

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124072.D
 Acq On : 26 May 2021 19:36
 Operator : JU/CG
 Sample : M2535-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-1D

Manual Integrations
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Quant Time: May 27 04:53:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	53881m	20.00	ng	0.13
21) Naphthalene-d8	8.263	136	151895	20.00	ng	# 0.08
39) Acenaphthene-d10	9.933	164	94927	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	162917	20.00	ng	0.00
76) Chrysene-d12	14.063	240	111095	20.00	ng	0.00
86) Perylene-d12	15.557	264	99147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	398903m	103.95	ng	0.12
7) Phenol-d6	6.598	99	1259168m	252.94	ng	0.08
23) Nitrobenzene-d5	7.581	82	414496	117.57	ng	0.12
42) 2,4,6-Tribromophenol	10.728	330	141600	124.19	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	524041	67.93	ng	0.00
79) Terphenyl-d14	13.010	244	595722	81.21	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.316	128	14141200	1573.11	ng	# 86
37) 2-Methylnaphthalene	8.957	142	6209010	1019.05	ng	98
38) 1-Methylnaphthalene	9.045	142	2706895	476.11	ng	95
46) 1,1'-Biphenyl	9.363	154	107924	12.91	ng	99
50) Dimethylphthalate	9.645	163	65681	8.67	ng	99
52) Acenaphthene	9.969	154	16047	2.39	ng	# 5
58) Fluorene	10.480	166	47582	6.55	ng	# 76
71) Phenanthrene	11.445	178	71962	6.97	ng	97
72) Anthracene	11.492	178	32295m	3.09	ng	
84) Bis(2-ethylhexyl)phtha...	14.039	149	64031	11.73	ng	93

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

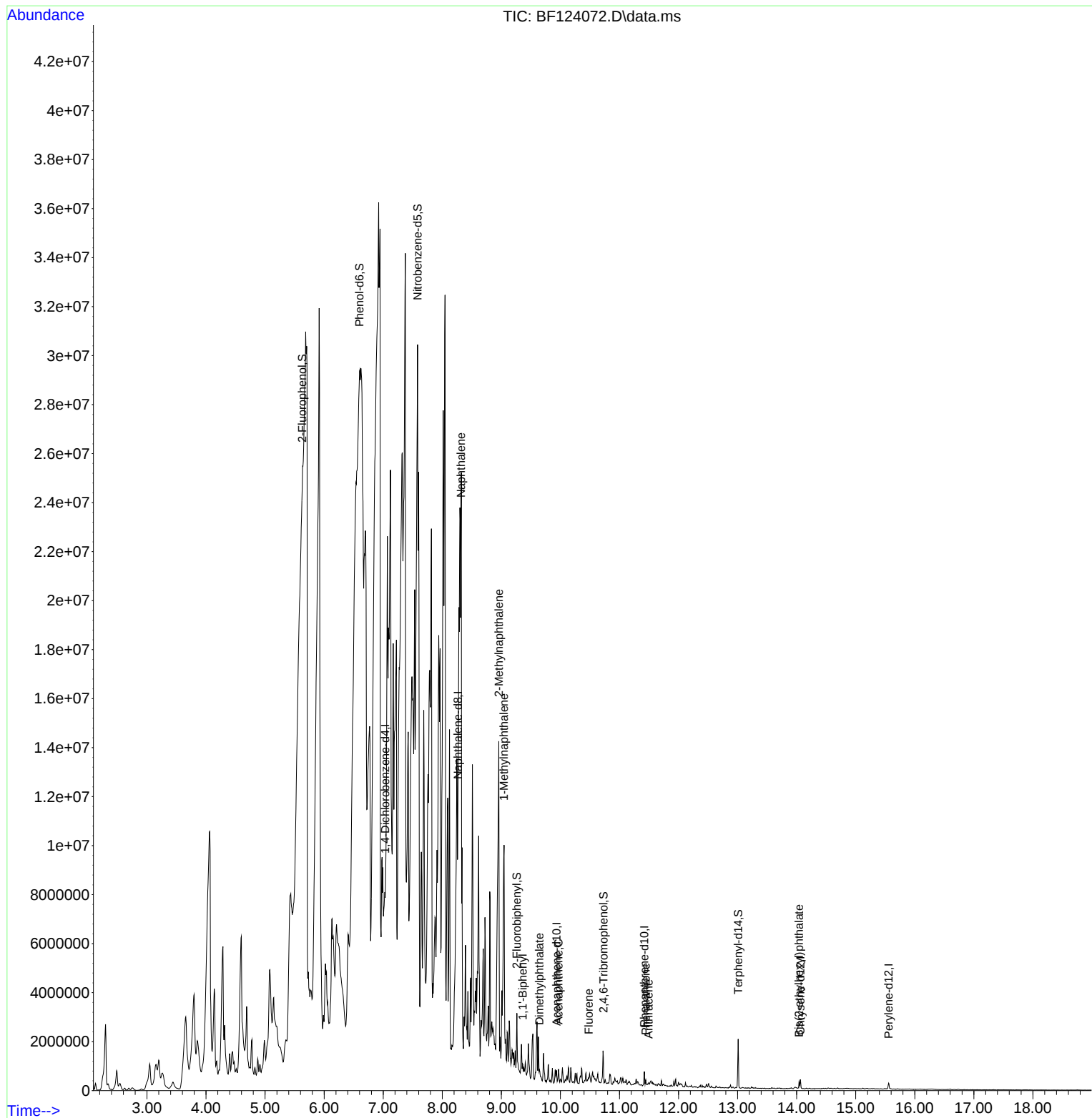
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Data File : BF124072.D
Acq On : 26 May 2021 19:36
Operator : JU/CG
Sample : M2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

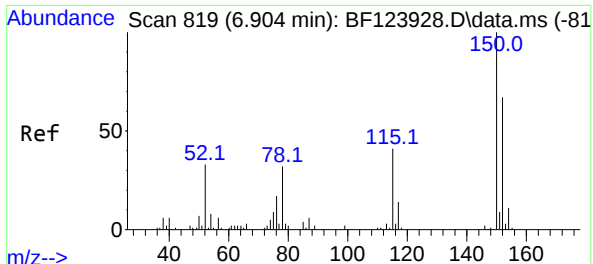
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Quant Time: May 27 04:53:06 2021
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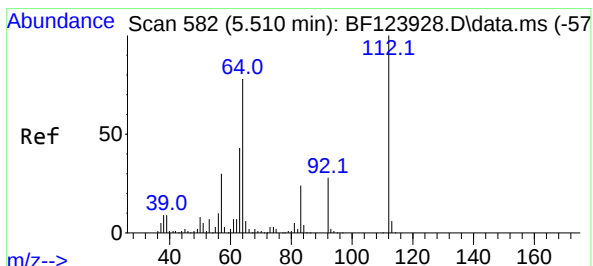
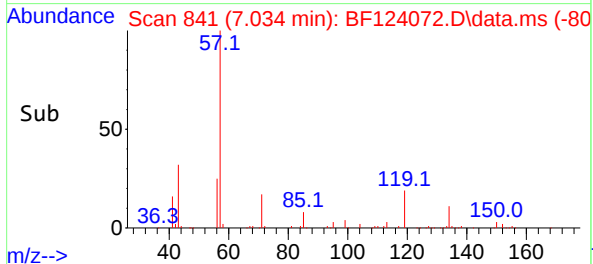
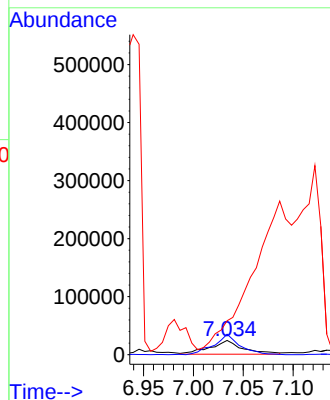
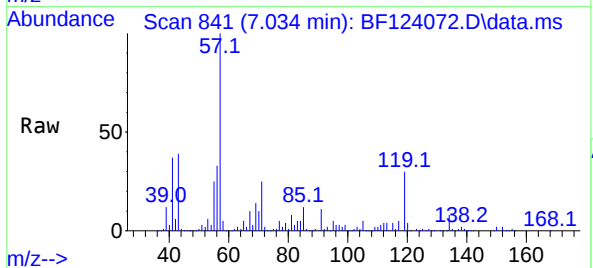
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 7.034 min Scan# 841
Delta R.T. 0.130 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:152 Resp: 53881
Ion Ratio Lower Upper
152 100
150 144.3 127.0 190.6
115 238.7 54.3 81.5#

Instrument :
BNA_F
ClientSampleId :
GHOST-1D

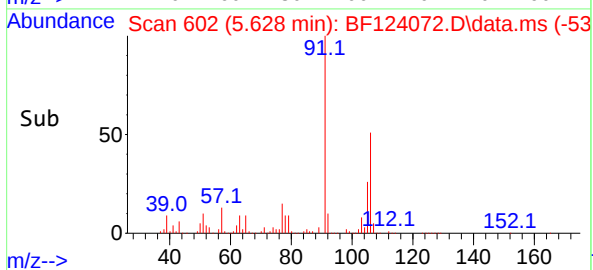
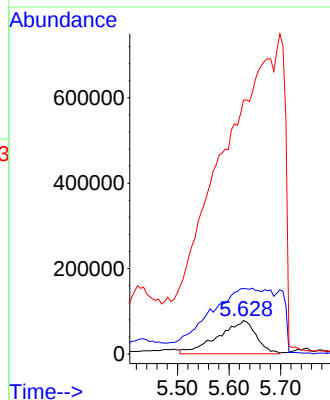
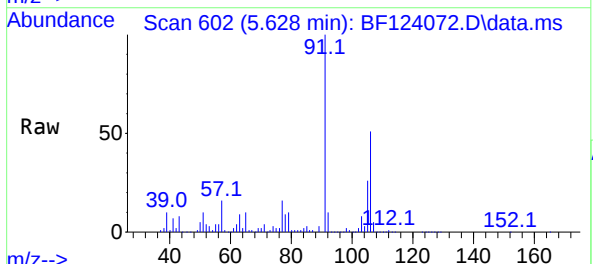
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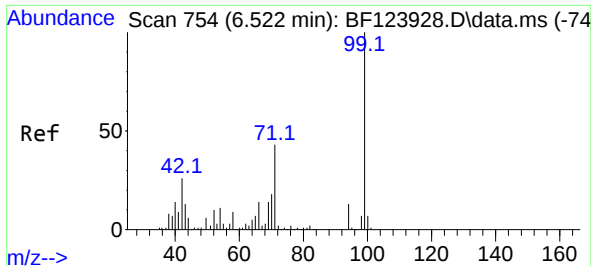
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#5
2-Fluorophenol
Concen: 103.95 ng m
RT: 5.628 min Scan# 602
Delta R.T. 0.118 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:112 Resp: 398903
Ion Ratio Lower Upper
112 100
64 196.1 61.4 92.0#
63 759.7 33.0 49.4#





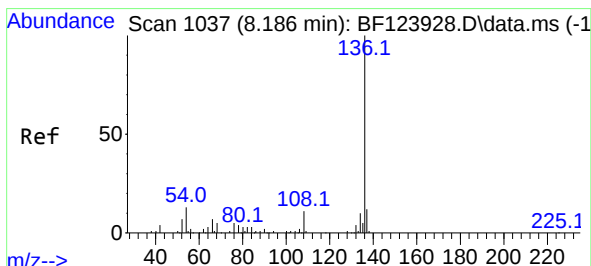
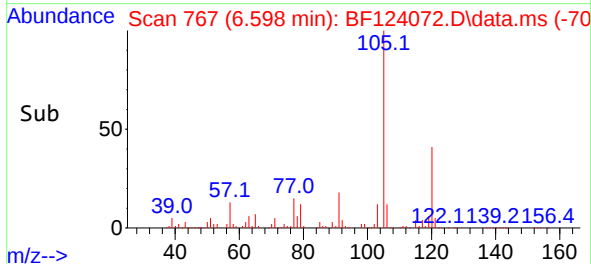
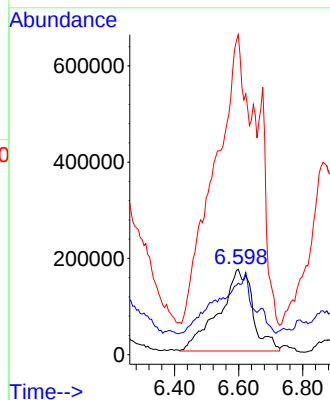
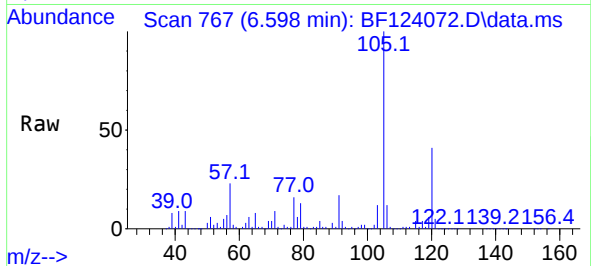
#7
Phenol-d6
Concen: 252.94 ng m
RT: 6.598 min Scan# 767
Delta R.T. 0.077 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion: 99 Resp: 1259168
Ion Ratio Lower Upper
99 100
42 83.6 19.8 29.8#
71 374.3 31.1 46.7#

Instrument :
BNA_F
ClientSampled :
GHOST-1D

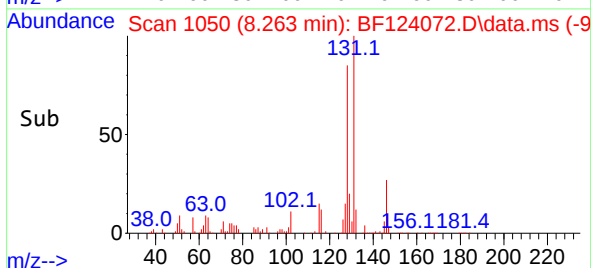
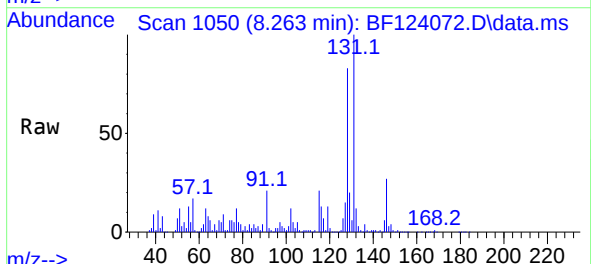
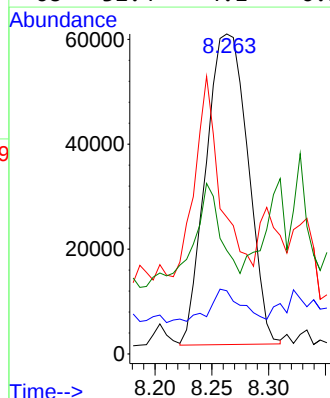
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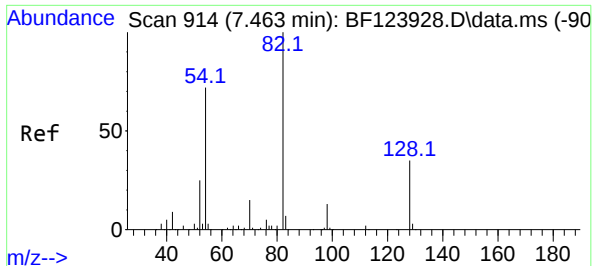
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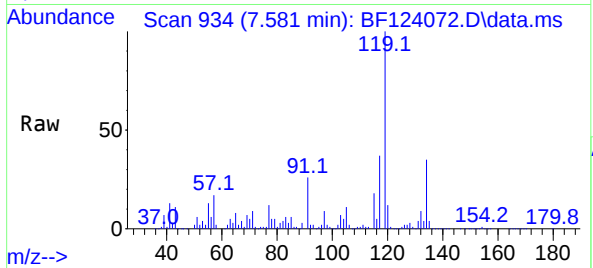
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.077 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion: 136 Resp: 151895
Ion Ratio Lower Upper
136 100
137 19.8 8.7 13.1#
54 42.7 9.8 14.6#
68 32.4 4.1 6.1#

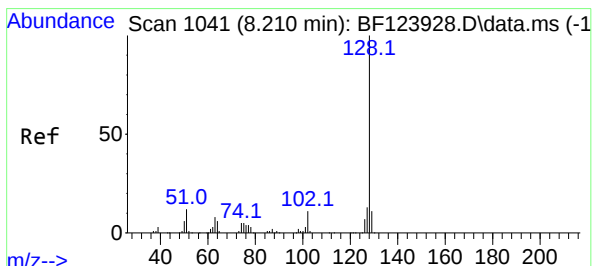
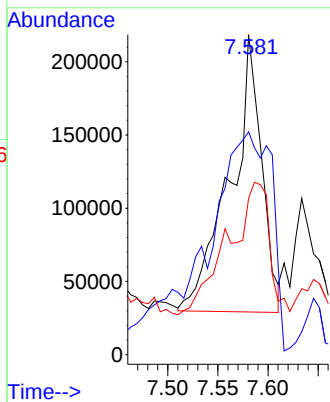
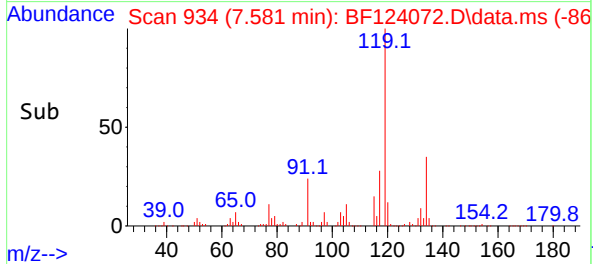




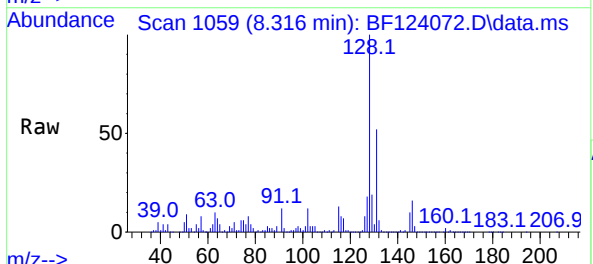
#23
Nitrobenzene-d5
Concen: 117.57 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.118 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36



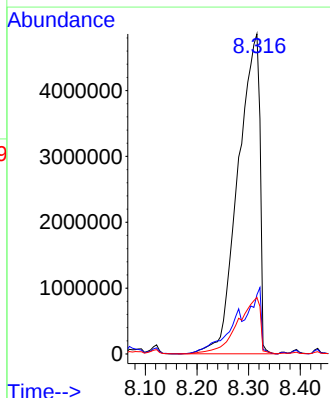
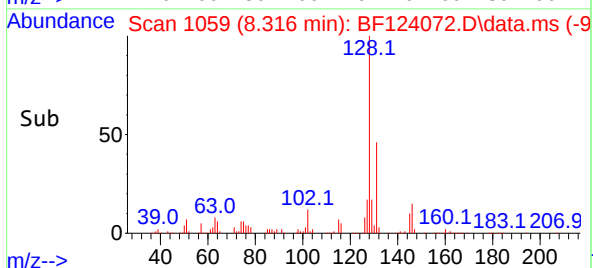
Tgt Ion: 82 Resp: 414496
Ion Ratio Lower Upper
82 100
128 69.7 29.4 44.2#
54 48.9 54.1 81.1#



#31
Naphthalene
Concen: 1573.11 ng
RT: 8.316 min Scan# 1059
Delta R.T. 0.106 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36



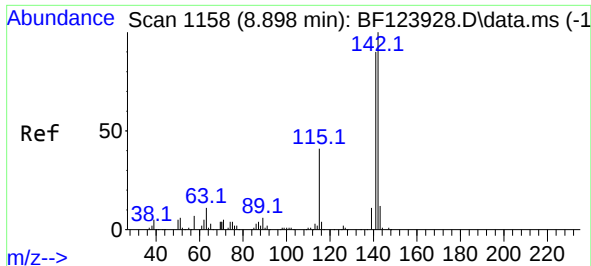
Tgt Ion: 128 Resp: 14141200
Ion Ratio Lower Upper
128 100
129 18.5 8.9 13.3#
127 17.7 10.8 16.2#



Instrument :
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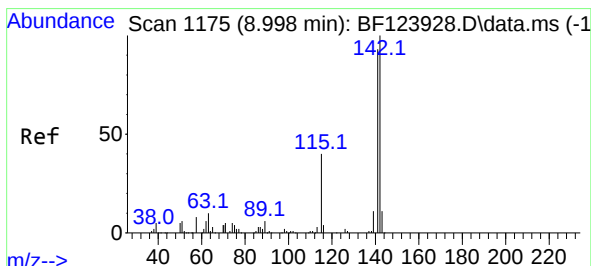
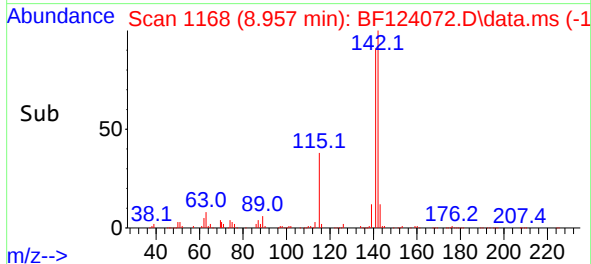
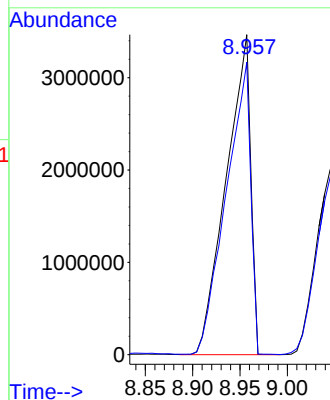
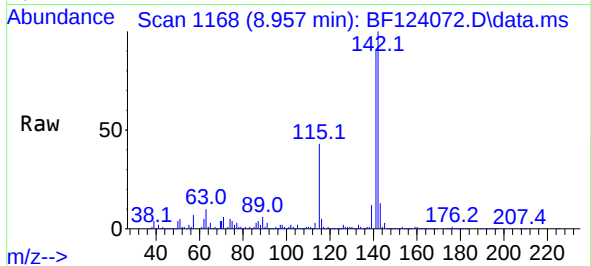
#37
2-Methylnaphthalene
Concen: 1019.05 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.059 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Instrument :
BNA_F
ClientSampleId :
GHOST-1D

Tgt Ion:142 Resp: 6209010
Ion Ratio Lower Upper
142 100
141 91.4 71.8 107.6

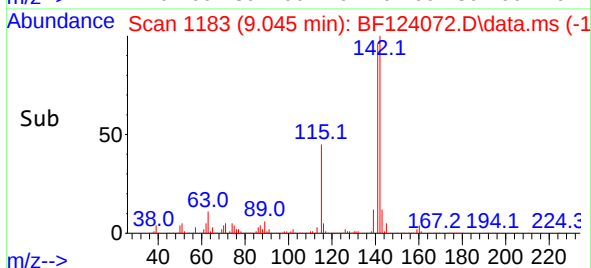
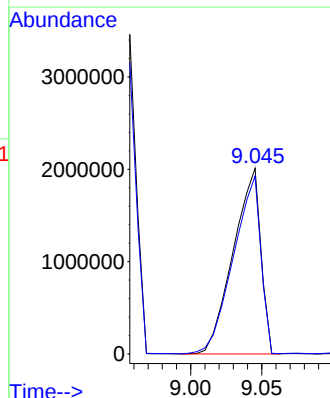
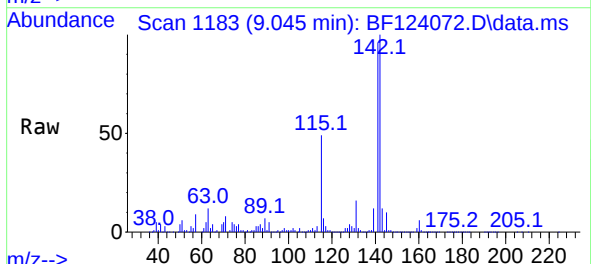
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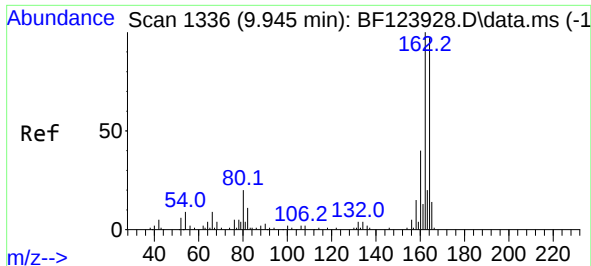
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#38
1-Methylnaphthalene
Concen: 476.11 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.047 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:142 Resp: 2706895
Ion Ratio Lower Upper
142 100
141 95.8 72.8 109.2





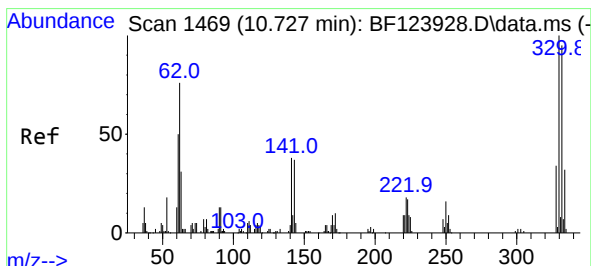
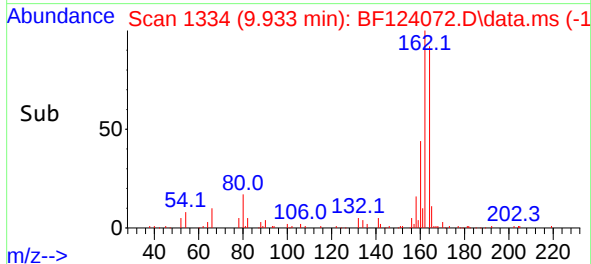
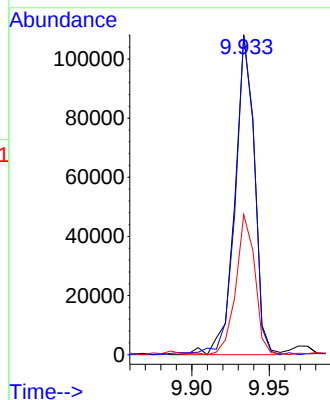
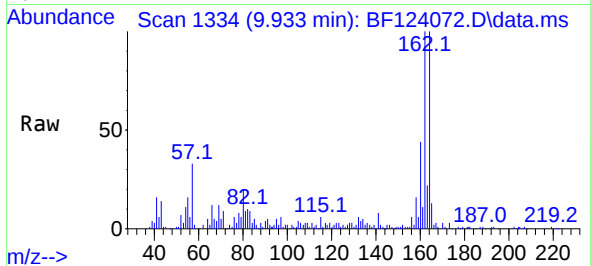
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:164 Resp: 94927
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 43.9 37.3 55.9

Instrument :
BNA_F
ClientSampleId :
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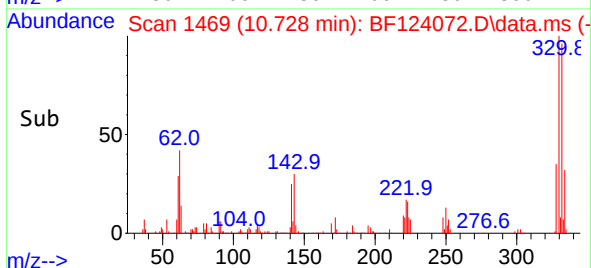
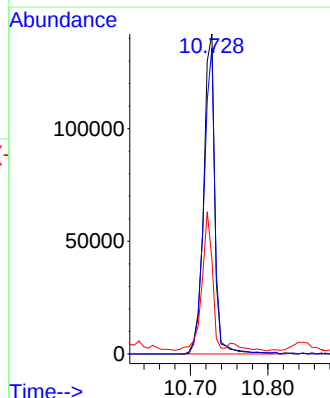
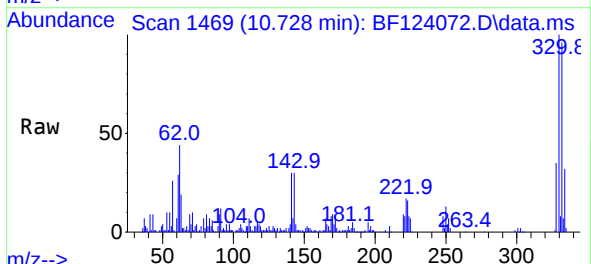
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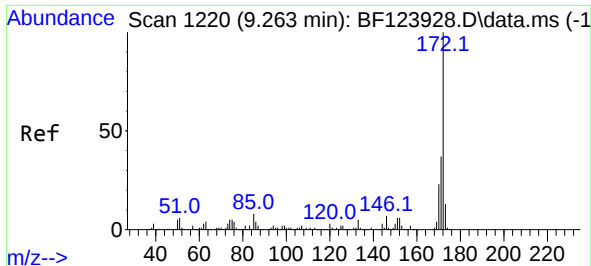
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#42
2,4,6-Tribromophenol
Concen: 124.19 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:330 Resp: 141600
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 40.0 27.9 41.9





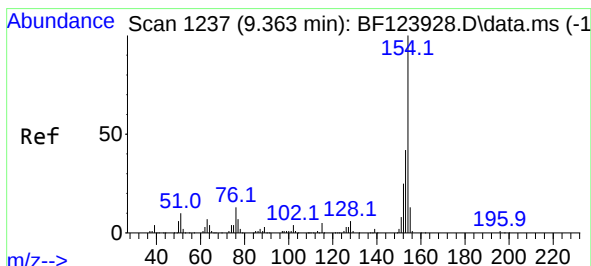
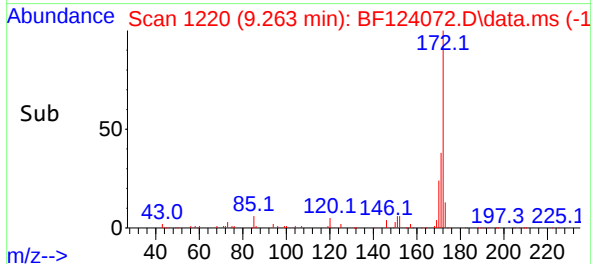
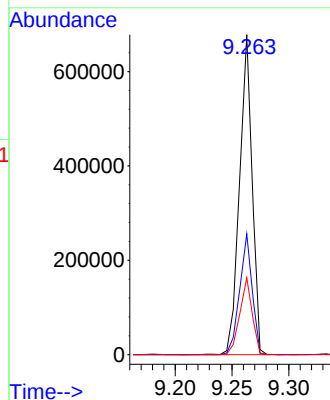
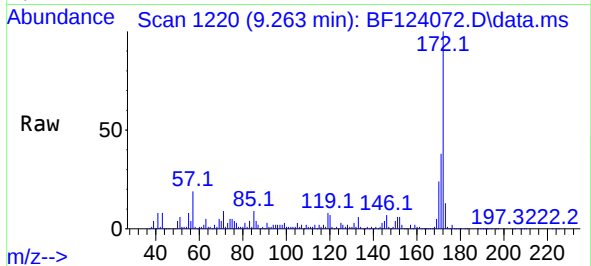
#45
2-Fluorobiphenyl
Concen: 67.93 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:	172	Resp:	524041
Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.1	42.1
170	24.0	19.2	28.8

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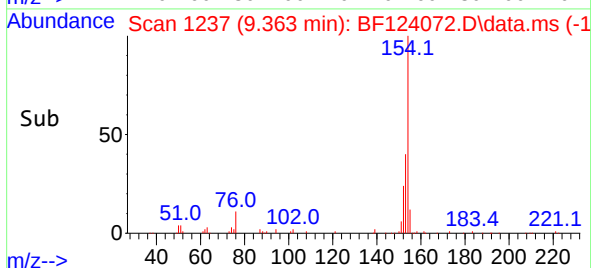
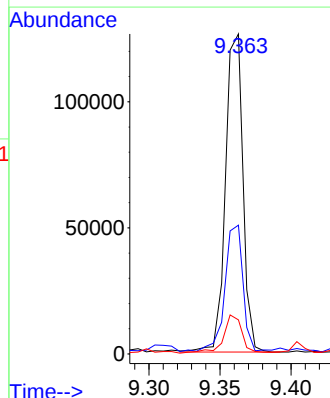
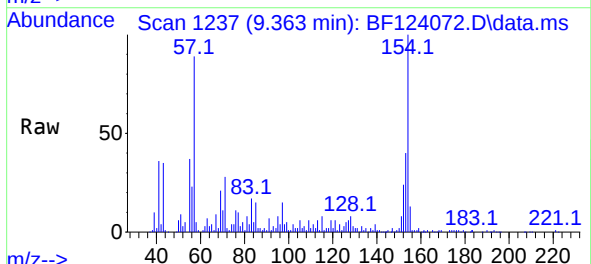
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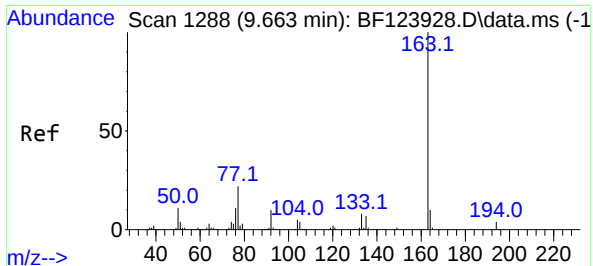
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#46
1,1'-Biphenyl
Concen: 12.91 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:	154	Resp:	107924
Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	10.7	0.0	31.7





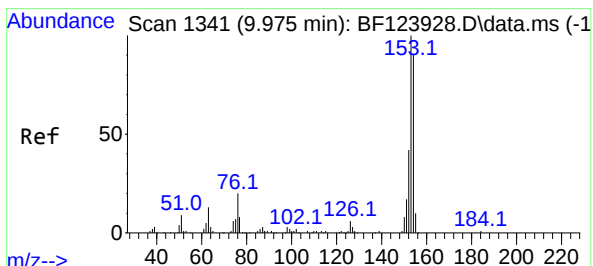
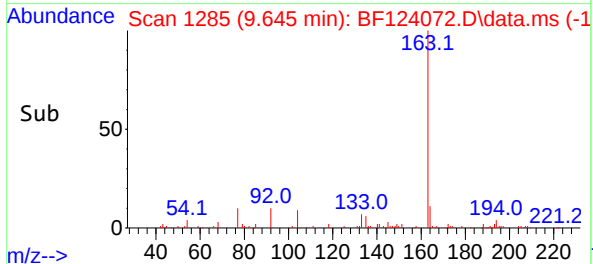
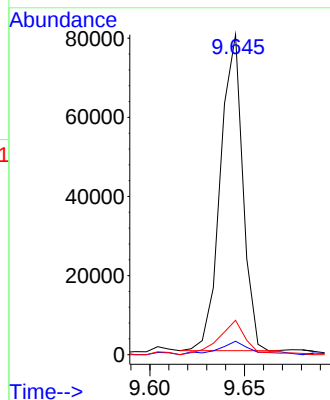
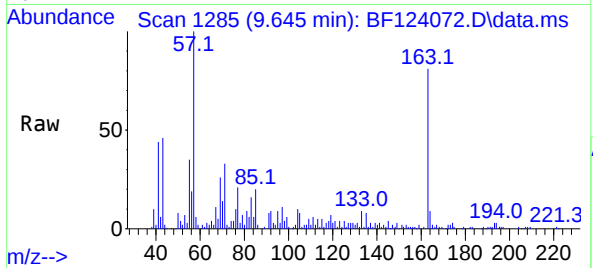
#50
Dimethylphthalate
Concen: 8.67 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:	163	Resp:	65681
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	10.7	8.2	12.2

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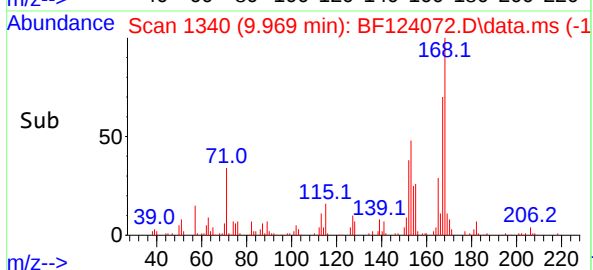
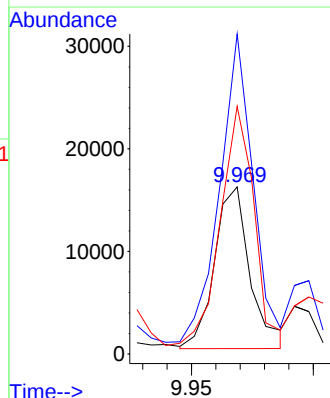
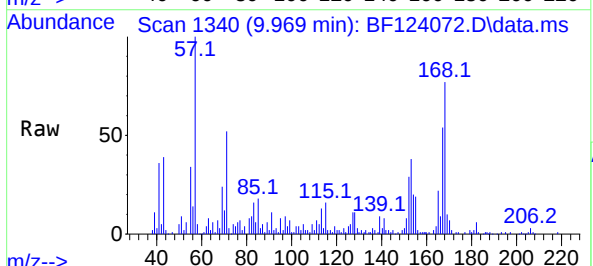
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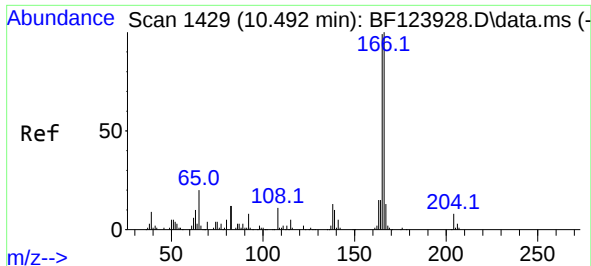
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#52
Acenaphthene
Concen: 2.39 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:	154	Resp:	16047
Ion Ratio	Lower	Upper	
154	100		
153	191.6	88.1	132.1#
152	148.2	43.4	65.0#





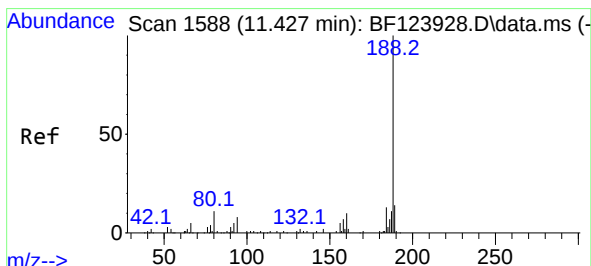
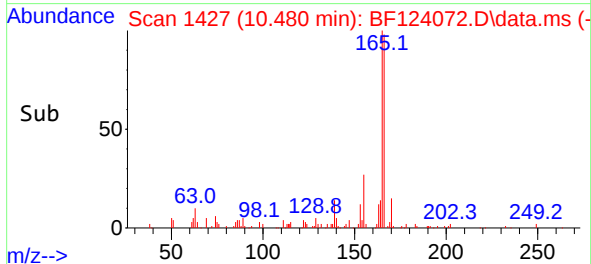
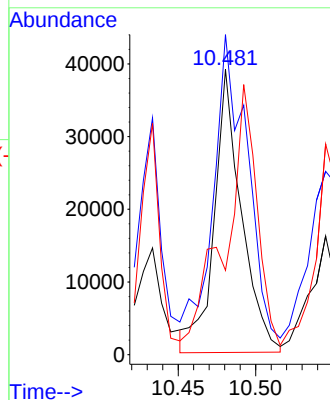
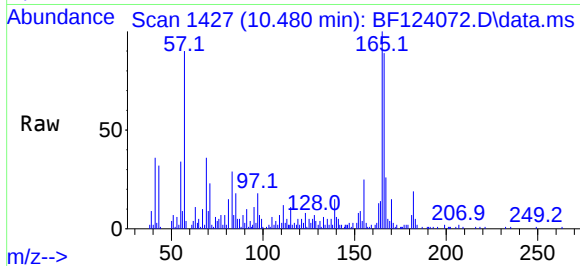
#58
Fluorene
Concen: 6.55 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:166 Resp: 47582
Ion Ratio Lower Upper
166 100
165 112.2 73.5 110.3#
167 29.6 10.7 16.1#

Instrument :
BNA_F
ClientSampled :
GHOST-1D

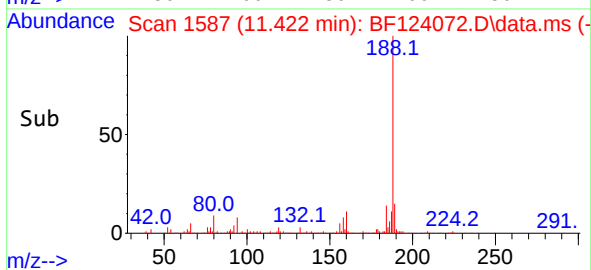
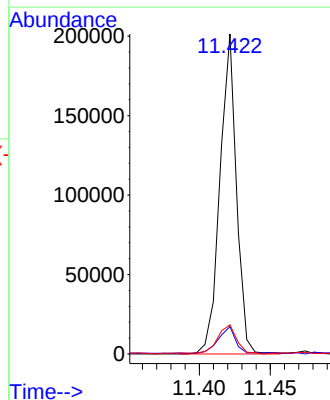
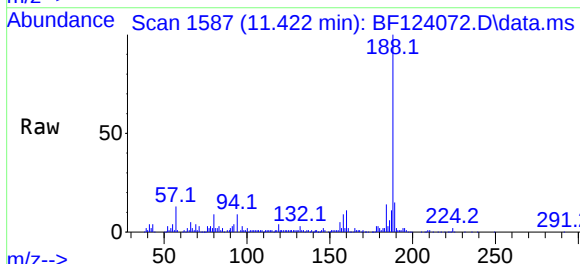
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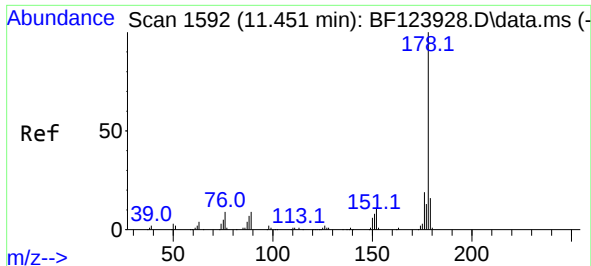
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:188 Resp: 162917
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.1 8.2 12.2





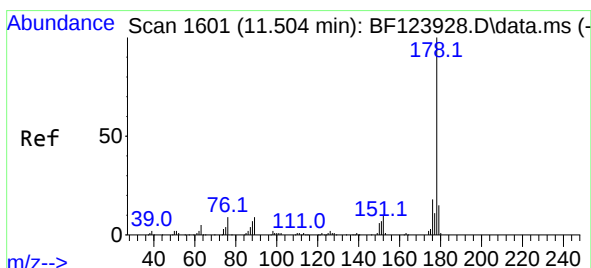
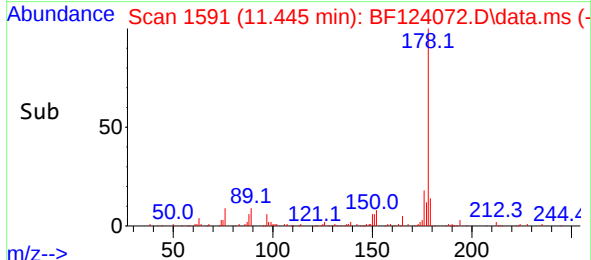
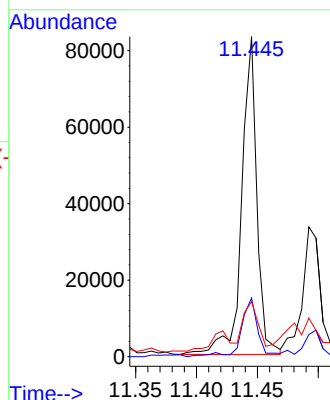
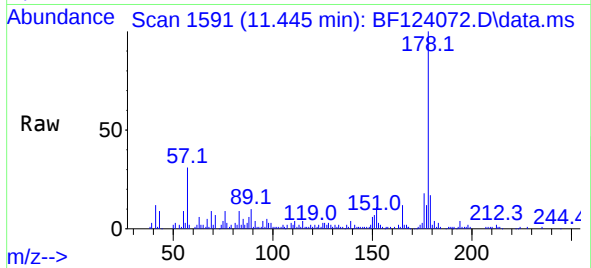
#71
Phenanthrene
Concen: 6.97 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:178 Resp: 71962
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 17.2 12.5 18.7

Instrument :
BNA_F
ClientSampled :
GHOST-1D

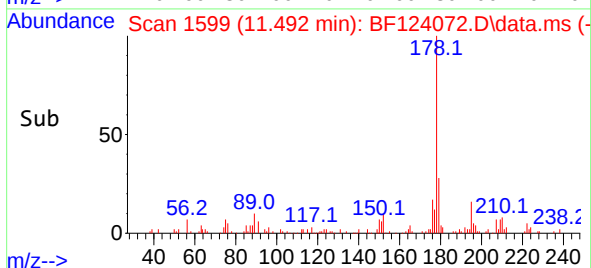
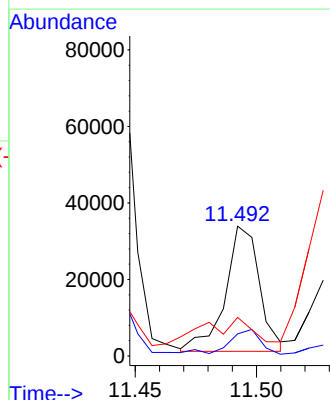
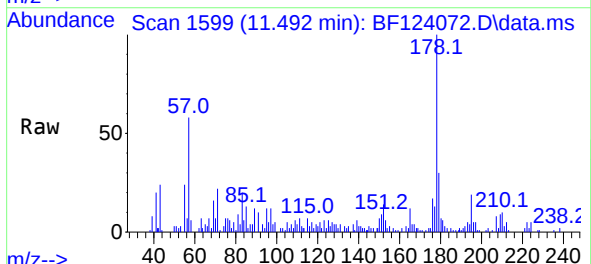
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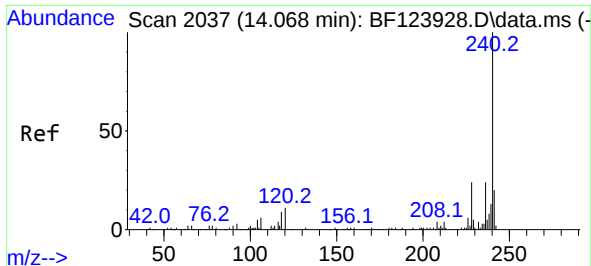
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#72
Anthracene
Concen: 3.09 ng m
RT: 11.492 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:178 Resp: 32295
Ion Ratio Lower Upper
178 100
176 17.0 15.4 23.0
179 29.7 12.6 18.8#





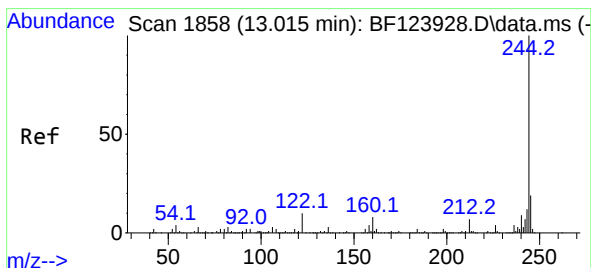
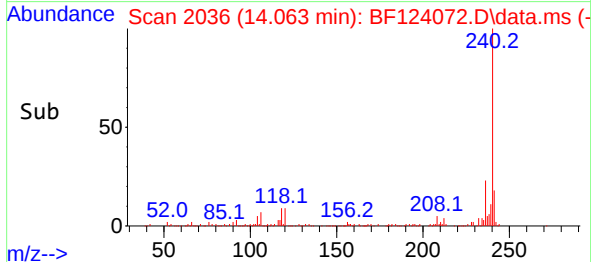
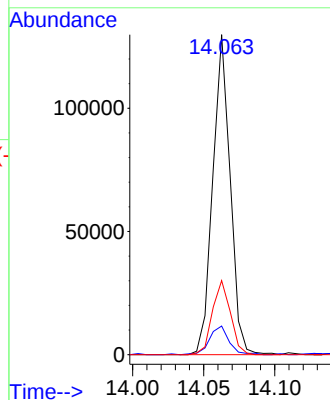
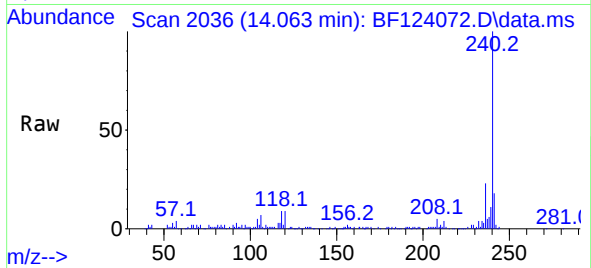
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:240 Resp: 111095
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 23.1 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
GHOST-1D

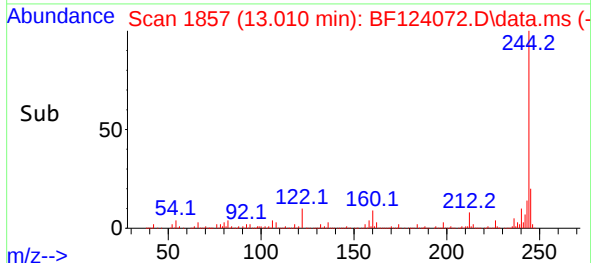
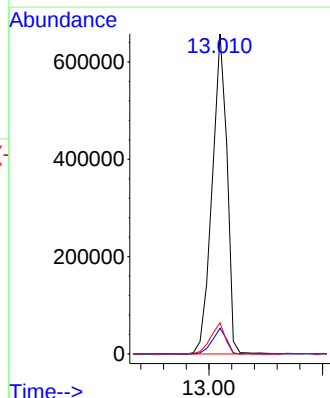
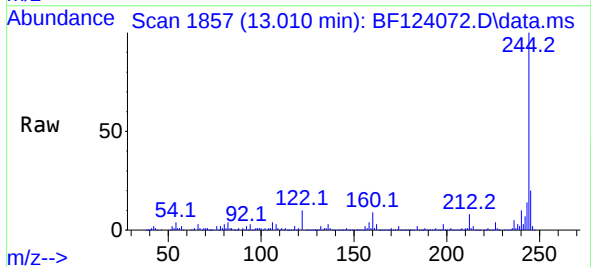
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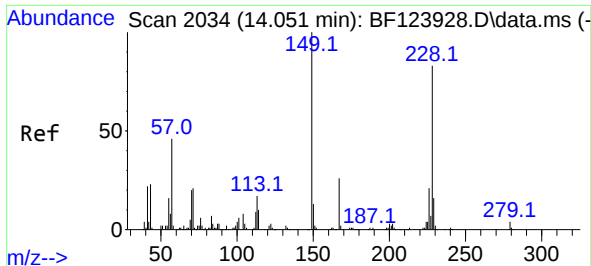
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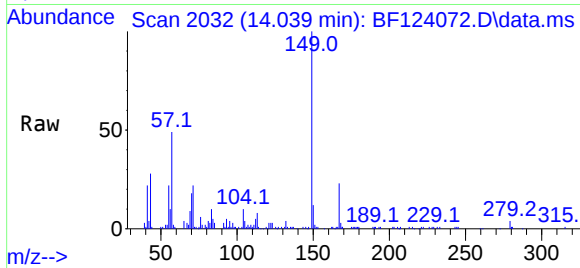
#79
Terphenyl-d14
Concen: 81.21 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36

Tgt Ion:244 Resp: 595722
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 9.8 9.7 14.5

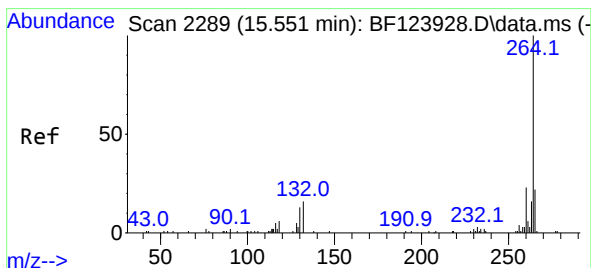
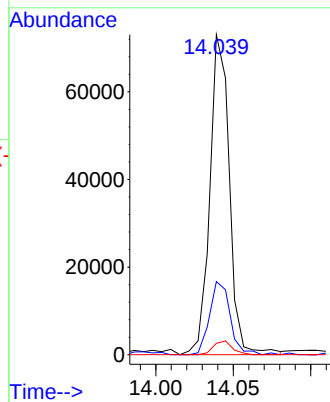
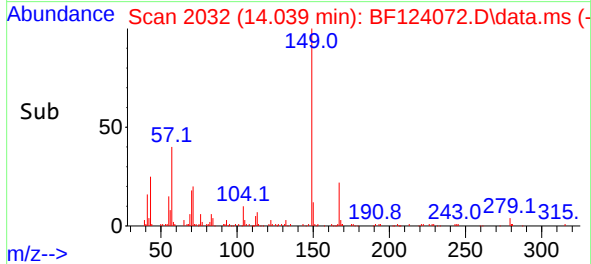




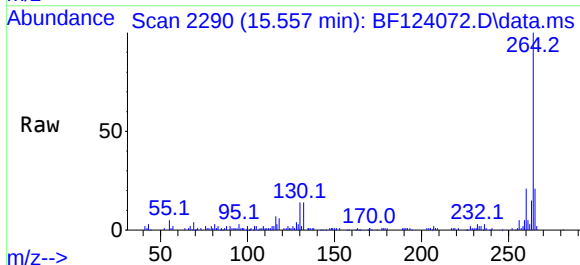
#84
Bis(2-ethylhexyl)phthalate
Concen: 11.73 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36



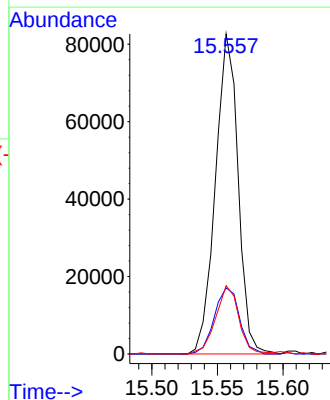
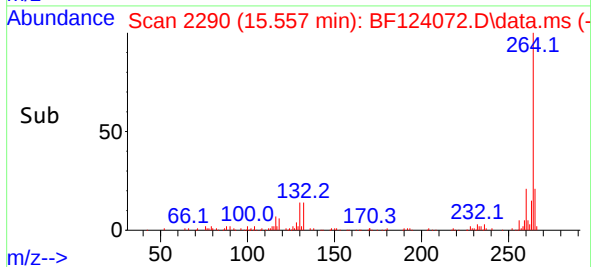
Tgt Ion:149 Resp: 64031
Ion Ratio Lower Upper
149 100
167 22.8 21.8 32.6
279 3.6 3.3 4.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF124072.D
Acq: 26 May 2021 19:36



Tgt Ion:264 Resp: 99147
Ion Ratio Lower Upper
264 100
260 20.7 18.7 28.1
265 21.4 17.8 26.8



Instrument :
BNA_F
ClientSampled :
GHOST-1D

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