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

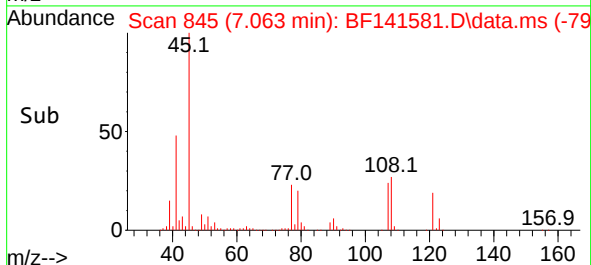
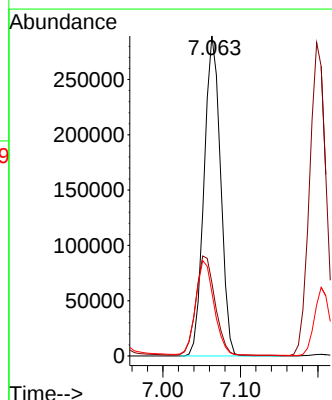
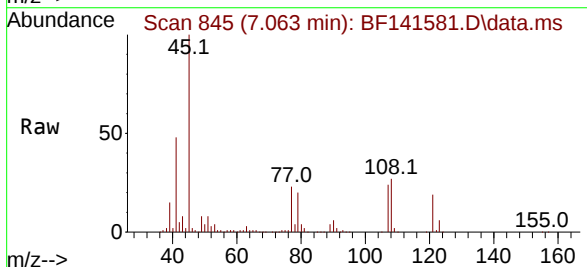
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion: 79 Resp: 244451
Ion Ratio Lower Upper
79 100
108 74.3 57.4 86.2
77 62.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.593 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion: 45 Resp: 427542
Ion Ratio Lower Upper
45 100
77 22.9 0.0 35.8
79 19.9 0.0 32.7

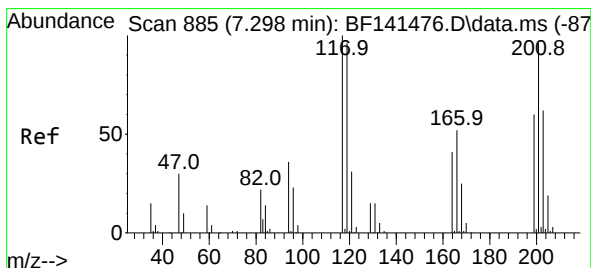
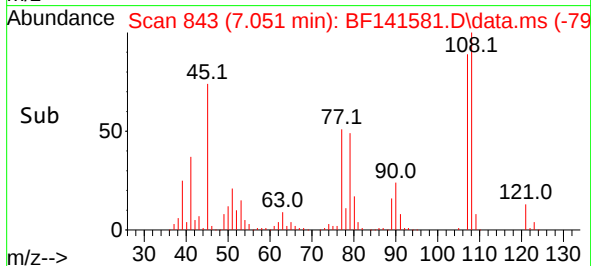
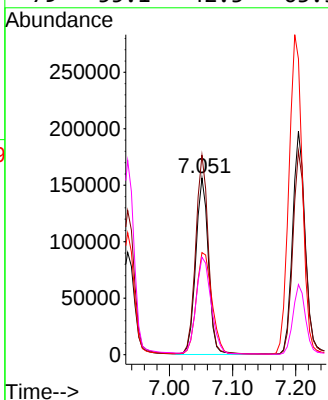
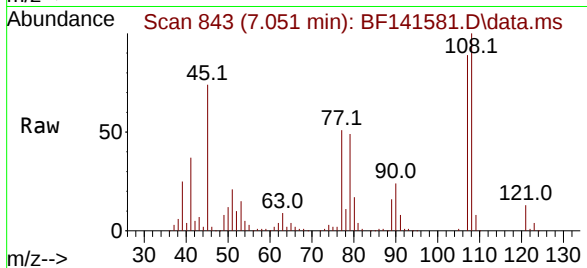




#17
2-Methylphenol
Concen: 42.605 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

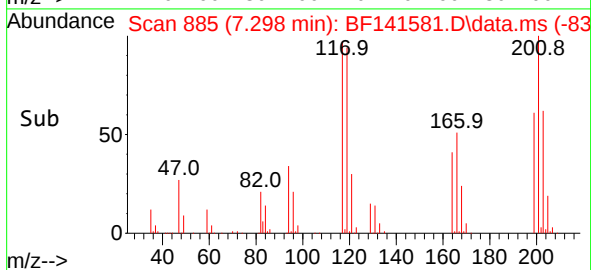
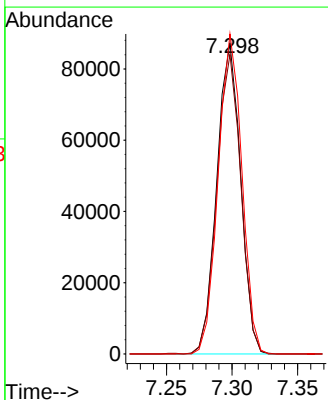
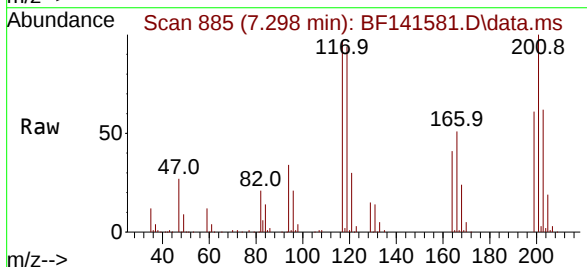
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion:	107	Resp:	218940
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.6	136.0
77	57.7	44.4	66.6
79	55.1	42.3	63.5



#18
Hexachloroethane
Concen: 42.046 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:	117	Resp:	110220
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.5	114.7
201	103.0	76.7	115.1



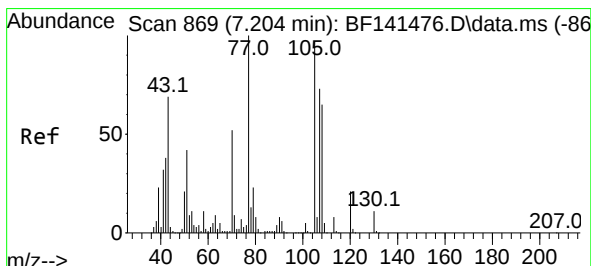
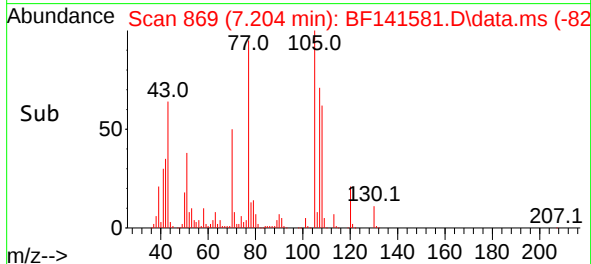
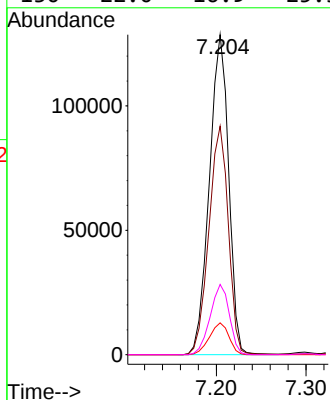
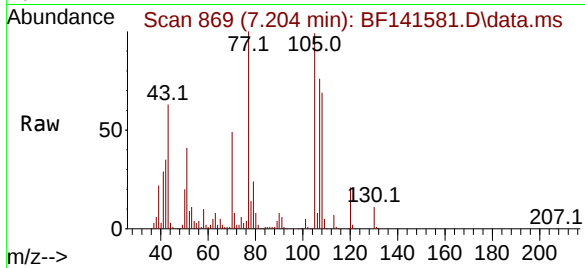


#19
n-Nitroso-di-n-propylamine
Concen: 41.833 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion: 70 Resp: 192206

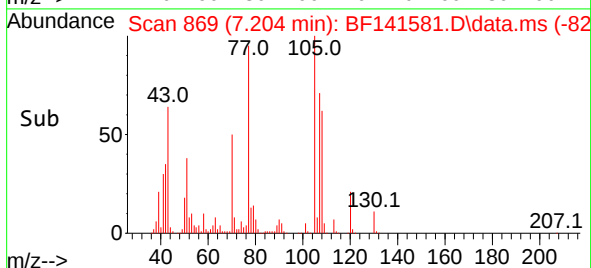
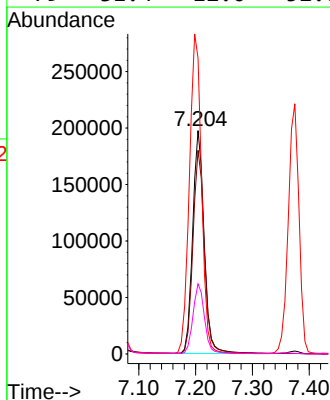
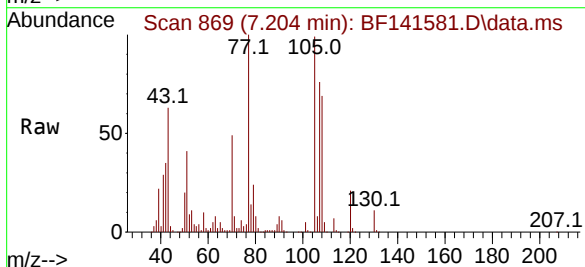
Ion	Ratio	Lower	Upper
70	100		
42	71.4	57.4	86.2
101	10.0	8.0	12.0
130	22.0	16.9	25.3



#20
3+4-Methylphenols
Concen: 42.448 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion: 107 Resp: 277217

Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.5	108.5
77	132.4	116.5	156.5
79	31.4	12.0	52.0

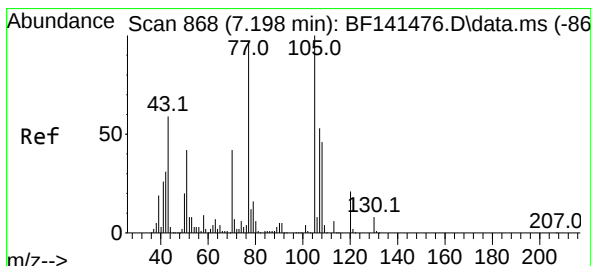
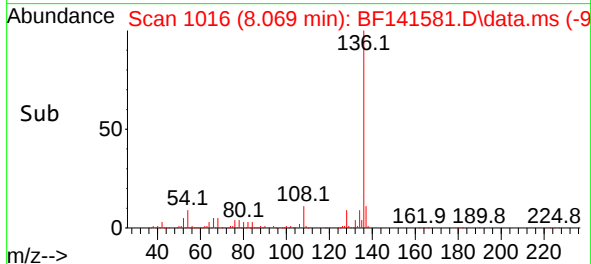
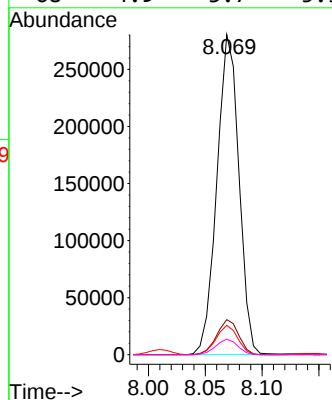
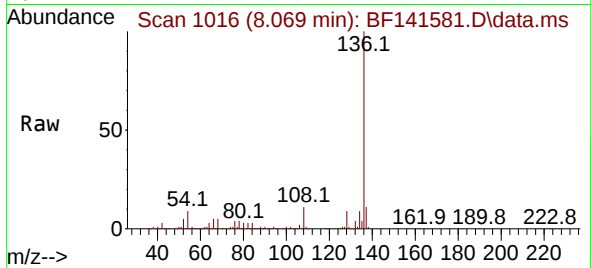




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

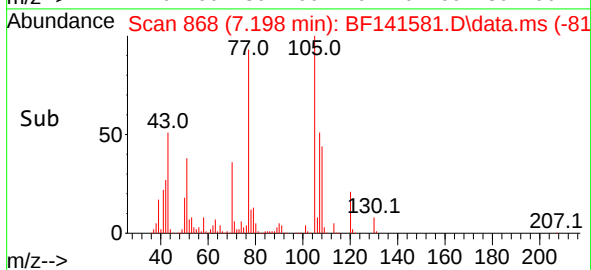
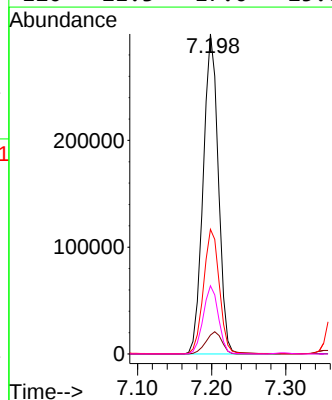
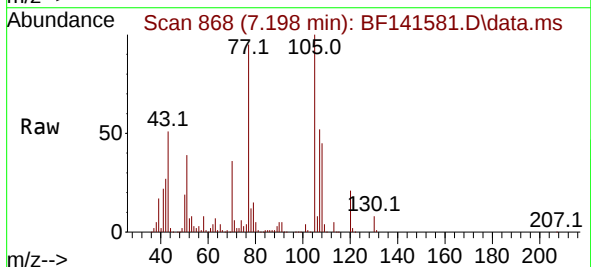
Instrument :
BNA_F
ClientSampleId :
PB166679BS

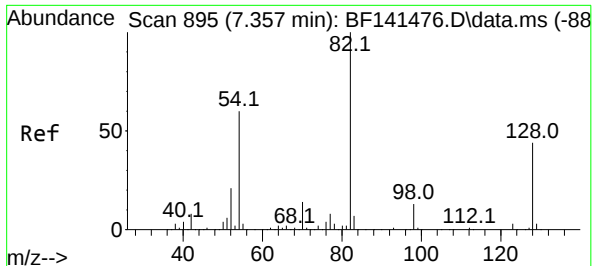
Tgt Ion:136 Resp: 379330
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.2 10.8
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 45.415 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:105 Resp: 428542
Ion Ratio Lower Upper
105 100
71 5.9 5.7 8.5
51 39.0 33.7 50.5
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.901 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB166679BS

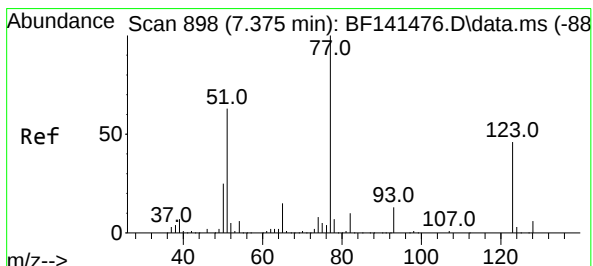
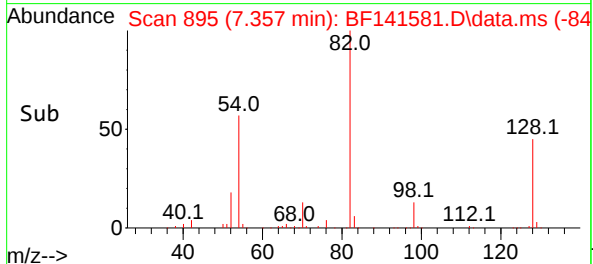
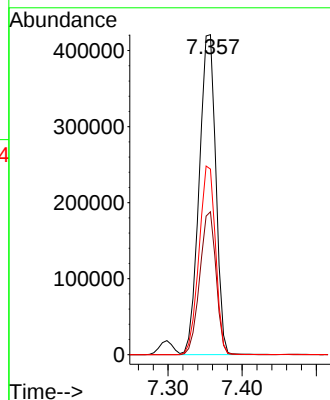
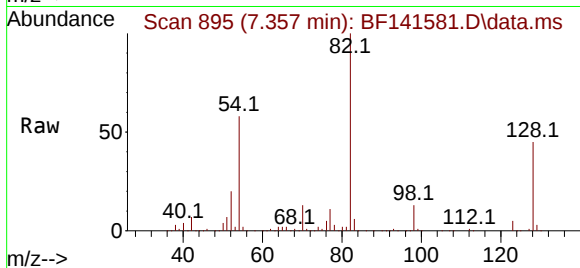
Tgt Ion: 82 Resp: 653822

Ion Ratio Lower Upper

82 100

128 44.7 34.8 52.2

54 58.0 48.2 72.4



#24

Nitrobenzene

Concen: 40.918 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

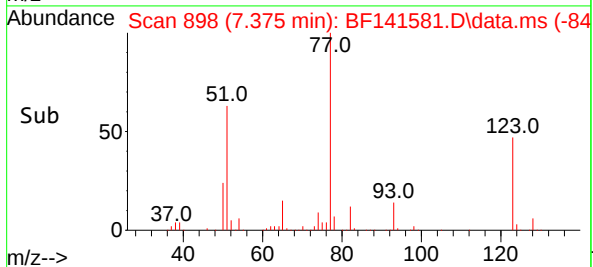
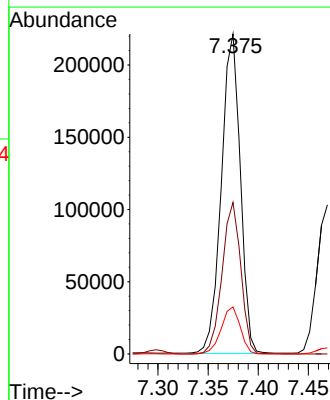
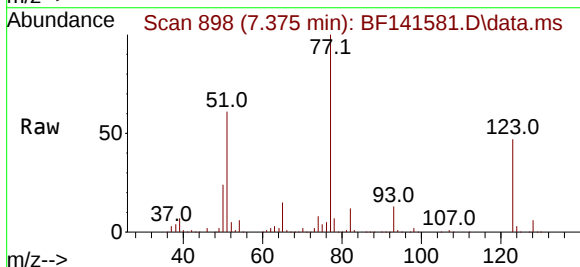
Tgt Ion: 77 Resp: 290179

Ion Ratio Lower Upper

77 100

123 47.3 36.9 55.3

65 14.7 11.9 17.9

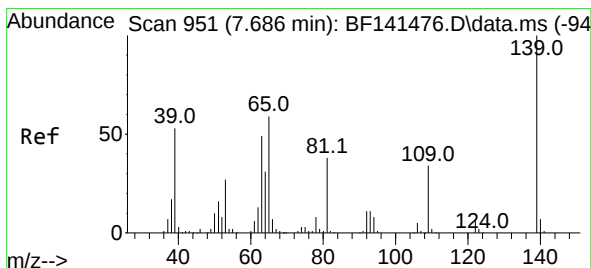
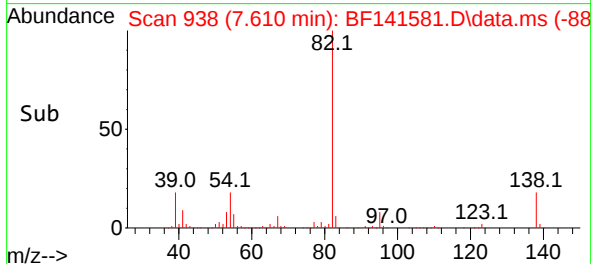
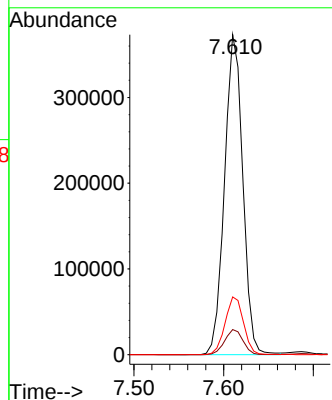
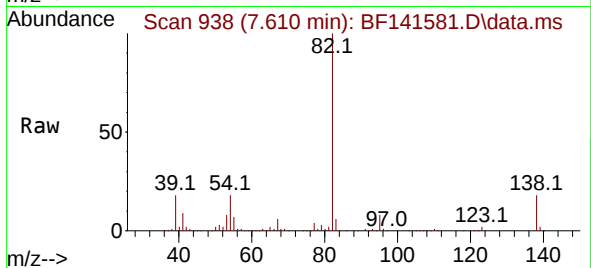




#25
Isophorone
Concen: 45.487 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

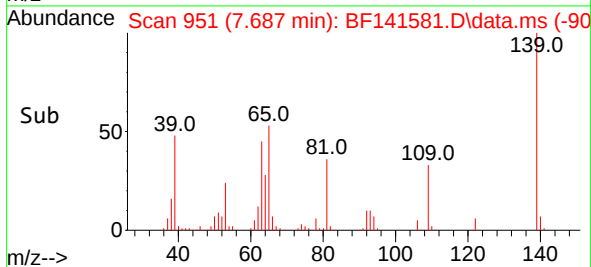
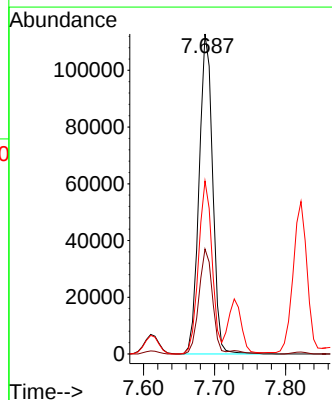
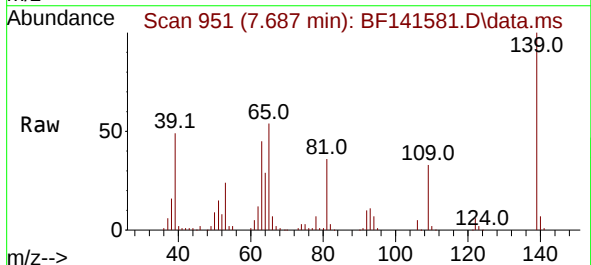
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion: 82 Resp: 527472
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 42.670 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:139 Resp: 150553
Ion Ratio Lower Upper
139 100
109 32.8 27.0 40.6
65 54.1 47.1 70.7

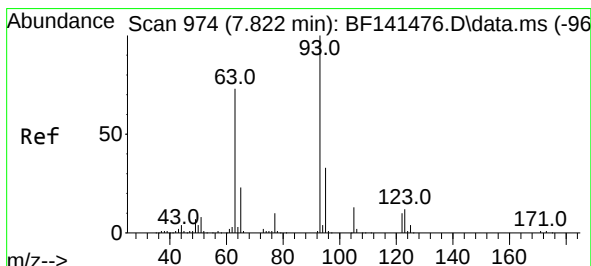
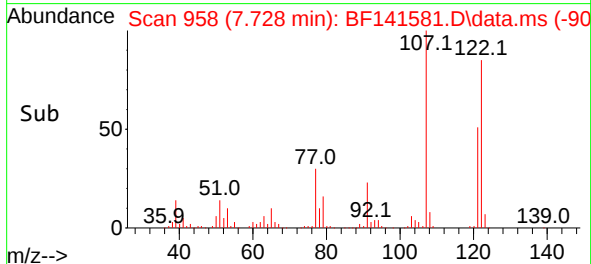
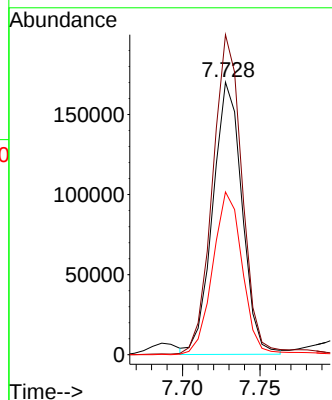
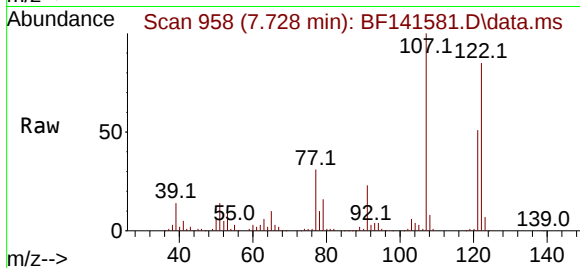




#27
2,4-Dimethylphenol
Concen: 54.261 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

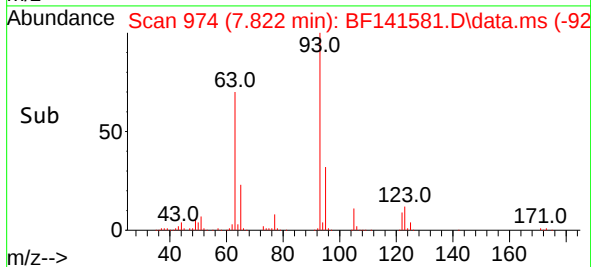
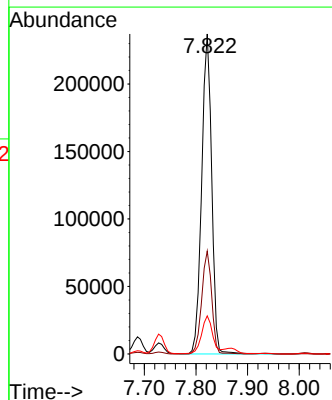
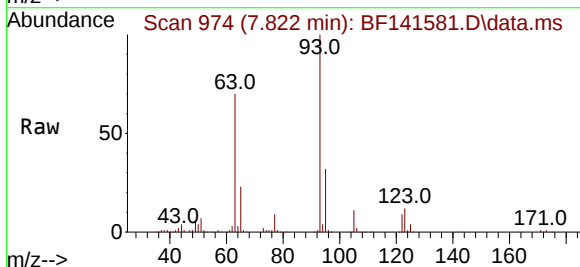
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion:122 Resp: 223655
Ion Ratio Lower Upper
122 100
107 117.5 94.3 141.5
121 59.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.016 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion: 93 Resp: 319634
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 11.9 9.5 14.3

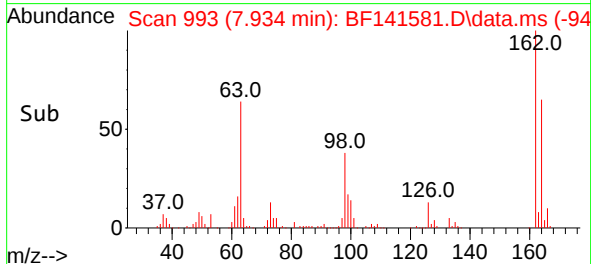
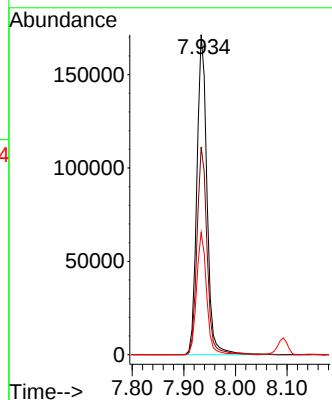
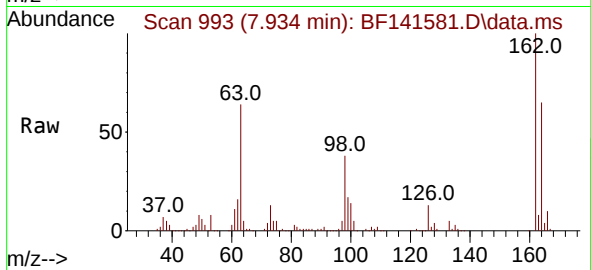




#29
2,4-Dichlorophenol
Concen: 41.767 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

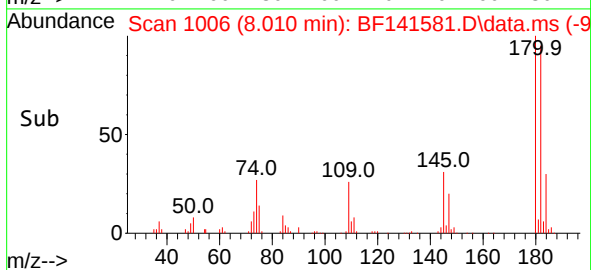
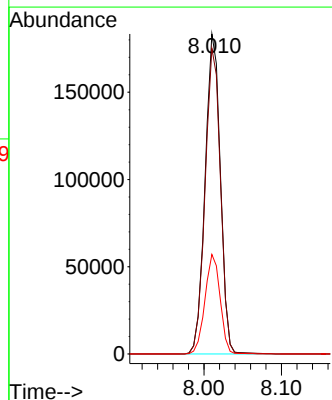
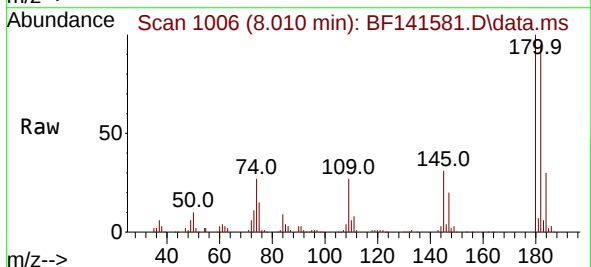
Instrument :
BNA_F
ClientSampleId :
PB166679BS

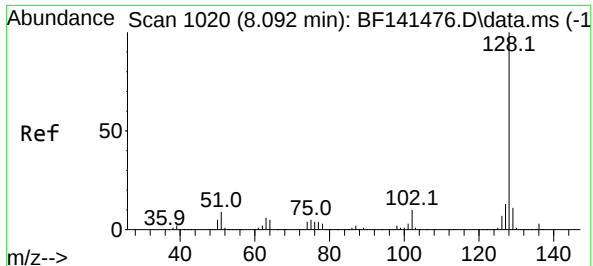
Tgt Ion:162 Resp: 232603
Ion Ratio Lower Upper
162 100
164 64.9 44.6 84.6
98 38.2 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 41.341 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:180 Resp: 250717
Ion Ratio Lower Upper
180 100
182 95.5 76.8 115.2
145 31.1 24.2 36.4

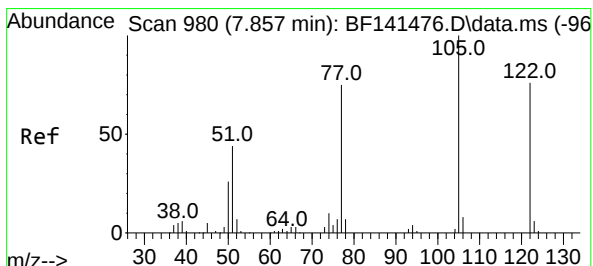
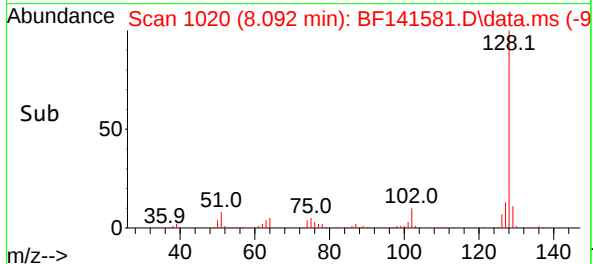
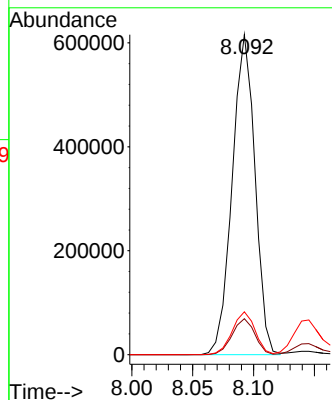
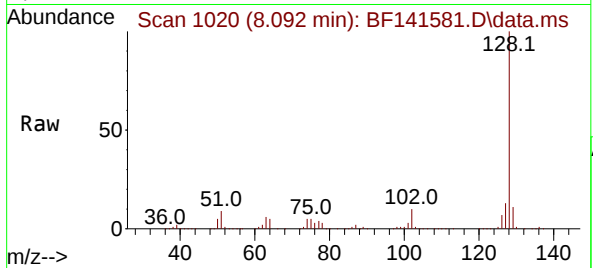




#31
Naphthalene
Concen: 40.560 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

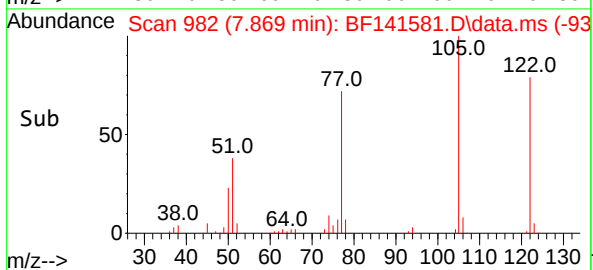
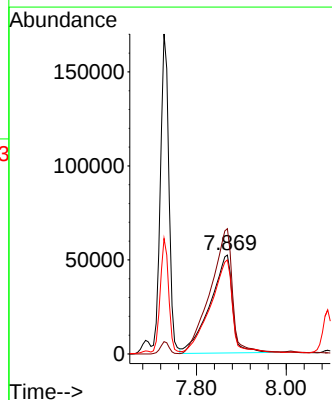
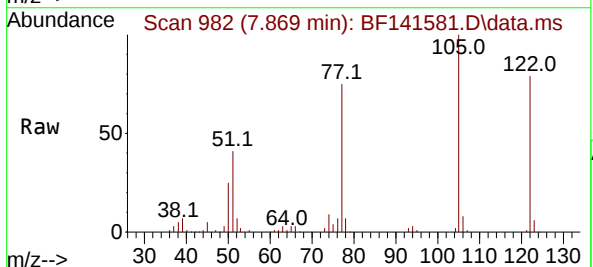
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion:128 Resp: 800875
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 42.129 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:122 Resp: 180370
Ion Ratio Lower Upper
122 100
105 126.7 106.5 146.5
77 95.1 76.3 116.3

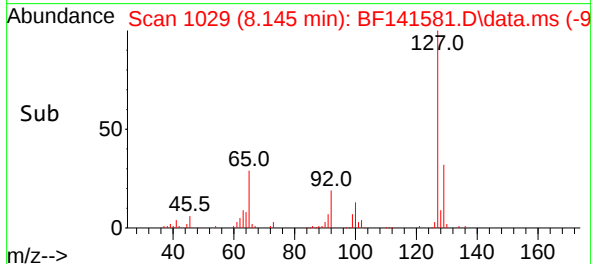
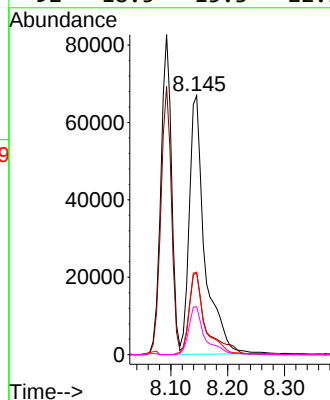
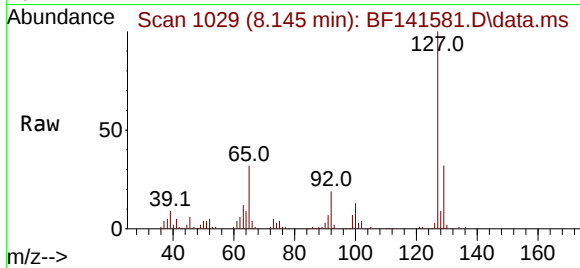




#33
4-Chloroaniline
Concen: 18.408 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

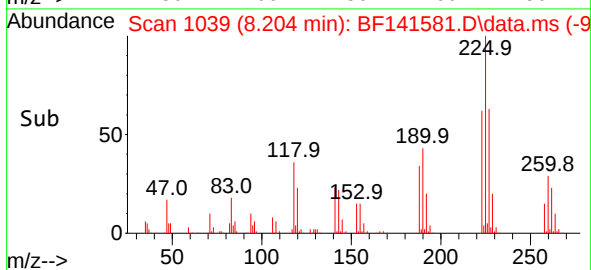
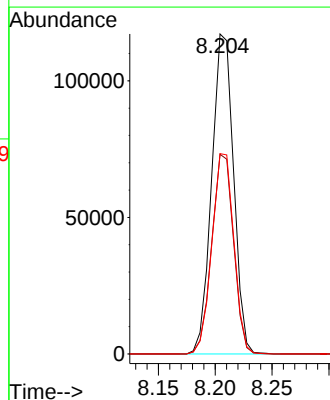
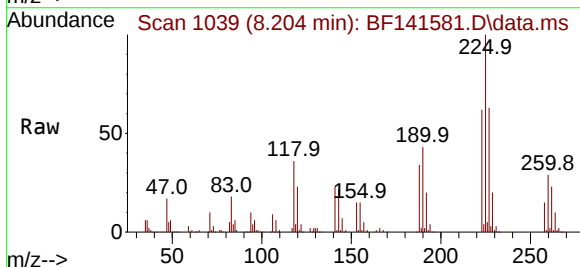
Instrument :
BNA_F
ClientSampleId :
PB166679BS

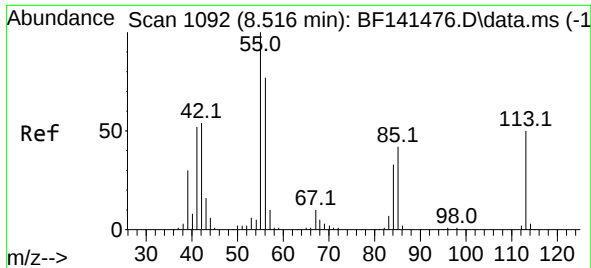
Tgt Ion:	127	Resp:	126906
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	31.8	26.4	39.6
92	18.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.107 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:	225	Resp:	156945
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	62.6	51.0	76.6

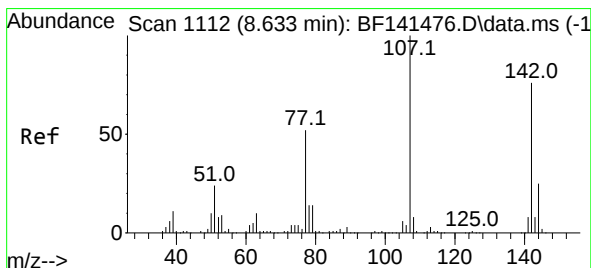
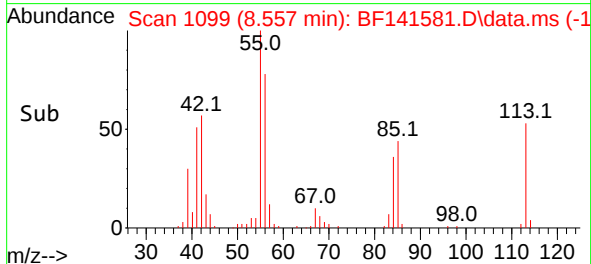
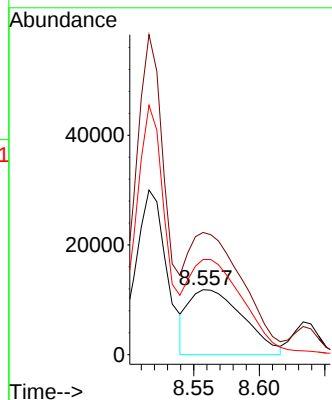
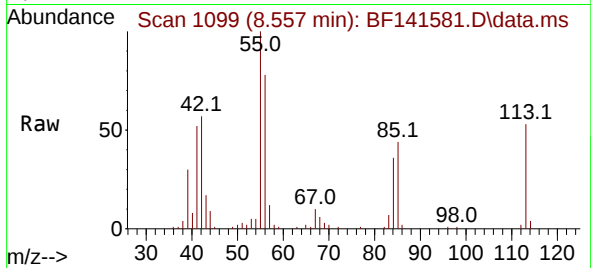




#35
 Caprolactam
 Concen: 20.208 ng
 RT: 8.557 min Scan# 1099
 Delta R.T. 0.012 min
 Lab File: BF141581.D
 Acq: 12 Feb 2025 11:17

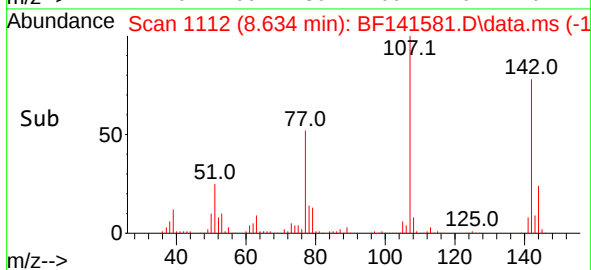
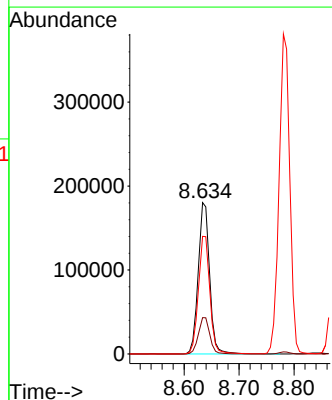
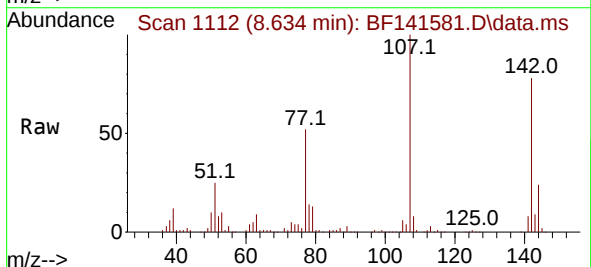
Instrument :
 BNA_F
 ClientSampleId :
 PB166679BS

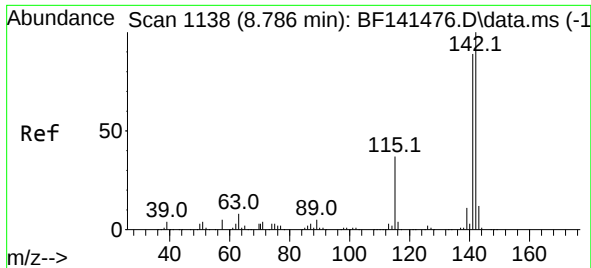
Tgt Ion:113 Resp: 34266
 Ion Ratio Lower Upper
 113 100
 55 187.9 180.8 220.8
 56 146.5 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.162 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141581.D
 Acq: 12 Feb 2025 11:17

Tgt Ion:107 Resp: 260095
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.7 29.5
 142 77.7 60.8 91.2

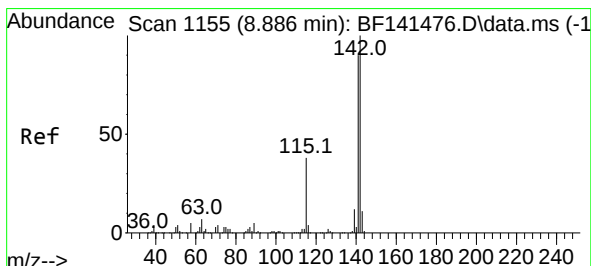
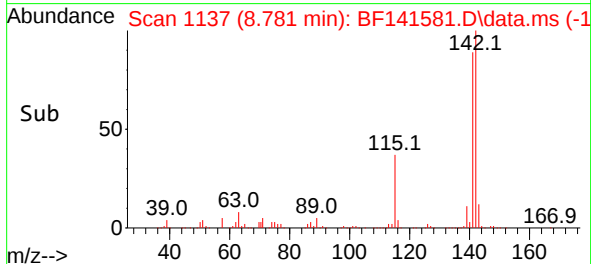
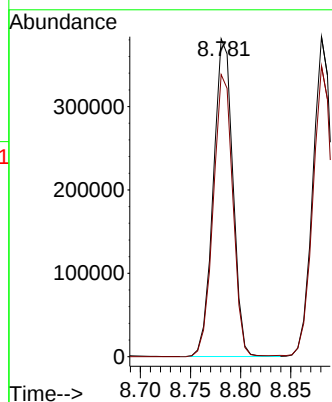
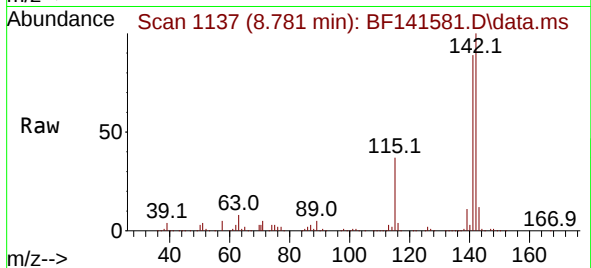




#37
2-Methylnaphthalene
Concen: 40.137 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

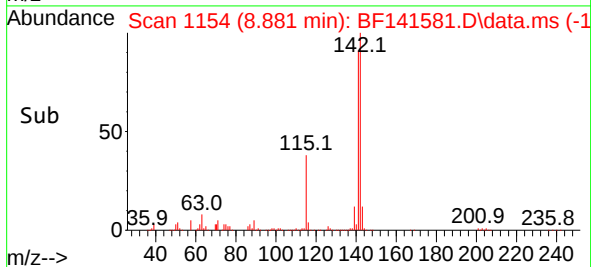
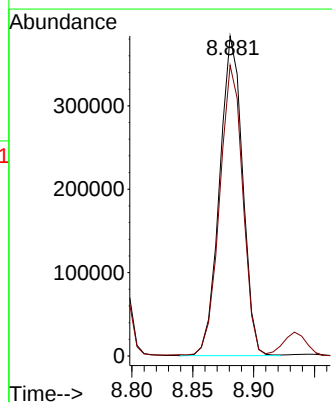
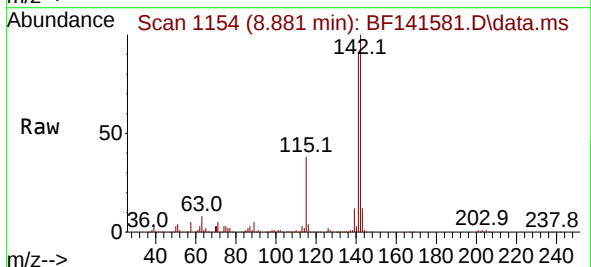
Instrument :
BNA_F
ClientSampleId :
PB166679BS

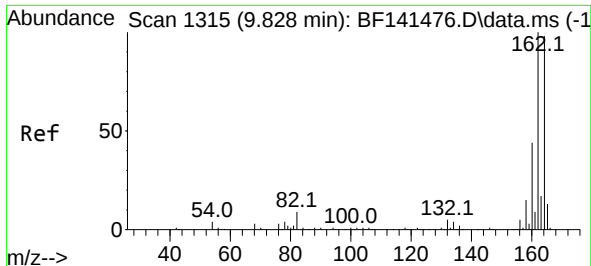
Tgt Ion:142 Resp: 515725
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 40.472 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:142 Resp: 503660
Ion Ratio Lower Upper
142 100
141 90.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB166679BS

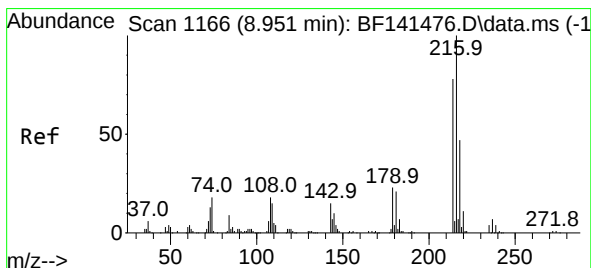
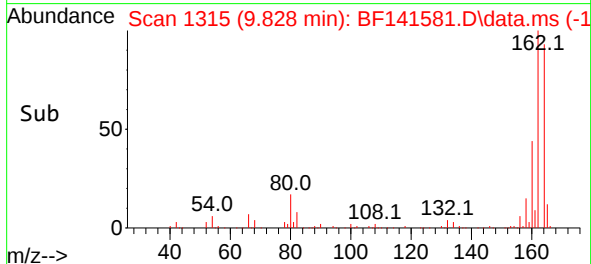
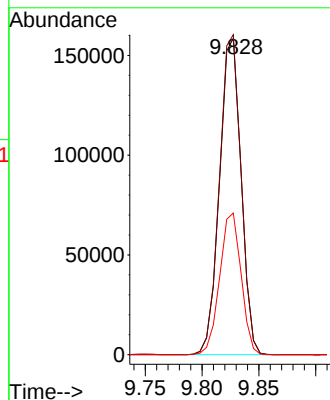
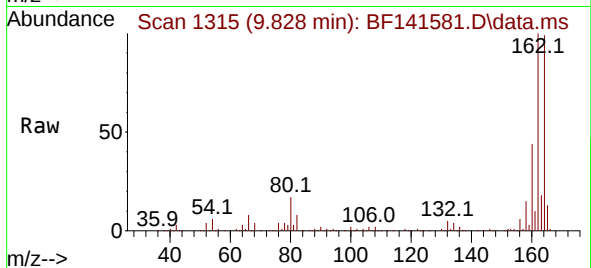
Tgt Ion:164 Resp: 209294

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 44.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.170 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

Tgt Ion:216 Resp: 279568

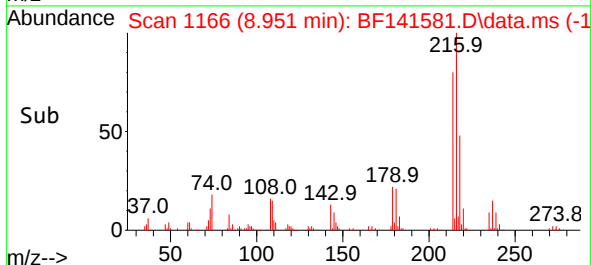
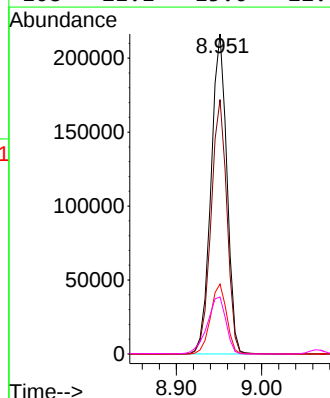
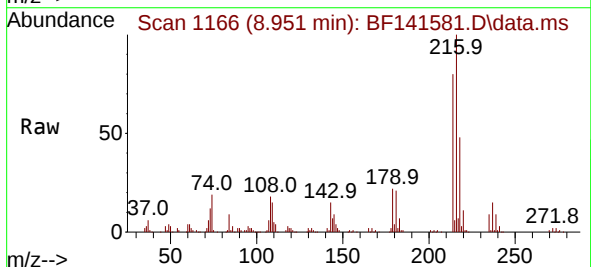
Ion Ratio Lower Upper

216 100

214 79.4 62.3 93.5

179 22.1 18.0 27.0

108 21.1 15.0 22.6

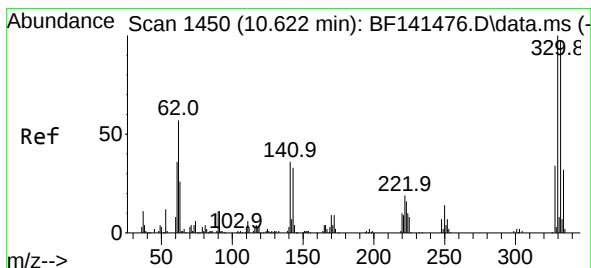
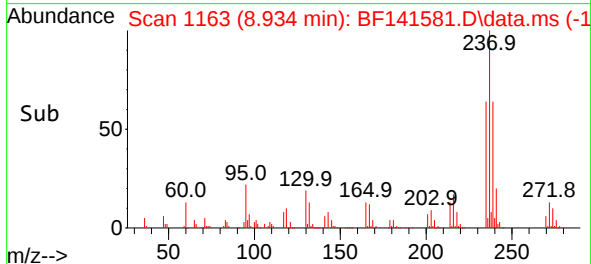
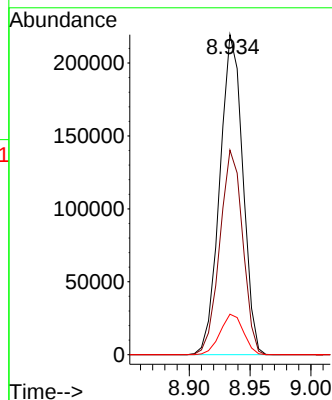
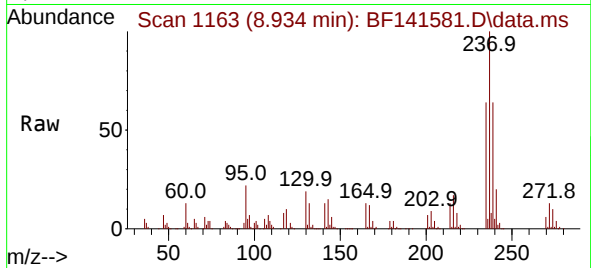




#41
Hexachlorocyclopentadiene
Concen: 143.319 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

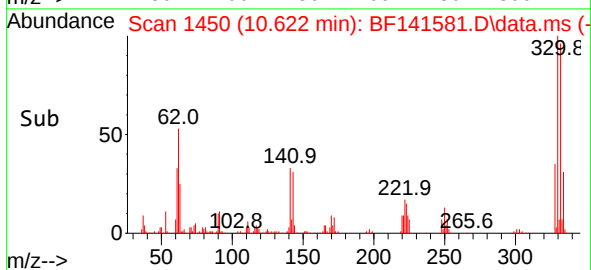
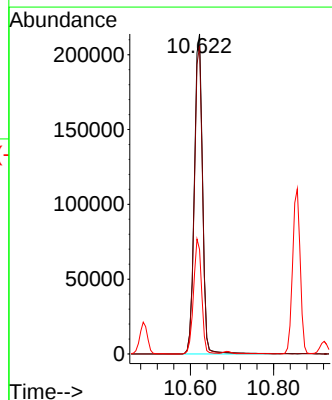
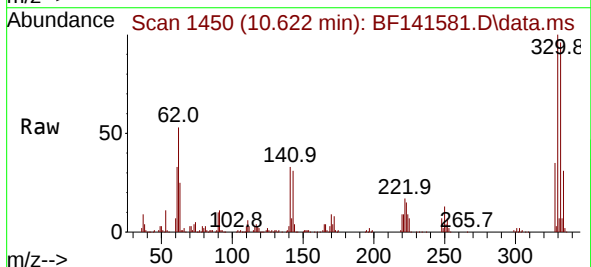
Instrument :
BNA_F
ClientSampleId :
PB166679BS

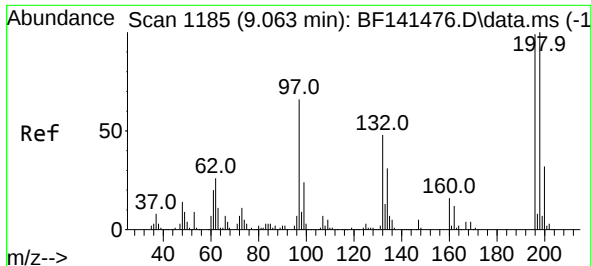
Tgt Ion:237 Resp: 288643
Ion Ratio Lower Upper
237 100
235 63.9 41.4 81.4
272 12.6 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 138.866 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:330 Resp: 291960
Ion Ratio Lower Upper
330 100
332 95.9 78.5 117.7
141 35.5 31.0 46.4

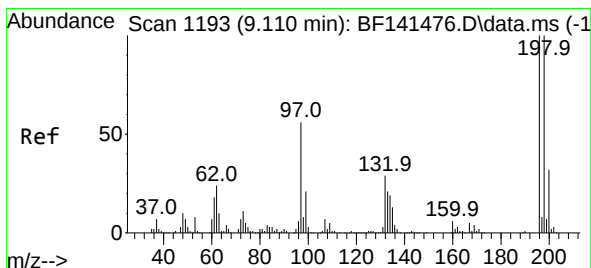
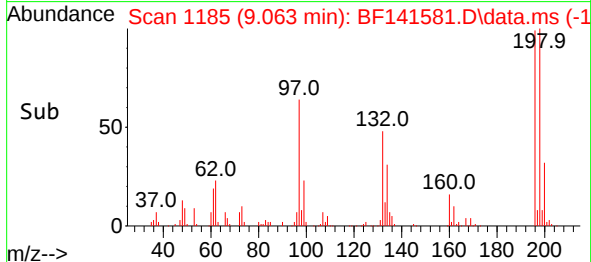
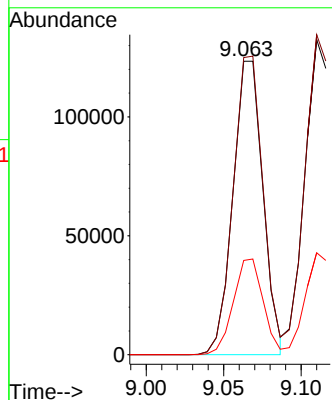
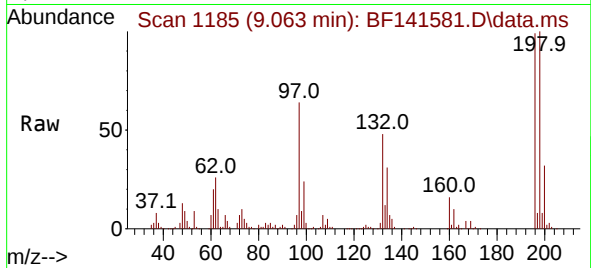




#43
2,4,6-Trichlorophenol
Concen: 42.478 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

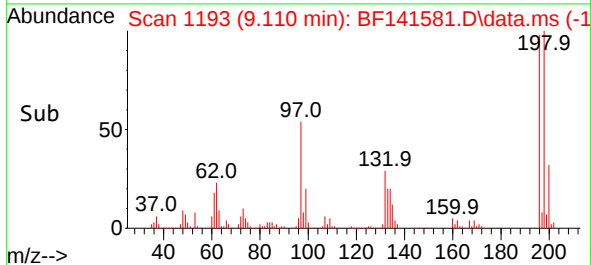
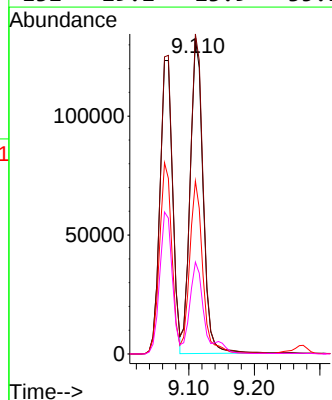
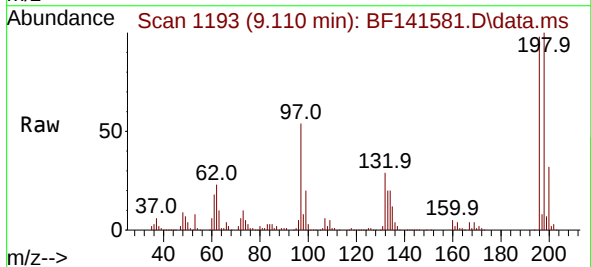
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion:196 Resp: 166240
Ion Ratio Lower Upper
196 100
198 101.2 80.6 121.0
200 32.1 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 42.693 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:196 Resp: 181075
Ion Ratio Lower Upper
196 100
198 101.6 79.8 119.8
97 54.9 44.8 67.2
132 29.2 23.9 35.9

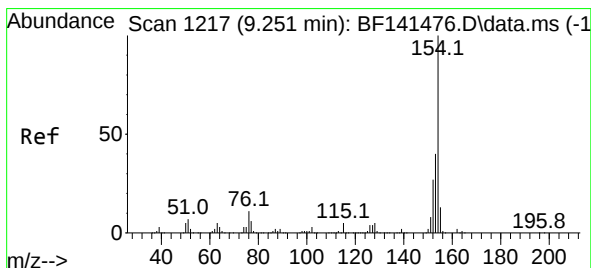
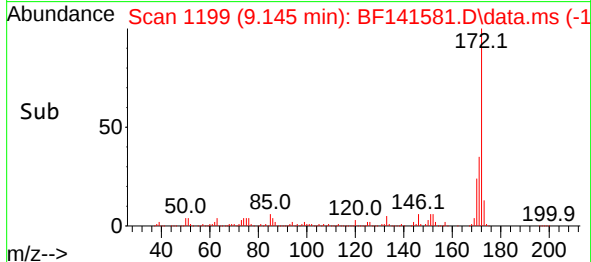
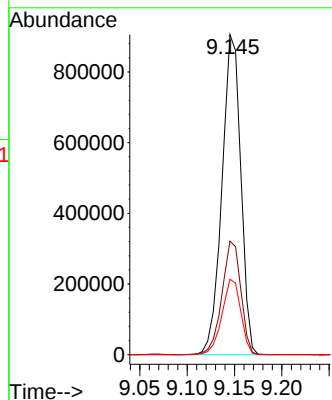
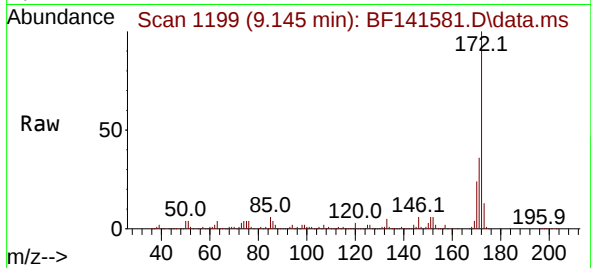




#45
2-Fluorobiphenyl
Concen: 92.298 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

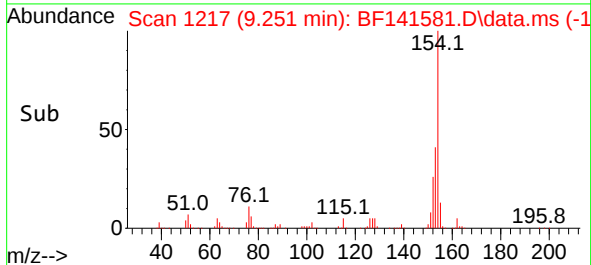
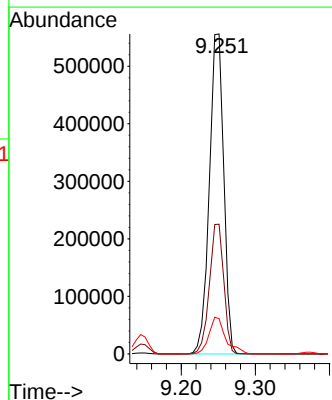
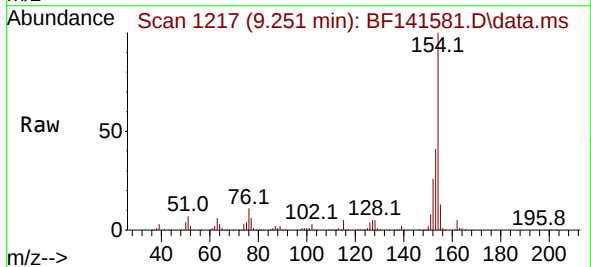
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion:172 Resp: 1253855
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.278 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:154 Resp: 750917
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.0 0.0 30.8

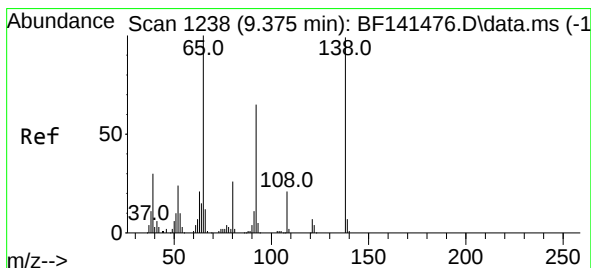
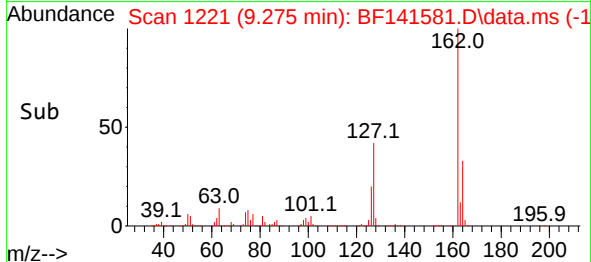
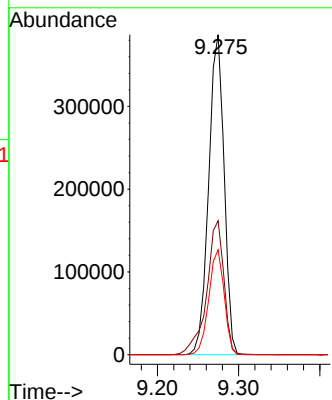
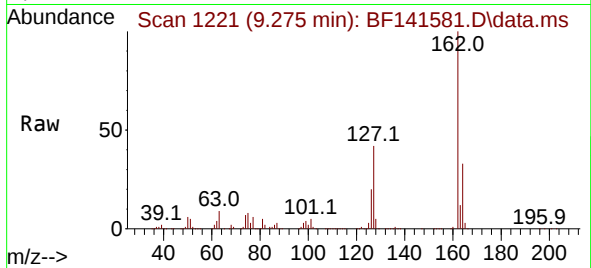




#47
2-Chloronaphthalene
Concen: 42.555 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

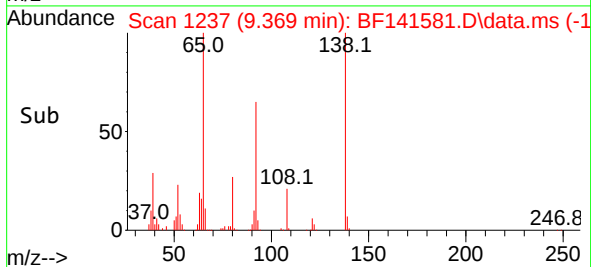
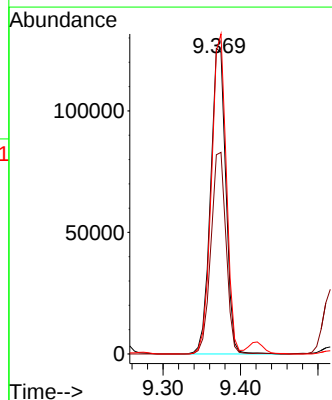
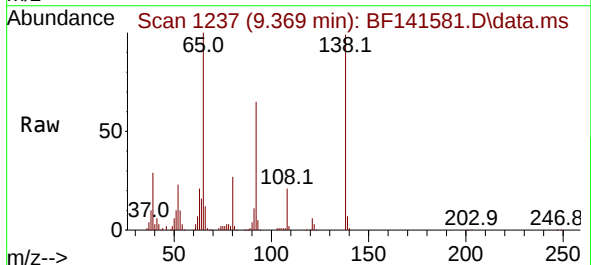
Instrument :
BNA_F
ClientSampleId :
PB166679BS

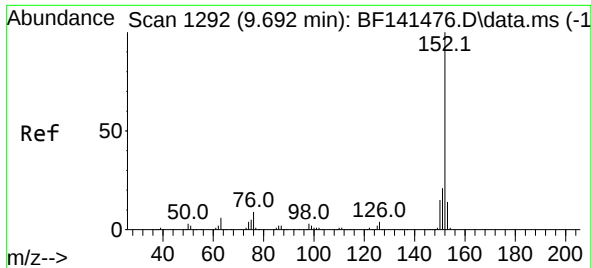
Tgt Ion:162 Resp: 510608
Ion Ratio Lower Upper
162 100
127 41.9 34.1 51.1
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 42.734 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion: 65 Resp: 172080
Ion Ratio Lower Upper
65 100
92 65.2 52.2 78.2
138 99.2 79.5 119.3

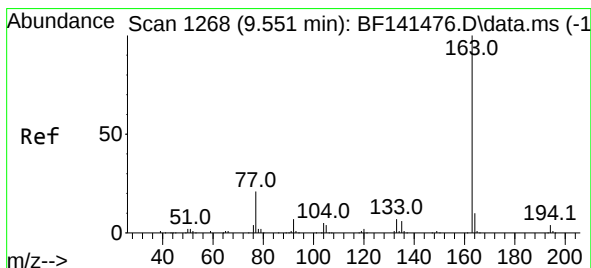
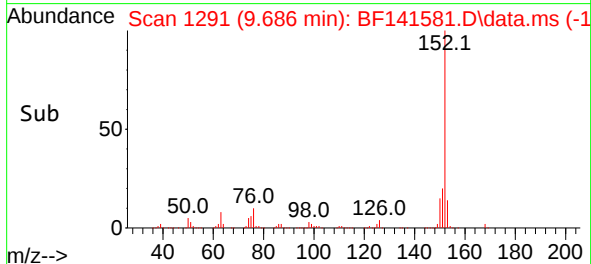
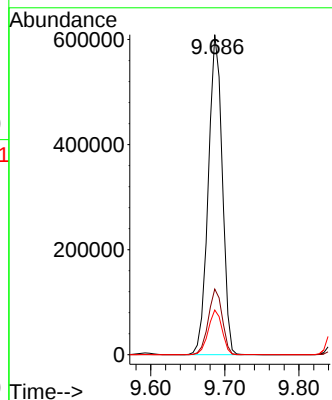
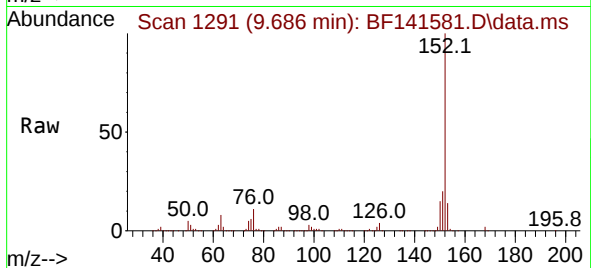




#49
Acenaphthylene
Concen: 44.595 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

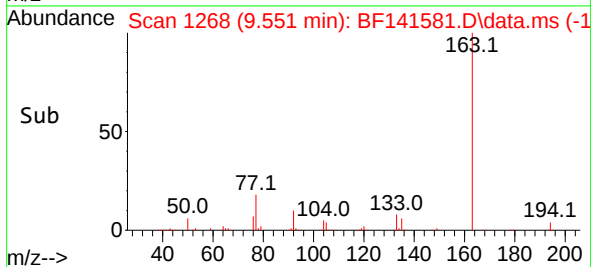
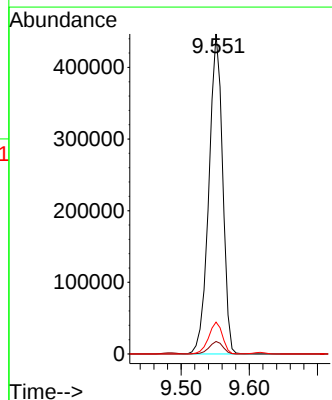
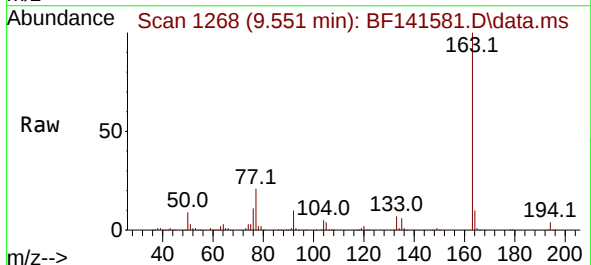
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion:152 Resp: 795884
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 14.0 10.9 16.3



#50
Dimethylphthalate
Concen: 44.035 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:163 Resp: 625669
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 7.9 11.9

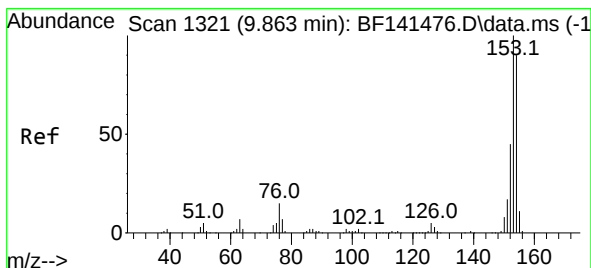
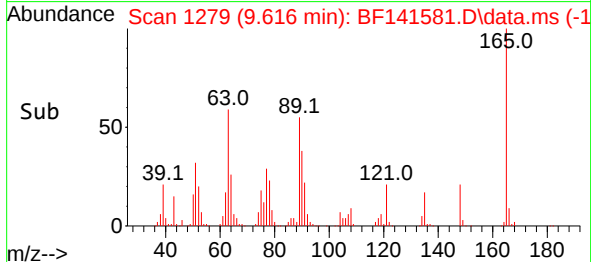
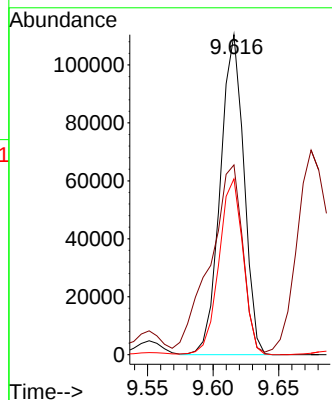
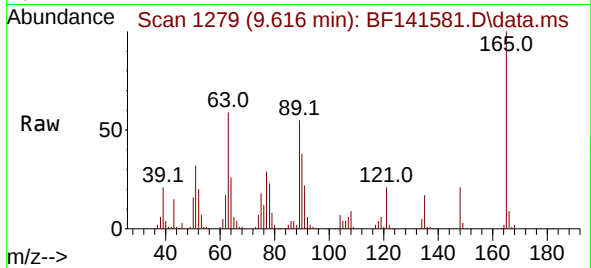




#51
2,6-Dinitrotoluene
Concen: 44.512 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

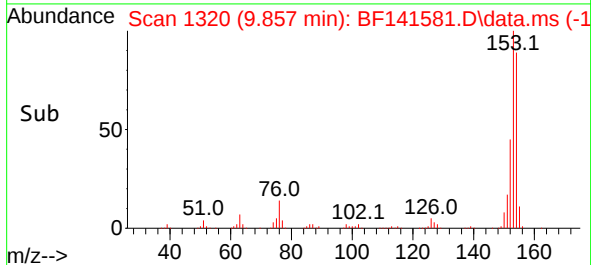
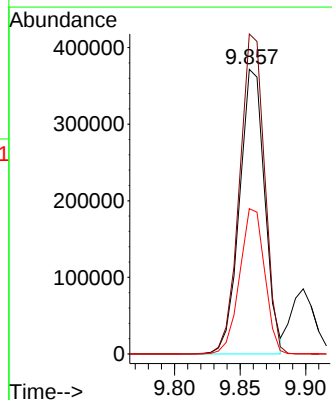
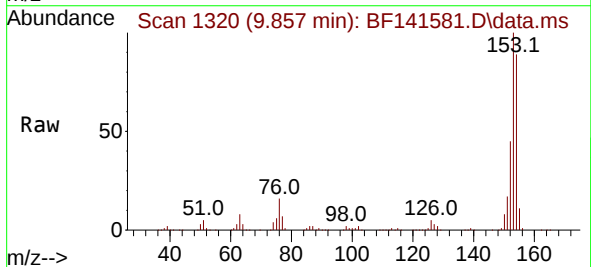
Instrument :
BNA_F
ClientSampleId :
PB166679BS

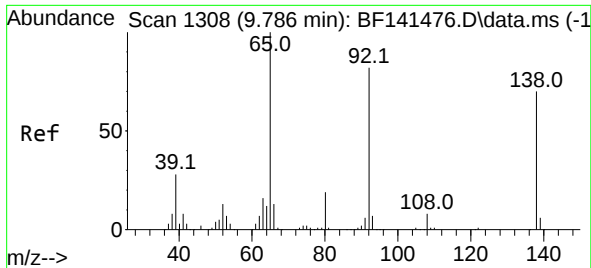
Tgt Ion:165 Resp: 138257
Ion Ratio Lower Upper
165 100
63 59.3 49.4 74.0
89 54.9 46.5 69.7



#52
Acenaphthene
Concen: 41.538 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:154 Resp: 498383
Ion Ratio Lower Upper
154 100
153 112.4 89.2 133.8
152 51.0 39.8 59.8

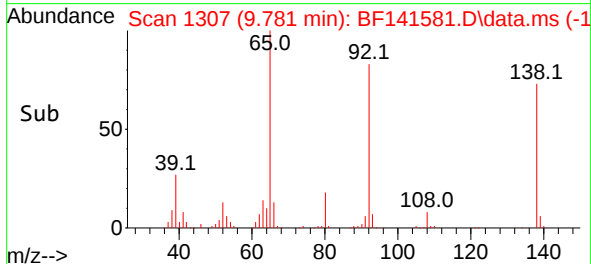
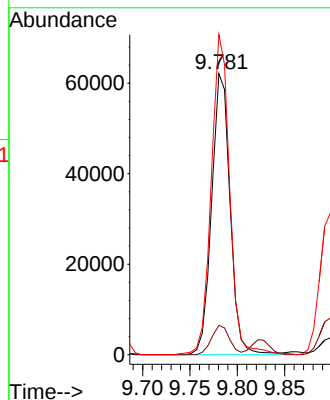
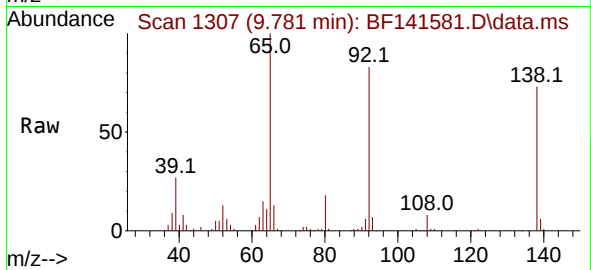




#53
3-Nitroaniline
Concen: 25.213 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

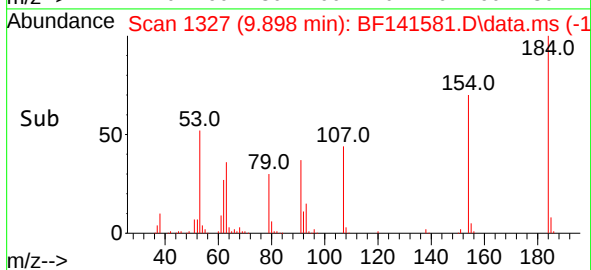
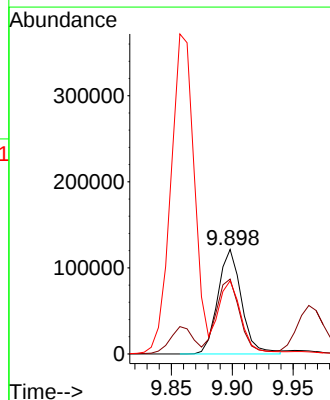
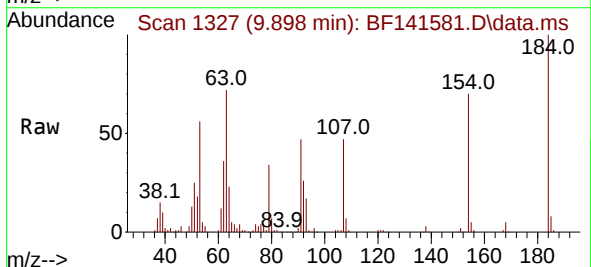
Instrument :
BNA_F
ClientSampleId :
PB166679BS

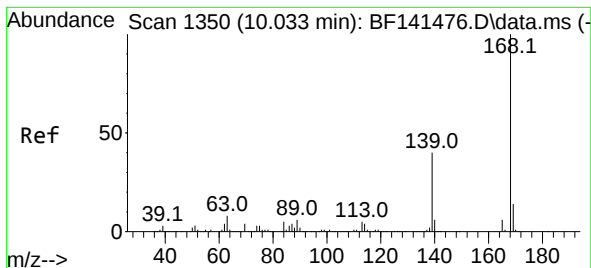
Tgt Ion:138 Resp: 84289
Ion Ratio Lower Upper
138 100
108 10.5 9.0 13.4
92 113.9 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 89.074 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:184 Resp: 164433
Ion Ratio Lower Upper
184 100
63 71.7 61.0 91.6
154 70.1 59.9 89.9

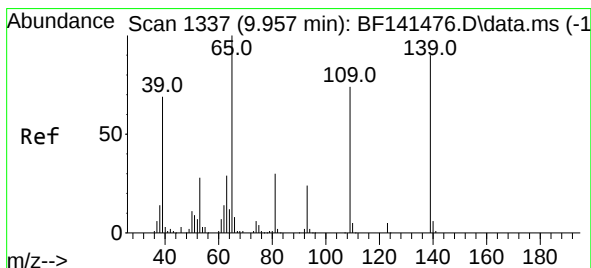
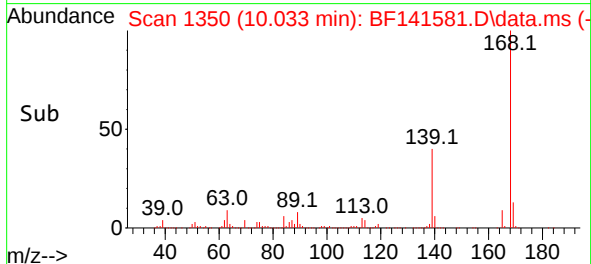
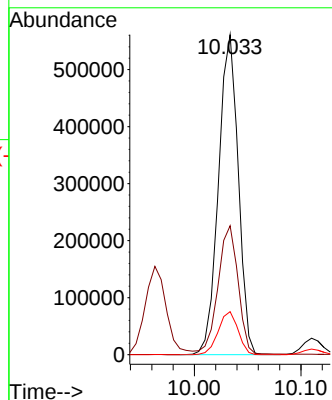
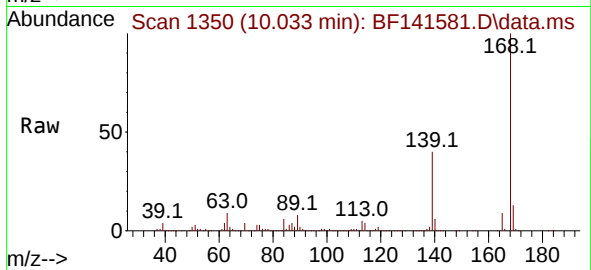




#55
Dibenzenofuran
Concen: 40.958 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

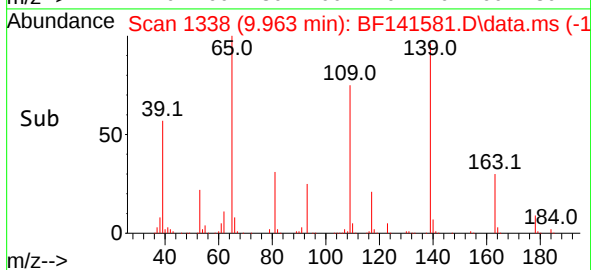
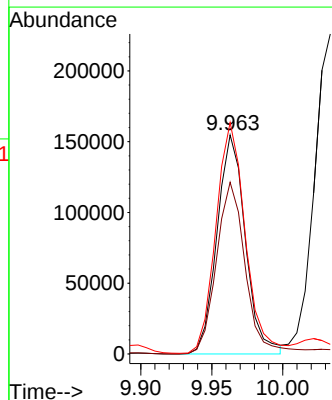
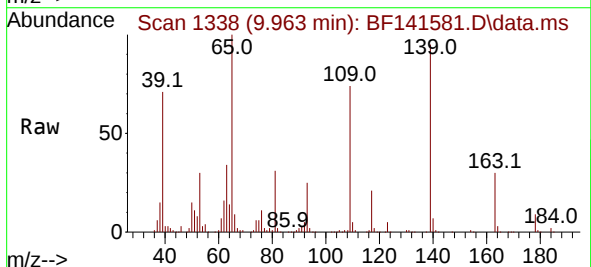
Instrument :
BNA_F
ClientSampleId :
PB166679BS

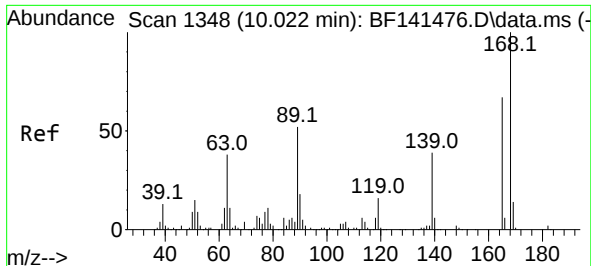
Tgt Ion:168 Resp: 721322
Ion Ratio Lower Upper
168 100
139 40.3 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 86.629 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

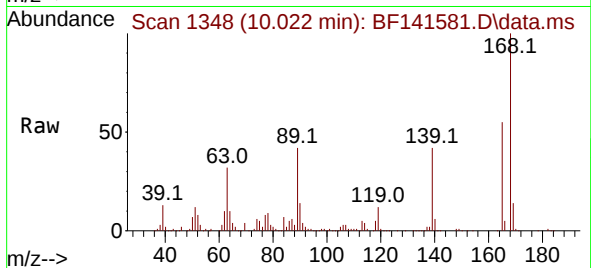
Tgt Ion:139 Resp: 214983
Ion Ratio Lower Upper
139 100
109 78.3 62.0 102.0
65 105.7 91.2 131.2



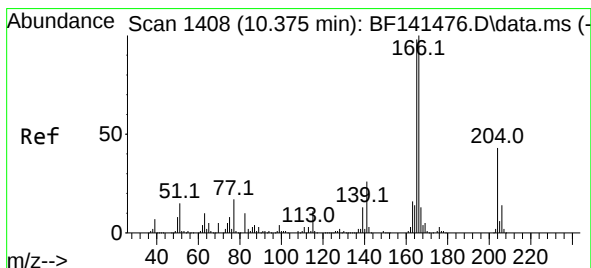
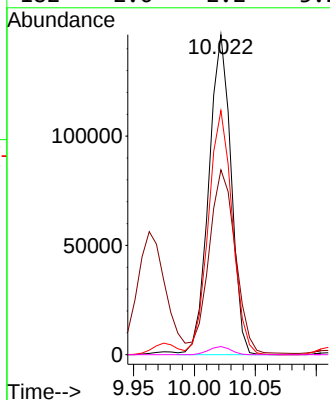
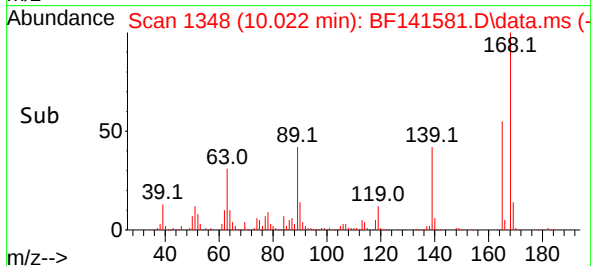


#57
2,4-Dinitrotoluene
Concen: 44.875 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

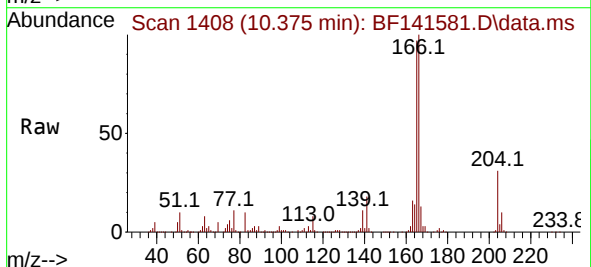
Instrument :
BNA_F
ClientSampleId :
PB166679BS



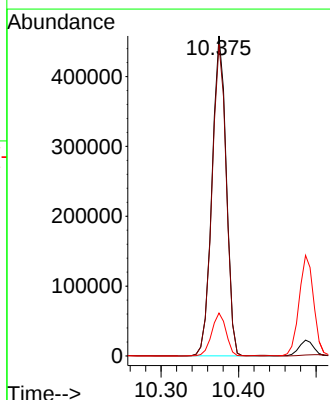
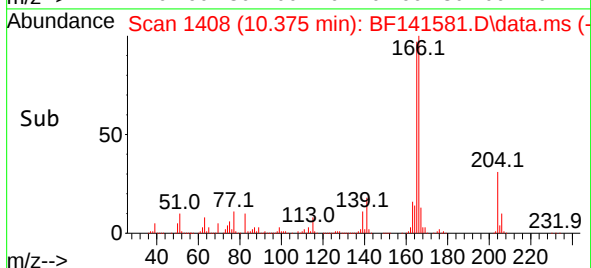
Tgt Ion:165 Resp: 185553
Ion Ratio Lower Upper
165 100
63 57.8 46.4 69.6
89 76.3 61.8 92.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 42.934 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17



Tgt Ion:166 Resp: 584631
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.4 10.7 16.1

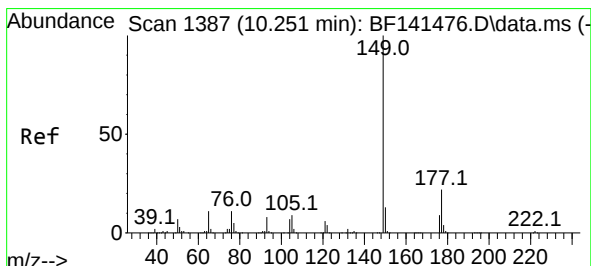
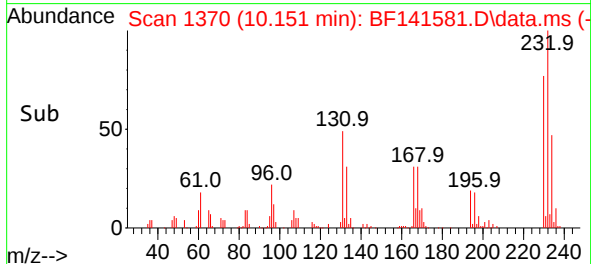
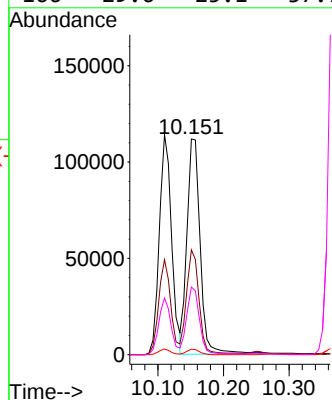
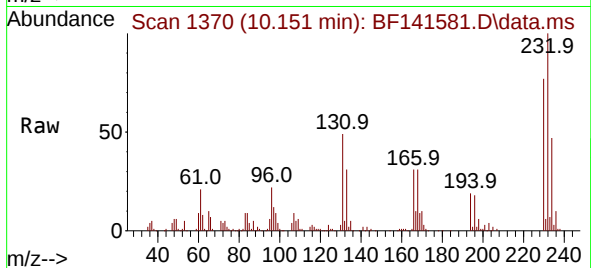




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.636 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

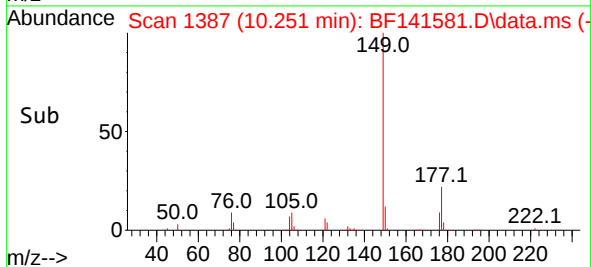
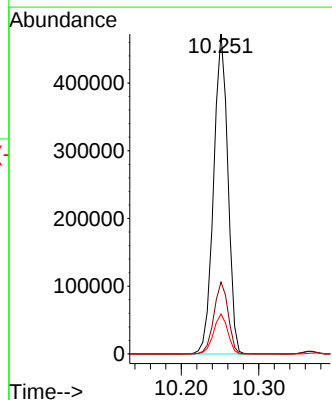
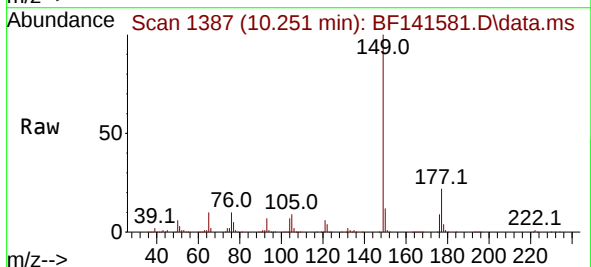
Instrument :
BNA_F
ClientSampleId :
PB166679BS

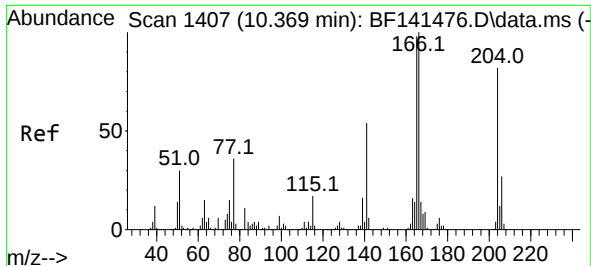
Tgt Ion:232 Resp: 155687
Ion Ratio Lower Upper
232 100
131 46.4 39.2 58.8
130 2.4 2.1 3.1
166 29.6 25.1 37.7



#60
Diethylphthalate
Concen: 43.141 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:149 Resp: 603079
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.4 10.1 15.1

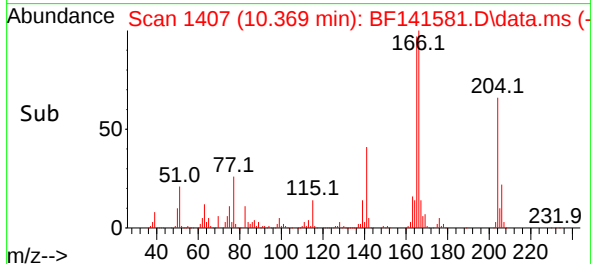
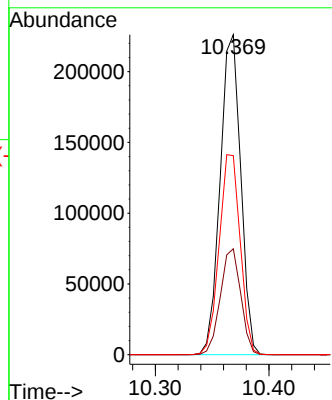
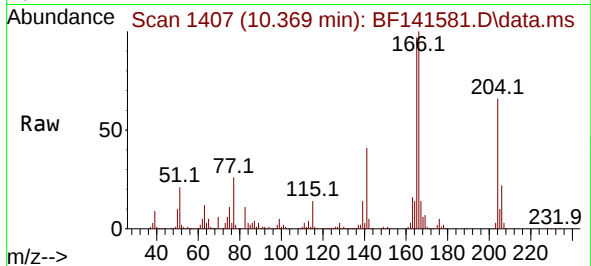




#61
4-Chlorophenyl-phenylether
Concen: 43.507 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

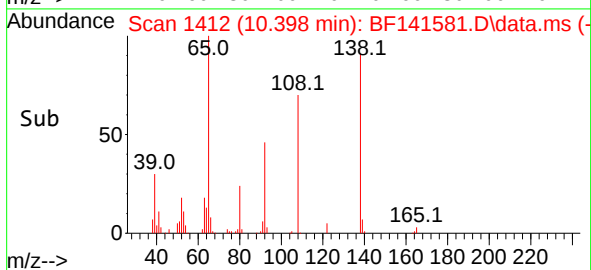
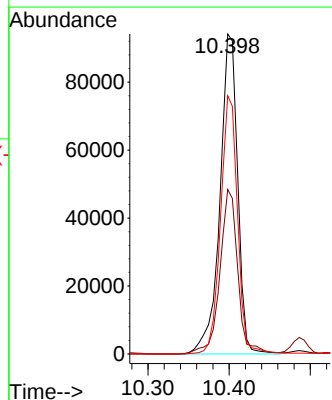
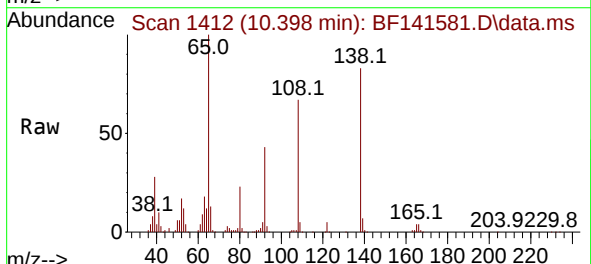
Instrument :
BNA_F
ClientSampleId :
PB166679BS

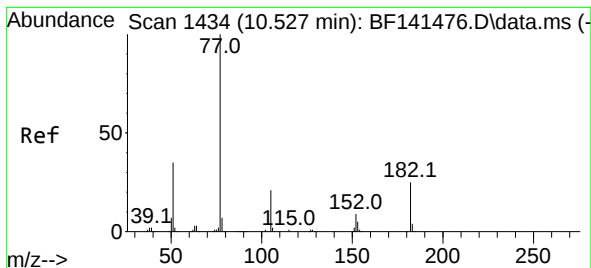
Tgt Ion:204 Resp: 285010
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 62.2 51.9 77.9



#62
4-Nitroaniline
Concen: 42.264 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:138 Resp: 143467
Ion Ratio Lower Upper
138 100
92 51.4 31.3 71.3
108 80.7 63.7 103.7

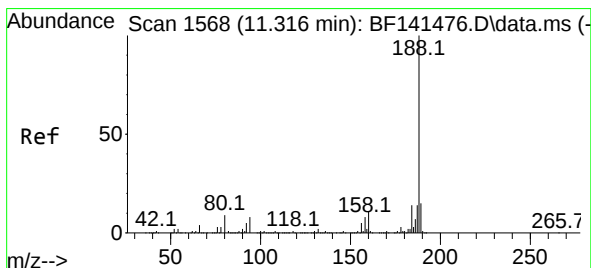
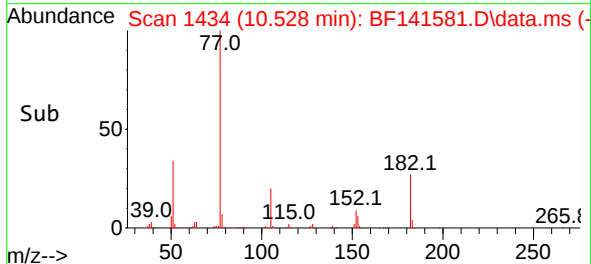
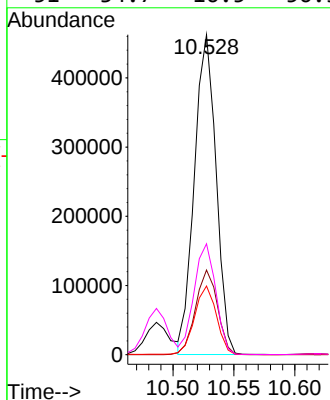
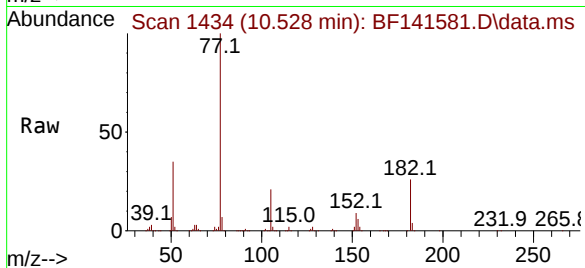




#63
Azobenzene
Concen: 41.187 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

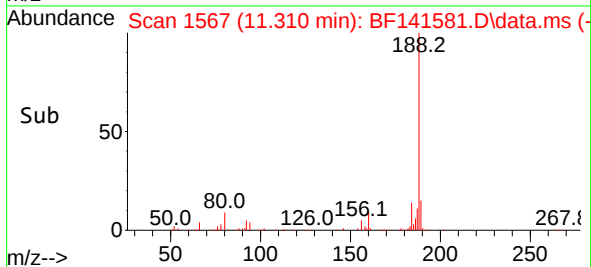
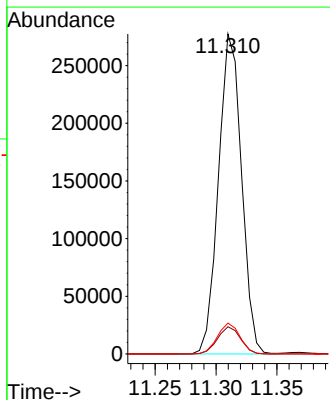
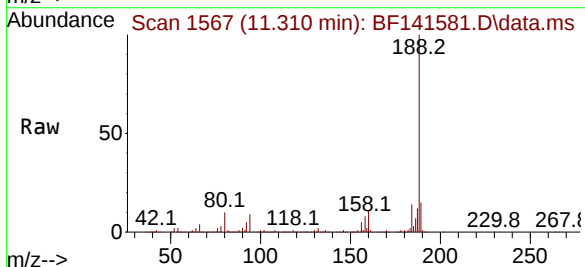
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion: 77	Resp: 572393
Ion Ratio	Lower Upper
77 100	
182 26.4	4.7 44.7
105 21.4	0.4 40.4
51 34.7	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt	Ion:188	Resp:	365418
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.7	7.3	10.9

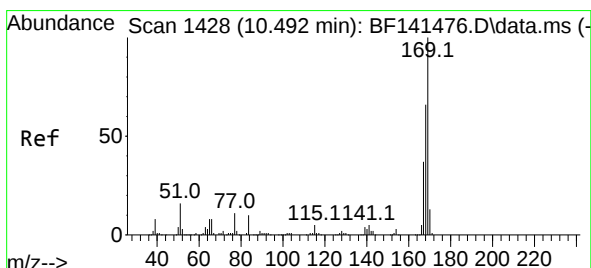
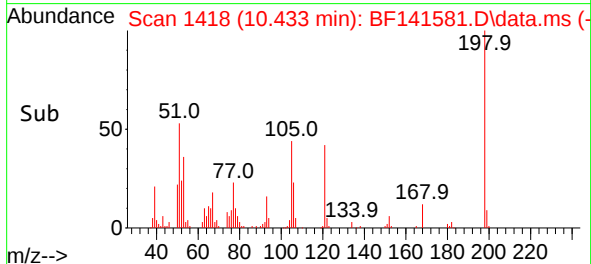
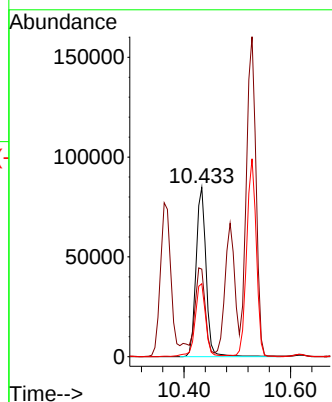
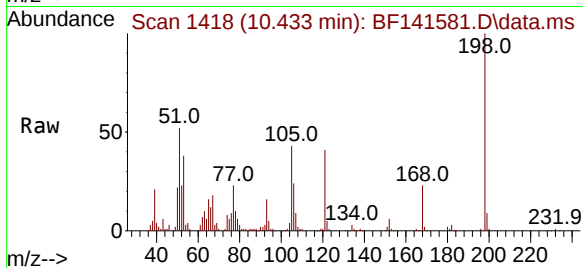




#65
4,6-Dinitro-2-methylphenol
Concen: 43.756 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

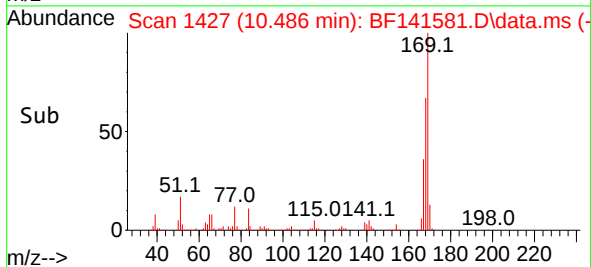
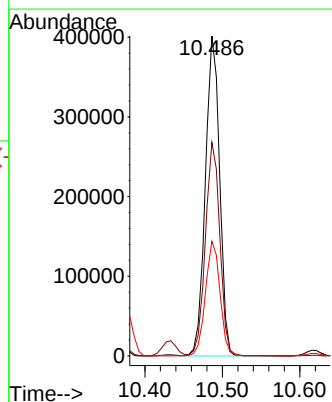
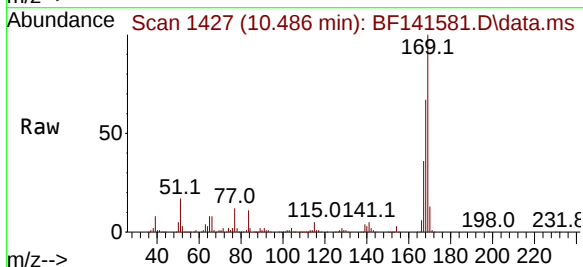
Instrument :
BNA_F
ClientSampleId :
PB166679BS

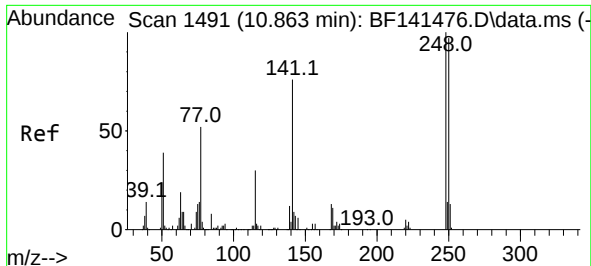
Tgt Ion:198 Resp: 111069
Ion Ratio Lower Upper
198 100
51 51.7 37.4 77.4
105 43.1 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 43.899 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

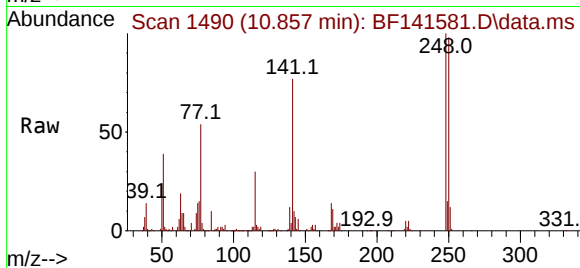
Tgt Ion:169 Resp: 513508
Ion Ratio Lower Upper
169 100
168 66.8 53.3 79.9
167 35.9 29.4 44.2



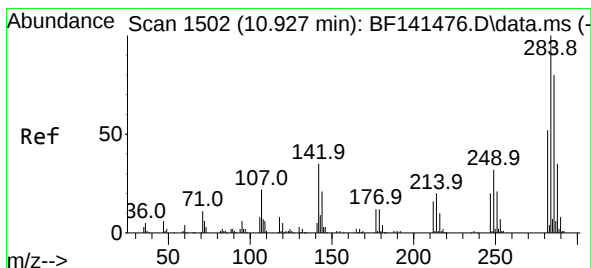
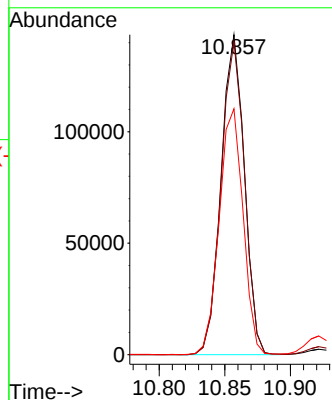
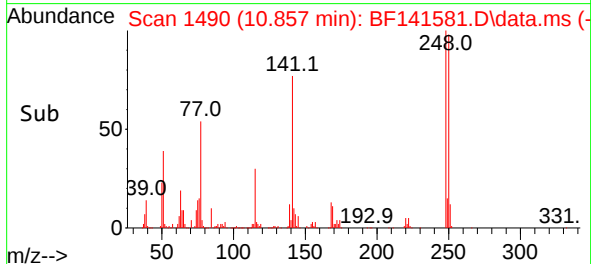


#67
4-Bromophenyl-phenylether
Concen: 43.528 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

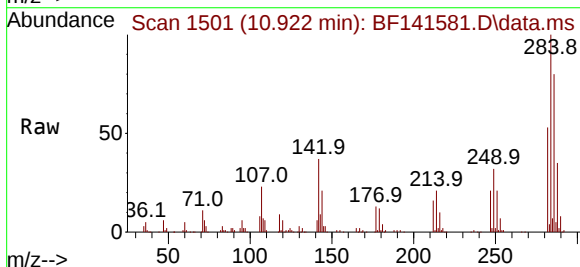
Instrument :
BNA_F
ClientSampleId :
PB166679BS



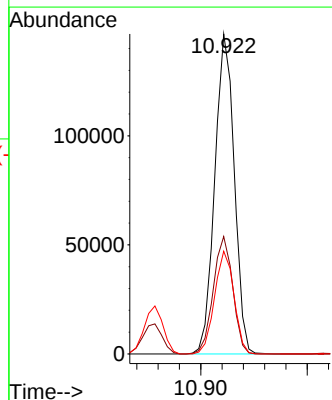
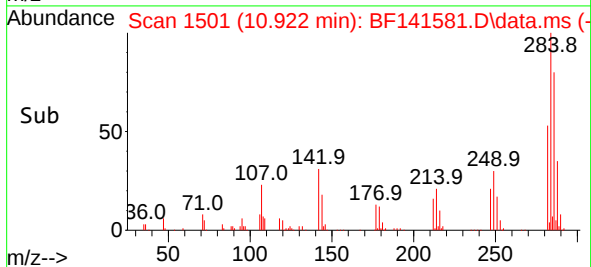
Tgt Ion:248 Resp: 177769
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 76.9 60.6 90.8

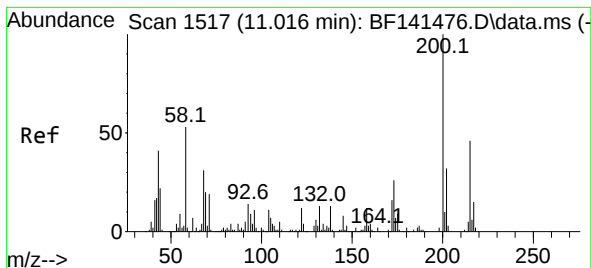


#68
Hexachlorobenzene
Concen: 44.226 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17



Tgt Ion:284 Resp: 185989
Ion Ratio Lower Upper
284 100
142 36.7 28.0 42.0
249 32.1 25.8 38.8





#69

Atrazine

Concen: 58.291 ng

RT: 11.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB166679BS

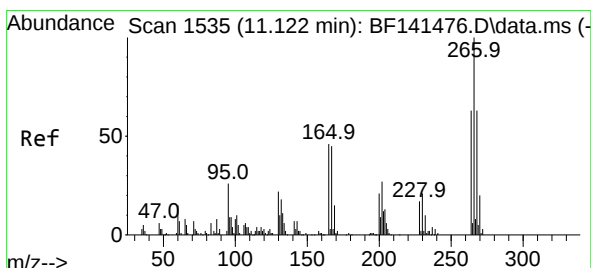
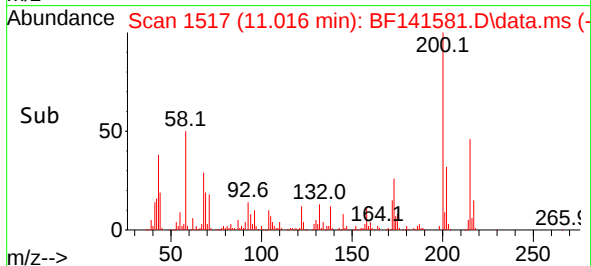
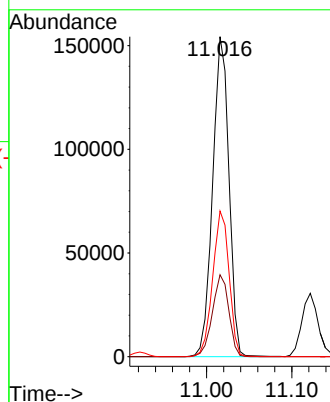
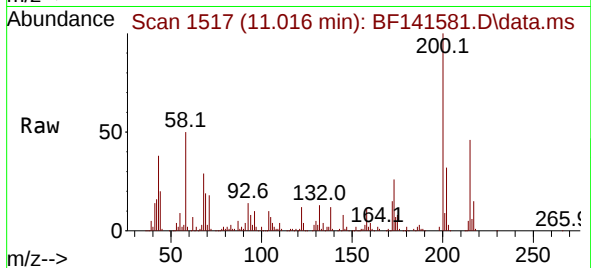
Tgt Ion:200 Resp: 204558

Ion Ratio Lower Upper

200 100

173 25.6 5.9 45.9

215 45.5 25.9 65.9



#70

Pentachlorophenol

Concen: 81.483 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

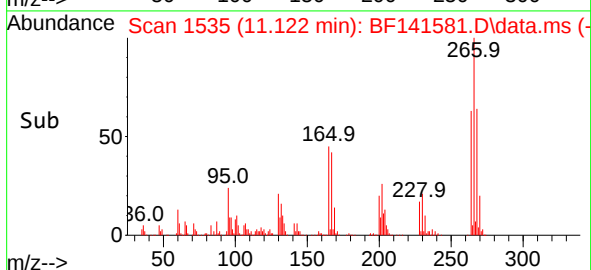
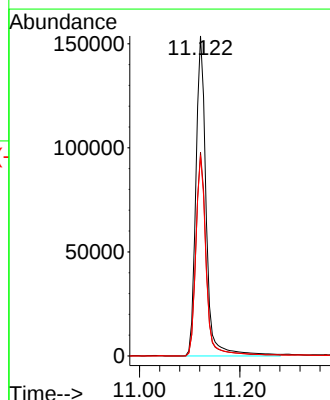
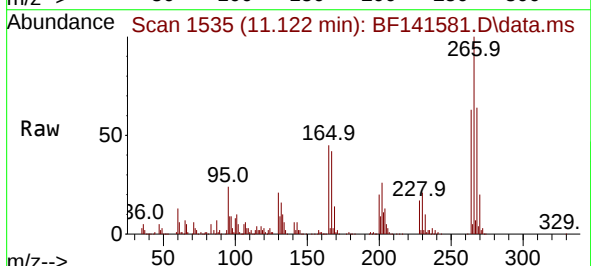
Tgt Ion:266 Resp: 219112

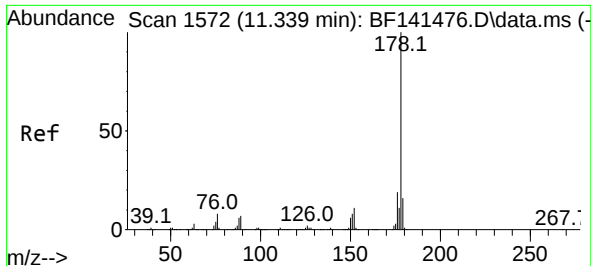
Ion Ratio Lower Upper

266 100

268 63.6 50.1 75.1

264 62.6 50.1 75.1

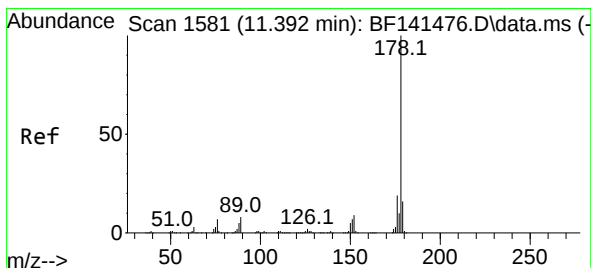
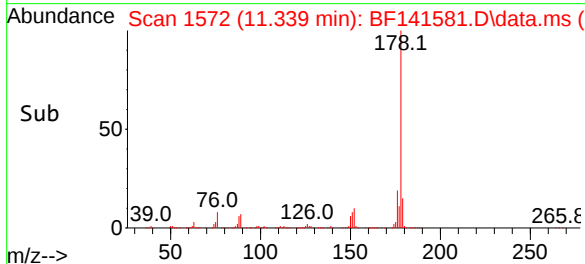
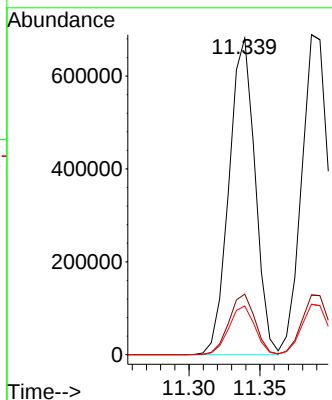
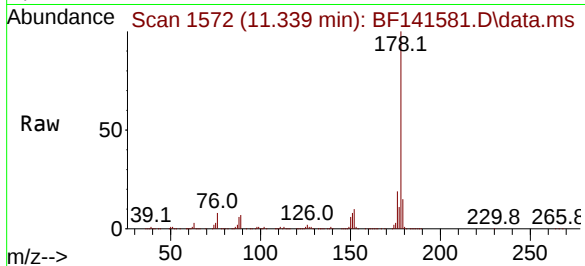




#71
Phenanthrene
Concen: 43.366 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

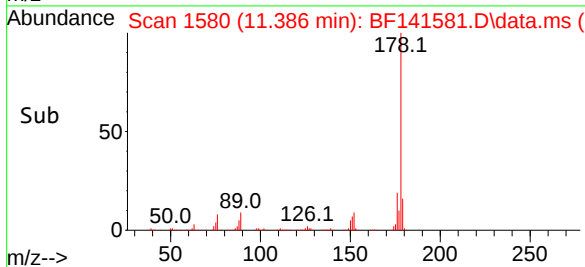
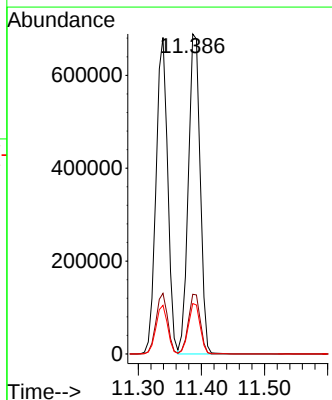
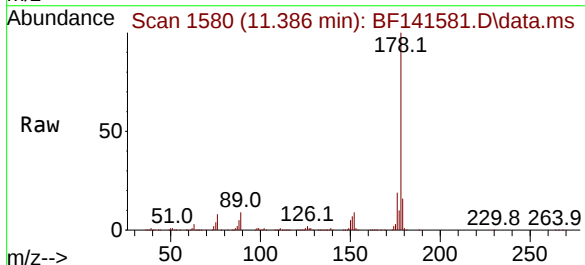
Instrument :
BNA_F
ClientSampleId :
PB166679BS

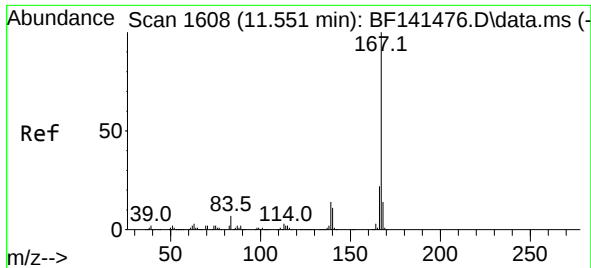
Tgt Ion:178 Resp: 872285
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 44.453 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:178 Resp: 898842
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.8 12.4 18.6

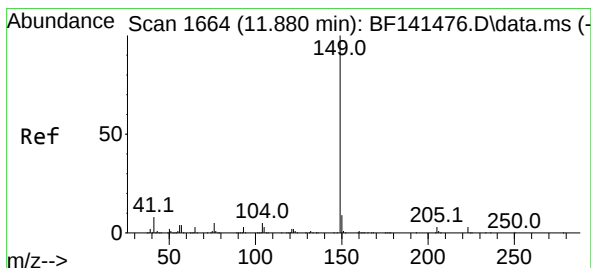
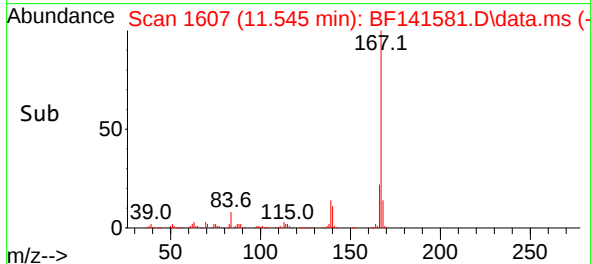
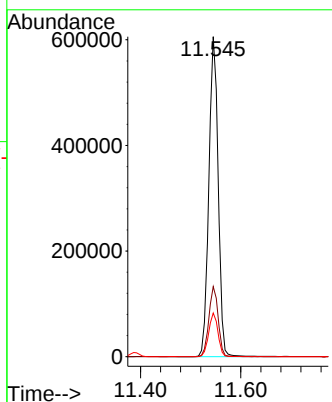
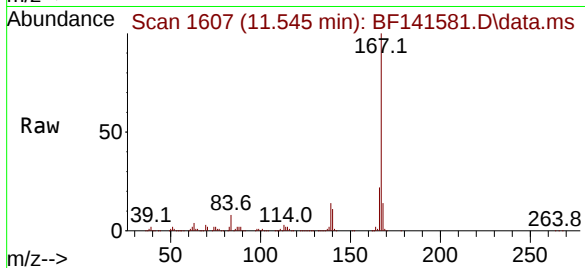




#73
Carbazole
Concen: 42.997 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

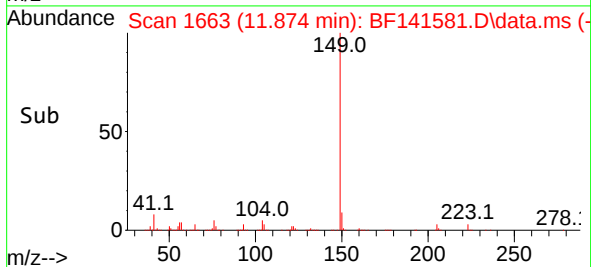
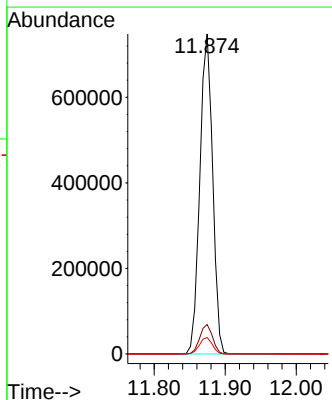
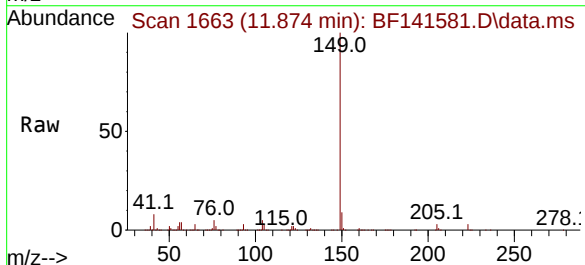
Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion:167 Resp: 782274
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.7 10.9 16.3



#74
Di-n-butylphthalate
Concen: 44.695 ng
RT: 11.874 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:149 Resp: 938939
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.2 6.2

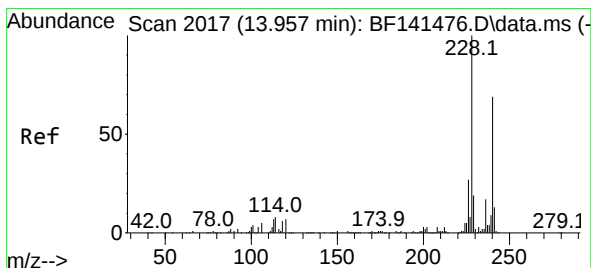
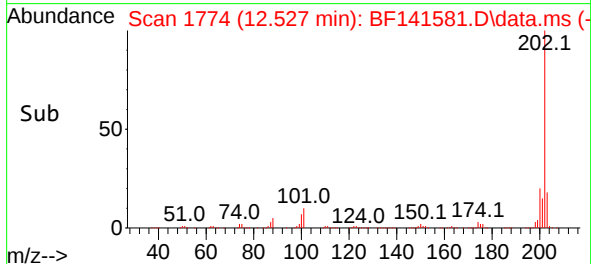
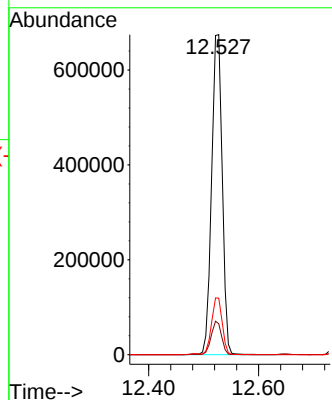
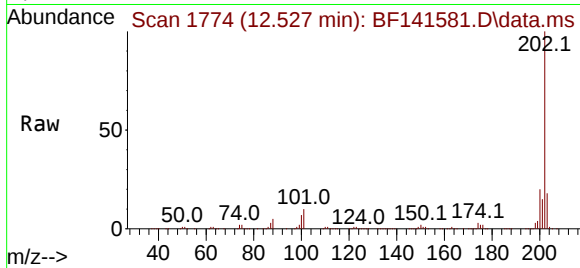




#75
Fluoranthene
Concen: 42.500 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

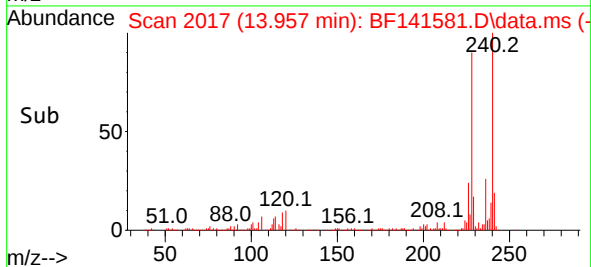
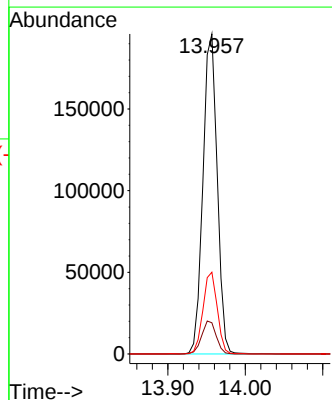
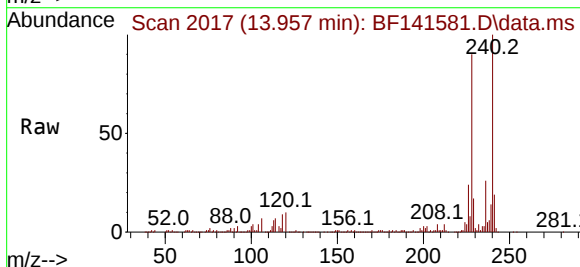
Instrument :
BNA_F
ClientSampleId :
PB166679BS

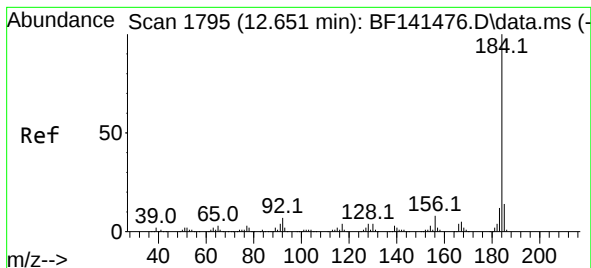
Tgt Ion:202 Resp: 906330
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:240 Resp: 250519
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.6 19.8 29.8





#77

Benzidine

Concen: 54.371 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB166679BS

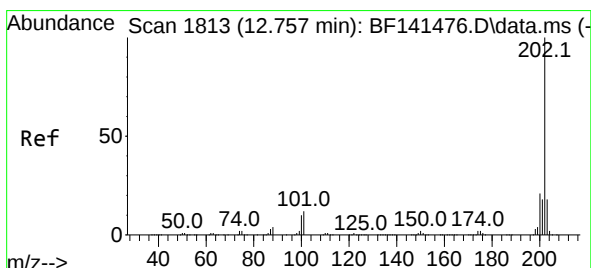
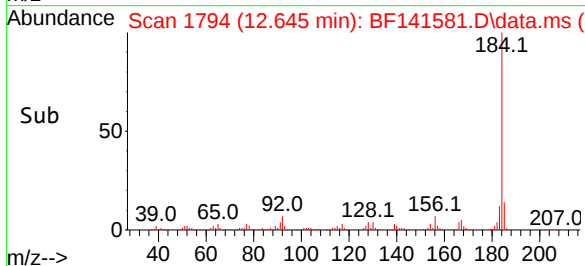
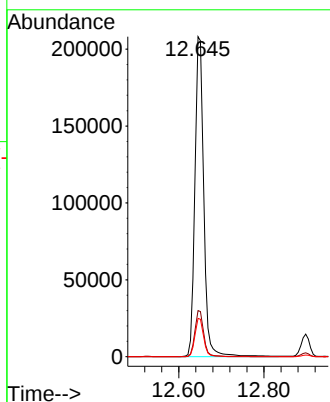
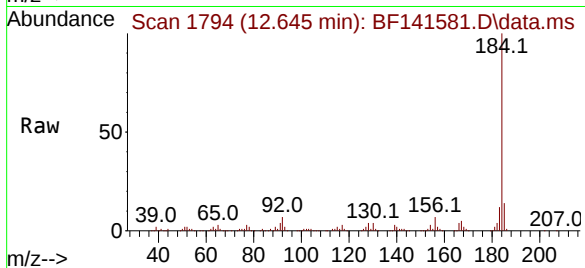
Tgt Ion:184 Resp: 300401

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 12.0 9.3 13.9



#78

Pyrene

Concen: 42.867 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

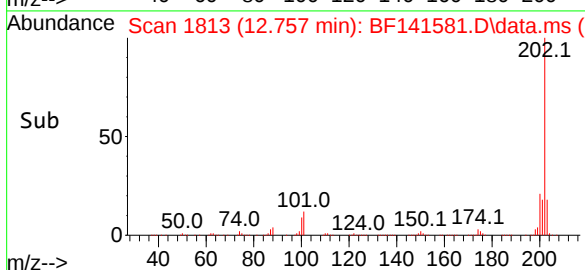
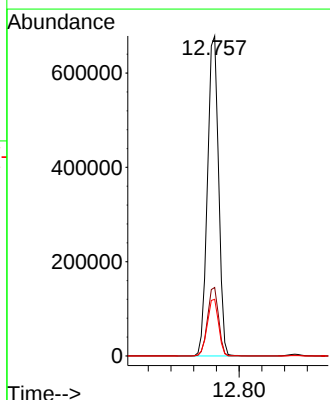
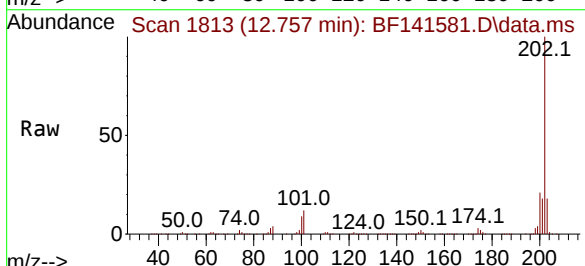
Tgt Ion:202 Resp: 914169

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 99.118 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB166679BS

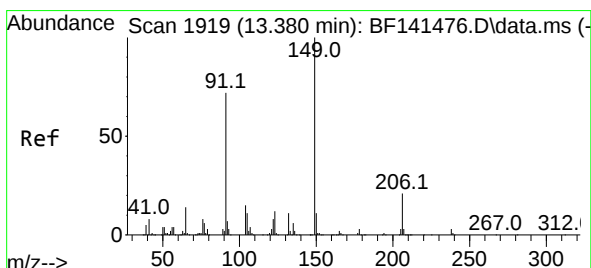
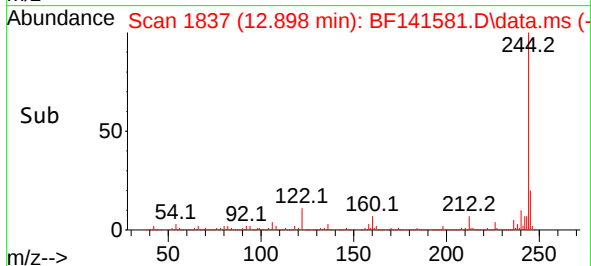
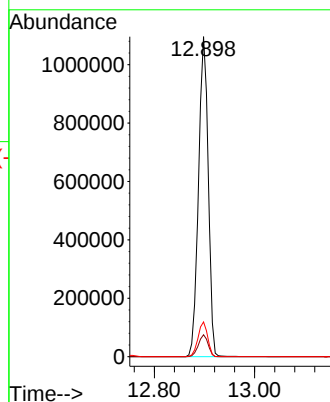
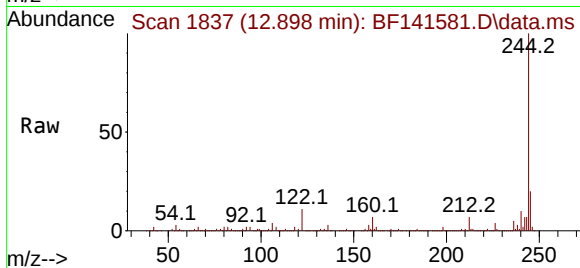
Tgt Ion:244 Resp: 1470870

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.9 8.4 12.6



#80

Butylbenzylphthalate

Concen: 47.268 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

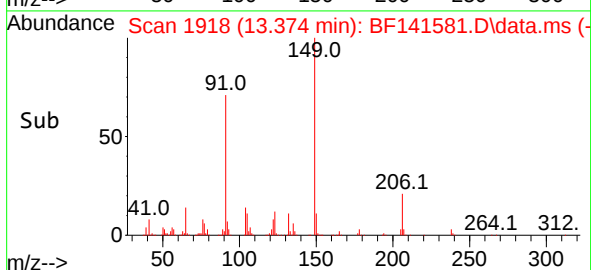
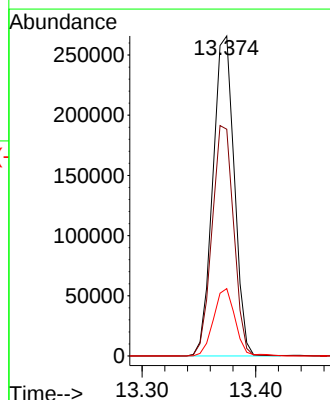
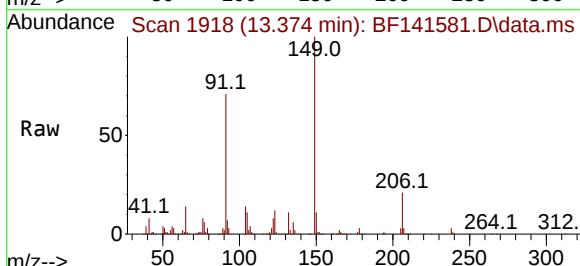
Tgt Ion:149 Resp: 349154

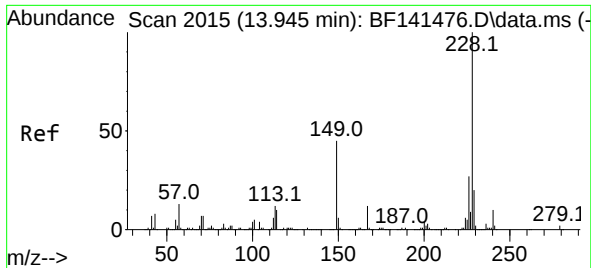
Ion Ratio Lower Upper

149 100

91 70.8 57.8 86.8

206 21.1 16.7 25.1

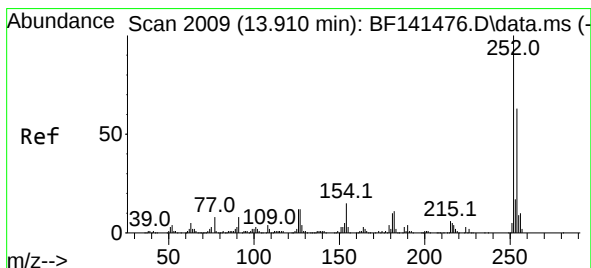
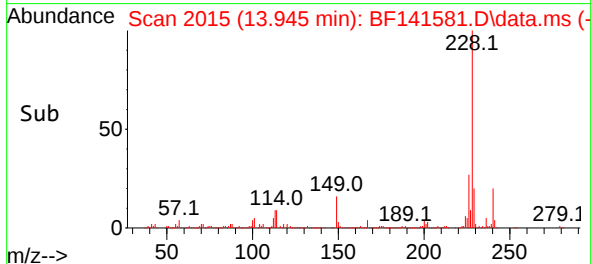
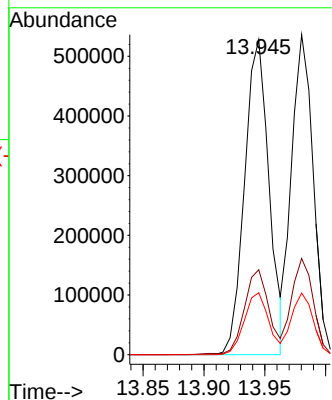
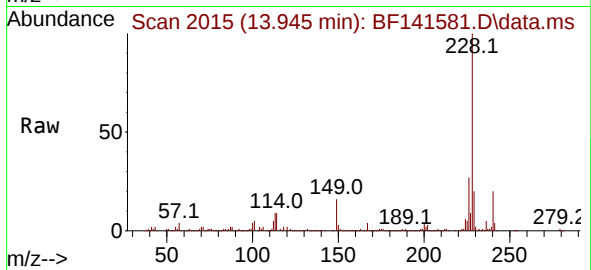




#81
Benzo(a)anthracene
Concen: 44.262 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

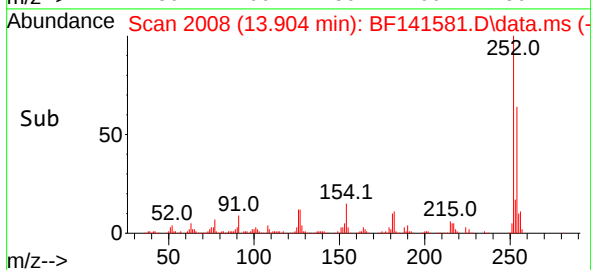
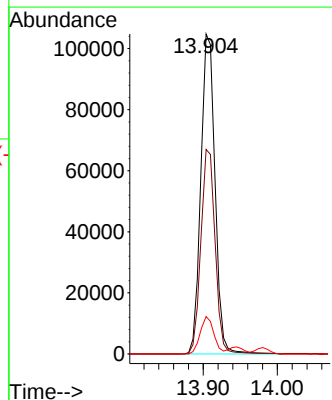
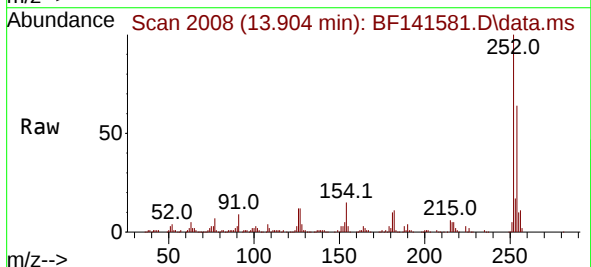
Instrument :
BNA_F
ClientSampleId :
PB166679BS

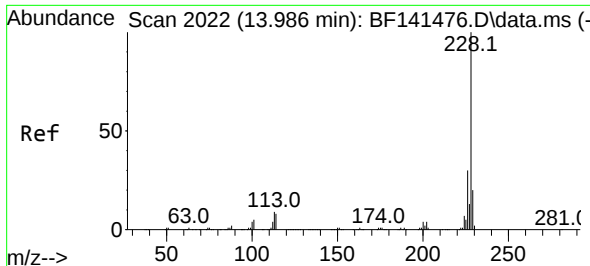
Tgt Ion:228 Resp: 737087
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 29.246 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:252 Resp: 139513
Ion Ratio Lower Upper
252 100
254 63.9 50.6 76.0
126 11.7 9.3 13.9

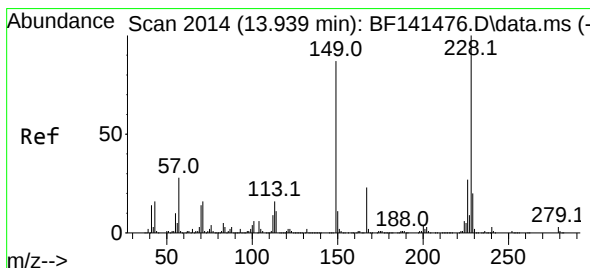
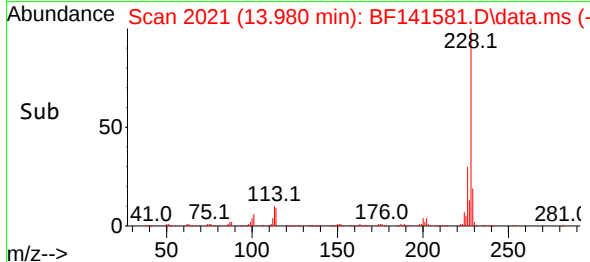
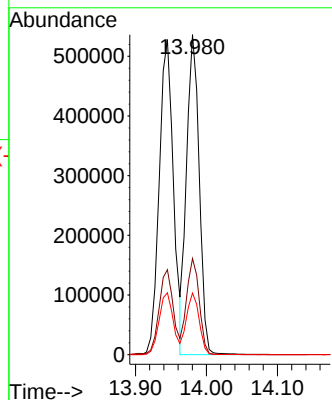
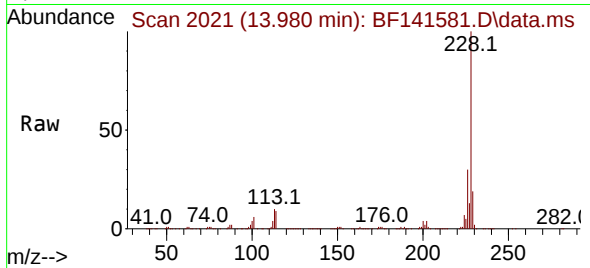




#83
Chrysene
Concen: 43.201 ng
RT: 13.980 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

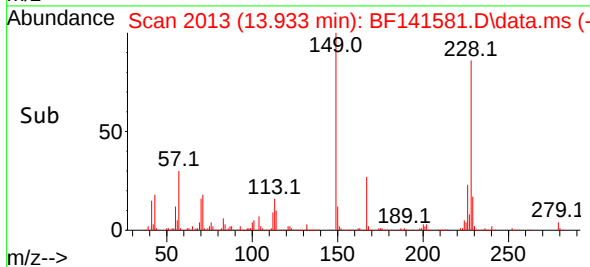
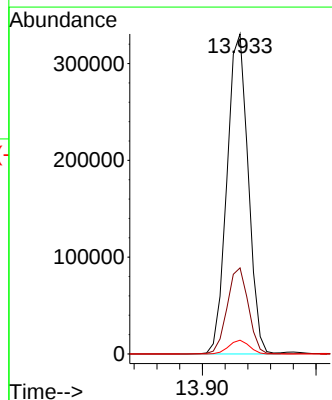
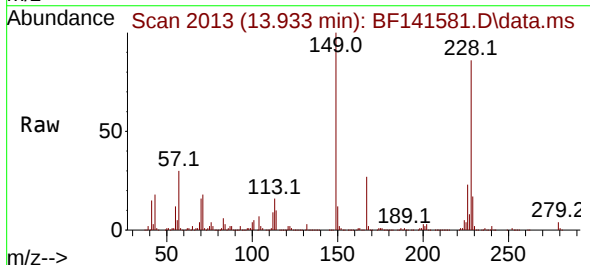
Instrument :
BNA_F
ClientSampleId :
PB166679BS

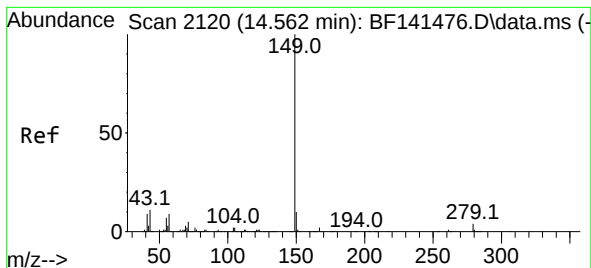
Tgt Ion:228 Resp: 664274
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.3 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.436 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:149 Resp: 428517
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.703 ng

RT: 14.551 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB166679BS

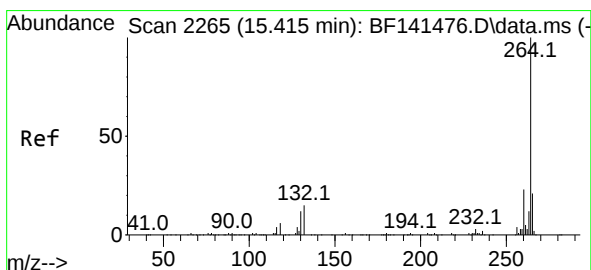
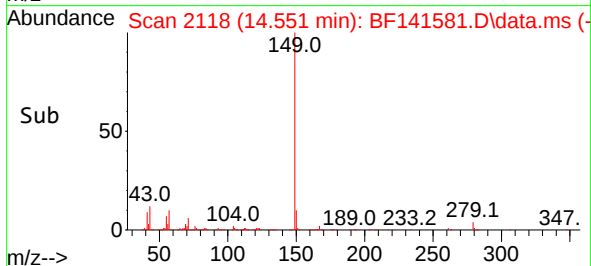
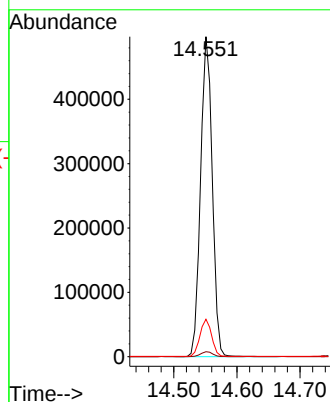
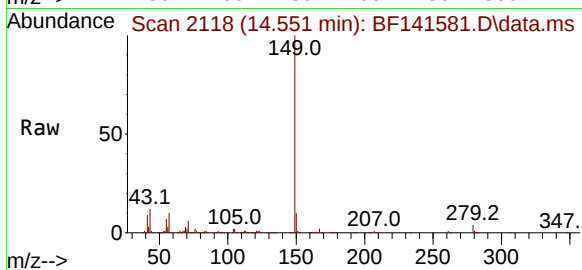
Tgt Ion:149 Resp: 638253

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF141581.D

Acq: 12 Feb 2025 11:17

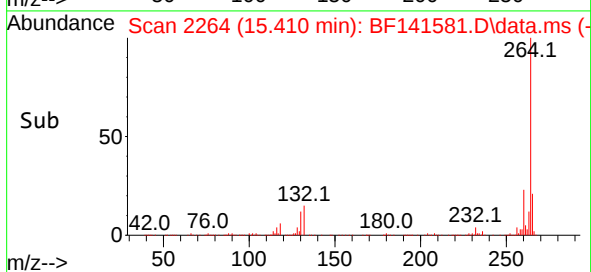
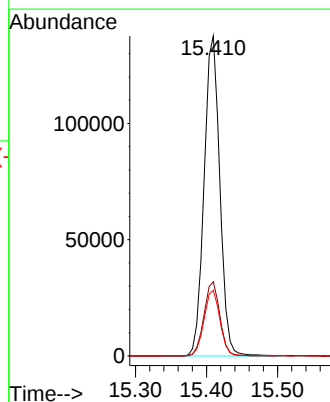
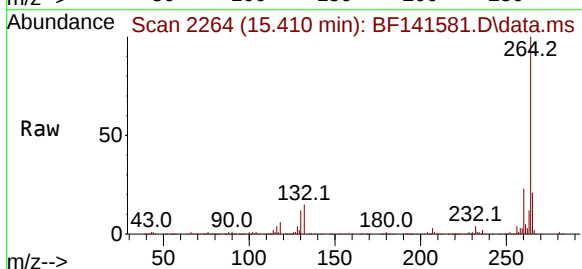
Tgt Ion:264 Resp: 212201

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 20.5 17.0 25.4

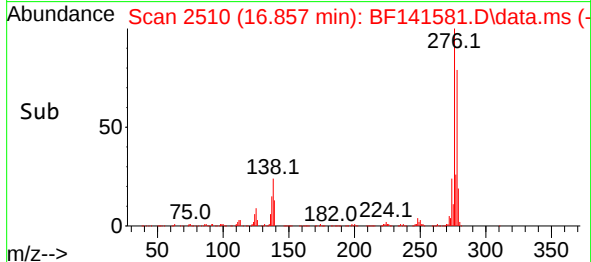
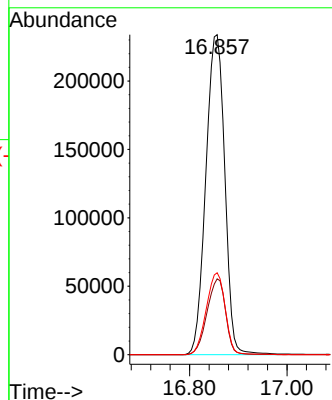
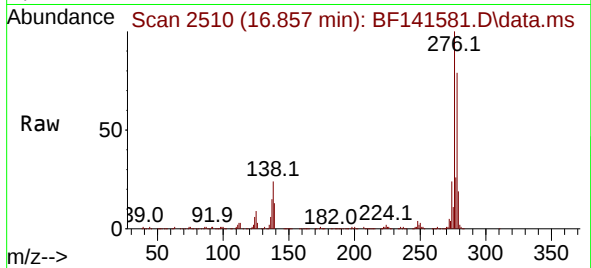




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.081 ng
 RT: 16.857 min Scan# 211
 Delta R.T. -0.018 min
 Lab File: BF141581.D
 Acq: 12 Feb 2025 11:17

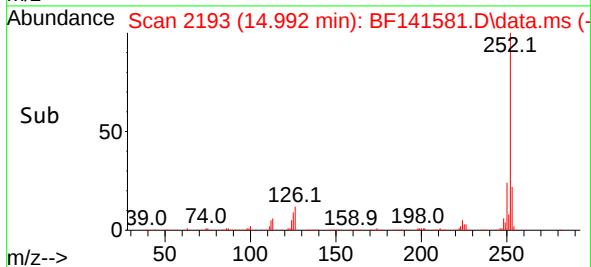
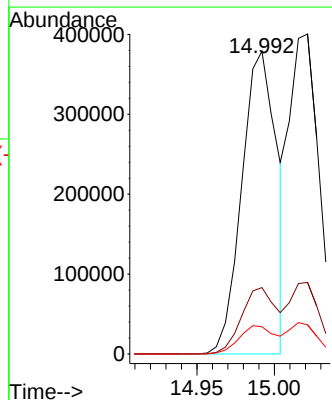
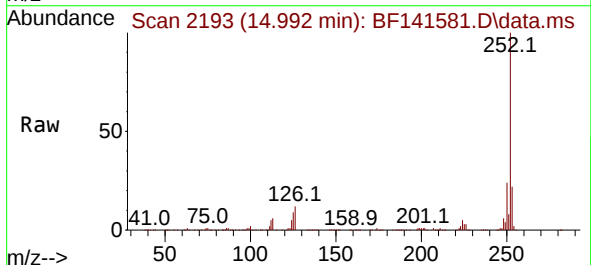
Instrument :
 BNA_F
 ClientSampleId :
 PB166679BS

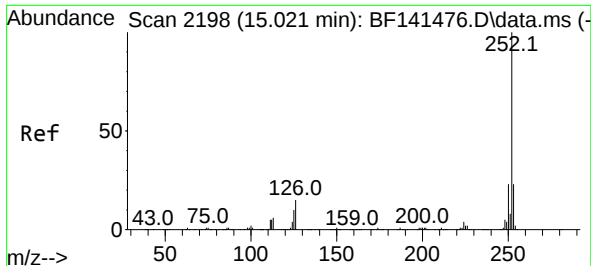
Tgt Ion:276 Resp: 630429
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.0 27.0
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 41.649 ng
 RT: 14.992 min Scan# 2193
 Delta R.T. -0.012 min
 Lab File: BF141581.D
 Acq: 12 Feb 2025 11:17

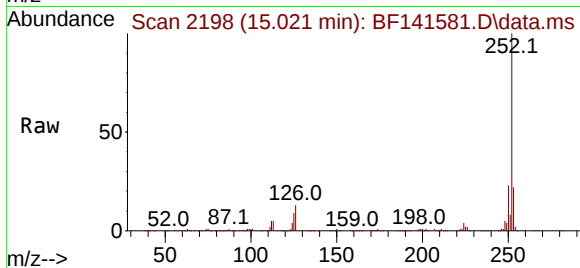
Tgt Ion:252 Resp: 593433
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.0 7.0 10.6



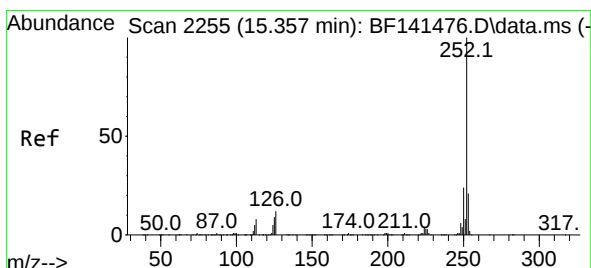
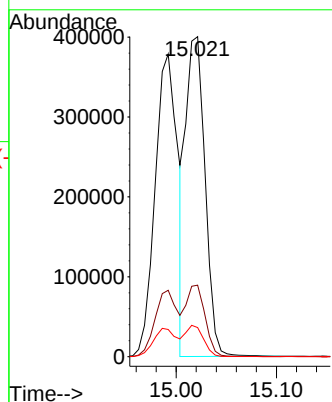
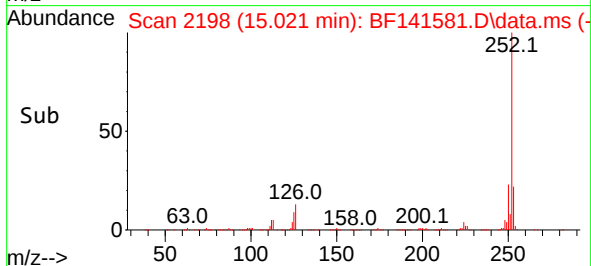


#89
Benzo(k)fluoranthene
Concen: 44.059 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB166679BS

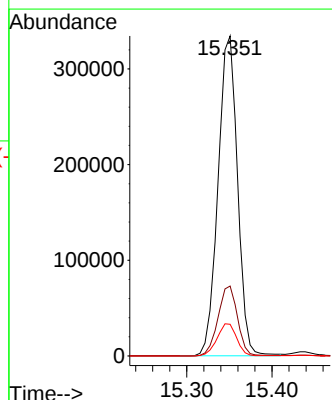
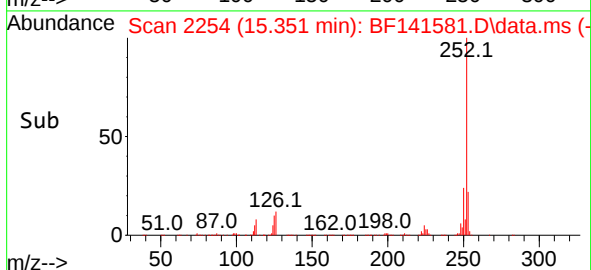
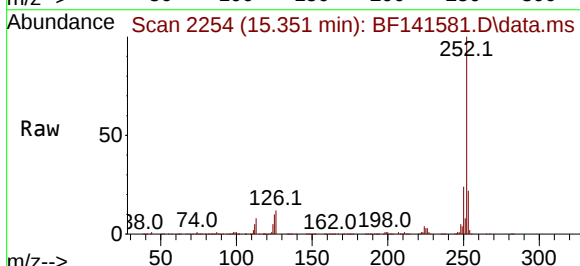


Tgt Ion:252 Resp: 536050
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.002 ng
RT: 15.351 min Scan# 2254
Delta R.T. -0.012 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:252 Resp: 530366
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.9 7.4 11.2

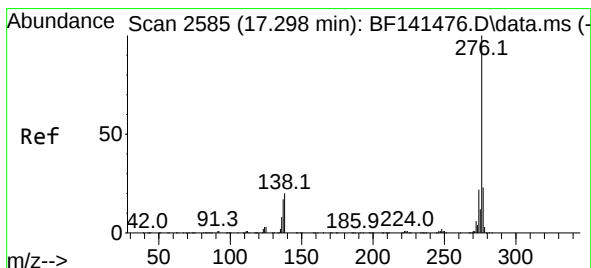
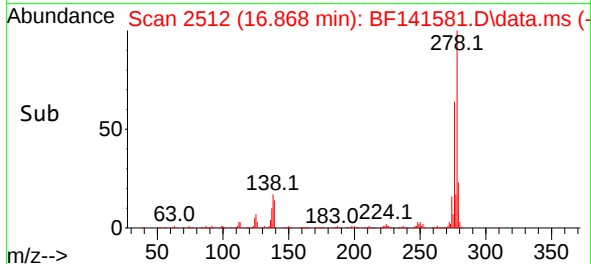
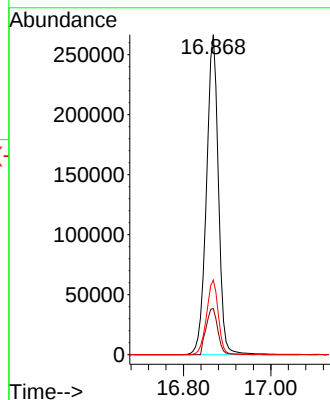
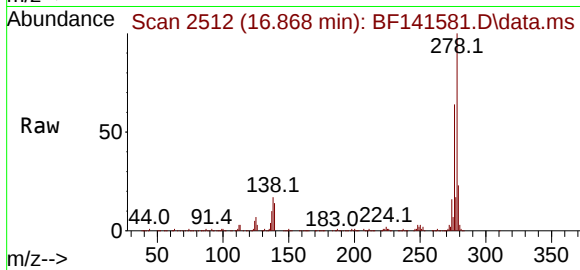




#91
Dibenzo(a,h)anthracene
Concen: 47.799 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB166679BS

Tgt Ion:278 Resp: 507829
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.6
279 23.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.686 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141581.D
Acq: 12 Feb 2025 11:17

Tgt Ion:276 Resp: 496816
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 20.7 15.9 23.9

