

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141697.D
 Acq On : 20 Feb 2025 12:03
 Operator : RC/JU
 Sample : PB166772BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166772BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/21/2025
 Supervised By :Jagrut Upadhyay 02/21/2025

Quant Time: Feb 20 12:28:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	89471	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	339861	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	175998	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	274767	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	175579	20.000	ng	-0.02
86) Perylene-d12	15.380	264	179789	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	738692	129.436	ng	0.00
7) Phenol-d6	6.428	99	894484	124.007	ng	-0.01
23) Nitrobenzene-d5	7.345	82	582257	89.359	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	228600	129.300	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1080350	94.571	ng	-0.01
79) Terphenyl-d14	12.880	244	1017222	97.805	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	96087	41.833	ng	97
3) Pyridine	3.310	79	215535	39.433	ng	94
4) n-Nitrosodimethylamine	3.257	42	138675	38.317	ng	88
6) Aniline	6.445	93	229522	33.921	ng	87
8) 2-Chlorophenol	6.569	128	267441	43.369	ng	99
9) Benzaldehyde	6.334	77	119356	31.138	ng	97
10) Phenol	6.439	94	314270	41.861	ng	94
11) bis(2-Chloroethyl)ether	6.516	93	252326	44.747	ng	99
12) 1,3-Dichlorobenzene	6.722	146	284537	43.706	ng	96
13) 1,4-Dichlorobenzene	6.798	146	287310	43.194	ng	99
14) 1,2-Dichlorobenzene	6.951	146	272279	44.105	ng	98
15) Benzyl Alcohol	6.928	79	221988	40.132	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	386626	40.053	ng	80
17) 2-Methylphenol	7.045	107	206293	42.748	ng	96
18) Hexachloroethane	7.286	117	105464	42.842	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	181025	41.956	ng	94
20) 3+4-Methylphenols	7.198	107	265647	43.316	ng	94
22) Acetophenone	7.192	105	404534	47.850	ng	94
24) Nitrobenzene	7.363	77	274673	43.229	ng	99
25) Isophorone	7.604	82	483767	46.563	ng	98
26) 2-Nitrophenol	7.681	139	143699	45.458	ng	93
27) 2,4-Dimethylphenol	7.722	122	208216	56.382	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	297186	44.640	ng	99
29) 2,4-Dichlorophenol	7.928	162	221917	44.475	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	236353	43.498	ng	99
31) Naphthalene	8.086	128	756122	42.740	ng	100
32) Benzoic acid	7.863	122	151281m	39.438	ng	
33) 4-Chloroaniline	8.139	127	77839	12.602	ng	98
34) Hexachlorobutadiene	8.198	225	145970	44.749	ng	100
35) Caprolactam	8.510	113	70561m	46.446	ng	
36) 4-Chloro-3-methylphenol	8.628	107	233838	42.307	ng	100
37) 2-Methylnaphthalene	8.775	142	475194	41.278	ng	99
38) 1-Methylnaphthalene	8.875	142	465525	41.752	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	258543	50.776	ng	99
41) Hexachlorocyclopentadiene	8.928	237	236093	139.404	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	146744	44.590	ng	99

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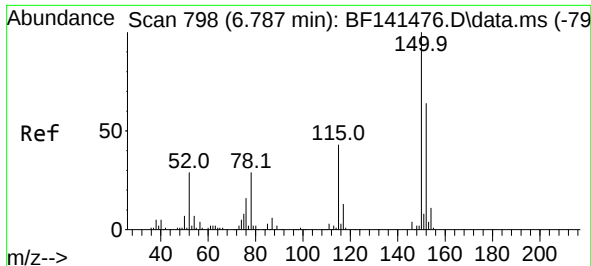
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	157526	44.167	ng	98
46) 1,1'-Biphenyl	9.239	154	678732	49.743	ng	99
47) 2-Chloronaphthalene	9.263	162	465210	46.106	ng	99
48) 2-Nitroaniline	9.363	65	146756	43.340	ng	98
49) Acenaphthylene	9.675	152	697830	46.498	ng	99
50) Dimethylphthalate	9.539	163	543725	45.507	ng	100
51) 2,6-Dinitrotoluene	9.604	165	117961	45.162	ng	98
52) Acenaphthene	9.851	154	442627	43.870	ng	100
53) 3-Nitroaniline	9.775	138	66082	23.507	ng	99
54) 2,4-Dinitrophenol	9.892	184	102131	65.792	ng	89
55) Dibenzofuran	10.022	168	627906	42.399	ng	99
56) 4-Nitrophenol	9.951	139	159906	76.625	ng	94
57) 2,4-Dinitrotoluene	10.010	165	153202	44.060	ng	99
58) Fluorene	10.363	166	499308	43.605	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	128933	41.989	ng	95
60) Diethylphthalate	10.239	149	507969	43.211	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	245262	44.522	ng	97
62) 4-Nitroaniline	10.392	138	108793	38.112	ng	97
63) Azobenzene	10.516	77	480413	41.109	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	75181	39.389	ng	91
66) n-Nitrosodiphenylamine	10.475	169	431732	49.085	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	147626	48.073	ng	100
68) Hexachlorobenzene	10.910	284	155070	49.039	ng	99
69) Atrazine	11.004	200	154838	58.680	ng	99
70) Pentachlorophenol	11.110	266	142913	70.680	ng	99
71) Phenanthrene	11.327	178	693309	45.839	ng	100
72) Anthracene	11.374	178	710171	46.710	ng	100
73) Carbazole	11.533	167	593490	43.383	ng	99
74) Di-n-butylphthalate	11.863	149	715228	45.278	ng	99
75) Fluoranthene	12.510	202	661644	41.262	ng	99
77) Benzidine	12.639	184	153500	39.641	ng	99
78) Pyrene	12.739	202	667462	44.657	ng	100
80) Butylbenzylphthalate	13.357	149	244952	47.315	ng	97
81) Benzo(a)anthracene	13.927	228	536374	45.957	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	125294	37.476	ng	99
83) Chrysene	13.963	228	497870	46.199	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	314261	53.822	ng	99
85) Di-n-octyl phthalate	14.527	149	505295	60.662	ng	97
87) Indeno(1,2,3-cd)pyrene	16.815	276	548805	49.402	ng	99
88) Benzo(b)fluoranthene	14.962	252	489904	40.582	ng	99
89) Benzo(k)fluoranthene	14.992	252	412603	40.026	ng	99
90) Benzo(a)pyrene	15.321	252	473681	48.492	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	442018	49.105	ng	99
92) Benzo(g,h,i)perylene	17.245	276	420897	44.683	ng	99

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

Manual Integrations APPROVED

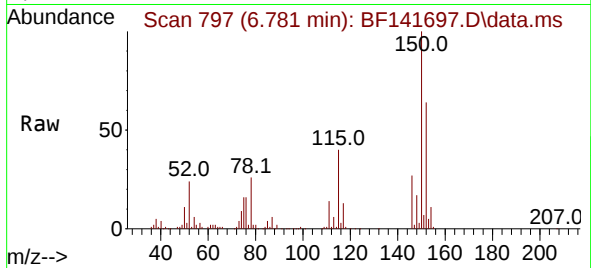
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

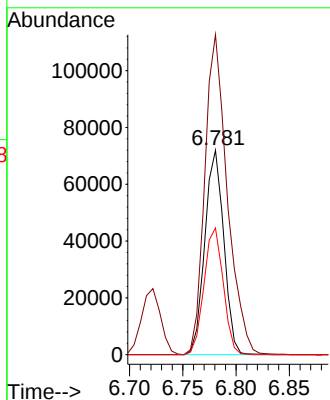
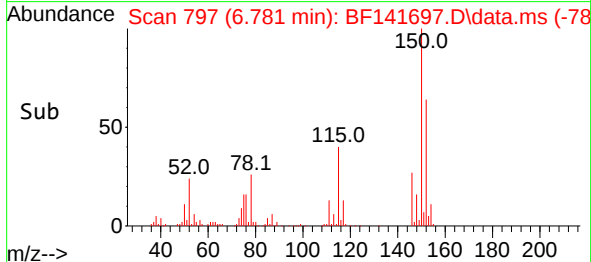
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 8947
Ion Ratio Lower Upper
152 100
150 156.4 125.0 187.4
115 61.9 53.6 80.4

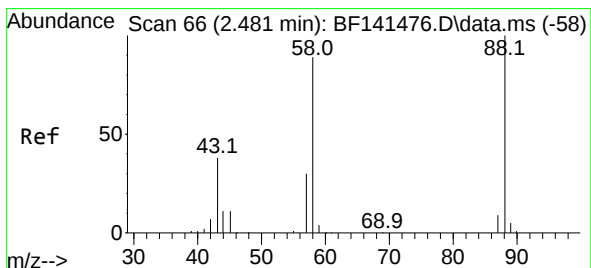
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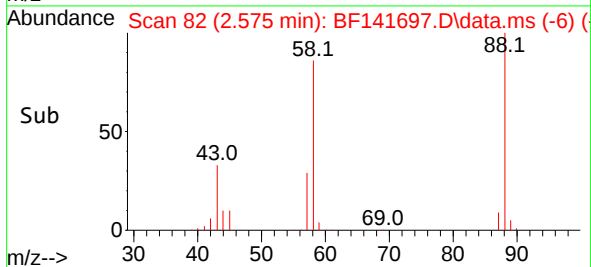
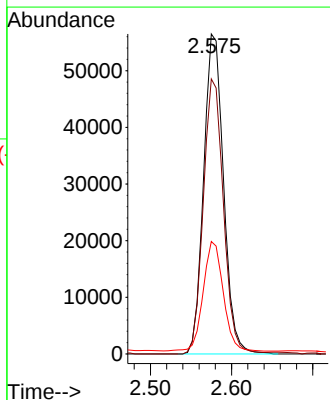
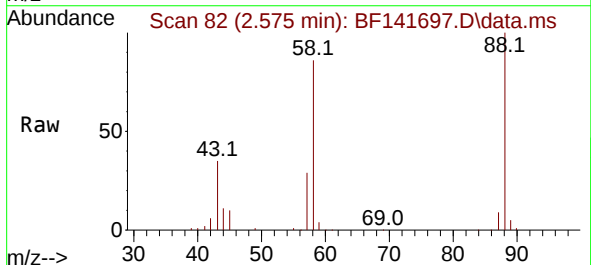
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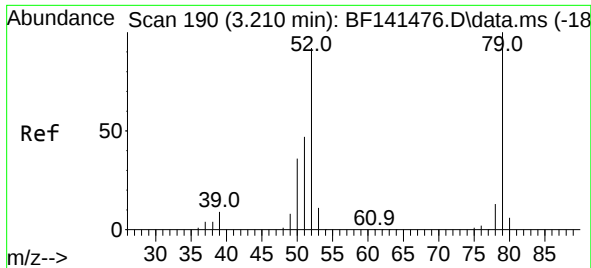
02/21/2025



#2
1,4-Dioxane
Concen: 41.833 ng
RT: 2.575 min Scan# 82
Delta R.T. 0.094 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

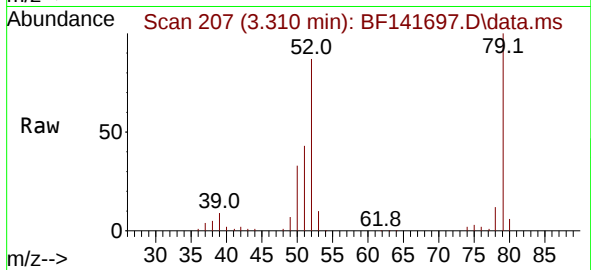
Tgt Ion: 88 Resp: 96087
Ion Ratio Lower Upper
88 100
58 87.0 71.1 106.7
43 34.5 30.6 46.0





#3
Pyridine
Concen: 39.433 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

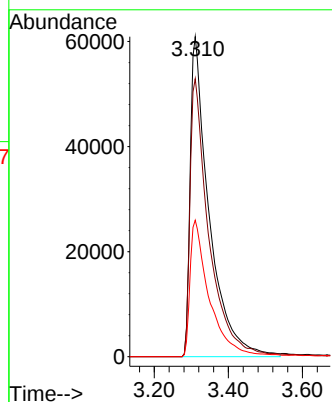
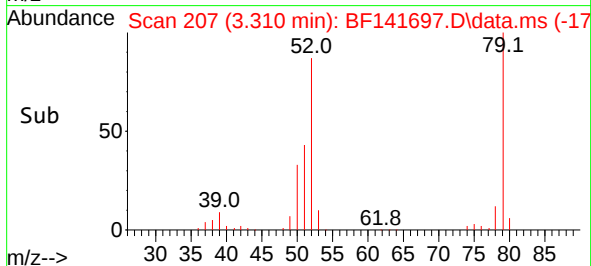
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Tgt Ion: 79 Resp: 21553
Ion Ratio Lower Upper
79 100
52 86.9 73.7 110.5
51 42.6 37.5 56.3

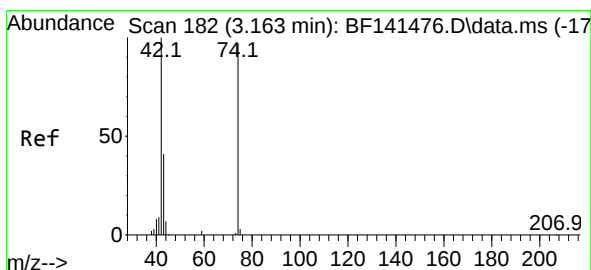
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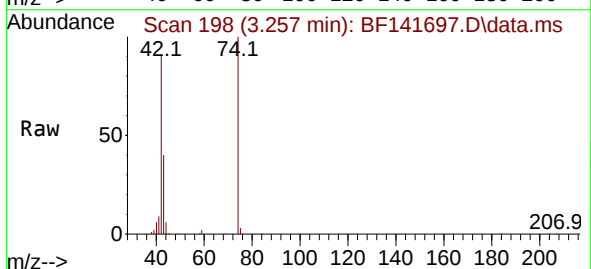


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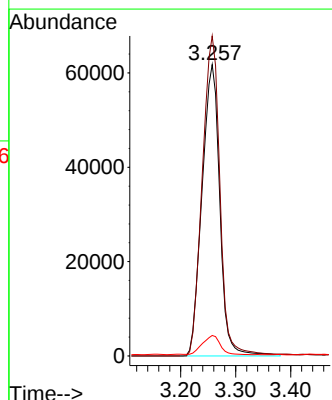
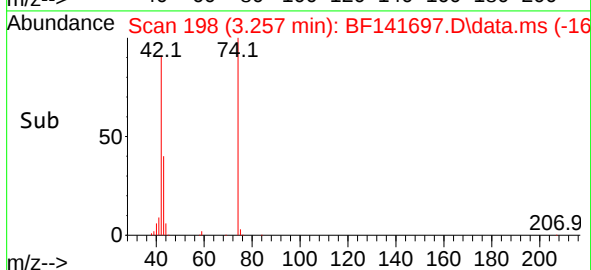
02/21/2025



#4
n-Nitrosodimethylamine
Concen: 38.317 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.071 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



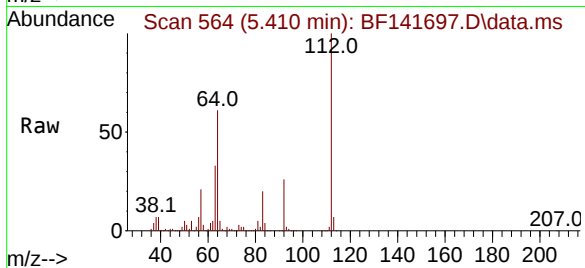
Tgt Ion: 42 Resp: 138675
Ion Ratio Lower Upper
42 100
74 109.8 78.0 117.0
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 129.436 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

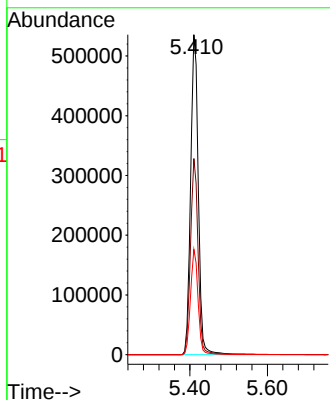
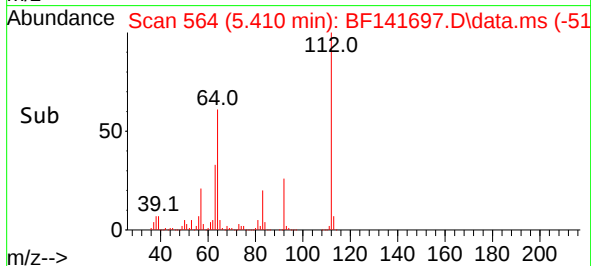
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Tgt Ion: 112 Resp: 738692
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 32.9 28.4 42.6

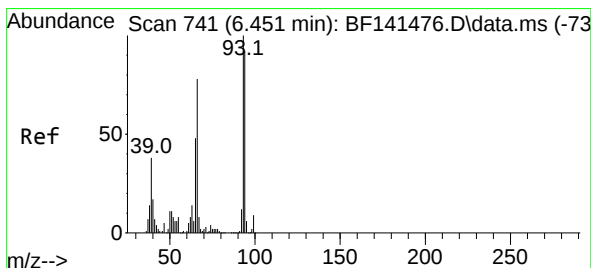
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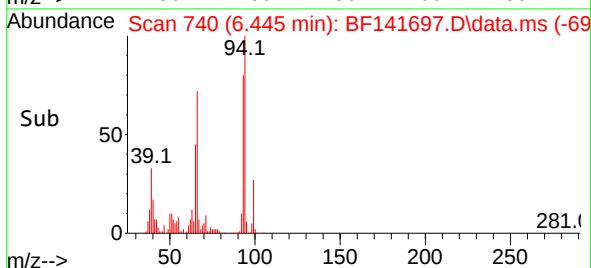
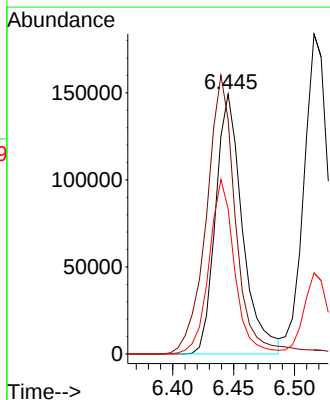
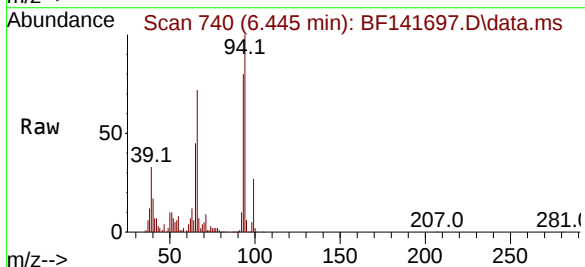
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#6
Aniline
Concen: 33.921 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

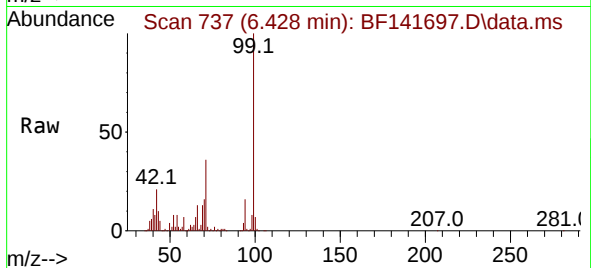
Tgt Ion: 93 Resp: 229522
Ion Ratio Lower Upper
93 100
66 90.2 62.6 94.0
65 55.9 38.3 57.5





#7
Phenol-d6
Concen: 124.007 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

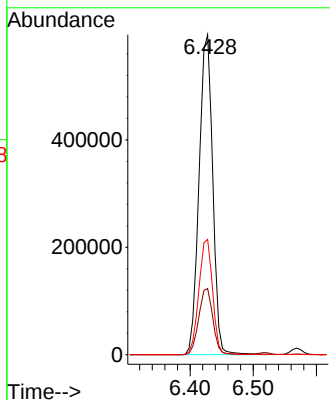
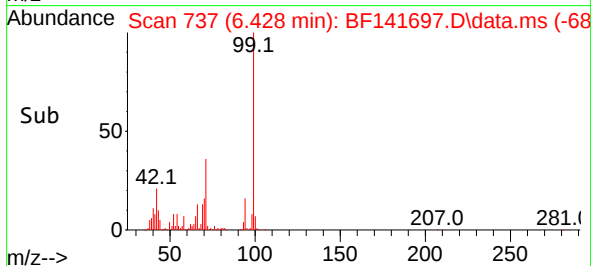
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Tgt Ion: 99 Resp: 894484
Ion Ratio Lower Upper
99 100
42 20.6 19.1 28.7
71 36.1 31.1 46.7

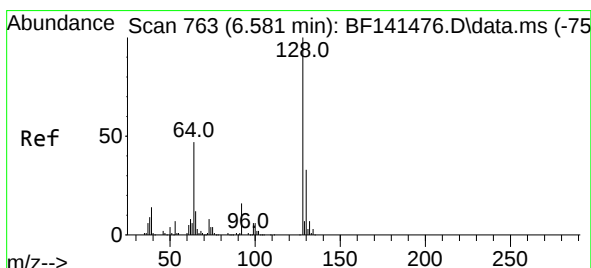
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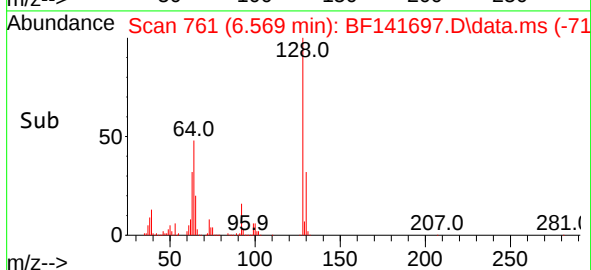
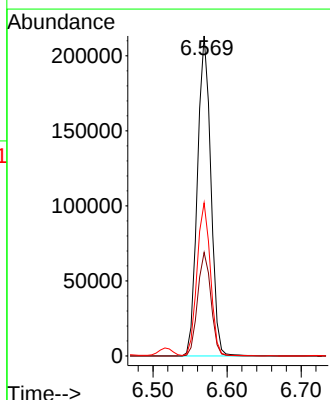
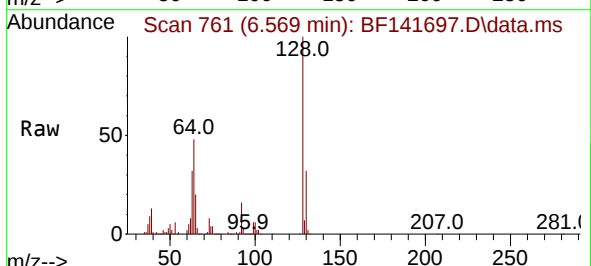
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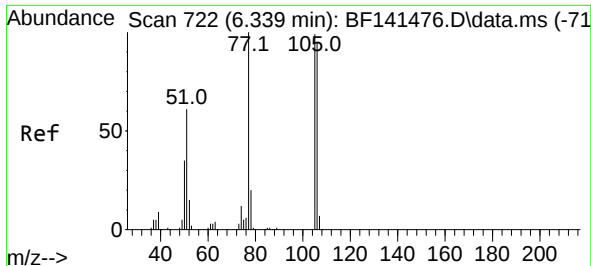
02/21/2025



#8
2-Chlorophenol
Concen: 43.369 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:128 Resp: 267441
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 47.8 28.3 68.3





#9

Benzaldehyde

Concen: 31.138 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141697.D

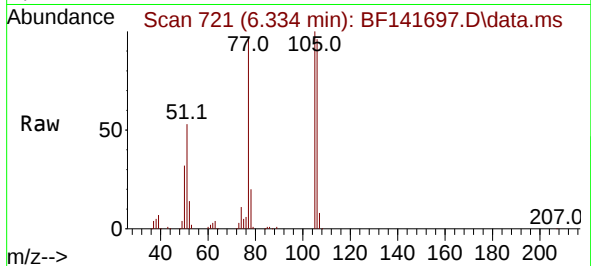
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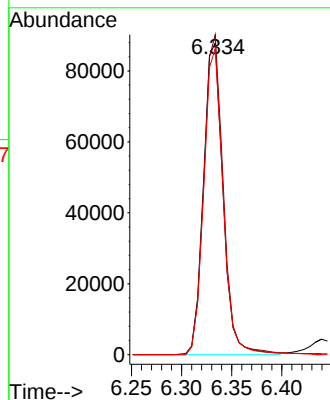
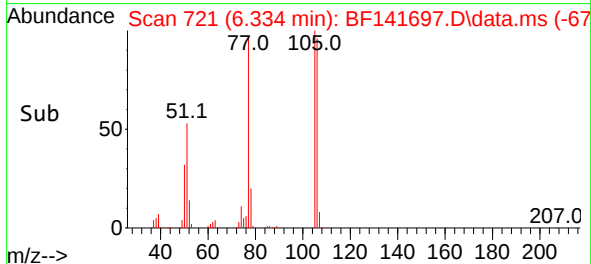
PB166772BS



Tgt Ion:	77	Resp:	119350
Ion	Ratio	Lower	Upper
77	100		
105	102.7	79.4	119.4
106	98.2	75.1	115.1

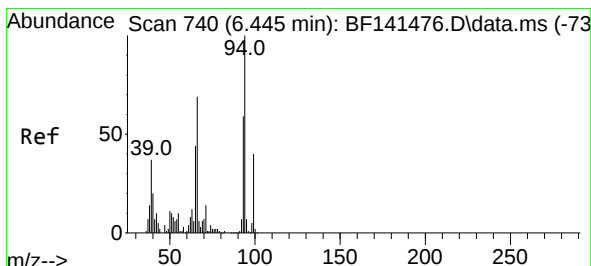
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02/21/2025
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Upadhyay

02/21/2025



#10

Phenol

Concen: 41.861 ng

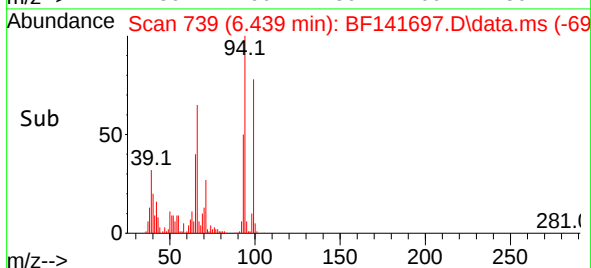
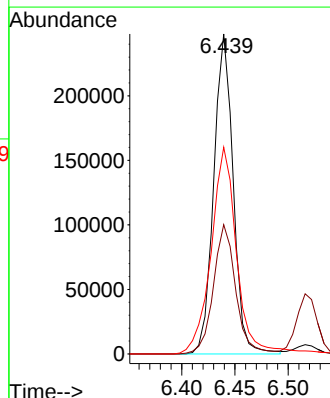
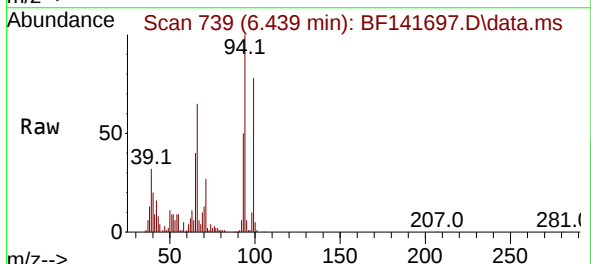
RT: 6.439 min Scan# 739

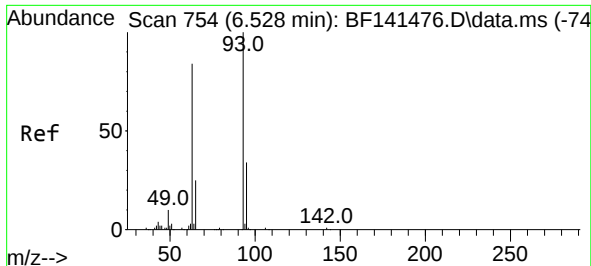
Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Tgt Ion:	94	Resp:	314270
Ion	Ratio	Lower	Upper
94	100		
65	40.4	23.7	63.7
66	64.6	49.3	89.3





#11

bis(2-Chloroethyl)ether

Concen: 44.747 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

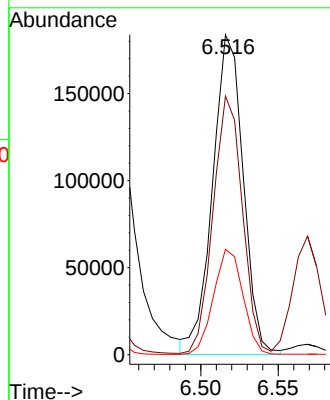
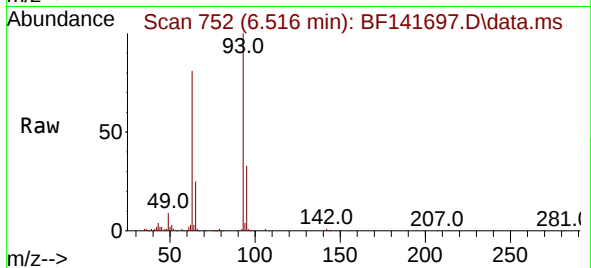
ClientSampleId :

PB166772BS

Tgt Ion: 93 Resp: 252320
 Ion Ratio Lower Upper
 93 100
 63 80.8 62.0 102.0
 95 33.0 12.6 52.6

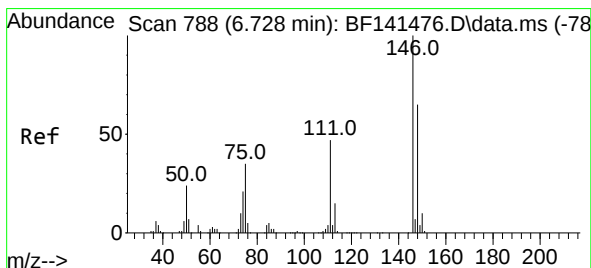
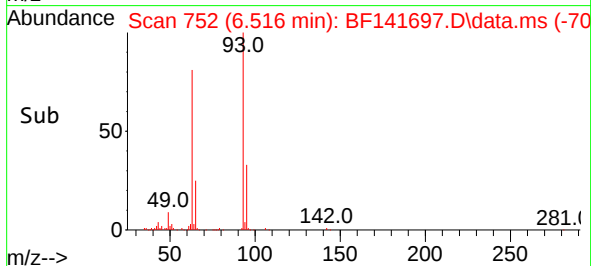
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#12

1,3-Dichlorobenzene

Concen: 43.706 ng

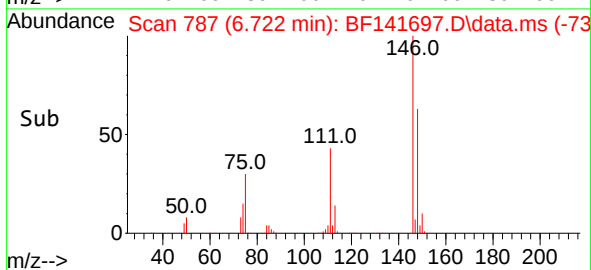
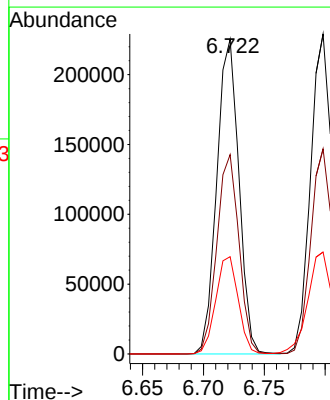
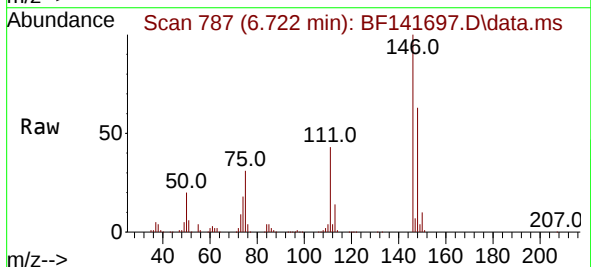
RT: 6.722 min Scan# 787

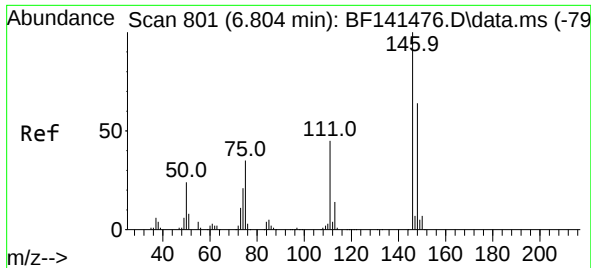
Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Tgt Ion:146 Resp: 284537
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.9 77.9
 75 30.9 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 43.194 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

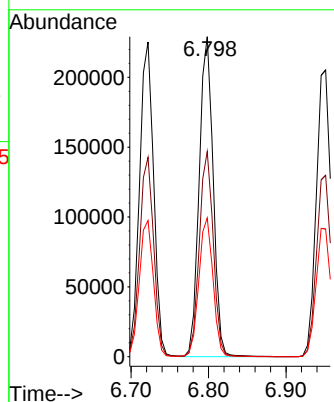
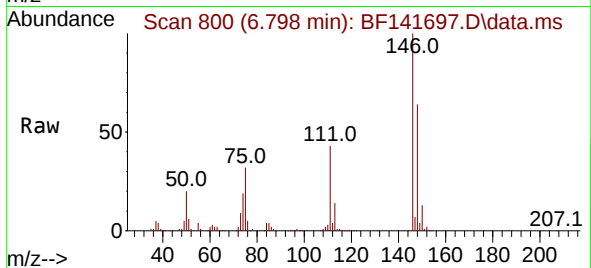
ClientSampleId :

PB166772BS

Tgt Ion:146 Resp: 287310
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 43.3 35.9 53.9

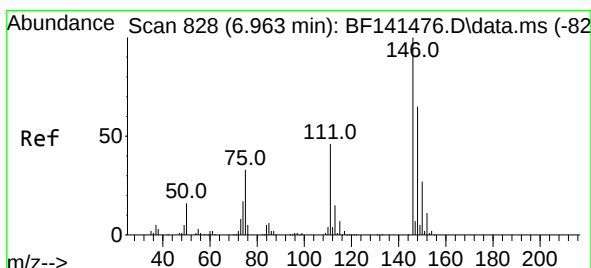
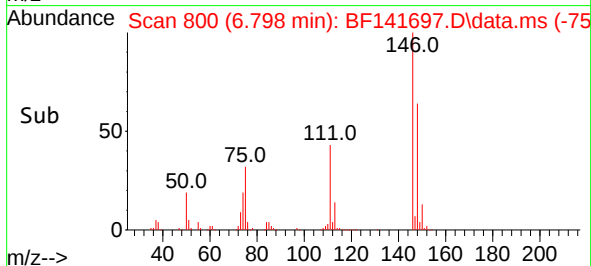
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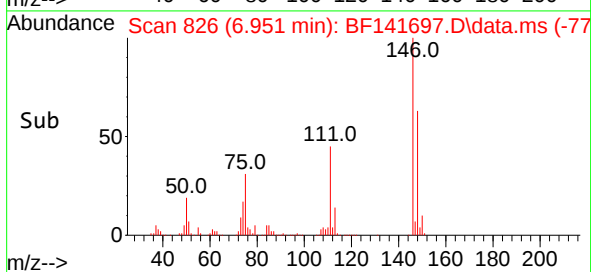
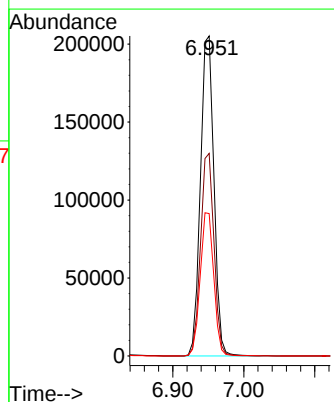
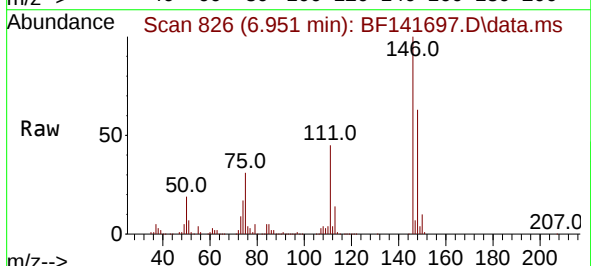
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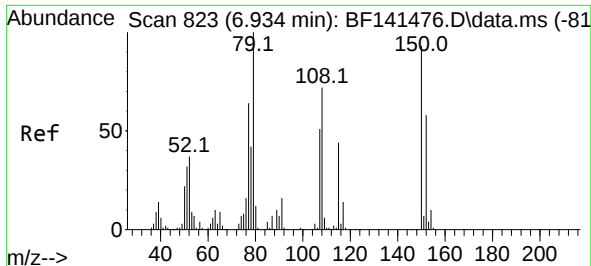
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#14
1,2-Dichlorobenzene
Concen: 44.105 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

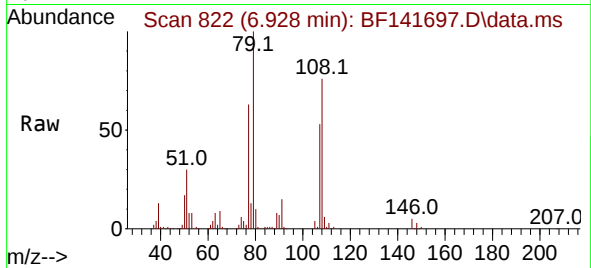
Tgt Ion:146 Resp: 272279
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
111 44.5 37.0 55.4





#15
Benzyl Alcohol
Concen: 40.132 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

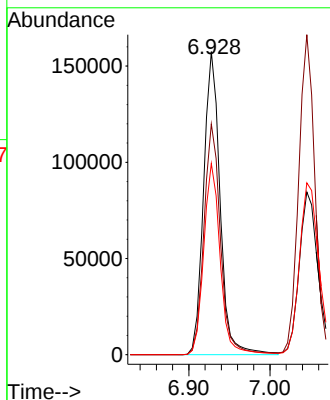
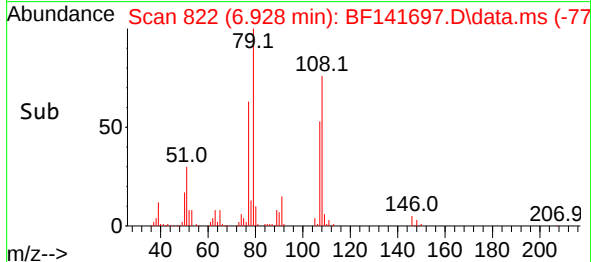
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion: 79 Resp: 22198
Ion Ratio Lower Upper
79 100
108 76.2 57.4 86.2
77 63.1 50.9 76.3

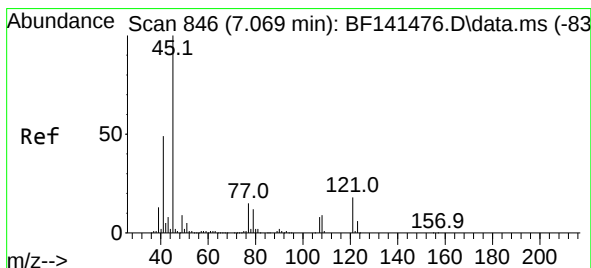
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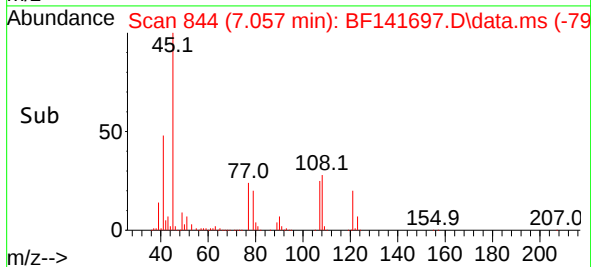
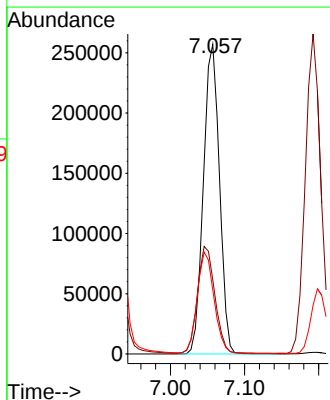
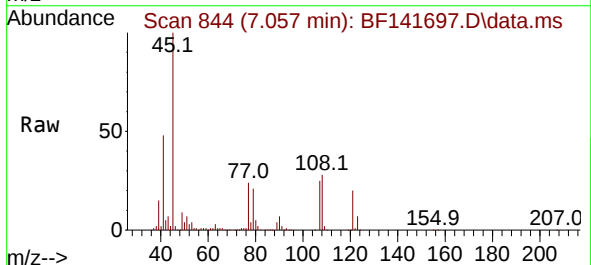
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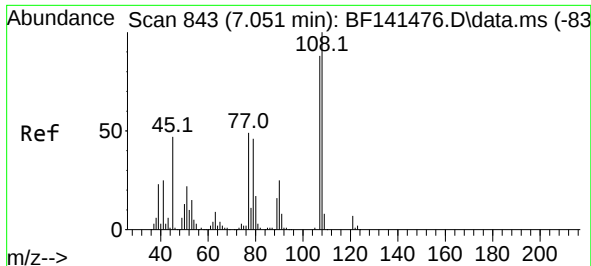
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.053 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

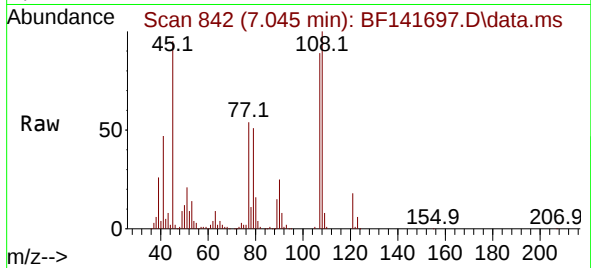
Tgt Ion: 45 Resp: 386626
Ion Ratio Lower Upper
45 100
77 24.0 0.0 35.8
79 20.8 0.0 32.7





#17
2-Methylphenol
Concen: 42.748 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

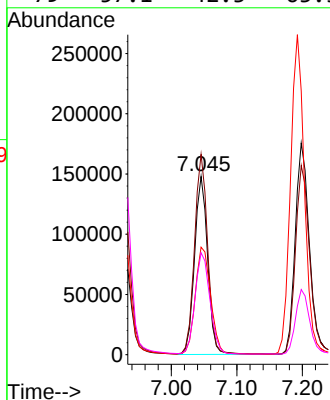
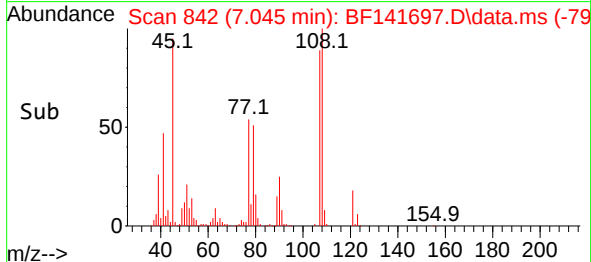
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:107 Resp: 20629
Ion Ratio Lower Upper
107 100
108 112.4 90.6 136.0
77 60.3 44.4 66.6
79 57.1 42.3 63.5

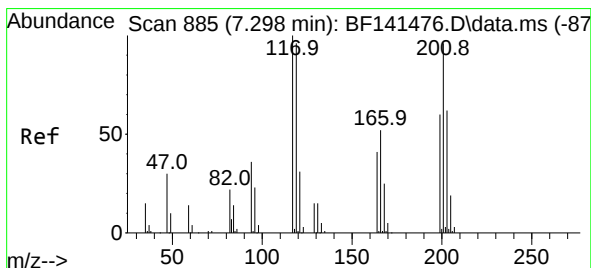
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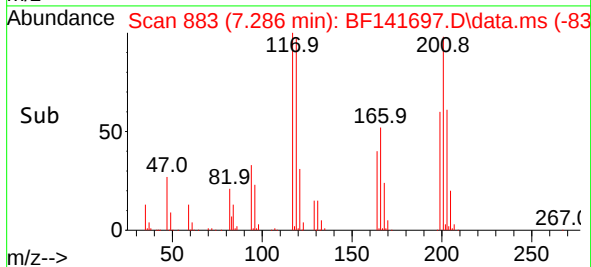
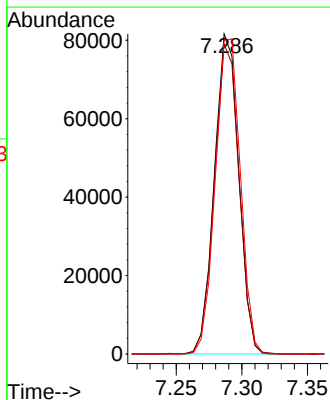
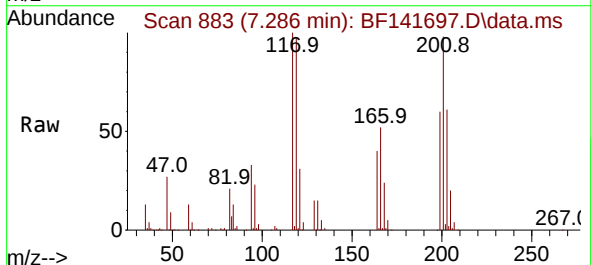
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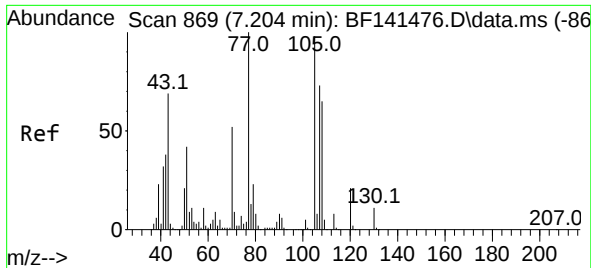
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#18
Hexachloroethane
Concen: 42.842 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:117 Resp: 105464
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
201 98.0 76.7 115.1





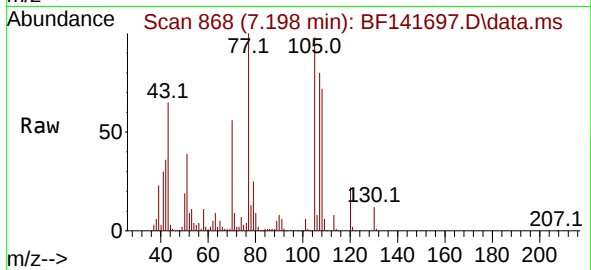
#19
n-Nitroso-di-n-propylamine
Concen: 41.956 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

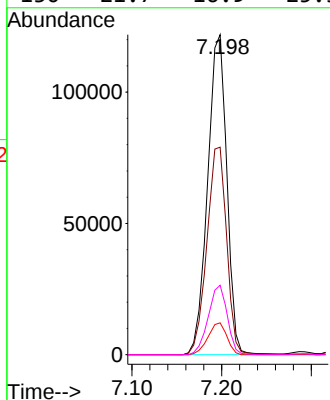
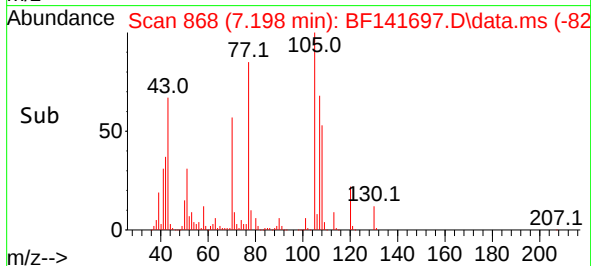
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Tgt Ion: 70 Resp: 18102
Ion Ratio Lower Upper
70 100
42 64.8 57.4 86.2
101 9.9 8.0 12.0
130 21.7 16.9 25.3

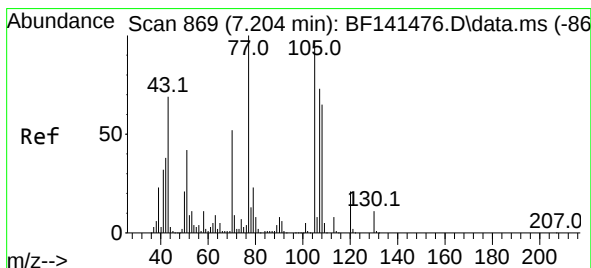
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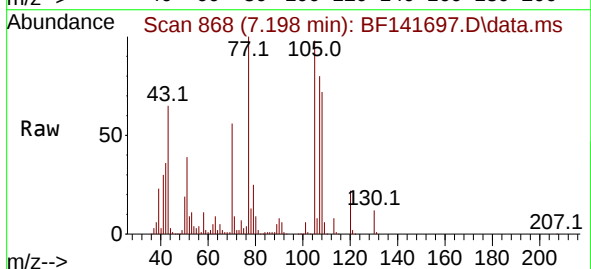


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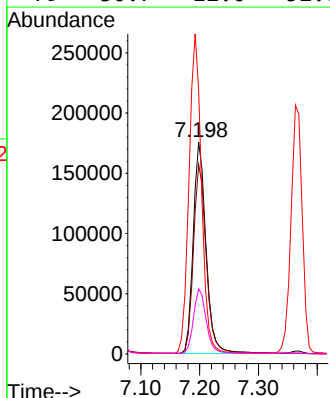
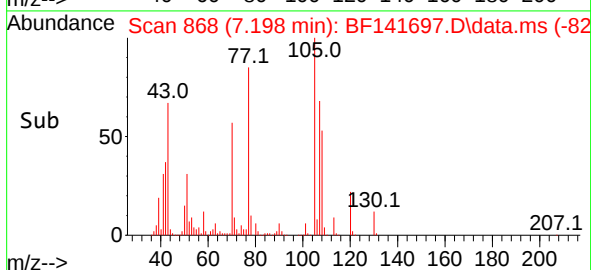
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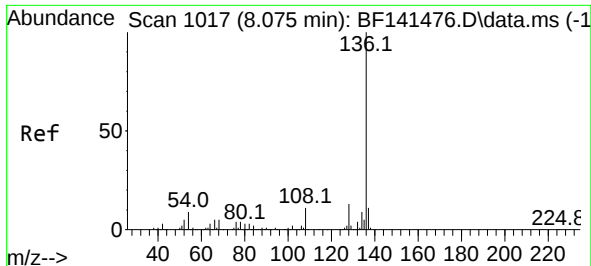


#20
3+4-Methylphenols
Concen: 43.316 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



Tgt Ion:107 Resp: 265647
Ion Ratio Lower Upper
107 100
108 89.4 68.5 108.5
77 124.5 116.5 156.5
79 30.7 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

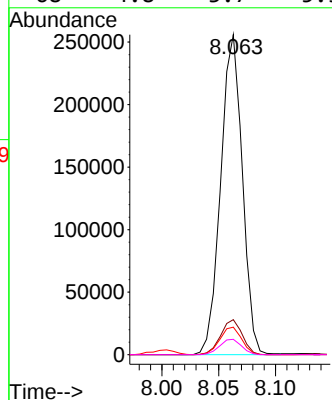
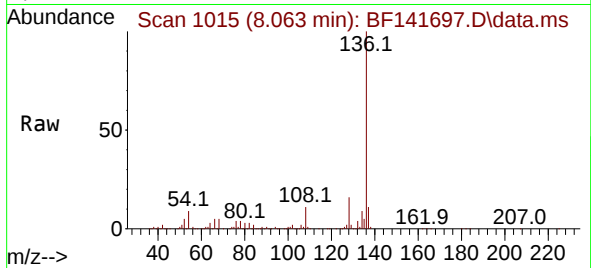
ClientSampleId :

PB166772BS

Tgt Ion:136 Resp: 33986
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.2 10.8
68 4.8 3.7 5.5

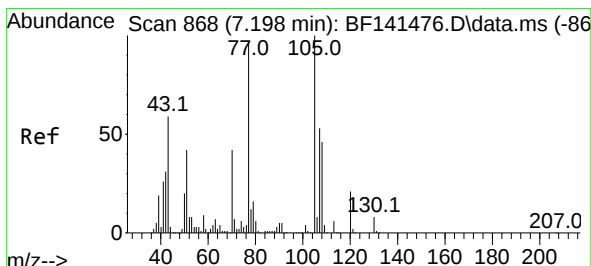
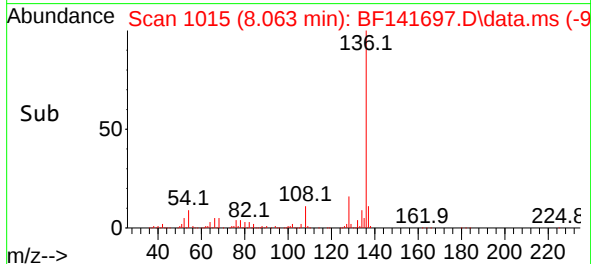
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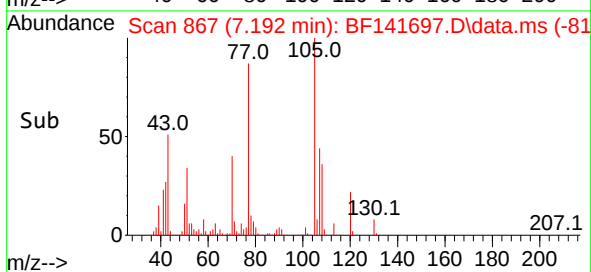
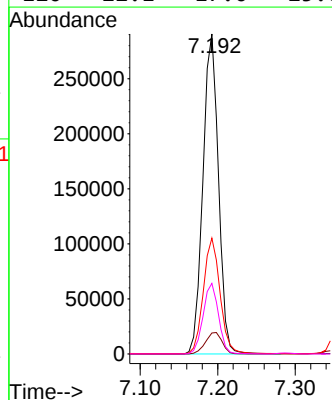
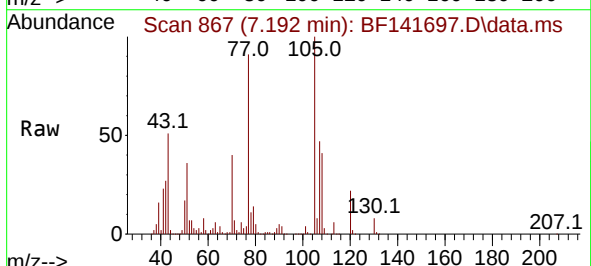
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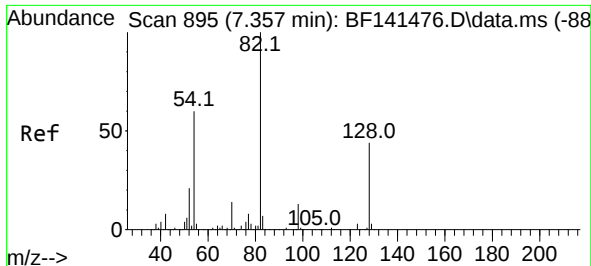
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#22
Acetophenone
Concen: 47.850 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:105 Resp: 404534
Ion Ratio Lower Upper
105 100
71 6.5 5.7 8.5
51 36.2 33.7 50.5
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.359 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

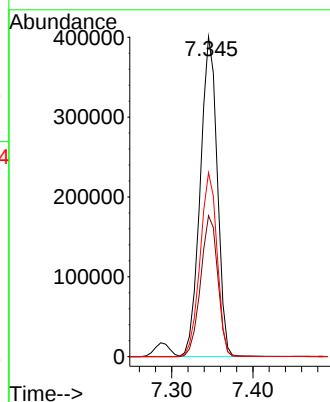
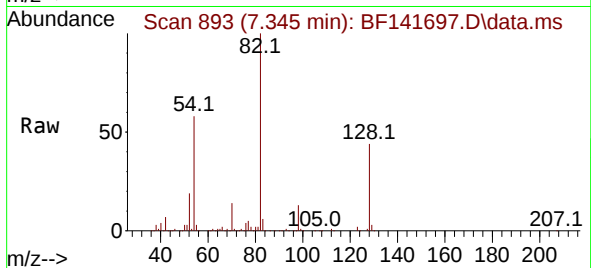
PB166772BS

Tgt Ion: 82 Resp: 58225

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.8	52.2
54	57.5	48.2	72.4

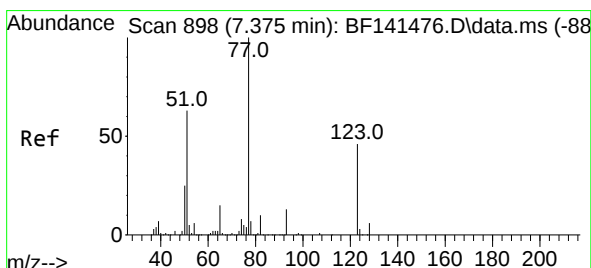
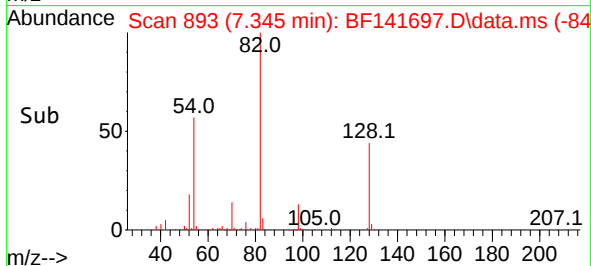
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#24

Nitrobenzene

Concen: 43.229 ng

RT: 7.363 min Scan# 896

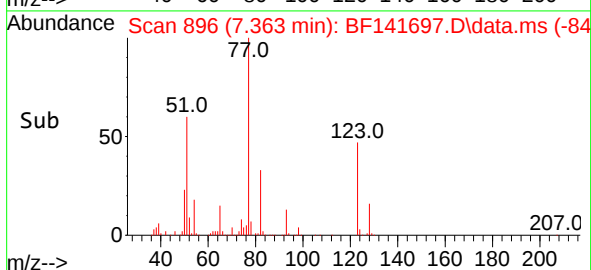
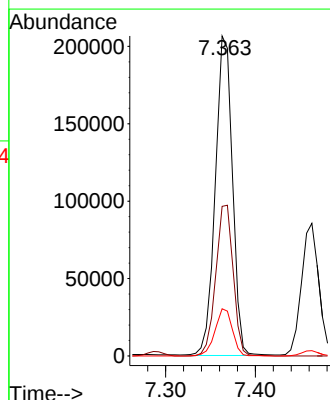
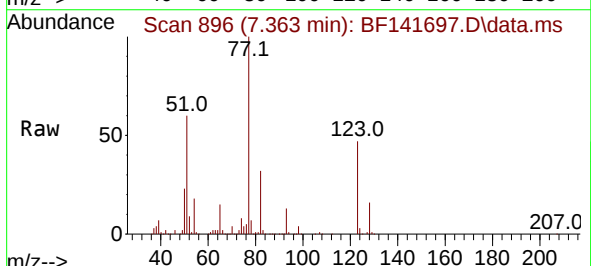
Delta R.T. -0.018 min

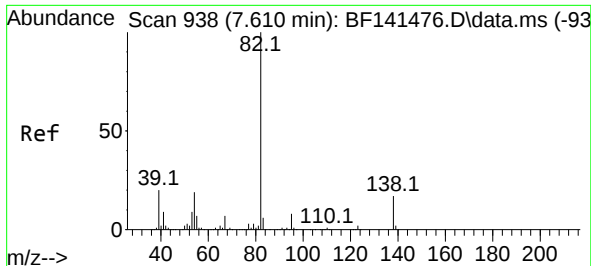
Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Tgt Ion: 77 Resp: 274673

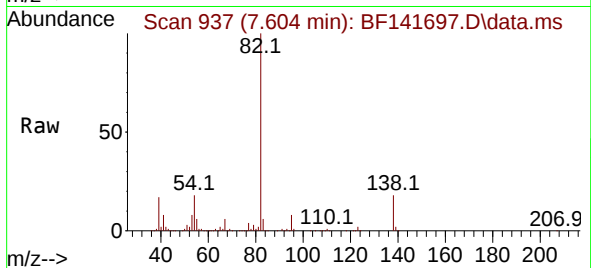
Ion	Ratio	Lower	Upper
77	100		
123	46.7	36.9	55.3
65	14.8	11.9	17.9





#25
Isophorone
Concen: 46.563 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

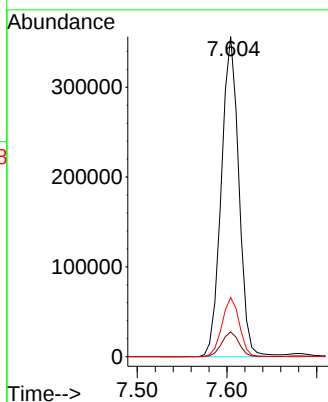
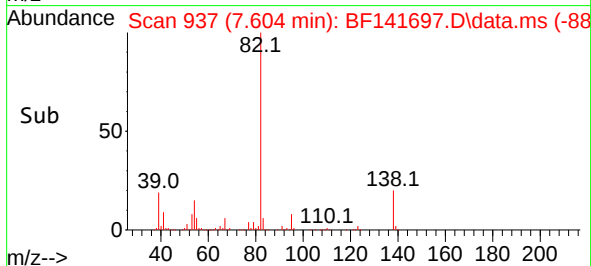
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion: 82 Resp: 48376
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.5 13.9 20.9

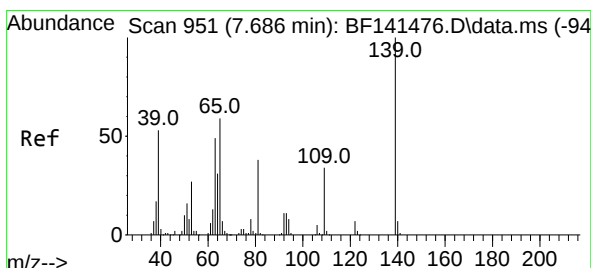
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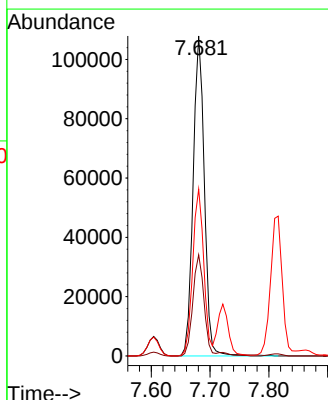
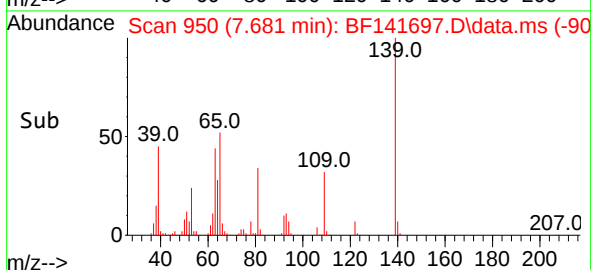
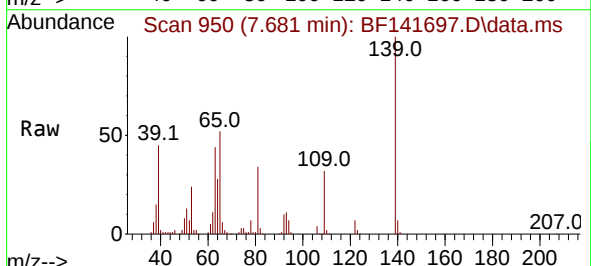
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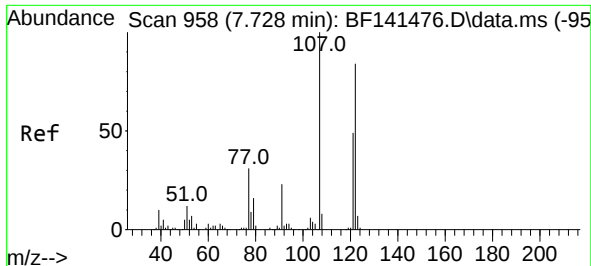
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#26
2-Nitrophenol
Concen: 45.458 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:139 Resp: 143699
Ion Ratio Lower Upper
139 100
109 31.6 27.0 40.6
65 52.1 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 56.382 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

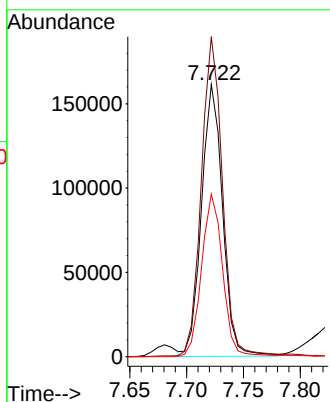
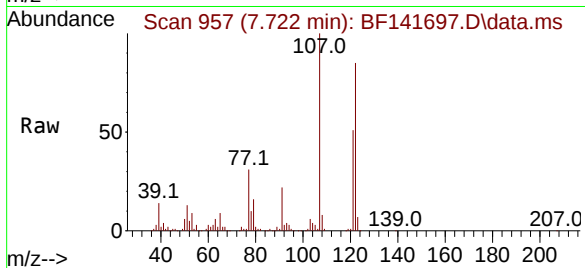
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PB166772BS

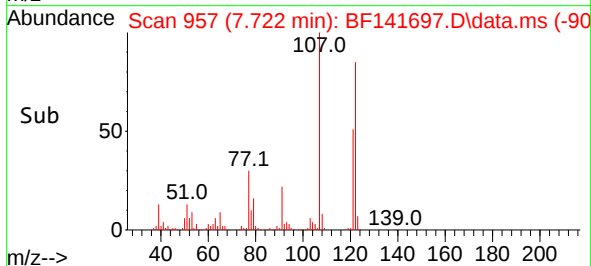
Tgt Ion:122 Resp: 208210
Ion Ratio Lower Upper
122 100
107 117.6 94.3 141.5
121 59.7 46.0 69.0

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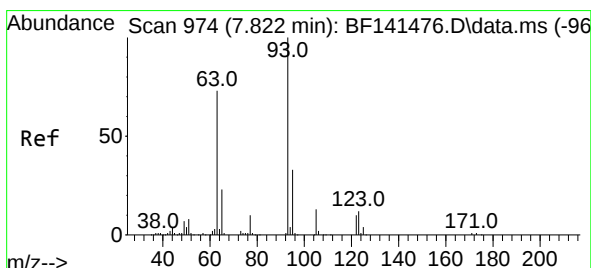
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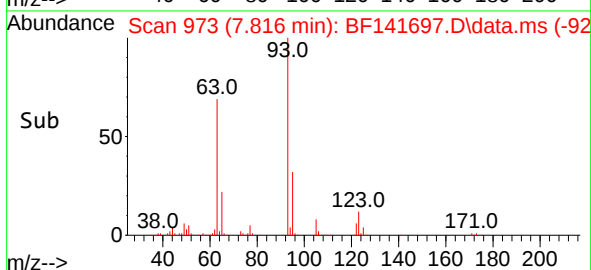
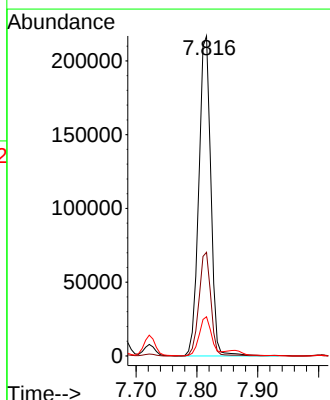
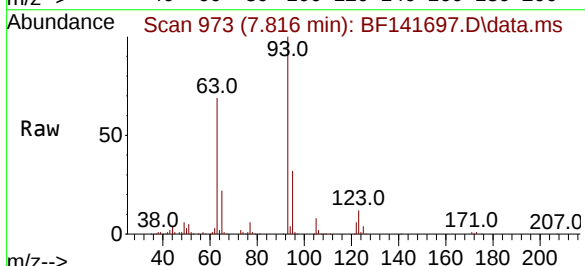


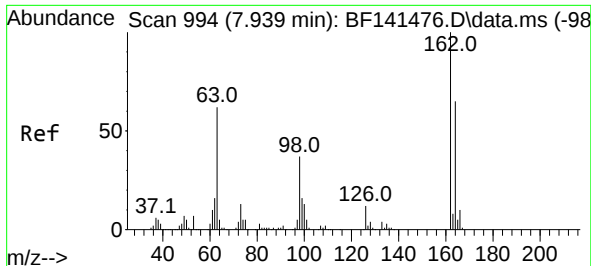
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#28
bis(2-Chloroethoxy)methane
Concen: 44.640 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion: 93 Resp: 297186
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 12.3 9.5 14.3





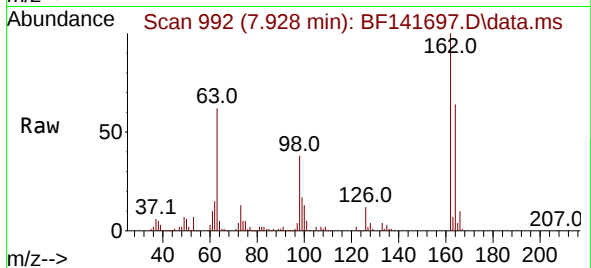
#29
2,4-Dichlorophenol
Concen: 44.475 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

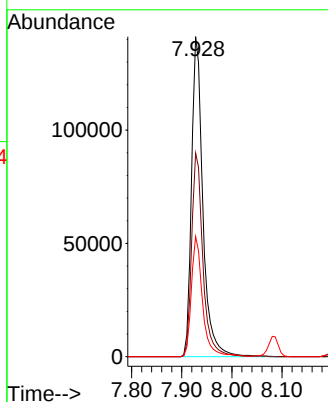
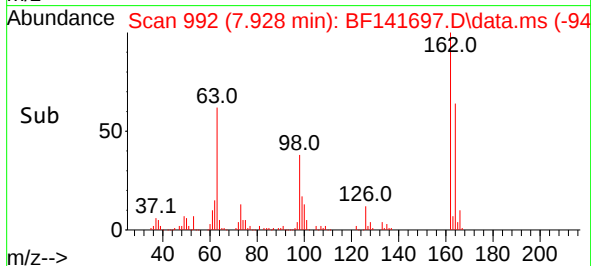
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Tgt Ion:162 Resp: 22191
Ion Ratio Lower Upper
162 100
164 63.7 44.6 84.6
98 37.5 17.2 57.2

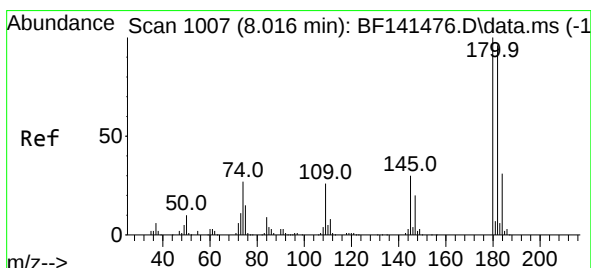
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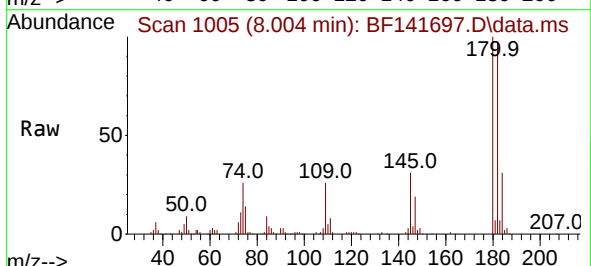


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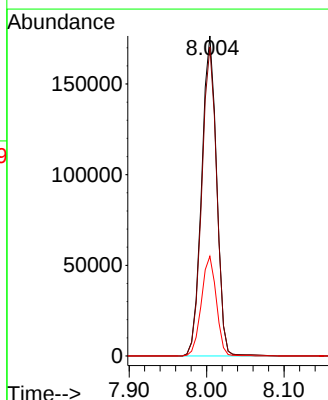
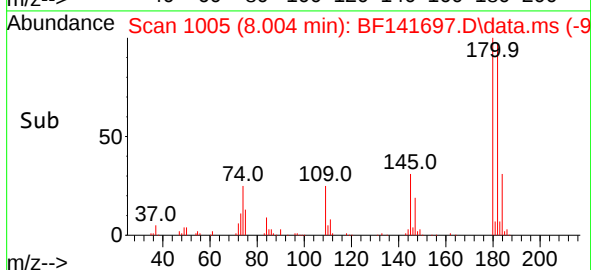
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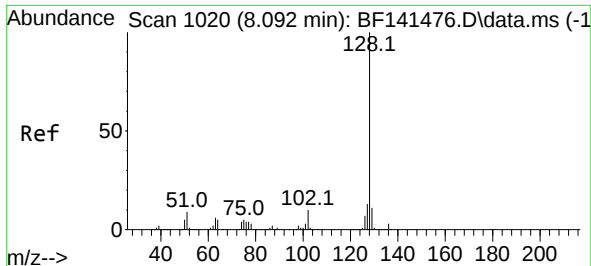


#30
1,2,4-Trichlorobenzene
Concen: 43.498 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



Tgt Ion:180 Resp: 236353
Ion Ratio Lower Upper
180 100
182 96.6 76.8 115.2
145 31.2 24.2 36.4





#31
Naphthalene
Concen: 42.740 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

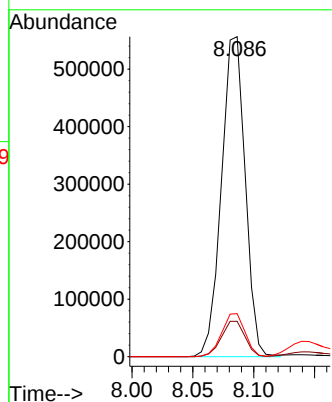
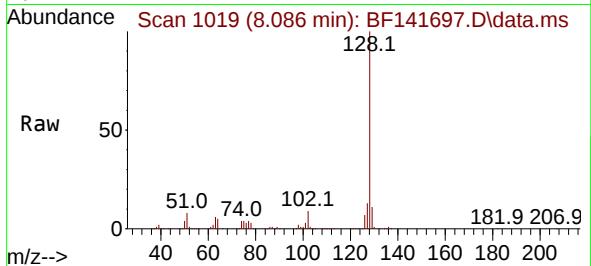
ClientSampleId :

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Tgt Ion:128 Resp: 75612
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1

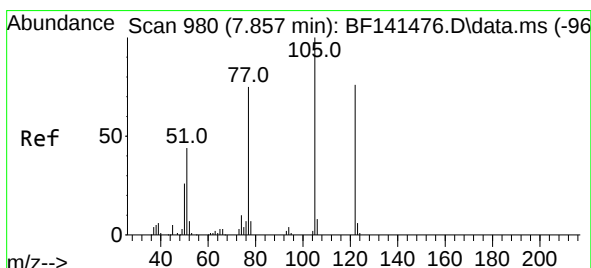
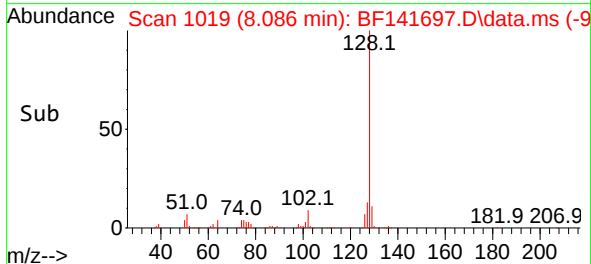
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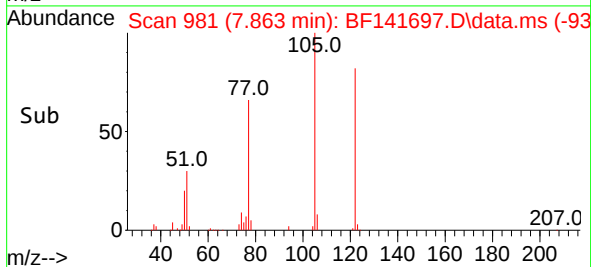
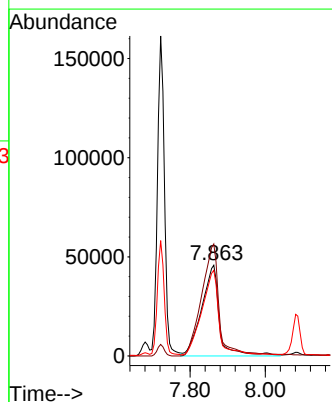
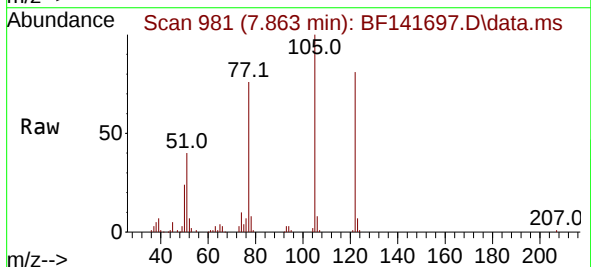
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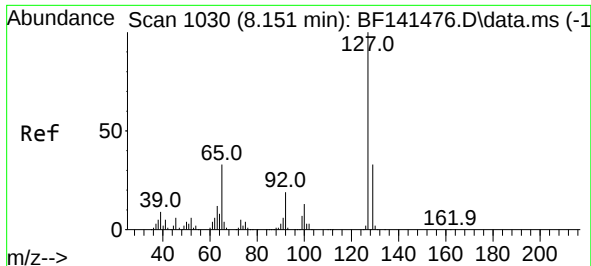
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#32
Benzoic acid
Concen: 39.438 ng m
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:122 Resp: 151281
Ion Ratio Lower Upper
122 100
105 123.5 106.5 146.5
77 94.4 76.3 116.3





#33
4-Chloroaniline
Concen: 12.602 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

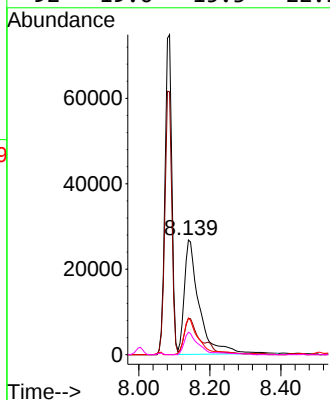
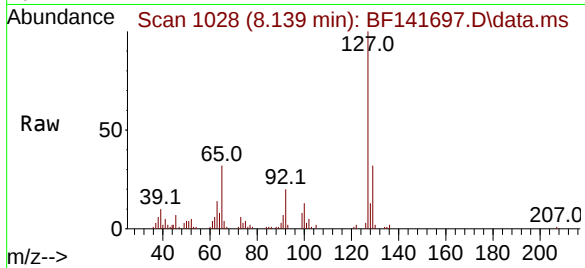
ClientSampleId :

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Tgt Ion:127 Resp: 77839
Ion Ratio Lower Upper
127 100
129 31.6 26.5 39.7
65 31.9 26.4 39.6
92 19.6 15.3 22.9

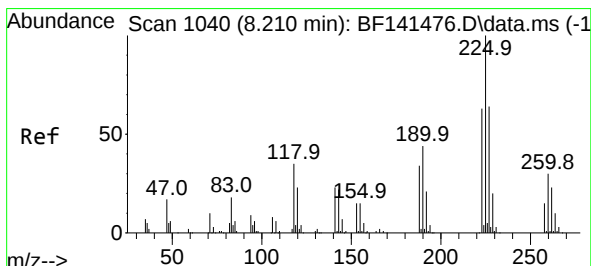
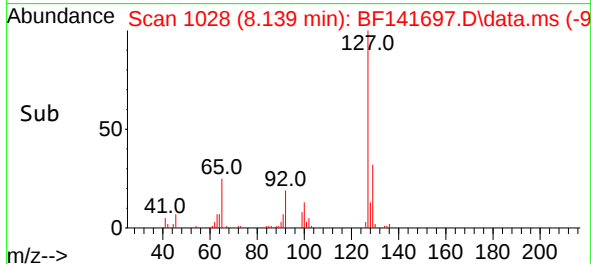
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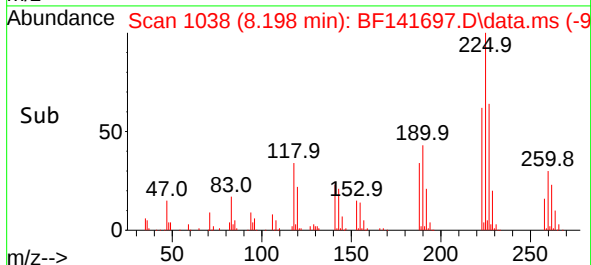
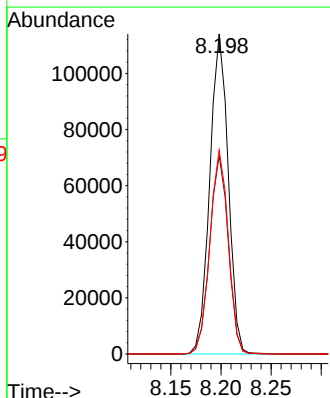
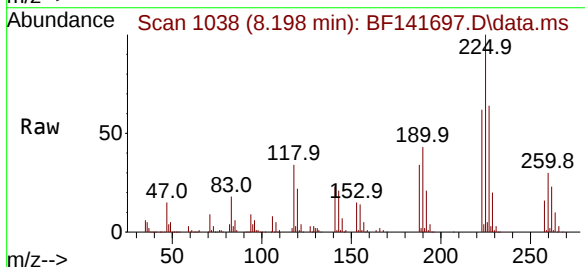
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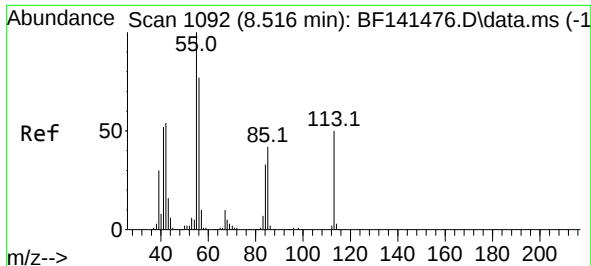
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#34
Hexachlorobutadiene
Concen: 44.749 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:225 Resp: 145970
Ion Ratio Lower Upper
225 100
223 62.0 50.1 75.1
227 63.7 51.0 76.6





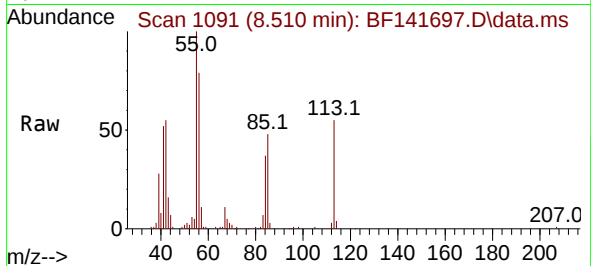
#35
Caprolactam
Concen: 46.446 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

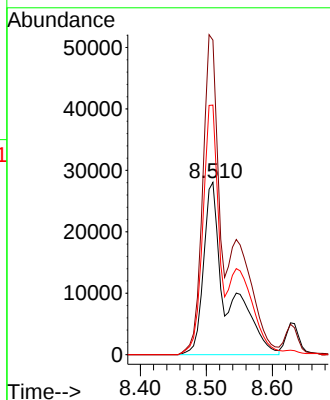
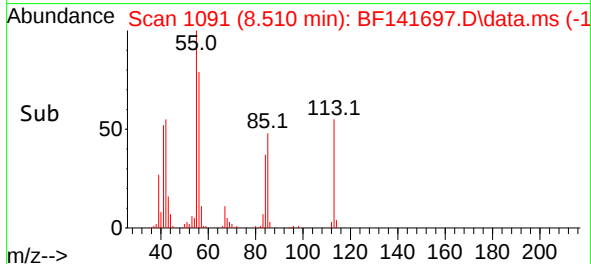
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Tgt Ion:113 Resp: 7056
Ion Ratio Lower Upper
113 100
55 182.6 180.8 220.8
56 144.9 133.6 173.6

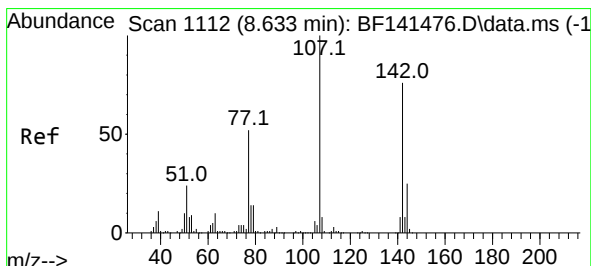
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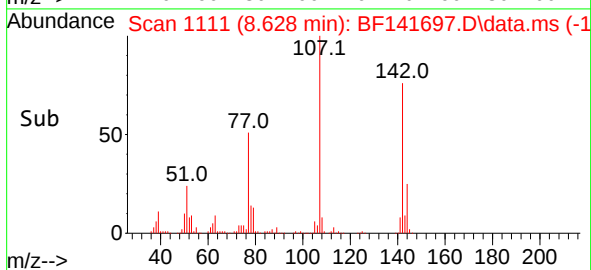
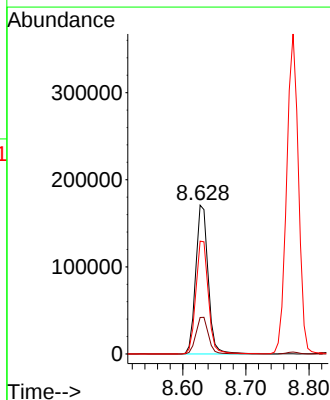
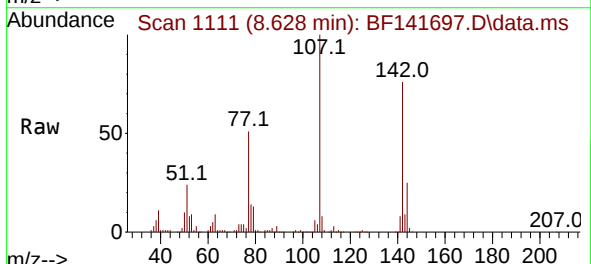
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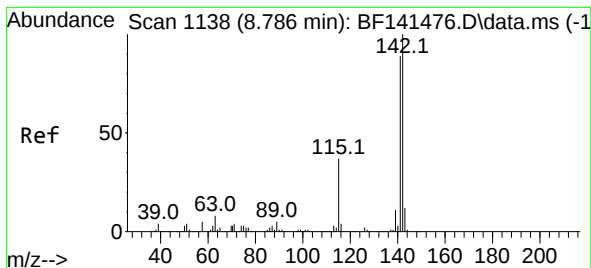
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#36
4-Chloro-3-methylphenol
Concen: 42.307 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:107 Resp: 233838
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 75.8 60.8 91.2





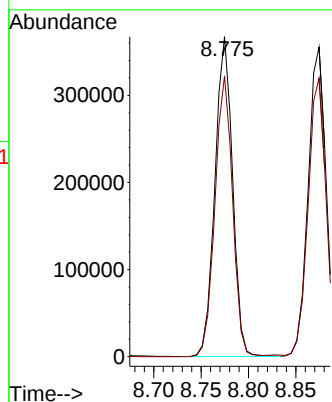
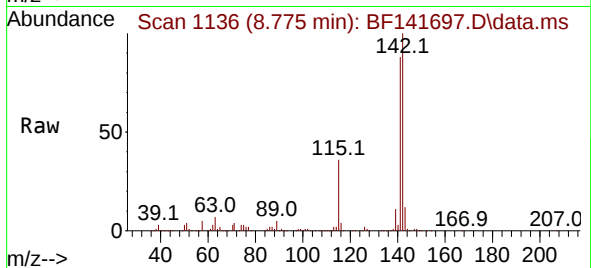
#37
2-Methylnaphthalene
Concen: 41.278 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :
BNA_F
ClientSampleId :
PB166772BS

Tgt Ion:142 Resp: 475194
Ion Ratio Lower Upper
142 100
141 87.8 71.2 106.8

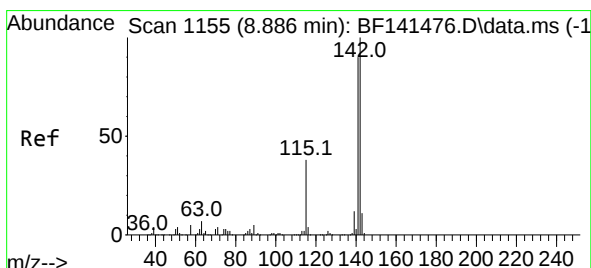
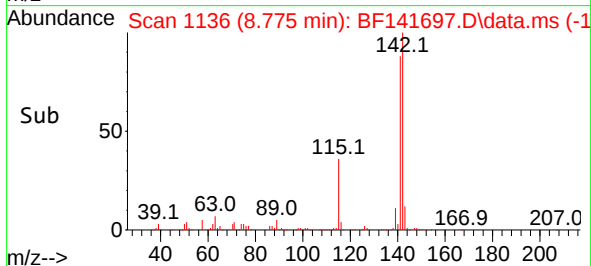
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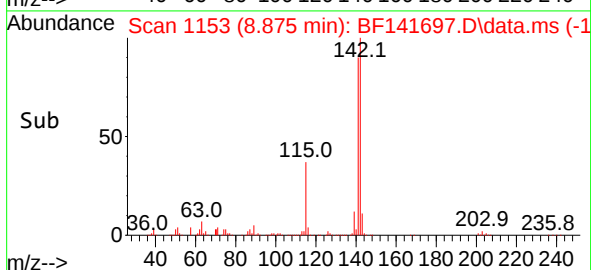
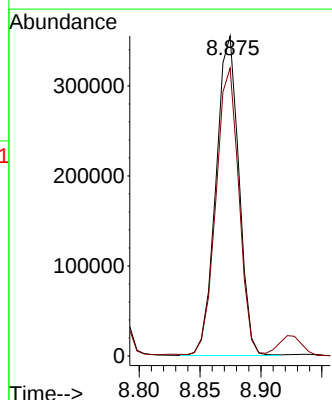
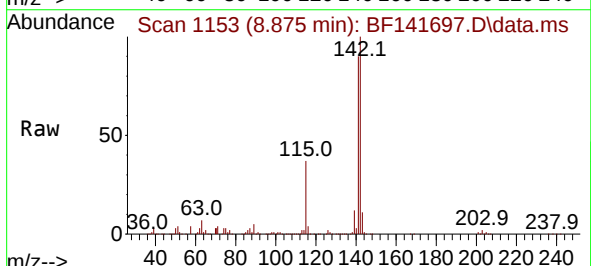
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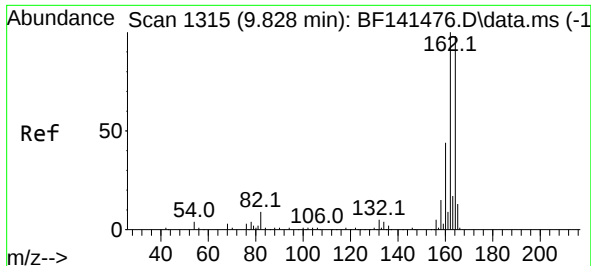
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#38
1-Methylnaphthalene
Concen: 41.752 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

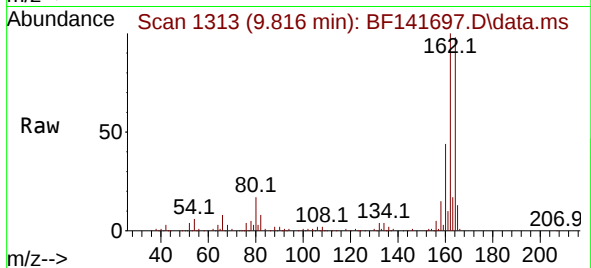
Tgt Ion:142 Resp: 465525
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

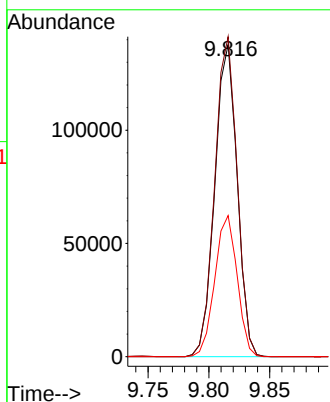
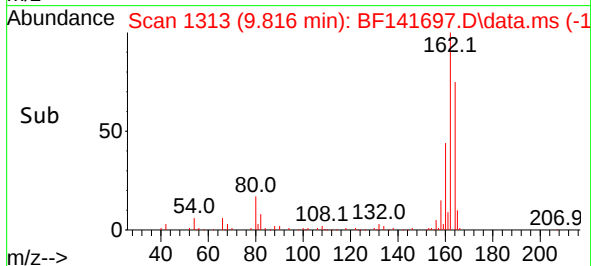
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:164 Resp: 175998
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.2 35.9 53.9

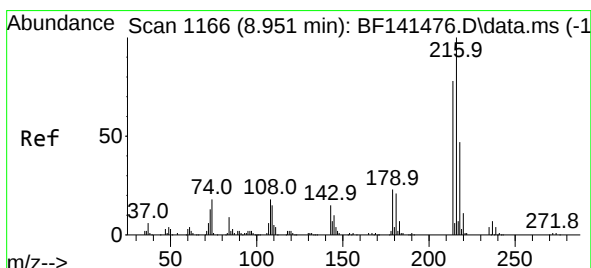
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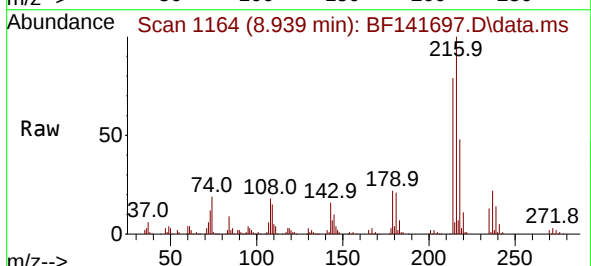


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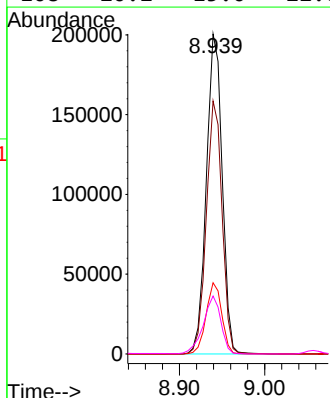
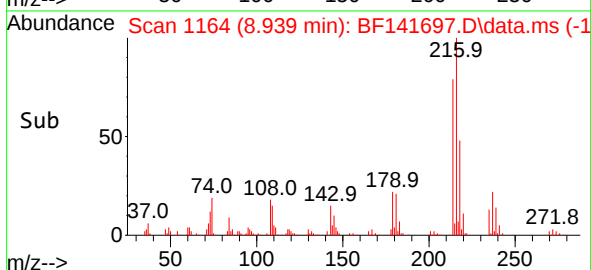
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.776 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



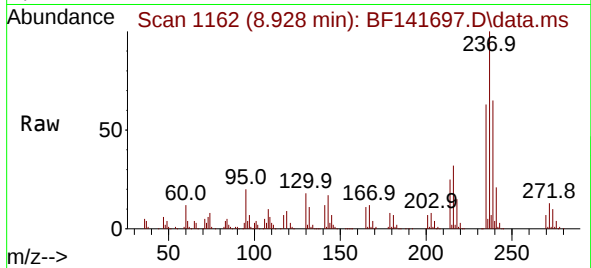
Tgt Ion:216 Resp: 258543
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 22.1 18.0 27.0
108 20.2 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 139.404 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

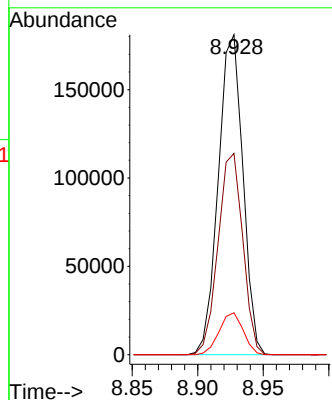
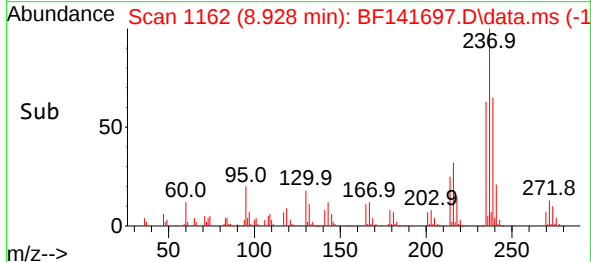
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:237 Resp: 236093
Ion Ratio Lower Upper
237 100
235 62.9 41.4 81.4
272 13.1 0.0 32.4

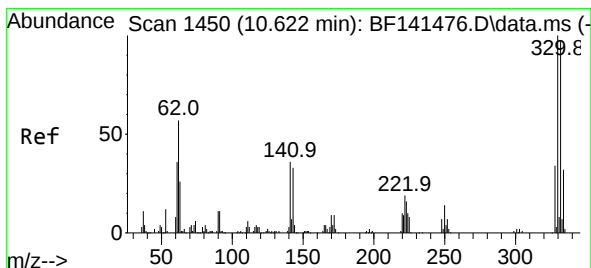
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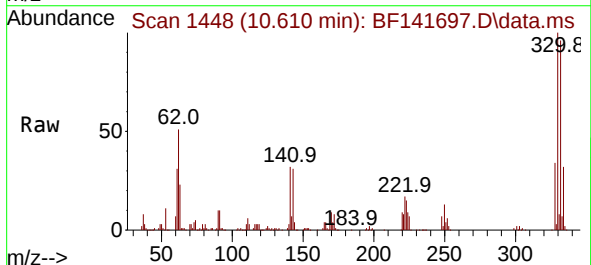


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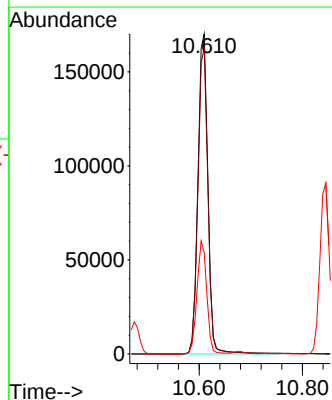
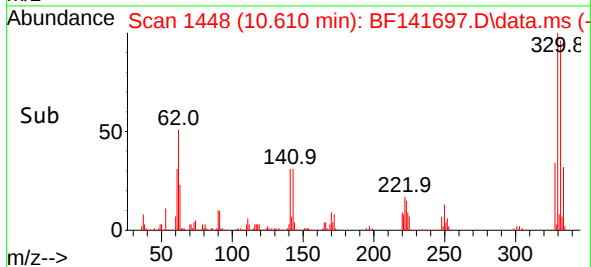
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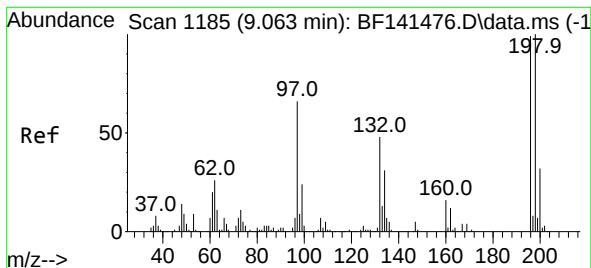


#42
2,4,6-Tribromophenol
Concen: 129.300 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



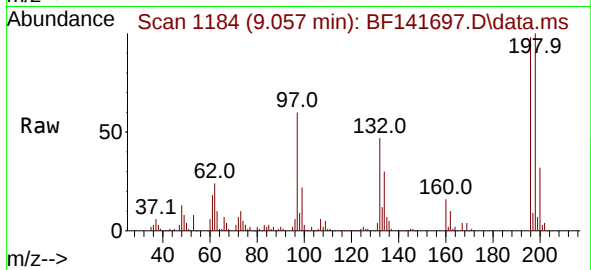
Tgt Ion:330 Resp: 228600
Ion Ratio Lower Upper
330 100
332 95.6 78.5 117.7
141 34.6 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 44.590 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

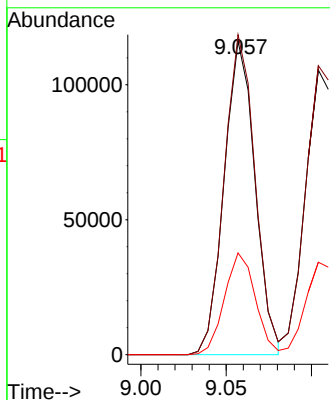
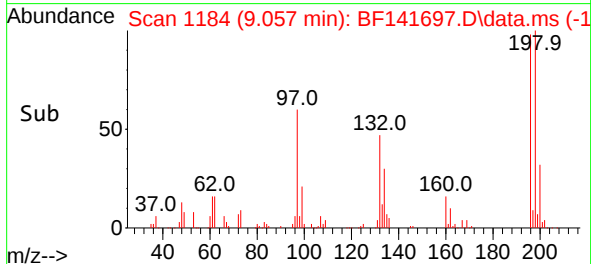
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:196 Resp: 146744
Ion Ratio Lower Upper
196 100
198 102.1 80.6 121.0
200 32.5 25.5 38.3

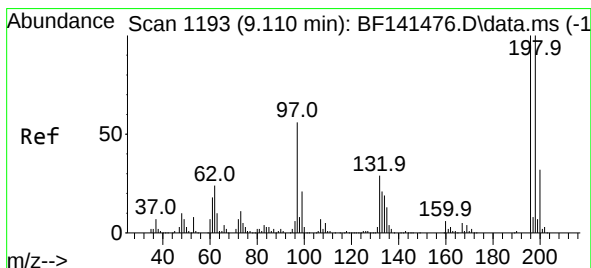
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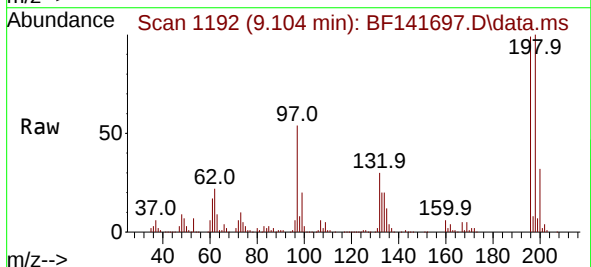


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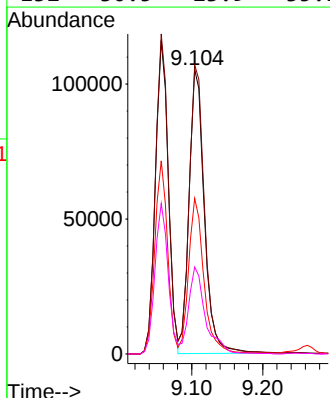
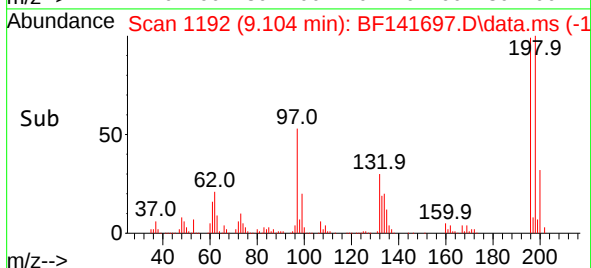
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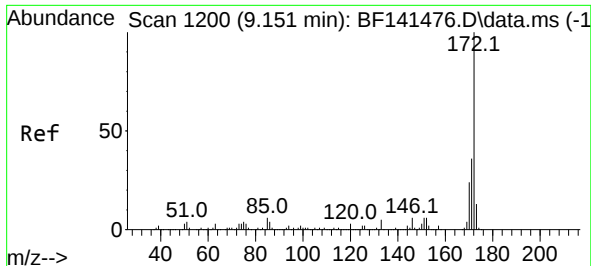


#44
2,4,5-Trichlorophenol
Concen: 44.167 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



Tgt Ion:196 Resp: 157526
Ion Ratio Lower Upper
196 100
198 101.5 79.8 119.8
97 54.7 44.8 67.2
132 30.5 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 94.571 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

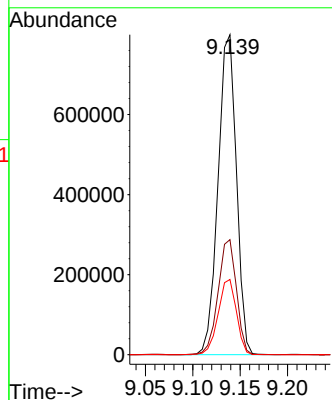
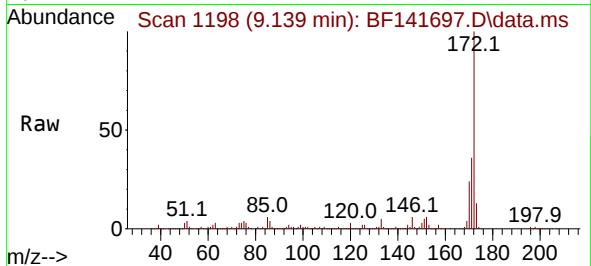
ClientSampleId :

PB166772BS

Tgt Ion:172 Resp: 1080350
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.5 18.9 28.3

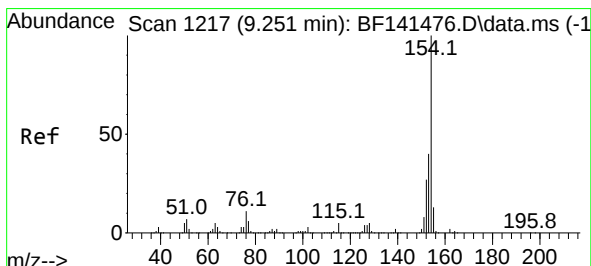
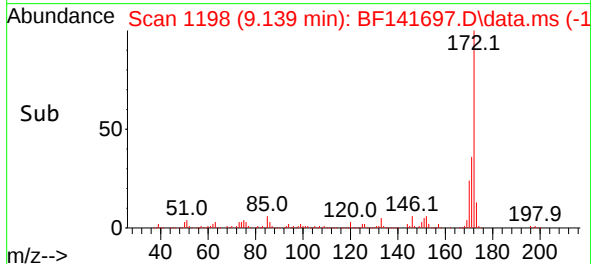
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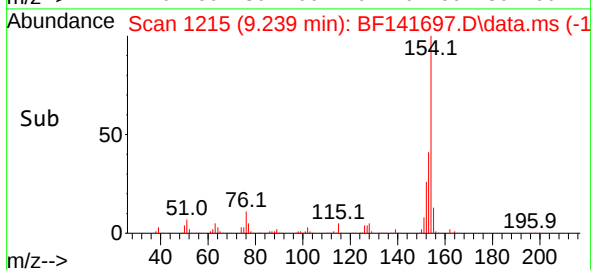
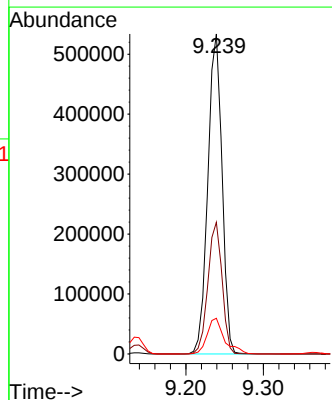
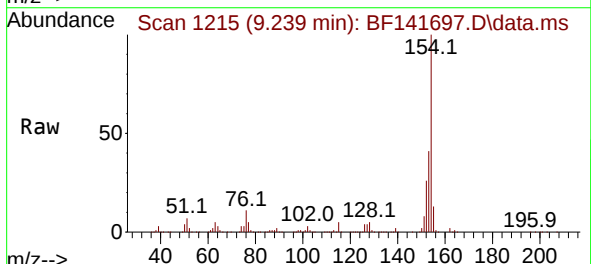
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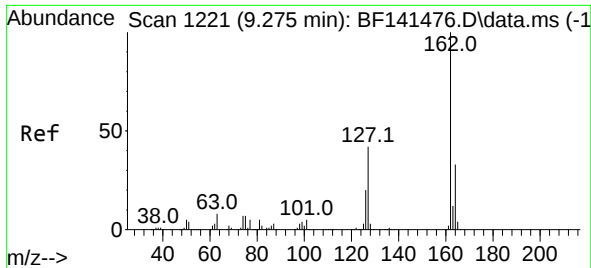
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#46
1,1'-Biphenyl
Concen: 49.743 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:154 Resp: 678732
Ion Ratio Lower Upper
154 100
153 41.2 20.4 60.4
76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 46.106 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

Tgt Ion:162 Resp: 465210

Ion Ratio Lower Upper

162 100

127 41.9 34.1 51.1

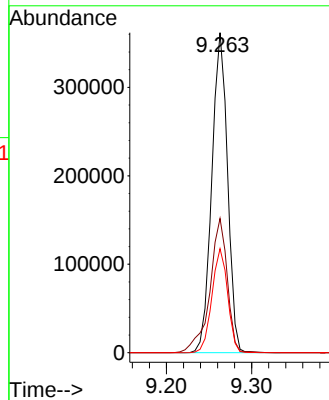
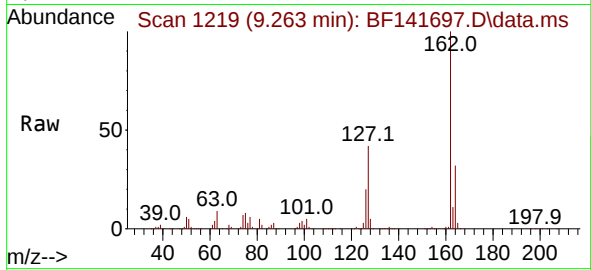
164 32.5 26.3 39.5

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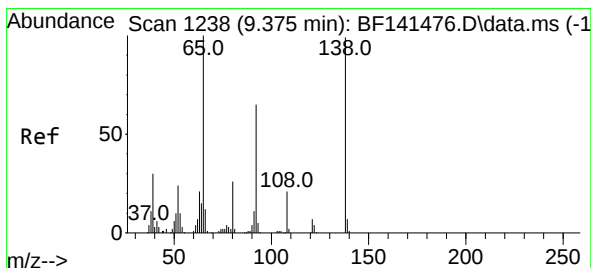
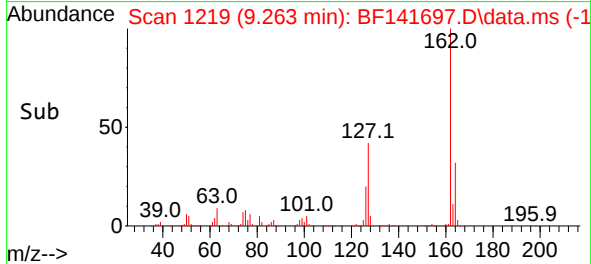
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#48

2-Nitroaniline

Concen: 43.340 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

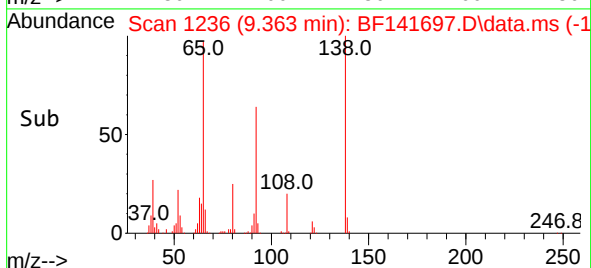
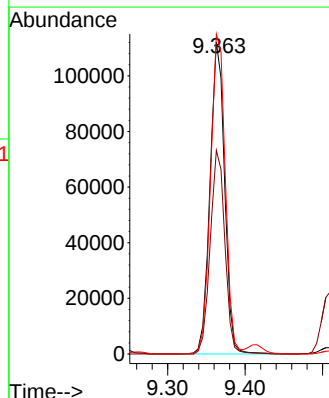
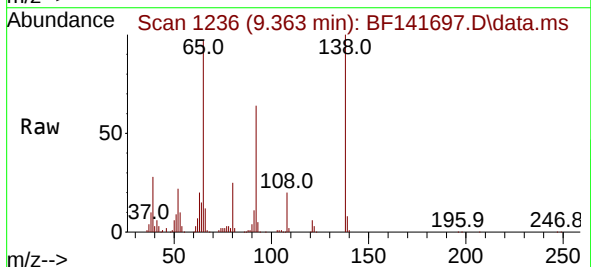
Tgt Ion: 65 Resp: 146756

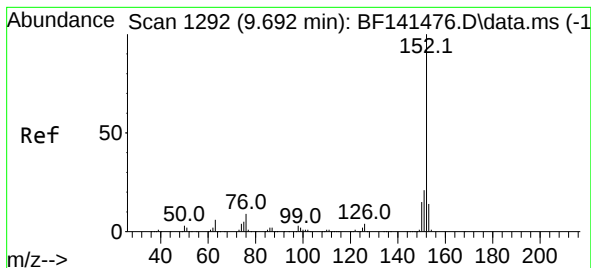
Ion Ratio Lower Upper

65 100

92 65.3 52.2 78.2

138 102.6 79.5 119.3





#49

Acenaphthylene

Concen: 46.498 ng

RT: 9.675 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141697.D

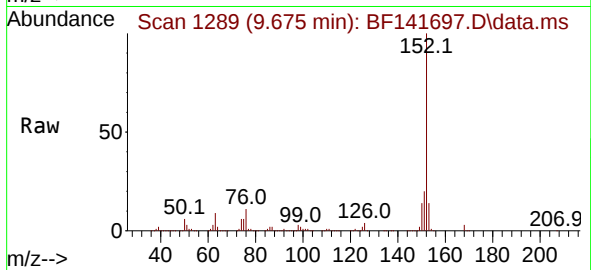
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS



Tgt Ion:152 Resp: 697830

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

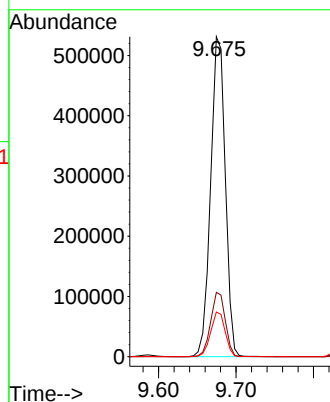
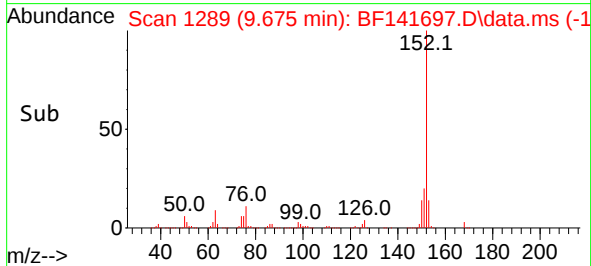
153 14.0 10.9 16.3

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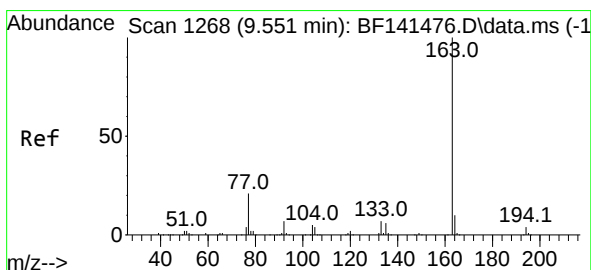
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#50

Dimethylphthalate

Concen: 45.507 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

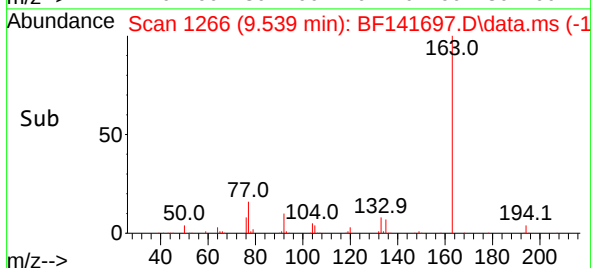
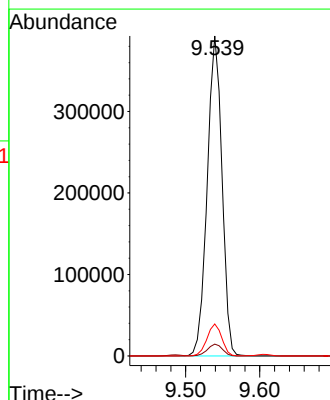
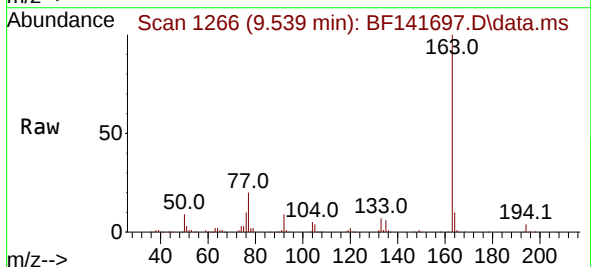
Tgt Ion:163 Resp: 543725

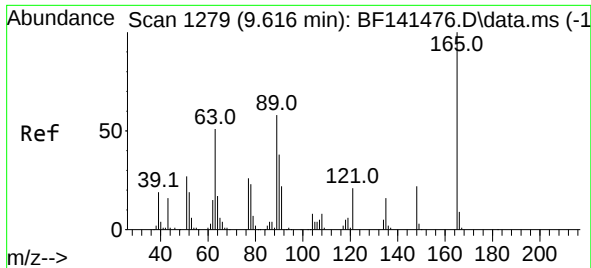
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

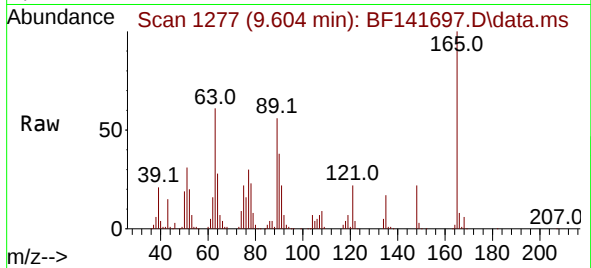
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.162 ng
RT: 9.604 min Scan# 11796
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

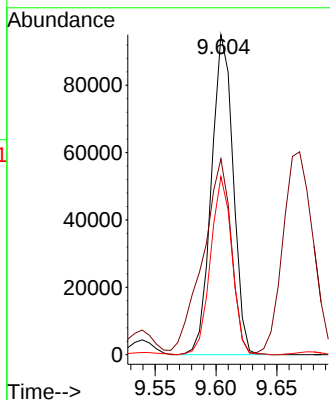
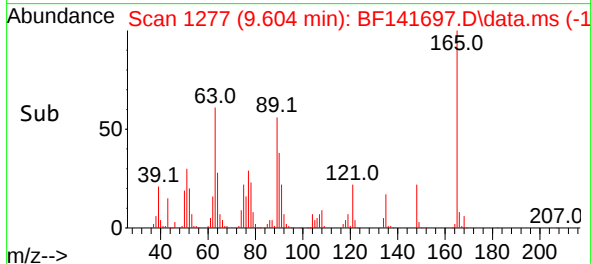
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:165 Resp: 11796
Ion Ratio Lower Upper
165 100
63 61.2 49.4 74.0
89 55.7 46.5 69.7

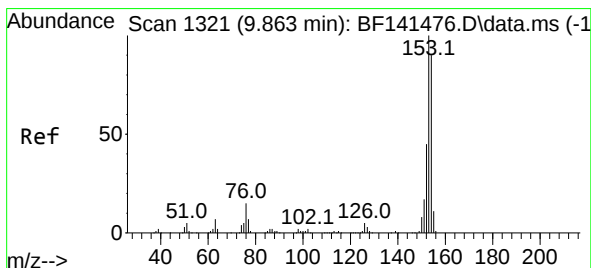
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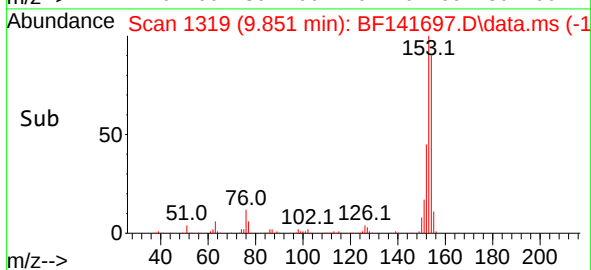
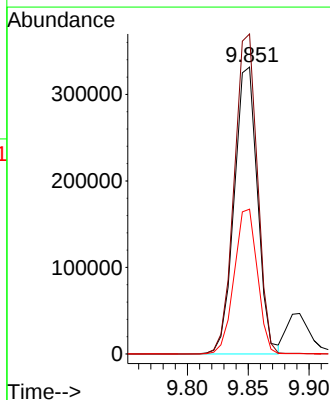
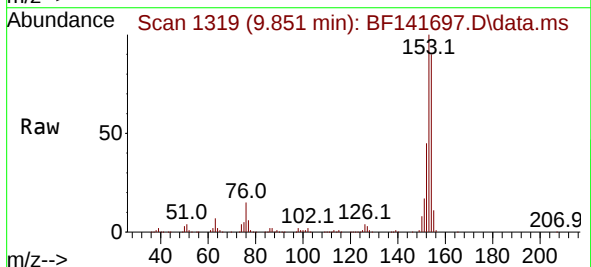
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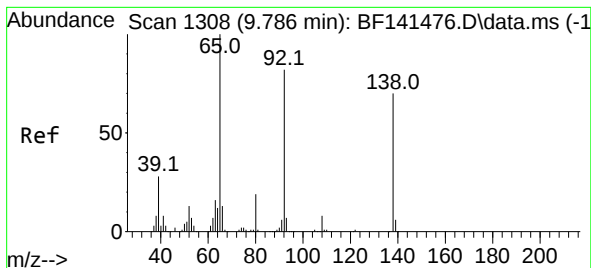
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#52
Acenaphthene
Concen: 43.870 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:154 Resp: 442627
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 50.5 39.8 59.8





#53
3-Nitroaniline
Concen: 23.507 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

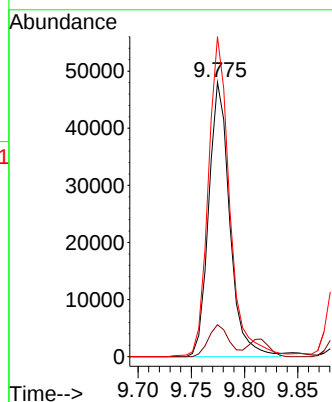
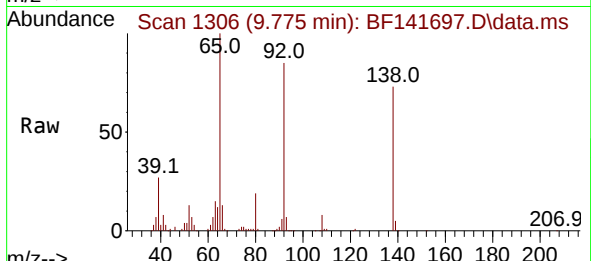
ClientSampleId :

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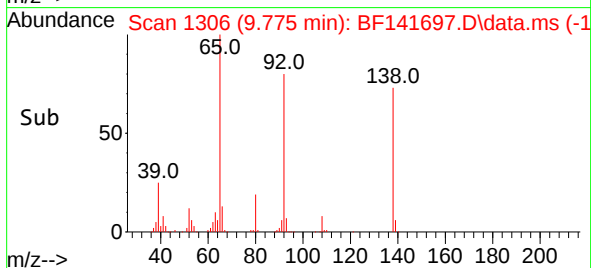
Tgt Ion:138 Resp: 6608
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 116.6 93.7 140.5

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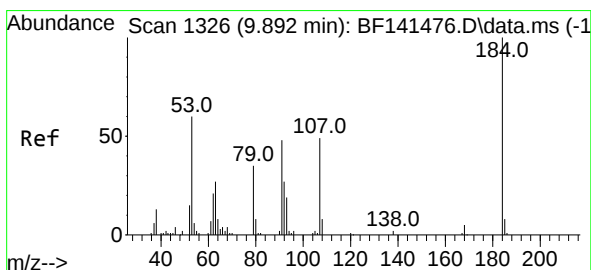
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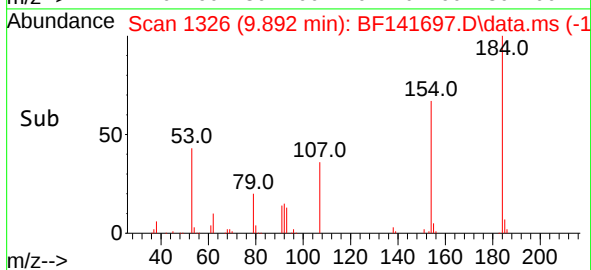
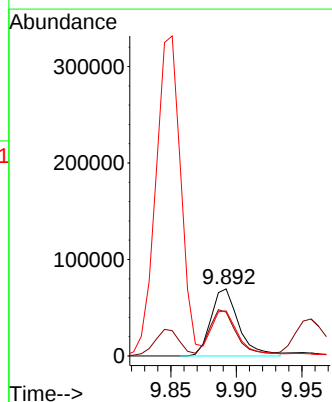
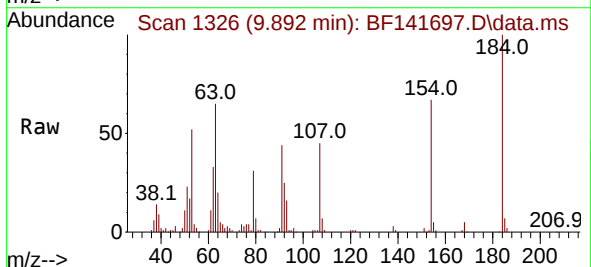


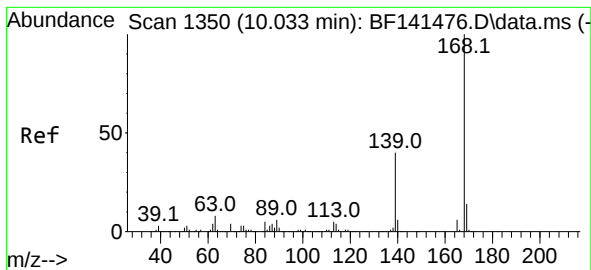
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#54
2,4-Dinitrophenol
Concen: 65.792 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:184 Resp: 102131
Ion Ratio Lower Upper
184 100
63 65.4 61.0 91.6
154 67.3 59.9 89.9





#55
Dibenzenofuran
Concen: 42.399 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

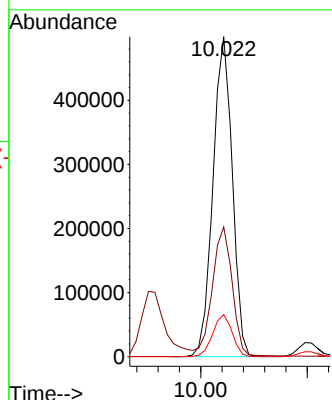
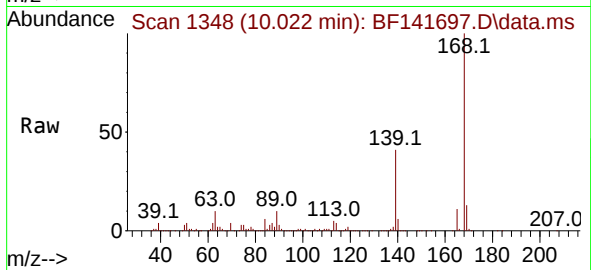
ClientSampleId :

PB166772BS

Tgt Ion:168 Resp: 627900
Ion Ratio Lower Upper
168 100
139 40.5 32.7 49.1
169 13.1 10.8 16.2

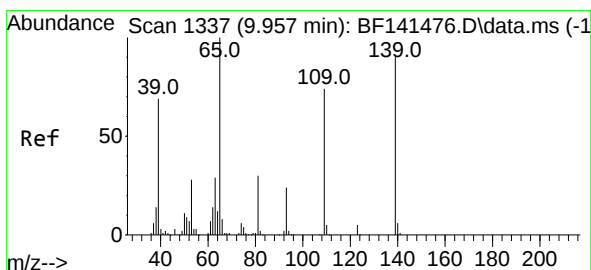
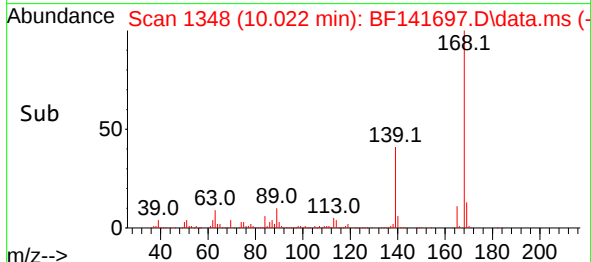
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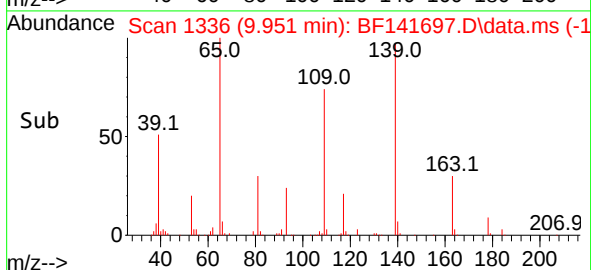
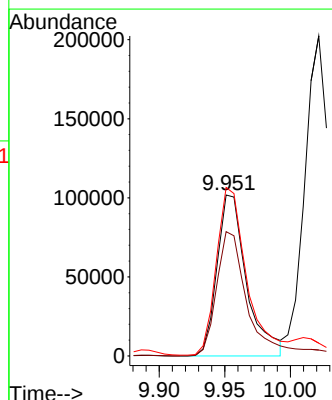
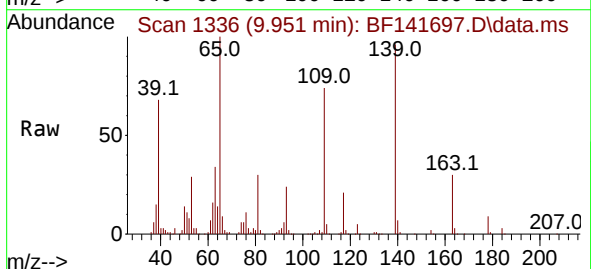
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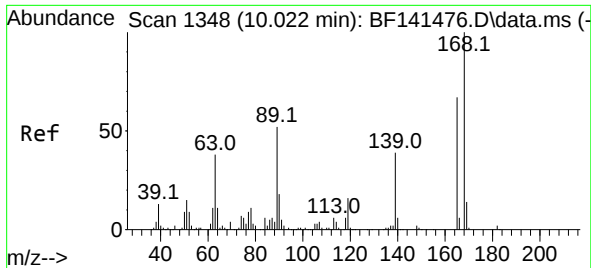
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#56
4-Nitrophenol
Concen: 76.625 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:139 Resp: 159906
Ion Ratio Lower Upper
139 100
109 77.2 62.0 102.0
65 104.6 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 44.060 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

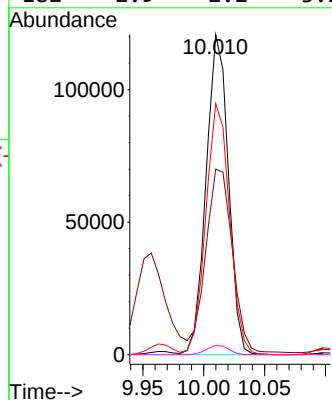
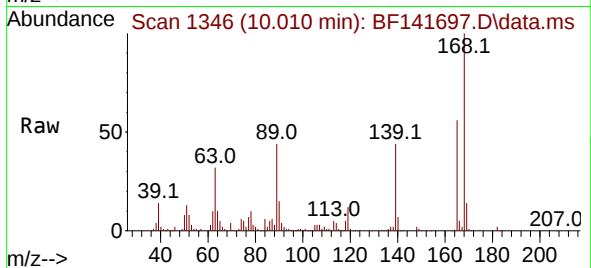
ClientSampleId :

PB166772BS

Tgt Ion:165 Resp: 15320
Ion Ratio Lower Upper
165 100
63 58.0 46.4 69.6
89 78.4 61.8 92.6
182 2.9 2.2 3.2

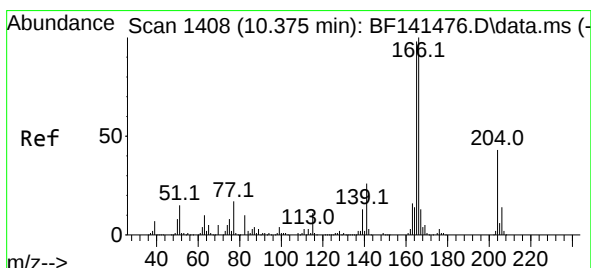
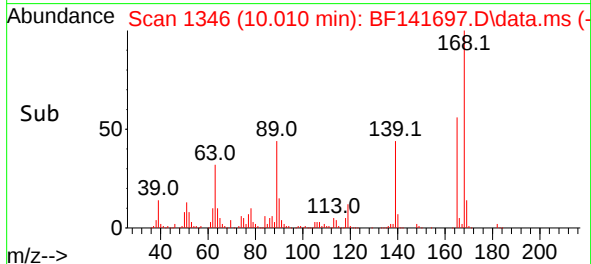
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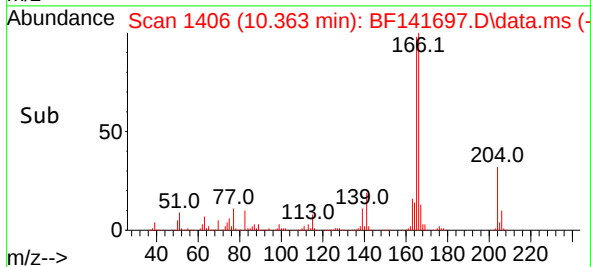
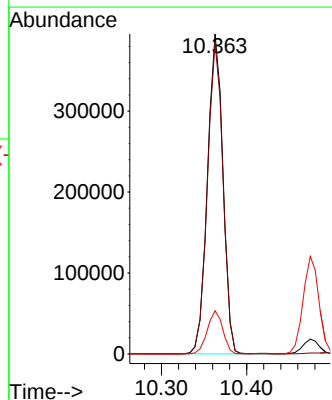
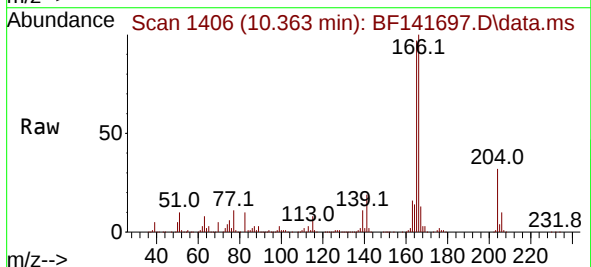
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#58
Fluorene
Concen: 43.605 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

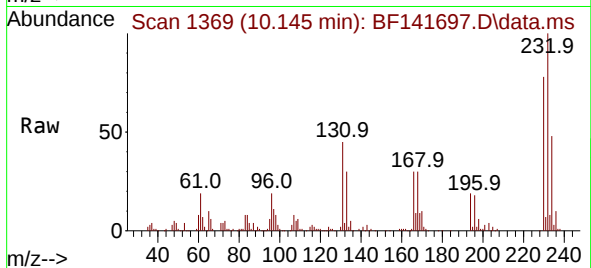
Tgt Ion:166 Resp: 499308
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.989 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

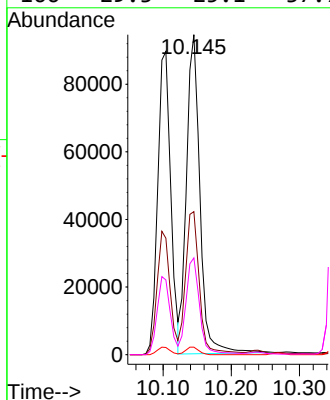
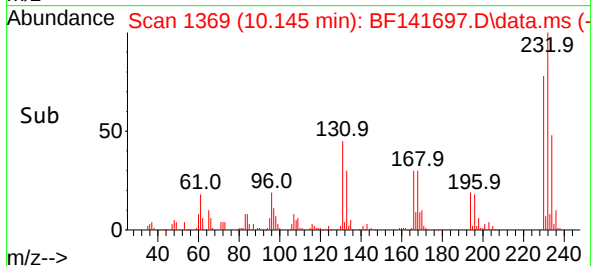
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:232 Resp: 12893
Ion Ratio Lower Upper
232 100
131 44.3 39.2 58.8
130 2.3 2.1 3.1
166 29.3 25.1 37.7

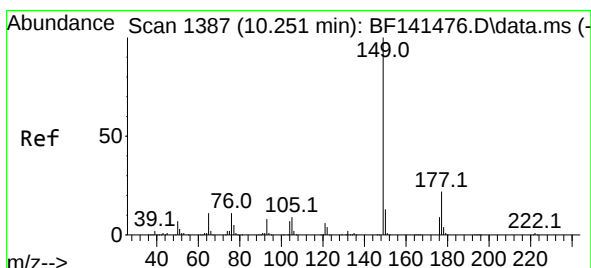
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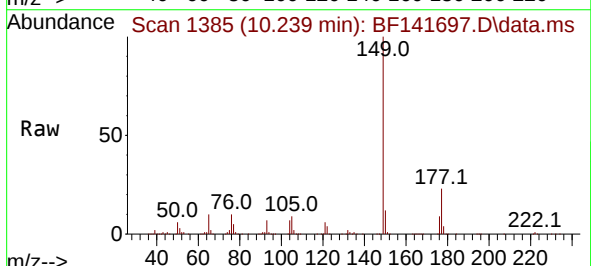


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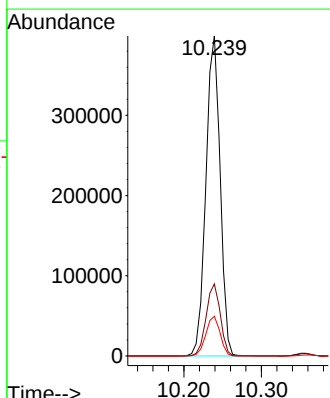
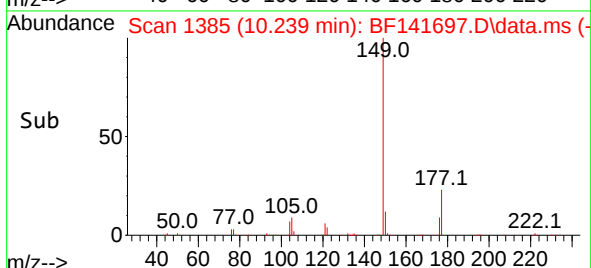
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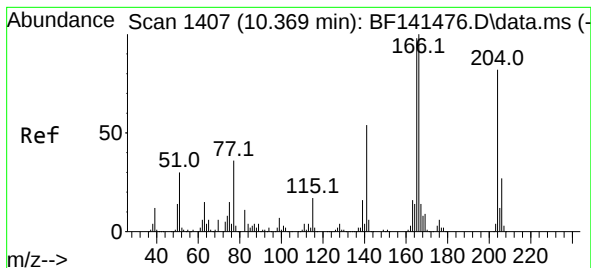


#60
Diethylphthalate
Concen: 43.211 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



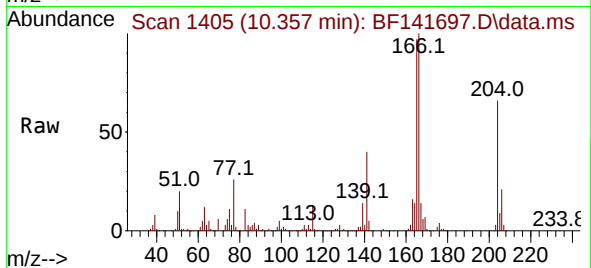
Tgt Ion:149 Resp: 507969
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.522 ng
RT: 10.357 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

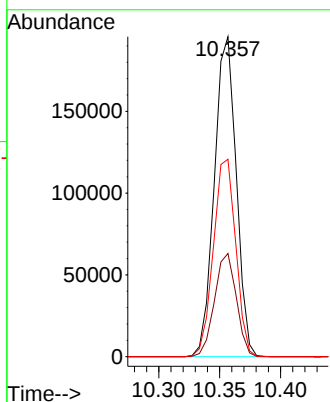
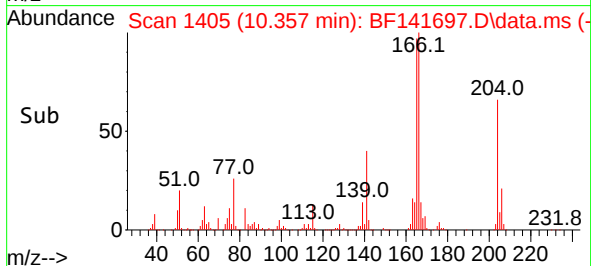
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:204 Resp: 24526
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 61.7 51.9 77.9

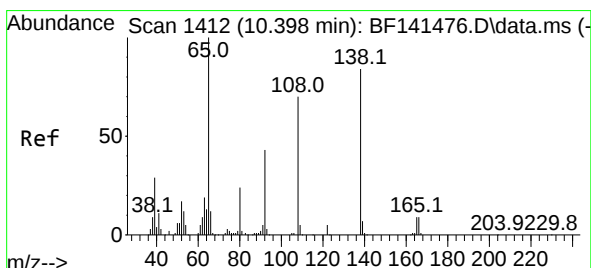
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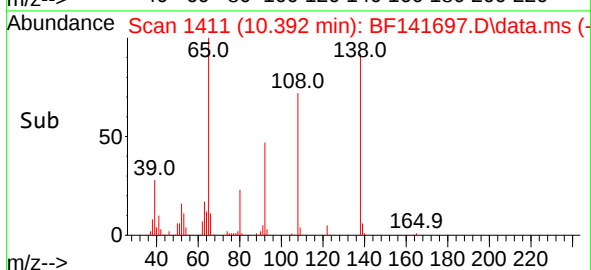
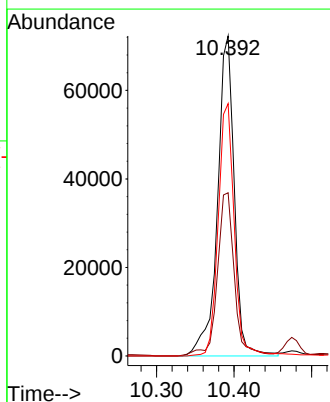
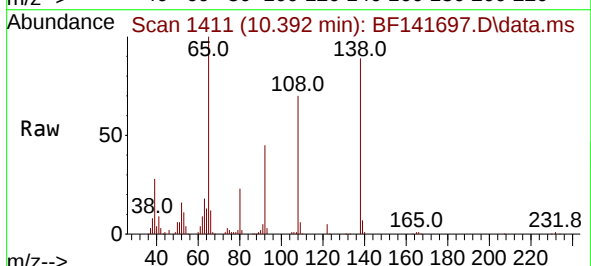
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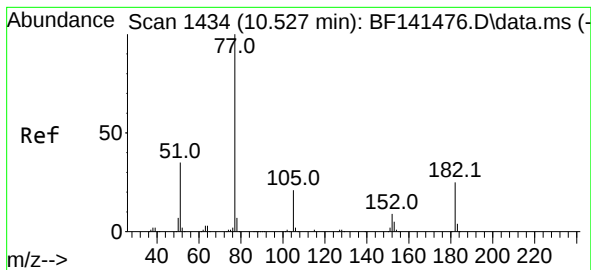
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#62
4-Nitroaniline
Concen: 38.112 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

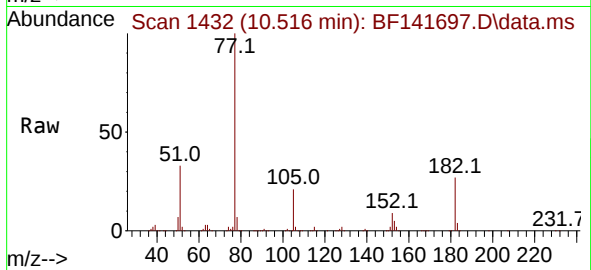
Tgt Ion:138 Resp: 108793
Ion Ratio Lower Upper
138 100
92 51.0 31.3 71.3
108 78.8 63.7 103.7





#63
Azobenzene
Concen: 41.109 ng
RT: 10.516 min Scan# 1434
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

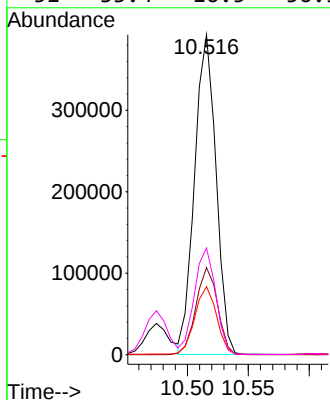
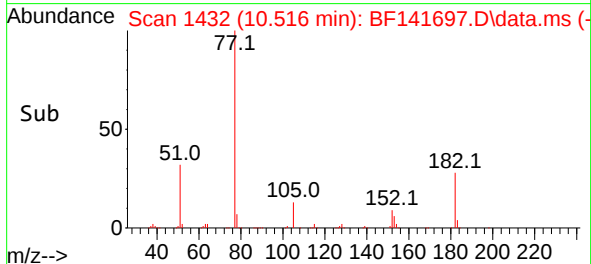
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion: 77 Resp: 48041
Ion Ratio Lower Upper
77 100
182 27.2 4.7 44.7
105 21.2 0.4 40.4
51 33.4 16.5 56.5

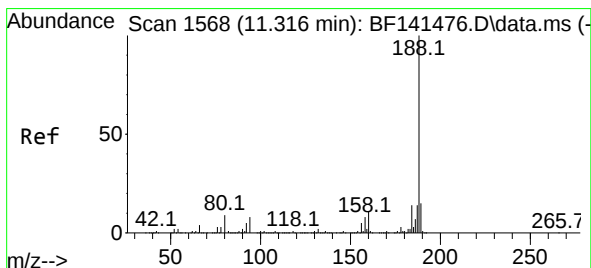
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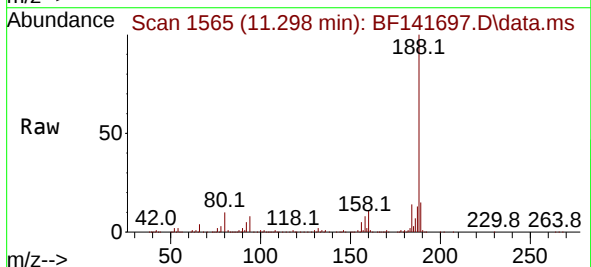


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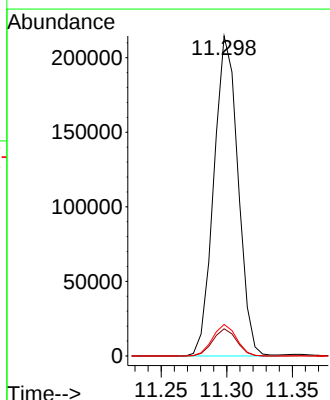
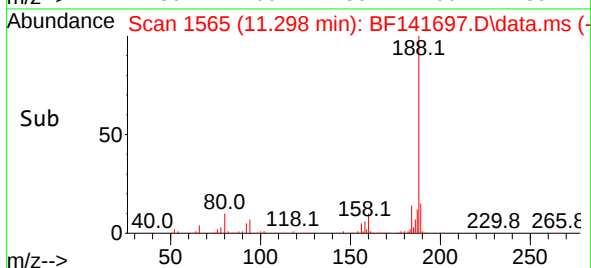
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



Tgt Ion:188 Resp: 274767
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.9 7.3 10.9





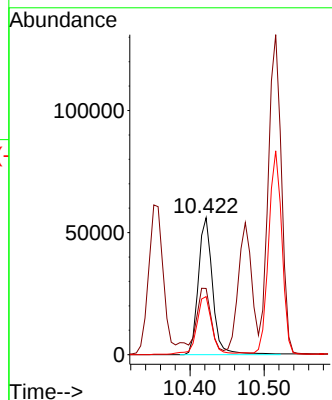
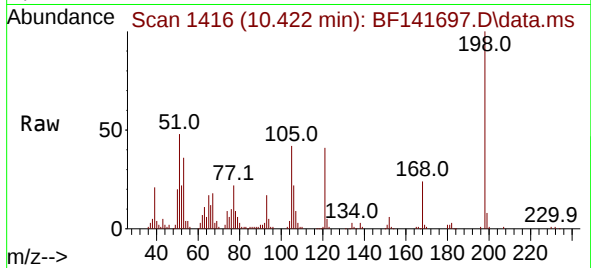
#65
4,6-Dinitro-2-methylphenol
Concen: 39.389 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :
BNA_F
ClientSampleId :
PB166772BS

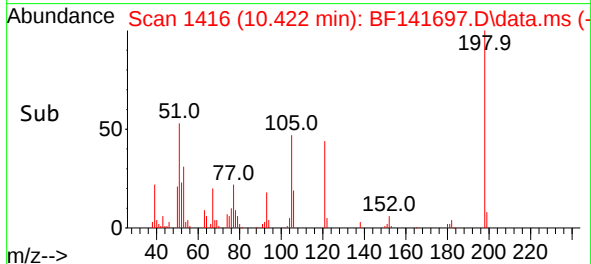
Tgt Ion:198 Resp: 7518
Ion Ratio Lower Upper
198 100
51 48.4 37.4 77.4
105 42.4 25.2 65.2

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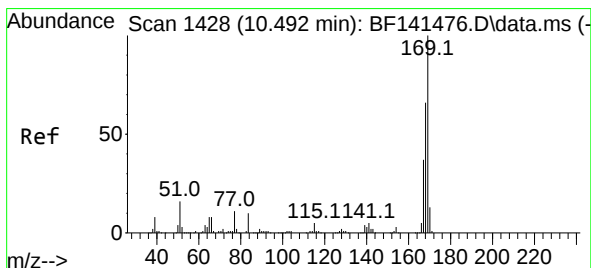
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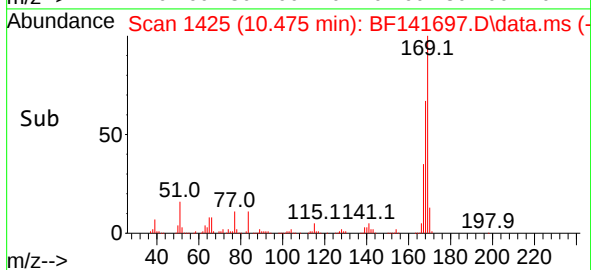
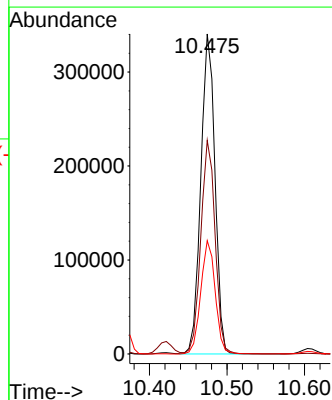
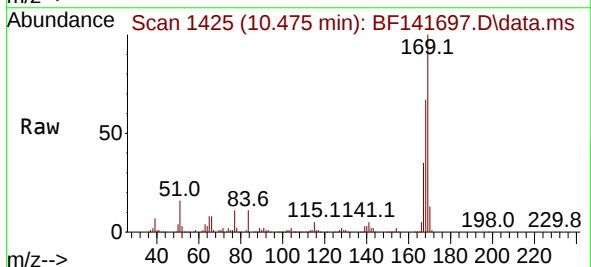


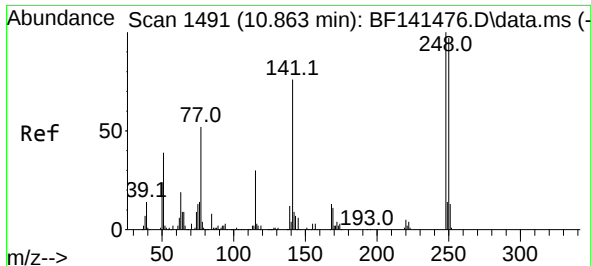
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#66
n-Nitrosodiphenylamine
Concen: 49.085 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

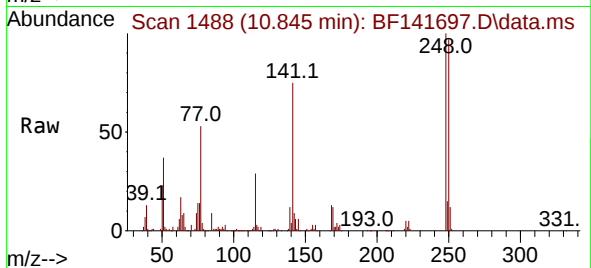
Tgt Ion:169 Resp: 431732
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 35.4 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 48.073 ng
RT: 10.845 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

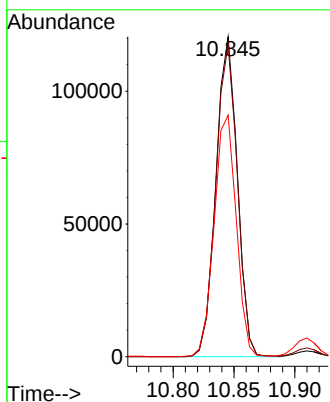
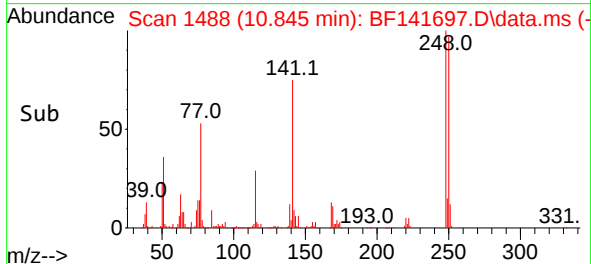
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:248 Resp: 147620
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 75.4 60.6 90.8

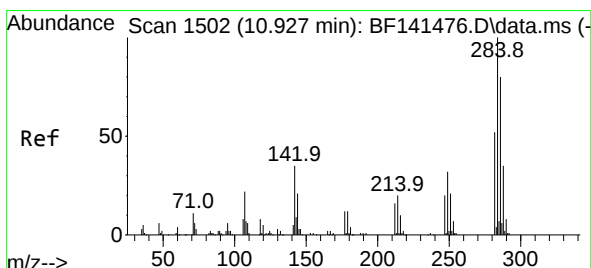
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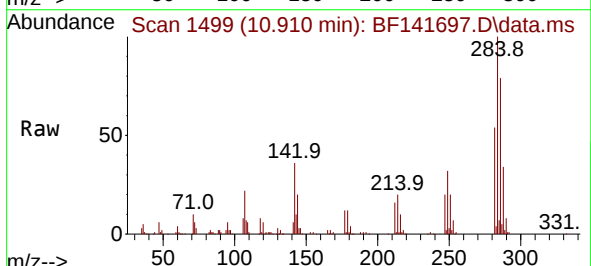


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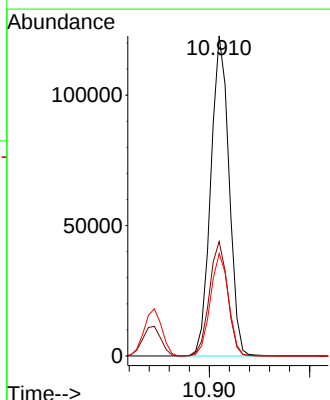
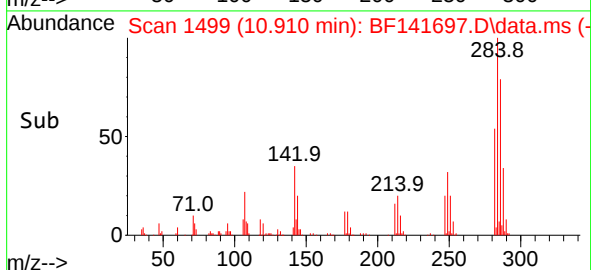
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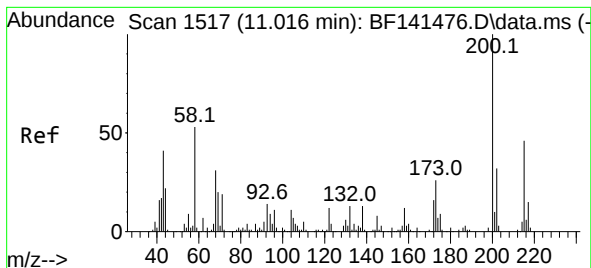


#68
Hexachlorobenzene
Concen: 49.039 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



Tgt Ion:284 Resp: 155070
Ion Ratio Lower Upper
284 100
142 35.8 28.0 42.0
249 32.0 25.8 38.8





#69

Atrazine

Concen: 58.680 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF141697.D

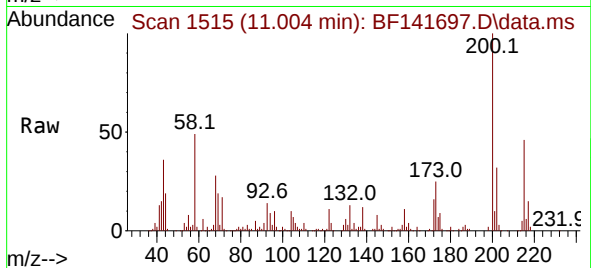
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

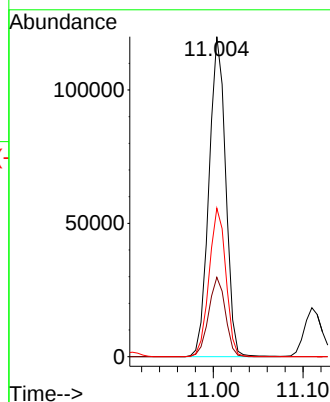
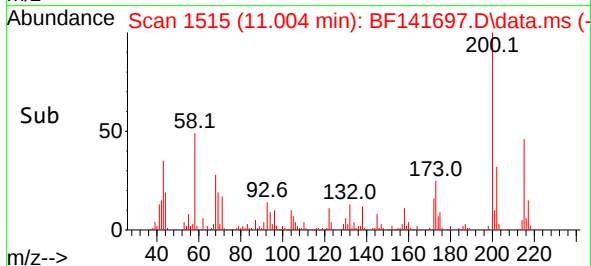


Tgt Ion:200 Resp: 154838

Ion	Ratio	Lower	Upper
200	100		
173	24.8	5.9	45.9
215	46.4	25.9	65.9

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#70

Pentachlorophenol

Concen: 70.680 ng

RT: 11.110 min Scan# 1533

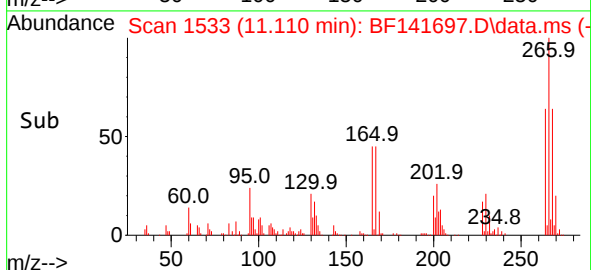
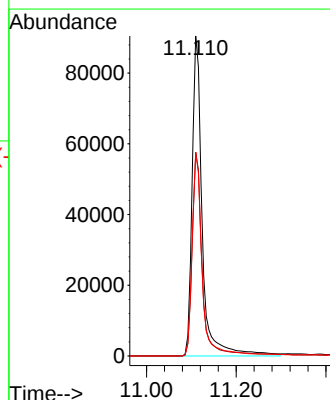
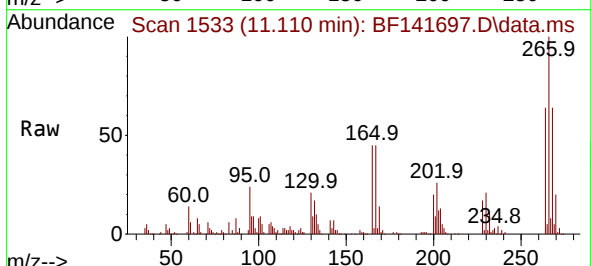
Delta R.T. -0.018 min

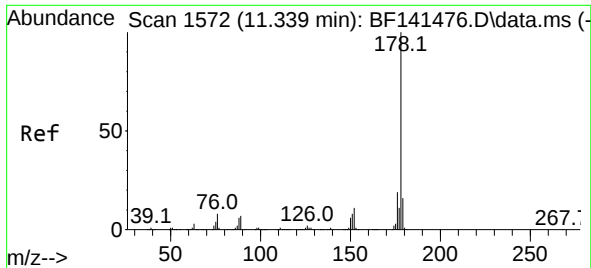
Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Tgt Ion:266 Resp: 142913

Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.1	75.1
264	63.7	50.1	75.1





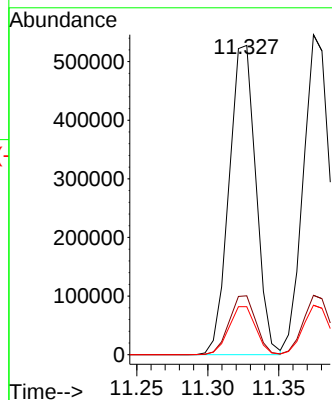
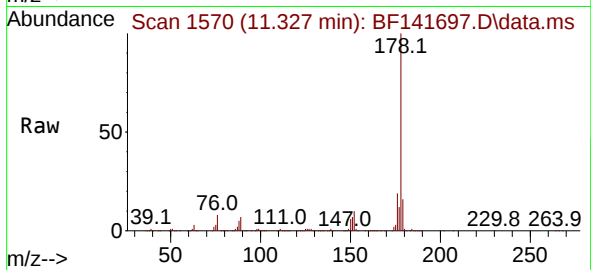
#71
Phenanthrene
Concen: 45.839 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :
BNA_F
ClientSampleId :
PB166772BS

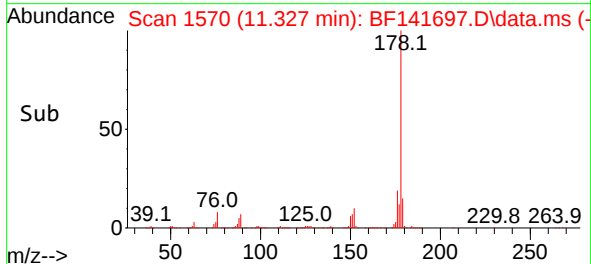
Tgt Ion:178 Resp: 693309
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.4 18.6

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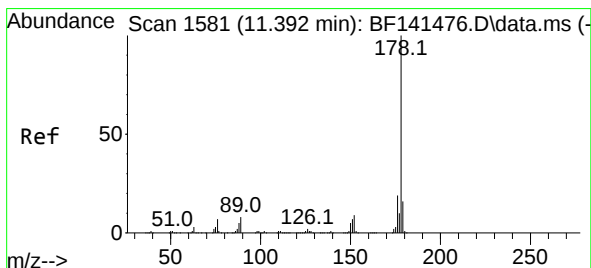
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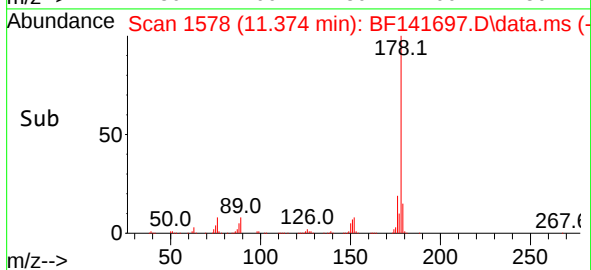
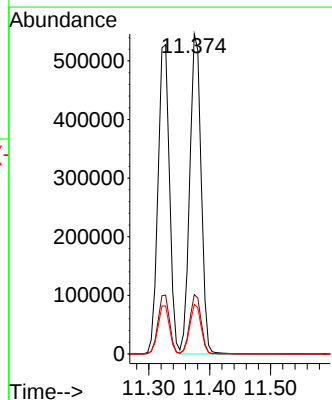
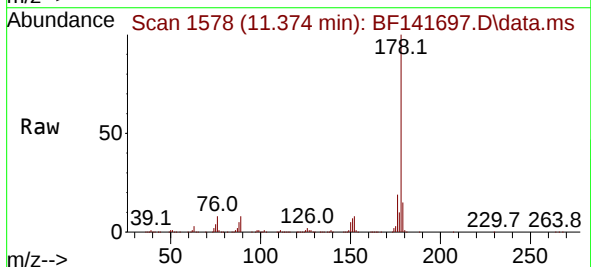


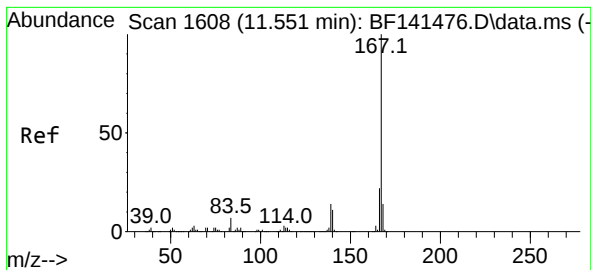
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#72
Anthracene
Concen: 46.710 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

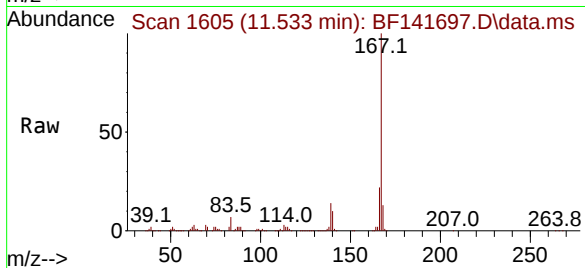
Tgt Ion:178 Resp: 710171
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 43.383 ng
 RT: 11.533 min Scan# 1605
 Delta R.T. -0.018 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

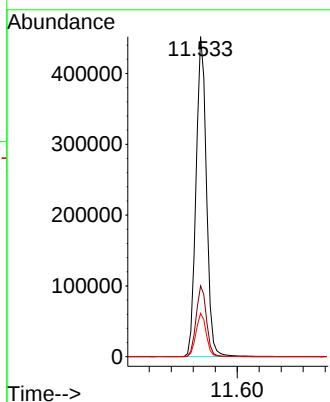
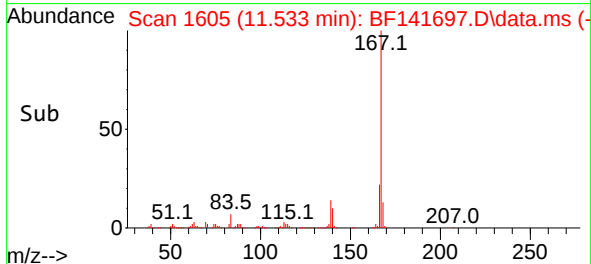
Instrument :
 BNA_F
 ClientSampleId :
 PB166772BS



Tgt Ion:167 Resp: 593490
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 13.6 10.9 16.3

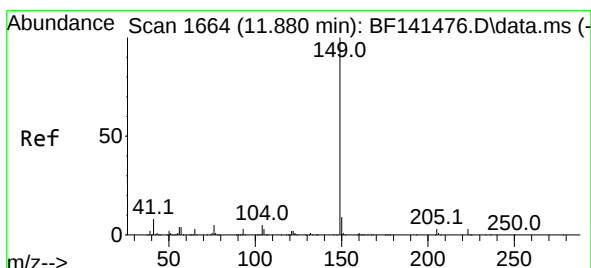
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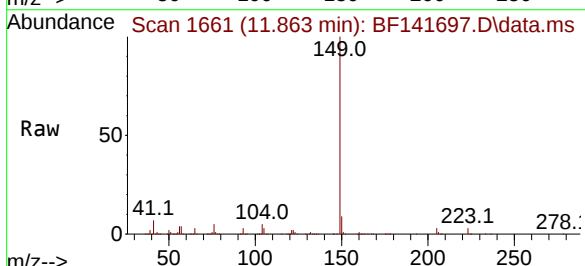


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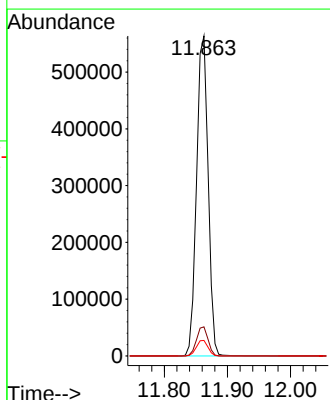
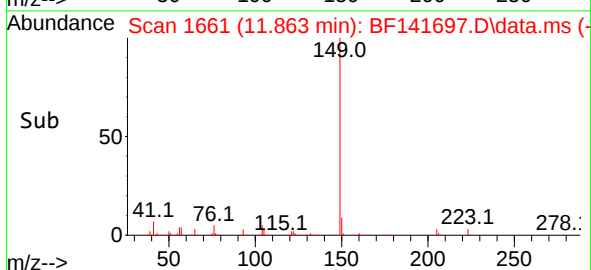
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#74
 Di-n-butylphthalate
 Concen: 45.278 ng
 RT: 11.863 min Scan# 1661
 Delta R.T. -0.018 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03



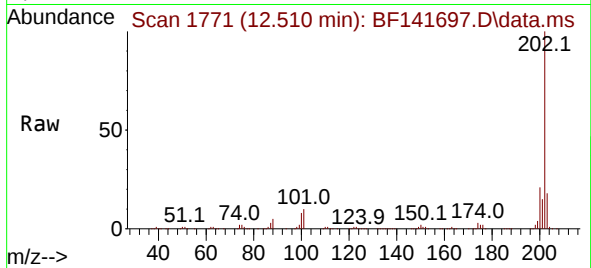
Tgt Ion:149 Resp: 715228
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 41.262 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

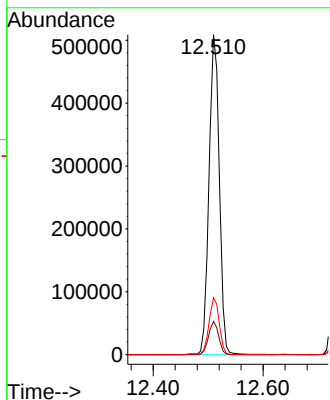
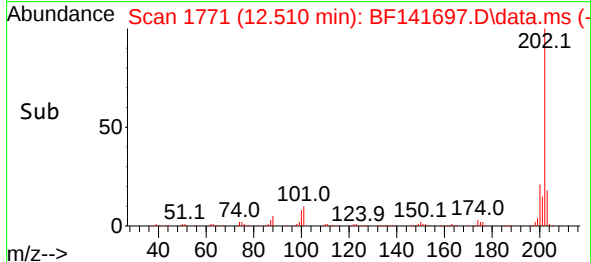
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:202 Resp: 661644
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.8 0.0 37.6

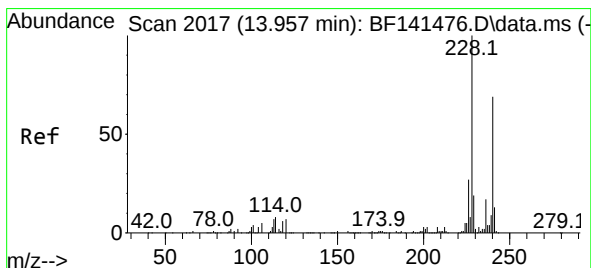
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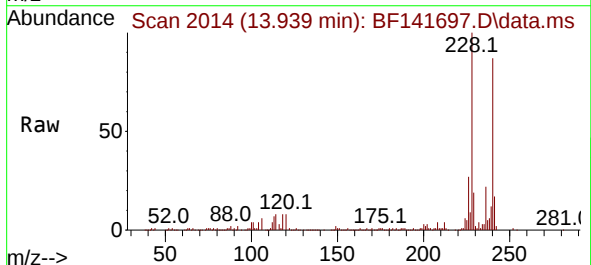


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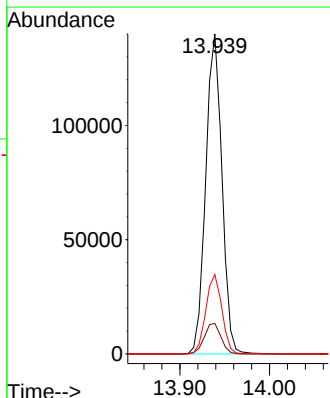
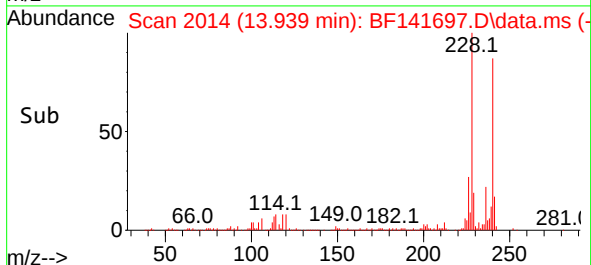
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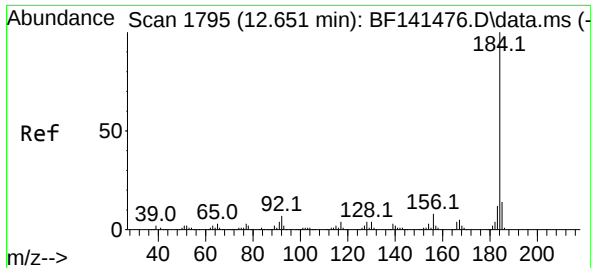


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



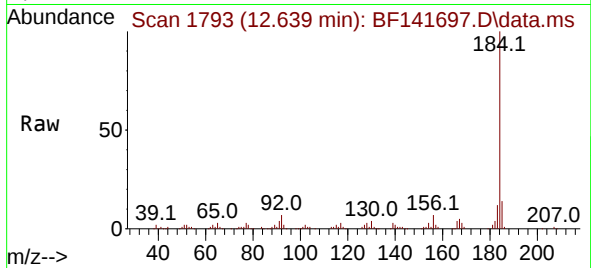
Tgt Ion:240 Resp: 175579
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 24.8 19.8 29.8





#77
Benzidine
Concen: 39.641 ng
RT: 12.639 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

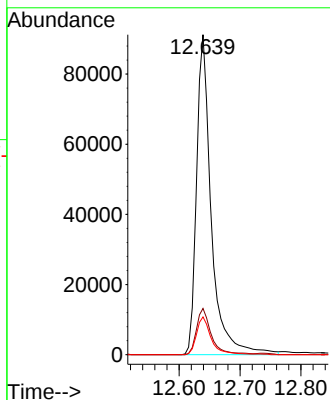
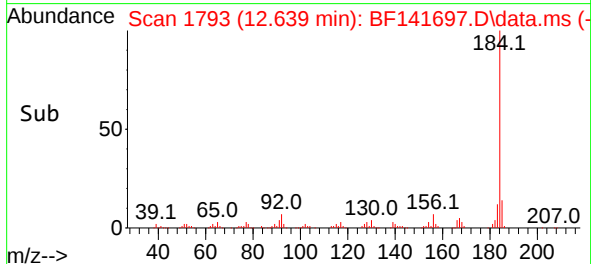
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:184 Resp: 153500
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.8 9.3 13.9

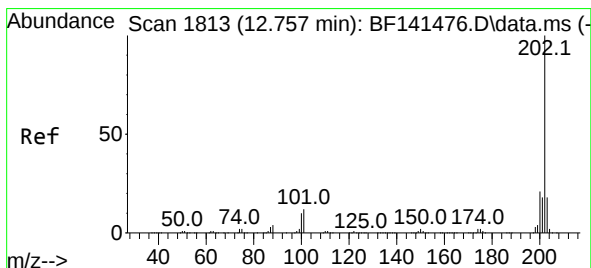
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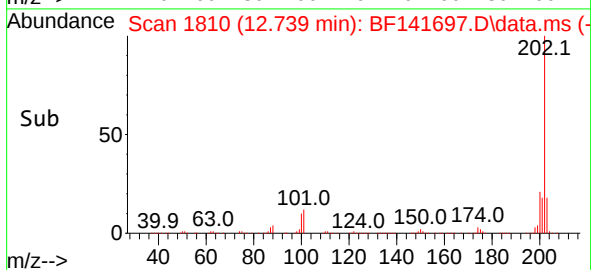
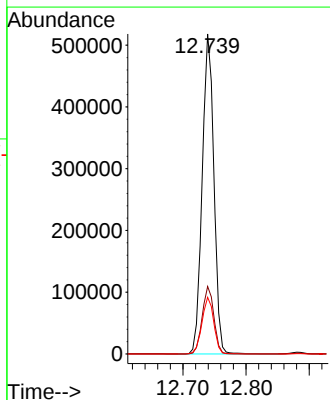
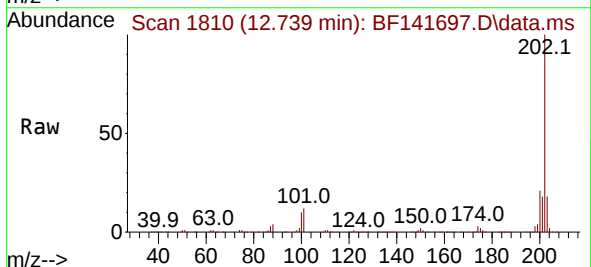
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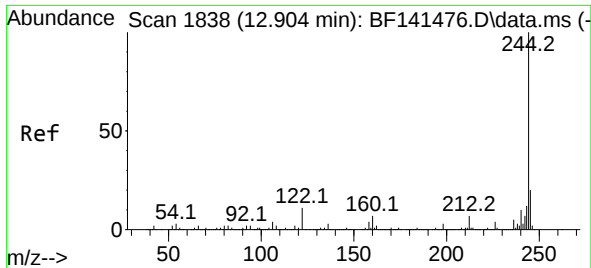
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#78
Pyrene
Concen: 44.657 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:202 Resp: 667462
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.3 21.5





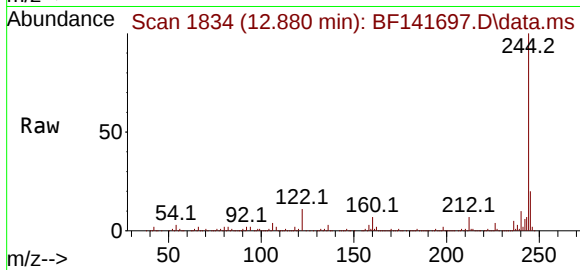
#79
 Terphenyl-d14
 Concen: 97.805 ng
 RT: 12.880 min Scan# 1834
 Delta R.T. -0.023 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

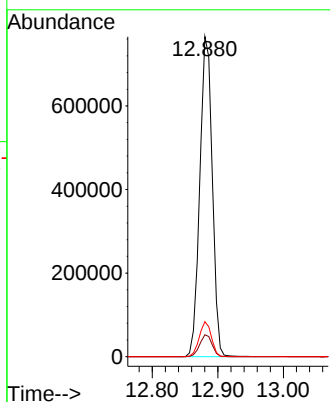
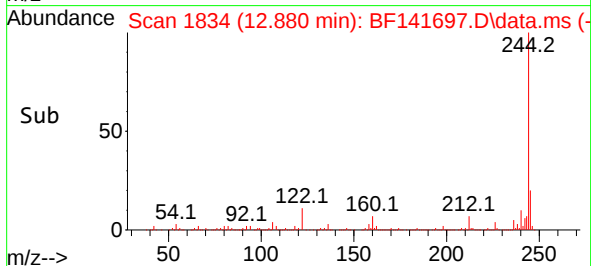
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Tgt Ion:244 Resp: 101722
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.9 8.4 12.6

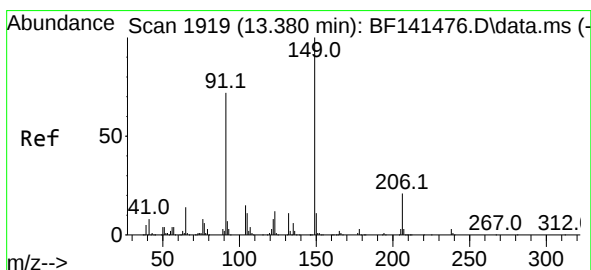
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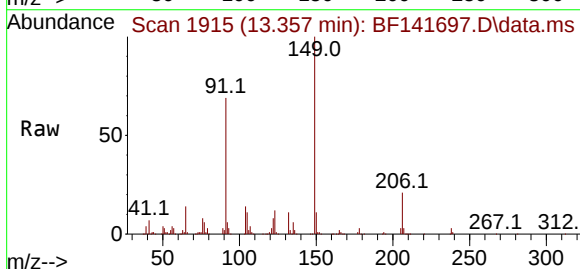


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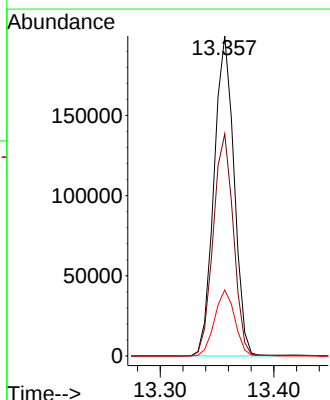
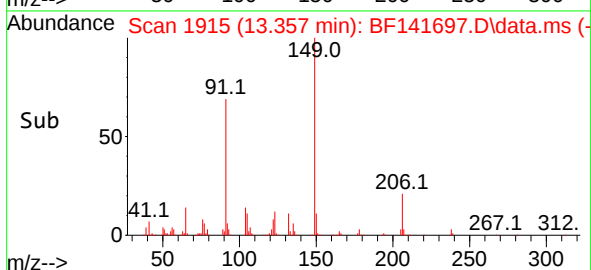
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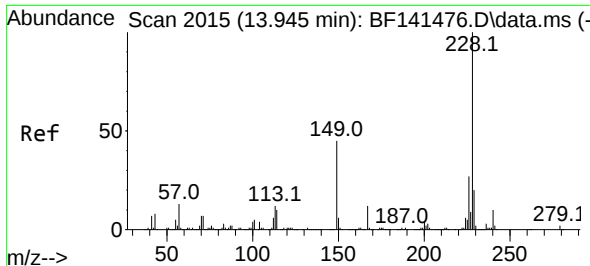


#80
 Butylbenzylphthalate
 Concen: 47.315 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03



Tgt Ion:149 Resp: 244952
 Ion Ratio Lower Upper
 149 100
 91 69.4 57.8 86.8
 206 20.6 16.7 25.1





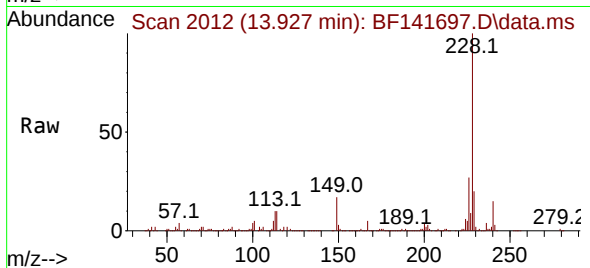
#81
Benzo(a)anthracene
Concen: 45.957 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

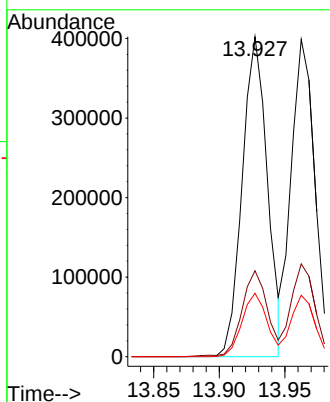
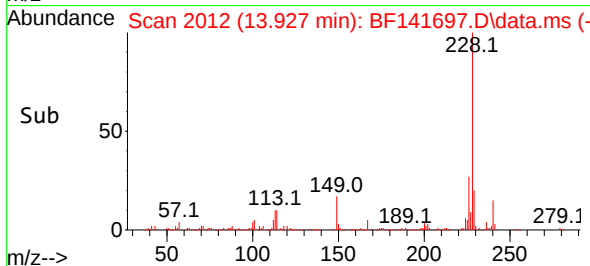
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Tgt Ion:228 Resp: 536374
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.8 15.8 23.6

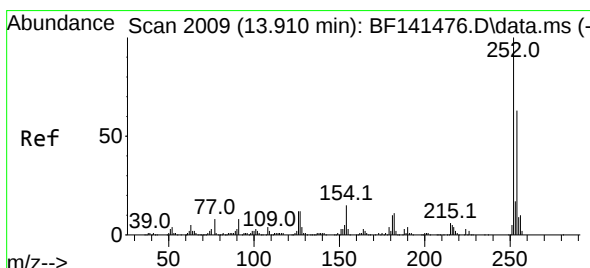
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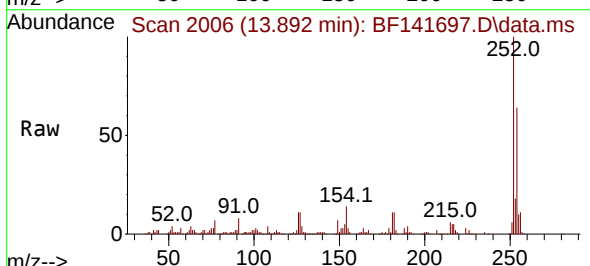


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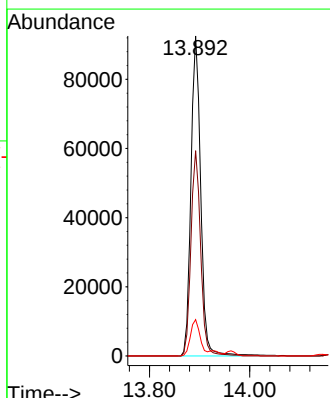
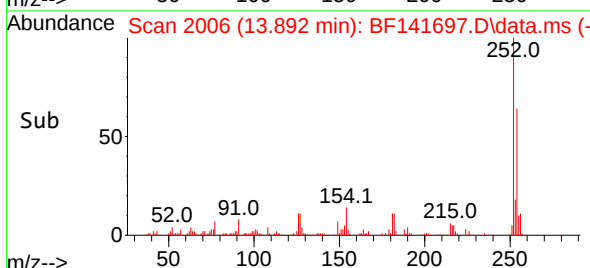
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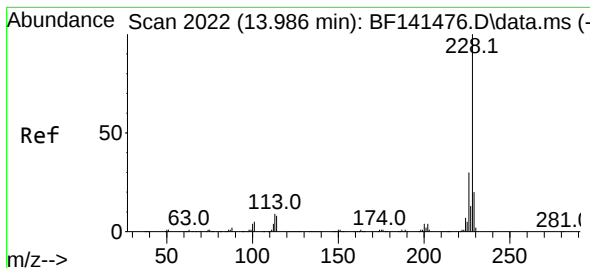


#82
3,3'-Dichlorobenzidine
Concen: 37.476 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



Tgt Ion:252 Resp: 125294
Ion Ratio Lower Upper
252 100
254 64.1 50.6 76.0
126 11.4 9.3 13.9





#83

Chrysene

Concen: 46.199 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.029 min

Lab File: BF141697.D

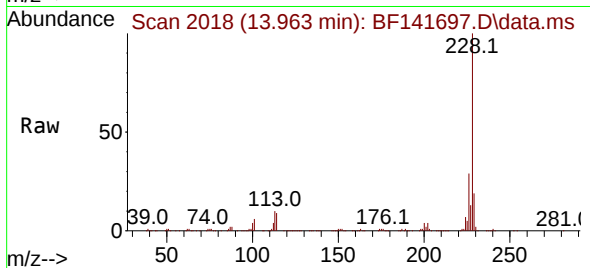
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

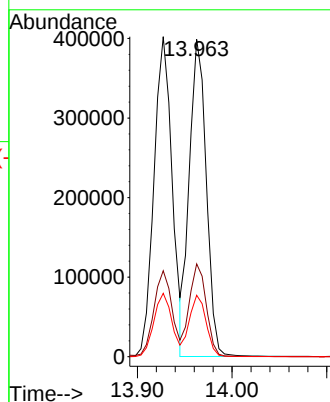
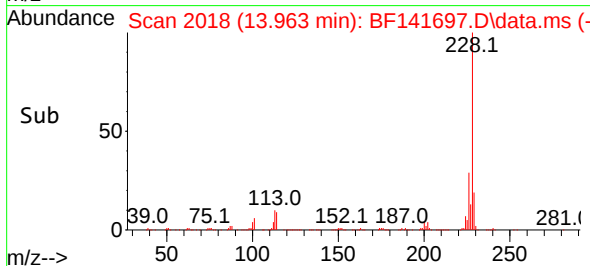


Tgt Ion:228 Resp: 497870

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	19.3	15.7	23.5

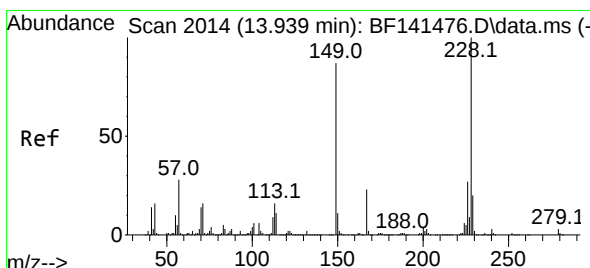
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#84

Bis(2-ethylhexyl)phthalate

Concen: 53.822 ng

RT: 13.915 min Scan# 2010

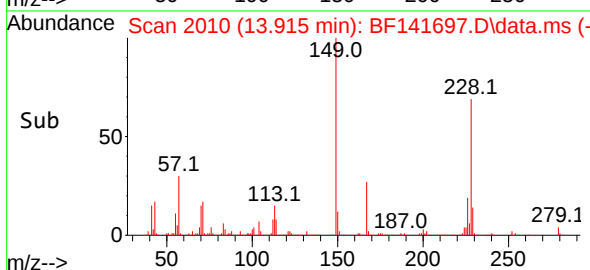
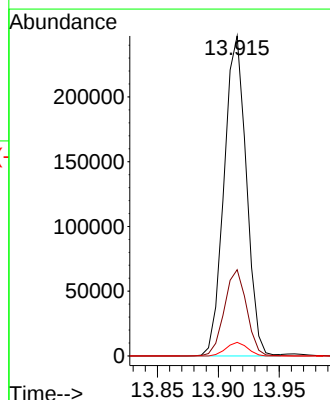
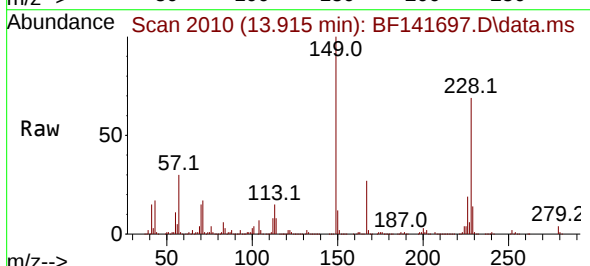
Delta R.T. -0.023 min

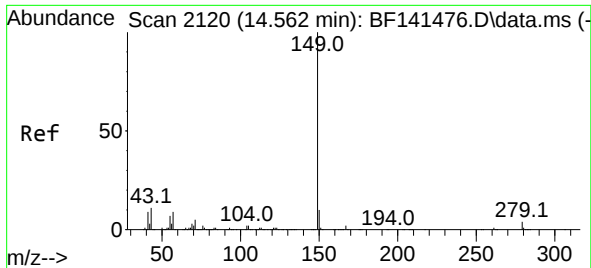
Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Tgt Ion:149 Resp: 314261

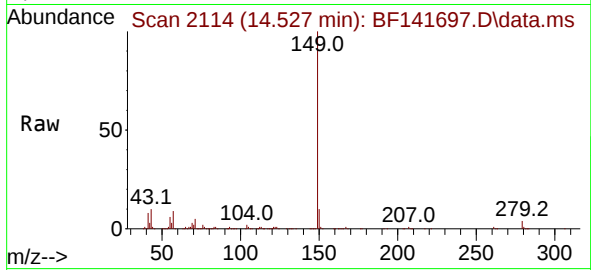
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	4.2	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 60.662 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

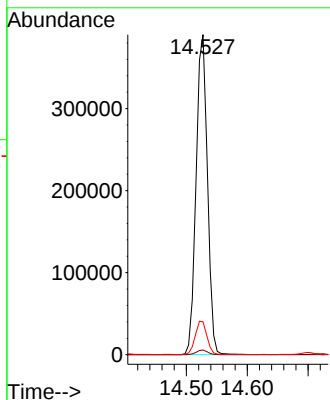
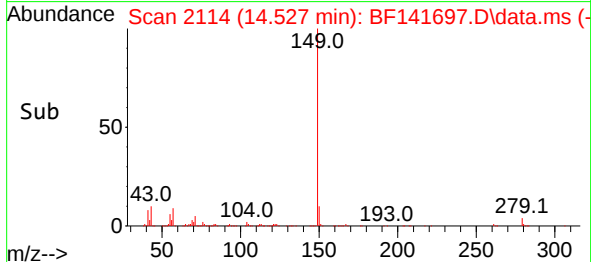
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:149 Resp: 50529
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.7 9.5 14.3

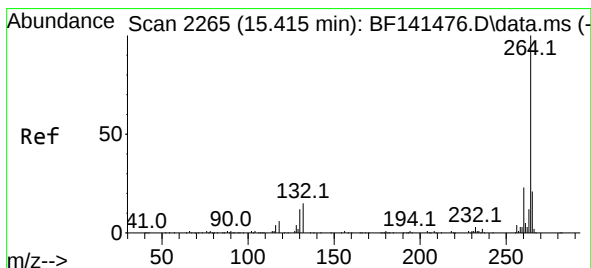
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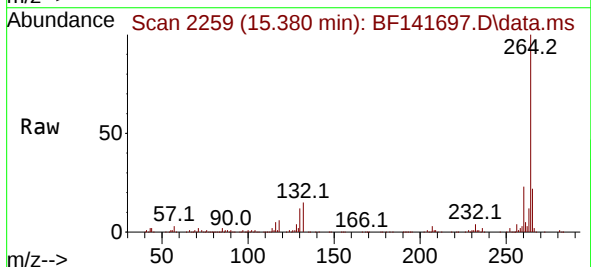


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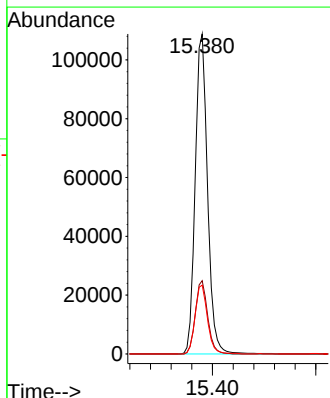
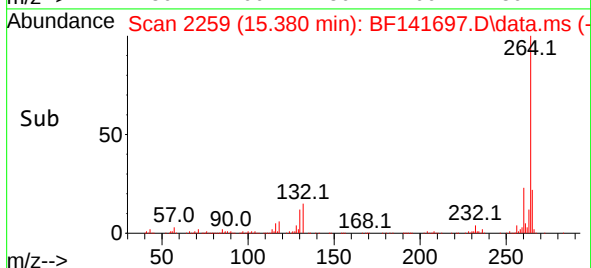
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03



Tgt Ion:264 Resp: 179789
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.402 ng
RT: 16.815 min Scan# 2180
Delta R.T. -0.059 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

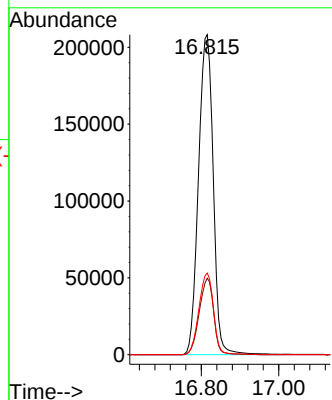
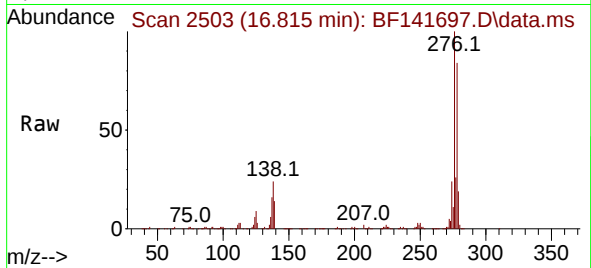
ClientSampleId :

PB166772BS

Tgt Ion:276 Resp: 54880
Ion Ratio Lower Upper
276 100
138 23.3 18.0 27.0
277 25.3 20.4 30.6

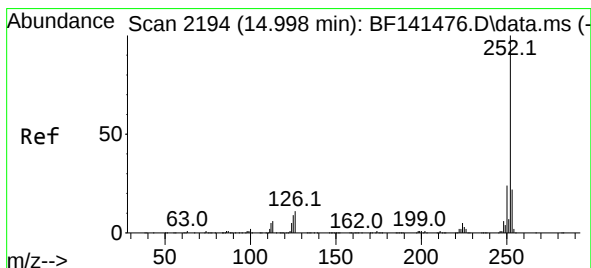
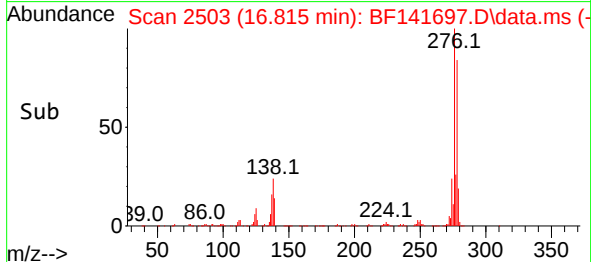
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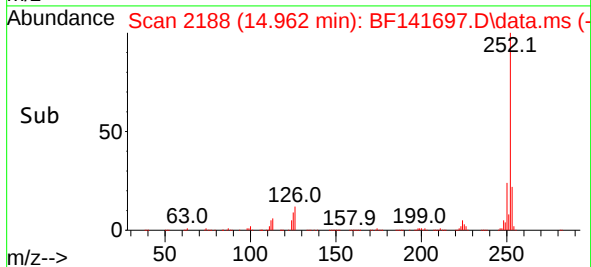
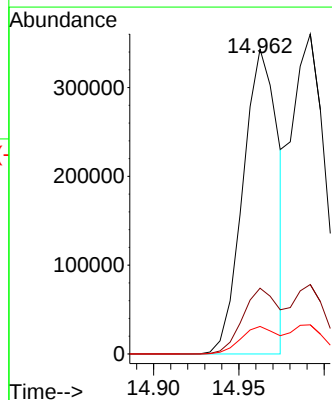
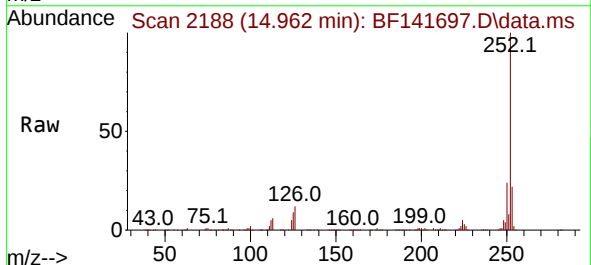
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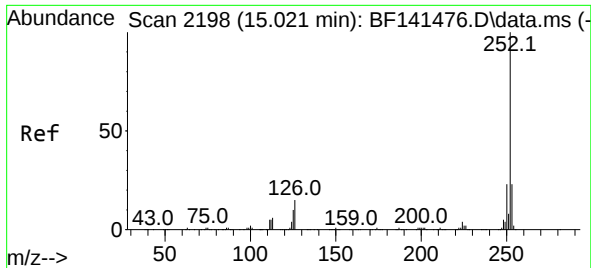
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#88
Benzo(b)fluoranthene
Concen: 40.582 ng
RT: 14.962 min Scan# 2188
Delta R.T. -0.041 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:252 Resp: 489904
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.1 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 40.026 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.041 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

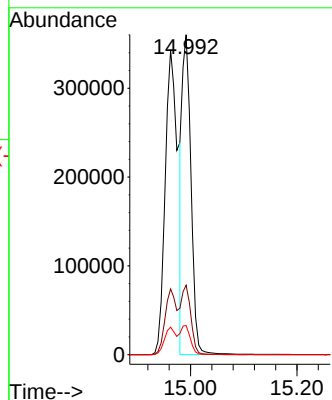
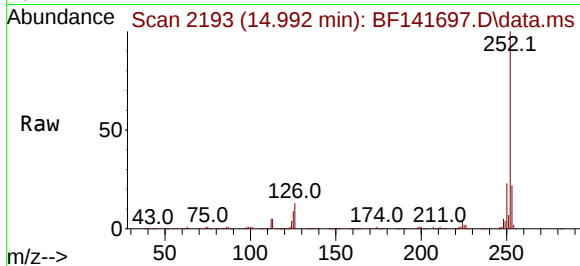
ClientSampleId :

PB166772BS

Tgt Ion:252 Resp: 41260
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.1 7.4 11.0

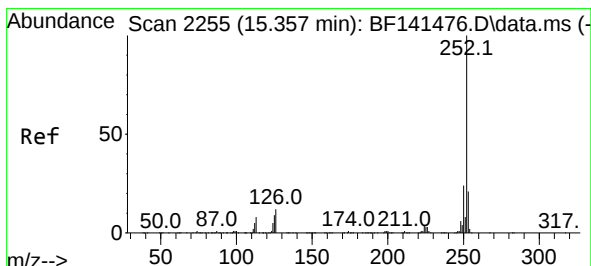
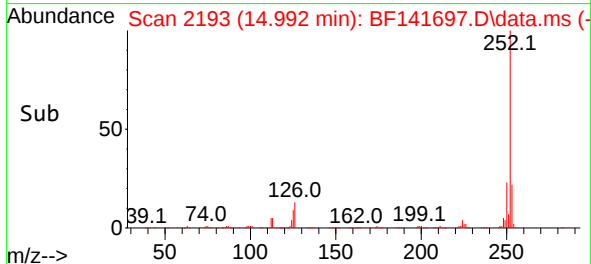
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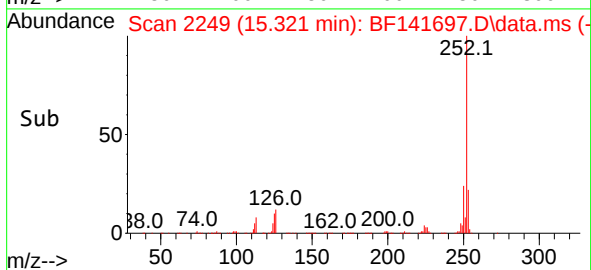
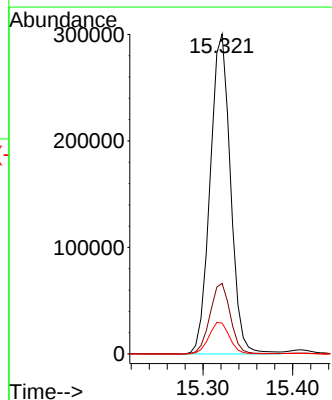
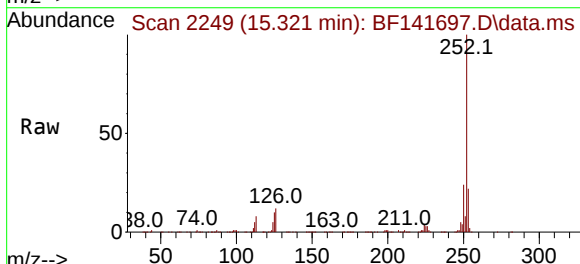
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Supervised By :Jagrut
Upadhyay

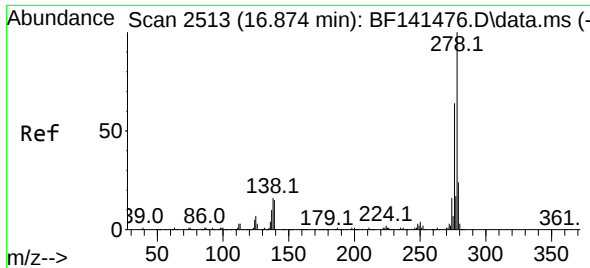
02/21/2025



#90
Benzo(a)pyrene
Concen: 48.492 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:252 Resp: 473681
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 9.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.105 ng
RT: 16.827 min Scan# 21
Delta R.T. -0.065 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

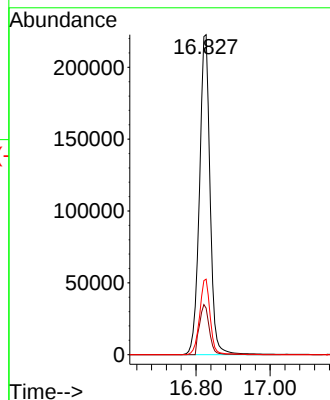
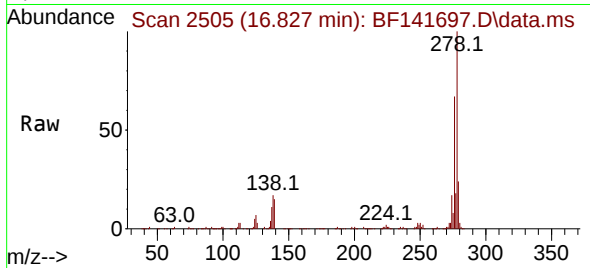
ClientSampleId :

PB166772BS

Tgt Ion:278 Resp: 442018
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.6
279 23.6 19.1 28.7

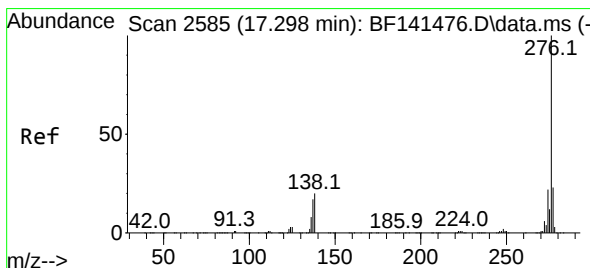
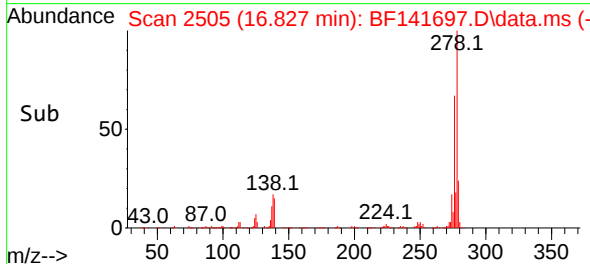
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



02/21/2025
Supervised By :Jagrut
Upadhyay

02/21/2025



#92
Benzo(g,h,i)perylene
Concen: 44.683 ng
RT: 17.245 min Scan# 2576
Delta R.T. -0.071 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:276 Resp: 420897
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 20.3 15.9 23.9

