

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124137.D
 Acq On : 4 Jun 2021 13:43
 Operator : JU/CG
 Sample : M2583-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 39-41S

Manual Integrations
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Quant Time: Jun 04 14:18:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	40591	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	149212	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	71741	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	102503	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	87712	20.00	ng	0.00
86) Perylene-d12	15.527	264	73625	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	142333	52.79	ng	0.00
7) Phenol-d6	6.504	99	182717	50.41	ng	0.00
23) Nitrobenzene-d5	7.422	82	132692	35.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	44783	44.06	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	218712	38.36	ng	0.00
79) Terphenyl-d14	12.980	244	177700	27.82	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	4617	2.87	ng	# 79
10) Phenol	6.510	94	20057	5.12	ng	# 78
20) 3+4-Methylphenols	7.269	107	49489	15.31	ng	# 65
36) 4-Chloro-3-methylphenol	8.698	107	15325	5.09	ng	99
71) Phenanthrene	11.416	178	19449	3.04	ng	# 91
75) Fluoranthene	12.604	202	53451	7.95	ng	96
78) Pyrene	12.839	202	50907	6.04	ng	97
80) Butylbenzylphthalate	13.457	149	7575	2.22	ng	89
81) Benzo(a)anthracene	14.027	228	31972	5.00	ng	92
83) Chrysene	14.068	228	24024	3.90	ng	95
84) Bis(2-ethylhexyl)phtha...	14.015	149	127492	31.37	ng	97
87) Indeno(1,2,3-cd)pyrene	17.009	276	6811	5.35	ng	# 88
88) Benzo(b)fluoranthene	15.086	252	27909m	4.88	ng	
89) Benzo(k)fluoranthene	15.115	252	11765m	2.17	ng	
90) Benzo(a)pyrene	15.457	252	12913	2.60	ng	# 40
92) Benzo(g,h,i)perylene	17.462	276	5134	4.72	ng	# 86

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

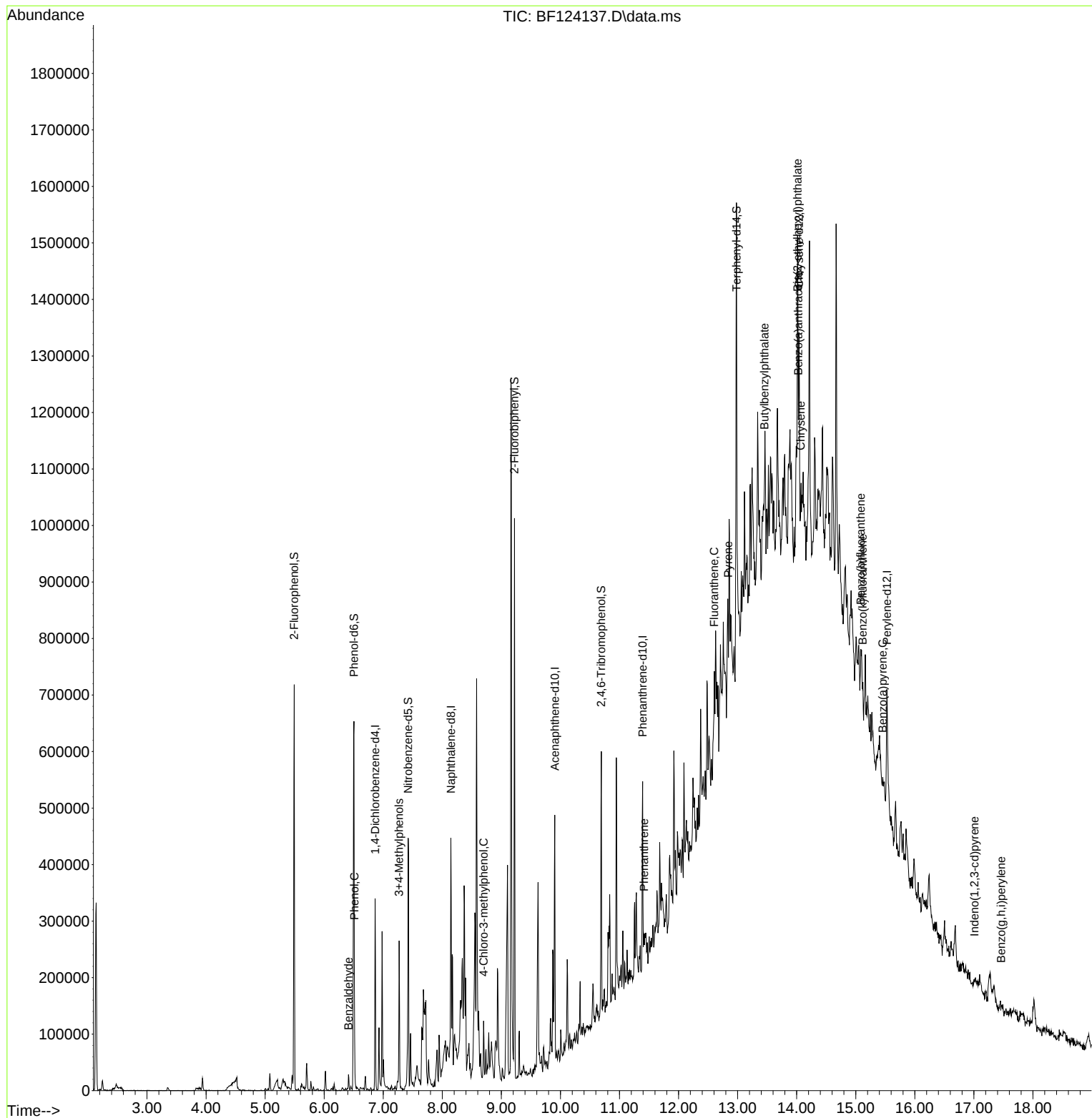
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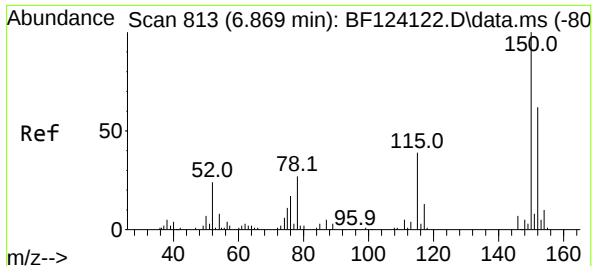
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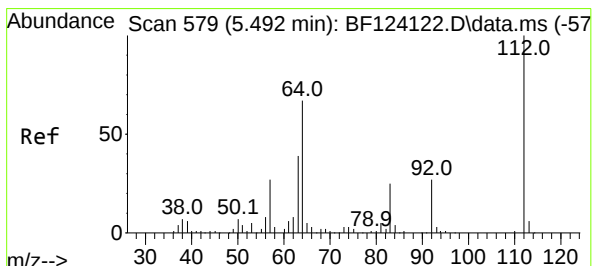
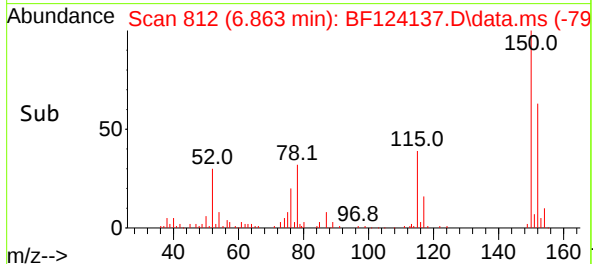
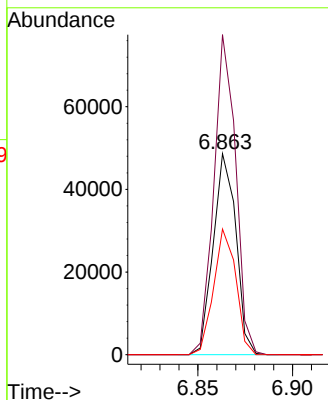
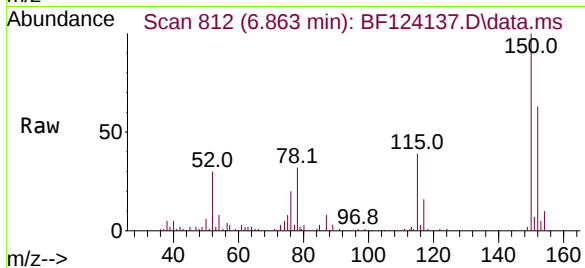
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion:152 Resp: 40591
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 62.5 54.3 81.5

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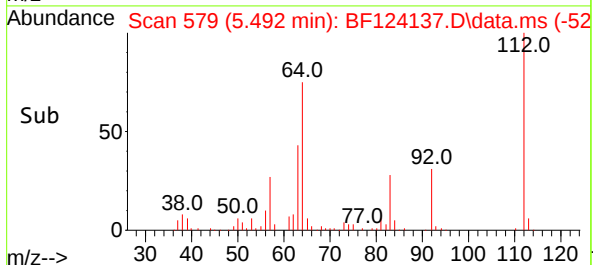
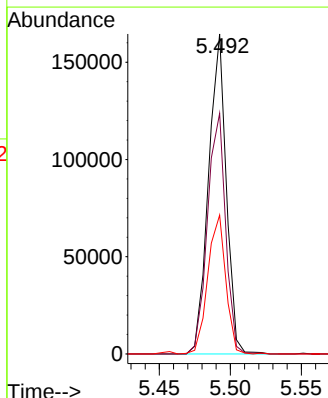
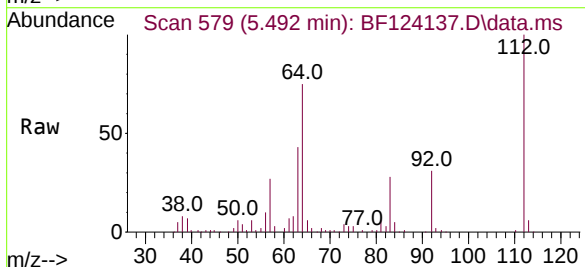
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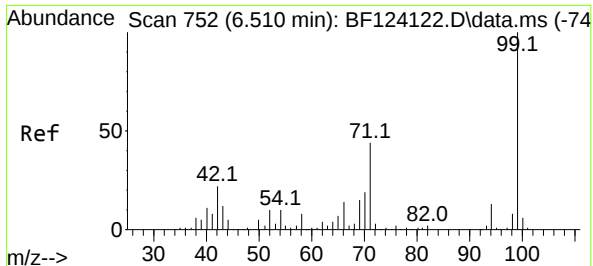
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#5
2-Fluorophenol
Concen: 52.79 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion:112 Resp: 142333
Ion Ratio Lower Upper
112 100
64 75.2 61.4 92.0
63 43.4 33.0 49.4





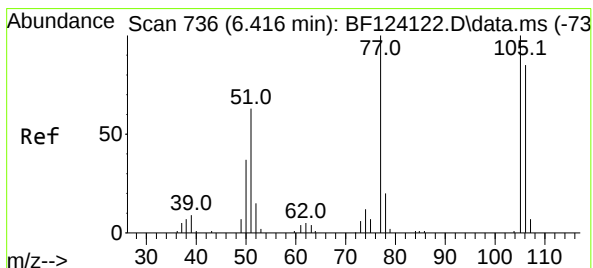
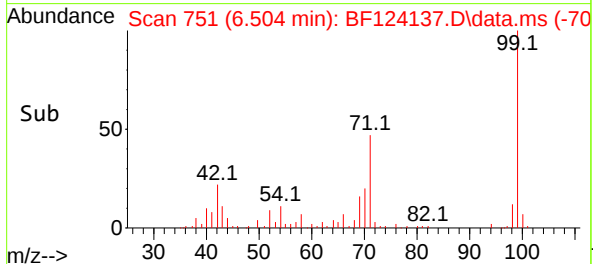
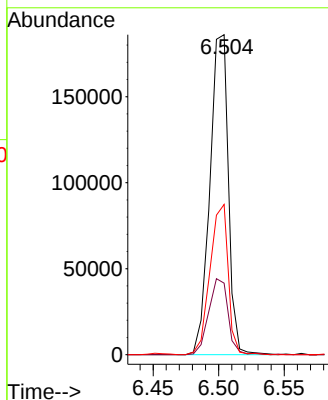
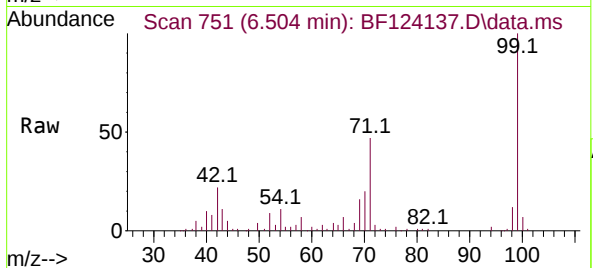
#7
Phenol-d6
Concen: 50.41 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion: 99 Resp: 182717
Ion Ratio Lower Upper
99 100
42 22.4 19.8 29.8
71 46.9 31.1 46.7#

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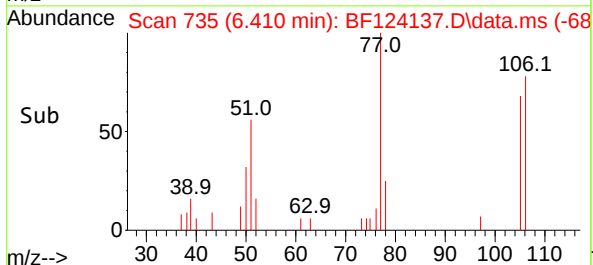
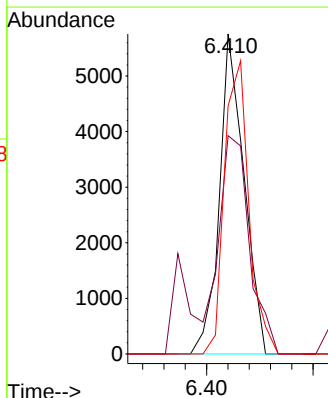
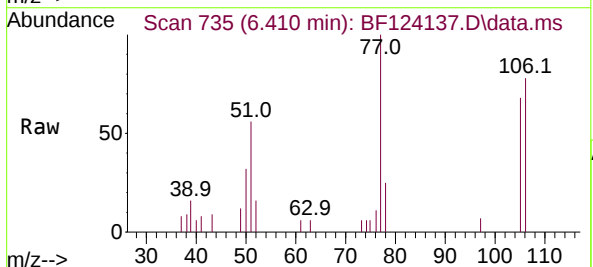
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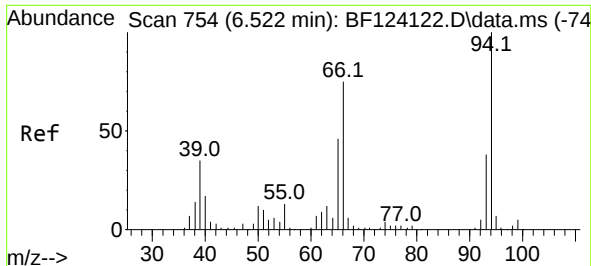
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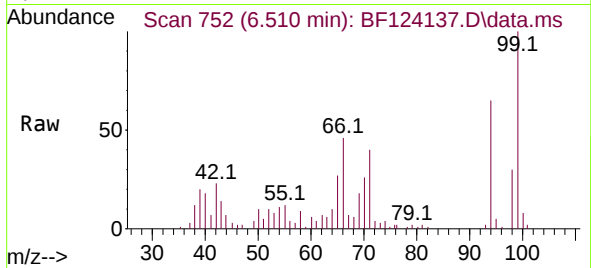
#9
Benzaldehyde
Concen: 2.87 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion: 77 Resp: 4617
Ion Ratio Lower Upper
77 100
105 68.2 75.2 115.2#
106 77.6 71.6 111.6

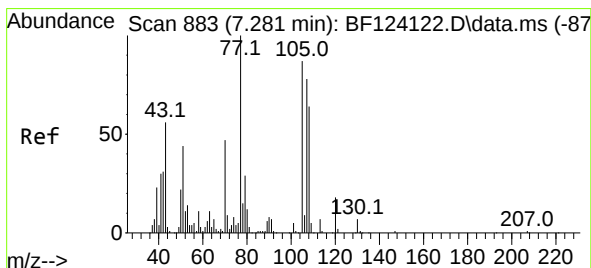
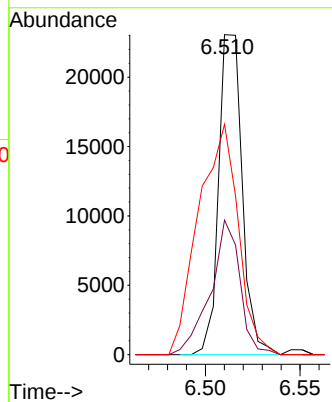
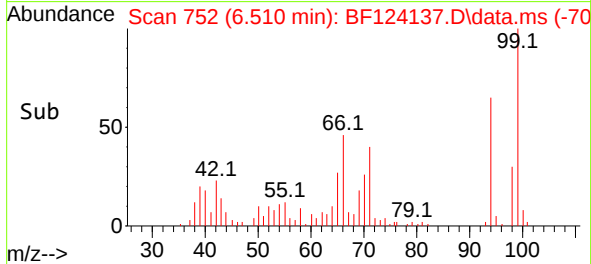




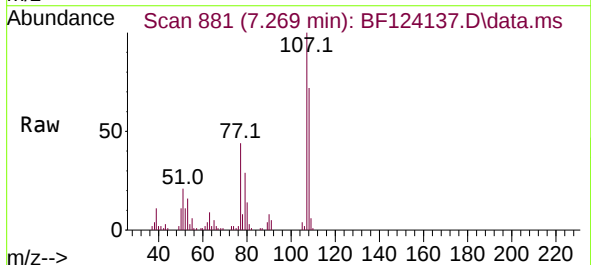
#10
Phenol
Concen: 5.12 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



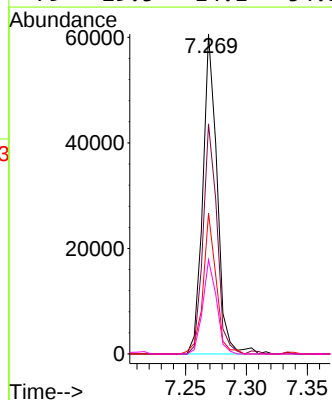
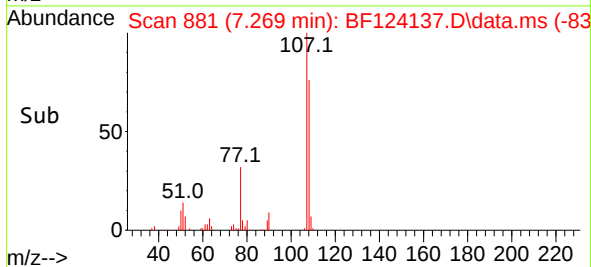
Tgt Ion: 94 Resp: 20057
Ion Ratio Lower Upper
94 100
65 42.0 18.1 58.1
66 72.0 29.0 69.0#



#20
3+4-Methylphenols
Concen: 15.31 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



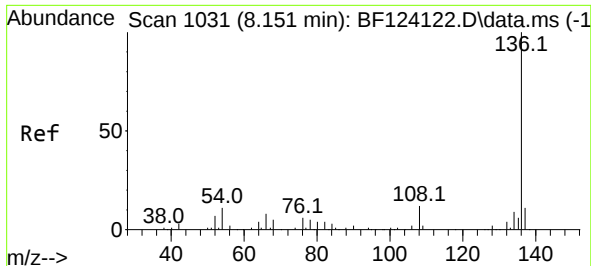
Tgt Ion: 107 Resp: 49489
Ion Ratio Lower Upper
107 100
108 71.9 71.5 111.5
77 44.0 82.0 122.0#
79 29.5 14.1 54.1



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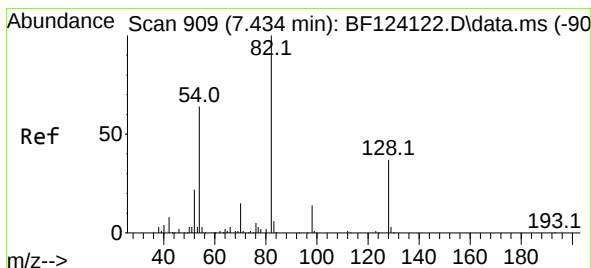
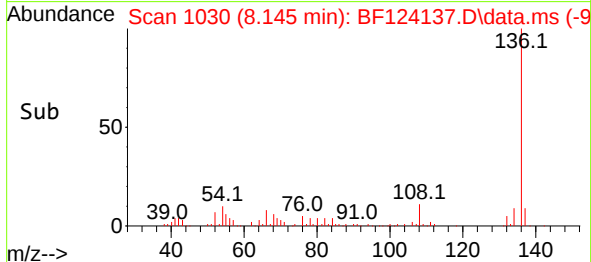
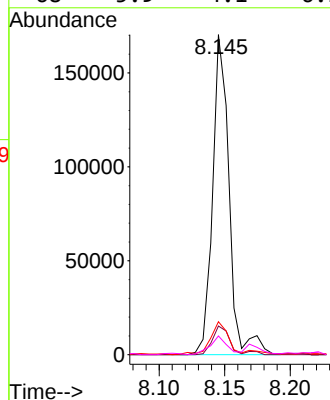
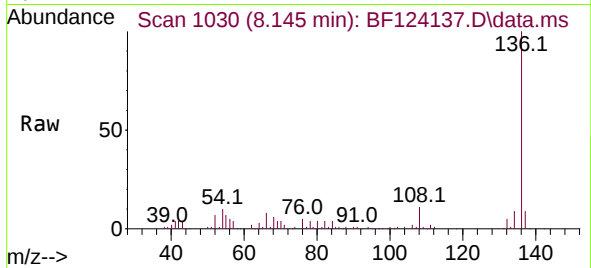
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion:	136	Resp:	149212
Ion Ratio	Lower	Upper	
136	100		
137	8.9	8.7	13.1
54	10.3	9.8	14.6
68	5.9	4.1	6.1

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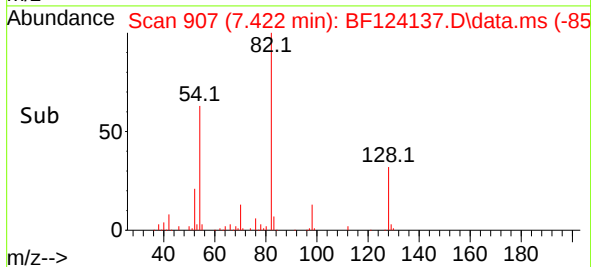
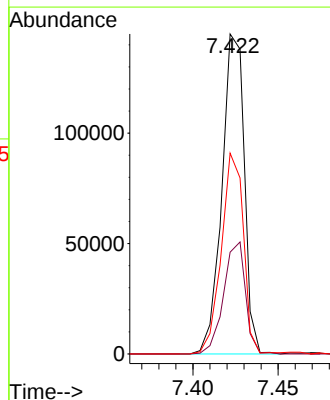
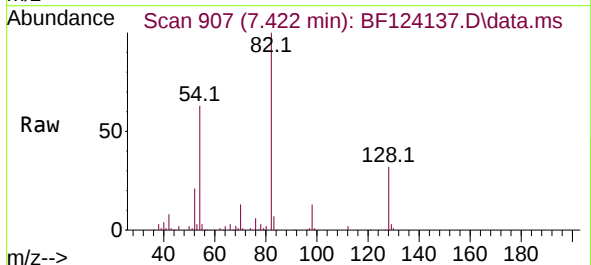
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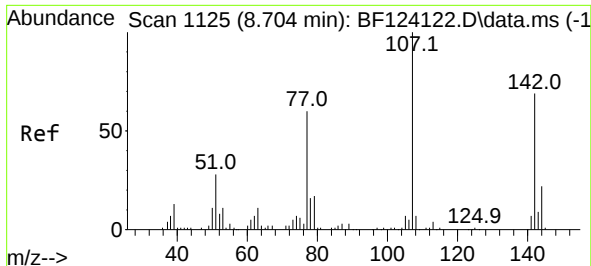
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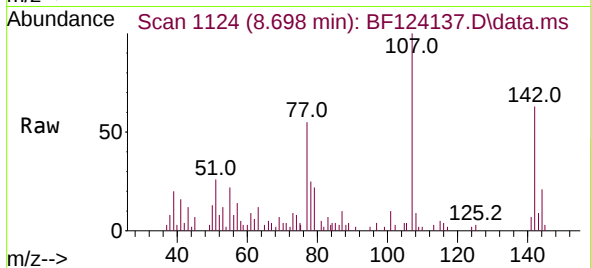
#23
Nitrobenzene-d5
Concen: 35.27 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion:	82	Resp:	132692
Ion Ratio	Lower	Upper	
82	100		
128	31.8	29.4	44.2
54	62.8	54.1	81.1

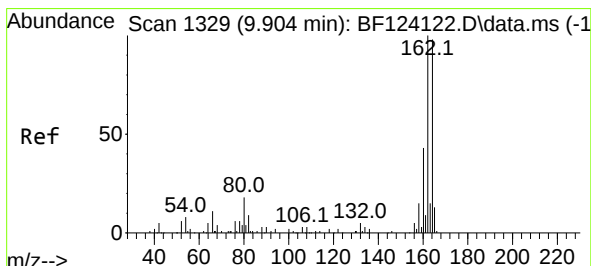
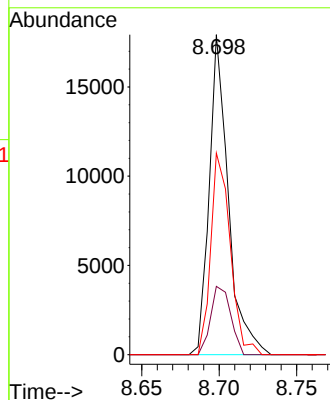
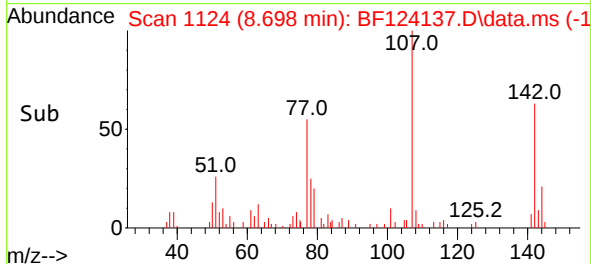




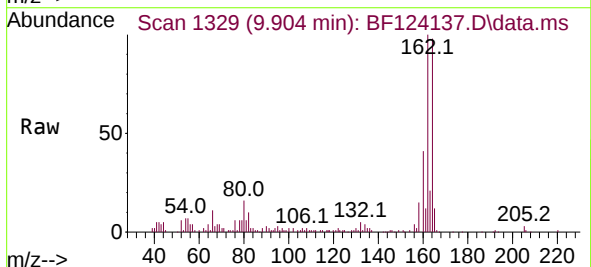
#36
4-Chloro-3-methylphenol
Concen: 5.09 ng
RT: 8.698 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



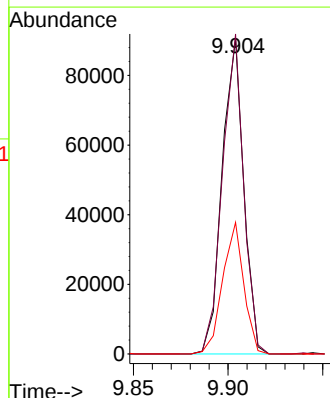
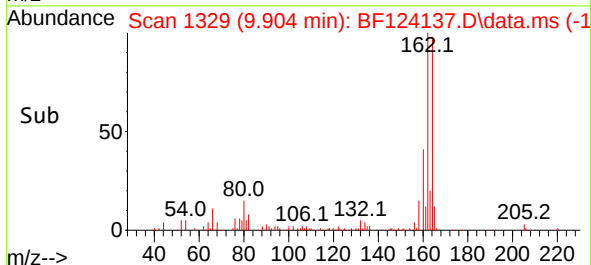
Tgt Ion:107 Resp: 15325
Ion Ratio Lower Upper
107 100
144 21.4 16.3 24.5
142 63.0 50.1 75.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



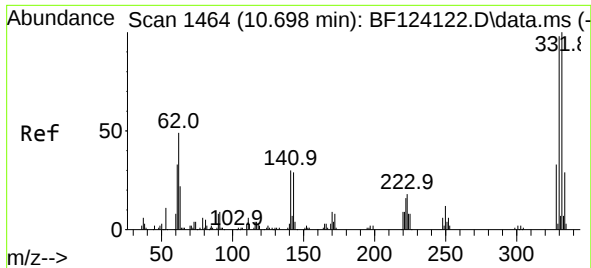
Tgt Ion:164 Resp: 71741
Ion Ratio Lower Upper
164 100
162 101.6 80.7 121.1
160 41.8 37.3 55.9



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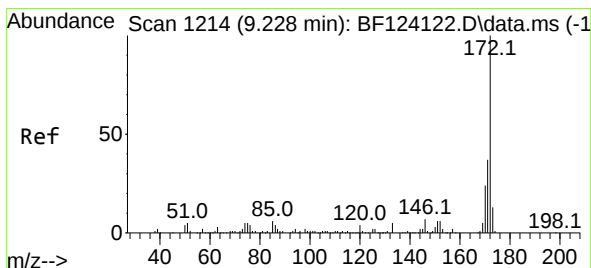
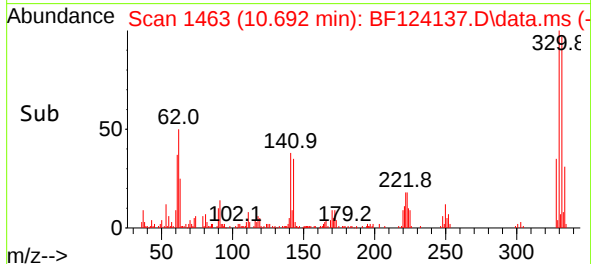
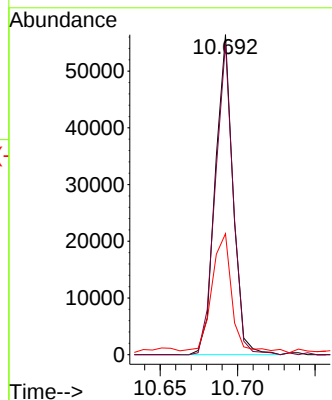
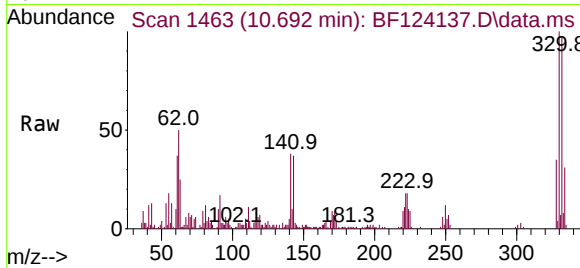
#42
2,4,6-Tribromophenol
Concen: 44.06 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion: 330 Resp: 44783
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 42.7 27.9 41.9#

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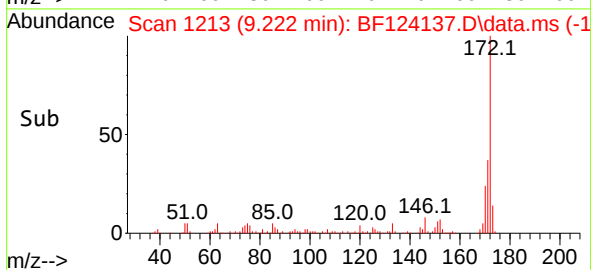
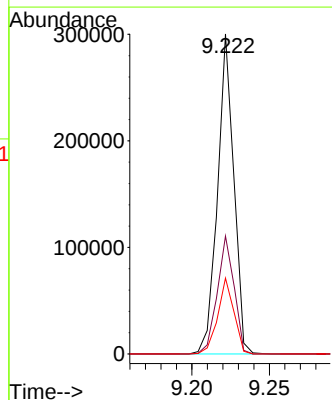
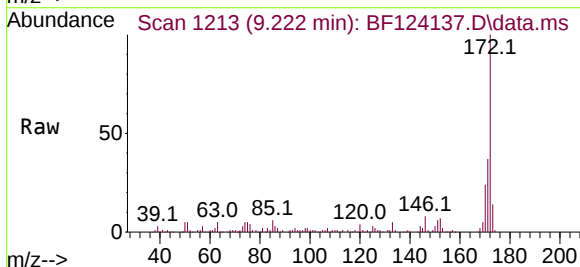
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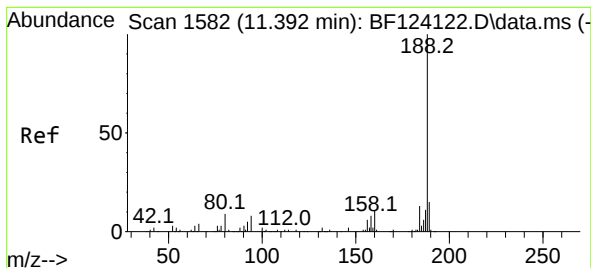
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#45
2-Fluorobiphenyl
Concen: 38.36 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124137.D
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Tgt Ion: 172 Resp: 218712
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.7 19.2 28.8





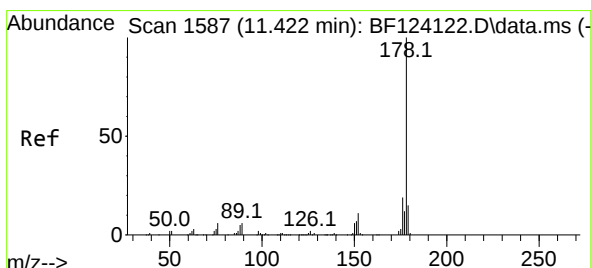
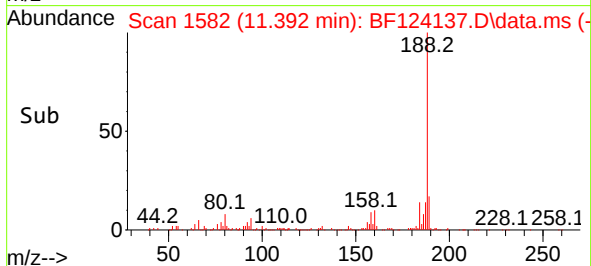
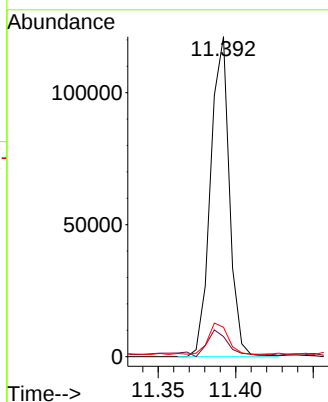
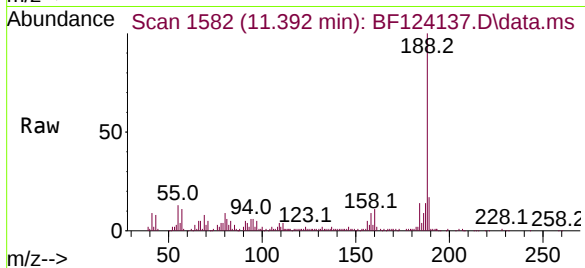
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion:188 Resp: 102503
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 9.2 8.2 12.2

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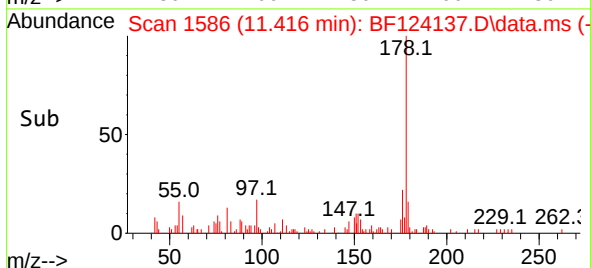
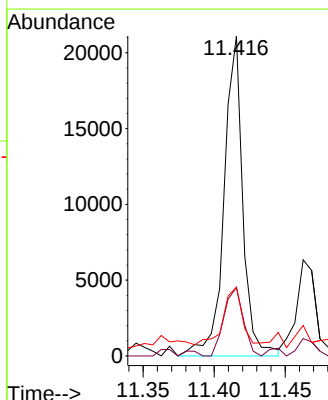
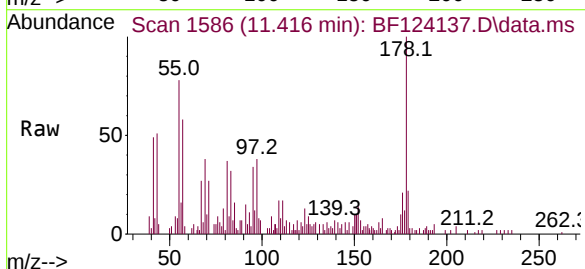
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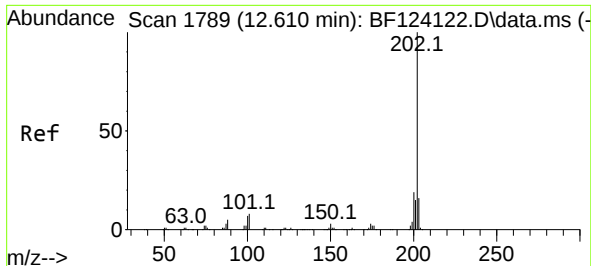
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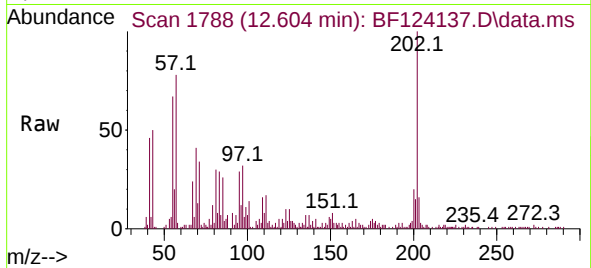
#71
Phenanthrene
Concen: 3.04 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion:178 Resp: 19449
Ion Ratio Lower Upper
178 100
176 21.4 15.6 23.4
179 21.5 12.5 18.7#

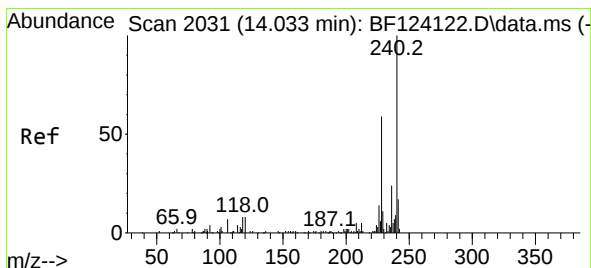
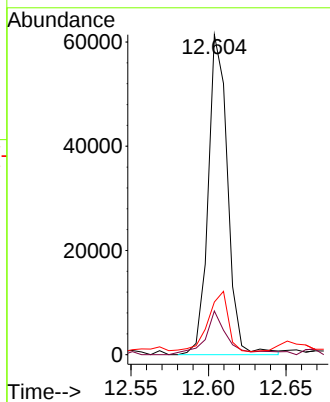
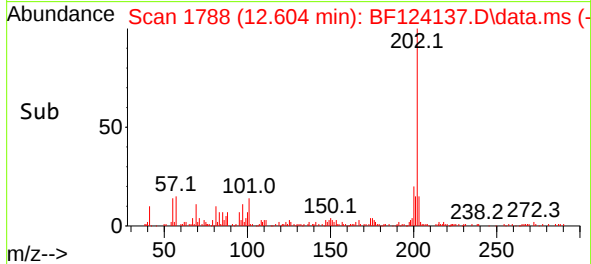




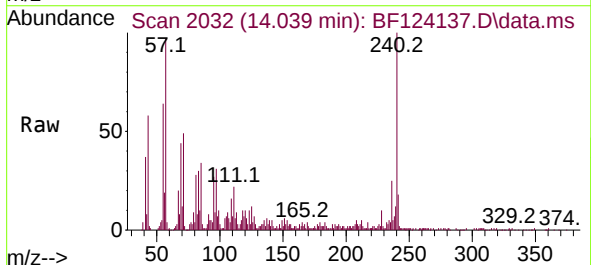
#75
Fluoranthene
Concen: 7.95 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



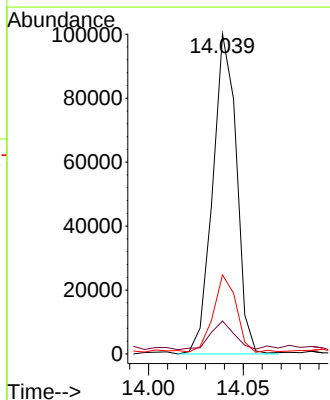
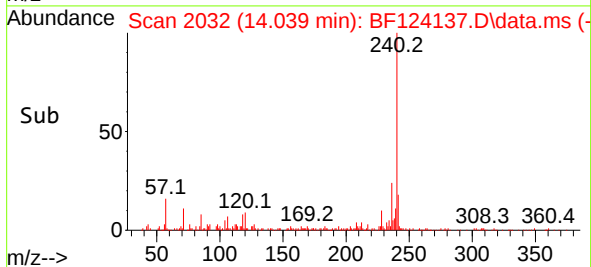
Tgt Ion:202 Resp: 53451
Ion Ratio Lower Upper
202 100
101 13.6 0.0 30.9
203 16.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



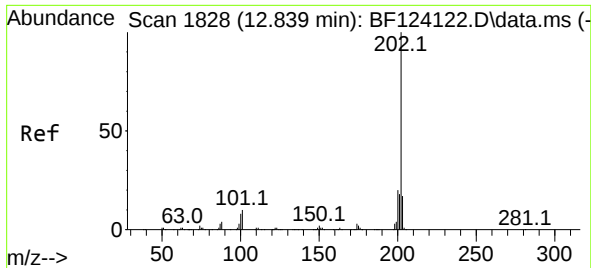
Tgt Ion:240 Resp: 87712
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 24.7 19.0 28.4



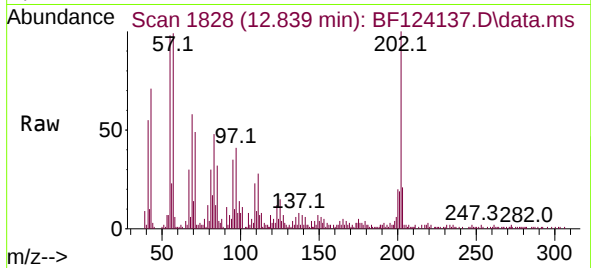
Instrument :
BNA_F
ClientSampleId :
39-41S

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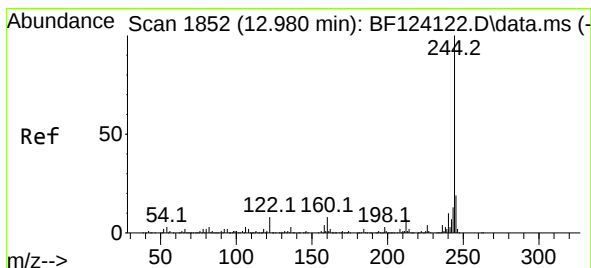
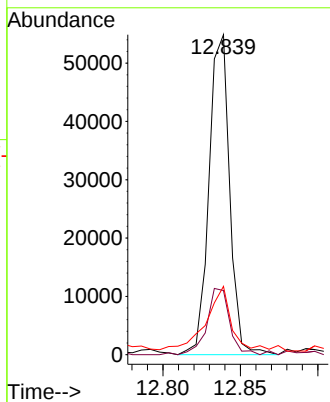
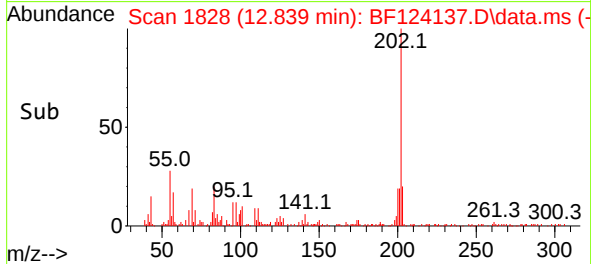
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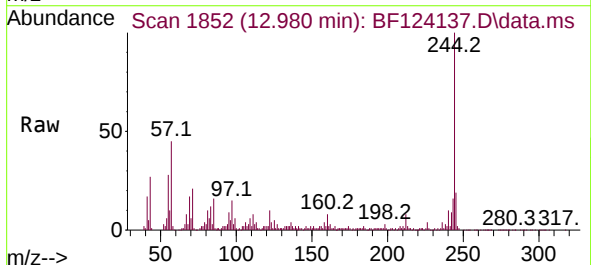
#78
Pyrene
Concen: 6.04 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



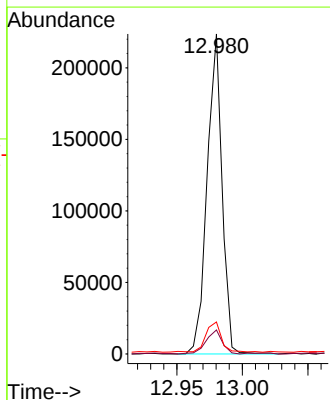
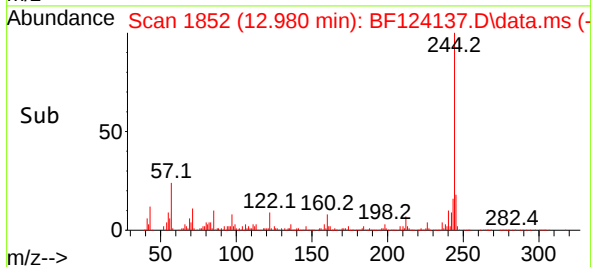
Tgt Ion:	202	Resp:	50907
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.1	24.1
203	21.4	14.8	22.2



#79
Terphenyl-d14
Concen: 27.82 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



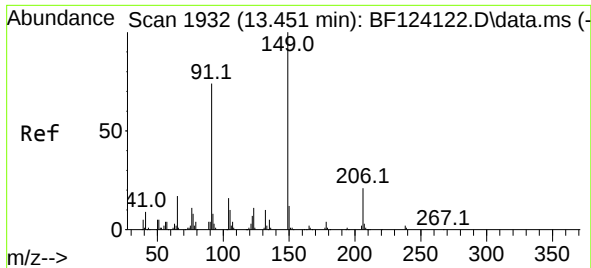
Tgt Ion:	244	Resp:	177700
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.7	8.5
122	10.0	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
39-41S

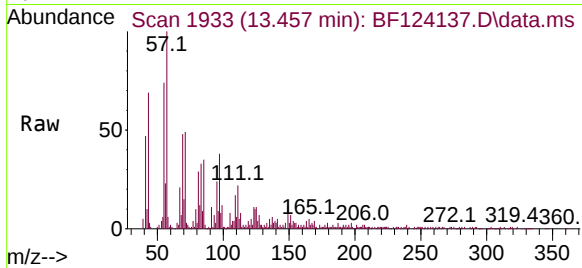
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#80
Butylbenzylphthalate
Concen: 2.22 ng
RT: 13.457 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

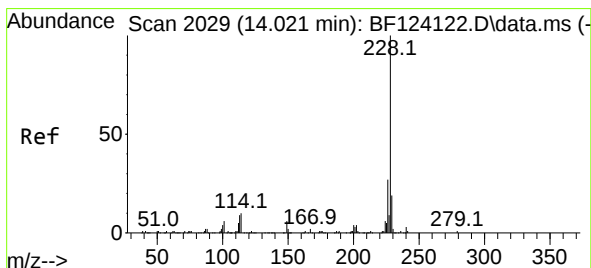
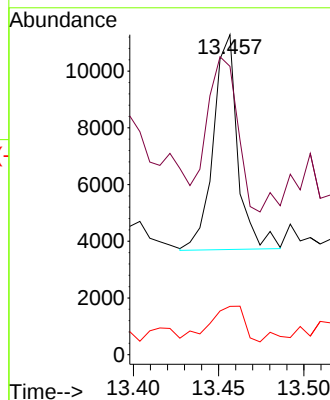
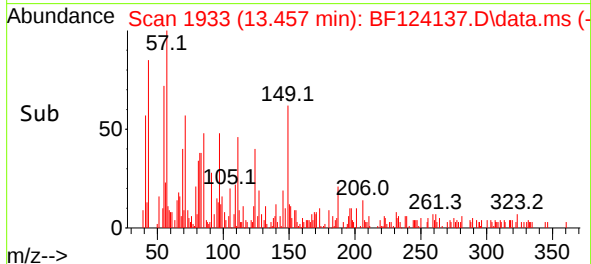
Instrument :
BNA_F
ClientSampled :
39-41S



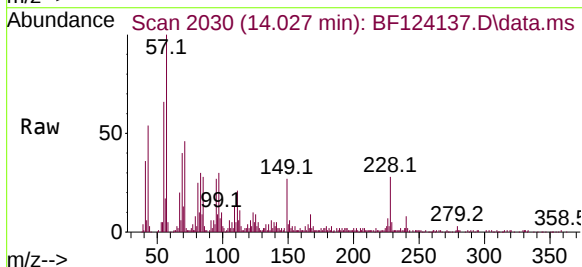
Tgt Ion:149 Resp: 7575
Ion Ratio Lower Upper
149 100
91 90.1 63.6 95.4
206 15.1 14.5 21.7

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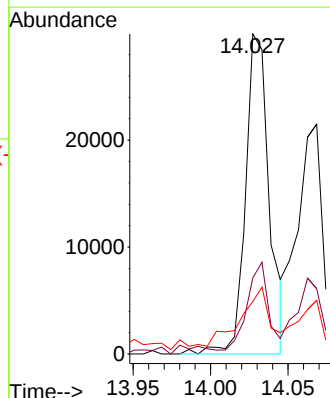
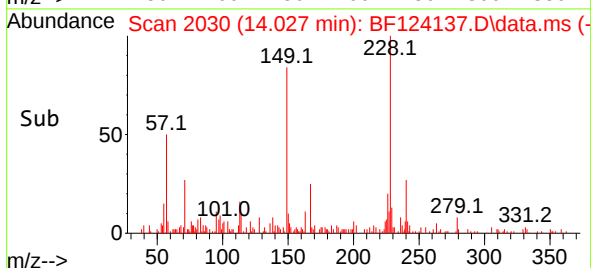
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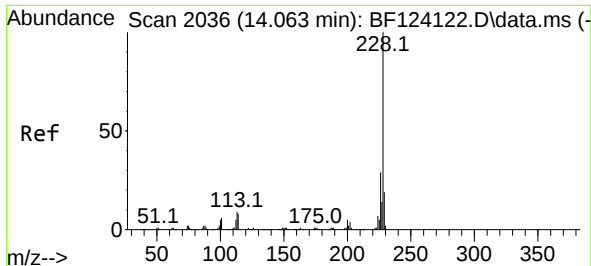


#81
Benzo(a)anthracene
Concen: 5.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



Tgt Ion:228 Resp: 31972
Ion Ratio Lower Upper
228 100
226 23.8 22.4 33.6
229 16.4 16.0 24.0





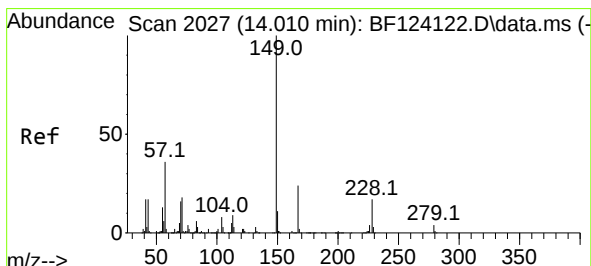
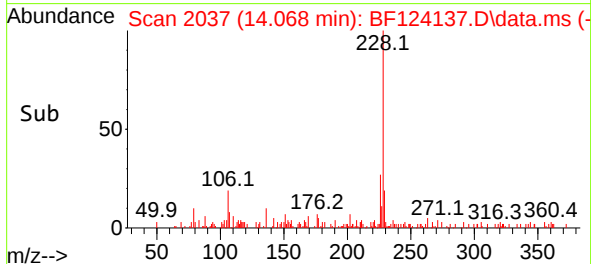
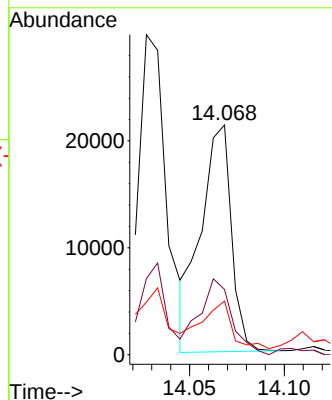
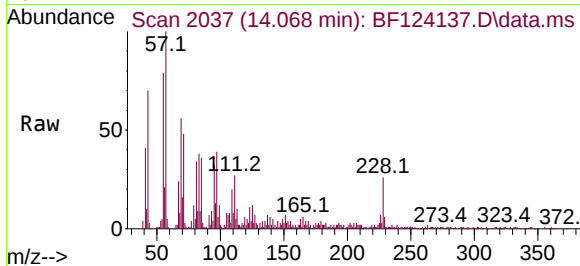
#83
Chrysene
Concen: 3.90 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion:	228	Resp:	24024
Ion Ratio	Lower	Upper	
228	100		
226	28.4	24.3	36.5
229	23.4	16.2	24.2

Instrument :
BNA_F
ClientSampleId :
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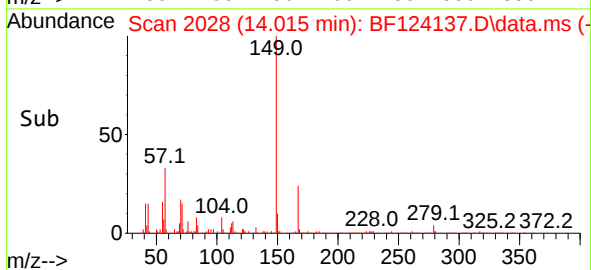
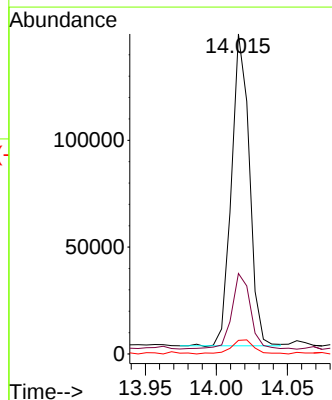
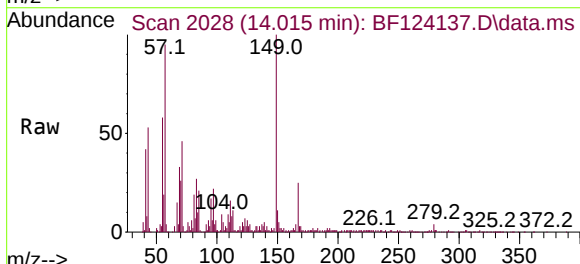
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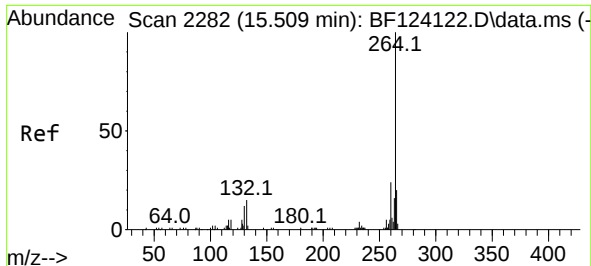
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#84
Bis(2-ethylhexyl)phthalate
Concen: 31.37 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

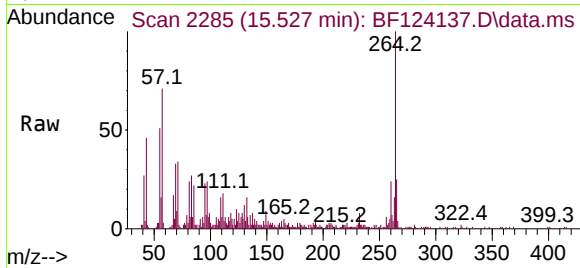
Tgt Ion:	149	Resp:	127492
Ion Ratio	Lower	Upper	
149	100		
167	25.2	21.8	32.6
279	4.3	3.3	4.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.018 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

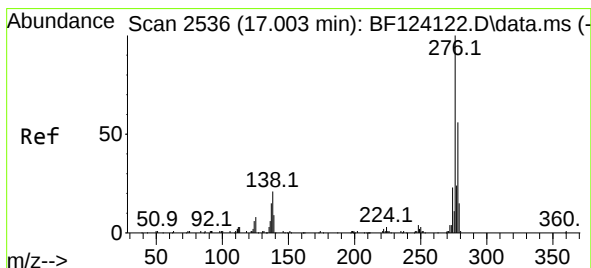
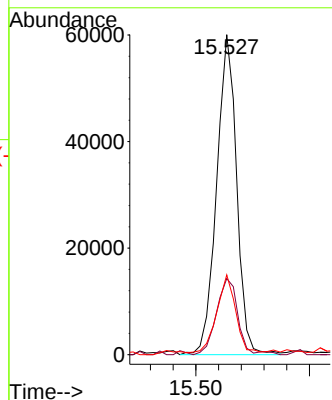
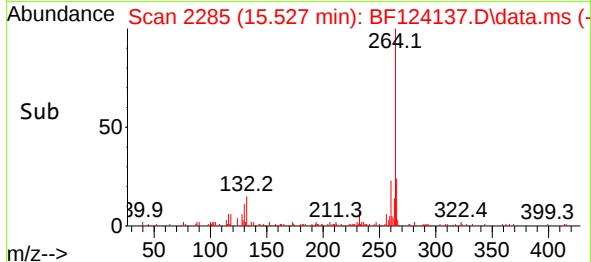
Instrument :
BNA_F
ClientSampleId :
39-41S



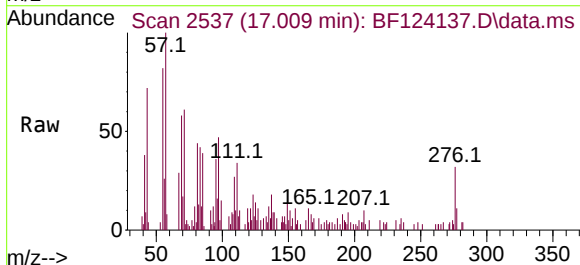
Tgt Ion:264 Resp: 73625
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 25.0 17.8 26.8

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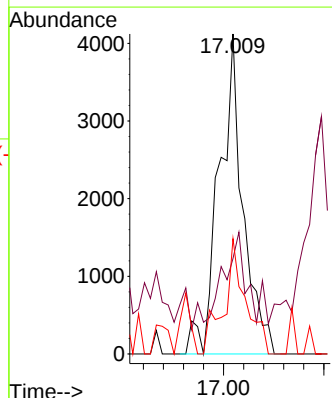
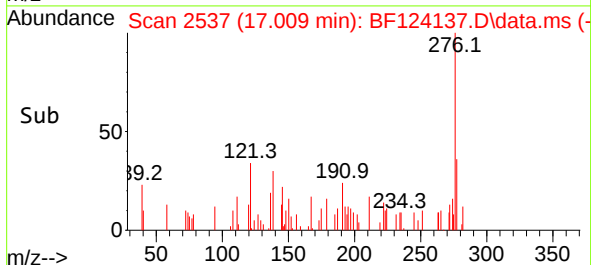
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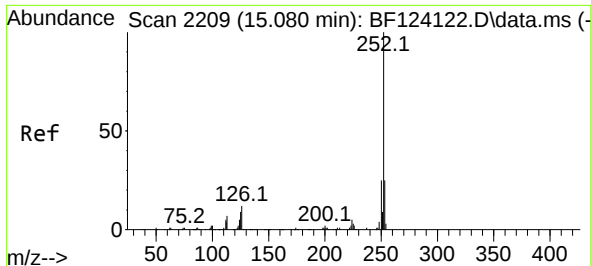


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.35 ng
RT: 17.009 min Scan# 2537
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



Tgt Ion:276 Resp: 6811
Ion Ratio Lower Upper
276 100
138 23.5 16.2 24.2
277 32.9 20.1 30.1#





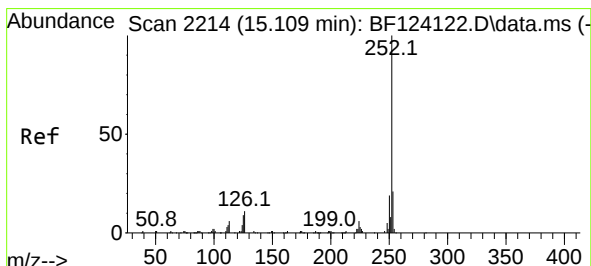
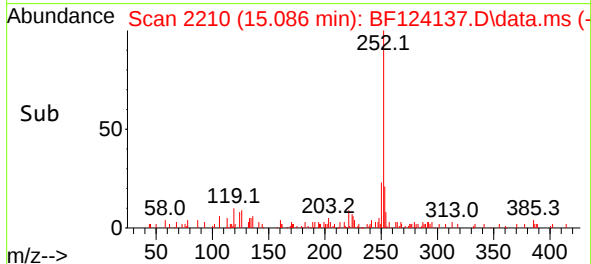
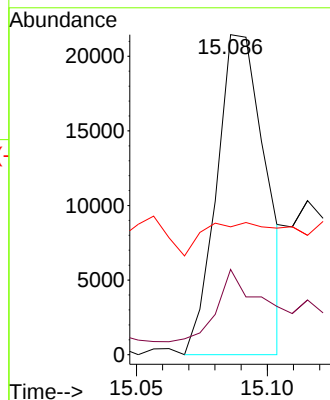
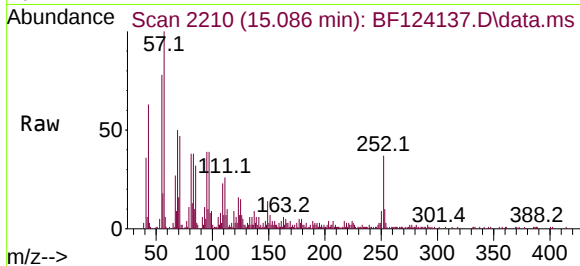
#88
Benzo(b)fluoranthene
Concen: 4.88 ng m
RT: 15.086 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion:252 Resp: 27909
Ion Ratio Lower Upper
252 100
253 26.7 18.1 27.1
125 39.9 6.2 9.4#

Instrument :
BNA_F
ClientSampled :
39-41S

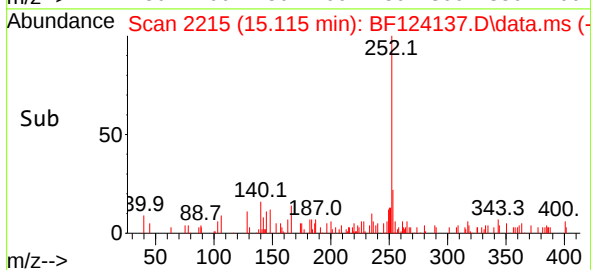
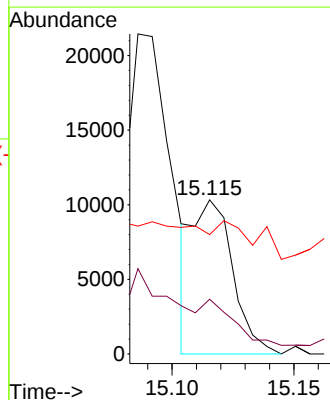
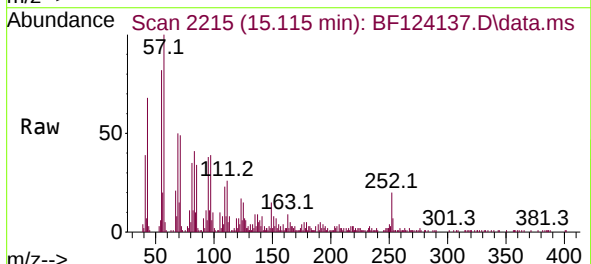
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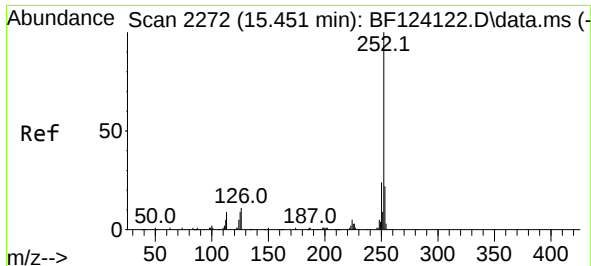
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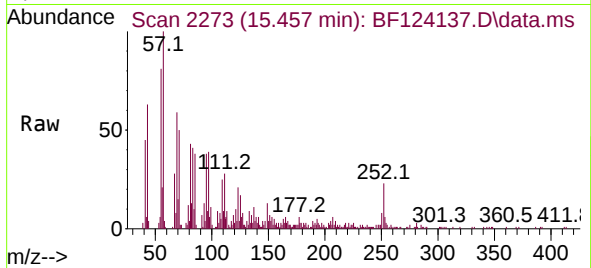
#89
Benzo(k)fluoranthene
Concen: 2.17 ng m
RT: 15.115 min Scan# 2215
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43

Tgt Ion:252 Resp: 11765
Ion Ratio Lower Upper
252 100
253 35.5 17.9 26.9#
125 77.5 7.0 10.6#

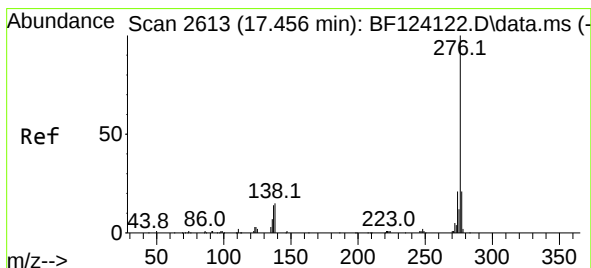
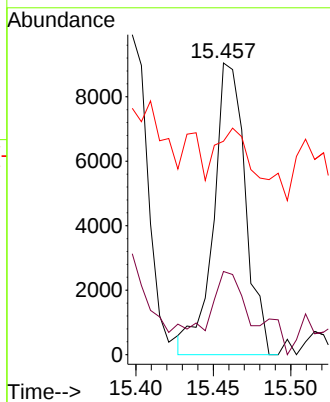
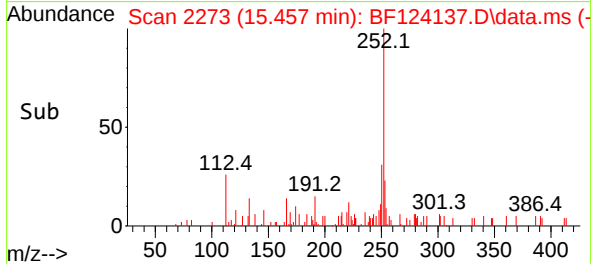




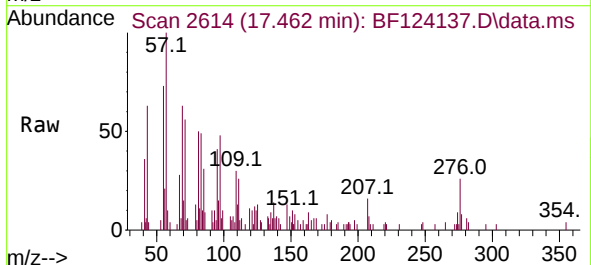
#90
Benzo(a)pyrene
Concen: 2.60 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



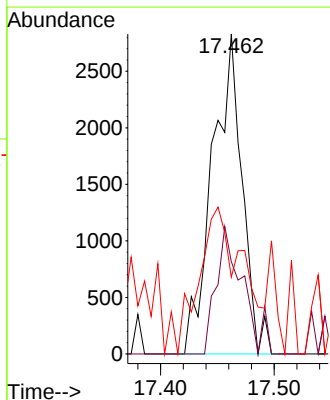
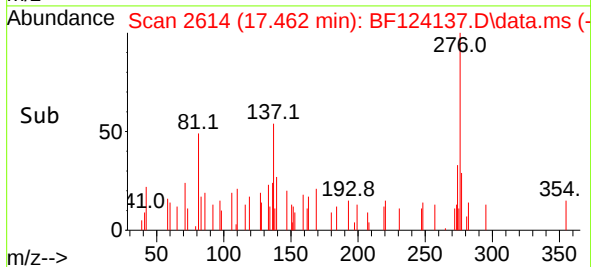
Tgt Ion:252 Resp: 12913
Ion Ratio Lower Upper
252 100
253 28.5 18.4 27.6#
125 73.2 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 4.72 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF124137.D
Acq: 4 Jun 2021 13:43



Tgt Ion:276 Resp: 5134
Ion Ratio Lower Upper
276 100
277 28.8 18.2 27.2#
138 24.0 13.8 20.6#



Instrument :
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ClientSampled :
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