

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141181.D
 Acq On : 16 Jan 2025 13:21
 Operator : RC/JU
 Sample : PB166074BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166074BS

Quant Time: Jan 16 13:43:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	139254	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	573376	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	309852	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	544489	20.000	ng	0.00
76) Chrysene-d12	13.986	240	391544	20.000	ng	0.00
86) Perylene-d12	15.451	264	324946	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1256489	139.387	ng	0.00
7) Phenol-d6	6.446	99	1595311	139.712	ng	0.00
23) Nitrobenzene-d5	7.381	82	1029810	95.206	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	569271	161.241	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1944736	95.842	ng	0.00
79) Terphenyl-d14	12.933	244	2427999	92.167	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	168665	42.017	ng	99
3) Pyridine	3.369	79	427050	43.382	ng	97
4) n-Nitrosodimethylamine	3.316	42	237797	49.405	ng	97
6) Aniline	6.475	93	436851	43.091	ng	96
8) 2-Chlorophenol	6.598	128	506555	52.377	ng	97
9) Benzaldehyde	6.363	77	160394	23.850	ng	98
10) Phenol	6.457	94	600436	49.123	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	463350	50.866	ng	97
12) 1,3-Dichlorobenzene	6.751	146	520665	48.270	ng	99
13) 1,4-Dichlorobenzene	6.834	146	526817	48.467	ng	99
14) 1,2-Dichlorobenzene	6.981	146	509391	50.240	ng	98
15) Benzyl Alcohol	6.957	79	441337	53.520	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	644182	50.677	ng	96
17) 2-Methylphenol	7.069	107	407974	52.251	ng	98
18) Hexachloroethane	7.328	117	193910	49.331	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	344687	51.245	ng	99
20) 3+4-Methylphenols	7.222	107	507008	51.469	ng	# 82
22) Acetophenone	7.222	105	670212	49.170	ng	# 93
24) Nitrobenzene	7.398	77	521721	46.279	ng	99
25) Isophorone	7.640	82	942105	50.965	ng	98
26) 2-Nitrophenol	7.710	139	258557	50.420	ng	95
27) 2,4-Dimethylphenol	7.751	122	411465	59.486	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	574914	49.557	ng	100
29) 2,4-Dichlorophenol	7.951	162	416709	50.725	ng	100
30) 1,2,4-Trichlorobenzene	8.040	180	435983	46.430	ng	100
31) Naphthalene	8.122	128	1440732	47.647	ng	100
32) Benzoic acid	7.869	122	324560	48.914	ng	100
33) 4-Chloroaniline	8.163	127	226330	21.643	ng	99
34) Hexachlorobutadiene	8.240	225	273608	48.357	ng	98
35) Caprolactam	8.534	113	135635m	50.430	ng	
36) 4-Chloro-3-methylphenol	8.651	107	467000	51.979	ng	98
37) 2-Methylnaphthalene	8.810	142	957803	49.709	ng	100
38) 1-Methylnaphthalene	8.910	142	896055	47.187	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	442182	49.721	ng	99
41) Hexachlorocyclopentadiene	8.969	237	569030	195.570	ng	99
43) 2,4,6-Trichlorophenol	9.087	196	321791	53.649	ng	100

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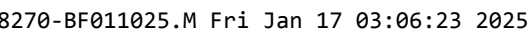
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	304105	48.007	ng	99
46) 1,1'-Biphenyl	9.281	154	1182521	49.142	ng	99
47) 2-Chloronaphthalene	9.304	162	895019	47.754	ng	100
48) 2-Nitroaniline	9.398	65	283950	51.109	ng	99
49) Acenaphthylene	9.716	152	1413974	52.806	ng	100
50) Dimethylphthalate	9.581	163	1089247	52.364	ng	100
51) 2,6-Dinitrotoluene	9.639	165	242668	50.166	ng	96
52) Acenaphthene	9.892	154	1053712	56.325	ng	99
53) 3-Nitroaniline	9.804	138	147119	29.928	ng	98
54) 2,4-Dinitrophenol	9.916	184	272811	118.651	ng	95
55) Dibenzofuran	10.063	168	1286970	50.576	ng	99
56) 4-Nitrophenol	9.969	139	421753	109.551	ng	94
57) 2,4-Dinitrotoluene	10.045	165	331260	53.138	ng	97
58) Fluorene	10.404	166	1004321	50.803	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	283146	53.774	ng	99
60) Diethylphthalate	10.281	149	1069265	52.653	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	491996	51.062	ng	98
62) 4-Nitroaniline	10.422	138	246411	51.215	ng	95
63) Azobenzene	10.557	77	1031960	51.500	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	185993	58.949	ng	99
66) n-Nitrosodiphenylamine	10.516	169	908887	51.752	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	323645	51.629	ng	98
68) Hexachlorobenzene	10.951	284	360032	51.594	ng	100
69) Atrazine	11.045	200	321719	68.034	ng	99
70) Pentachlorophenol	11.145	266	466726	104.439	ng	100
71) Phenanthrene	11.369	178	1546589	52.908	ng	100
72) Anthracene	11.422	178	1555748	54.734	ng	100
73) Carbazole	11.575	167	1378382	52.887	ng	100
74) Di-n-butylphthalate	11.910	149	1658134	55.593	ng	100
75) Fluoranthene	12.557	202	1620899	55.566	ng	99
77) Benzidine	12.675	184	420531	57.917	ng	98
78) Pyrene	12.786	202	1656083	44.283	ng	99
80) Butylbenzylphthalate	13.410	149	673149	53.988	ng	98
81) Benzo(a)anthracene	13.974	228	1277252	47.933	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	239537	28.231	ng	100
83) Chrysene	14.016	228	1247123	50.018	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	863885	57.744	ng	100
85) Di-n-octyl phthalate	14.592	149	1355285	59.991	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1185660	49.804	ng	98
88) Benzo(b)fluoranthene	15.027	252	1081322	51.606	ng	99
89) Benzo(k)fluoranthene	15.057	252	1029784	58.155	ng	100
90) Benzo(a)pyrene	15.386	252	980914	56.740	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	952489	49.468	ng	98
92) Benzo(g,h,i)perylene	17.351	276	891076	44.492	ng	99

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

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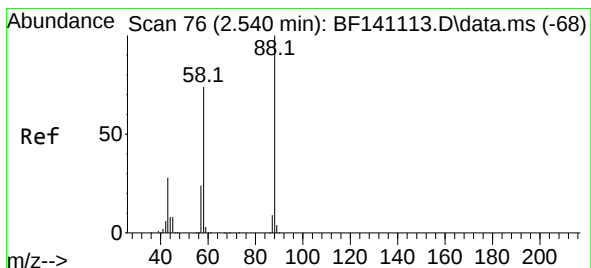
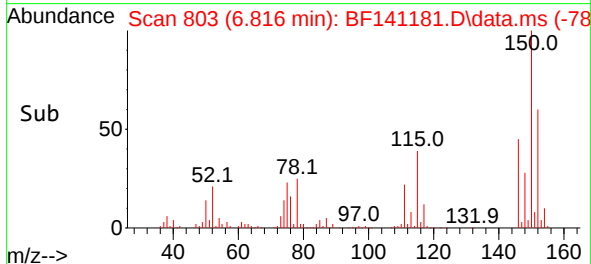
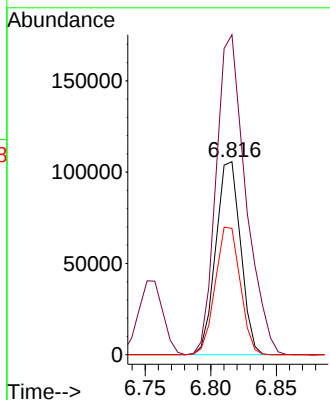
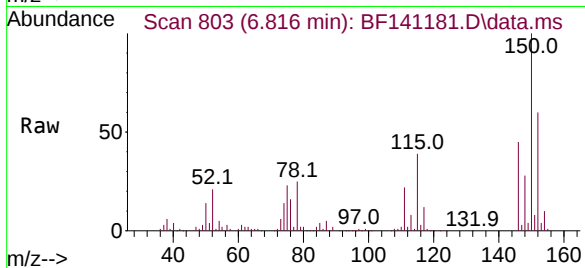




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141181.D
 Acq: 16 Jan 2025 13:21

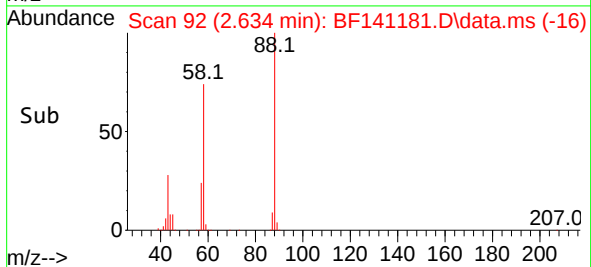
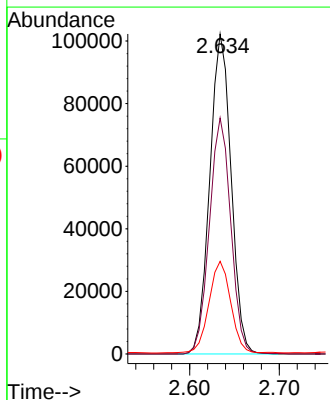
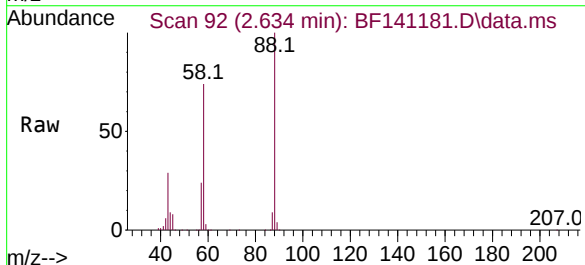
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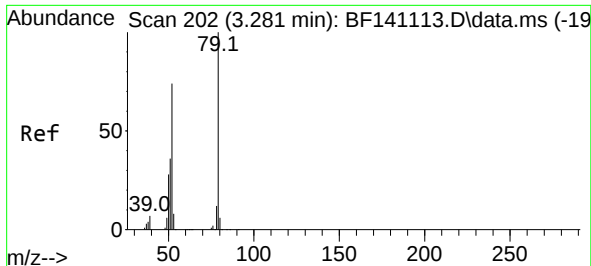
Tgt Ion:152 Resp: 139254
 Ion Ratio Lower Upper
 152 100
 150 165.9 125.8 188.8
 115 65.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 42.017 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF141181.D
 Acq: 16 Jan 2025 13:21

Tgt Ion: 88 Resp: 168665
 Ion Ratio Lower Upper
 88 100
 58 73.9 60.1 90.1
 43 29.3 23.1 34.7

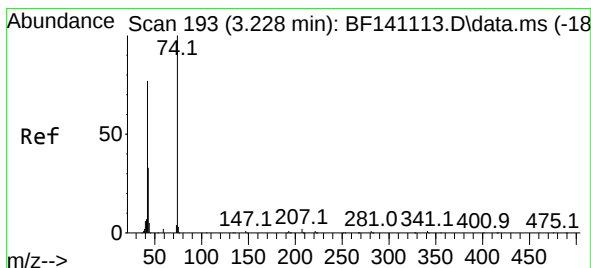
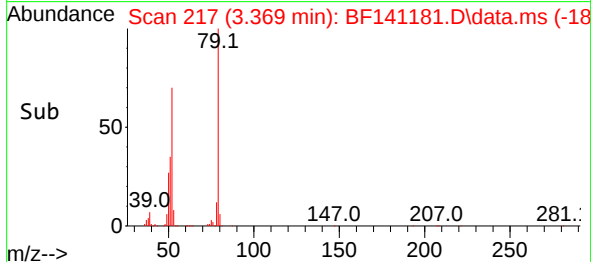
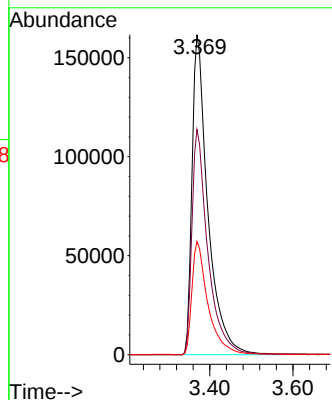
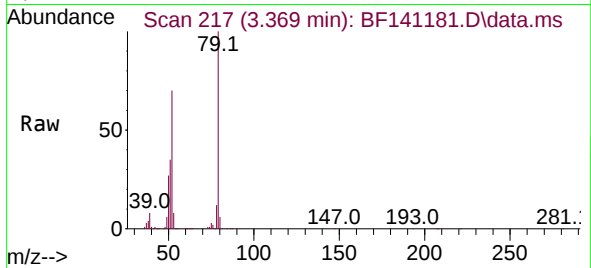




#3
 Pyridine
 Concen: 43.382 ng
 RT: 3.369 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF141181.D
 Acq: 16 Jan 2025 13:21

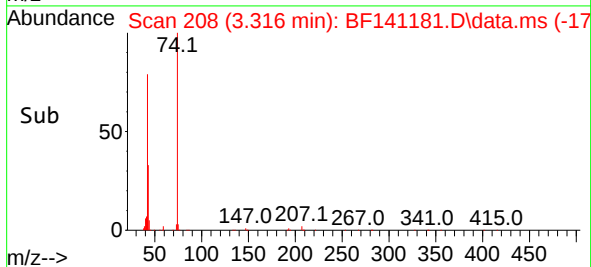
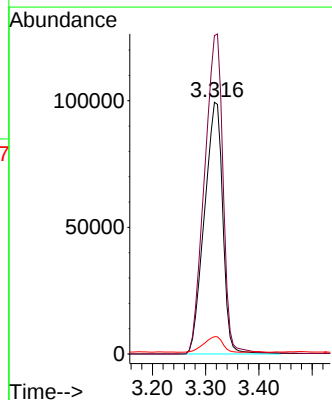
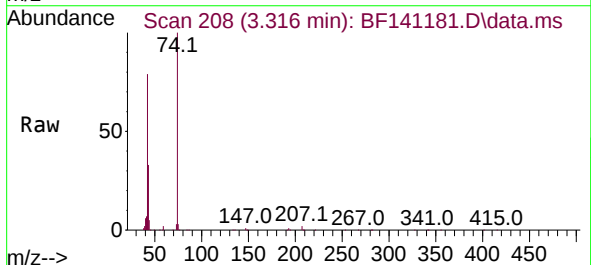
Instrument :
 BNA_F
 ClientSampleId :
 PB166074BS

Tgt Ion: 79 Resp: 427050
 Ion Ratio Lower Upper
 79 100
 52 70.3 58.9 88.3
 51 35.4 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 49.405 ng
 RT: 3.316 min Scan# 208
 Delta R.T. 0.088 min
 Lab File: BF141181.D
 Acq: 16 Jan 2025 13:21

Tgt Ion: 42 Resp: 237797
 Ion Ratio Lower Upper
 42 100
 74 126.5 103.8 155.6
 44 6.9 5.3 7.9

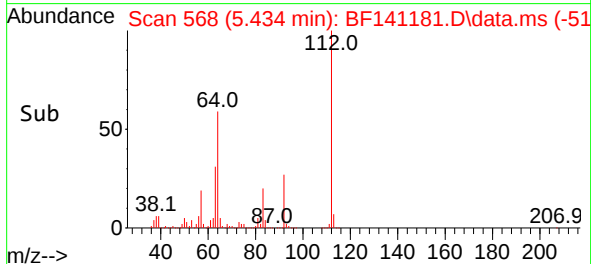
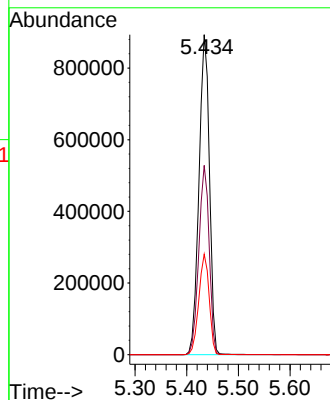
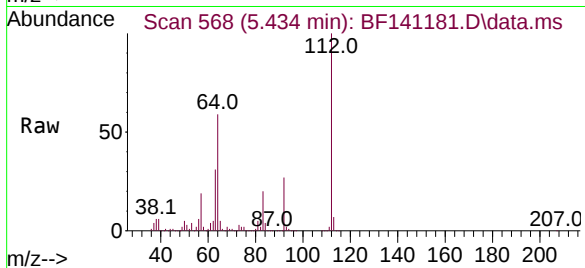




#5
2-Fluorophenol
Concen: 139.387 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

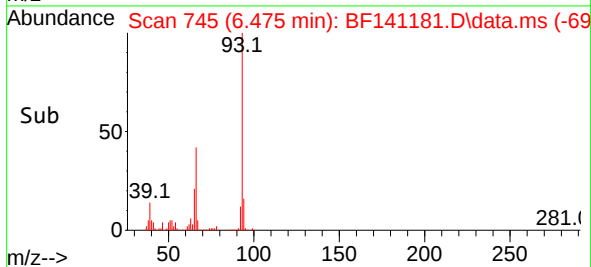
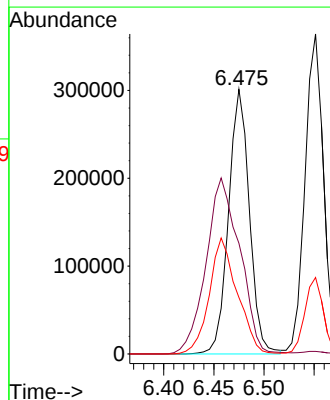
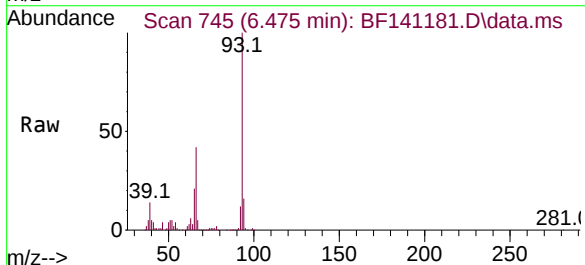
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:112 Resp: 1256489
Ion Ratio Lower Upper
112 100
64 59.2 47.3 70.9
63 31.4 24.2 36.2



#6
Aniline
Concen: 43.091 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

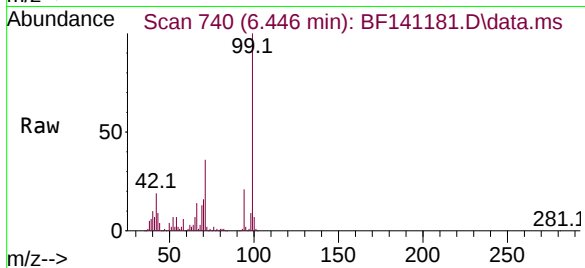
Tgt Ion: 93 Resp: 436851
Ion Ratio Lower Upper
93 100
66 41.9 31.5 47.3
65 21.3 15.3 22.9





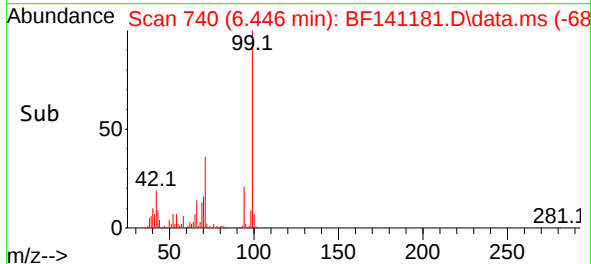
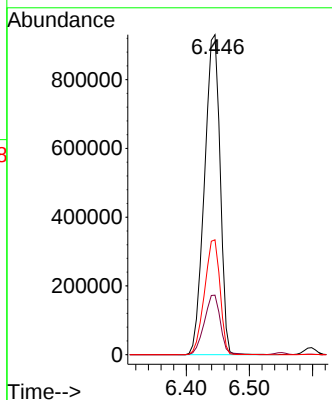
#7
Phenol-d6
Concen: 139.712 ng
RT: 6.446 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1595311

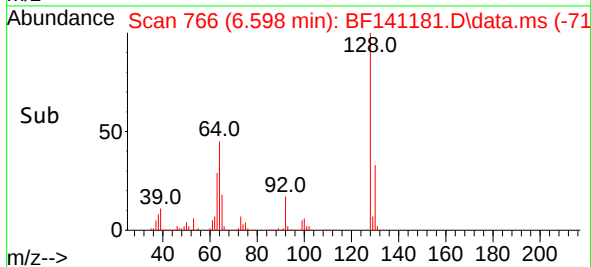
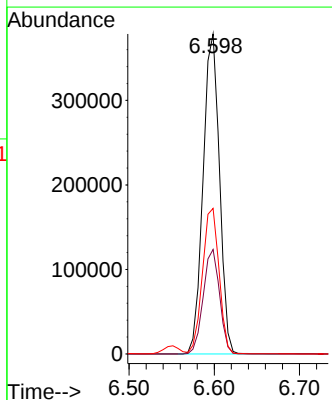
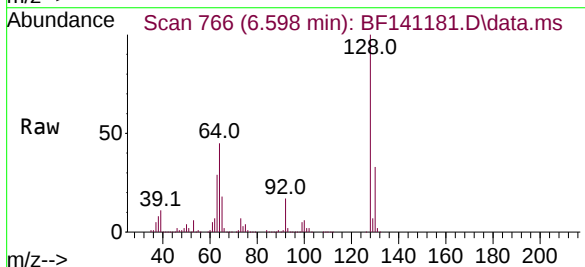
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	35.9	27.6	41.4



#8
2-Chlorophenol
Concen: 52.377 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion: 128 Resp: 506555

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	45.5	28.3	68.3

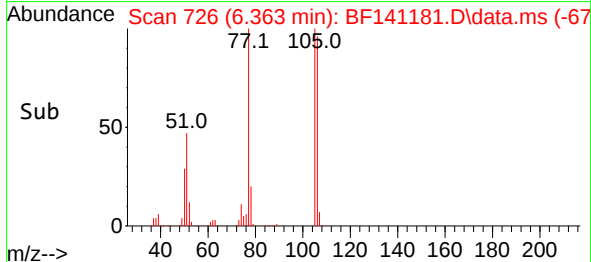
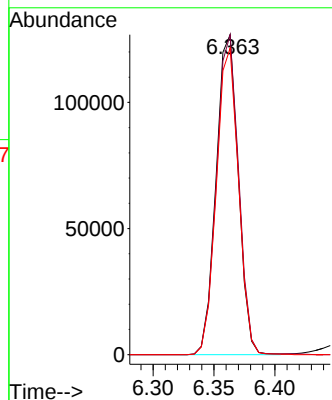
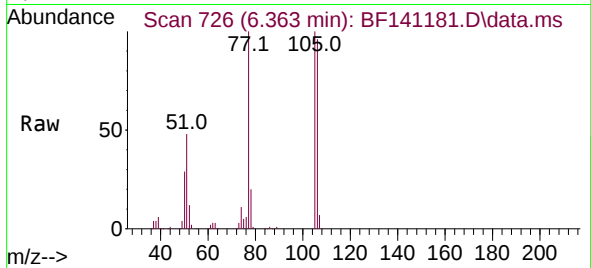




#9
Benzaldehyde
Concen: 23.850 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141181.D
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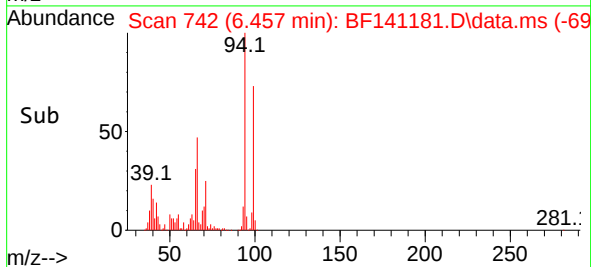
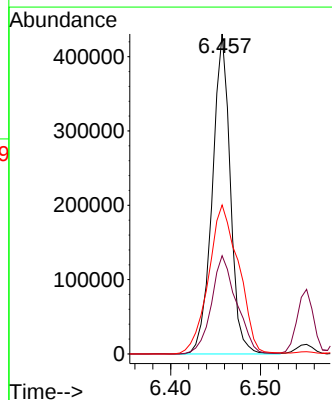
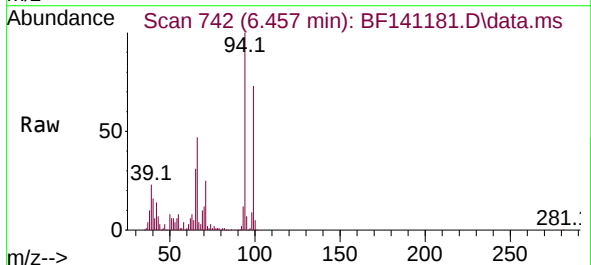
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Tgt Ion: 77 Resp: 160394
Ion Ratio Lower Upper
77 100
105 100.0 78.9 118.9
106 95.8 73.6 113.6



#10
Phenol
Concen: 49.123 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion: 94 Resp: 600436
Ion Ratio Lower Upper
94 100
65 30.7 8.9 48.9
66 46.6 21.2 61.2

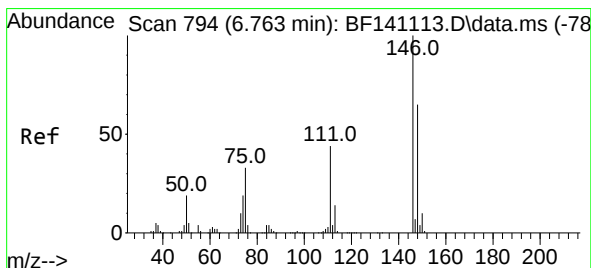
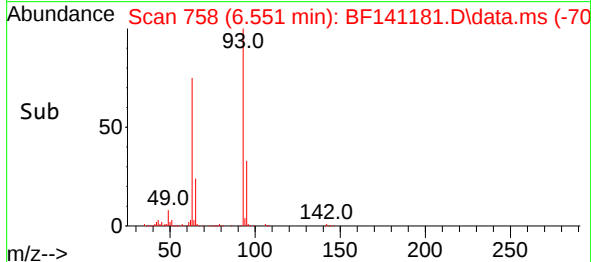
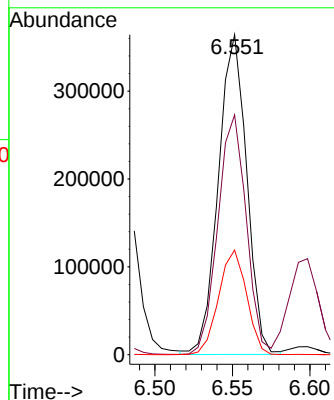
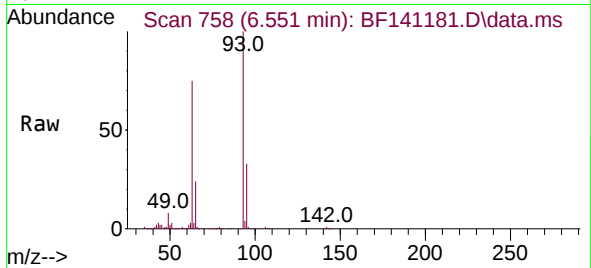




#11
bis(2-Chloroethyl)ether
Concen: 50.866 ng
RT: 6.551 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

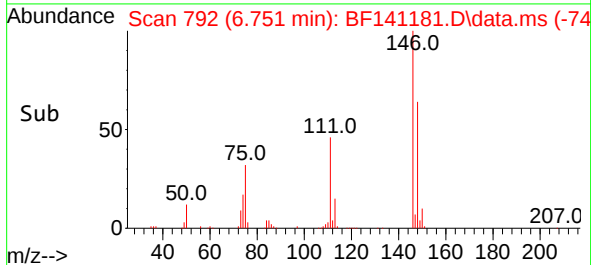
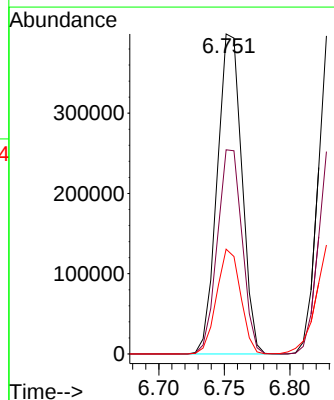
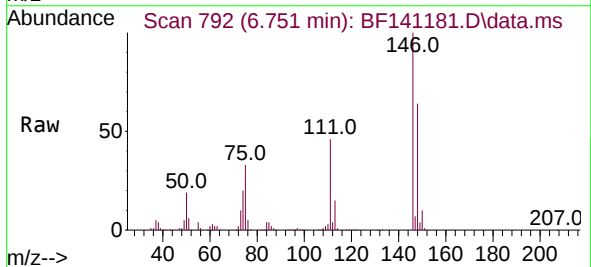
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion: 93 Resp: 463350
Ion Ratio Lower Upper
93 100
63 74.9 58.0 98.0
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 48.270 ng
RT: 6.751 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:146 Resp: 520665
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
75 32.8 26.2 39.2

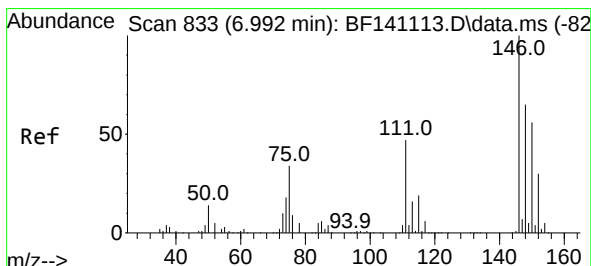
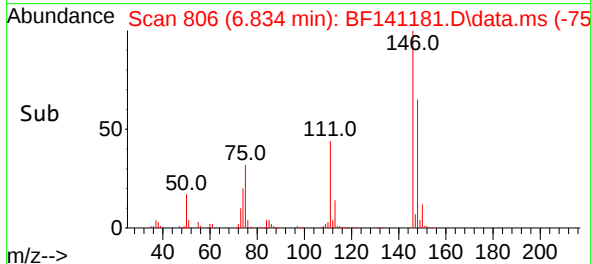
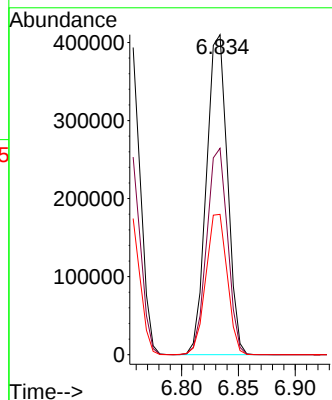
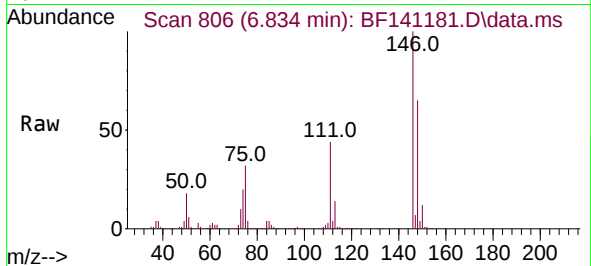




#13
1,4-Dichlorobenzene
Concen: 48.467 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

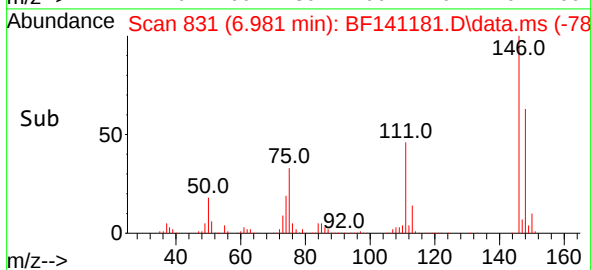
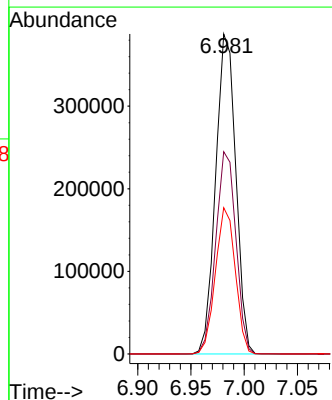
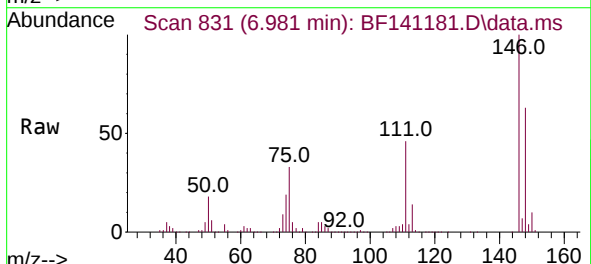
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:146 Resp: 526817
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 43.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 50.240 ng
RT: 6.981 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:146 Resp: 509391
Ion Ratio Lower Upper
146 100
148 63.2 52.2 78.4
111 45.7 37.5 56.3

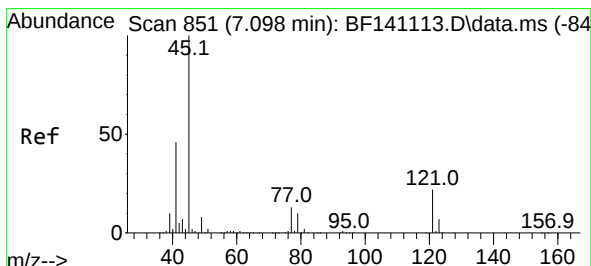
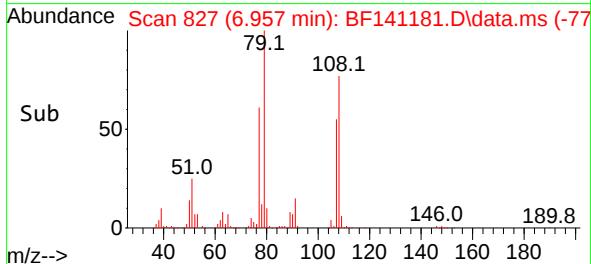
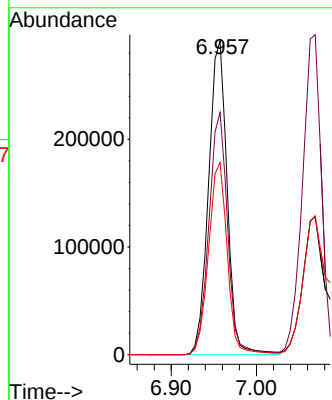
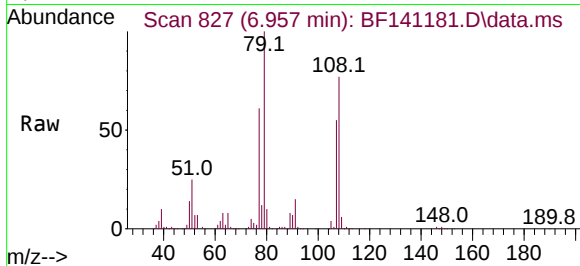




#15
Benzyl Alcohol
Concen: 53.520 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

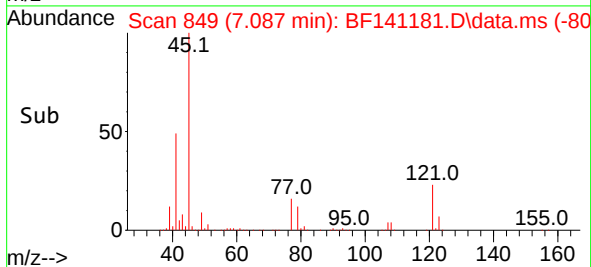
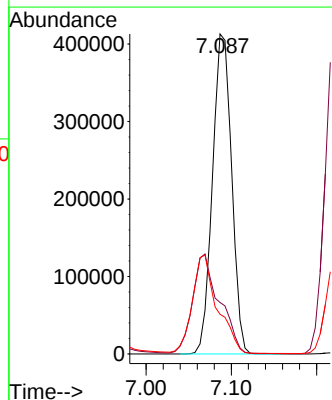
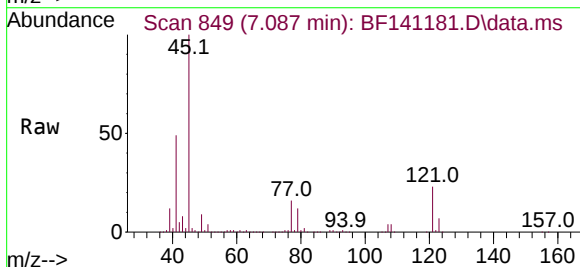
Instrument :
BNA_F
ClientSampleId :
PB166074BS

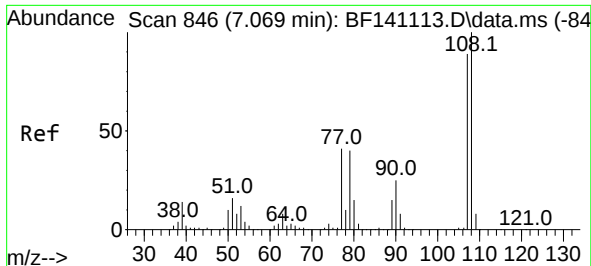
Tgt Ion: 79 Resp: 441337
Ion Ratio Lower Upper
79 100
108 77.3 61.4 92.0
77 61.3 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.677 ng
RT: 7.087 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion: 45 Resp: 644182
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.1
79 12.4 0.0 31.0

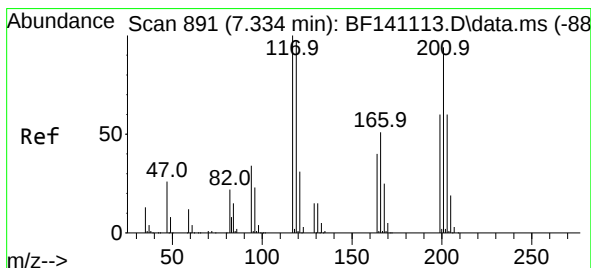
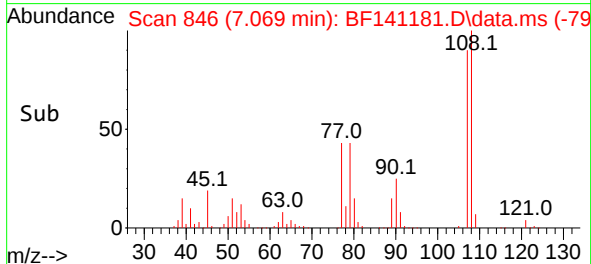
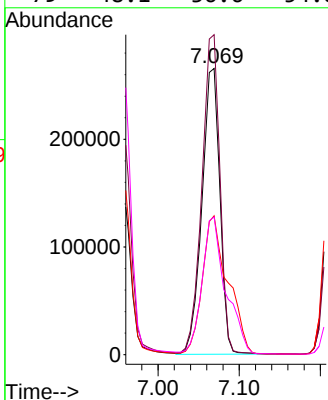
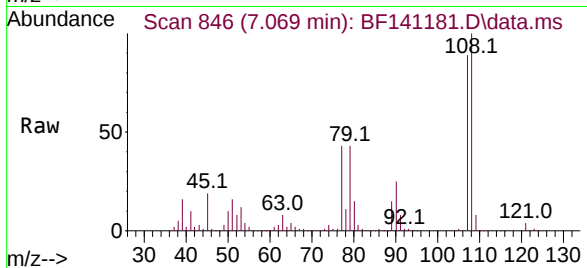




#17
2-Methylphenol
Concen: 52.251 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

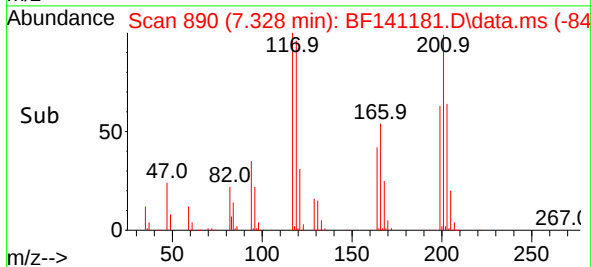
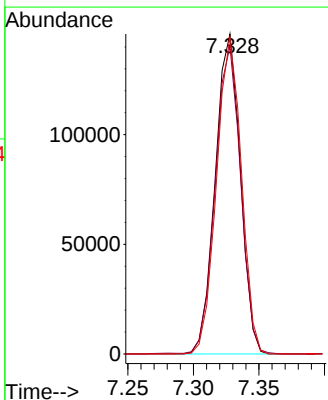
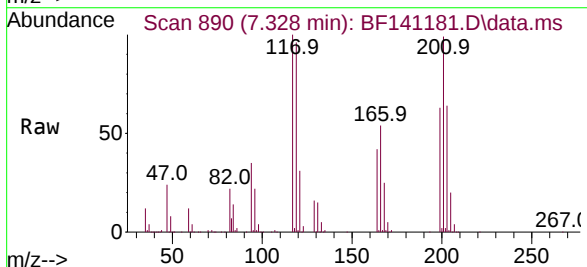
Instrument :
BNA_F
ClientSampleId :
PB166074BS

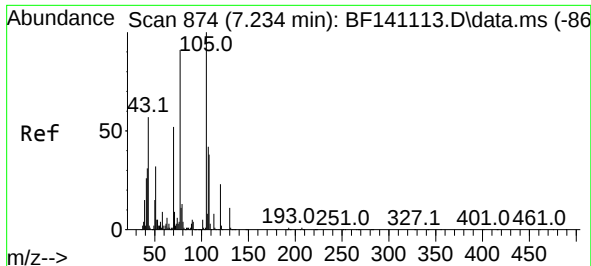
Tgt Ion:	107	Resp:	407974
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.1	135.1
77	48.5	36.6	55.0
79	48.1	36.6	54.8



#18
Hexachloroethane
Concen: 49.331 ng
RT: 7.328 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:	117	Resp:	193910
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.6	116.4
201	98.9	75.1	112.7

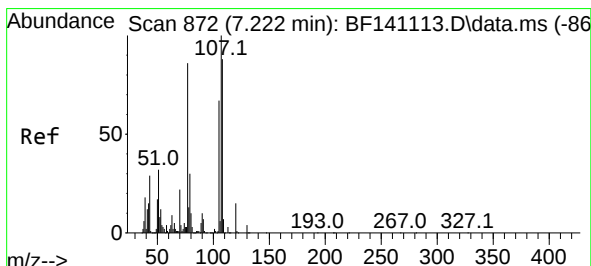
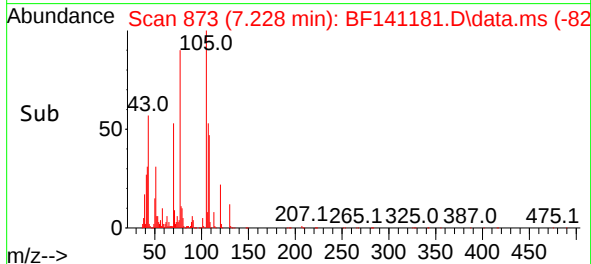
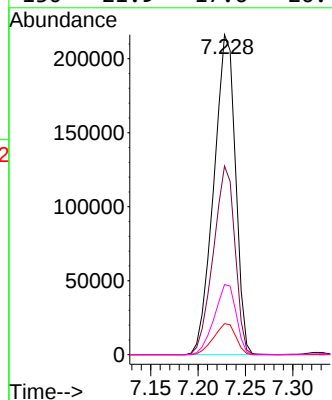
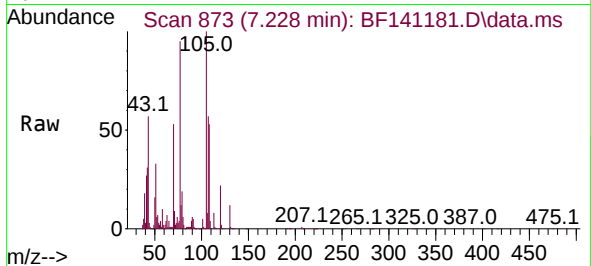




#19
n-Nitroso-di-n-propylamine
Concen: 51.245 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

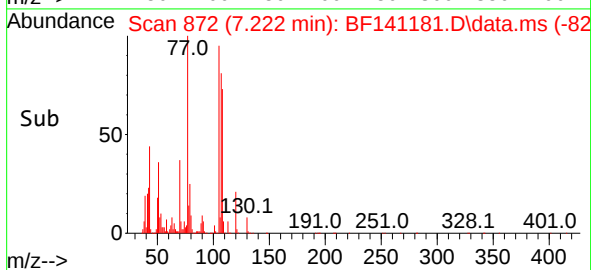
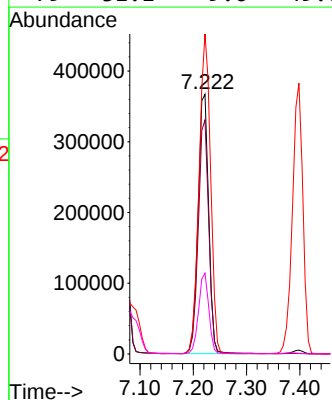
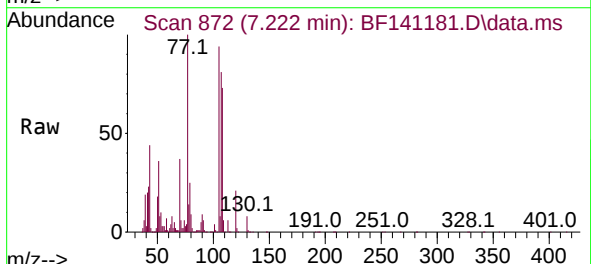
Instrument :
BNA_F
ClientSampleId :
PB166074BS

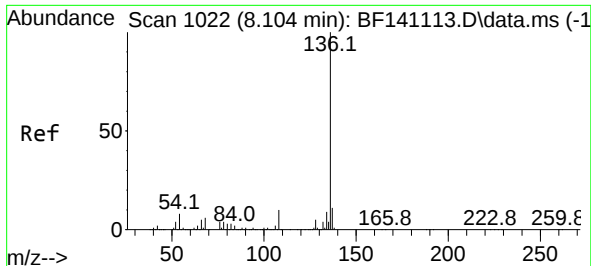
Tgt Ion: 70 Resp: 344687
Ion Ratio Lower Upper
70 100
42 59.0 47.8 71.6
101 9.7 7.9 11.9
130 21.9 17.6 26.4



#20
3+4-Methylphenols
Concen: 51.469 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion: 107 Resp: 507008
Ion Ratio Lower Upper
107 100
108 90.1 68.3 108.3
77 123.2 66.4 106.4#
79 31.1 9.6 49.6



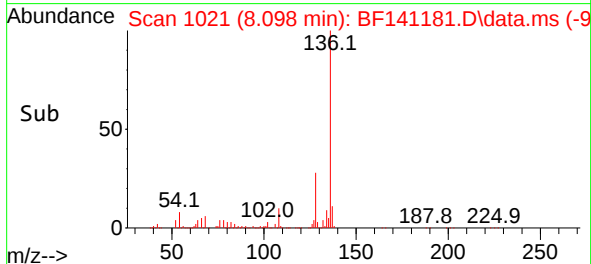
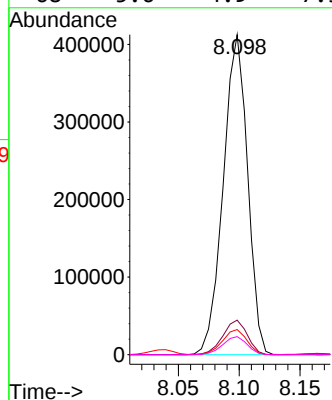
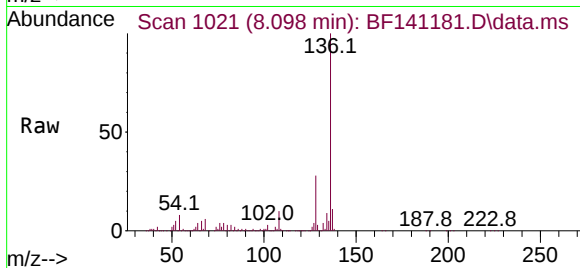


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:136 Resp: 573376

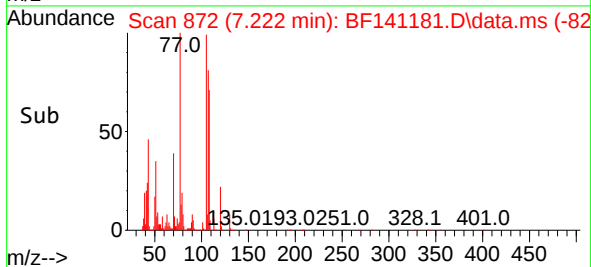
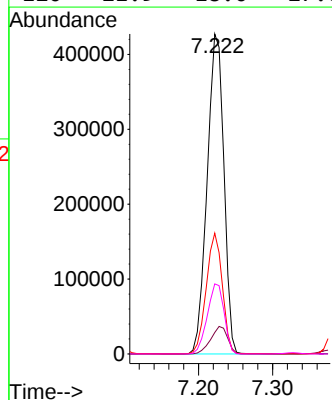
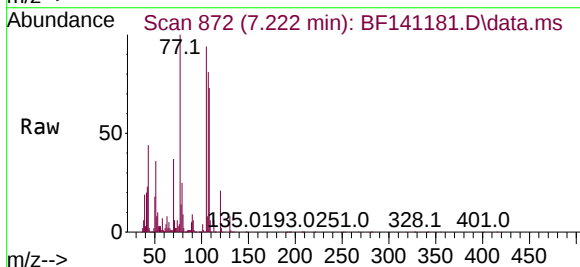
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	6.3	9.5
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 49.170 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:105 Resp: 670212

Ion	Ratio	Lower	Upper
105	100		
71	6.7	7.1	10.7#
51	37.8	25.4	38.2
120	21.9	18.0	27.0

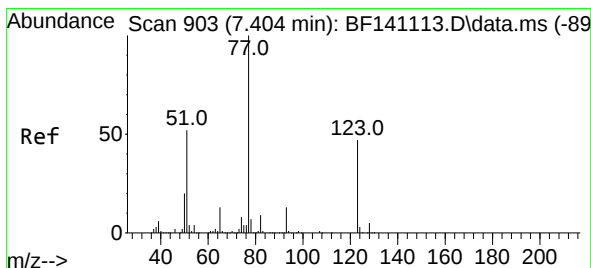
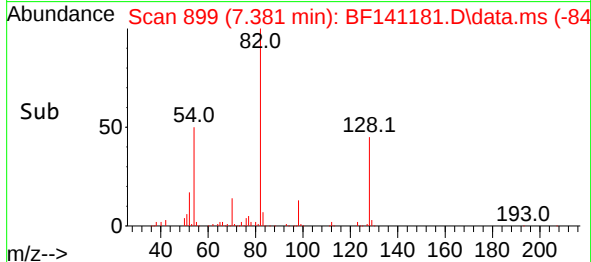
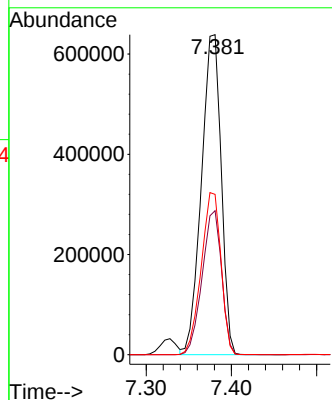
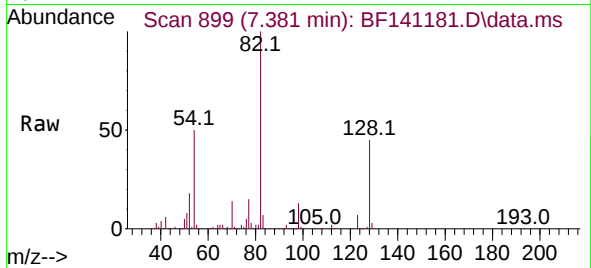




#23
Nitrobenzene-d5
Concen: 95.206 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

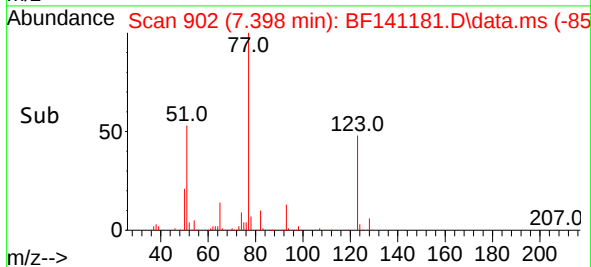
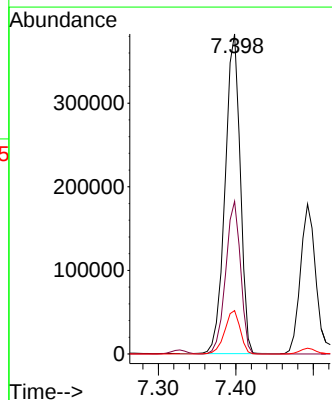
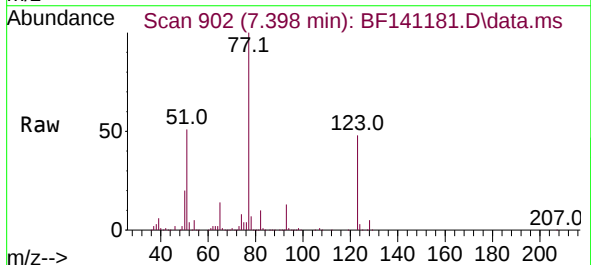
Instrument :
BNA_F
ClientSampleId :
PB166074BS

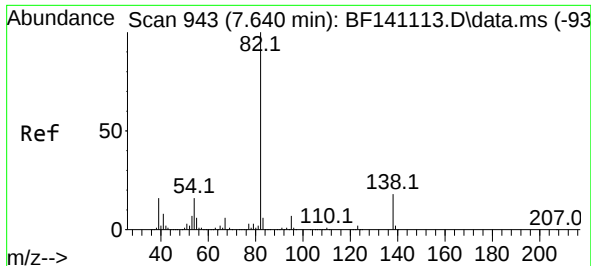
Tgt Ion: 82 Resp: 1029810
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 50.1 41.0 61.4



#24
Nitrobenzene
Concen: 46.279 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion: 77 Resp: 521721
Ion Ratio Lower Upper
77 100
123 47.7 37.7 56.5
65 13.6 10.6 16.0

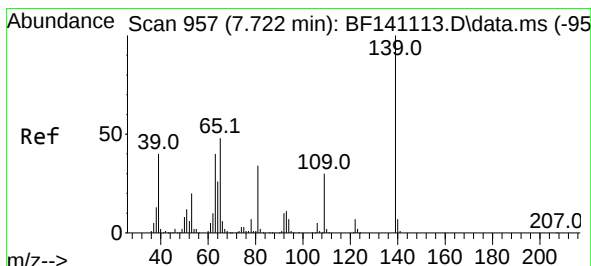
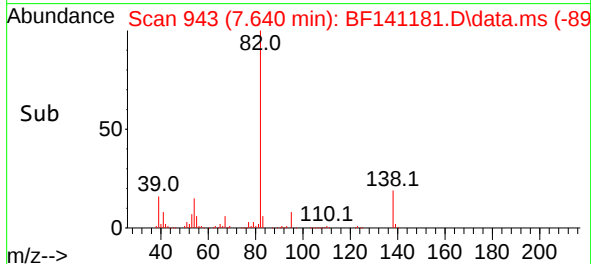
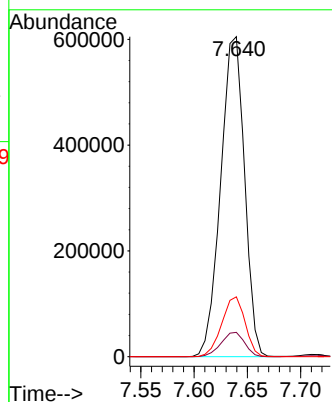
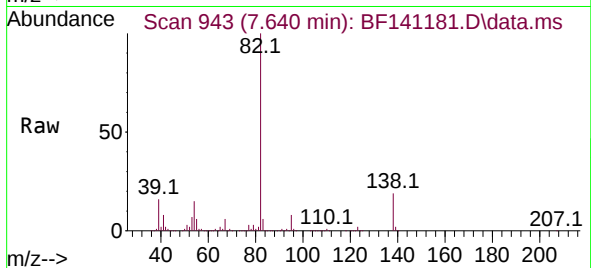




#25
Isophorone
Concen: 50.965 ng
RT: 7.640 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

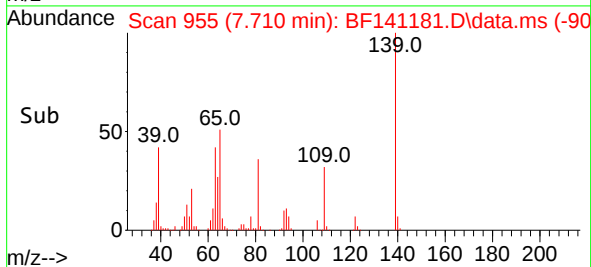
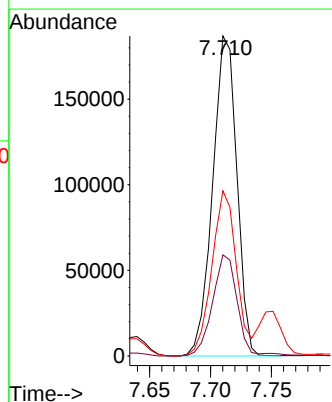
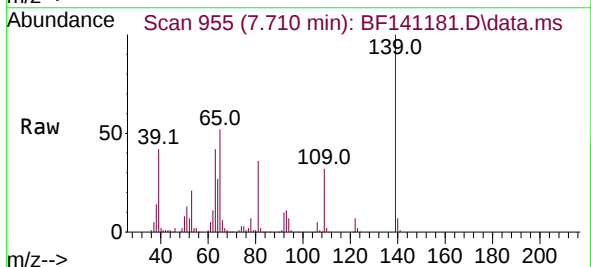
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion: 82 Resp: 942105
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.7 14.2 21.2



#26
2-Nitrophenol
Concen: 50.420 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:139 Resp: 258557
Ion Ratio Lower Upper
139 100
109 31.6 23.8 35.6
65 51.6 38.5 57.7

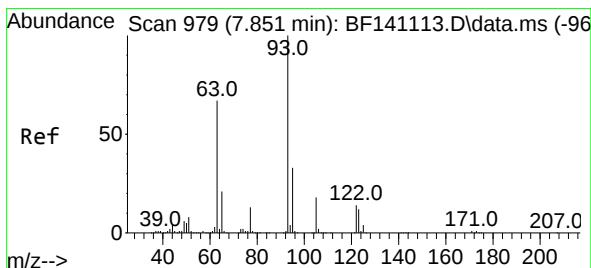
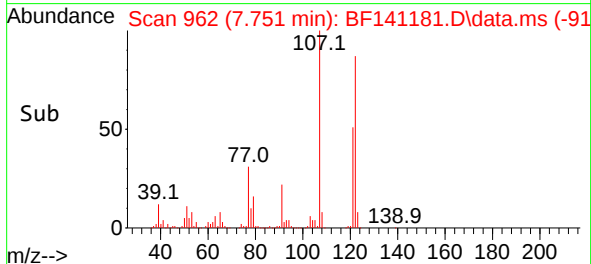
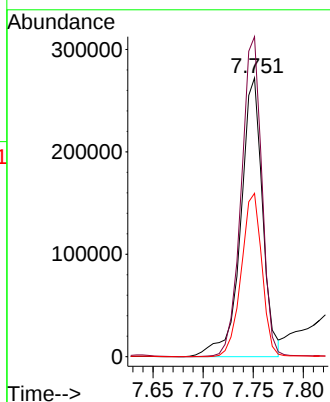
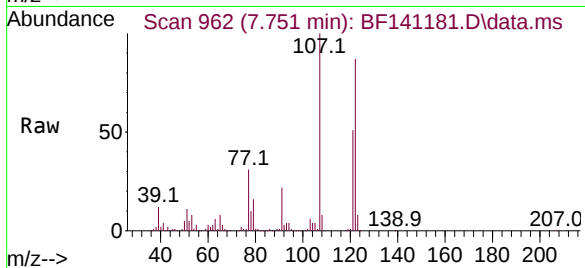




#27
2,4-Dimethylphenol
Concen: 59.486 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

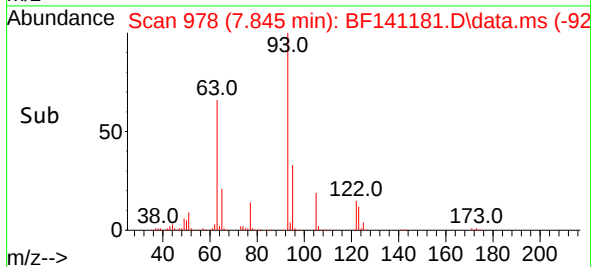
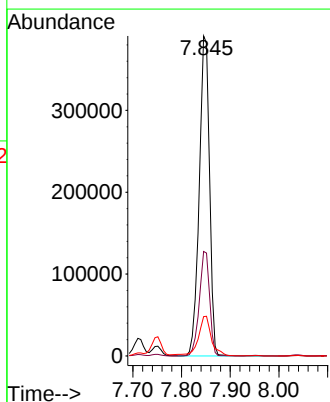
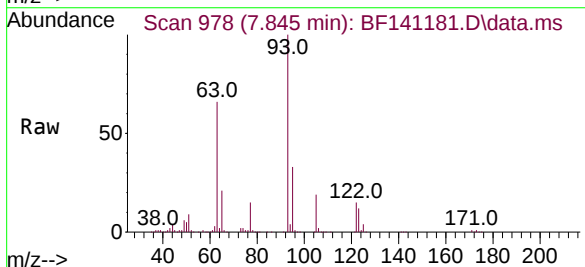
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:122 Resp: 411465
Ion Ratio Lower Upper
122 100
107 114.8 90.3 135.5
121 58.7 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 49.557 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion: 93 Resp: 574914
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 12.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 50.725 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS

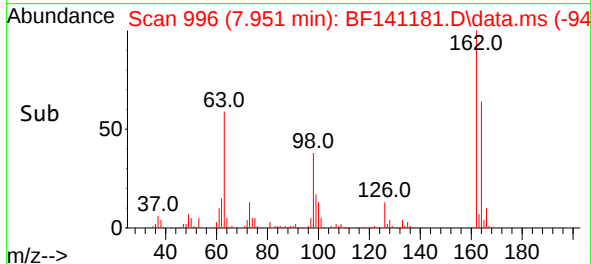
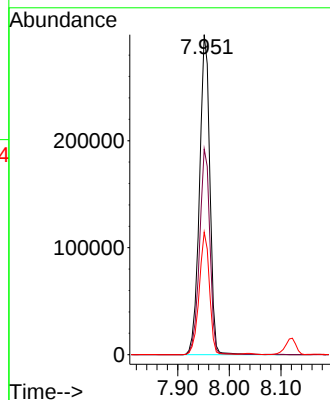
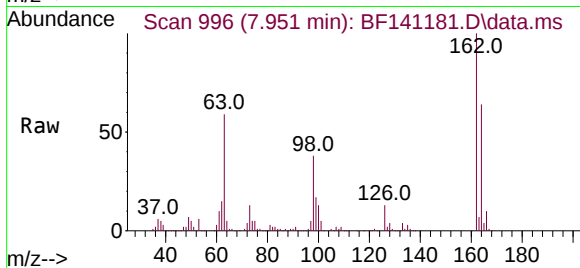
Tgt Ion:162 Resp: 416709

Ion Ratio Lower Upper

162 100

164 64.3 44.5 84.5

98 38.3 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 46.430 ng

RT: 8.040 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

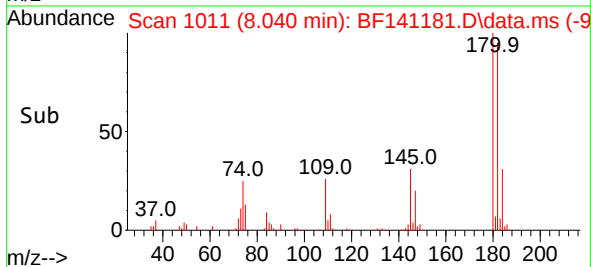
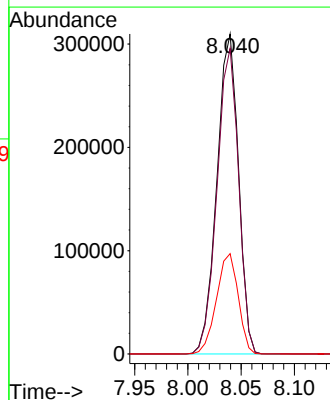
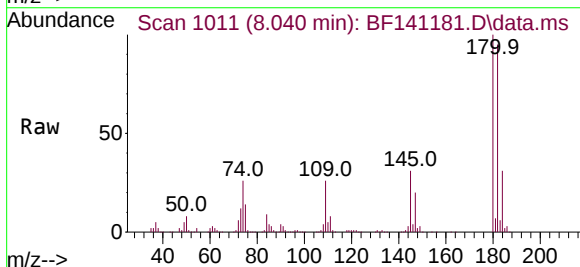
Tgt Ion:180 Resp: 435983

Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 31.4 25.3 37.9

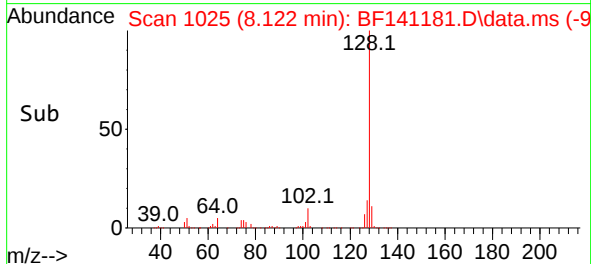
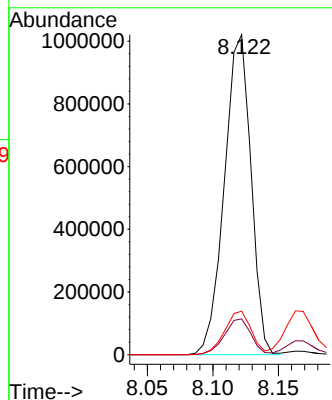
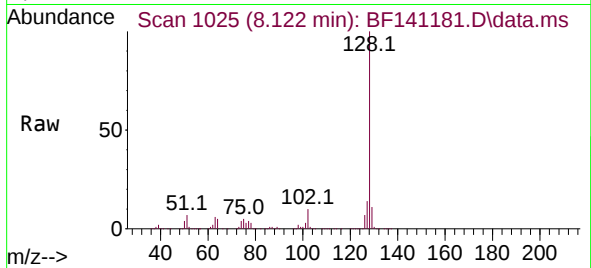




#31
Naphthalene
Concen: 47.647 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

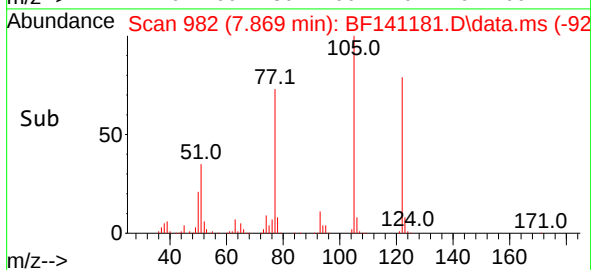
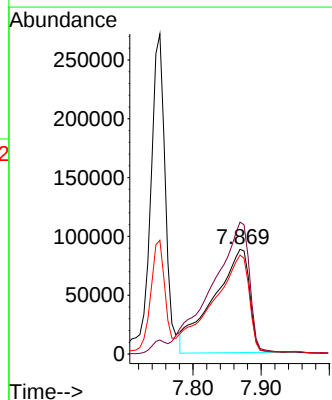
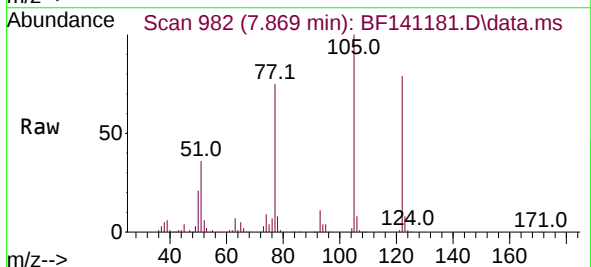
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:128 Resp: 1440732
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 48.914 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:122 Resp: 324560
Ion Ratio Lower Upper
122 100
105 125.9 105.5 145.5
77 94.5 75.1 115.1



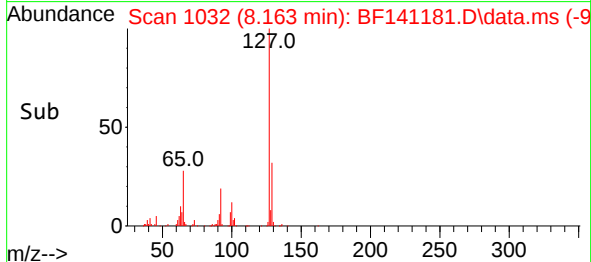
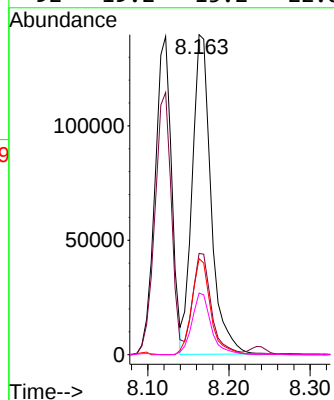
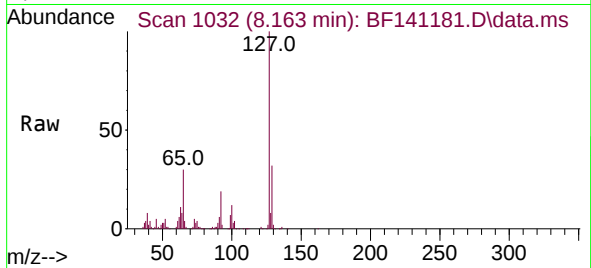


#33
4-Chloroaniline
Concen: 21.643 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:127 Resp: 226330

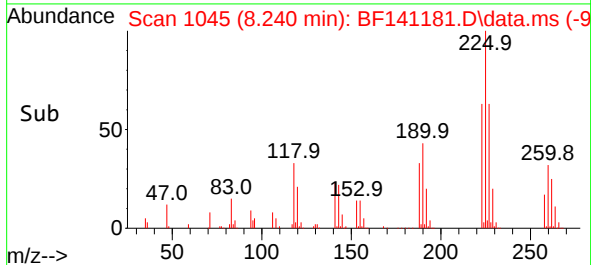
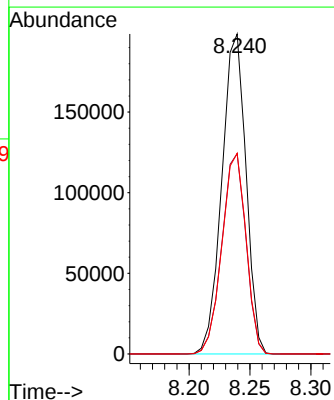
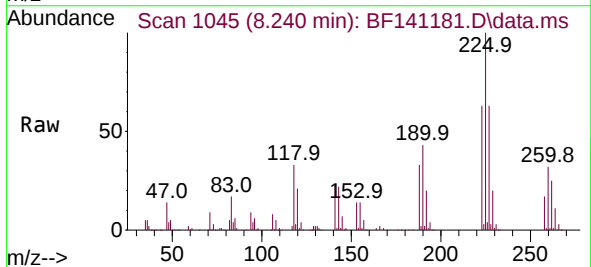
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	30.0	23.8	35.8
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 48.357 ng
RT: 8.240 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:225 Resp: 273608

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	62.7	51.6	77.4

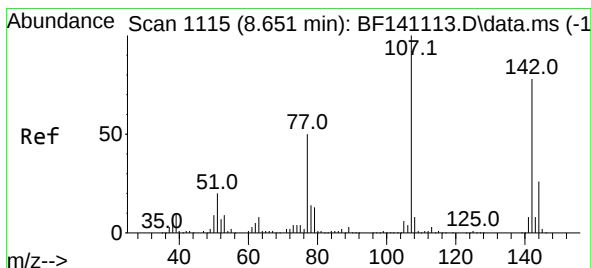
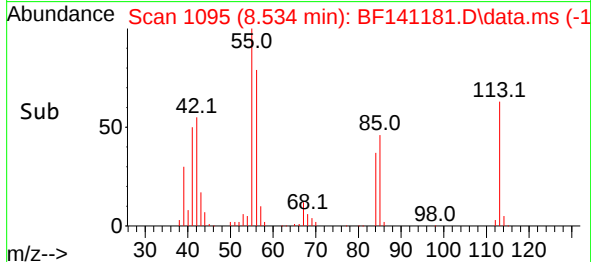
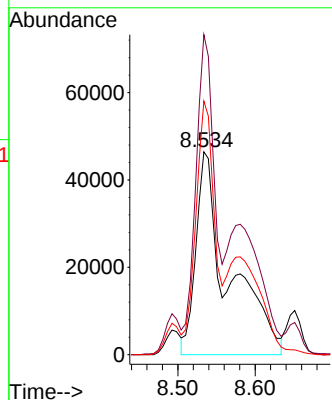
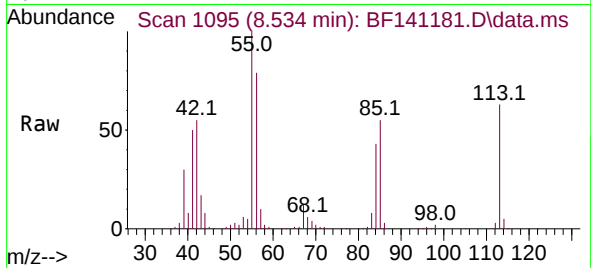




#35
 Caprolactam
 Concen: 50.430 ng m
 RT: 8.534 min Scan# 1097
 Delta R.T. -0.012 min
 Lab File: BF141181.D
 Acq: 16 Jan 2025 13:21

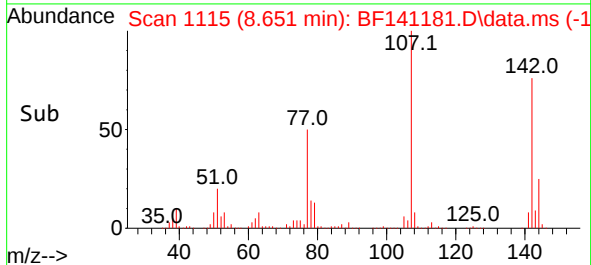
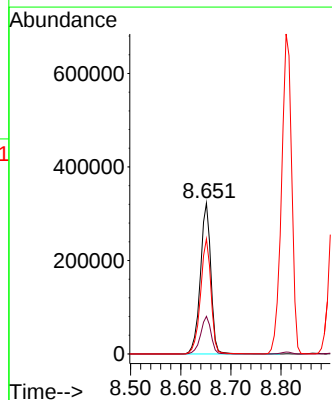
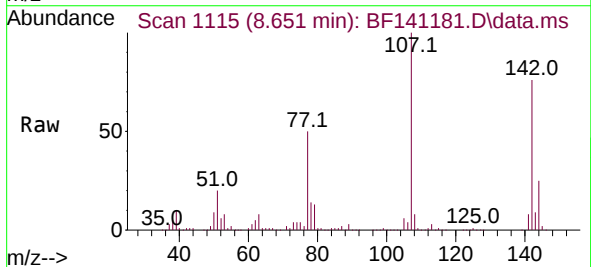
Instrument :
 BNA_F
 ClientSampleId :
 PB166074BS

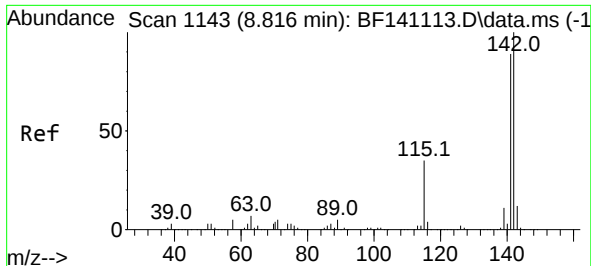
Tgt Ion:113 Resp: 135635
 Ion Ratio Lower Upper
 113 100
 55 157.7 139.7 179.7
 56 125.0 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 51.979 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. 0.000 min
 Lab File: BF141181.D
 Acq: 16 Jan 2025 13:21

Tgt Ion:107 Resp: 467000
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.4 30.6
 142 76.2 62.2 93.2

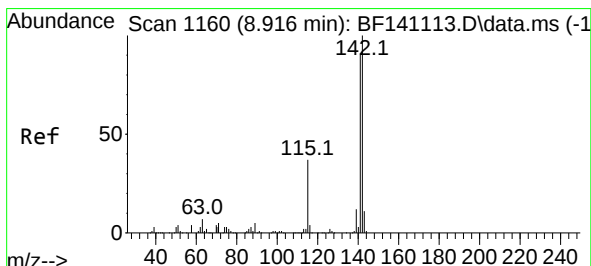
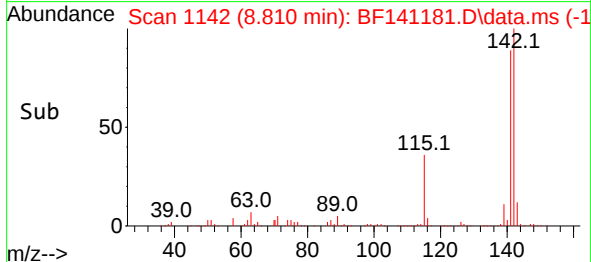
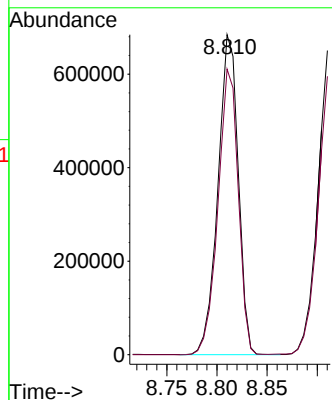
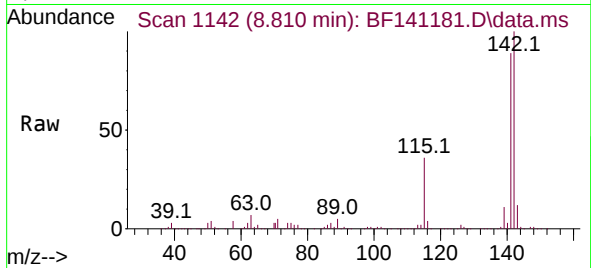




#37
2-Methylnaphthalene
Concen: 49.709 ng
RT: 8.810 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

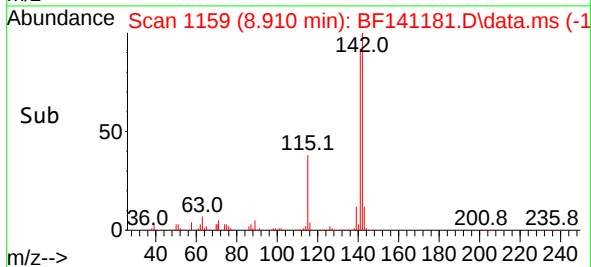
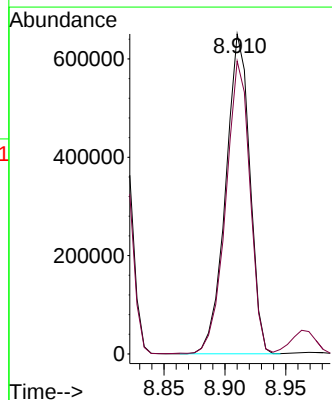
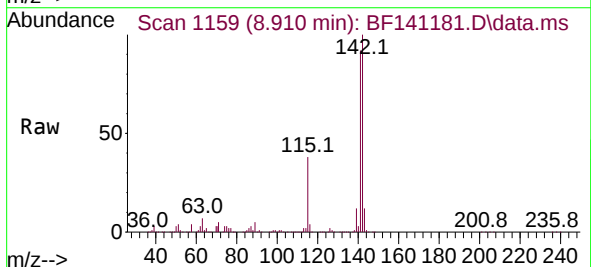
Instrument :
BNA_F
ClientSampleId :
PB166074BS

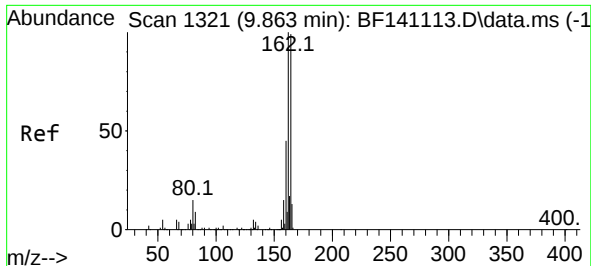
Tgt Ion:142 Resp: 957803
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9



#38
1-Methylnaphthalene
Concen: 47.187 ng
RT: 8.910 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:142 Resp: 896055
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS

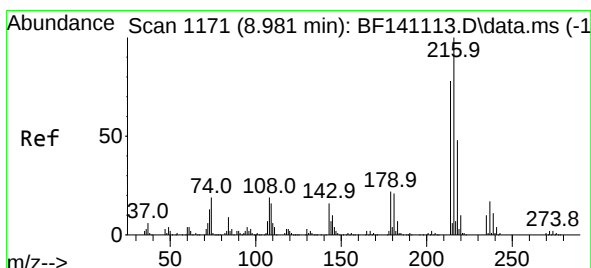
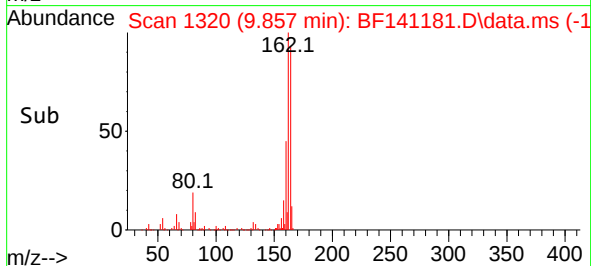
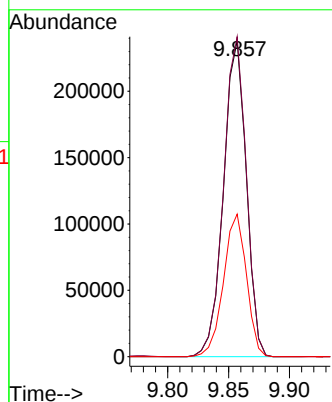
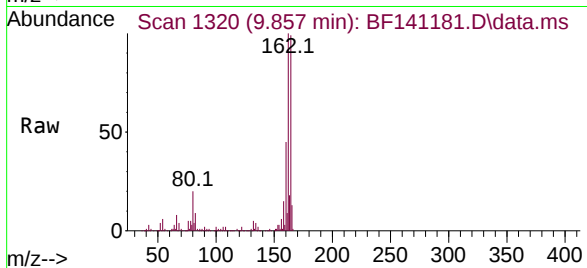
Tgt Ion:164 Resp: 309852

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

160 45.2 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.721 ng

RT: 8.981 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Tgt Ion:216 Resp: 442182

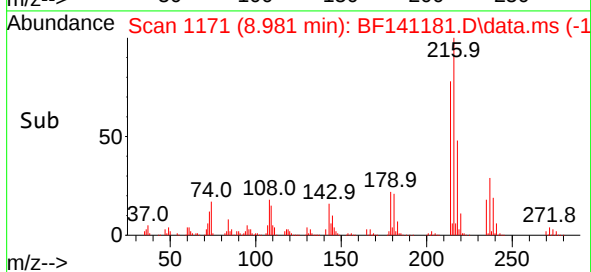
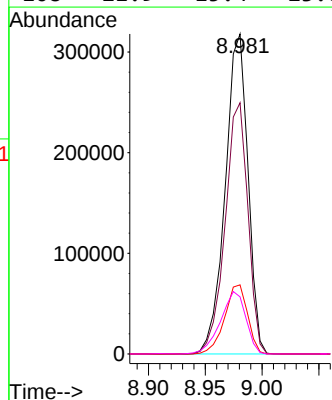
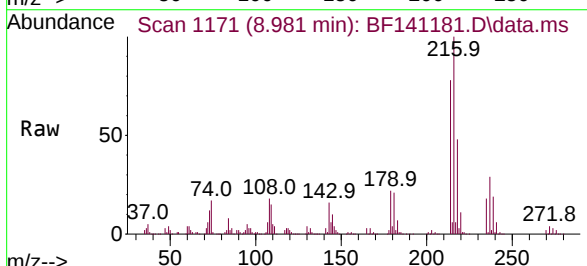
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 21.9 17.7 26.5

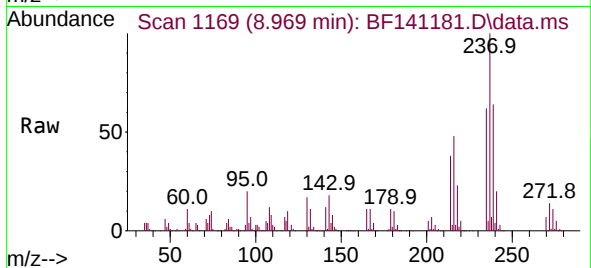
108 21.9 15.4 23.0



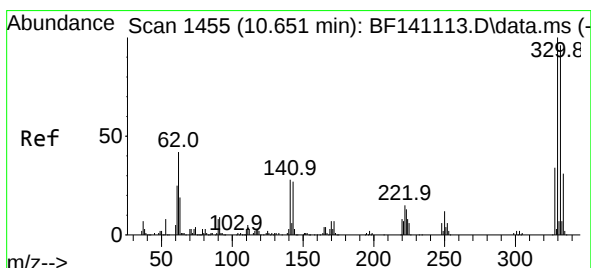
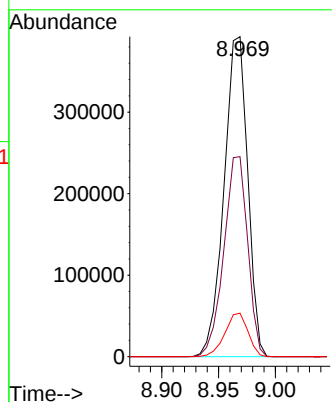
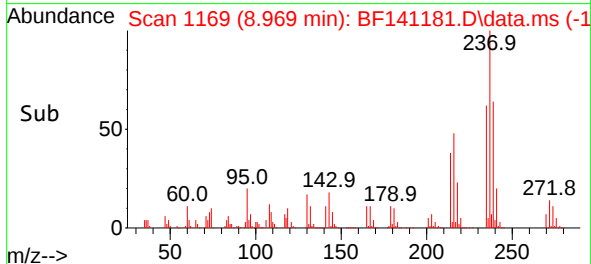


#41
Hexachlorocyclopentadiene
Concen: 195.570 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

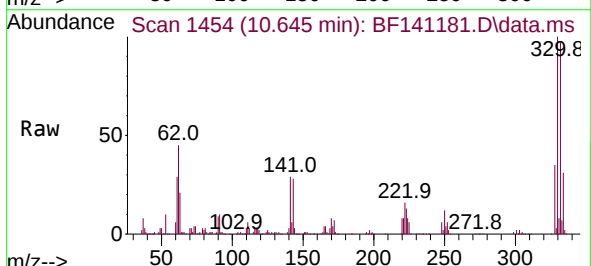
Instrument :
BNA_F
ClientSampleId :
PB166074BS



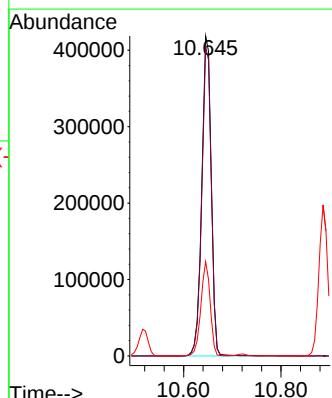
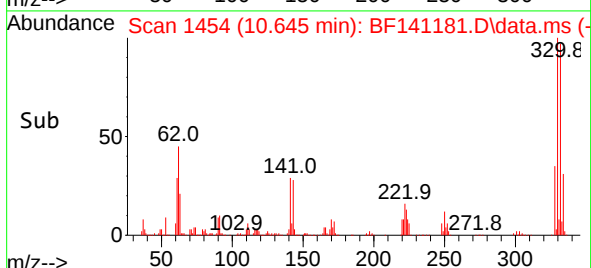
Tgt Ion:237 Resp: 569030
Ion Ratio Lower Upper
237 100
235 62.5 43.0 83.0
272 13.6 0.0 33.0

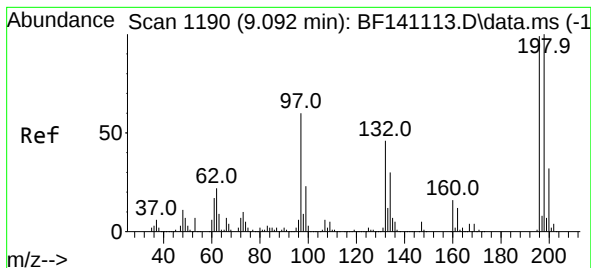


#42
2,4,6-Tribromophenol
Concen: 161.241 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21



Tgt Ion:330 Resp: 569271
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 29.0 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 53.649 ng

RT: 9.087 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF141181.D

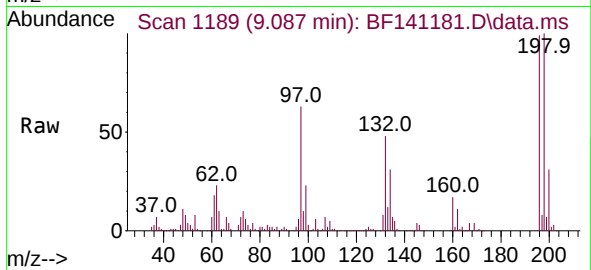
Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS



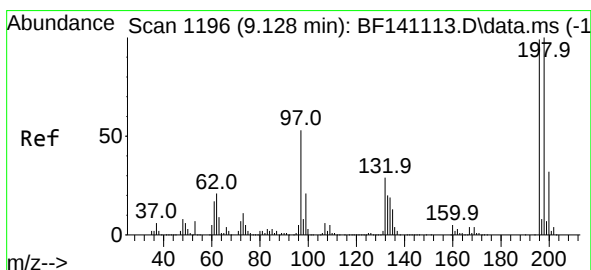
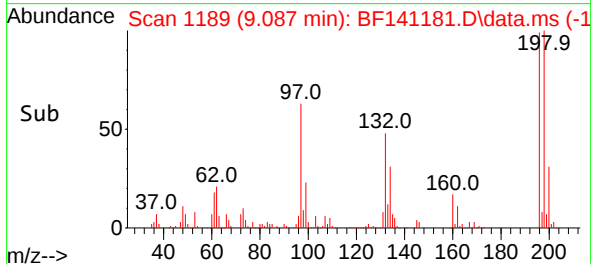
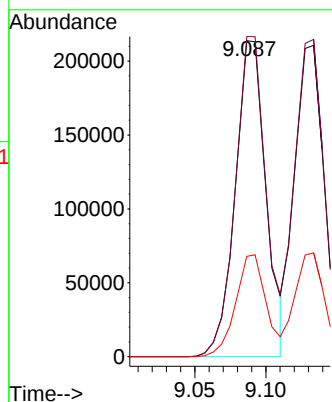
Tgt Ion:196 Resp: 321791

Ion Ratio Lower Upper

196 100

198 101.3 80.8 121.2

200 31.8 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 48.007 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Tgt Ion:196 Resp: 304105

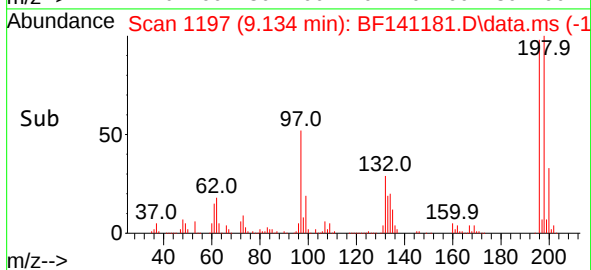
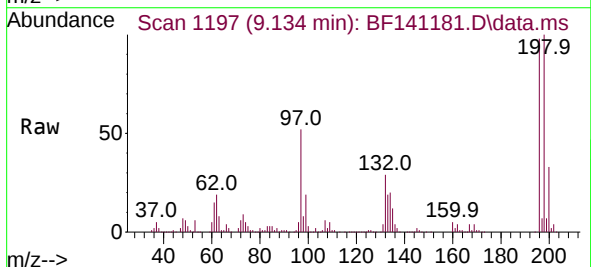
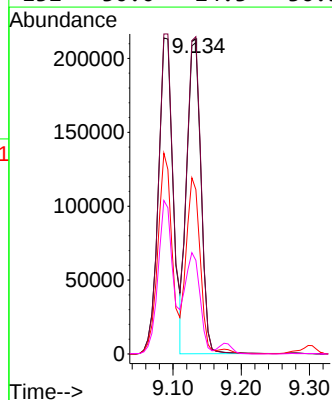
Ion Ratio Lower Upper

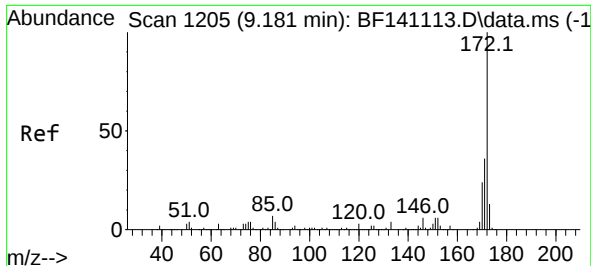
196 100

198 101.9 80.6 120.8

97 52.7 43.1 64.7

132 30.0 24.3 36.5

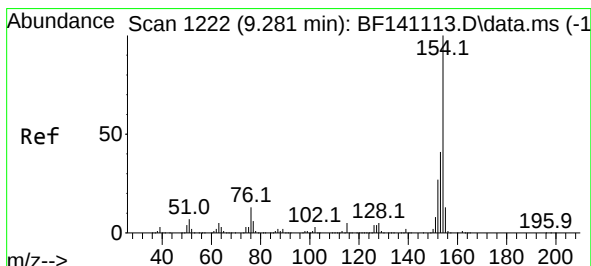
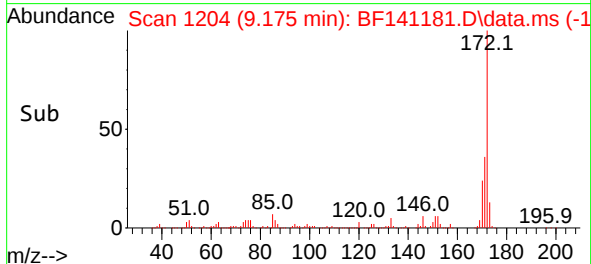
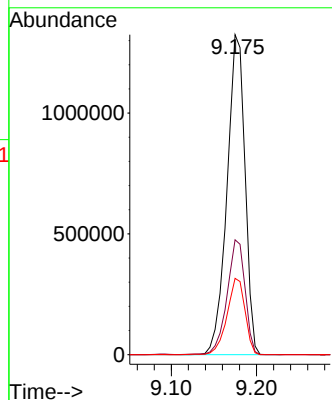
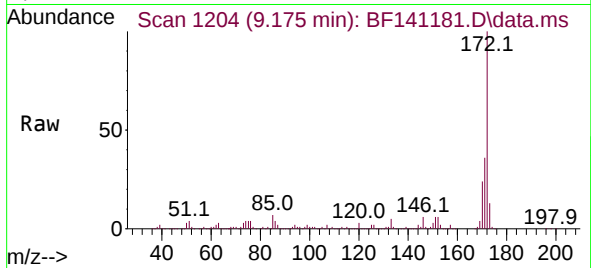




#45
2-Fluorobiphenyl
Concen: 95.842 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

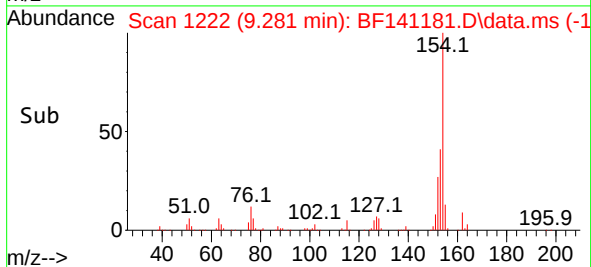
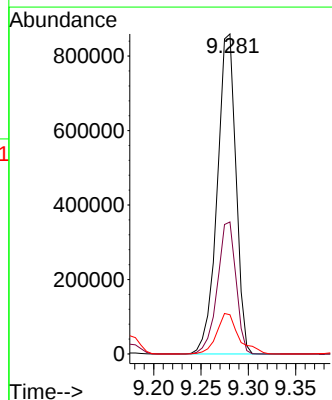
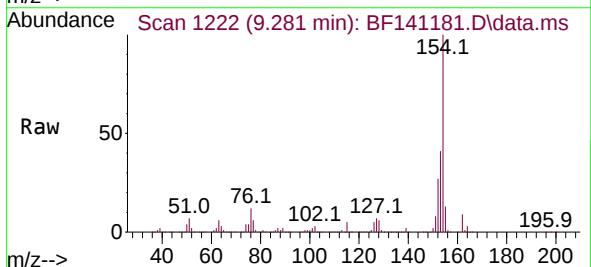
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:172 Resp: 1944736
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.142 ng
RT: 9.281 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:154 Resp: 1182521
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 12.3 0.0 33.1

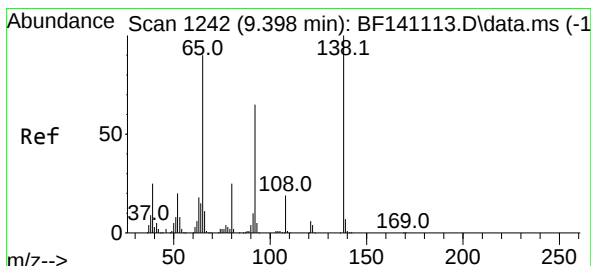
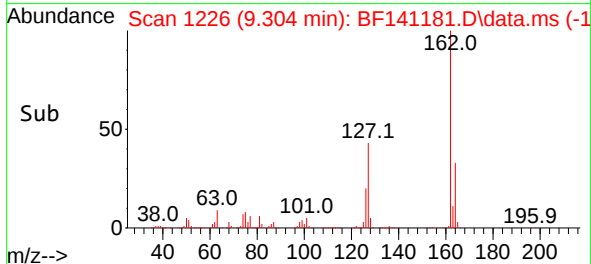
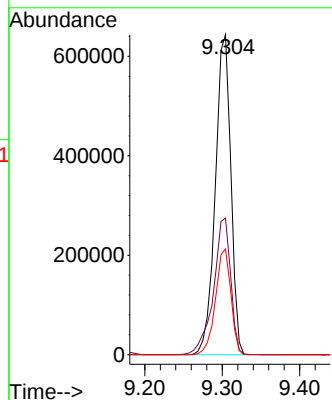
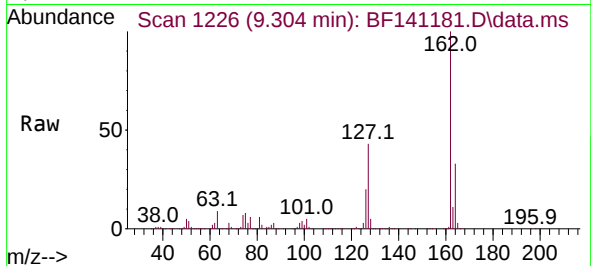




#47
2-Chloronaphthalene
Concen: 47.754 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

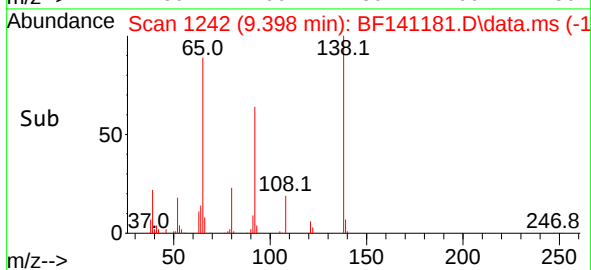
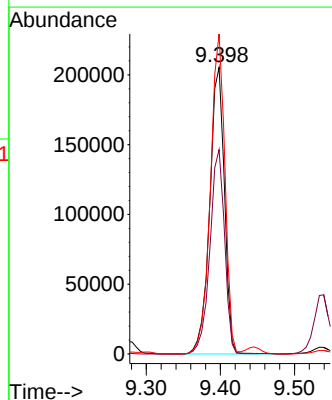
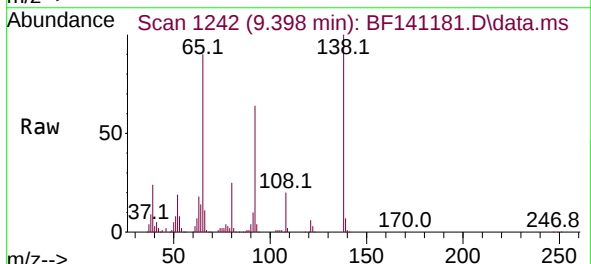
Instrument :
BNA_F
ClientSampleId :
PB166074BS

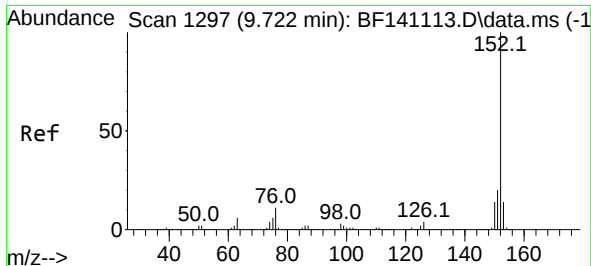
Tgt Ion:162 Resp: 895019
Ion Ratio Lower Upper
162 100
127 42.7 34.6 51.8
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 51.109 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

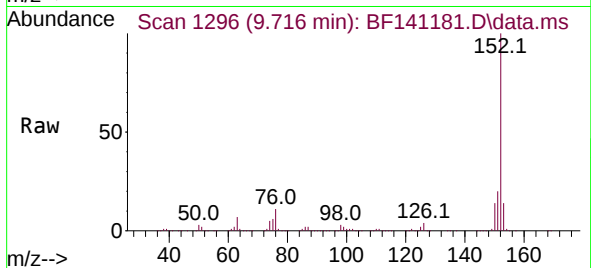
Tgt Ion: 65 Resp: 283950
Ion Ratio Lower Upper
65 100
92 71.3 58.3 87.5
138 111.7 89.1 133.7



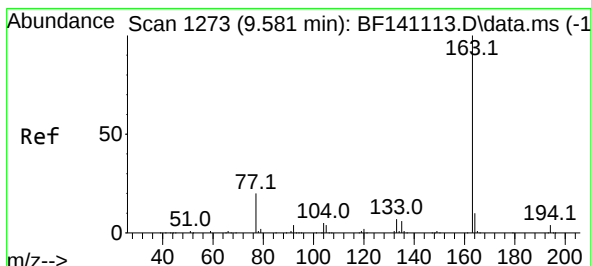
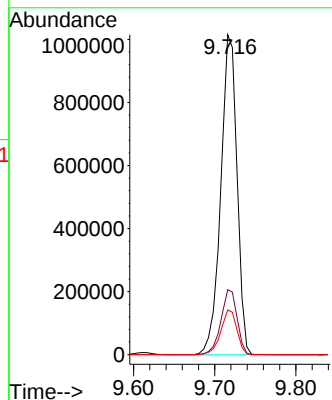
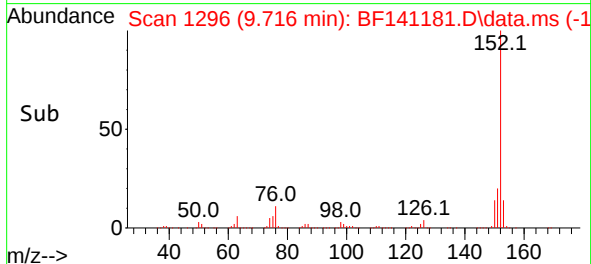


#49
Acenaphthylene
Concen: 52.806 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

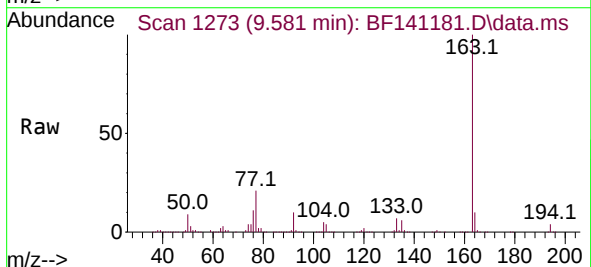
Instrument :
BNA_F
ClientSampleId :
PB166074BS



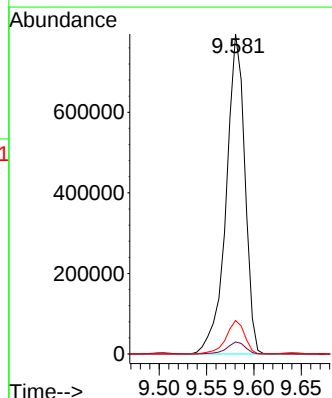
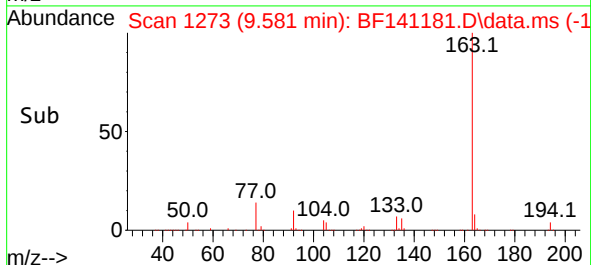
Tgt Ion:152 Resp: 1413974
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.0 11.1 16.7



#50
Dimethylphthalate
Concen: 52.364 ng
RT: 9.581 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21



Tgt Ion:163 Resp: 1089247
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.5 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 50.166 ng

RT: 9.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS

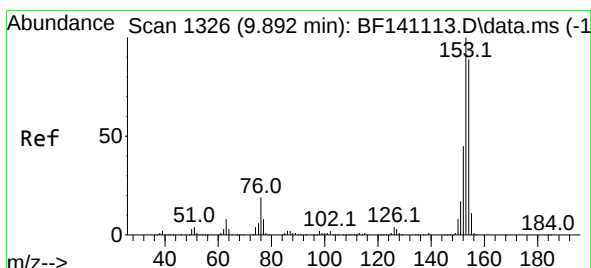
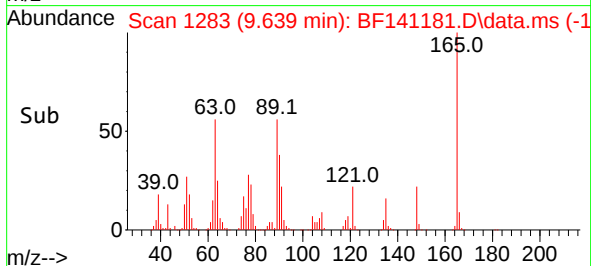
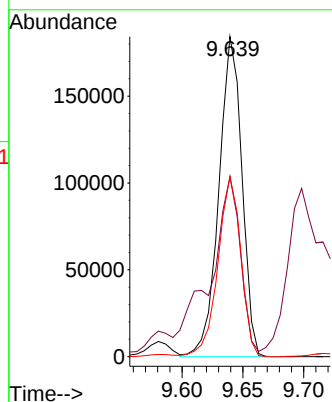
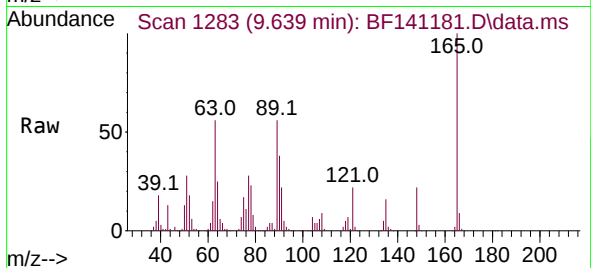
Tgt Ion:165 Resp: 242668

Ion Ratio Lower Upper

165 100

63 56.2 42.3 63.5

89 56.3 43.1 64.7



#52

Acenaphthene

Concen: 56.325 ng

RT: 9.892 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

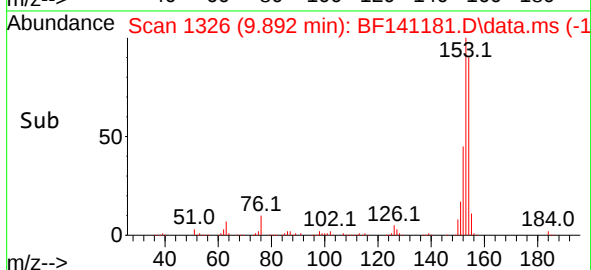
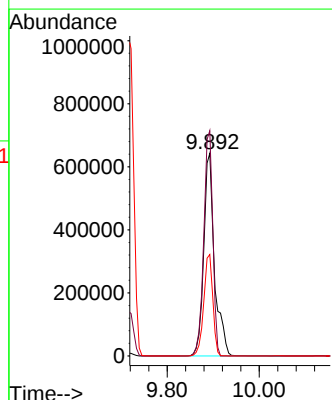
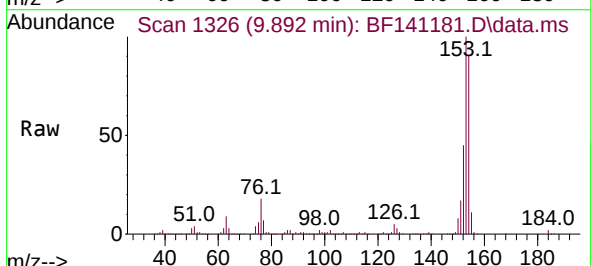
Tgt Ion:154 Resp: 1053712

Ion Ratio Lower Upper

154 100

153 111.3 89.8 134.6

152 50.1 40.8 61.2

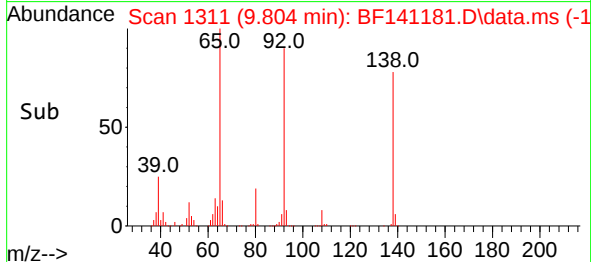
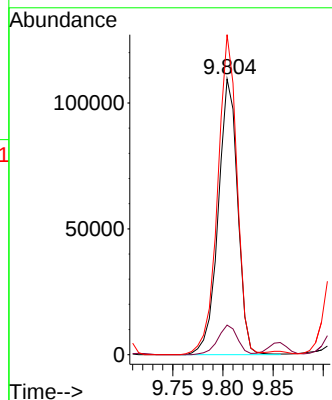
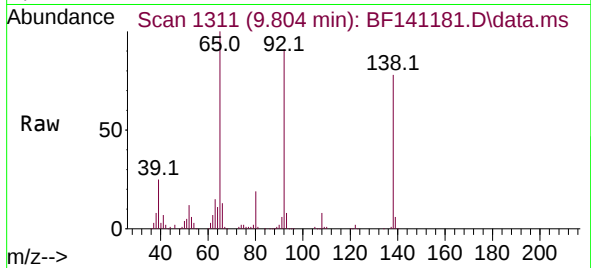




#53
3-Nitroaniline
Concen: 29.928 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

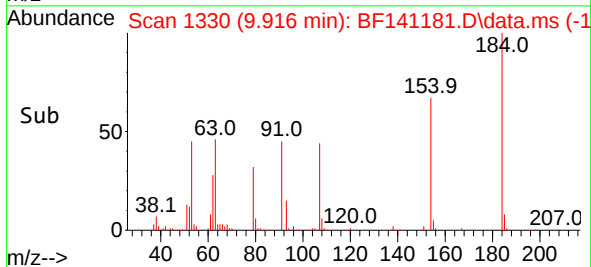
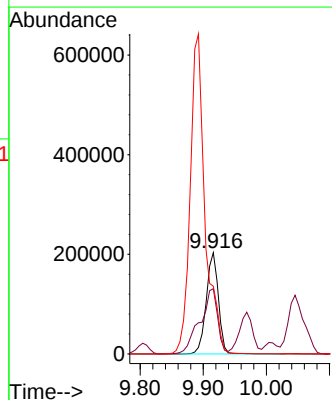
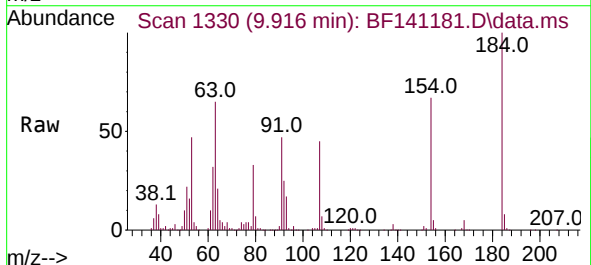
Instrument :
BNA_F
ClientSampleId :
PB166074BS

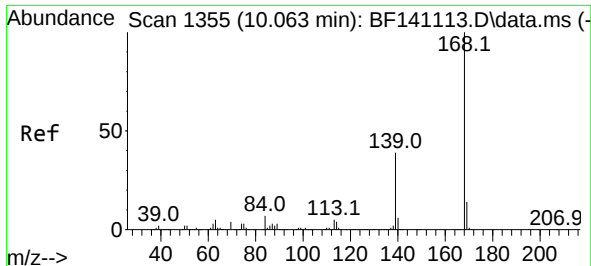
Tgt Ion:138 Resp: 147119
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 116.1 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 118.651 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:184 Resp: 272811
Ion Ratio Lower Upper
184 100
63 64.5 48.7 73.1
154 66.9 57.1 85.7

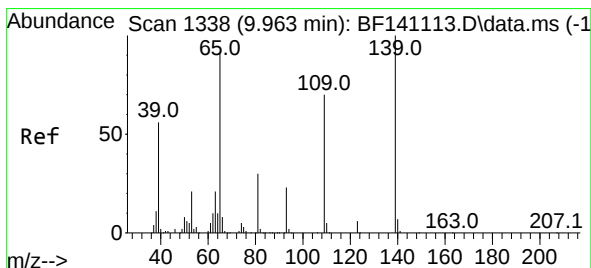
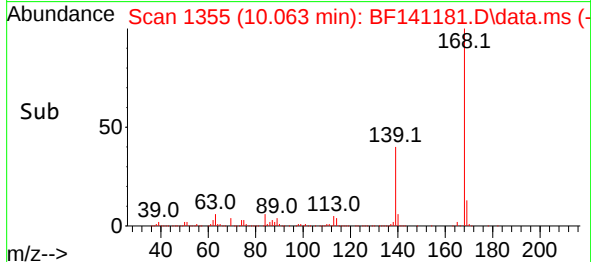
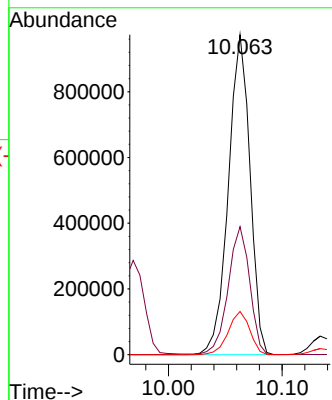
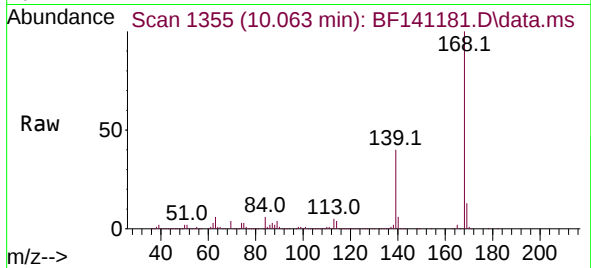




#55
Dibenzofuran
Concen: 50.576 ng
RT: 10.063 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

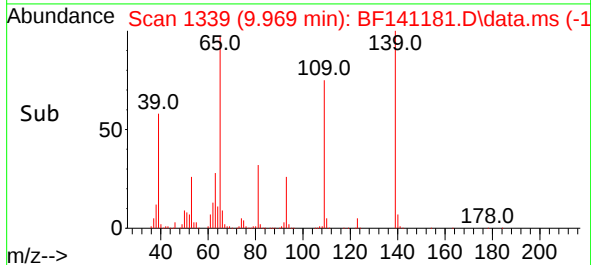
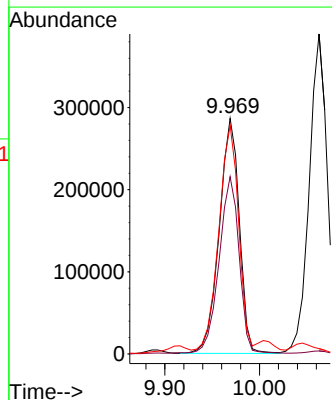
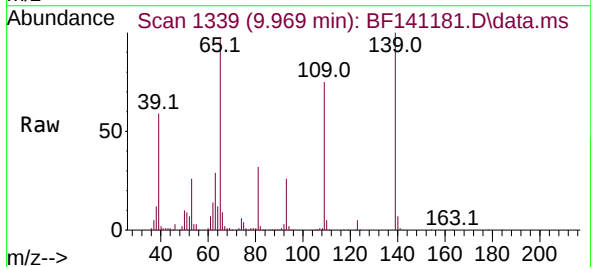
Instrument :
BNA_F
ClientSampleId :
PB166074BS

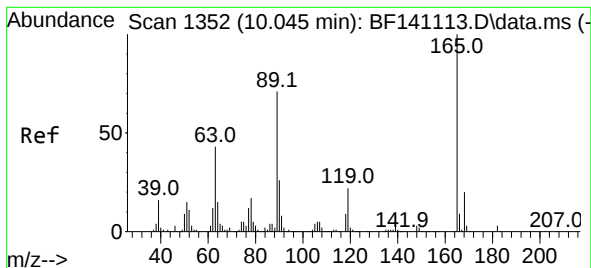
Tgt Ion:168 Resp: 1286970
Ion Ratio Lower Upper
168 100
139 40.0 31.4 47.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 109.551 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:139 Resp: 421753
Ion Ratio Lower Upper
139 100
109 75.3 50.2 90.2
65 97.0 72.1 112.1

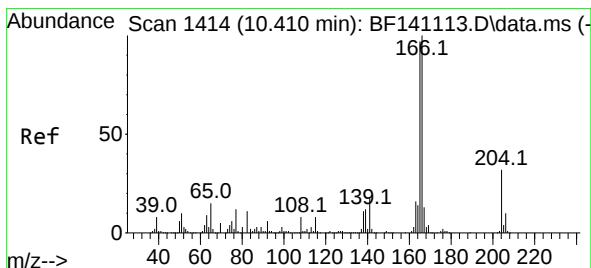
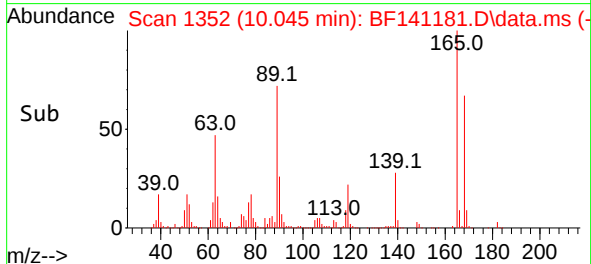
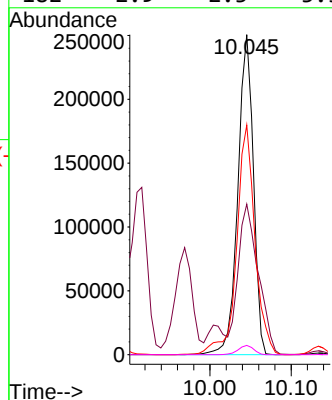
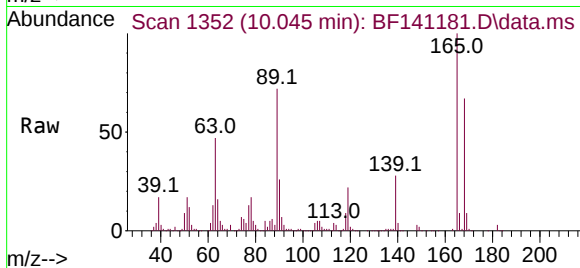




#57
2,4-Dinitrotoluene
Concen: 53.138 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

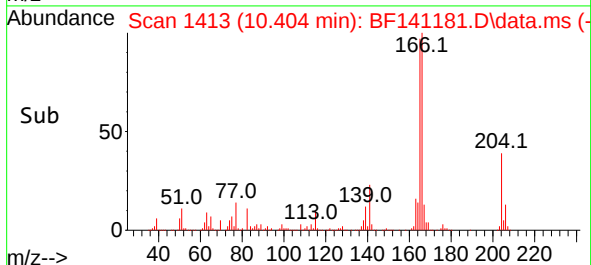
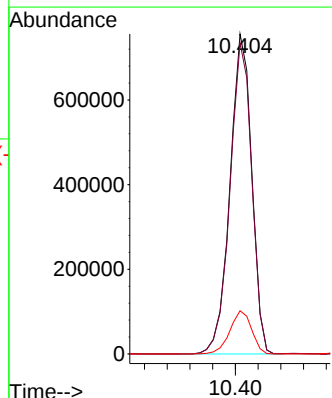
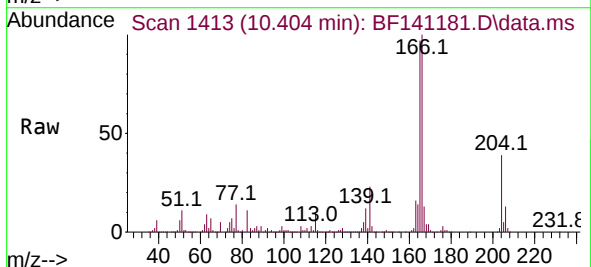
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:165 Resp: 331260
Ion Ratio Lower Upper
165 100
63 47.0 35.0 52.4
89 71.7 56.7 85.1
182 2.9 2.3 3.5



#58
Fluorene
Concen: 50.803 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:166 Resp: 1004321
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 13.5 10.8 16.2

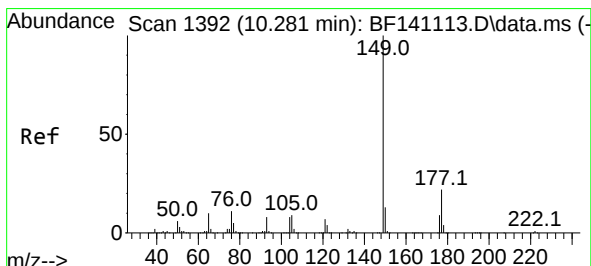
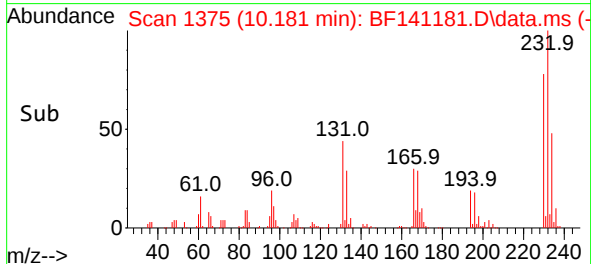
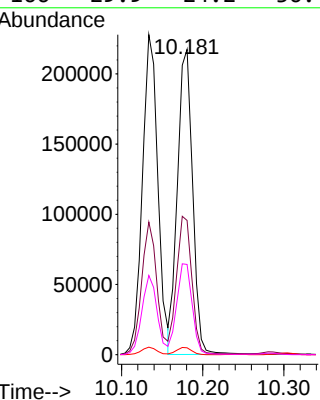
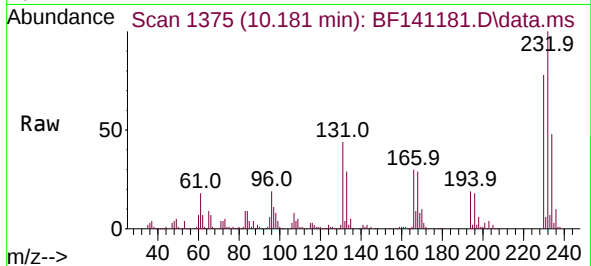




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.774 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

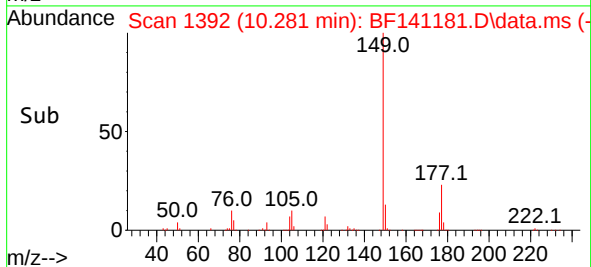
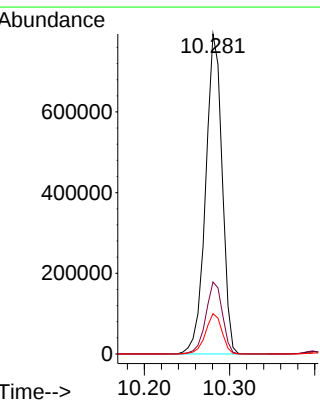
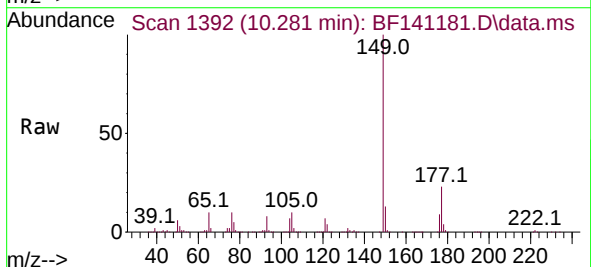
Instrument :
BNA_F
ClientSampleId :
PB166074BS

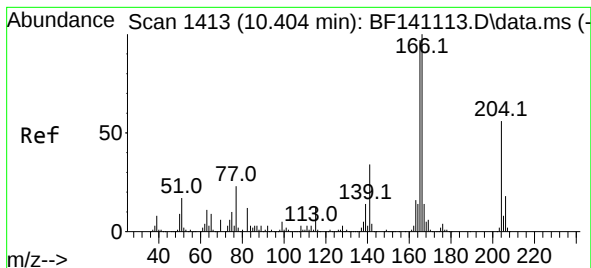
Tgt Ion:232 Resp: 283146
Ion Ratio Lower Upper
232 100
131 45.9 36.2 54.4
130 2.4 2.0 3.0
166 29.9 24.2 36.4



#60
Diethylphthalate
Concen: 52.653 ng
RT: 10.281 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:149 Resp: 1069265
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.6 10.2 15.2

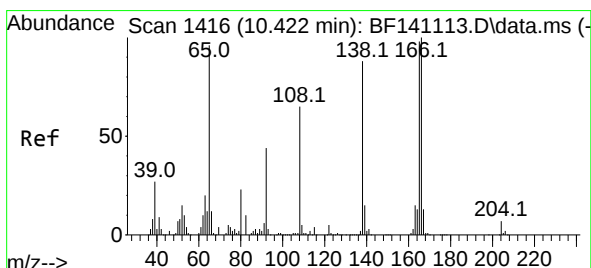
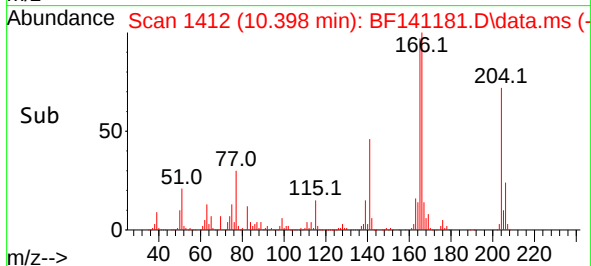
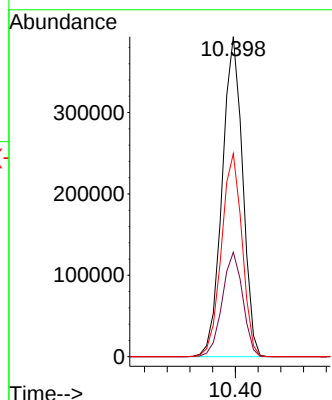
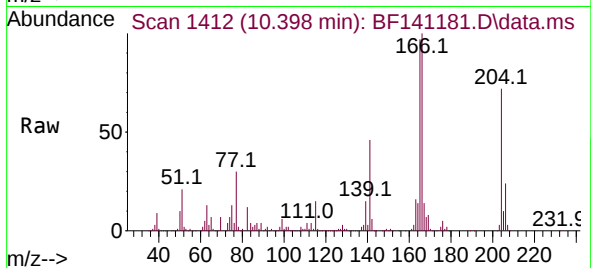




#61
4-Chlorophenyl-phenylether
Concen: 51.062 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

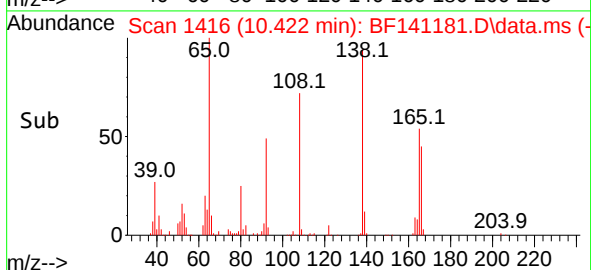
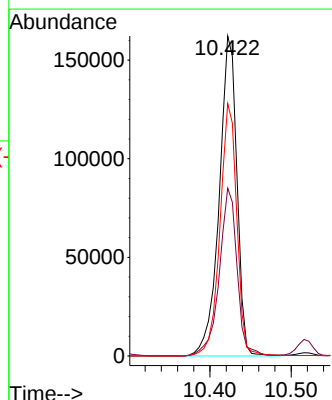
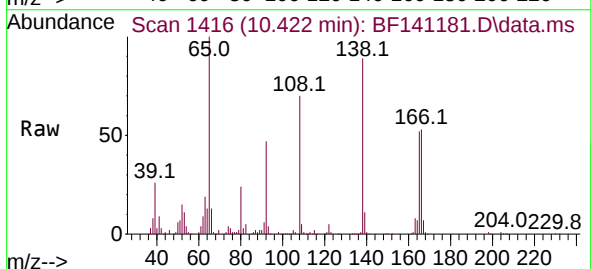
Instrument :
BNA_F
ClientSampleId :
PB166074BS

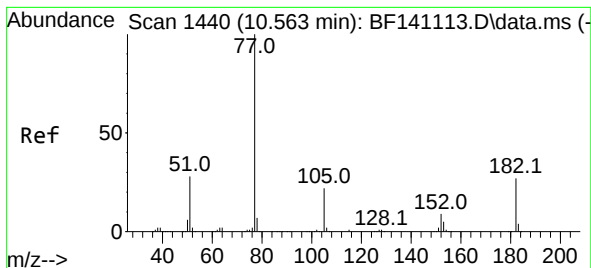
Tgt Ion:204 Resp: 491996
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 63.5 49.1 73.7



#62
4-Nitroaniline
Concen: 51.215 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:138 Resp: 246411
Ion Ratio Lower Upper
138 100
92 52.5 29.4 69.4
108 78.9 53.7 93.7





#63

Azobenzene

Concen: 51.500 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS

Tgt Ion: 77 Resp: 1031960

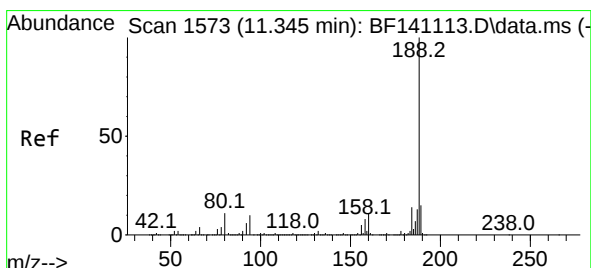
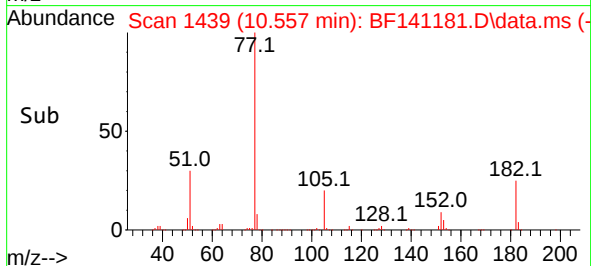
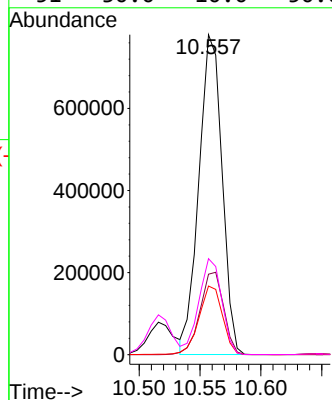
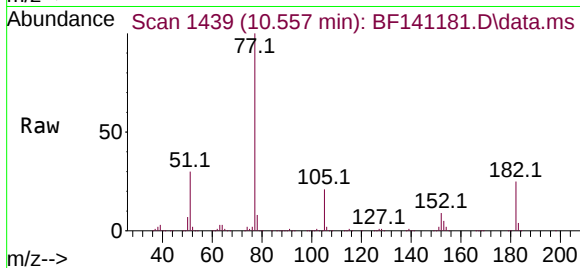
Ion Ratio Lower Upper

77 100

182 25.2 6.1 46.1

105 21.4 2.1 42.1

51 30.0 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

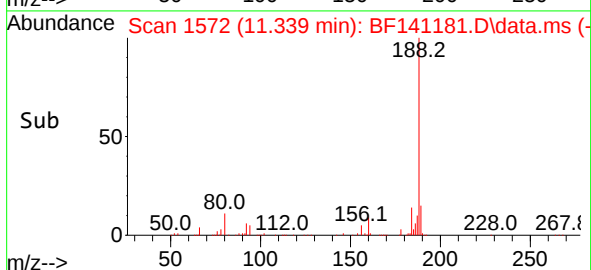
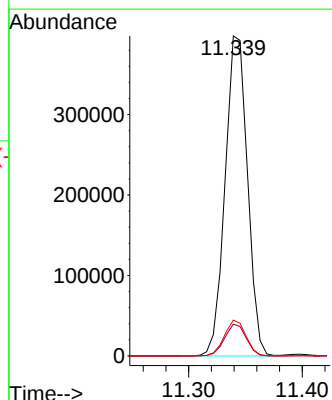
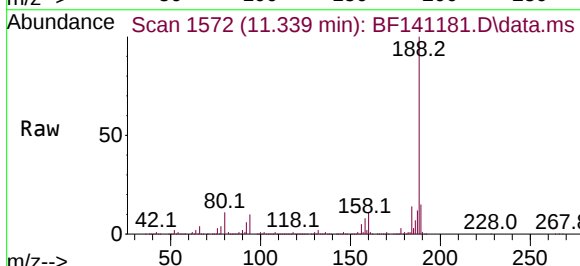
Tgt Ion: 188 Resp: 544489

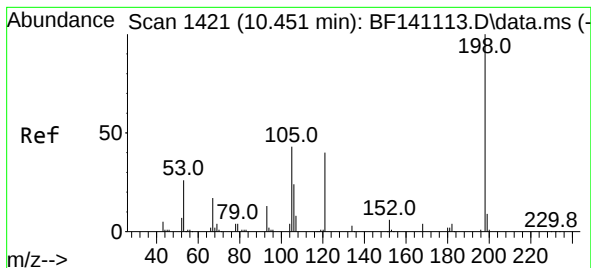
Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 11.2 9.0 13.4

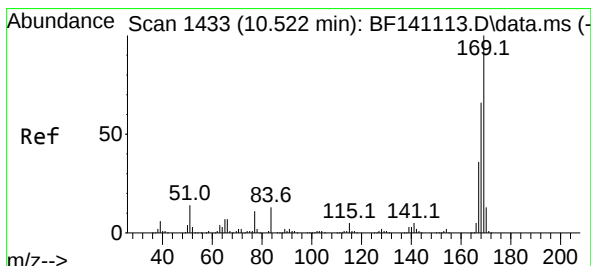
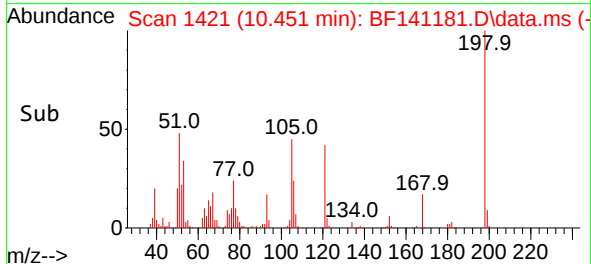
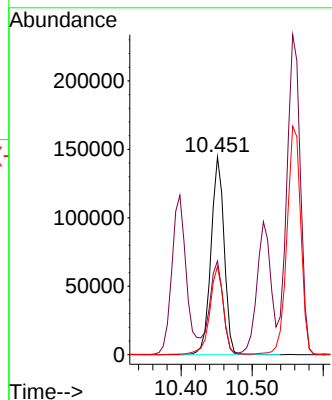
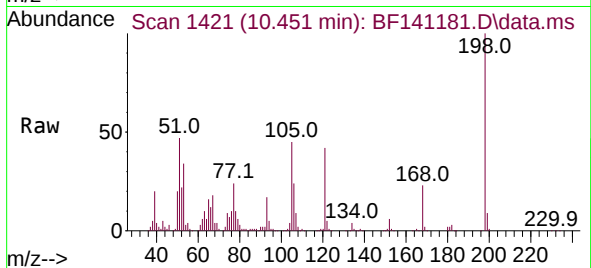




#65
4,6-Dinitro-2-methylphenol
Concen: 58.949 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

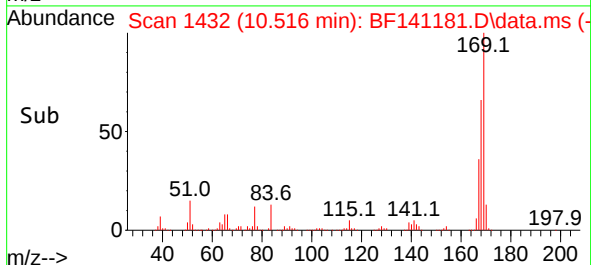
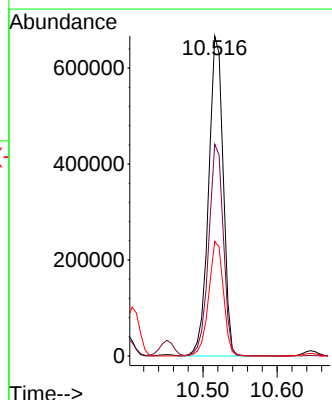
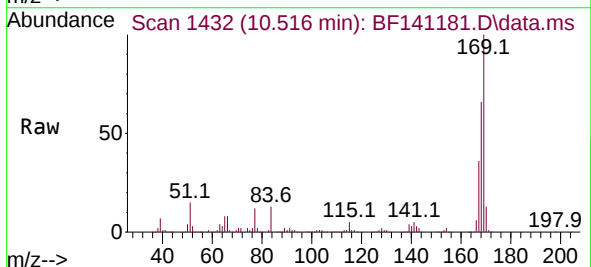
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:198 Resp: 185993
Ion Ratio Lower Upper
198 100
51 47.4 27.1 67.1
105 44.6 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 51.752 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:169 Resp: 908887
Ion Ratio Lower Upper
169 100
168 66.1 52.5 78.7
167 35.8 28.9 43.3

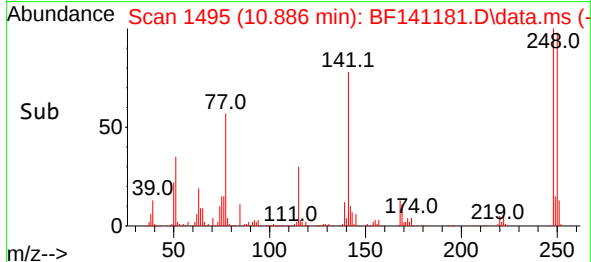
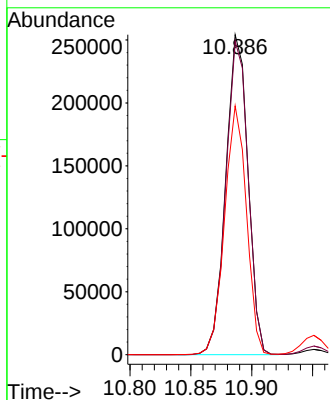
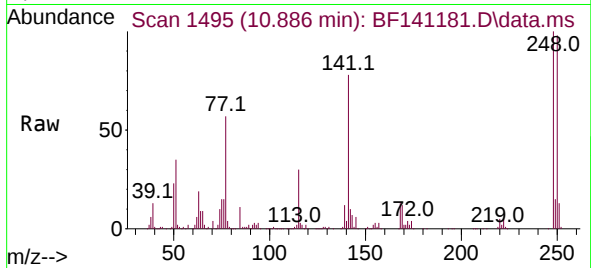




#67
4-Bromophenyl-phenylether
Concen: 51.629 ng
RT: 10.886 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

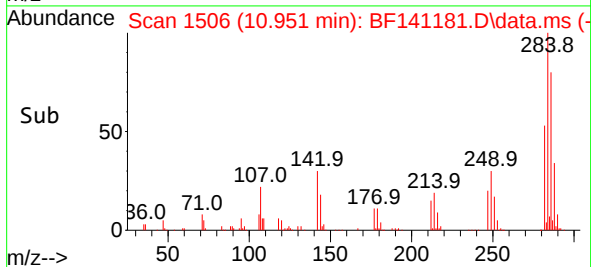
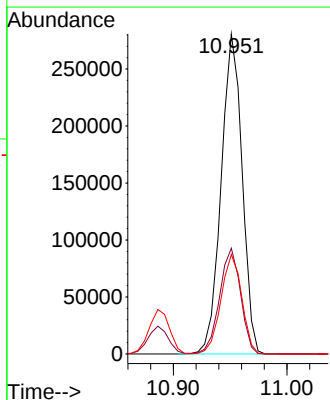
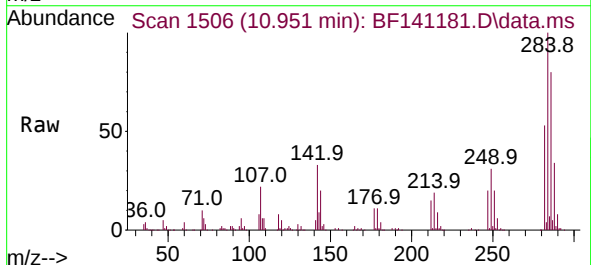
Instrument :
BNA_F
ClientSampleId :
PB166074BS

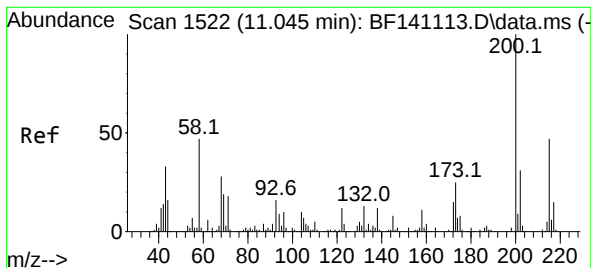
Tgt Ion:248 Resp: 323645
Ion Ratio Lower Upper
248 100
250 98.0 77.9 116.9
141 77.7 59.9 89.9



#68
Hexachlorobenzene
Concen: 51.594 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:284 Resp: 360032
Ion Ratio Lower Upper
284 100
142 33.0 26.3 39.5
249 31.1 24.9 37.3





#69

Atrazine

Concen: 68.034 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS

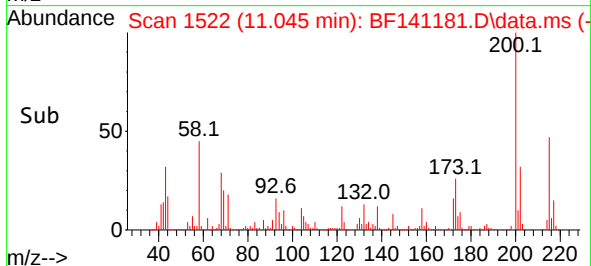
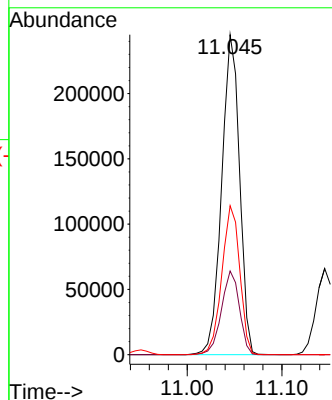
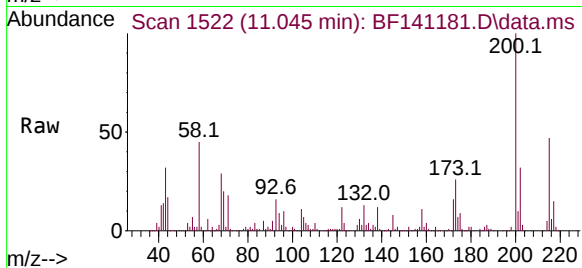
Tgt Ion:200 Resp: 321719

Ion Ratio Lower Upper

200 100

173 26.1 5.4 45.4

215 46.6 26.6 66.6



#70

Pentachlorophenol

Concen: 104.439 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

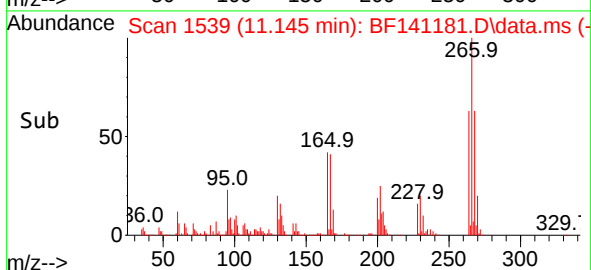
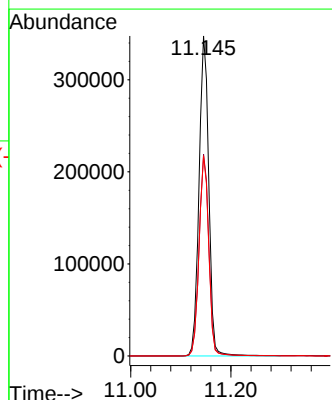
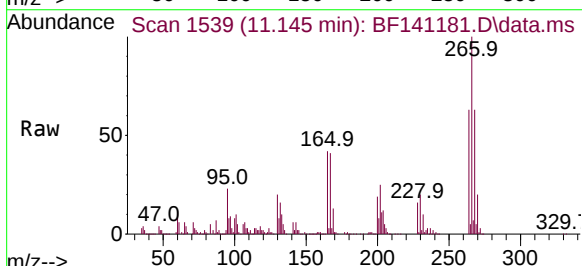
Tgt Ion:266 Resp: 466726

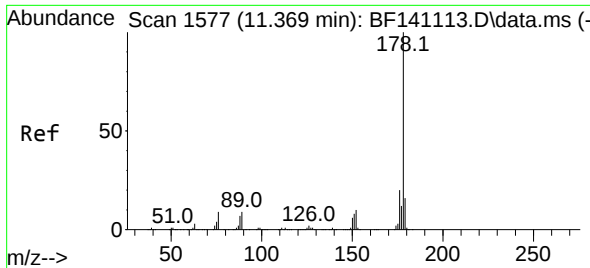
Ion Ratio Lower Upper

266 100

268 63.1 50.4 75.6

264 62.6 50.2 75.2

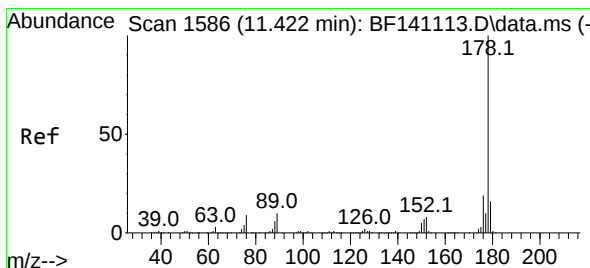
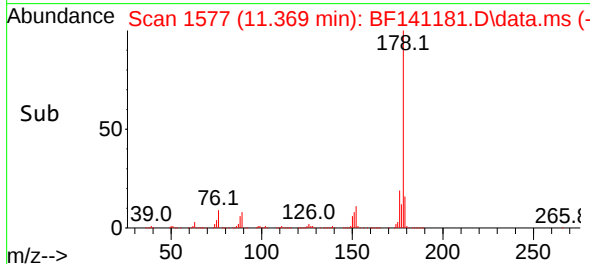
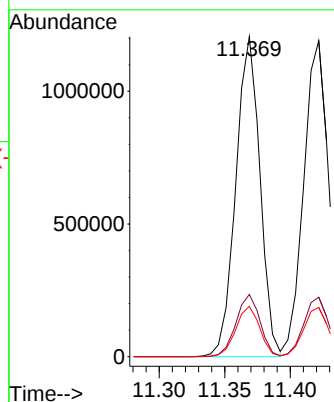
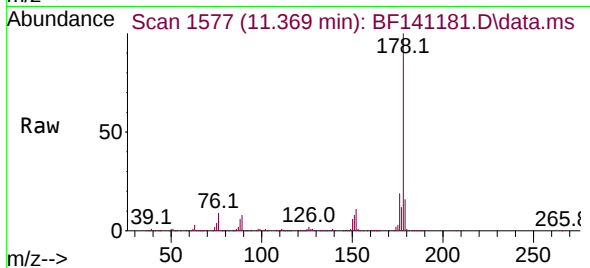




#71
Phenanthrene
Concen: 52.908 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

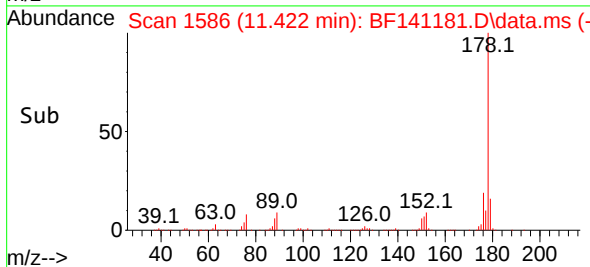
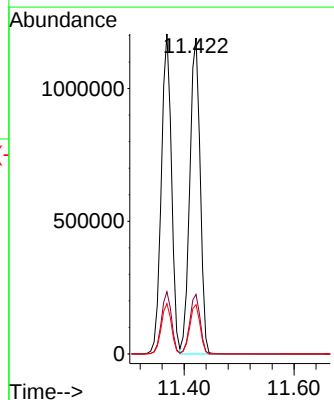
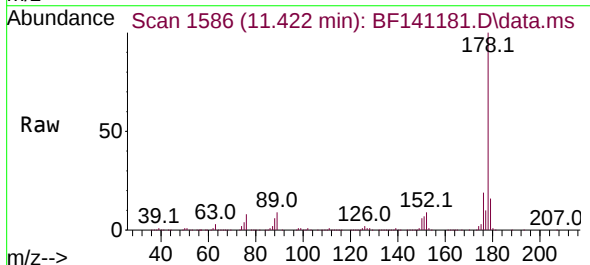
Instrument :
BNA_F
ClientSampleId :
PB166074BS

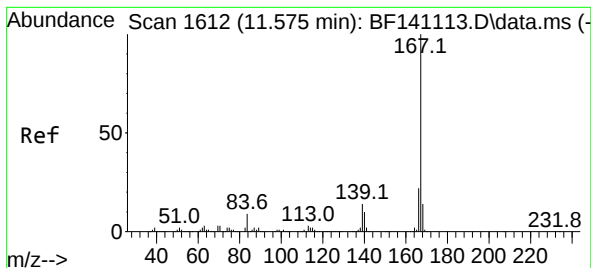
Tgt Ion:178 Resp: 1546589
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.7 12.6 19.0



#72
Anthracene
Concen: 54.734 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:178 Resp: 1555748
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.6 12.6 19.0





#73

Carbazole

Concen: 52.887 ng

RT: 11.575 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

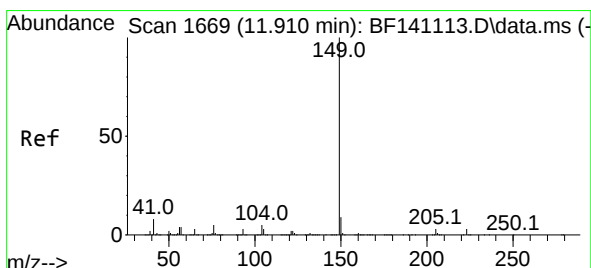
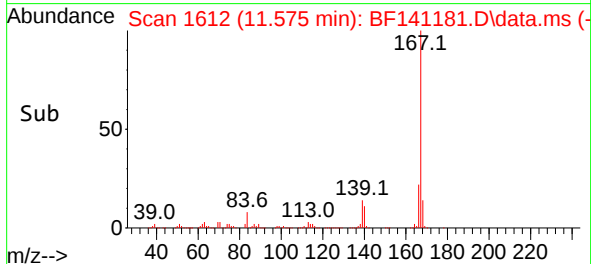
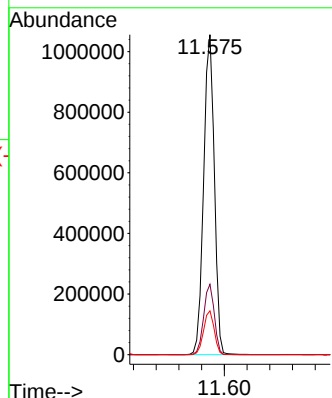
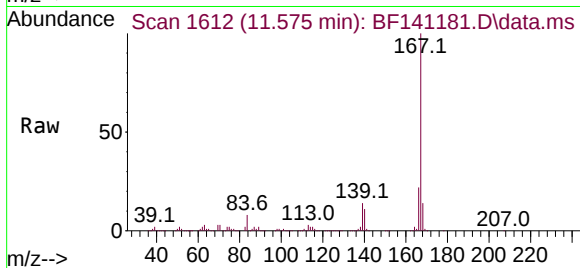
BNA_F

ClientSampleId :

PB166074BS

Tgt Ion:167 Resp: 1378382

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	13.7	10.9	16.3



#74

Di-n-butylphthalate

Concen: 55.593 ng

RT: 11.910 min Scan# 1669

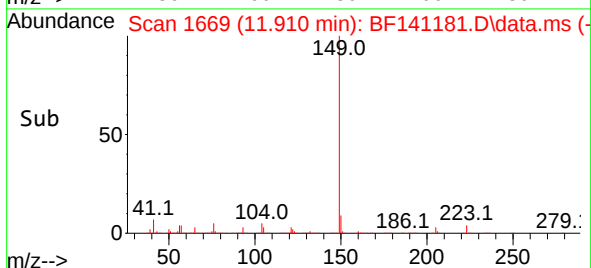
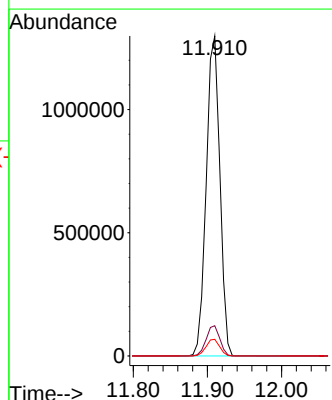
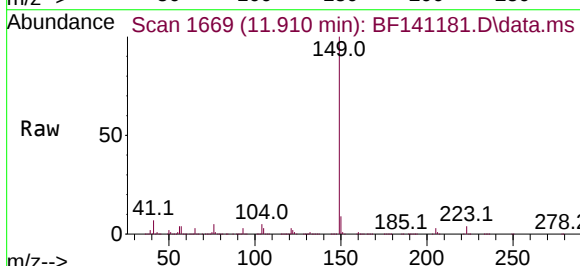
Delta R.T. 0.000 min

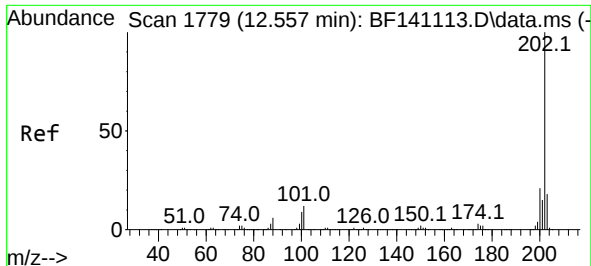
Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Tgt Ion:149 Resp: 1658134

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.2	4.2	6.2

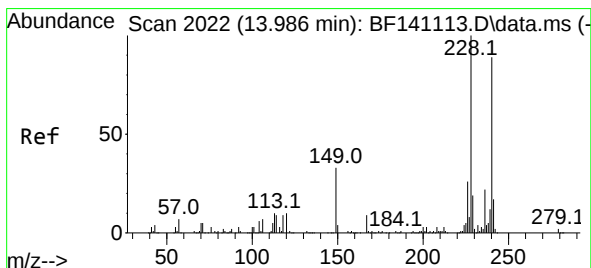
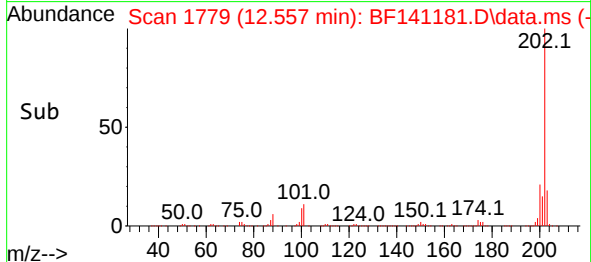
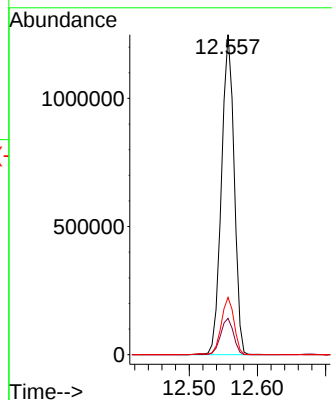
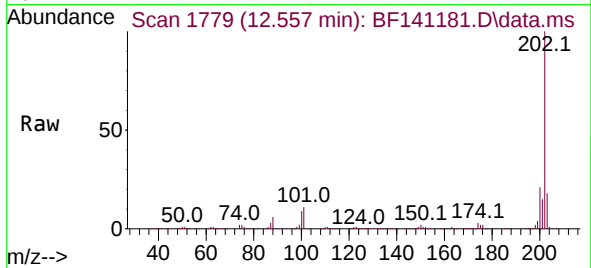




#75
Fluoranthene
Concen: 55.566 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

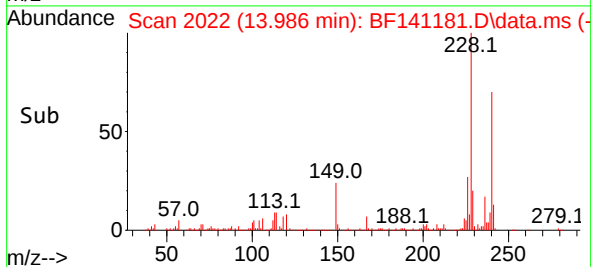
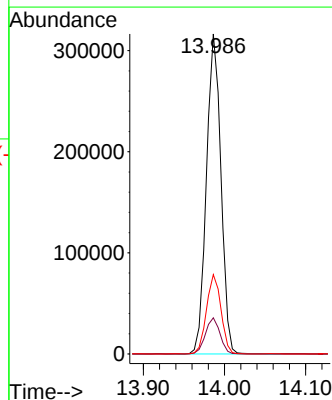
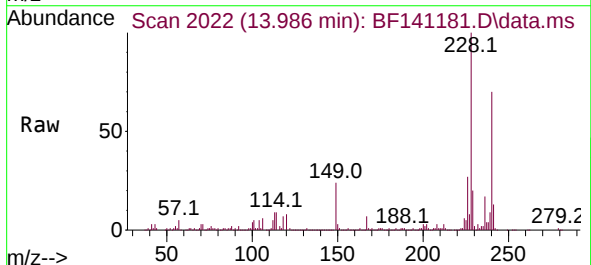
Instrument :
BNA_F
ClientSampleId :
PB166074BS

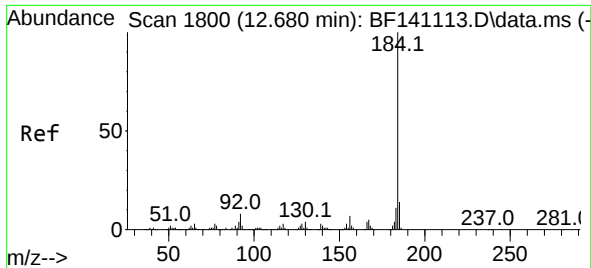
Tgt Ion:202 Resp: 1620899
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.3
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:240 Resp: 391544
Ion Ratio Lower Upper
240 100
120 11.3 9.1 13.7
236 24.8 19.8 29.6

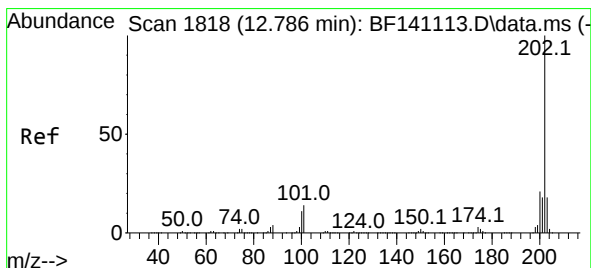
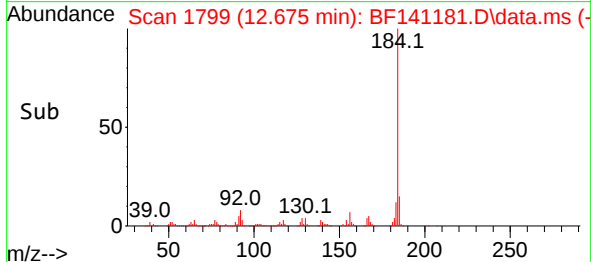
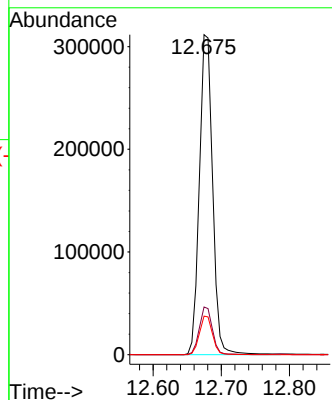
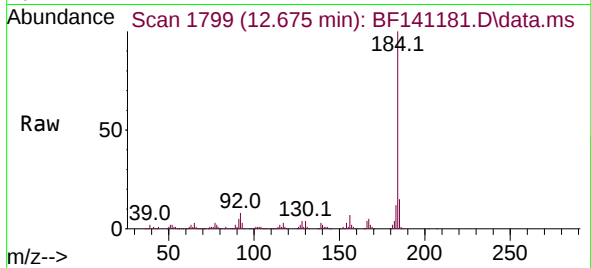




#77
Benzidine
Concen: 57.917 ng
RT: 12.675 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

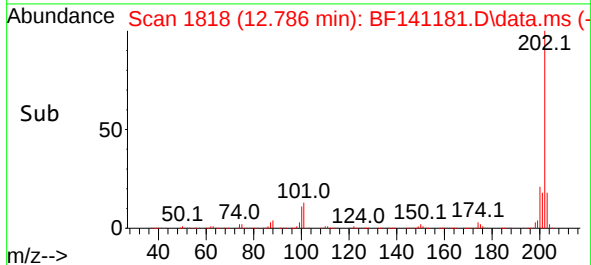
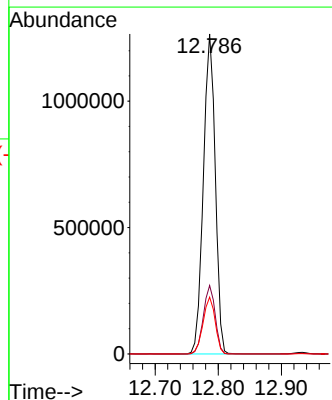
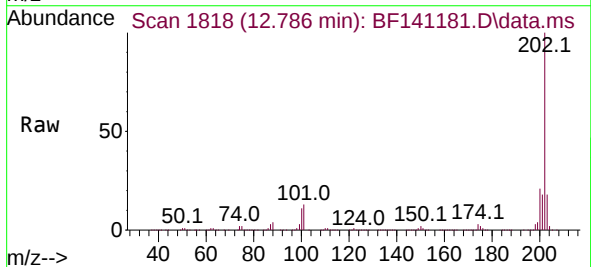
Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:184 Resp: 420531
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.0
183 12.1 9.2 13.8



#78
Pyrene
Concen: 44.283 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:202 Resp: 1656083
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 92.167 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS

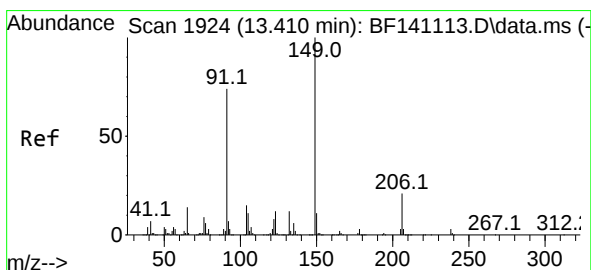
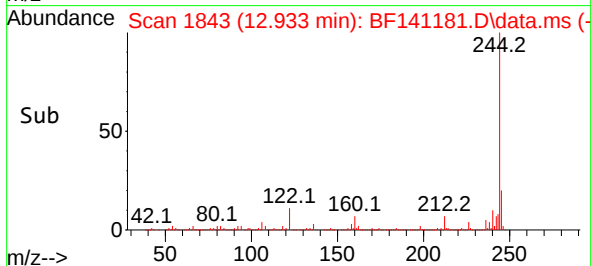
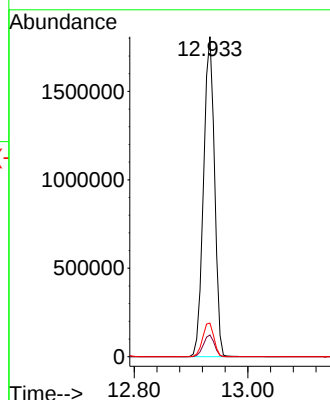
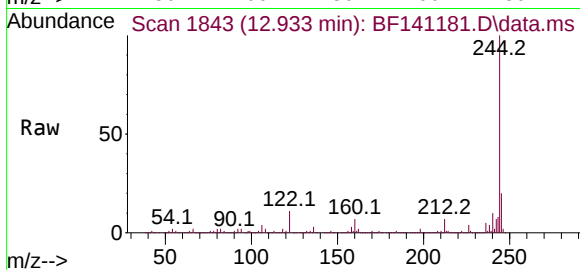
Tgt Ion:244 Resp: 2427999

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.5 8.8 13.2



#80

Butylbenzylphthalate

Concen: 53.988 ng

RT: 13.410 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

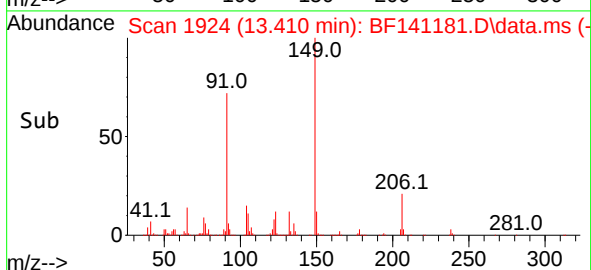
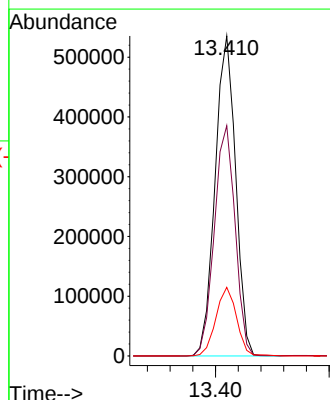
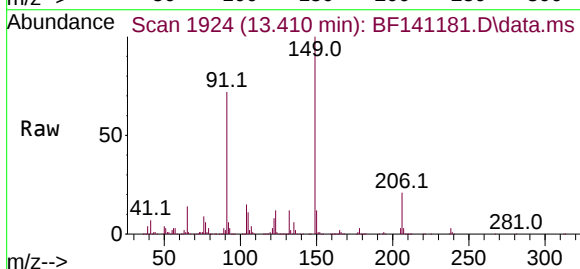
Tgt Ion:149 Resp: 673149

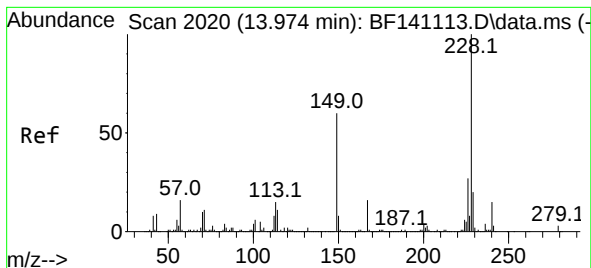
Ion Ratio Lower Upper

149 100

91 72.0 59.0 88.6

206 21.5 16.5 24.7





#81

Benzo(a)anthracene

Concen: 47.933 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS

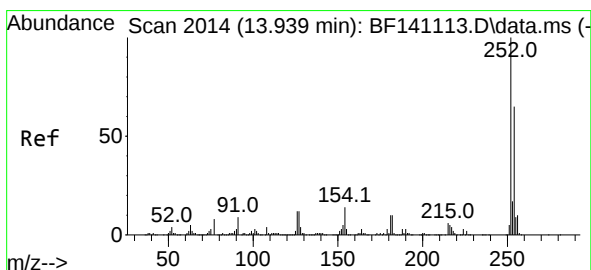
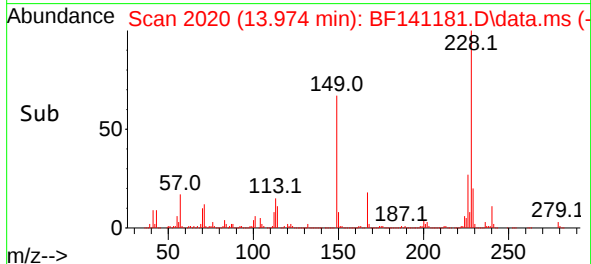
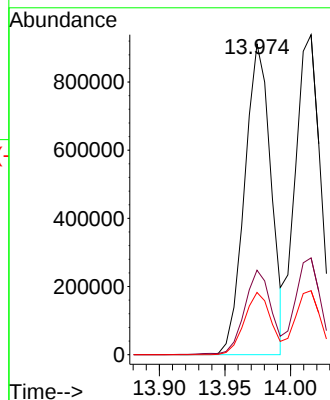
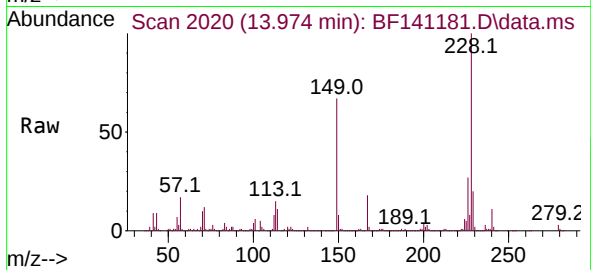
Tgt Ion:228 Resp: 1277252

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 28.231 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

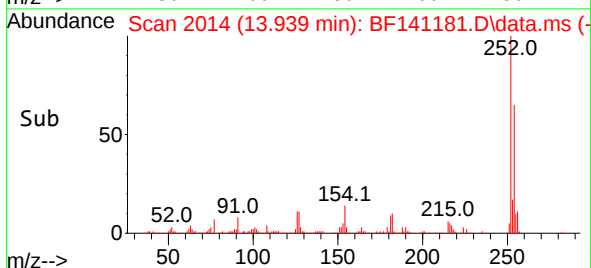
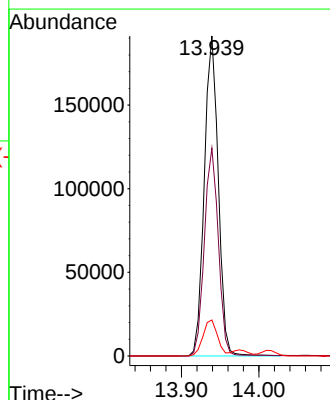
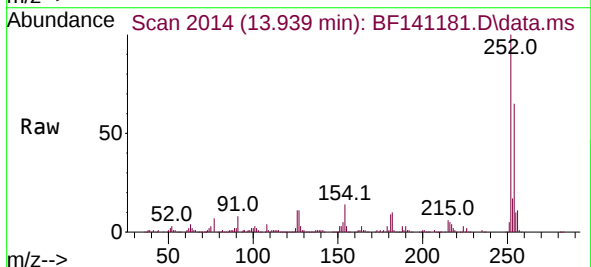
Tgt Ion:252 Resp: 239537

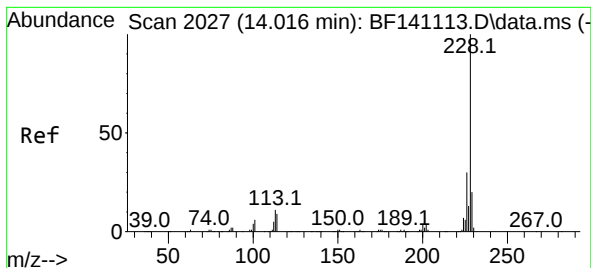
Ion Ratio Lower Upper

252 100

254 65.0 52.0 78.0

126 11.3 9.4 14.0





#83

Chrysene

Concen: 50.018 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS

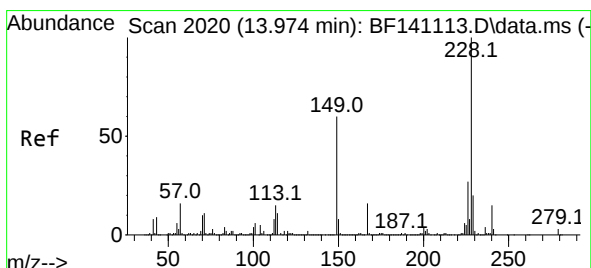
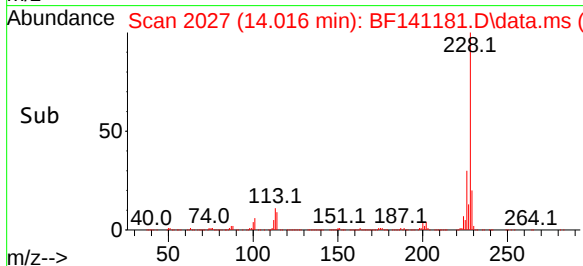
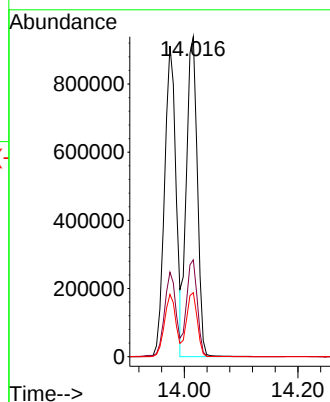
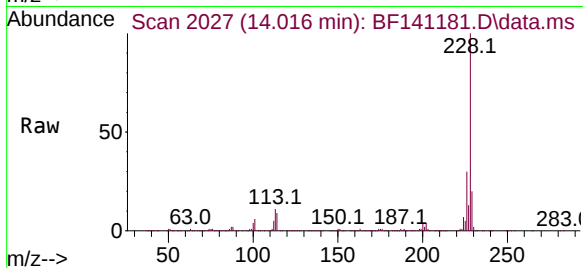
Tgt Ion:228 Resp: 1247123

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.744 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

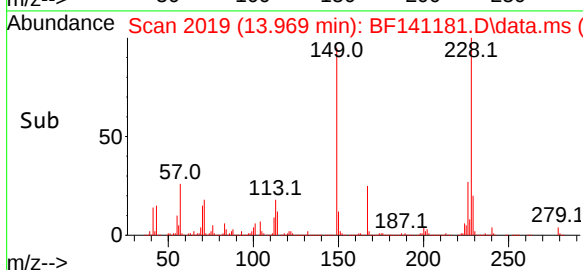
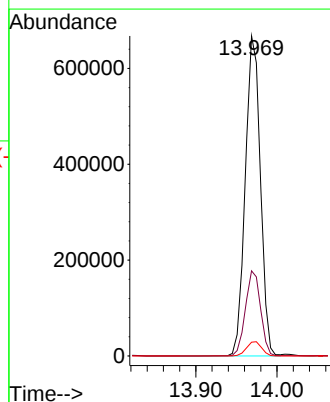
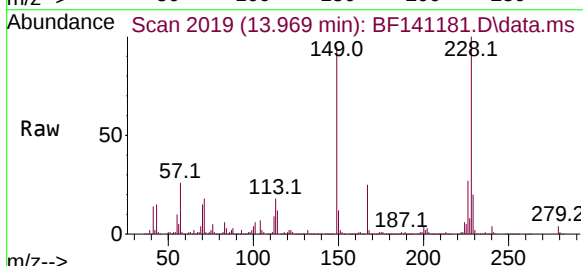
Tgt Ion:149 Resp: 863885

Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.2

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 59.991 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166074BS

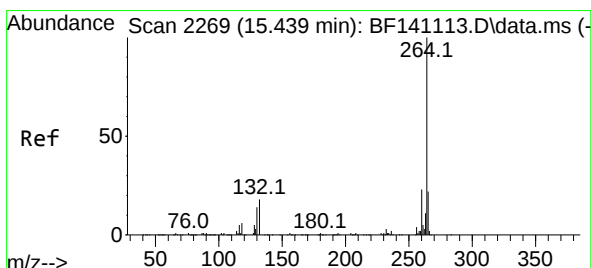
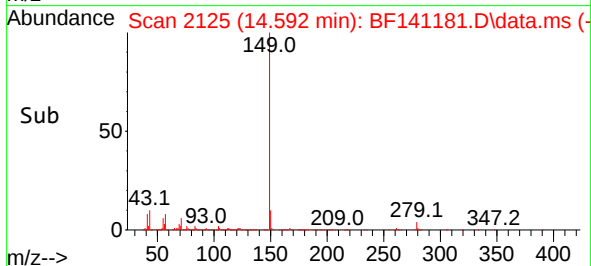
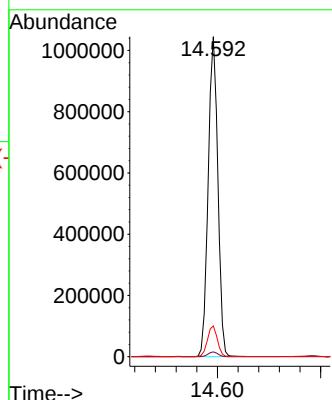
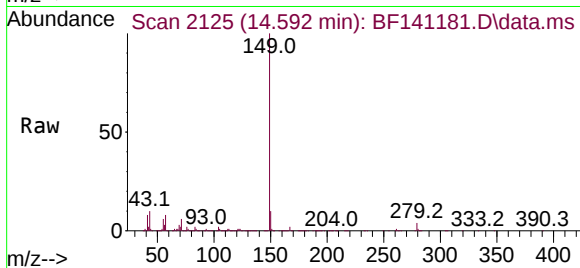
Tgt Ion:149 Resp: 1355285

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141181.D

Acq: 16 Jan 2025 13:21

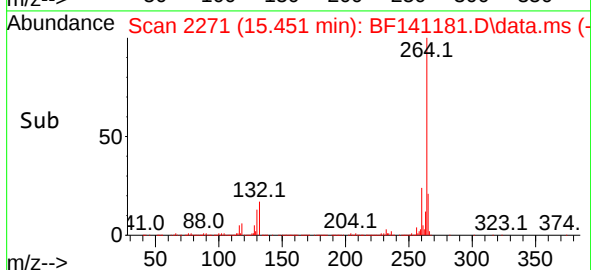
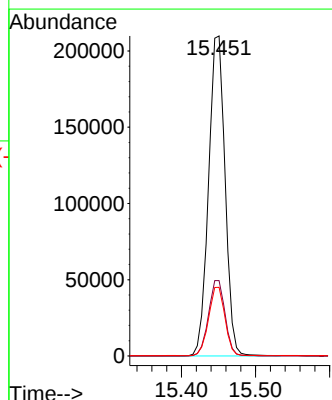
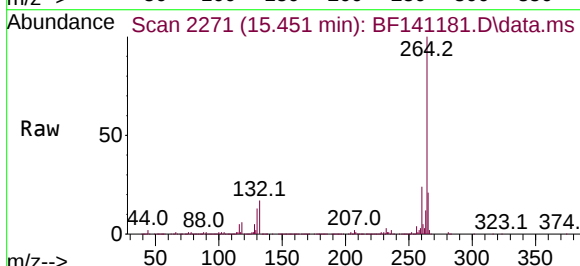
Tgt Ion:264 Resp: 324946

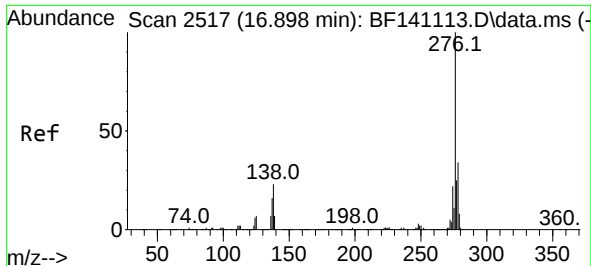
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.5 17.4 26.0

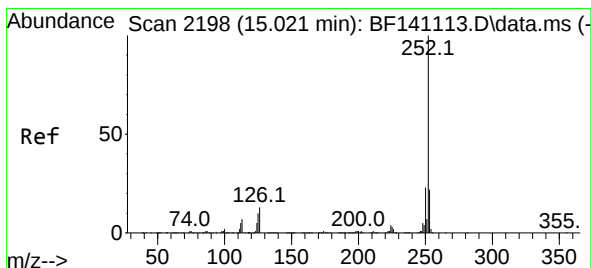
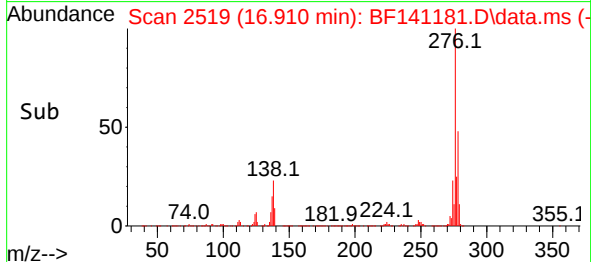
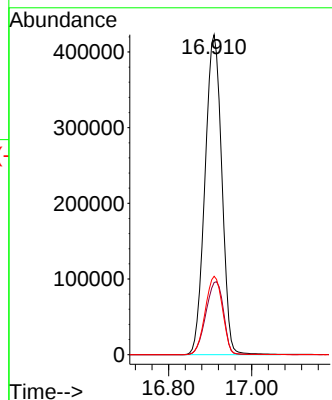
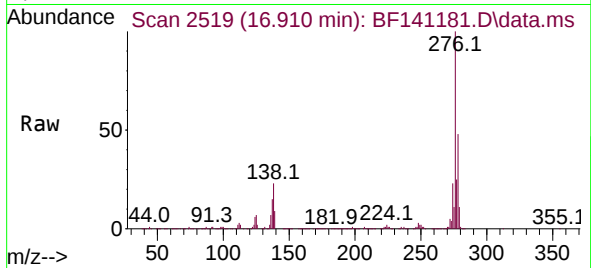




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.804 ng
 RT: 16.910 min Scan# 2199
 Delta R.T. 0.012 min
 Lab File: BF141181.D
 Acq: 16 Jan 2025 13:21

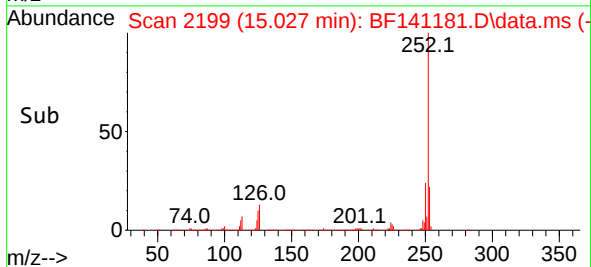
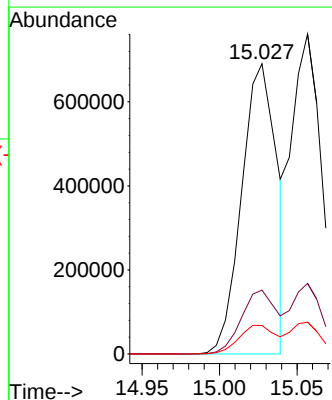
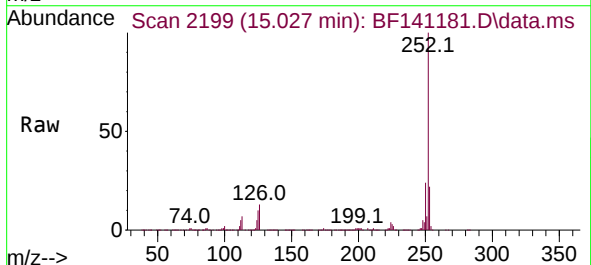
Instrument :
 BNA_F
 ClientSampleId :
 PB166074BS

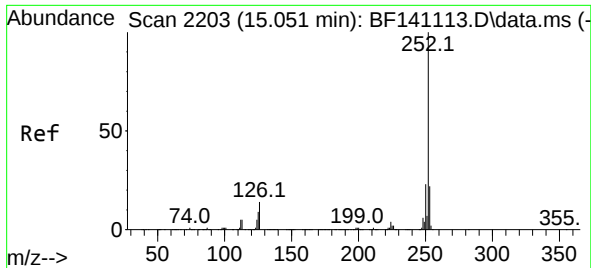
Tgt Ion:276 Resp: 1185660
 Ion Ratio Lower Upper
 276 100
 138 24.1 20.7 31.1
 277 25.2 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 51.606 ng
 RT: 15.027 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF141181.D
 Acq: 16 Jan 2025 13:21

Tgt Ion:252 Resp: 1081322
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.6
 125 9.8 8.1 12.1

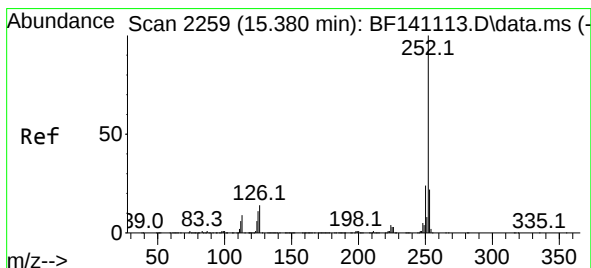
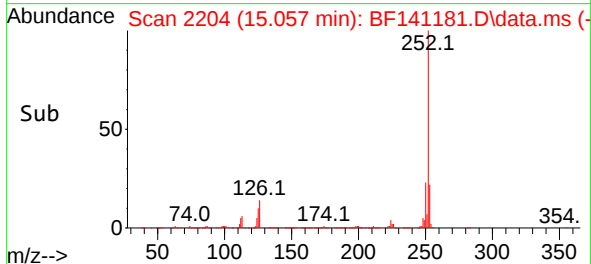
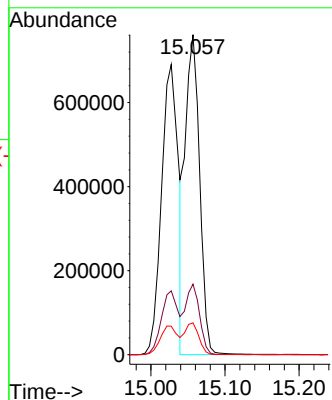
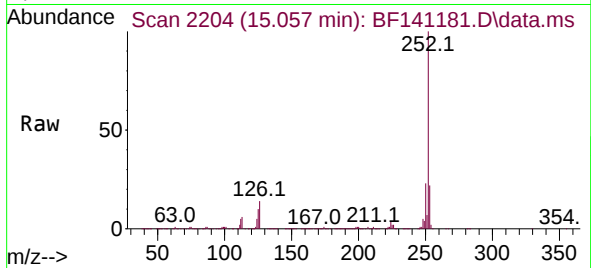




#89
Benzo(k)fluoranthene
Concen: 58.155 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

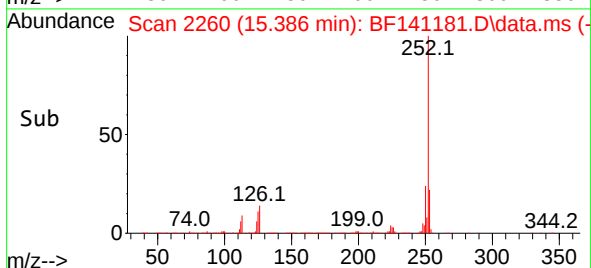
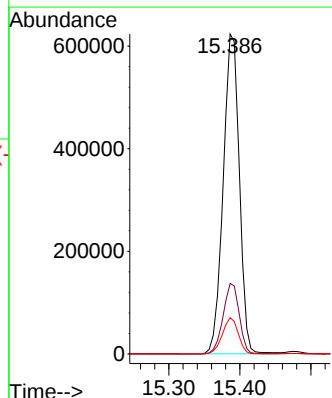
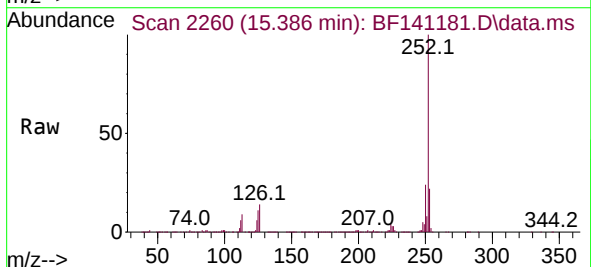
Instrument :
BNA_F
ClientSampleId :
PB166074BS

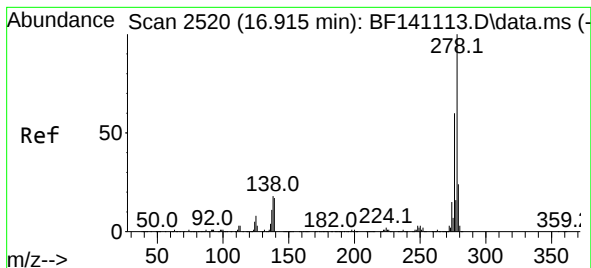
Tgt Ion:252 Resp: 1029784
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.0 7.9 11.9



#90
Benzo(a)pyrene
Concen: 56.740 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:252 Resp: 980914
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.4 9.1 13.7

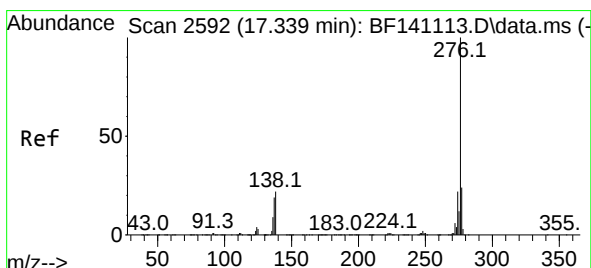
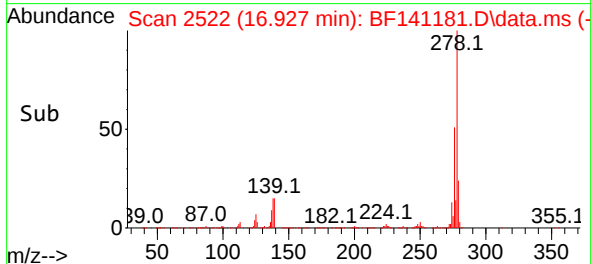
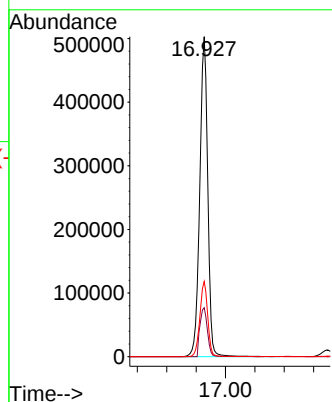
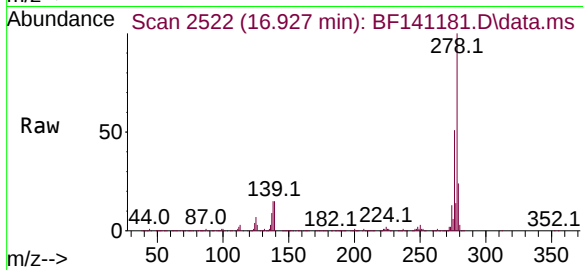




#91
Dibenzo(a,h)anthracene
Concen: 49.468 ng
RT: 16.927 min Scan# 2522
Delta R.T. 0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Instrument :
BNA_F
ClientSampleId :
PB166074BS

Tgt Ion:278 Resp: 952489
Ion Ratio Lower Upper
278 100
139 15.3 13.8 20.6
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.492 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF141181.D
Acq: 16 Jan 2025 13:21

Tgt Ion:276 Resp: 891076
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 20.6 17.4 26.2

