

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142117.D
 Acq On : 27 Mar 2025 10:33
 Operator : RC/JU
 Sample : PB167321BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167321BS

Manual Integrations
 APPROVED

Reviewed By :Anahy
 Claudio

Quant Time: Mar 27 11:47:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	128221	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	507131	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	310958	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	550860	20.000	ng	0.00
76) Chrysene-d12	14.039	240	326385	20.000	ng	0.00
86) Perylene-d12	15.510	264	360617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1091445	142.065	ng	0.00
7) Phenol-d6	6.504	99	1323739	135.327	ng	0.00
23) Nitrobenzene-d5	7.434	82	881553	97.825	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	656357	166.381	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1980275	96.850	ng	-0.01
79) Terphenyl-d14	12.980	244	2337171	105.869	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	137880	42.832	ng	97
3) Pyridine	3.463	79	373242	47.269	ng	97
4) n-Nitrosodimethylamine	3.416	42	171807	45.645	ng	95
6) Aniline	6.534	93	367516	38.086	ng	96
8) 2-Chlorophenol	6.657	128	455191	53.422	ng	97
9) Benzaldehyde	6.422	77	282787	51.691	ng	99
10) Phenol	6.516	94	509173	49.479	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	380073	49.187	ng	97
12) 1,3-Dichlorobenzene	6.810	146	475831	51.726	ng	100
13) 1,4-Dichlorobenzene	6.887	146	483289	51.925	ng	99
14) 1,2-Dichlorobenzene	7.040	146	464896	53.030	ng	99
15) Benzyl Alcohol	7.010	79	383431	48.486	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	427224	45.796	ng	97
17) 2-Methylphenol	7.122	107	354011	52.254	ng	99
18) Hexachloroethane	7.381	117	178715	51.205	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	292864	46.595	ng	98
20) 3+4-Methylphenols	7.275	107	438991	50.588	ng	# 87
22) Acetophenone	7.281	105	592291	48.770	ng	97
24) Nitrobenzene	7.457	77	451130	50.358	ng	97
25) Isophorone	7.692	82	827949	51.976	ng	99
26) 2-Nitrophenol	7.769	139	243058	55.280	ng	98
27) 2,4-Dimethylphenol	7.804	122	415601	68.646	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	492540	49.298	ng	99
29) 2,4-Dichlorophenol	8.010	162	390617	51.980	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	434913	52.516	ng	99
31) Naphthalene	8.175	128	1299645	49.889	ng	100
32) Benzoic acid	7.928	122	278315	52.296	ng	97
33) 4-Chloroaniline	8.222	127	123638	13.444	ng	98
34) Hexachlorobutadiene	8.292	225	290731	53.831	ng	99
35) Caprolactam	8.598	113	124473m	54.329	ng	
36) 4-Chloro-3-methylphenol	8.704	107	437420	52.181	ng	98
37) 2-Methylnaphthalene	8.869	142	846210	48.598	ng	99
38) 1-Methylnaphthalene	8.969	142	875749	52.119	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	488435	51.591	ng	98
41) Hexachlorocyclopentadiene	9.022	237	682887	184.307	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	315109	50.928	ng	99

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 Upadhyay

04/01/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	347194	55.404	ng	98
46) 1,1'-Biphenyl	9.333	154	1195005	50.578	ng	99
47) 2-Chloronaphthalene	9.357	162	903017	51.278	ng	98
48) 2-Nitroaniline	9.451	65	256605	50.325	ng	97
49) Acenaphthylene	9.775	152	1433699	54.861	ng	100
50) Dimethylphthalate	9.633	163	1125321	51.678	ng	100
51) 2,6-Dinitrotoluene	9.698	165	250743	55.304	ng	89
52) Acenaphthene	9.945	154	1046007	56.956	ng	100
53) 3-Nitroaniline	9.863	138	99342	21.601	ng	97
54) 2,4-Dinitrophenol	9.975	184	289587	109.752	ng	# 44
55) Dibenzofuran	10.116	168	1272272	48.483	ng	99
56) 4-Nitrophenol	10.028	139	385796	111.236	ng	95
57) 2,4-Dinitrotoluene	10.098	165	337634	57.016	ng	99
58) Fluorene	10.463	166	1024700	50.636	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	308000	54.013	ng	97
60) Diethylphthalate	10.333	149	1058669	48.757	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	534893	50.698	ng	97
62) 4-Nitroaniline	10.480	138	236418	52.802	ng	99
63) Azobenzene	10.610	77	975032	48.300	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	202618	61.700	ng	95
66) n-Nitrosodiphenylamine	10.569	169	926750	51.988	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	364685	52.714	ng	97
68) Hexachlorobenzene	11.010	284	424471	55.942	ng	93
69) Atrazine	11.098	200	357448	65.410	ng	99
70) Pentachlorophenol	11.204	266	484020	103.534	ng	99
71) Phenanthrene	11.422	178	1571298	52.810	ng	99
72) Anthracene	11.475	178	1554485	52.075	ng	99
73) Carbazole	11.627	167	1353296	52.568	ng	100
74) Di-n-butylphthalate	11.957	149	1738986	50.909	ng	99
75) Fluoranthene	12.610	202	1517781	48.089	ng	100
77) Benzidine	12.733	184	451729	99.201	ng	99
78) Pyrene	12.839	202	1487561	52.689	ng	100
80) Butylbenzylphthalate	13.457	149	572968	51.851	ng	98
81) Benzo(a)anthracene	14.027	228	1136487	53.063	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	97598	15.769	ng	100
83) Chrysene	14.063	228	1057348	54.462	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	754478	49.519	ng	99
85) Di-n-octyl phthalate	14.627	149	1149381	54.218	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	1258432	53.946	ng	98
88) Benzo(b)fluoranthene	15.080	252	1241107	50.216	ng	100
89) Benzo(k)fluoranthene	15.110	252	985943	46.616	ng	99
90) Benzo(a)pyrene	15.451	252	1064781	55.060	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1024547	53.231	ng	98
92) Benzo(g,h,i)perylene	17.456	276	977784	51.408	ng	99

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

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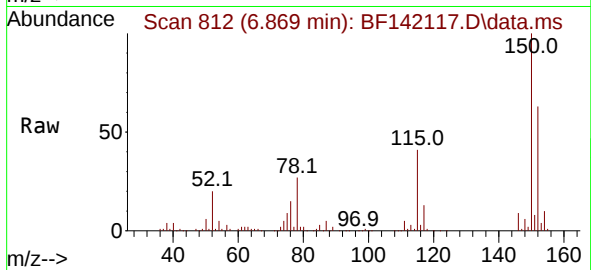
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 814
 Delta R.T. -0.012 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

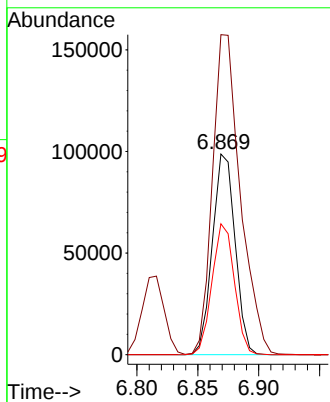
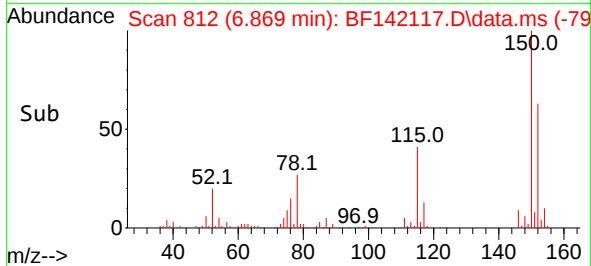
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Tgt Ion:152 Resp: 12822
 Ion Ratio Lower Upper
 152 100
 150 159.5 127.4 191.2
 115 65.3 51.9 77.9

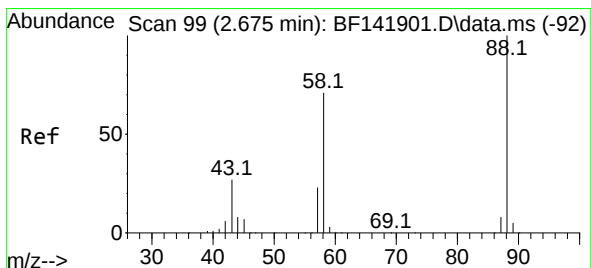
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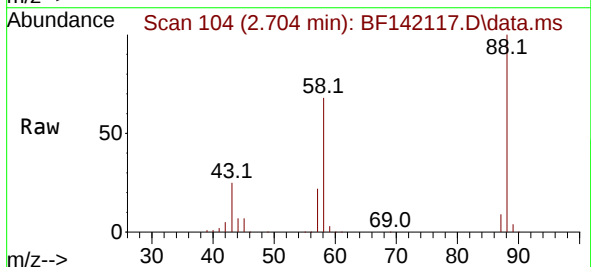


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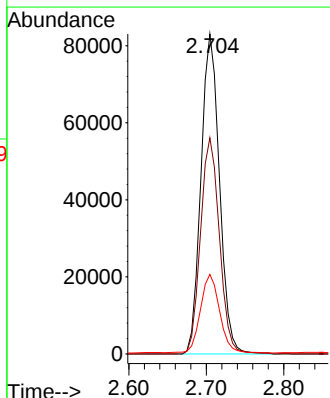
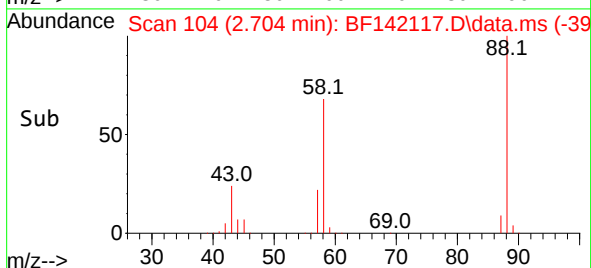
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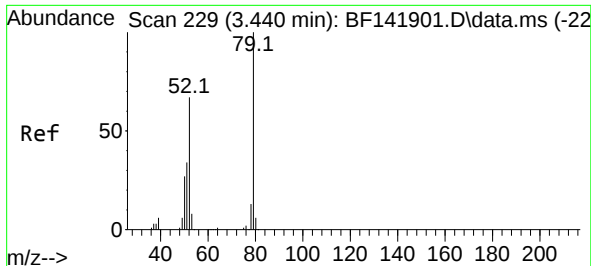


#2
 1,4-Dioxane
 Concen: 42.832 ng
 RT: 2.704 min Scan# 104
 Delta R.T. 0.029 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33



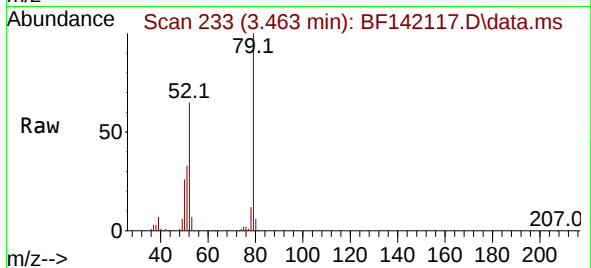
Tgt Ion: 88 Resp: 137880
 Ion Ratio Lower Upper
 88 100
 58 68.9 57.4 86.2
 43 25.4 21.5 32.3





#3
Pyridine
Concen: 47.269 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

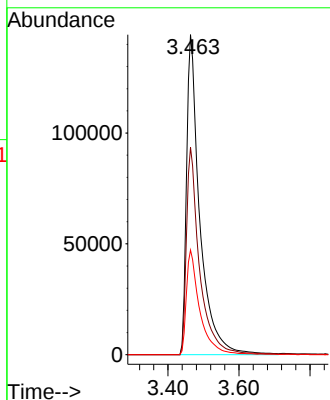
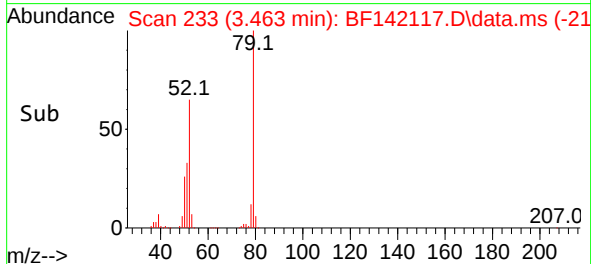
Instrument :
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ClientSampleId :
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Tgt Ion: 79 Resp: 37324
Ion Ratio Lower Upper
79 100
52 64.8 53.3 79.9
51 32.7 27.6 41.4

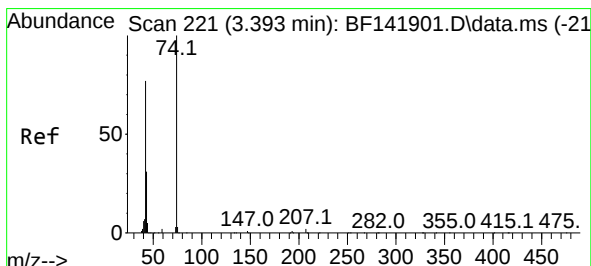
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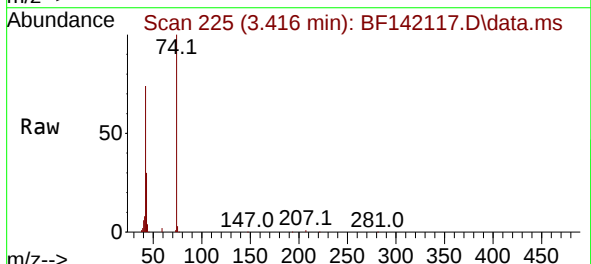


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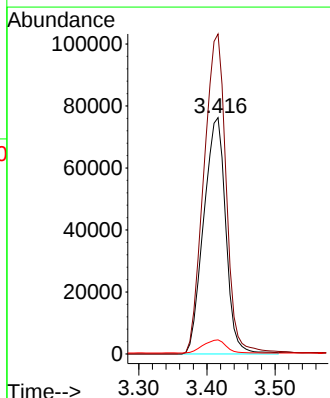
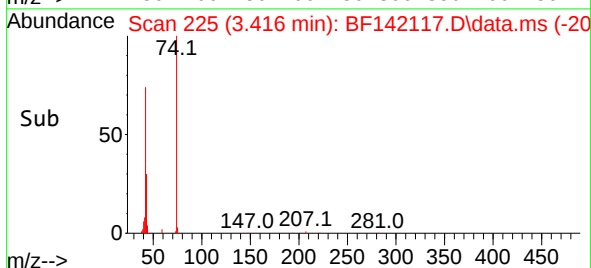
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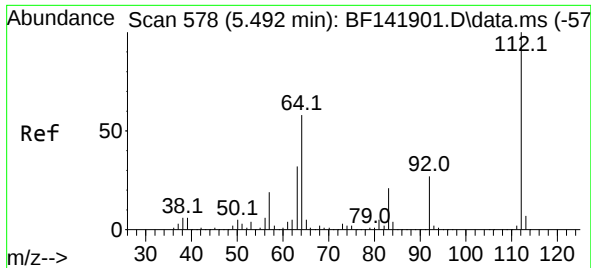


#4
n-Nitrosodimethylamine
Concen: 45.645 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.024 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion: 42 Resp: 171807
Ion Ratio Lower Upper
42 100
74 135.4 103.4 155.0
44 6.0 5.0 7.4





#5
2-Fluorophenol
Concen: 142.065 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

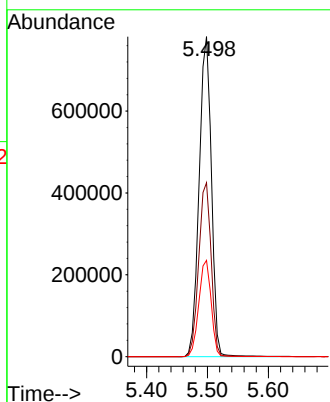
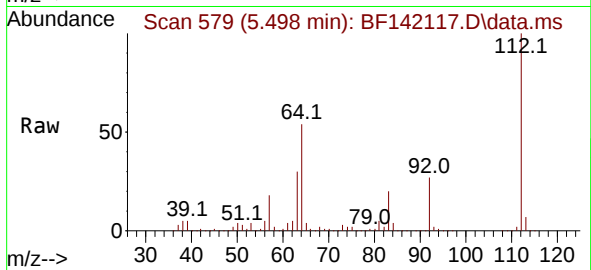
ClientSampleId :

PB167321BS

Tgt Ion:112 Resp: 109144
Ion Ratio Lower Upper
112 100
64 54.3 46.5 69.7
63 30.1 25.4 38.2

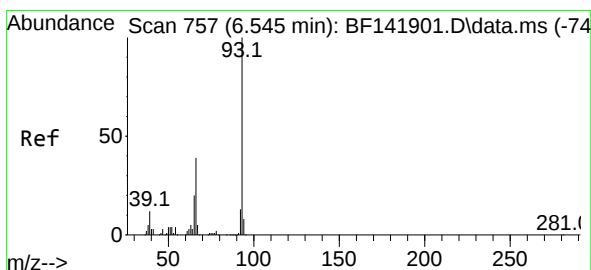
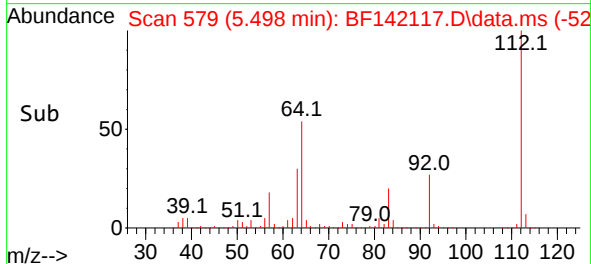
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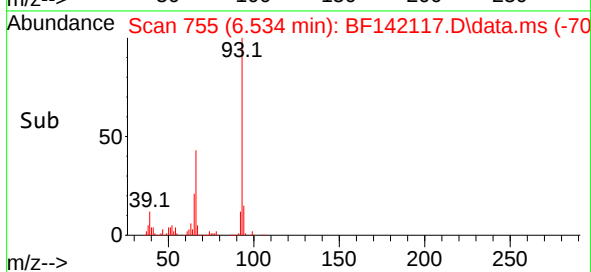
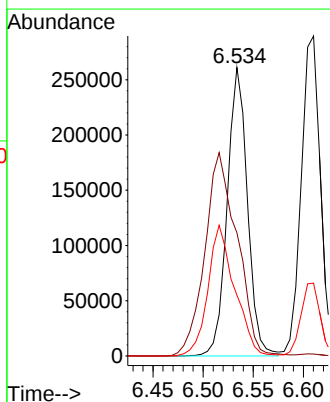
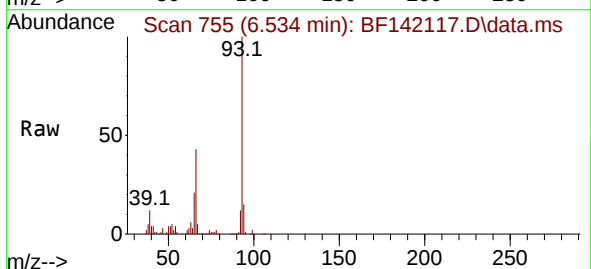
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#6
Aniline
Concen: 38.086 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142117.D
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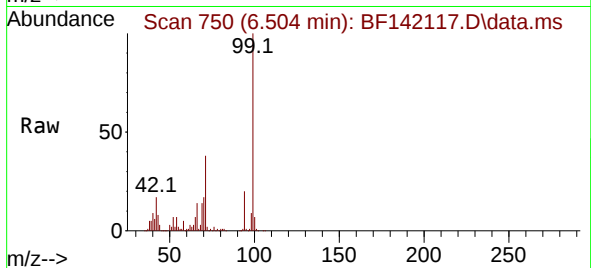
Tgt Ion: 93 Resp: 367516
Ion Ratio Lower Upper
93 100
66 42.7 31.9 47.9
65 21.1 15.8 23.6





#7
Phenol-d6
Concen: 135.327 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

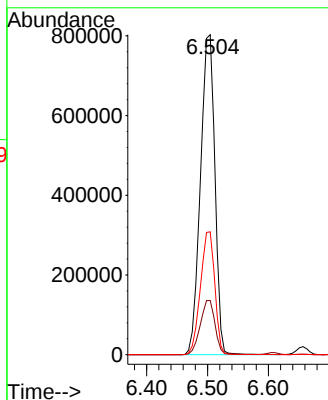
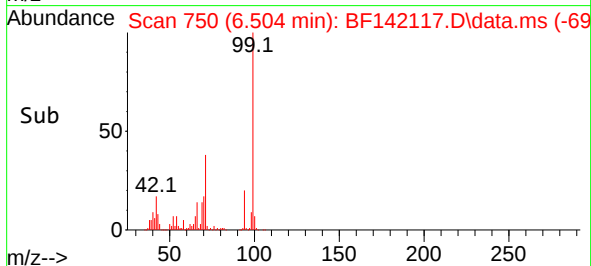
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Tgt Ion: 99 Resp: 1323739
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 38.4 30.8 46.2

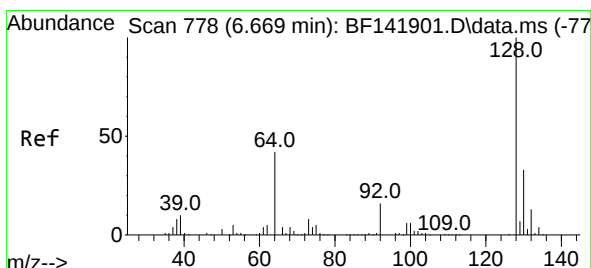
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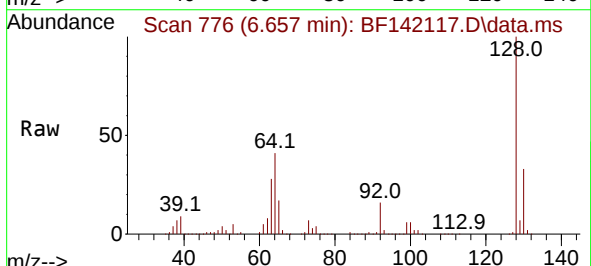


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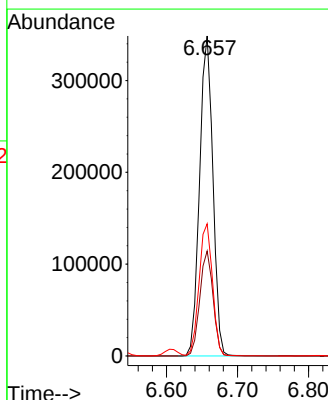
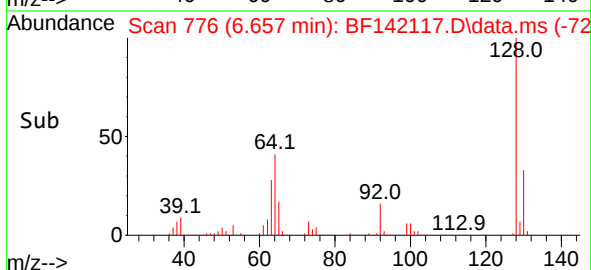
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#8
2-Chlorophenol
Concen: 53.422 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142117.D
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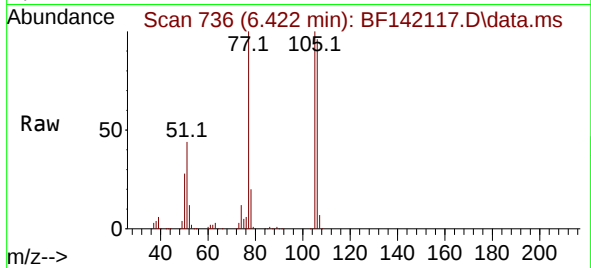
Tgt Ion:128 Resp: 455191
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 41.3 24.4 64.4





#9
Benzaldehyde
Concen: 51.691 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

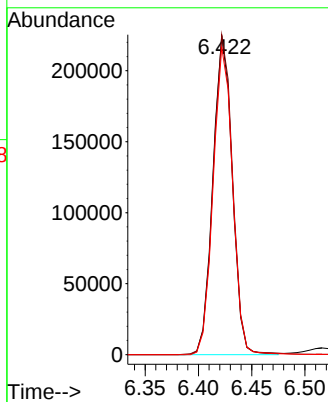
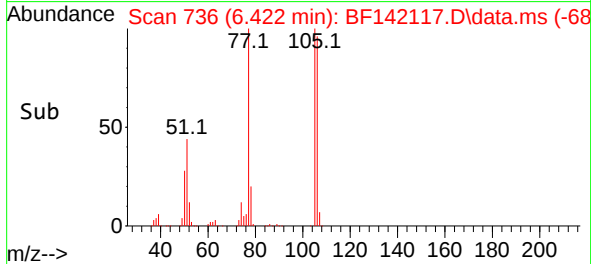
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion: 77 Resp: 28278
Ion Ratio Lower Upper
77 100
105 100.3 80.0 120.0
106 96.4 74.5 114.5

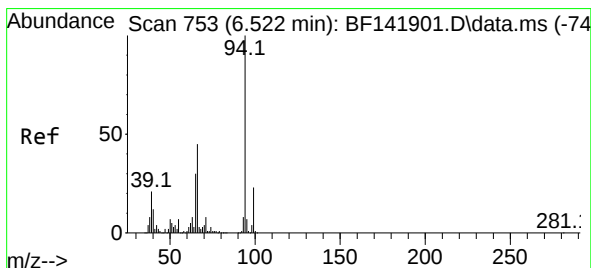
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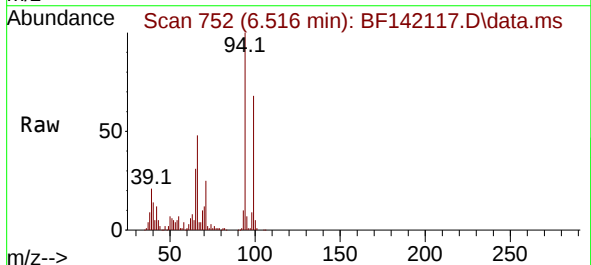


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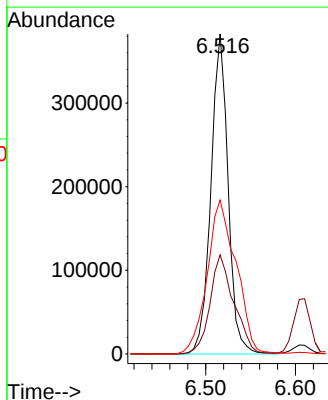
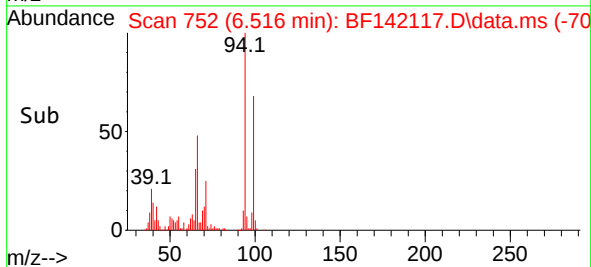
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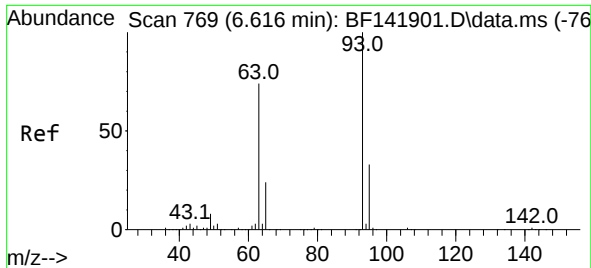


#10
Phenol
Concen: 49.479 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142117.D
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Tgt Ion: 94 Resp: 509173
Ion Ratio Lower Upper
94 100
65 30.9 10.5 50.5
66 48.1 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 49.187 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

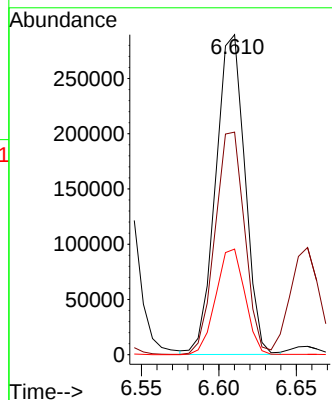
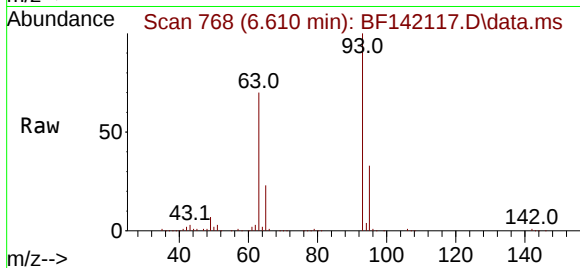
ClientSampleId :

PB167321BS

Tgt Ion: 93 Resp: 38007
Ion Ratio Lower Upper
93 100
63 69.5 53.0 93.0
95 33.0 12.9 52.9

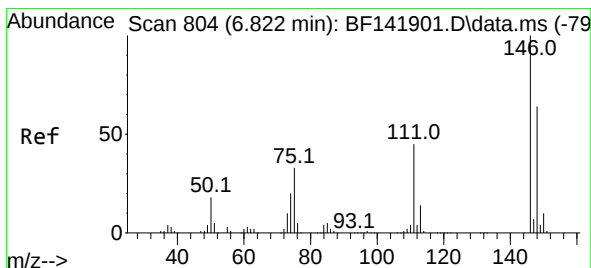
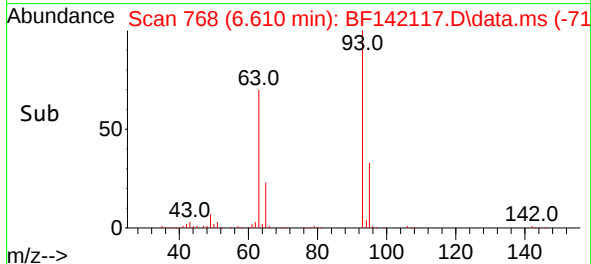
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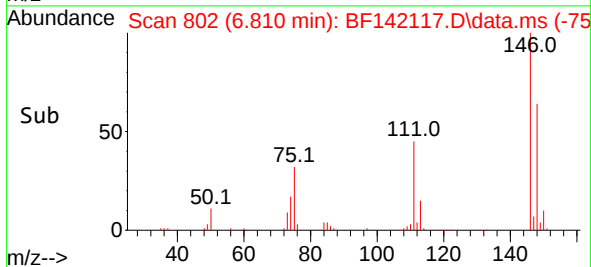
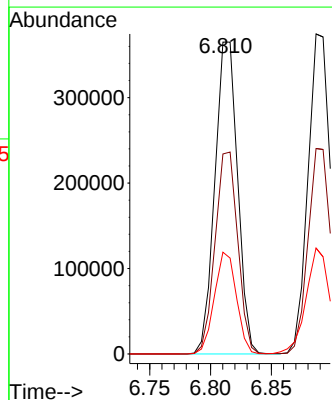
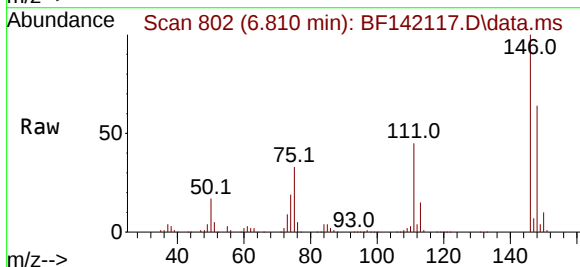
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#12
1,3-Dichlorobenzene
Concen: 51.726 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

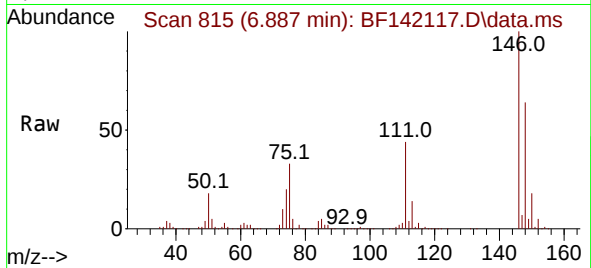
Tgt Ion:146 Resp: 475831
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 32.7 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 51.925 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

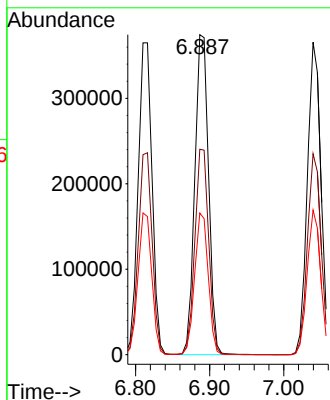
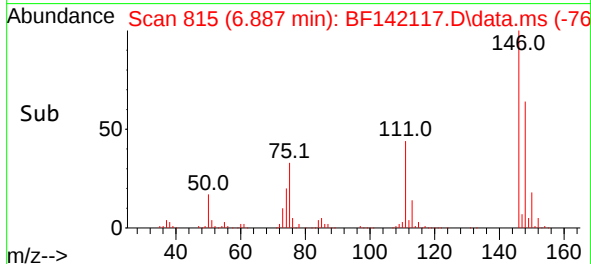
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:146 Resp: 483289
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 44.2 35.7 53.5

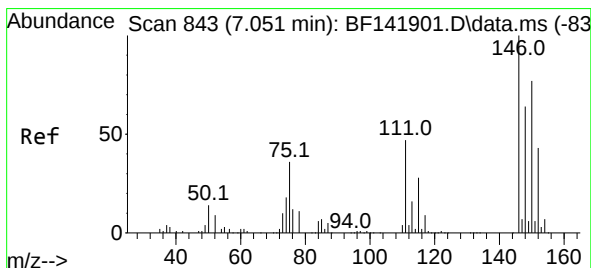
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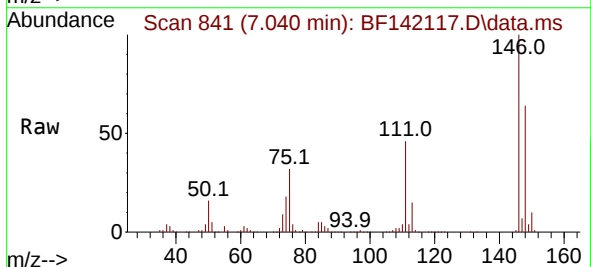


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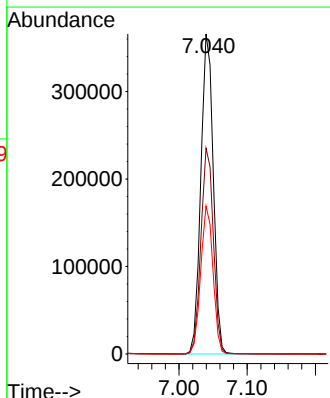
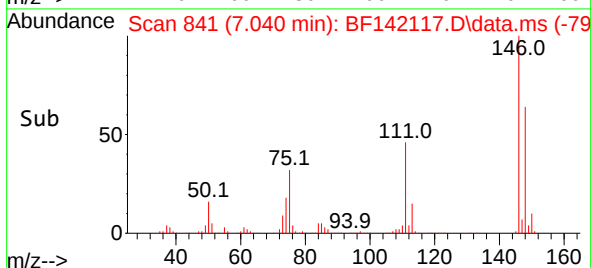
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#14
1,2-Dichlorobenzene
Concen: 53.030 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:146 Resp: 464896
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 46.3 38.0 57.0





#15
Benzyl Alcohol
Concen: 48.486 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

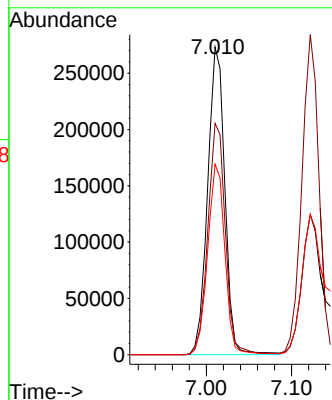
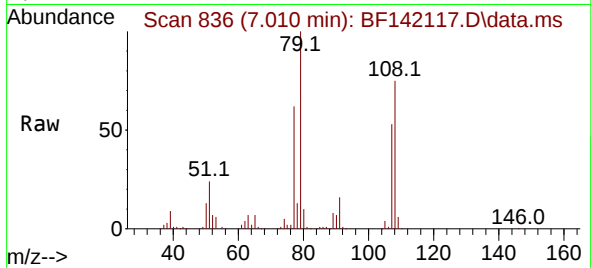
ClientSampleId :

PB167321BS

Tgt Ion: 79 Resp: 38343
Ion Ratio Lower Upper
79 100
108 75.3 59.7 89.5
77 62.0 51.0 76.6

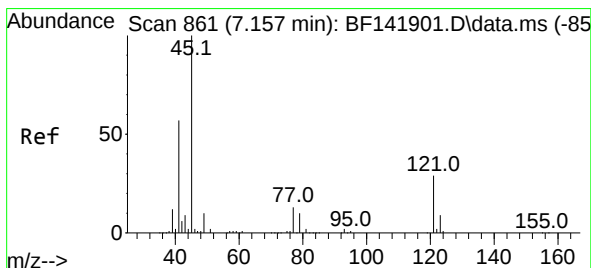
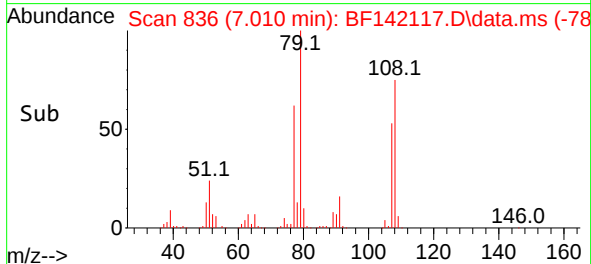
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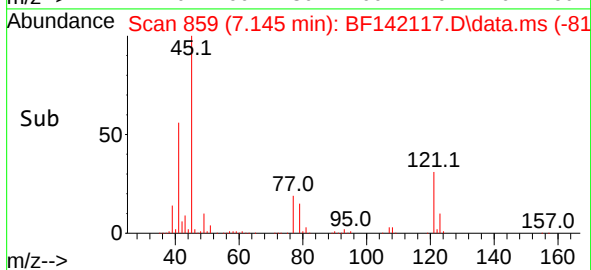
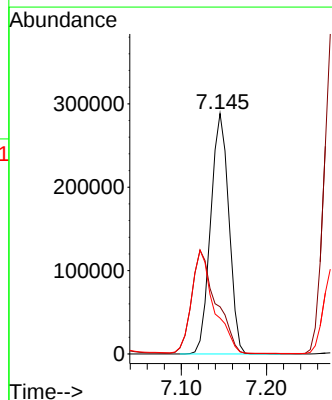
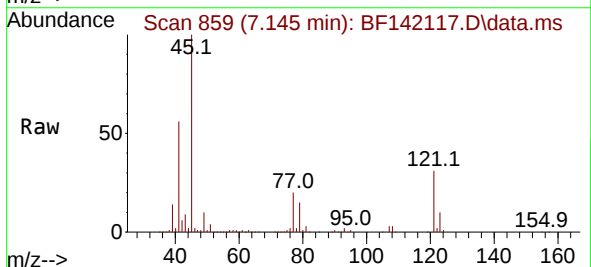
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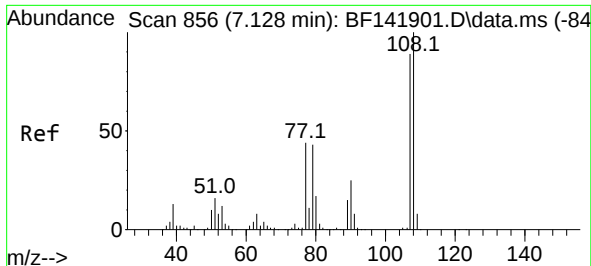
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.796 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion: 45 Resp: 427224
Ion Ratio Lower Upper
45 100
77 19.6 0.0 37.8
79 14.9 0.0 34.2





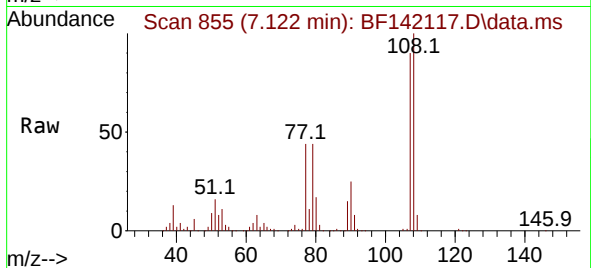
#17
2-Methylphenol
Concen: 52.254 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

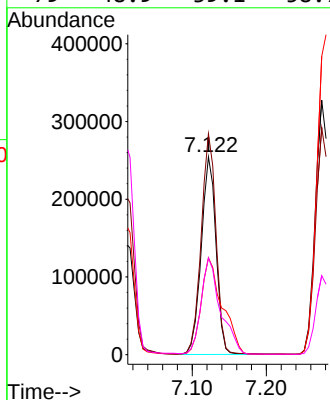
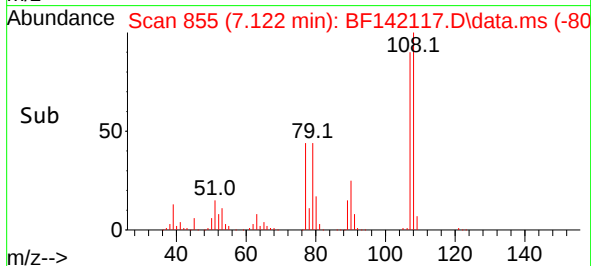
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Tgt Ion:107 Resp: 35401
Ion Ratio Lower Upper
107 100
108 111.7 90.2 135.2
77 48.9 39.6 59.4
79 48.9 39.1 58.7

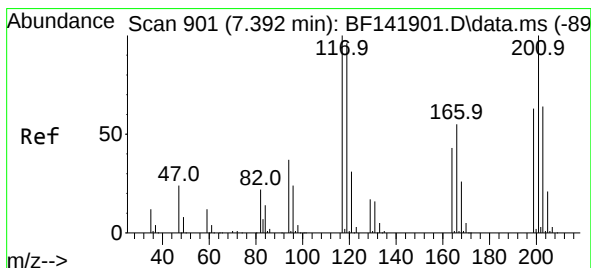
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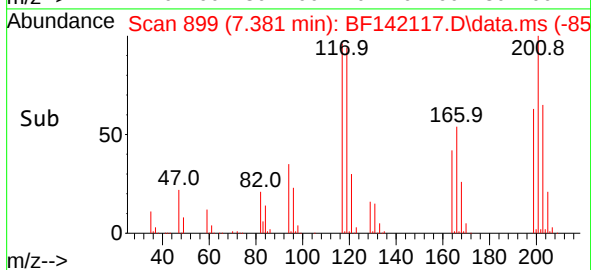
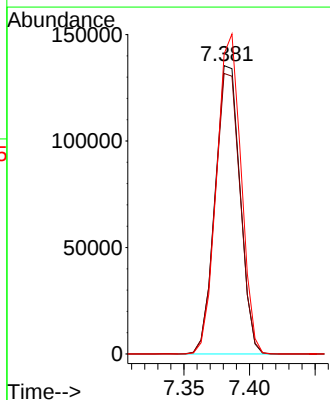
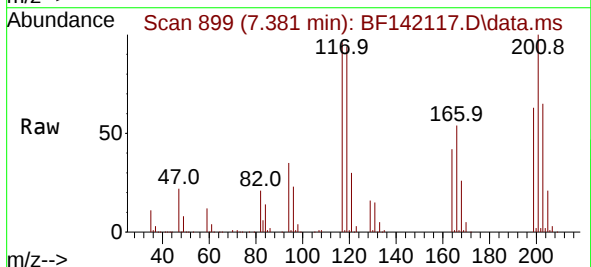
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#18
Hexachloroethane
Concen: 51.205 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

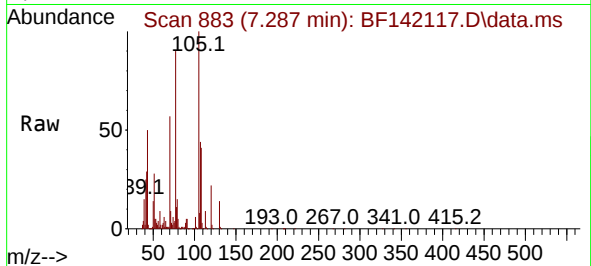
Tgt Ion:117 Resp: 178715
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3
201 104.0 79.9 119.9





#19
n-Nitroso-di-n-propylamine
Concen: 46.595 ng
RT: 7.287 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

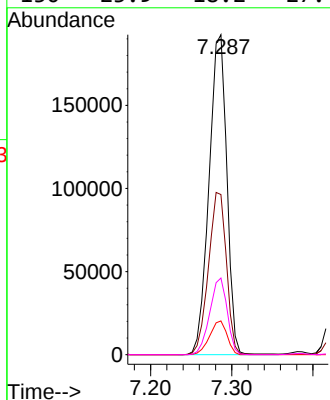
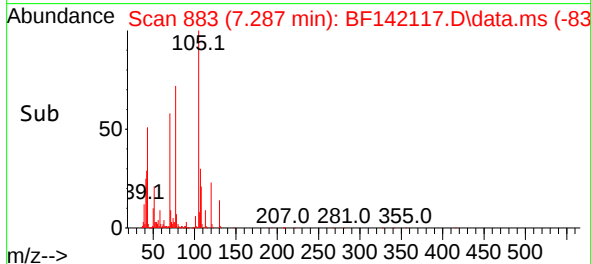
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion: 70 Resp: 292864
Ion Ratio Lower Upper
70 100
42 50.0 41.4 62.0
101 10.5 8.2 12.2
130 23.9 18.2 27.4

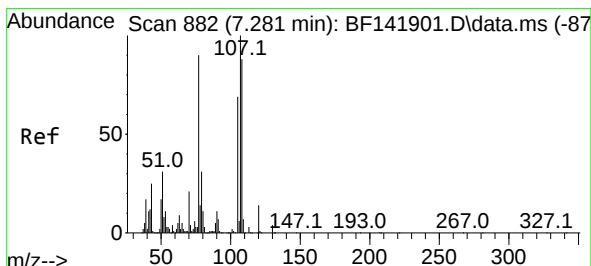
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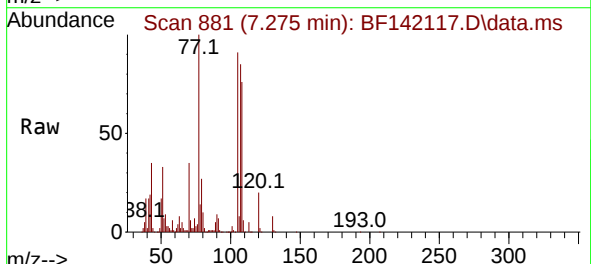


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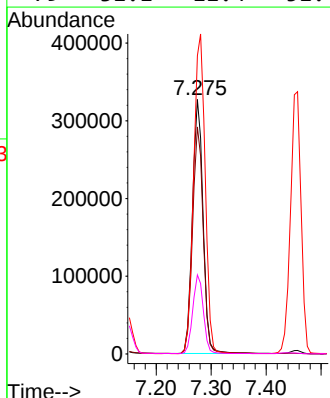
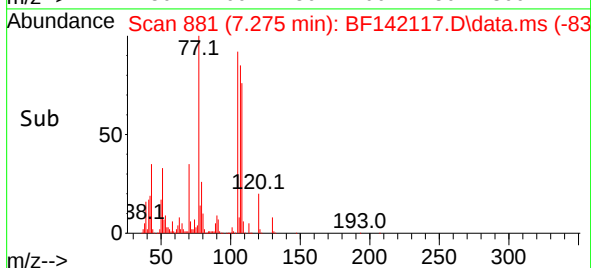
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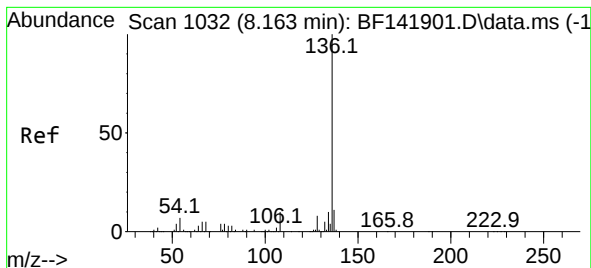


#20
3+4-Methylphenols
Concen: 50.588 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:107 Resp: 438991
Ion Ratio Lower Upper
107 100
108 89.2 68.4 108.4
77 117.3 69.7 109.7#
79 31.1 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

Tgt Ion:136 Resp: 50713

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.7 5.8 8.8

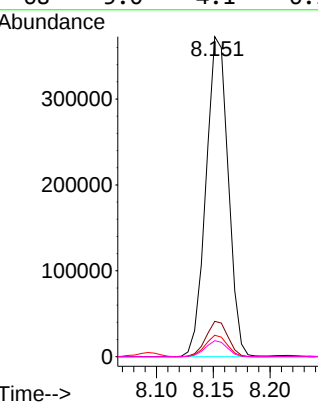
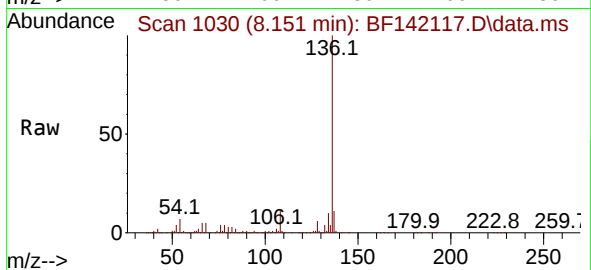
68 5.0 4.1 6.1

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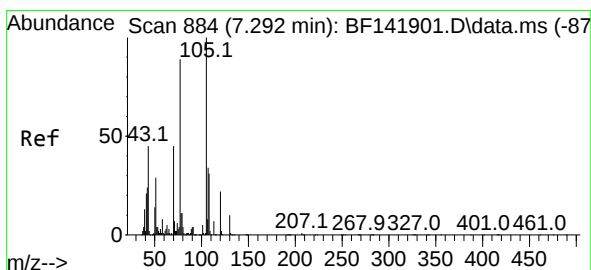
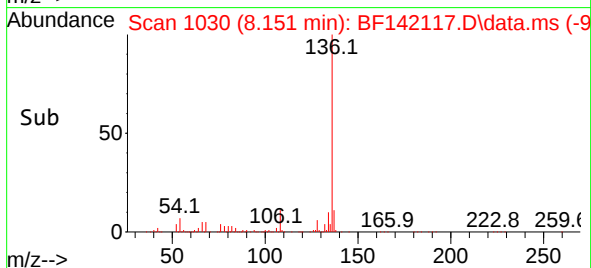


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#22

Acetophenone

Concen: 48.770 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Tgt Ion:105 Resp: 592291

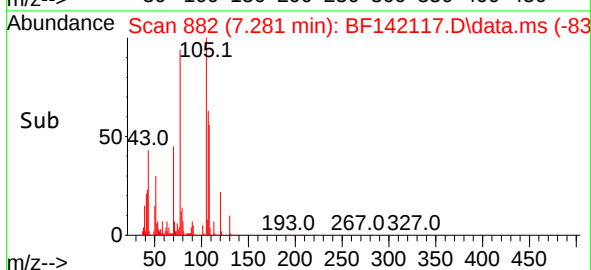
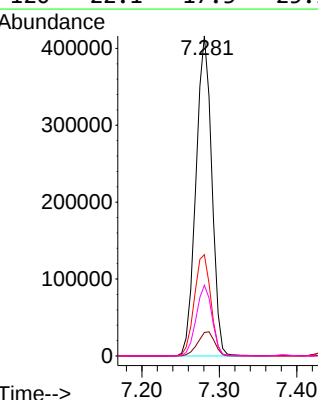
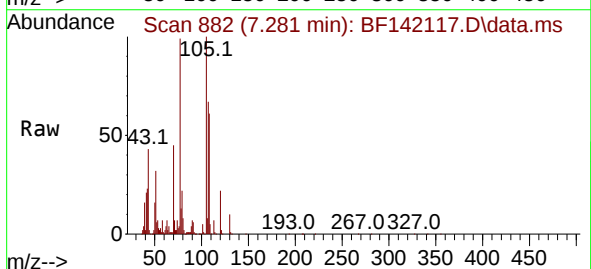
Ion Ratio Lower Upper

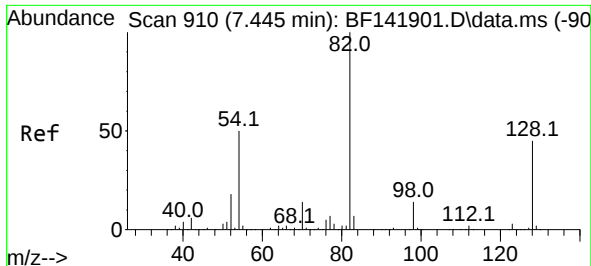
105 100

71 7.4 5.8 8.8

51 31.6 23.4 35.0

120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 97.825 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

Tgt Ion: 82 Resp: 88155

Ion Ratio Lower Upper

82 100

128 45.3 36.0 54.0

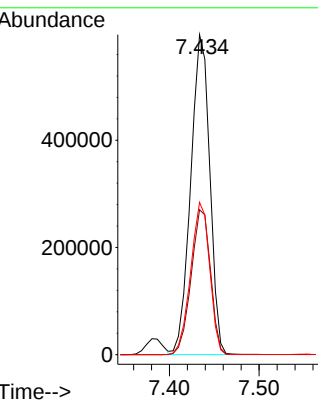
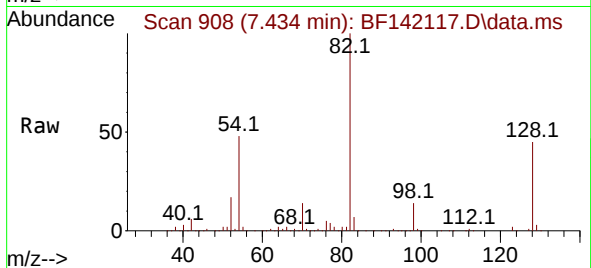
54 47.6 39.6 59.4

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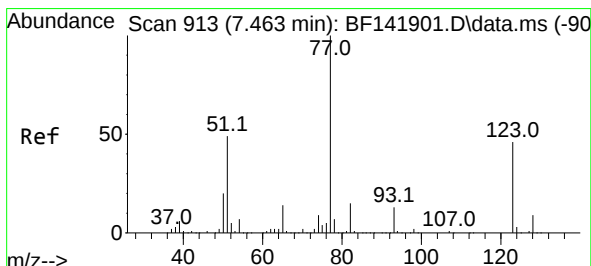
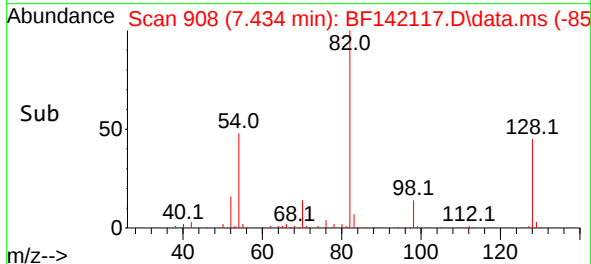


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#24

Nitrobenzene

Concen: 50.358 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

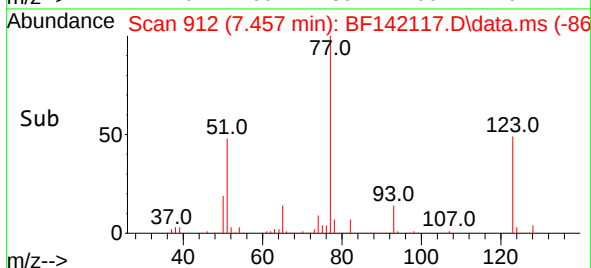
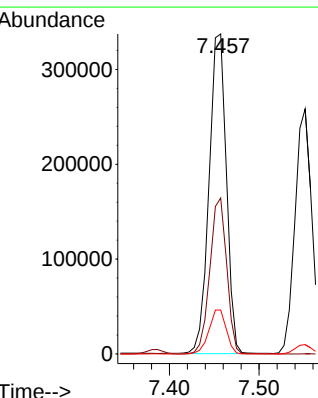
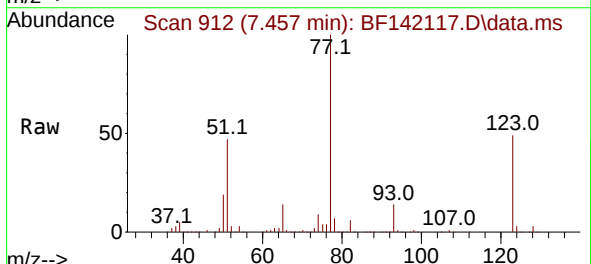
Tgt Ion: 77 Resp: 451130

Ion Ratio Lower Upper

77 100

123 48.8 37.0 55.4

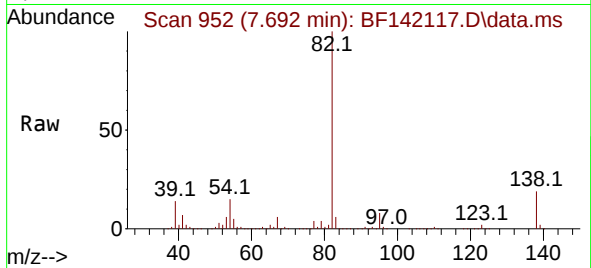
65 13.8 11.3 16.9





#25
Isophorone
Concen: 51.976 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

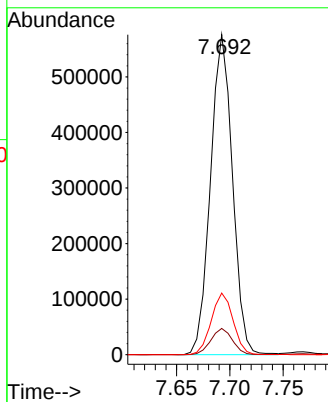
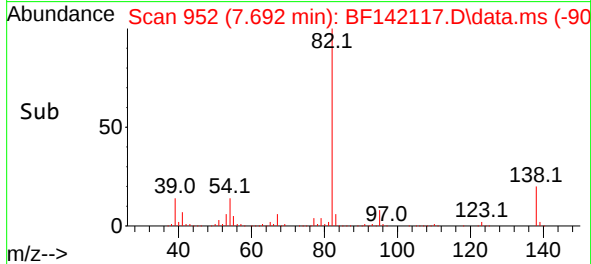
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion: 82 Resp: 827949
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.3 14.9 22.3

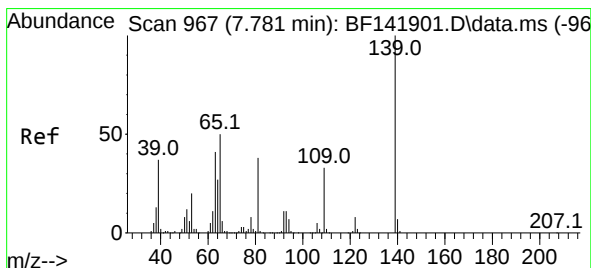
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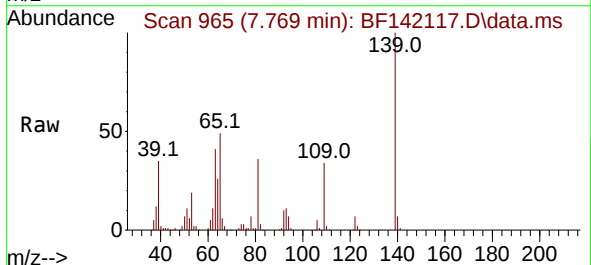


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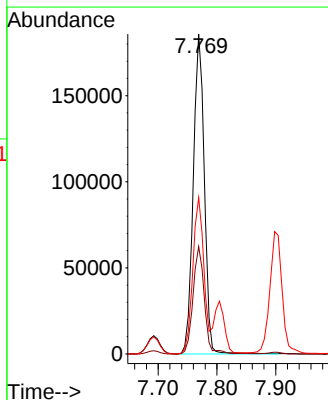
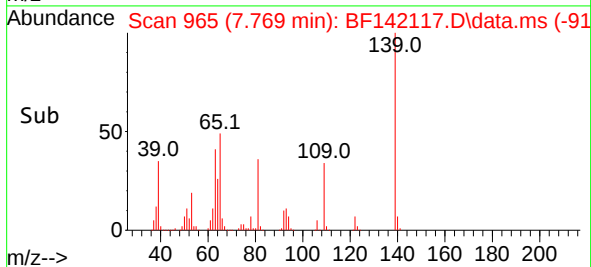
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#26
2-Nitrophenol
Concen: 55.280 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:139 Resp: 243058
Ion Ratio Lower Upper
139 100
109 33.6 26.5 39.7
65 48.9 40.3 60.5





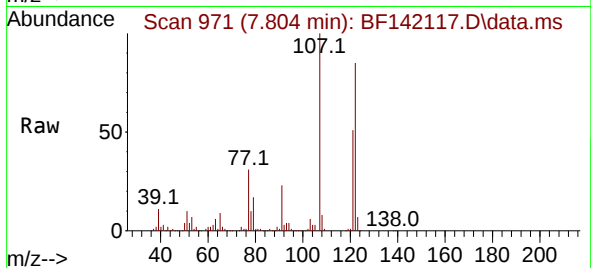
#27
2,4-Dimethylphenol
Concen: 68.646 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

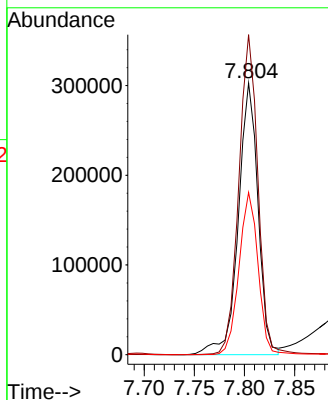
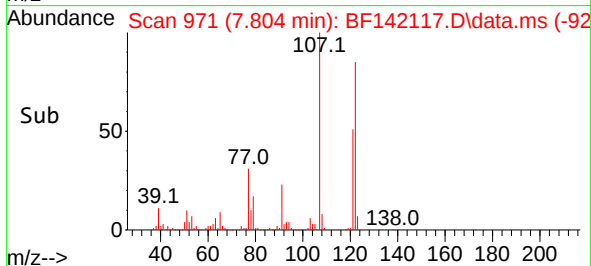
PB167321BS



Tgt Ion:122 Resp: 41560
Ion Ratio Lower Upper
122 100
107 117.8 94.8 142.2
121 59.7 47.8 71.6

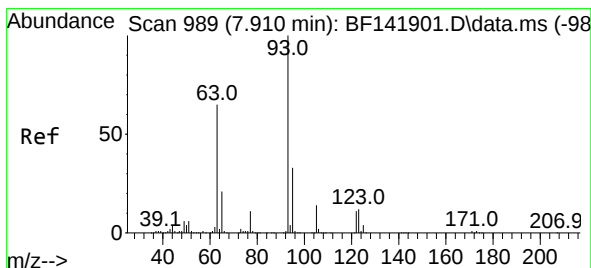
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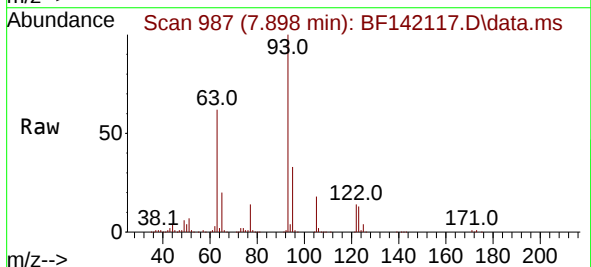


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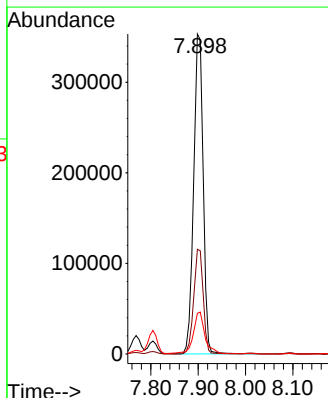
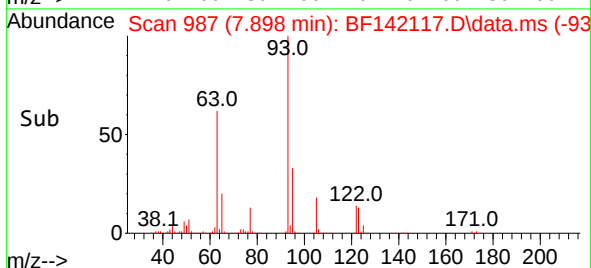
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#28
bis(2-Chloroethoxy)methane
Concen: 49.298 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion: 93 Resp: 492540
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 51.980 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

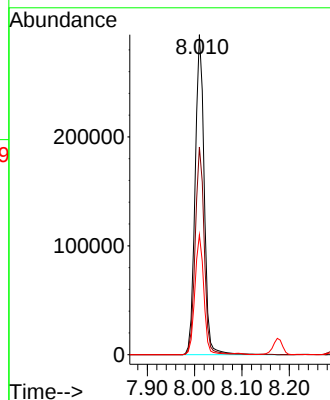
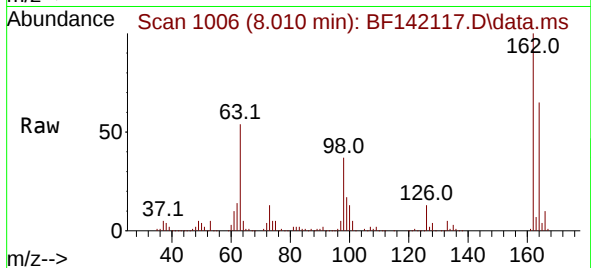
ClientSampleId :

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Tgt Ion:162 Resp: 390617
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.8 83.8
 98 37.4 18.1 58.1

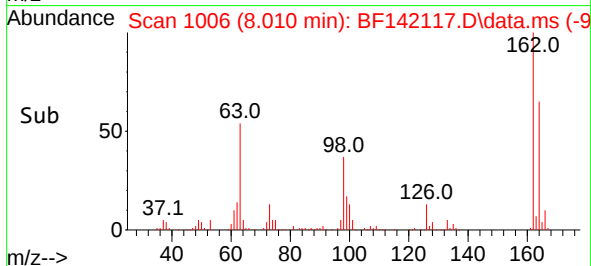
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 Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 52.516 ng

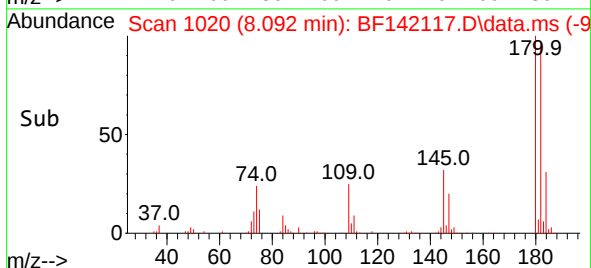
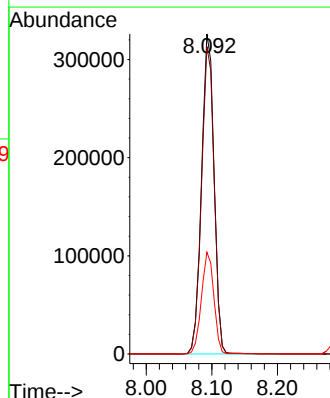
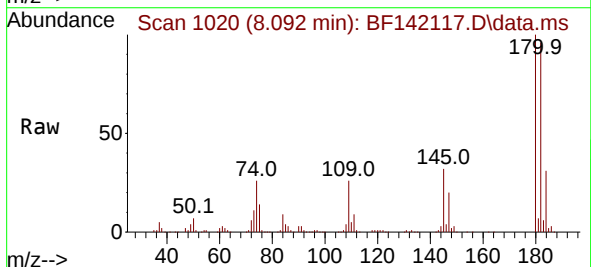
RT: 8.092 min Scan# 1020

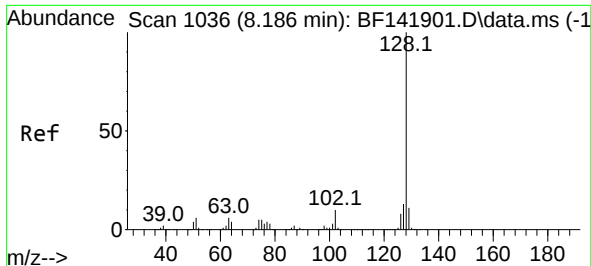
Delta R.T. -0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Tgt Ion:180 Resp: 434913
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.5 116.3
 145 31.8 25.8 38.6





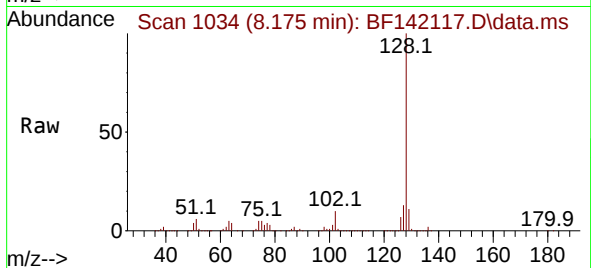
#31
Naphthalene
Concen: 49.889 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

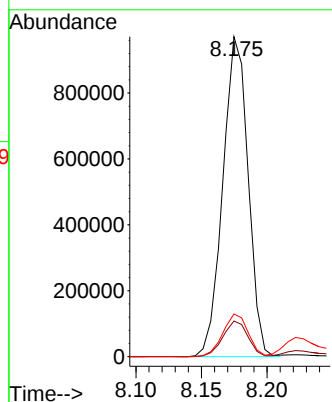
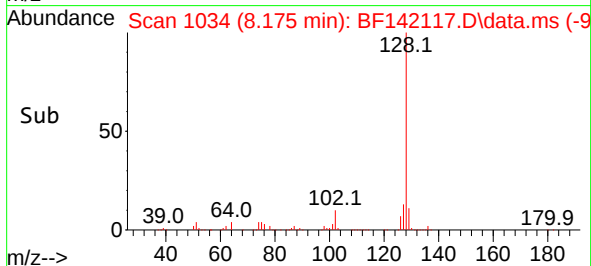
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Tgt Ion:128 Resp: 129964
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2

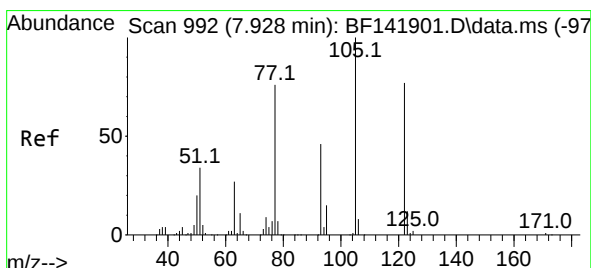
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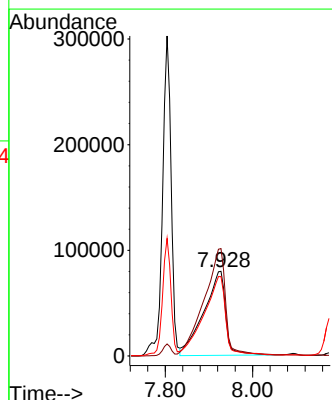
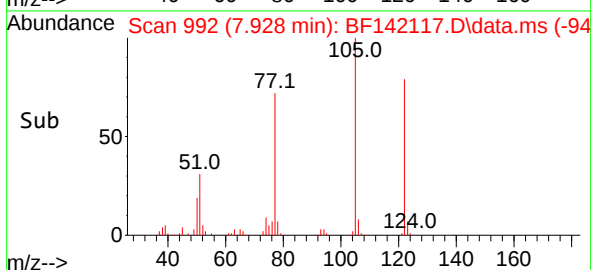
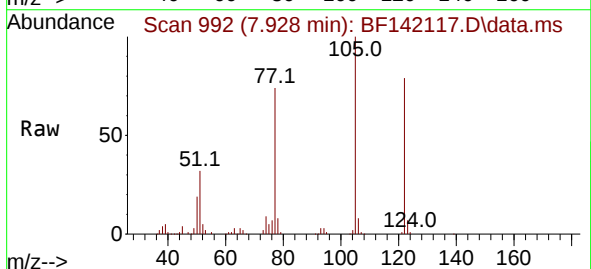
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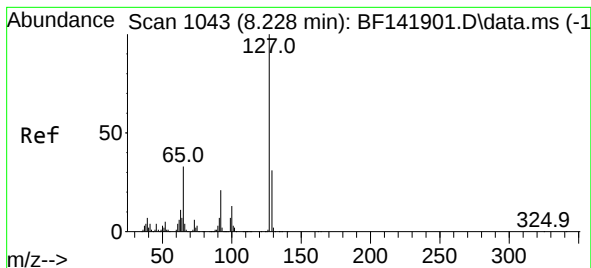
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#32
Benzoic acid
Concen: 52.296 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:122 Resp: 278315
Ion Ratio Lower Upper
122 100
105 126.9 107.9 147.9
77 93.8 79.0 119.0





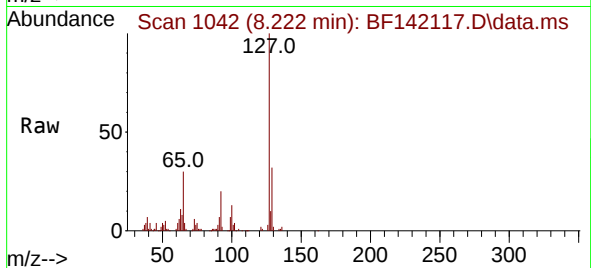
#33
4-Chloroaniline
Concen: 13.444 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

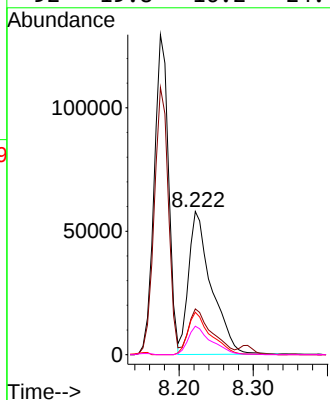
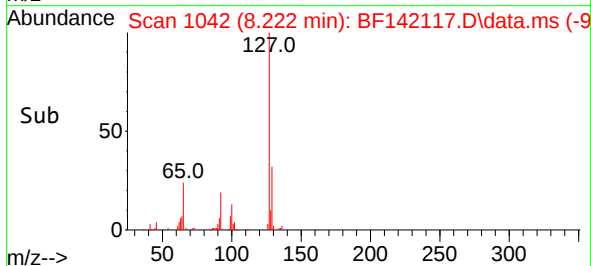
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Tgt Ion:127 Resp: 123638
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.4
65 29.6 25.4 38.2
92 19.8 16.2 24.4

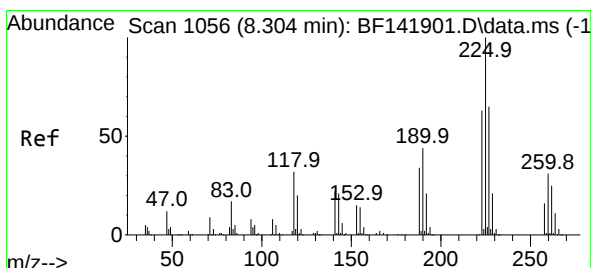
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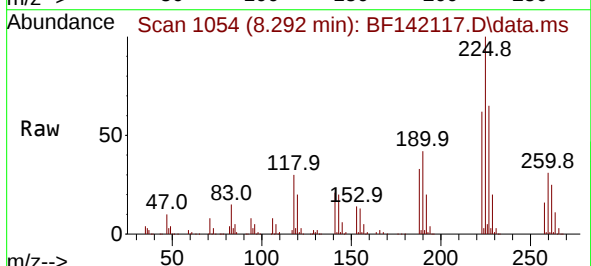


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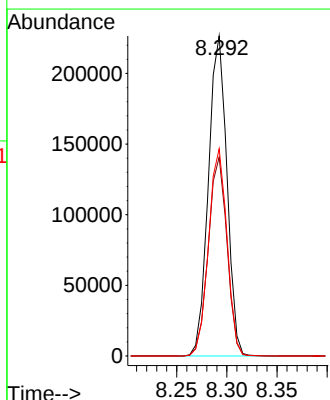
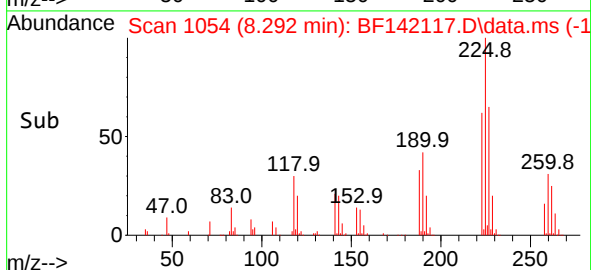
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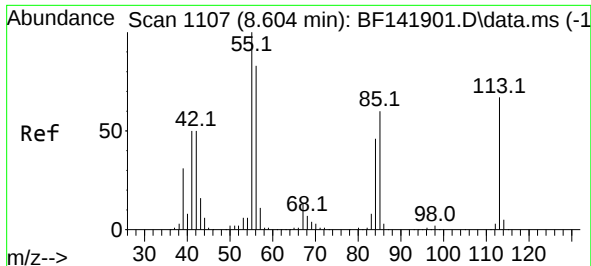


#34
Hexachlorobutadiene
Concen: 53.831 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:225 Resp: 290731
Ion Ratio Lower Upper
225 100
223 62.1 50.6 75.8
227 64.7 52.2 78.2





#35
Caprolactam
Concen: 54.329 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

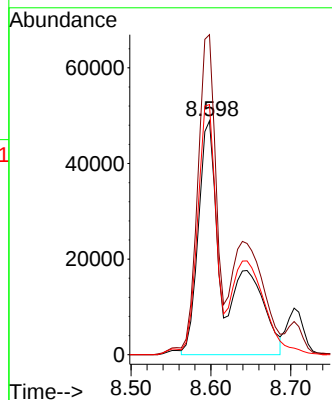
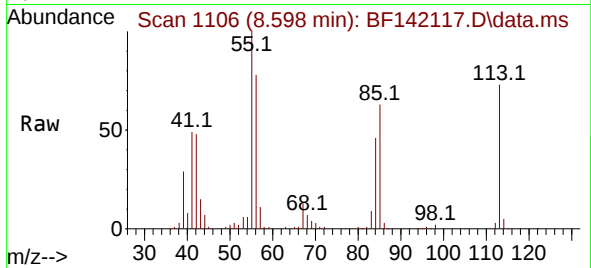
ClientSampleId :

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Tgt Ion:113 Resp: 12447
Ion Ratio Lower Upper
113 100
55 136.9 129.6 169.6
56 107.0 104.0 144.0

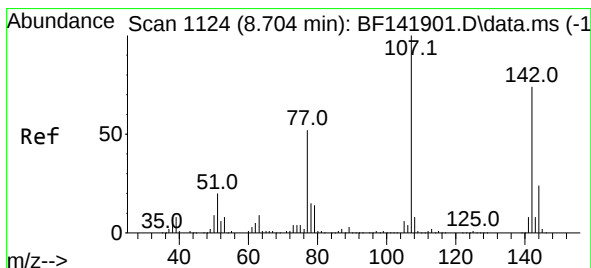
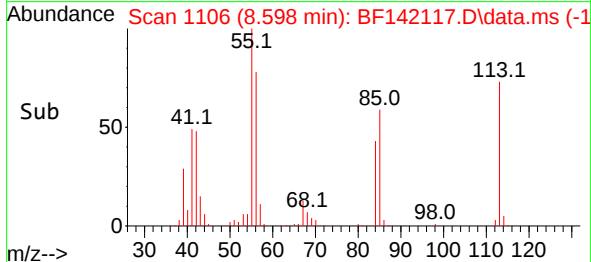
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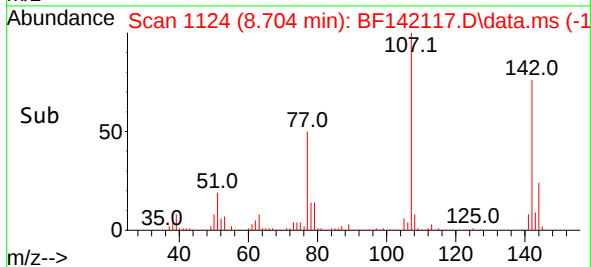
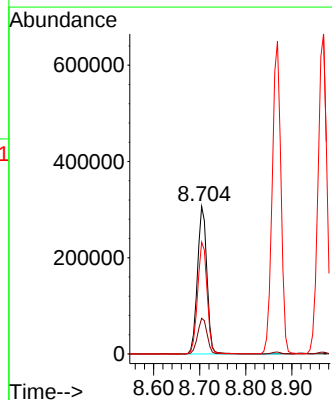
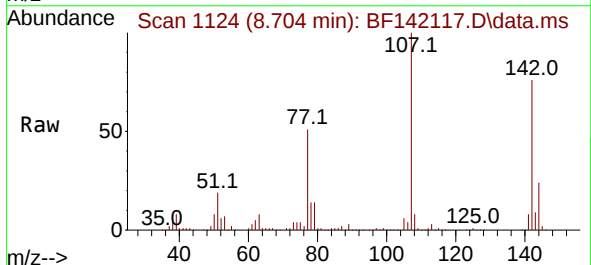
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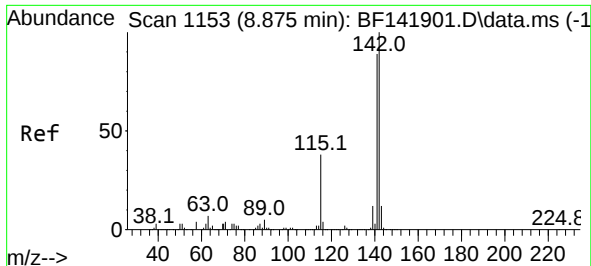
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#36
4-Chloro-3-methylphenol
Concen: 52.181 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:107 Resp: 437420
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.6
142 75.8 59.2 88.8





#37
2-Methylnaphthalene
Concen: 48.598 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

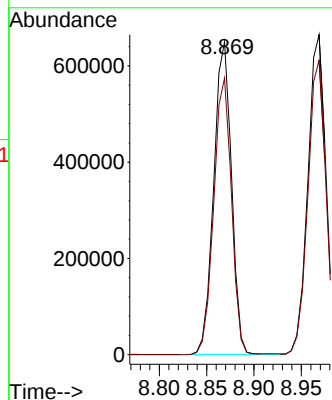
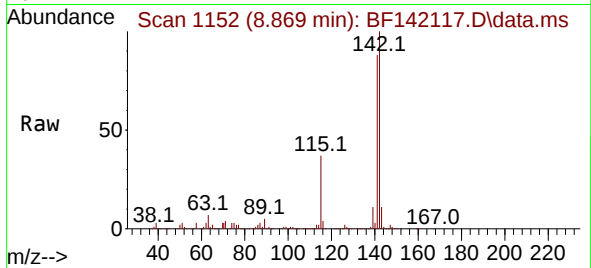
ClientSampleId :

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Tgt Ion:142 Resp: 846210
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8

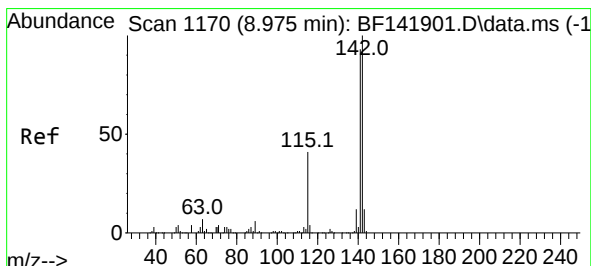
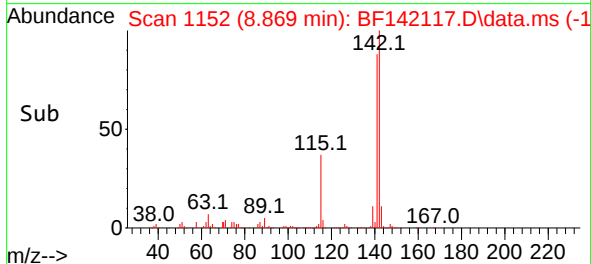
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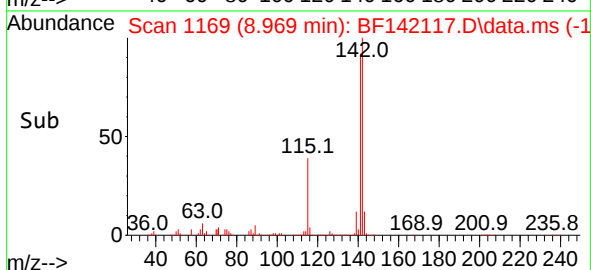
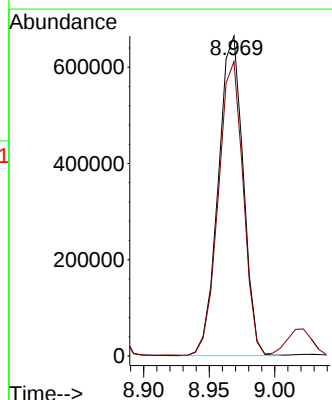
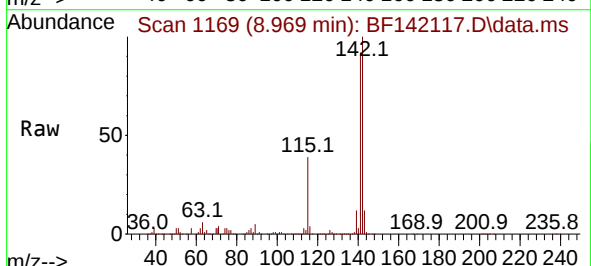
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#38
1-Methylnaphthalene
Concen: 52.119 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:142 Resp: 875749
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4





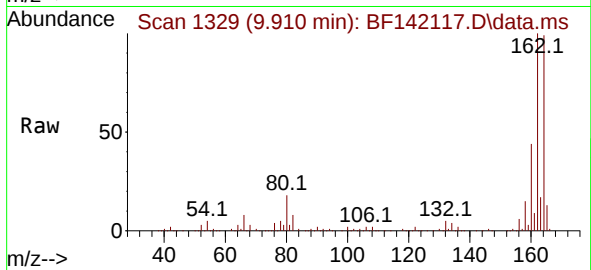
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

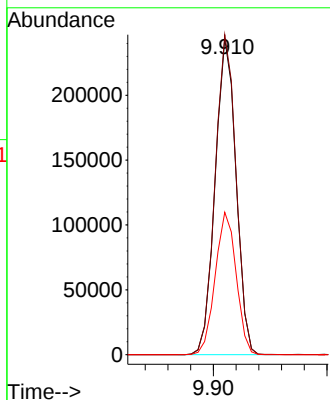
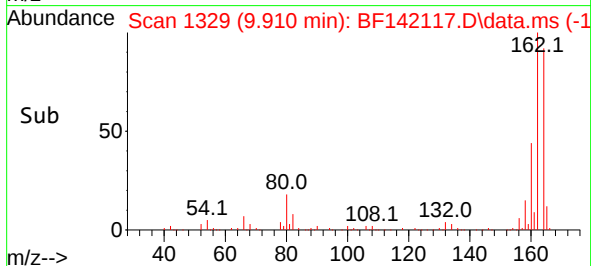
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Tgt Ion:164 Resp: 310958
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 45.1 36.7 55.1

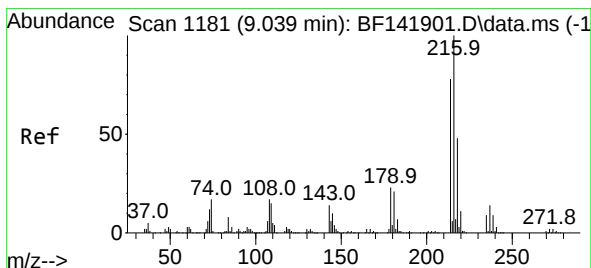
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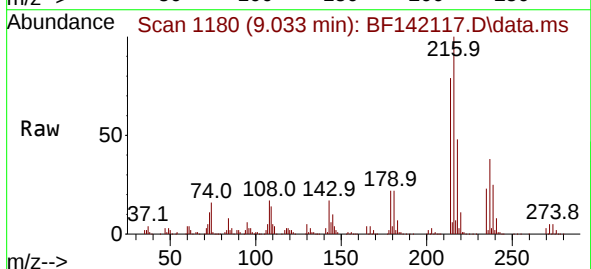


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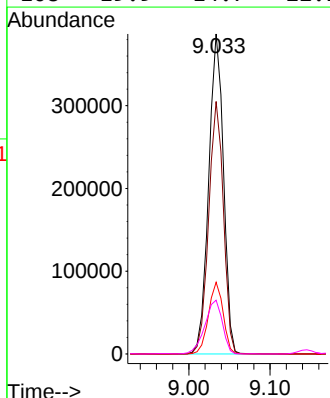
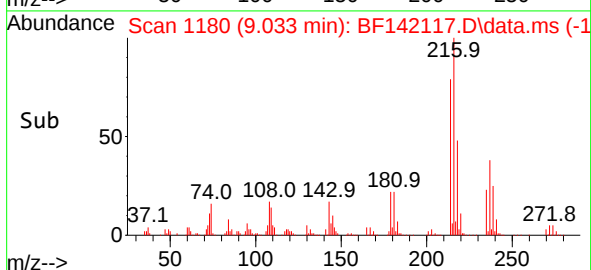
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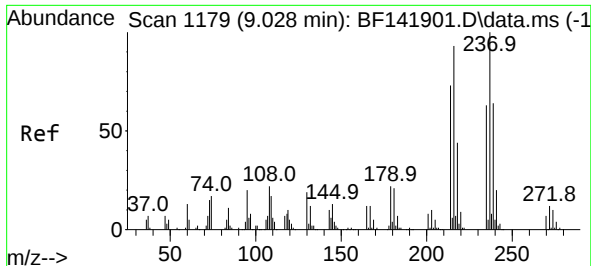


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.591 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:216 Resp: 488435
Ion Ratio Lower Upper
216 100
214 78.5 61.9 92.9
179 22.1 18.1 27.1
108 19.9 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 184.307 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

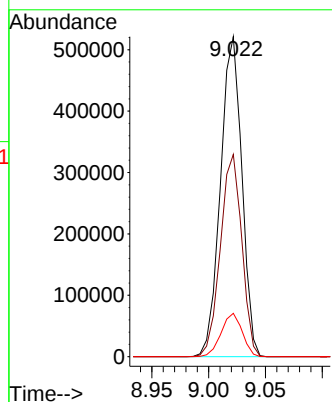
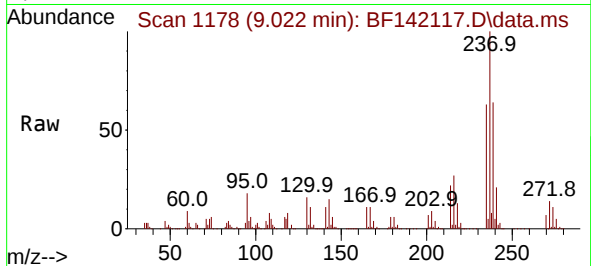
ClientSampleId :

PB167321BS

Tgt Ion:237 Resp: 68288
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 13.5 0.0 32.0

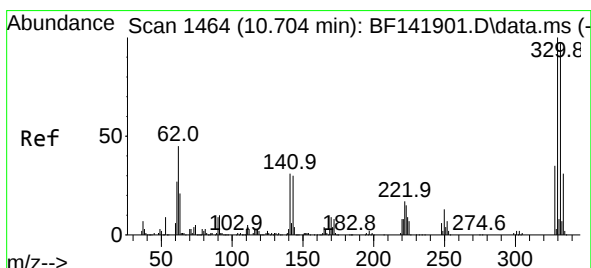
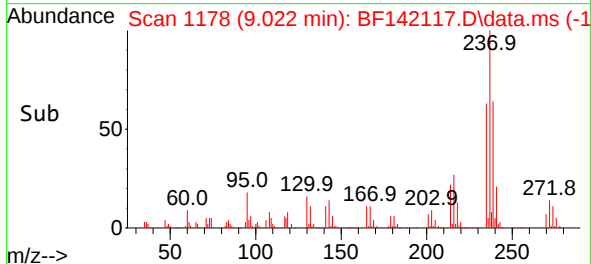
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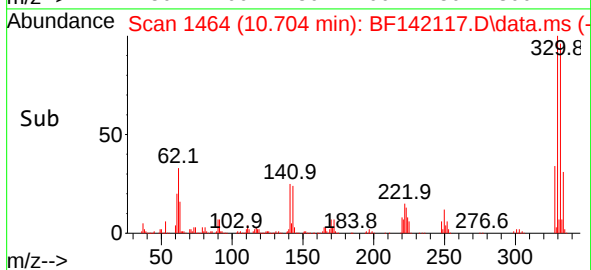
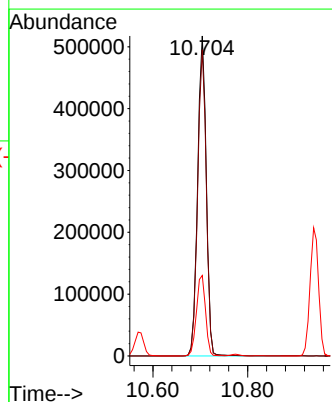
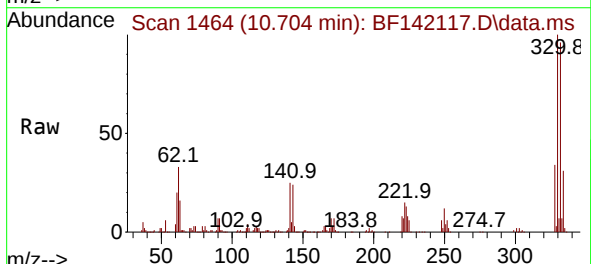
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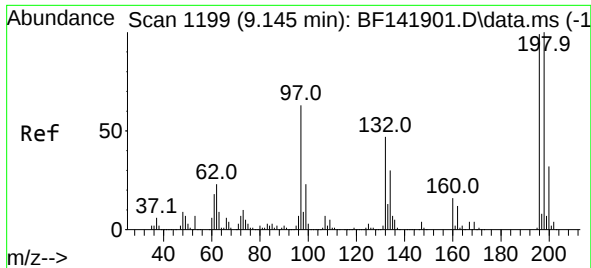
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#42
2,4,6-Tribromophenol
Concen: 166.381 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:330 Resp: 656357
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 26.5 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 50.928 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

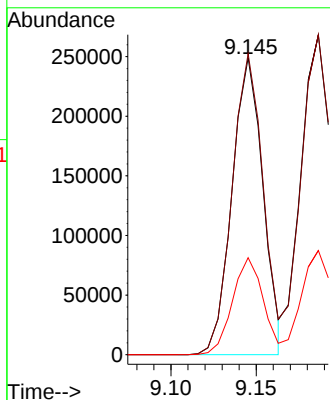
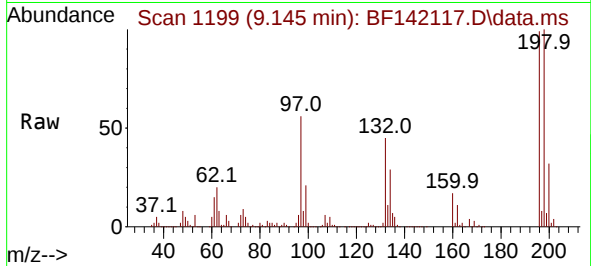
ClientSampleId :

PB167321BS

Tgt Ion:196 Resp: 315109
Ion Ratio Lower Upper
196 100
198 101.5 80.6 121.0
200 32.7 25.8 38.6

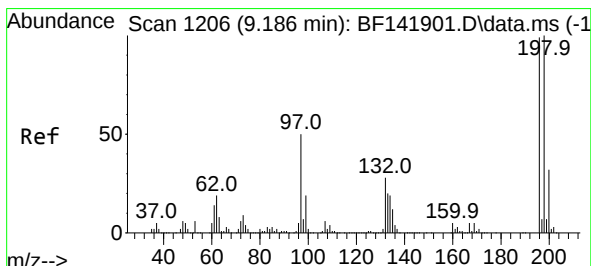
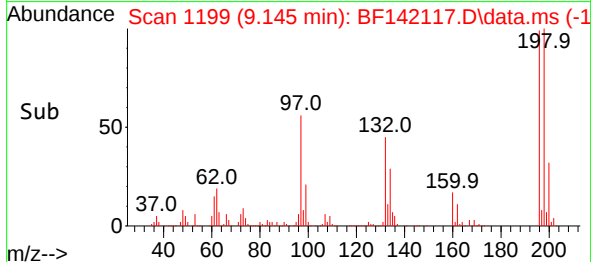
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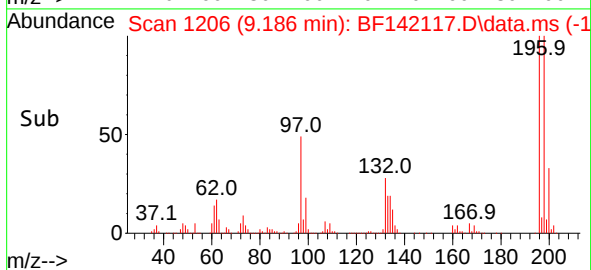
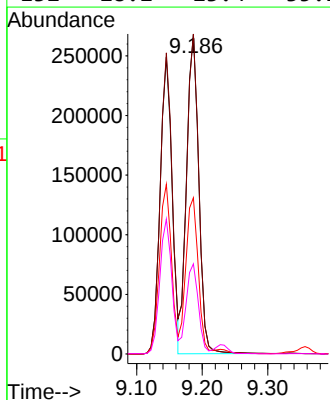
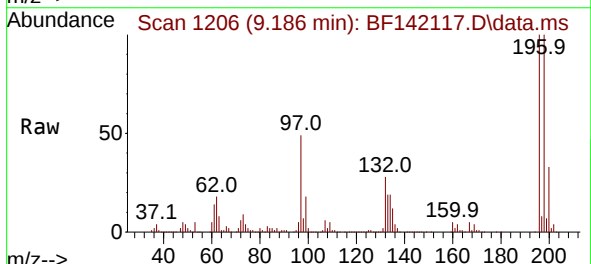
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Upadhyay

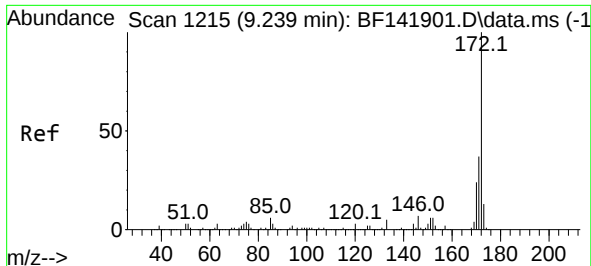
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#44
2,4,5-Trichlorophenol
Concen: 55.404 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

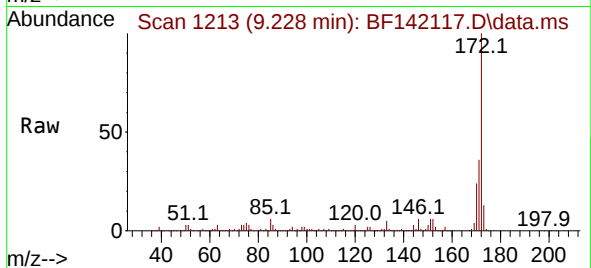
Tgt Ion:196 Resp: 347194
Ion Ratio Lower Upper
196 100
198 100.2 80.7 121.1
97 48.9 42.1 63.1
132 28.2 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 96.850 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

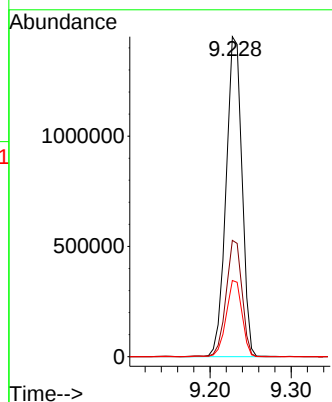
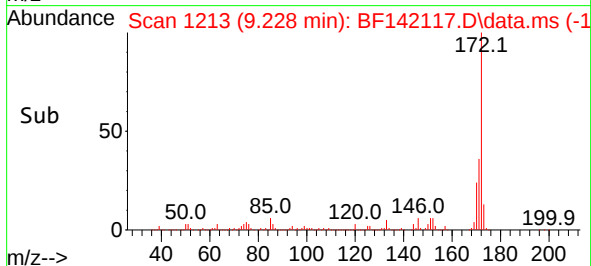
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:172 Resp: 198027
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 23.8 19.4 29.0

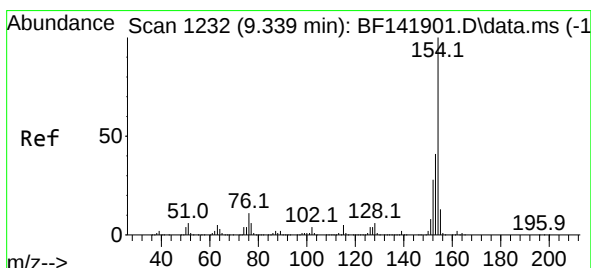
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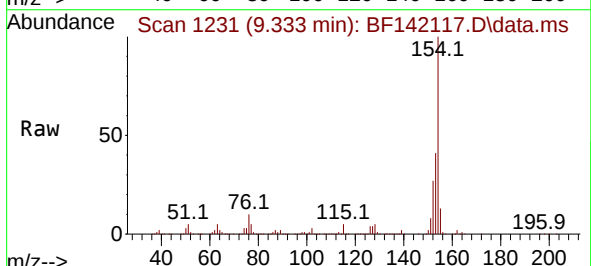


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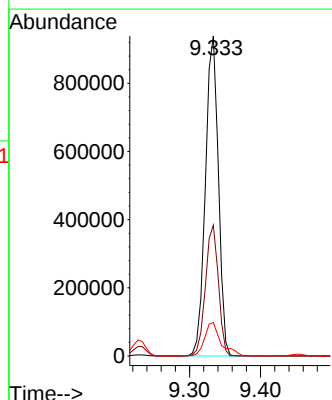
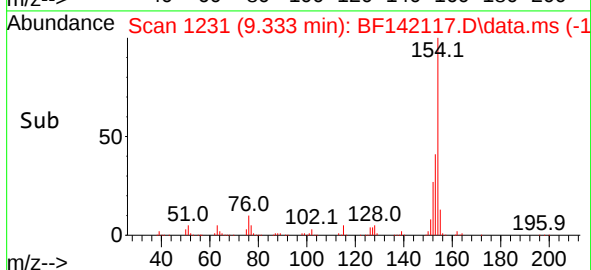
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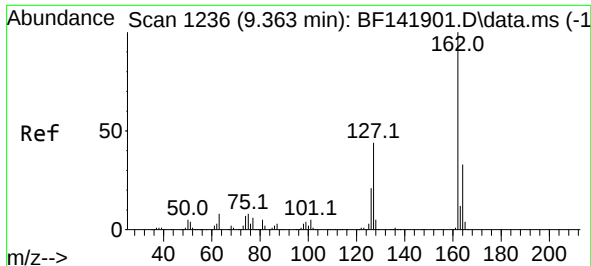


#46
1,1'-Biphenyl
Concen: 50.578 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:154 Resp: 1195005
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 10.5 0.0 31.3





#47
2-Chloronaphthalene
Concen: 51.278 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

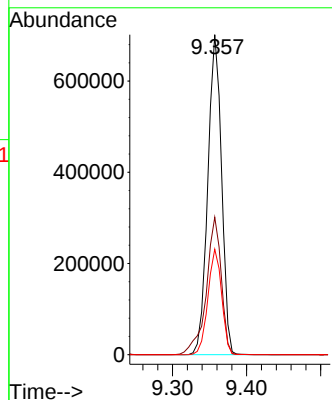
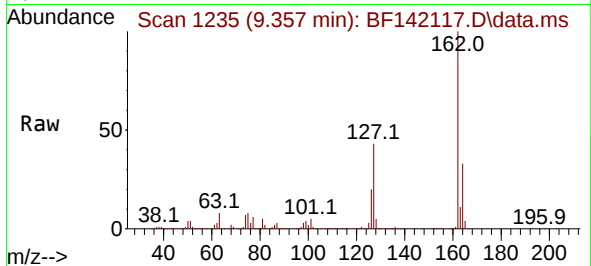
ClientSampleId :

PB167321BS

Tgt Ion:162 Resp: 90301
Ion Ratio Lower Upper
162 100
127 42.9 35.5 53.3
164 33.0 26.6 40.0

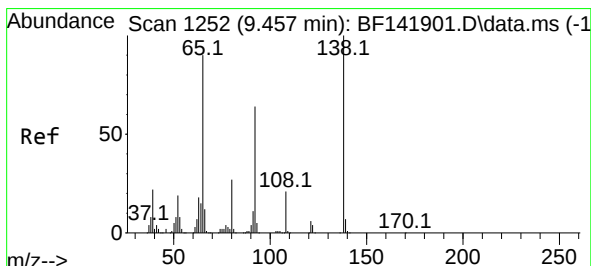
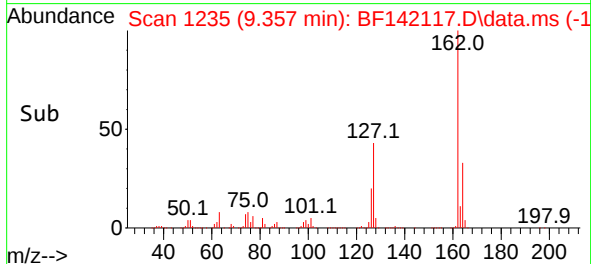
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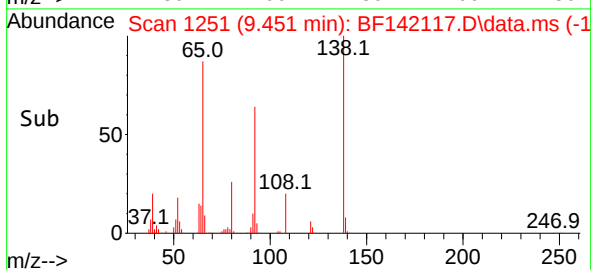
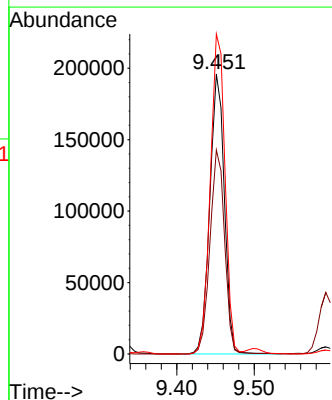
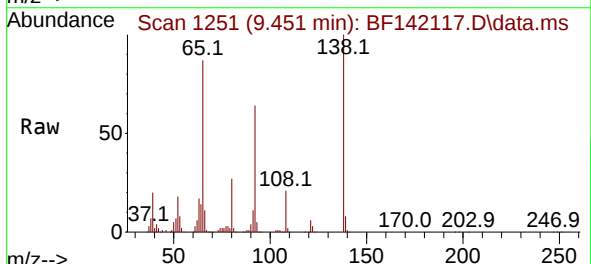
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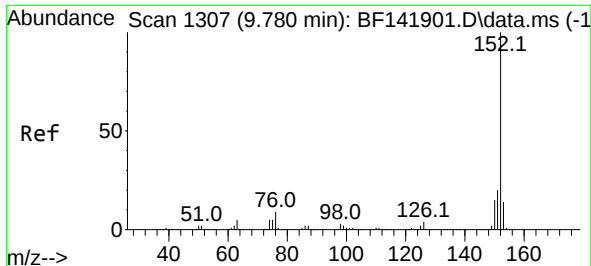
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#48
2-Nitroaniline
Concen: 50.325 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion: 65 Resp: 256605
Ion Ratio Lower Upper
65 100
92 72.9 56.6 84.8
138 114.3 88.6 133.0





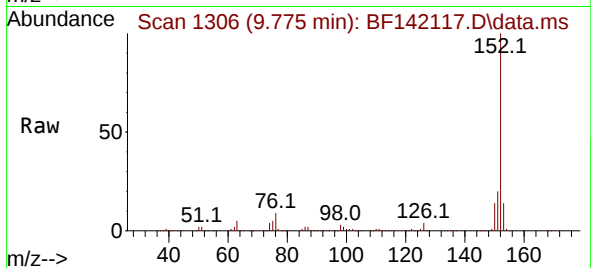
#49
Acenaphthylene
Concen: 54.861 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

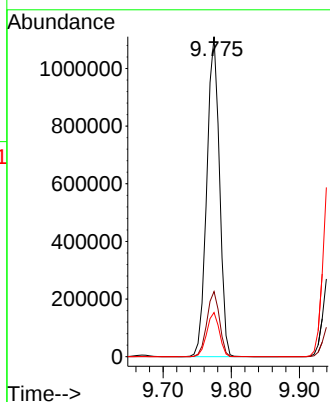
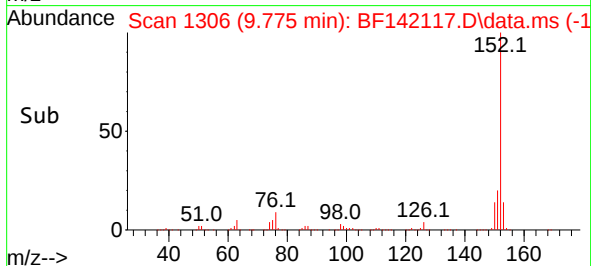
PB167321BS



Tgt Ion:152 Resp: 143369
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.8 11.1 16.7

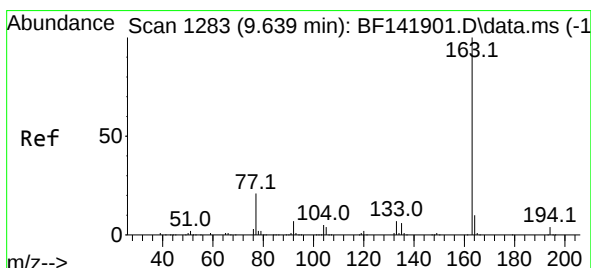
Manual Integrations
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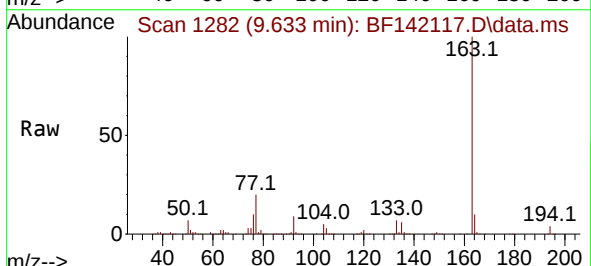


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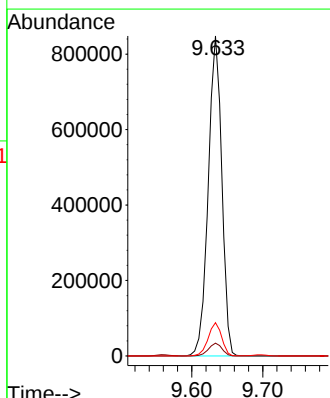
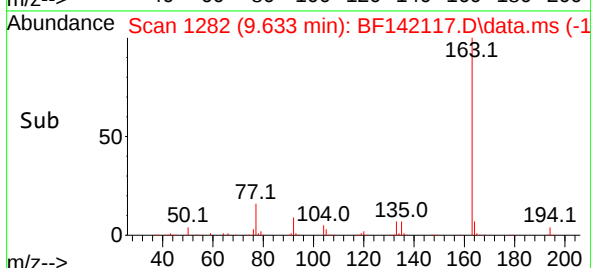
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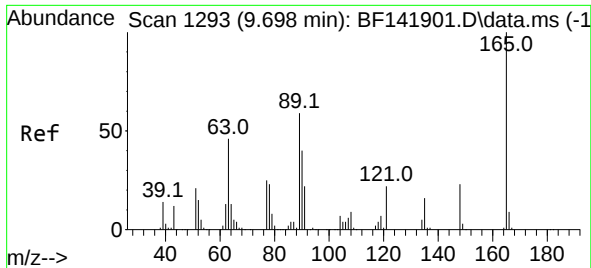


#50
Dimethylphthalate
Concen: 51.678 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:163 Resp: 1125321
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.4





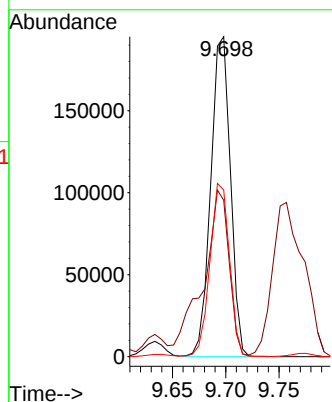
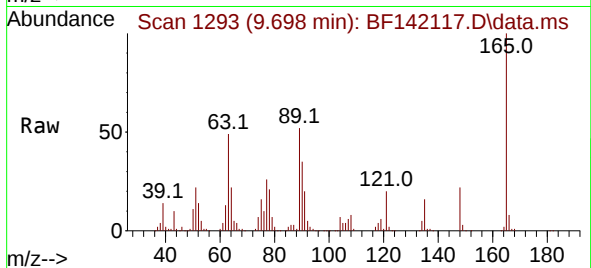
#51
2,6-Dinitrotoluene
Concen: 55.304 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :
BNA_F
ClientSampleId :
PB167321BS

Tgt Ion:165 Resp: 25074
Ion Ratio Lower Upper
165 100
63 48.8 47.0 70.4
89 52.0 47.4 71.2

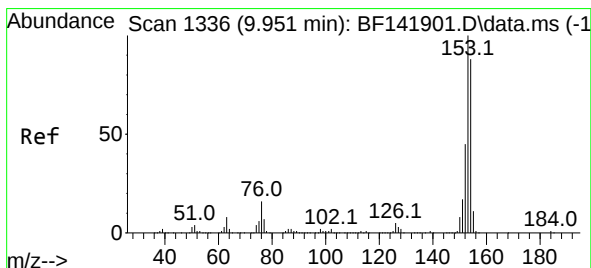
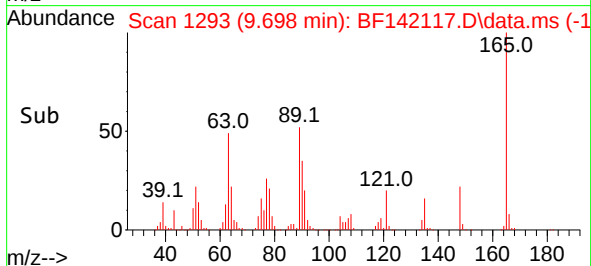
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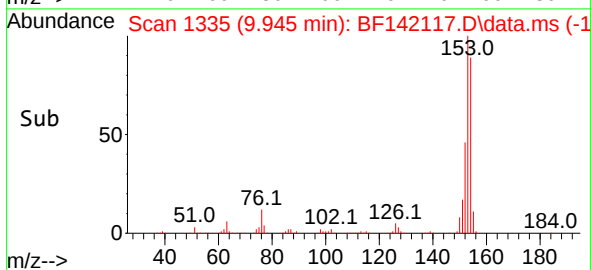
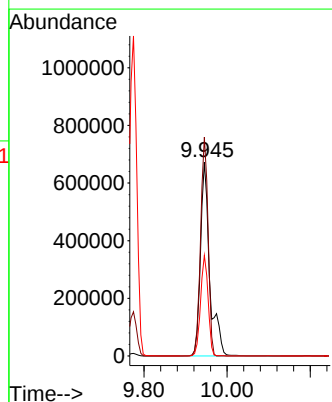
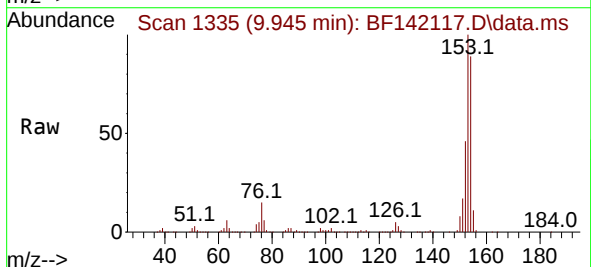
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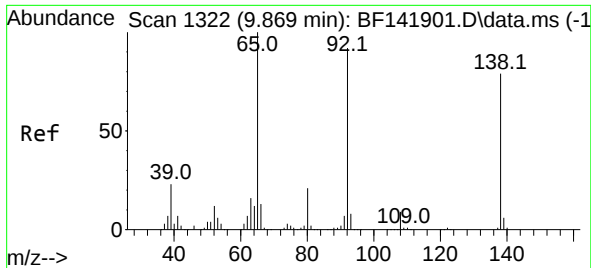
04/01/2025



#52
Acenaphthene
Concen: 56.956 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:154 Resp: 1046007
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 51.8 41.1 61.7





#53
3-Nitroaniline
Concen: 21.601 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

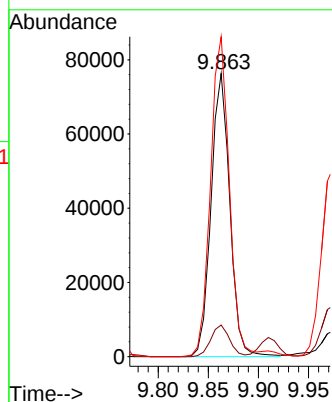
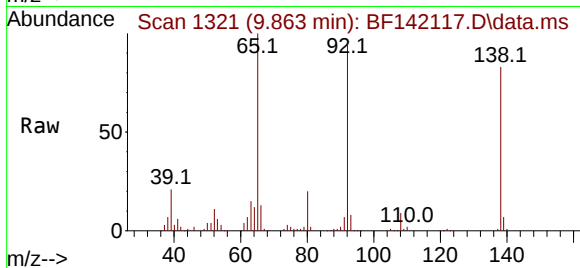
ClientSampleId :

PB167321BS

Tgt Ion:138 Resp: 9934
Ion Ratio Lower Upper
138 100
108 11.2 9.3 13.9
92 113.0 93.5 140.3

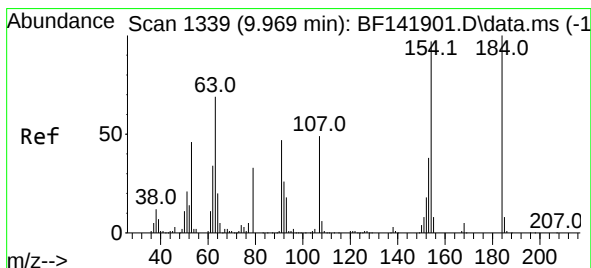
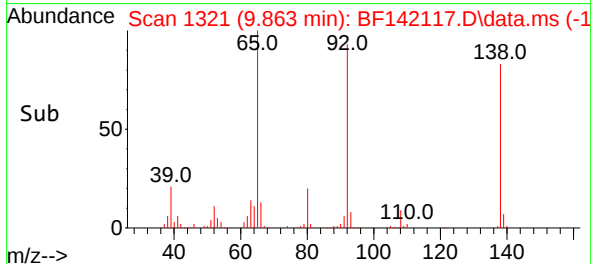
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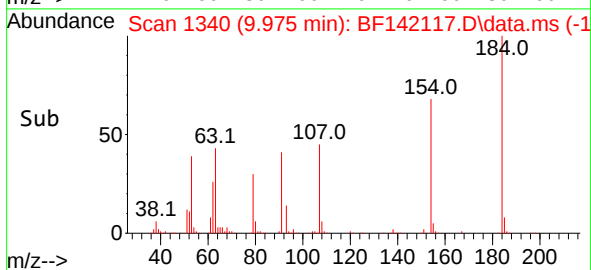
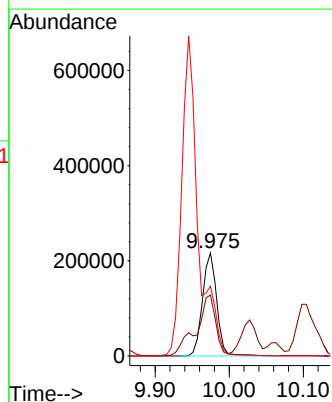
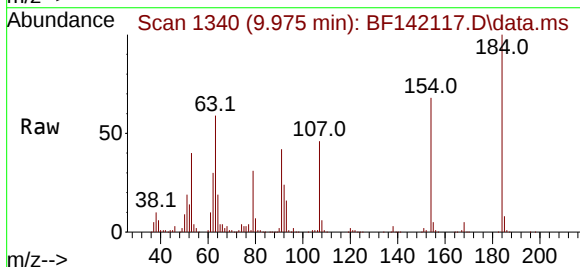
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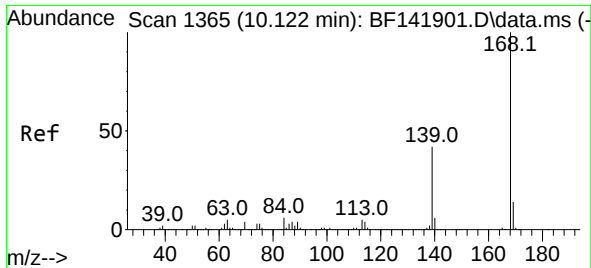
04/01/2025



#54
2,4-Dinitrophenol
Concen: 109.752 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

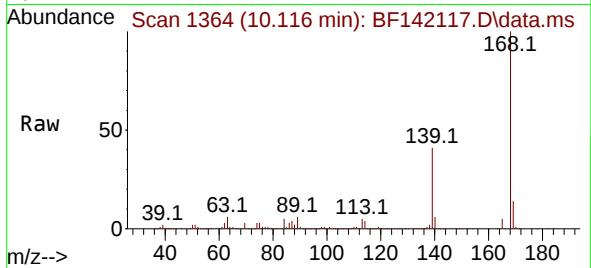
Tgt Ion:184 Resp: 289587
Ion Ratio Lower Upper
184 100
63 59.1 60.2 90.4#
154 67.7 132.9 199.3#





#55
Dibenzofuran
Concen: 48.483 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

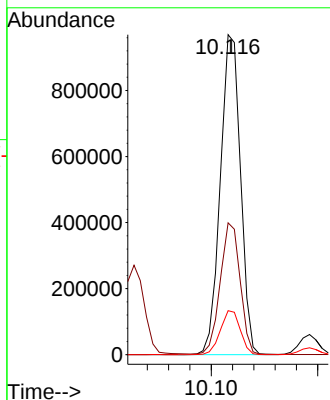
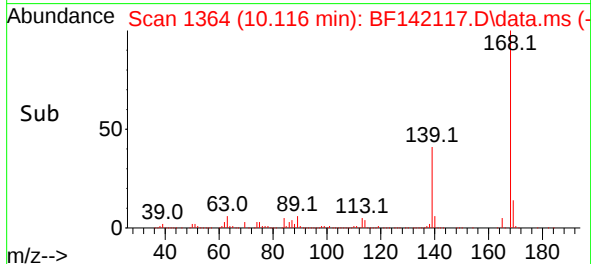
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:168 Resp: 1272272
Ion Ratio Lower Upper
168 100
139 41.2 33.9 50.9
169 13.8 11.0 16.4

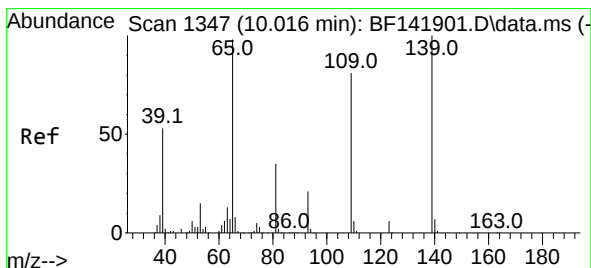
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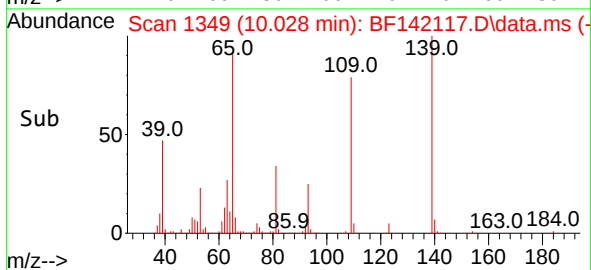
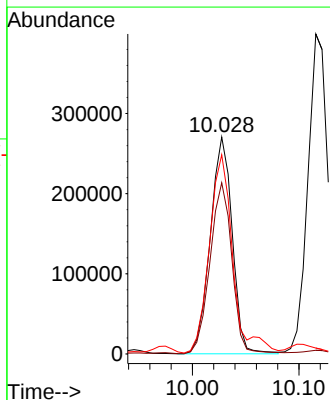
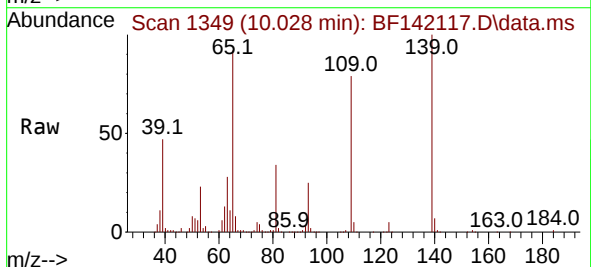
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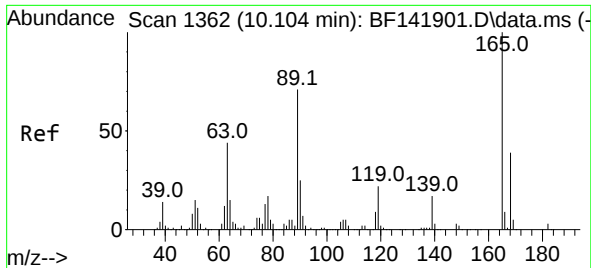
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#56
4-Nitrophenol
Concen: 111.236 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:139 Resp: 385796
Ion Ratio Lower Upper
139 100
109 79.0 61.6 101.6
65 91.9 79.4 119.4





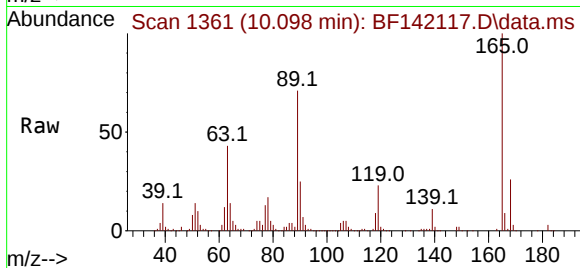
#57
2,4-Dinitrotoluene
Concen: 57.016 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

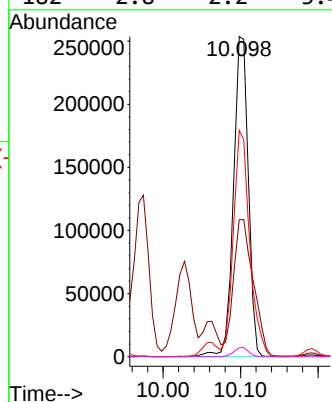
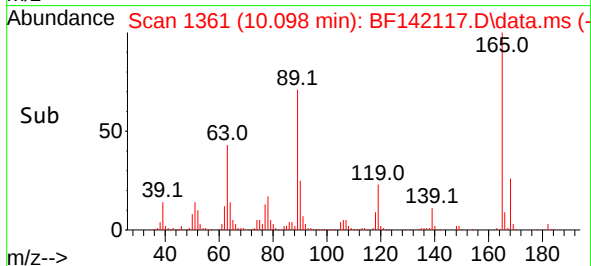
PB167321BS



Tgt Ion:165 Resp: 337634
Ion Ratio Lower Upper
165 100
63 42.8 35.4 53.2
89 70.6 56.6 84.8
182 2.8 2.2 3.4

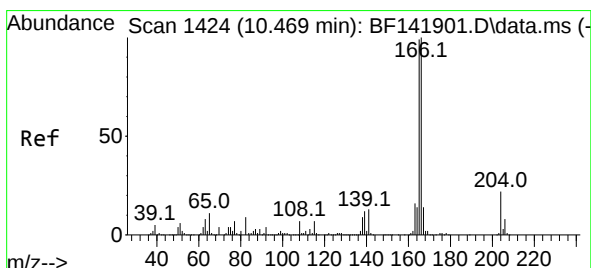
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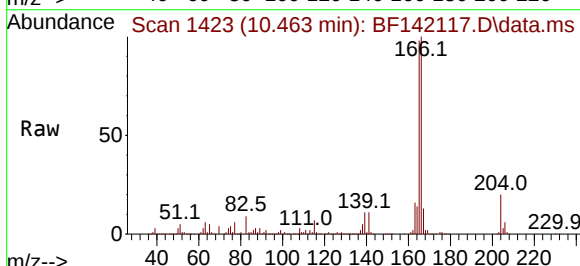


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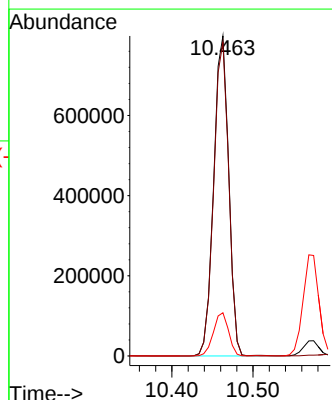
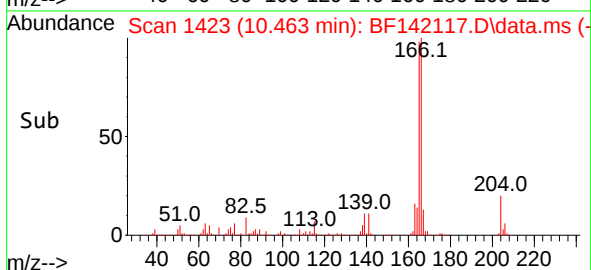
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#58
Fluorene
Concen: 50.636 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



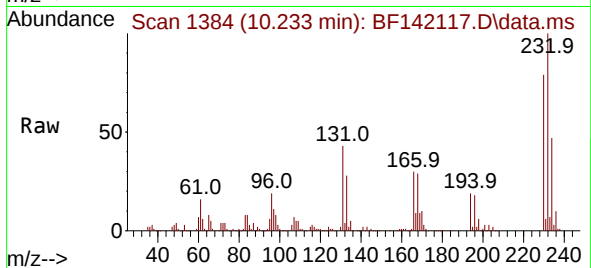
Tgt Ion:166 Resp: 1024700
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.013 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

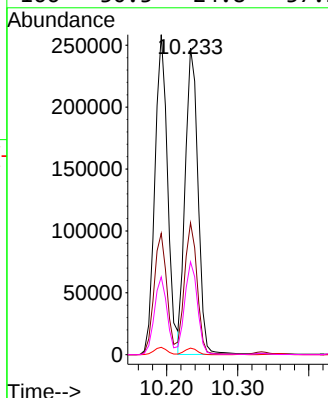
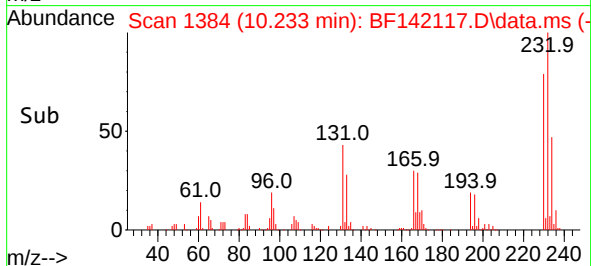
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:232 Resp: 308000
Ion Ratio Lower Upper
232 100
131 43.4 37.3 55.9
130 2.1 1.9 2.9
166 30.3 24.8 37.2

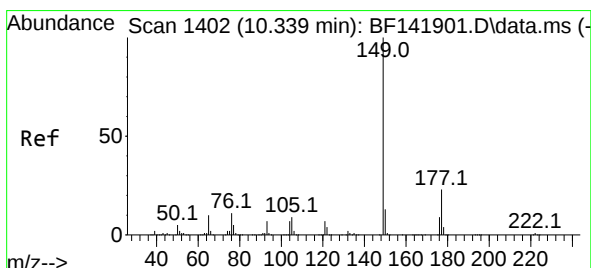
Manual Integrations
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Reviewed By :Anahy
Claudio



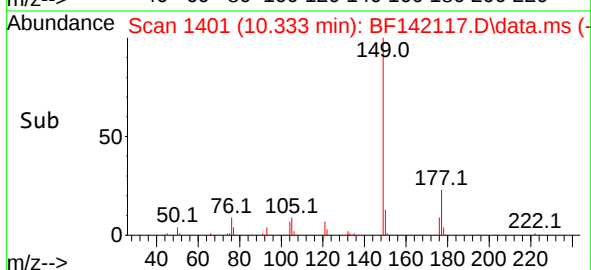
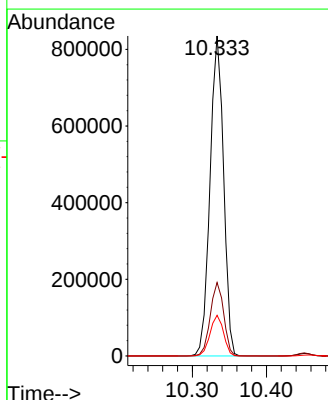
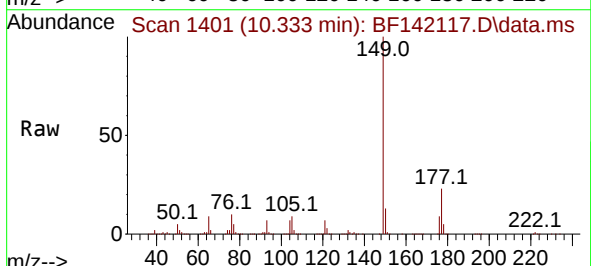
03/28/2025
Supervised By :Jagrut
Upadhyay

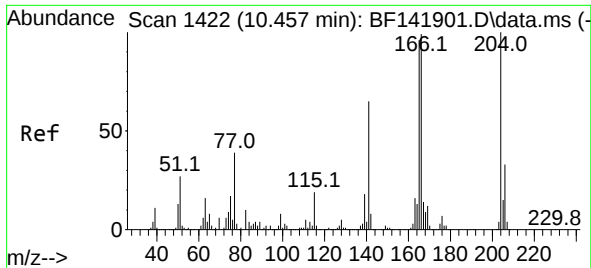
04/01/2025



#60
Diethylphthalate
Concen: 48.757 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

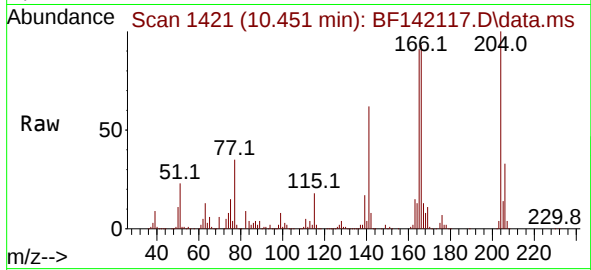
Tgt Ion:149 Resp: 1058669
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 50.698 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

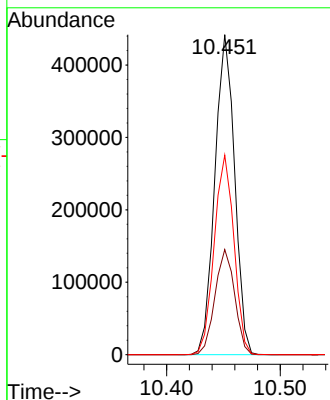
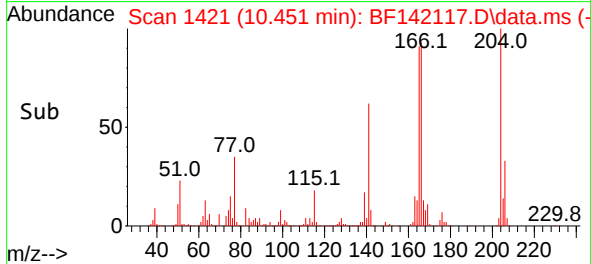
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:204 Resp: 53489
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 62.3 52.4 78.6

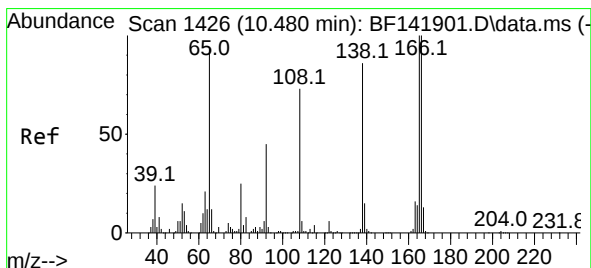
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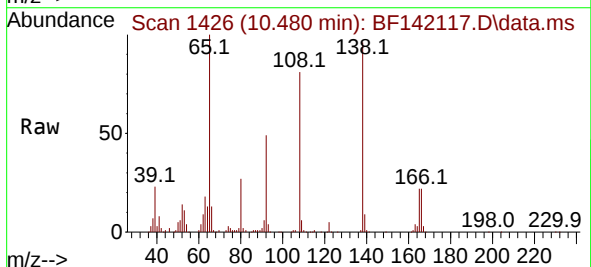


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Upadhyay

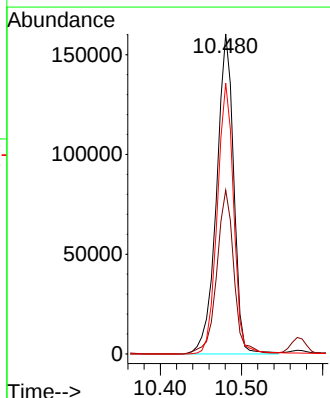
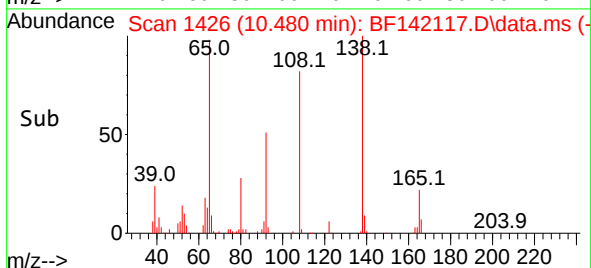
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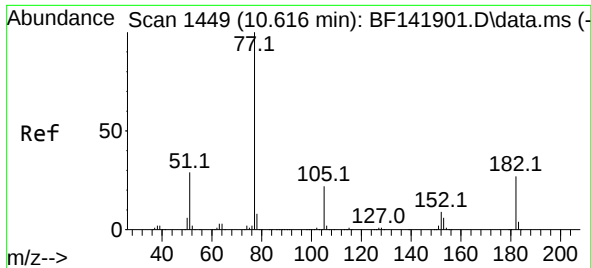


#62
4-Nitroaniline
Concen: 52.802 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:138 Resp: 236418
Ion Ratio Lower Upper
138 100
92 51.2 32.6 72.6
108 84.6 65.0 105.0





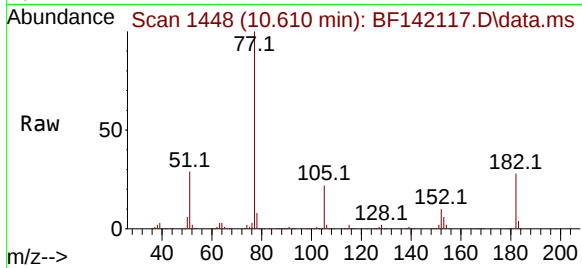
#63
Azobenzene
Concen: 48.300 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

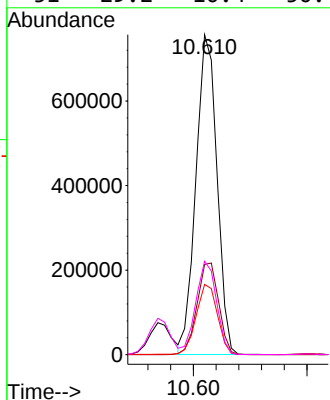
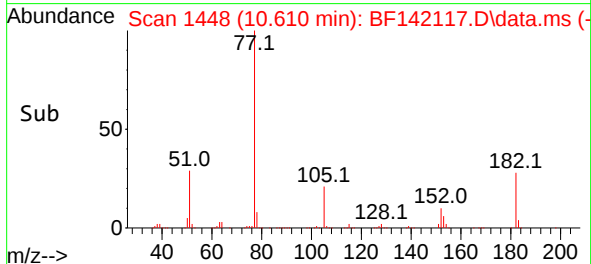
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Tgt Ion: 77 Resp: 97503
Ion Ratio Lower Upper
77 100
182 28.2 6.6 46.6
105 21.9 1.3 41.3
51 29.2 10.4 50.4

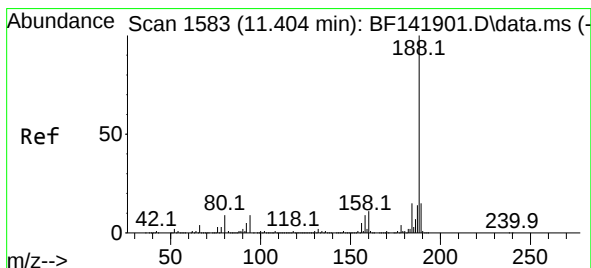
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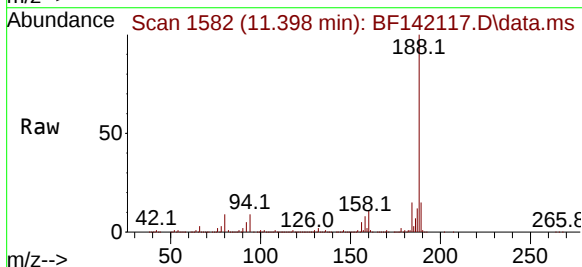


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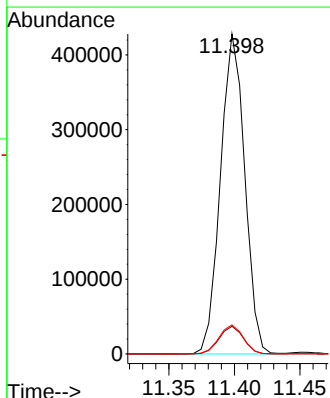
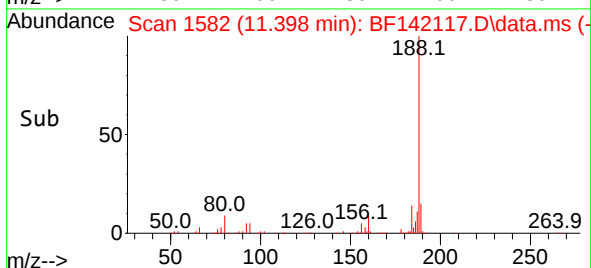
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



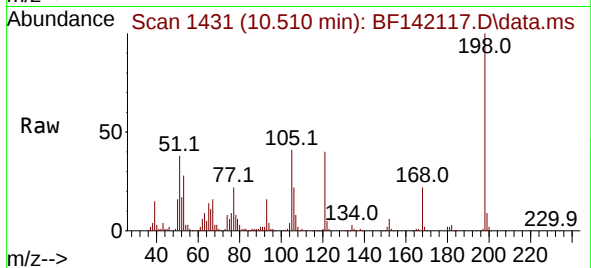
Tgt Ion:188 Resp: 550860
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.1 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 61.700 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

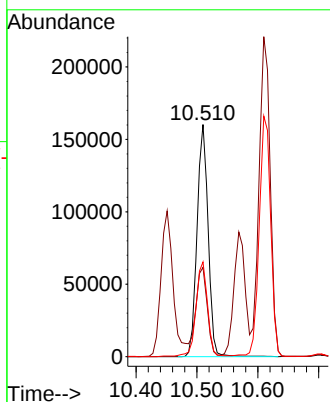
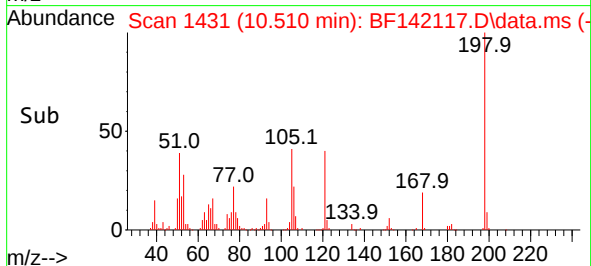
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:198 Resp: 202618
Ion Ratio Lower Upper
198 100
51 38.4 22.3 62.3
105 40.8 23.0 63.0

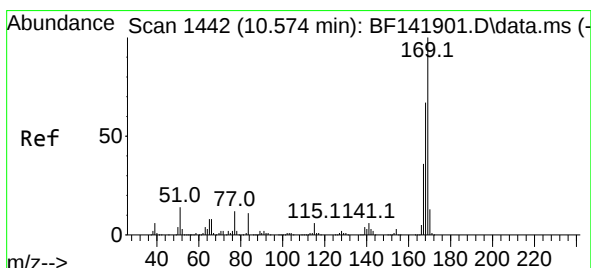
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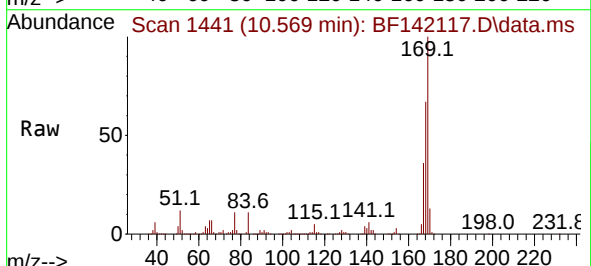


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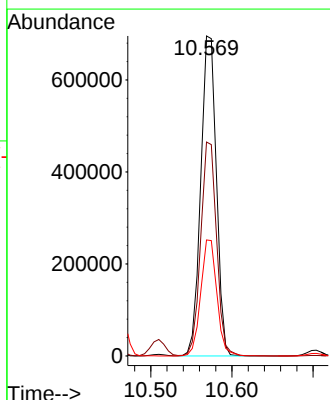
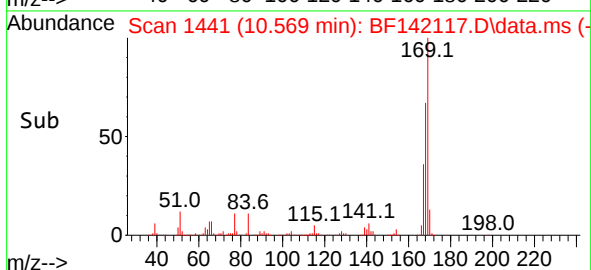
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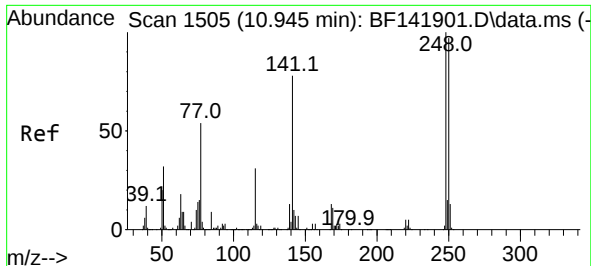


#66
n-Nitrosodiphenylamine
Concen: 51.988 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



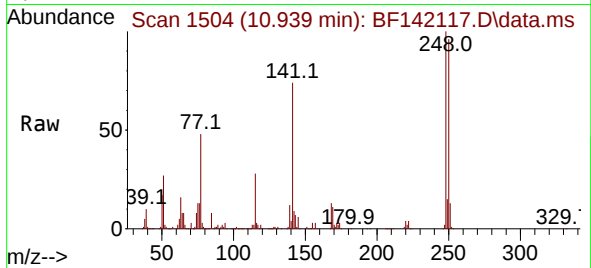
Tgt Ion:169 Resp: 926750
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 52.714 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

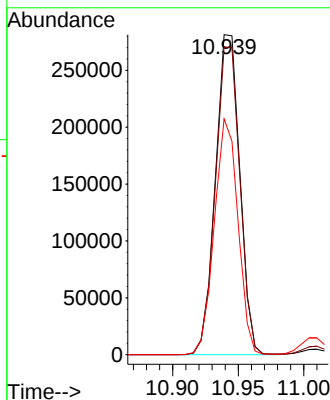
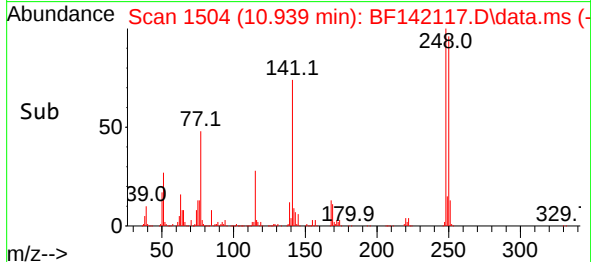
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:248 Resp: 364689
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.8
141 73.7 62.6 93.8

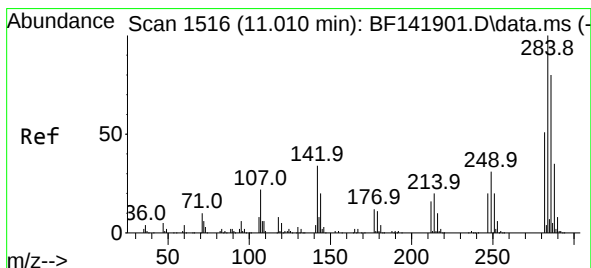
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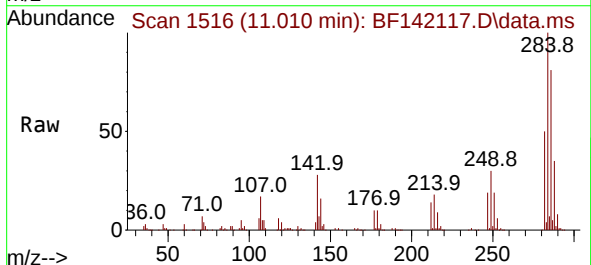


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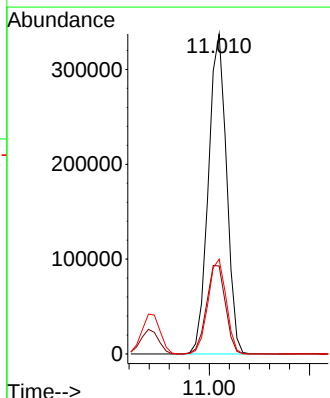
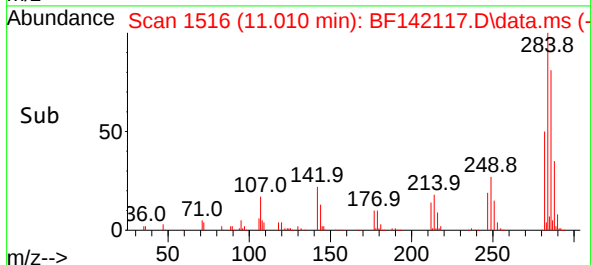
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#68
Hexachlorobenzene
Concen: 55.942 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:284 Resp: 424471
Ion Ratio Lower Upper
284 100
142 27.5 27.0 40.6
249 29.6 25.2 37.8





#69

Atrazine

Concen: 65.410 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142117.D

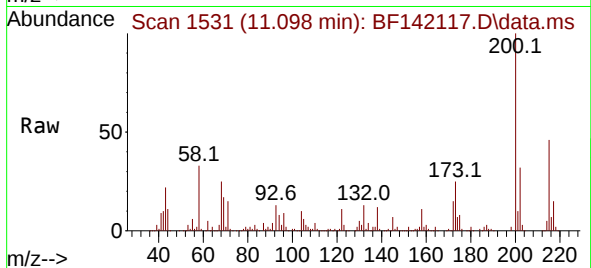
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

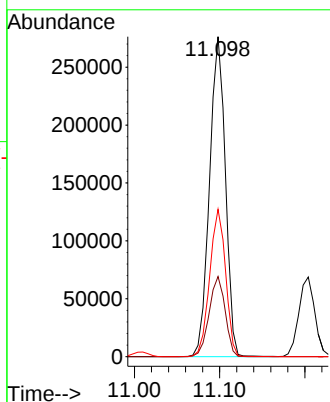
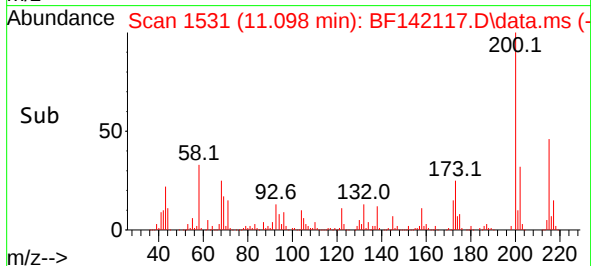
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Tgt Ion:200	Resp:	35744
Ion Ratio	Lower	Upper
200	100	
173	25.0	4.7 44.7
215	46.1	25.4 65.4

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#70

Pentachlorophenol

Concen: 103.534 ng

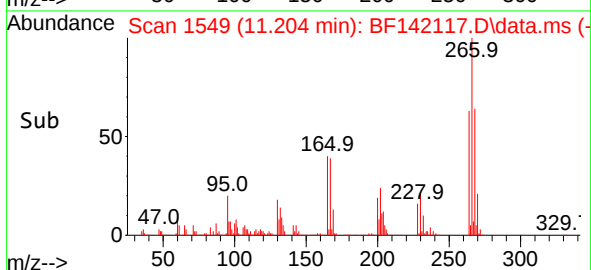
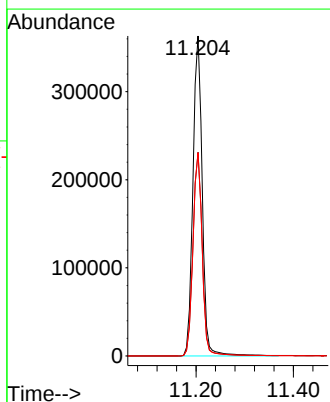
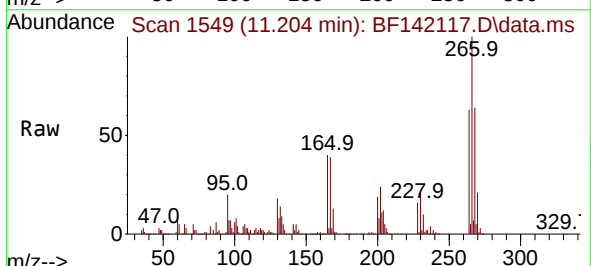
RT: 11.204 min Scan# 1549

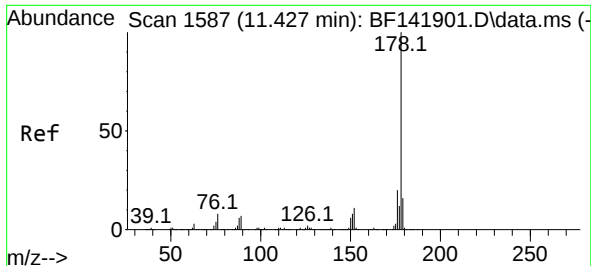
Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

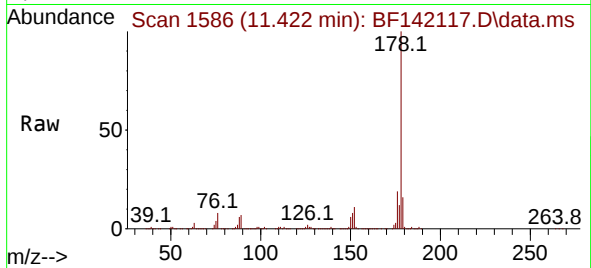
Tgt Ion:266	Resp:	484020
Ion Ratio	Lower	Upper
266	100	
268	63.7	51.0 76.6
264	63.5	50.2 75.2





#71
Phenanthrene
Concen: 52.810 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

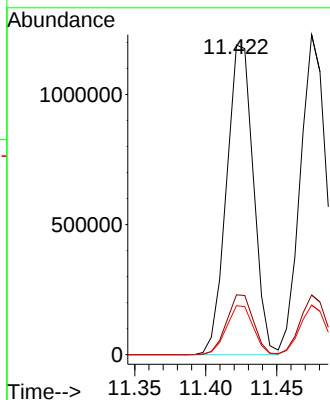
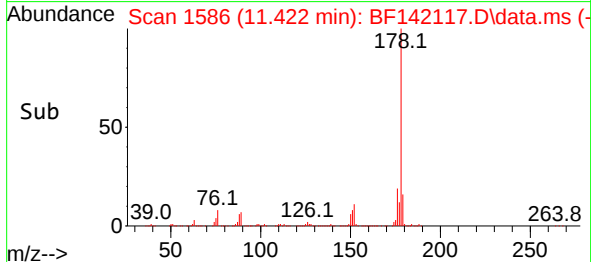
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:178 Resp: 1571298
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.8 12.6 19.0

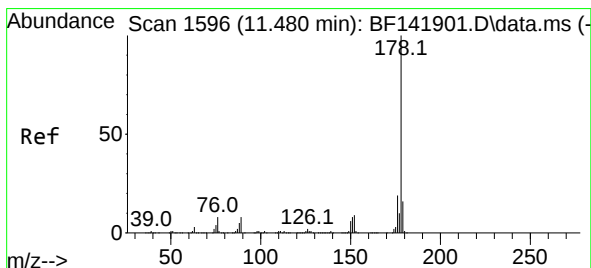
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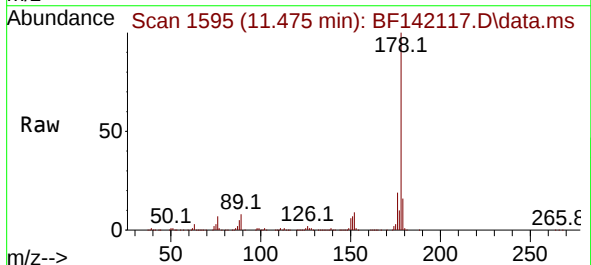


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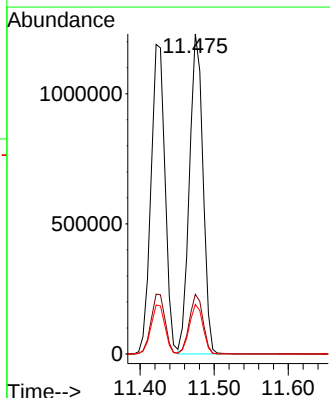
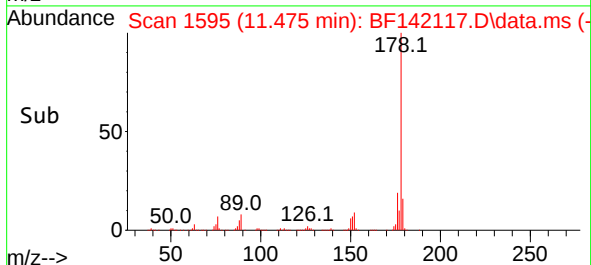
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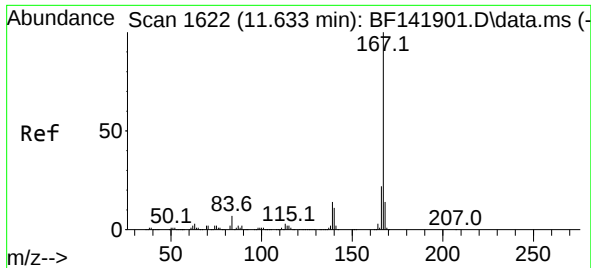


#72
Anthracene
Concen: 52.075 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



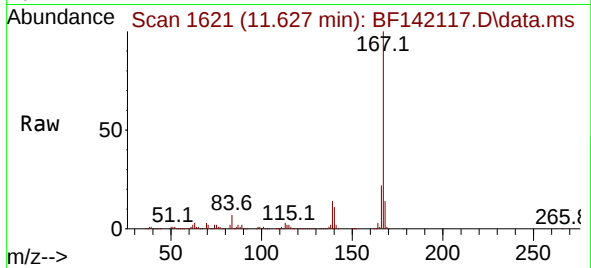
Tgt Ion:178 Resp: 1554485
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.5 12.6 19.0





#73
 Carbazole
 Concen: 52.568 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33

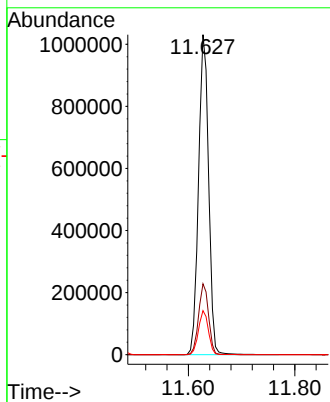
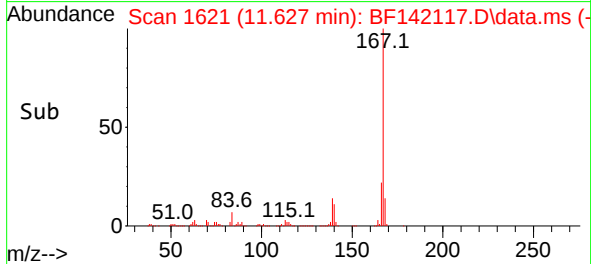
Instrument :
 BNA_F
 ClientSampleId :
 PB167321BS



Tgt Ion:167 Resp: 1353290
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 13.8 11.0 16.6

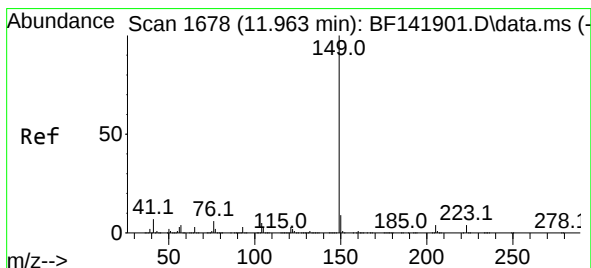
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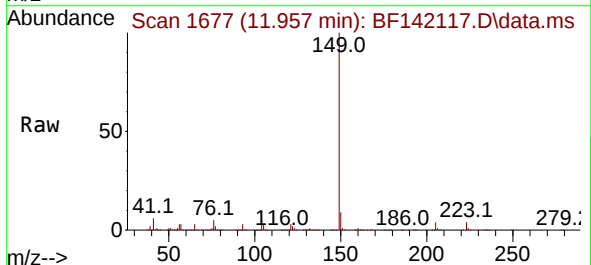


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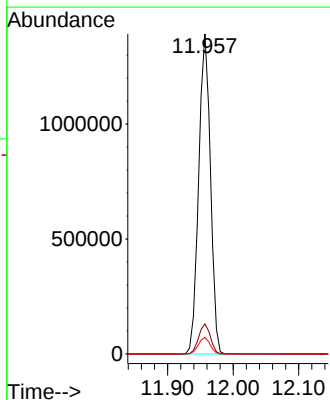
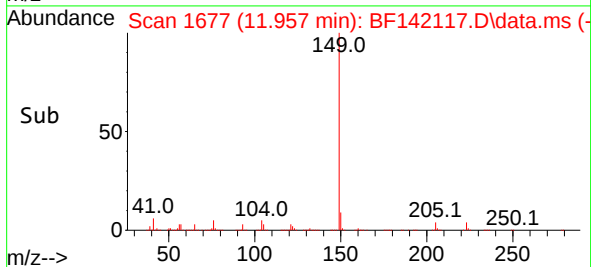
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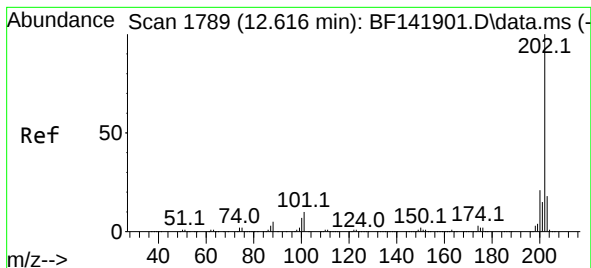


#74
 Di-n-butylphthalate
 Concen: 50.909 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33



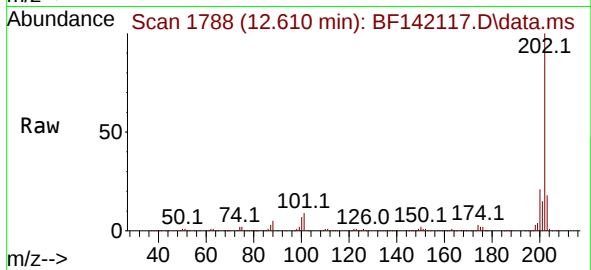
Tgt Ion:149 Resp: 1738986
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 48.089 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

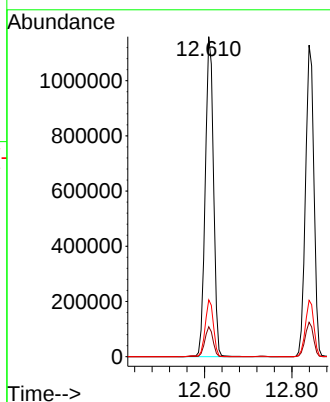
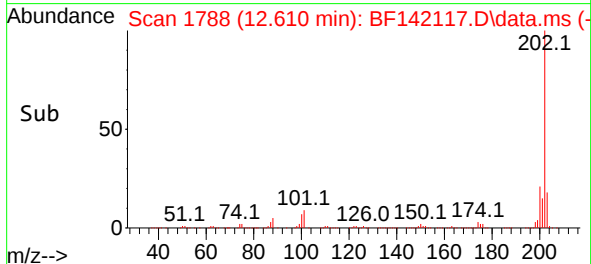
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:202 Resp: 151778
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.8 0.0 37.8

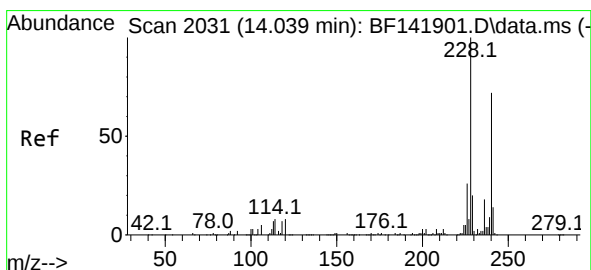
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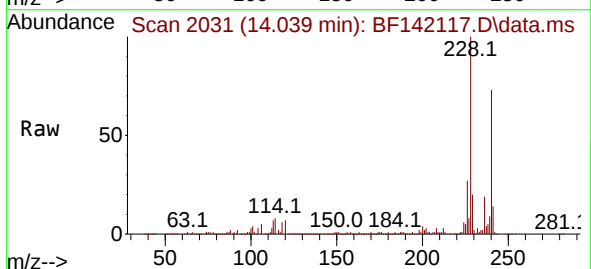


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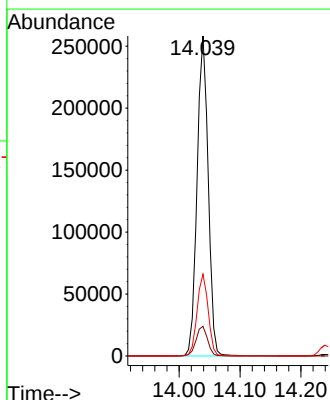
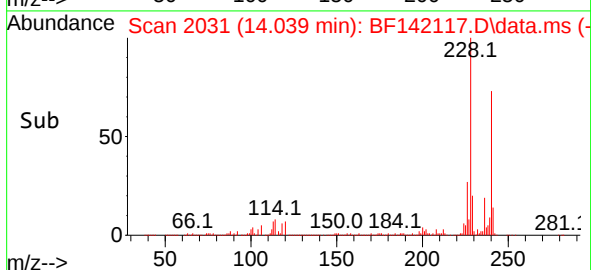
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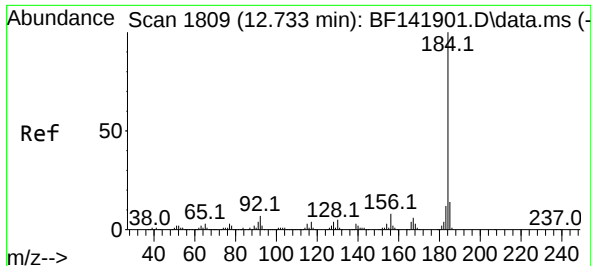


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



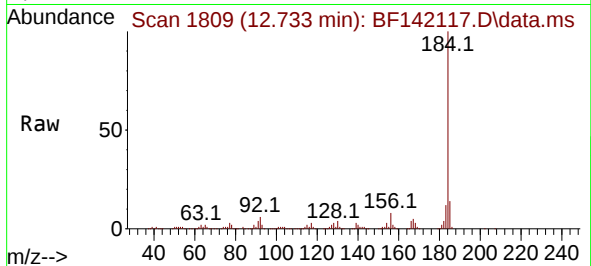
Tgt Ion:240 Resp: 326385
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.5 20.5 30.7





#77
Benzidine
Concen: 99.201 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

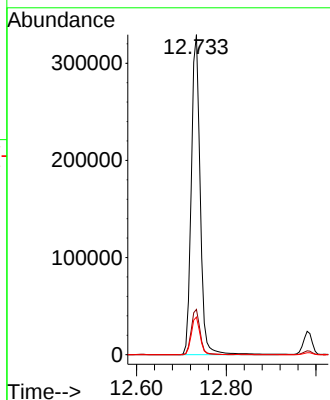
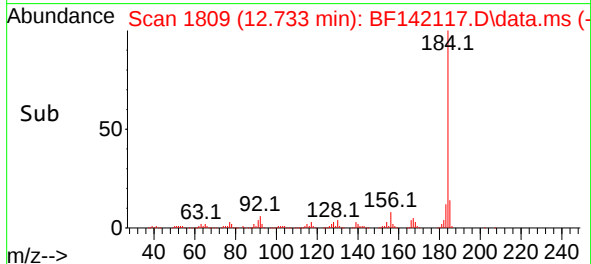
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:184 Resp: 451729
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.7 9.7 14.5

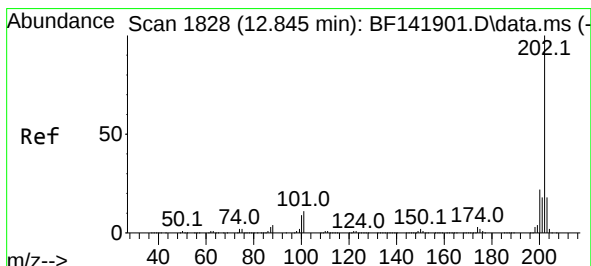
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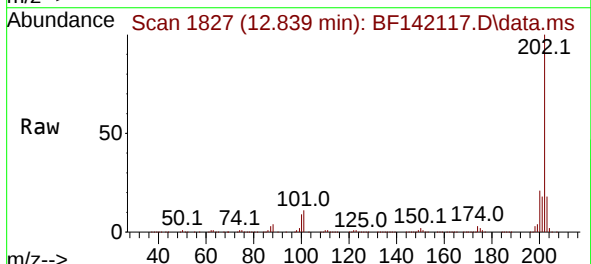


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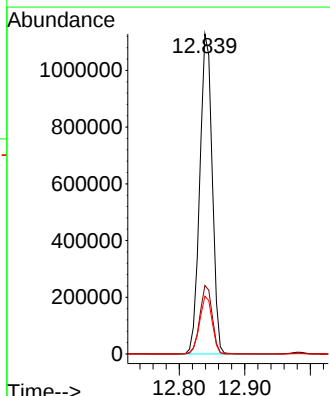
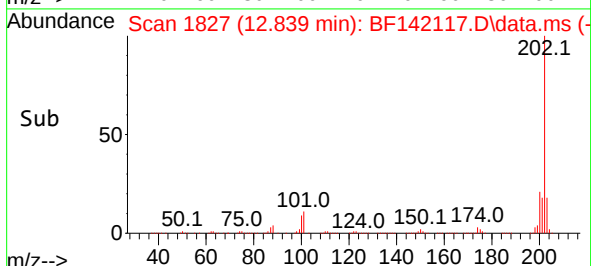
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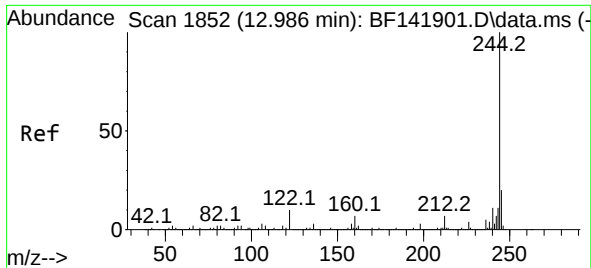


#78
Pyrene
Concen: 52.689 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:202 Resp: 1487561
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.1 14.4 21.6





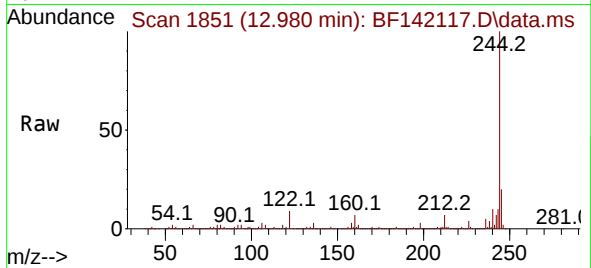
#79
 Terphenyl-d14
 Concen: 105.869 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

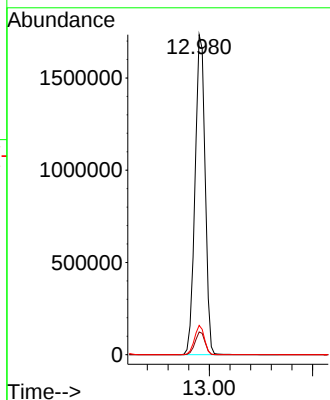
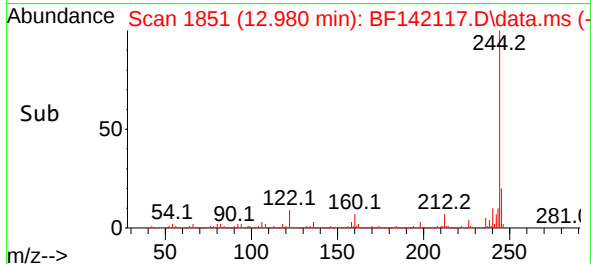
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Tgt Ion:244 Resp: 233717
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.1 7.7 11.5

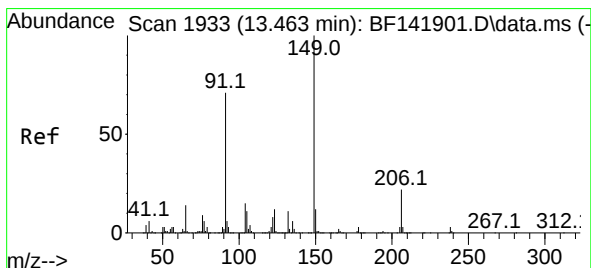
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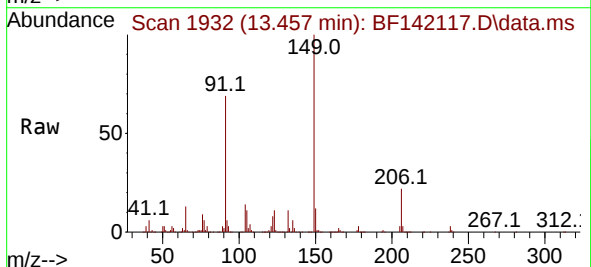


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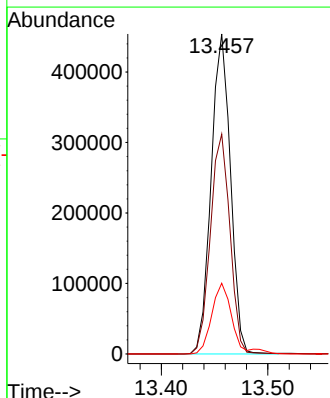
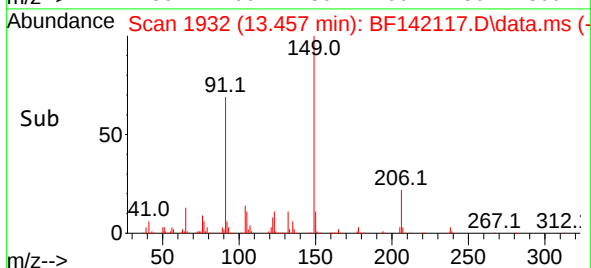
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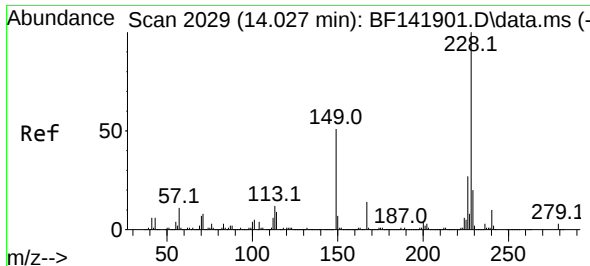


#80
 Butylbenzylphthalate
 Concen: 51.851 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33



Tgt Ion:149 Resp: 572968
 Ion Ratio Lower Upper
 149 100
 91 68.7 56.5 84.7
 206 22.1 17.3 25.9





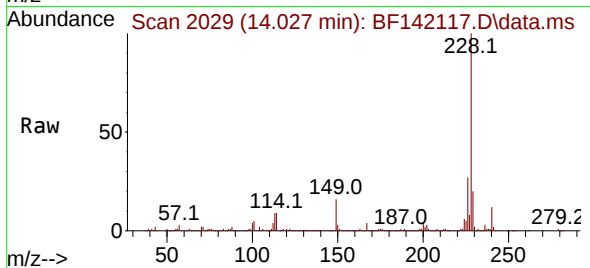
#81
Benzo(a)anthracene
Concen: 53.063 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

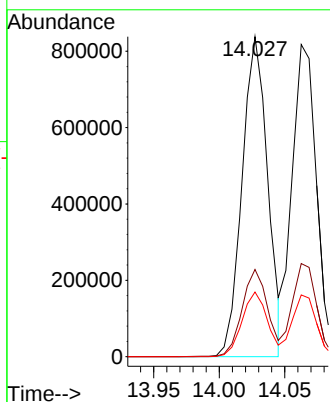
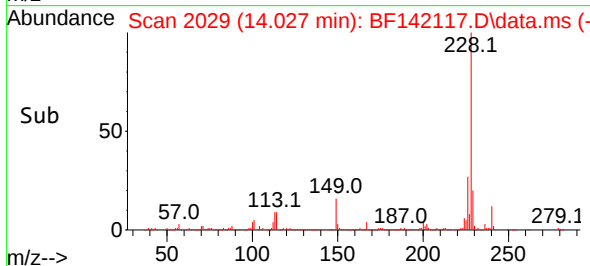
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Tgt Ion:228 Resp: 113648
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.2 16.0 24.0

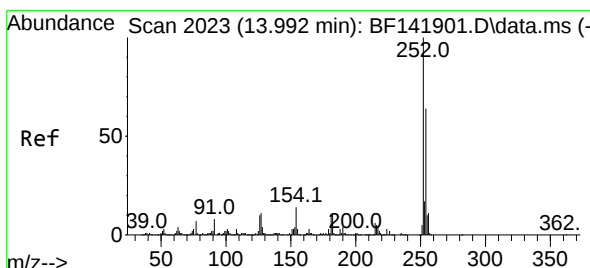
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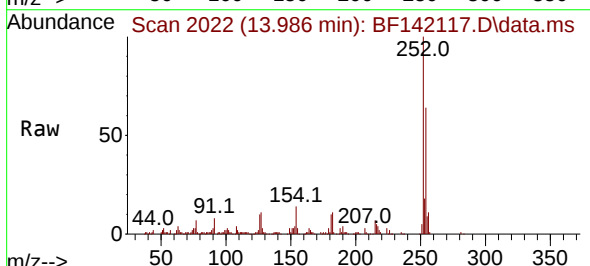


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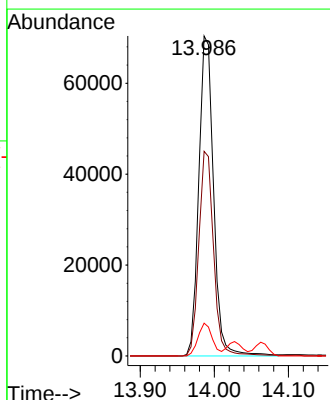
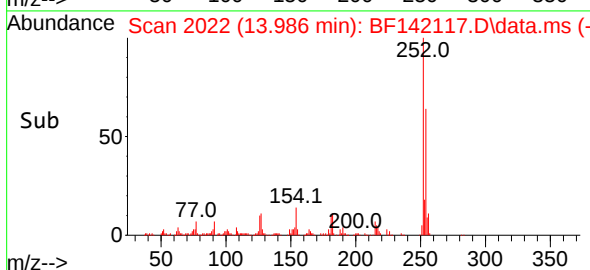
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#82
3,3'-Dichlorobenzidine
Concen: 15.769 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:252 Resp: 97598
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.6
126 10.2 8.4 12.6





#83

Chrysene

Concen: 54.462 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

Tgt Ion:228 Resp: 105734

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

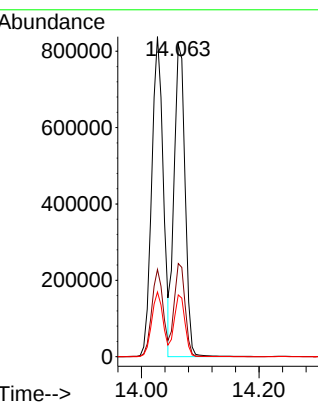
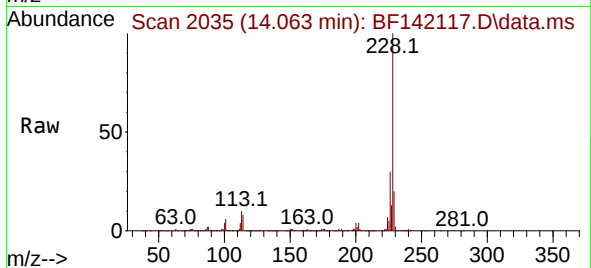
229 19.8 15.7 23.5

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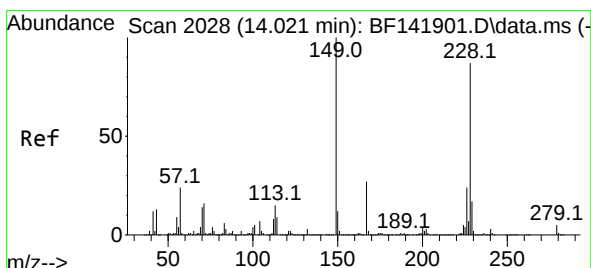
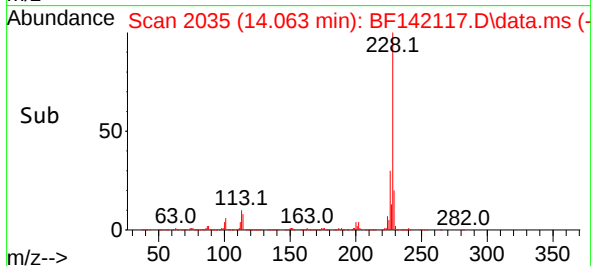


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#84

Bis(2-ethylhexyl)phthalate

Concen: 49.519 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

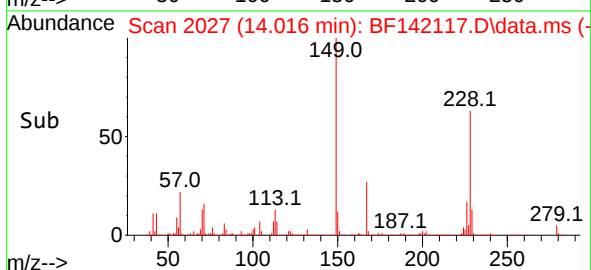
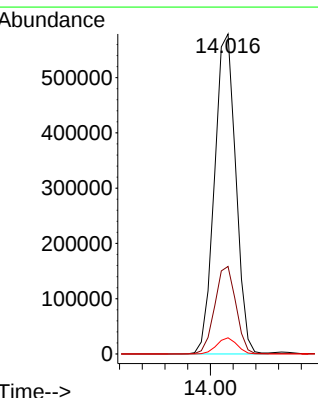
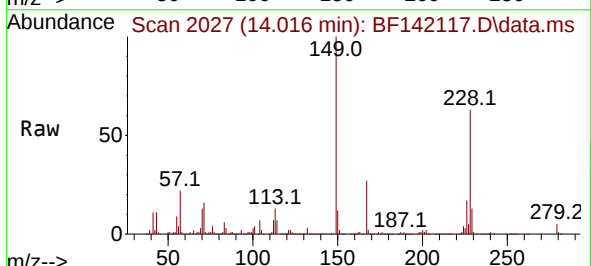
Tgt Ion:149 Resp: 754478

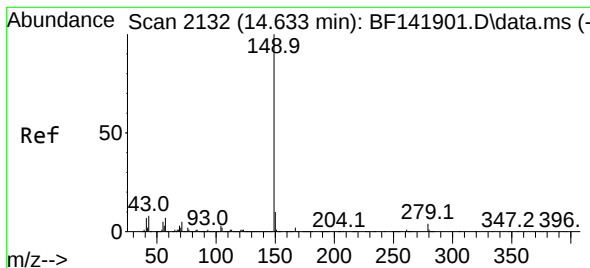
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

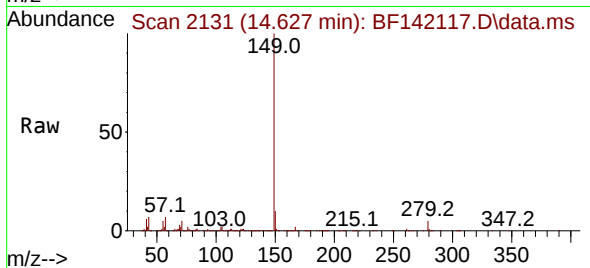
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 54.218 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

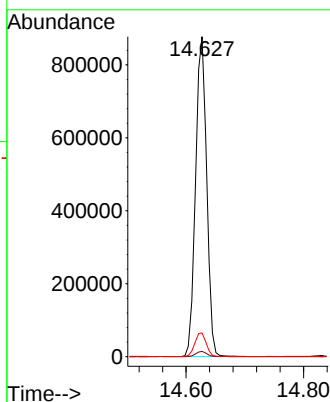
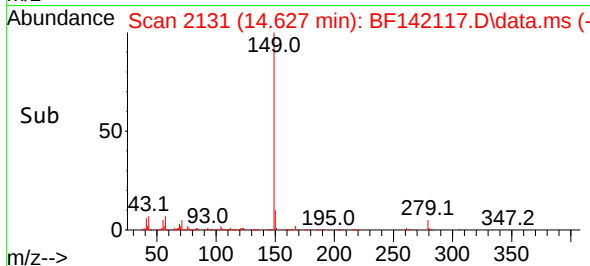
Instrument :
BNA_F
ClientSampleId :
PB167321BS



Tgt Ion:149 Resp: 114938
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.7 6.9 10.3

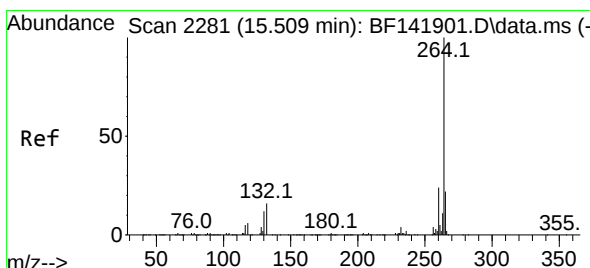
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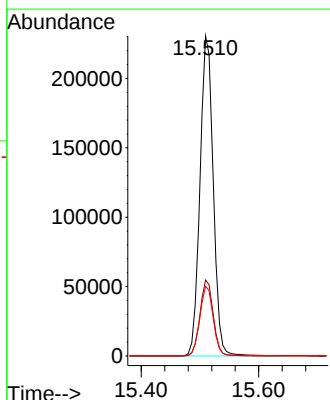
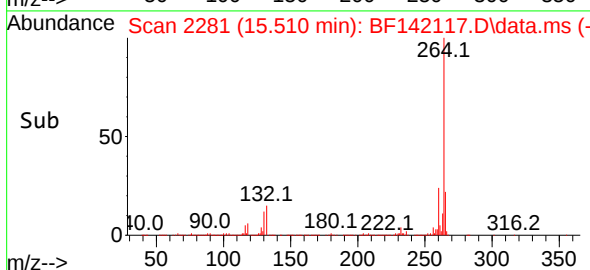
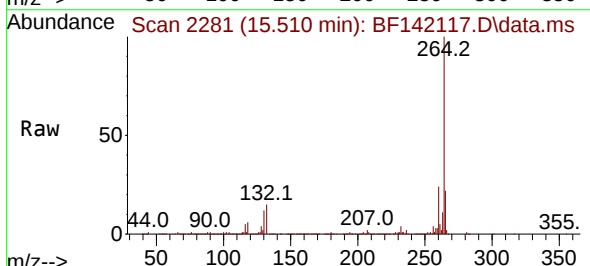
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:264 Resp: 360617
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.946 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

Tgt Ion:276 Resp: 125843

Ion Ratio Lower Upper

276 100

138 21.1 18.4 27.6

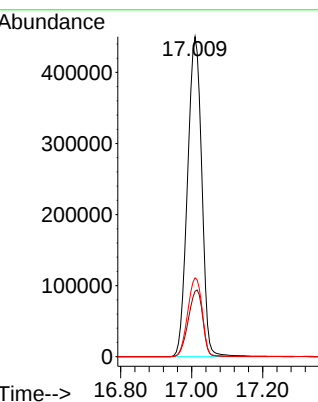
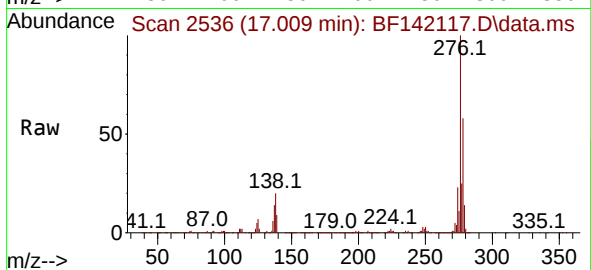
277 25.3 20.3 30.5

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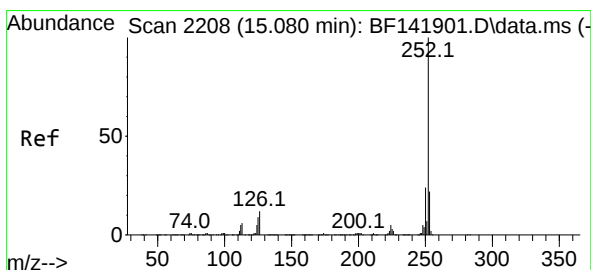
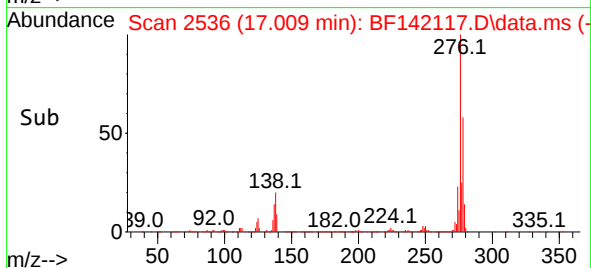


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#88

Benzo(b)fluoranthene

Concen: 50.216 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

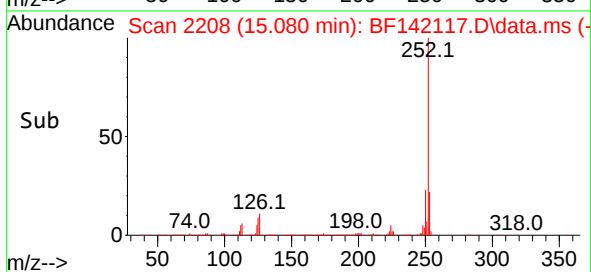
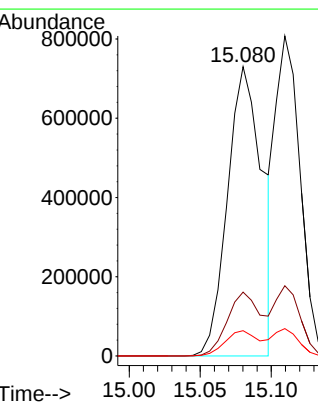
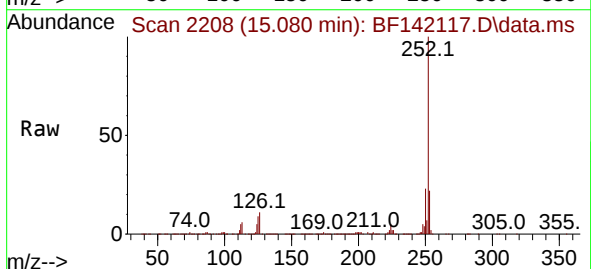
Tgt Ion:252 Resp: 1241107

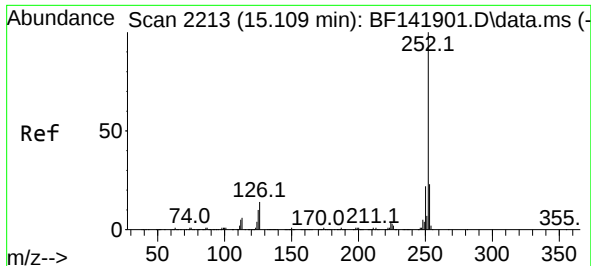
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 46.616 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

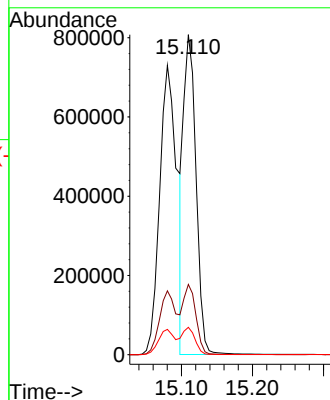
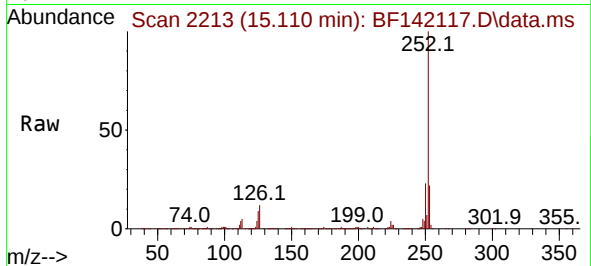
ClientSampleId :

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Tgt Ion:252 Resp: 98594
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 8.6 7.2 10.8

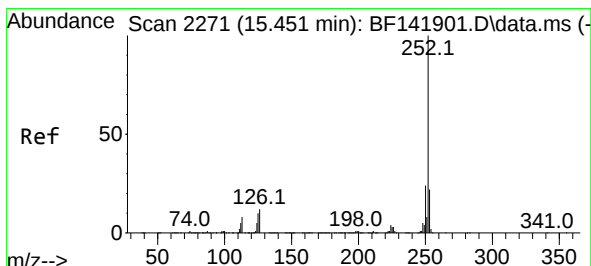
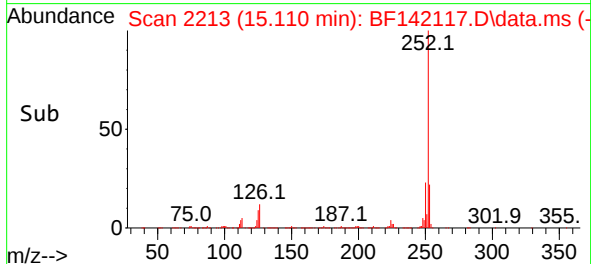
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#90

Benzo(a)pyrene

Concen: 55.060 ng

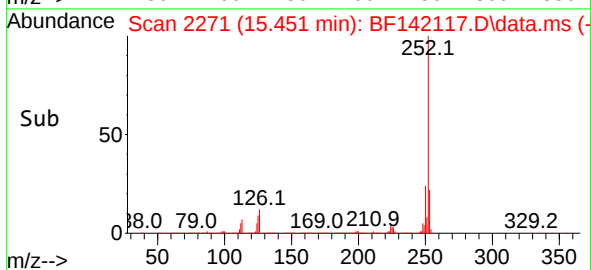
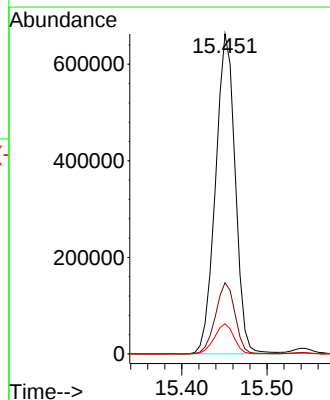
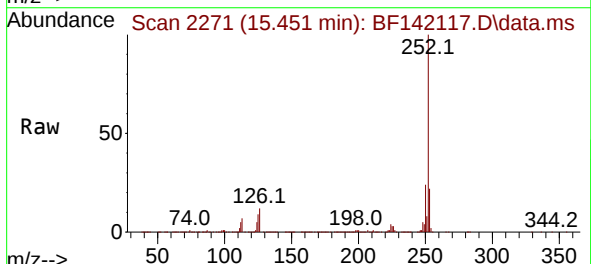
RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Tgt Ion:252 Resp: 1064781
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 9.5 7.8 11.8





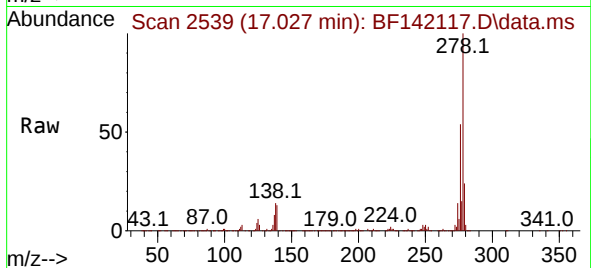
#91
Dibenzo(a,h)anthracene
Concen: 53.231 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

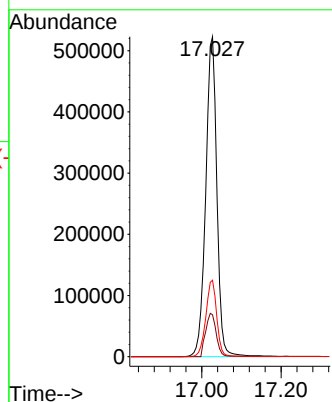
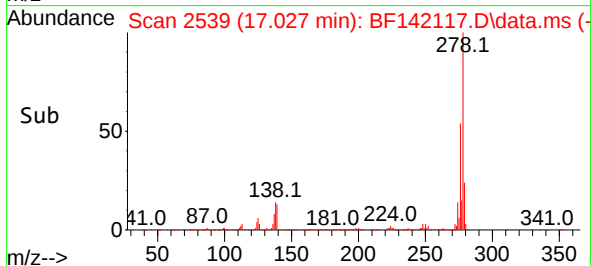
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Tgt Ion:278 Resp: 102454
Ion Ratio Lower Upper
278 100
139 13.1 11.4 17.2
279 23.9 18.8 28.2

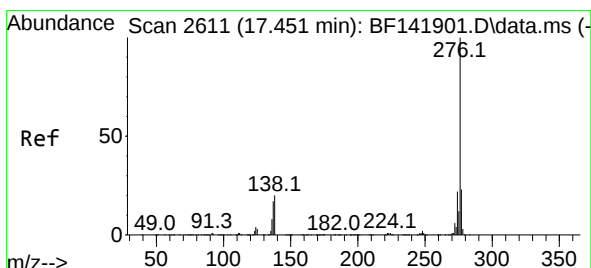
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#92
Benzo(g,h,i)perylene
Concen: 51.408 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:276 Resp: 977784
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 18.8 15.8 23.8

