

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124290.D
 Acq On : 12 Jun 2021 17:14
 Operator : JU/CG
 Sample : M2674-06 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-06-060921

Manual Integrations
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Quant Time: Jun 14 04:26:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	36617	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	138642	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	66315	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	91090	20.000	ng	0.01
76) Chrysene-d12	14.033	240	90279	20.000	ng	0.01
86) Perylene-d12	15.521	264	50341	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	41543	17.079	ng	-0.01
7) Phenol-d6	6.498	99	53028	16.218	ng	0.00
23) Nitrobenzene-d5	7.410	82	56315	16.110	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	12517	13.323	ng	0.01
45) 2-Fluorobiphenyl	9.210	172	71564	13.580	ng	0.00
79) Terphenyl-d14	12.968	244	62907	9.567	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.516	94	146512	41.464	ng	92
17) 2-Methylphenol	7.122	107	155719	70.773	ng	92
20) 3+4-Methylphenols	7.292	107	371994	127.597	ng	# 70
27) 2,4-Dimethylphenol	7.810	122	260970	118.143	ng	94
31) Naphthalene	8.151	128	165201	19.930	ng	98
37) 2-Methylnaphthalene	8.845	142	187585	32.271	ng	99
38) 1-Methylnaphthalene	8.945	142	110236	20.294	ng	91
46) 1,1'-Biphenyl	9.310	154	31953	5.708	ng	93
49) Acenaphthylene	9.751	152	23817	3.596	ng	# 51
52) Acenaphthene	9.922	154	12655	2.925	ng	# 59
55) Dibenzofuran	10.098	168	57481	8.490	ng	# 94
58) Fluorene	10.439	166	66101	12.719	ng	# 91
71) Phenanthrene	11.410	178	93382	16.411	ng	96
72) Anthracene	11.463	178	41058m	7.165	ng	
75) Fluoranthene	12.598	202	30888	5.171	ng	83
78) Pyrene	12.833	202	51237	5.910	ng	# 85
81) Benzo(a)anthracene	14.021	228	14783	2.248	ng	# 33

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

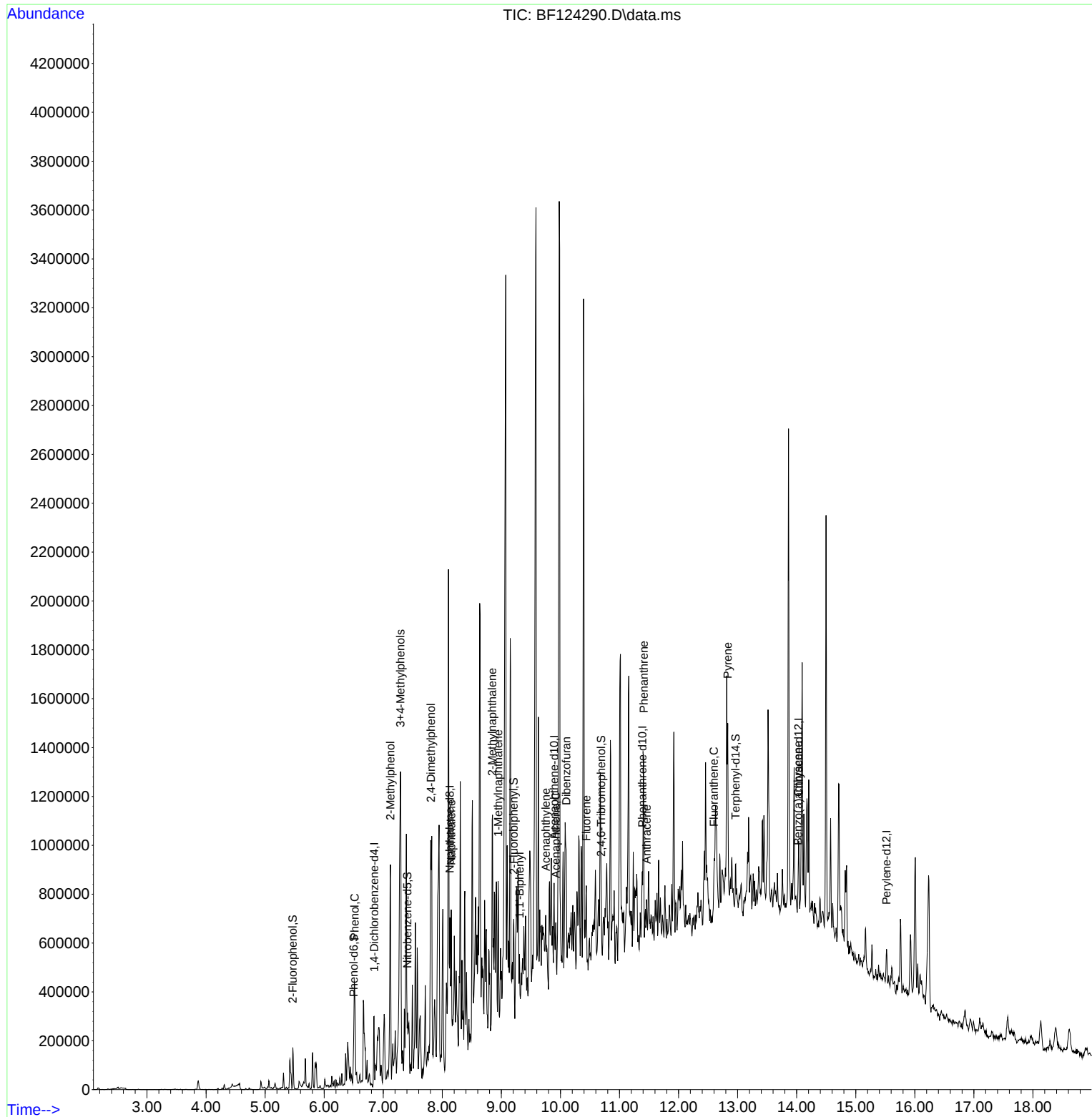
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124290.D
Acq On : 12 Jun 2021 17:14
Operator : JU/CG
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Misc :
ALS Vial : 14 Sample Multiplier: 1

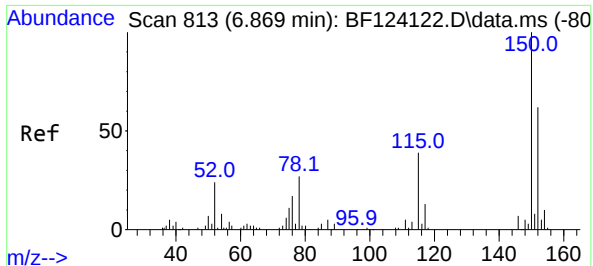
Instrument :
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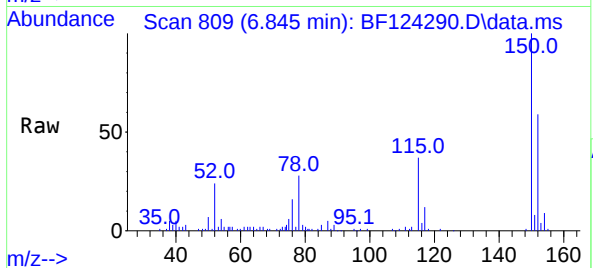
Quant Time: Jun 14 04:26:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

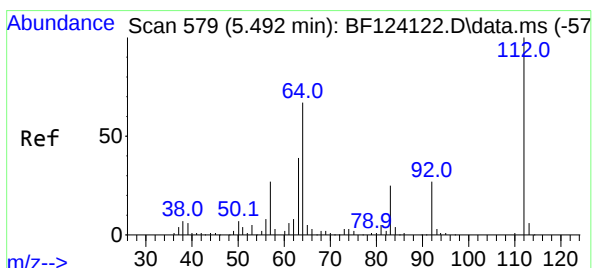
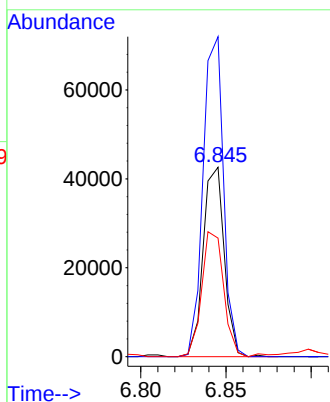
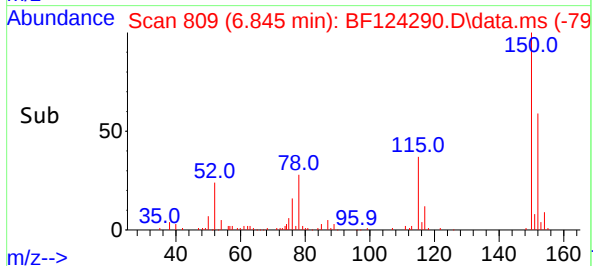
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921



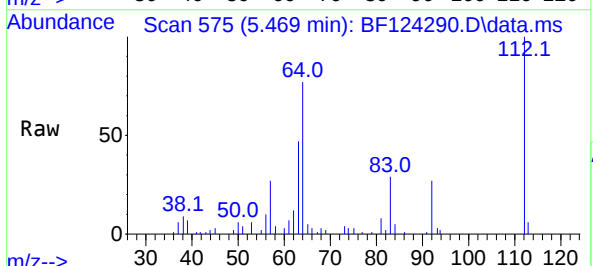
Tgt Ion:152 Resp: 36617
Ion Ratio Lower Upper
152 100
150 168.9 127.0 190.6
115 62.6 54.3 81.5

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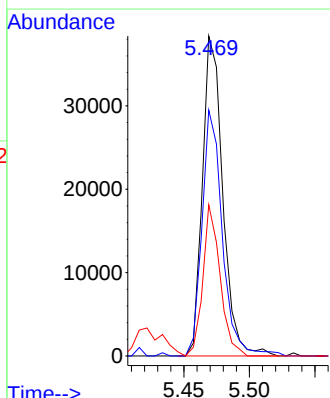
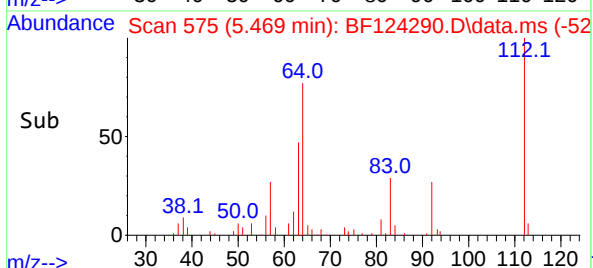
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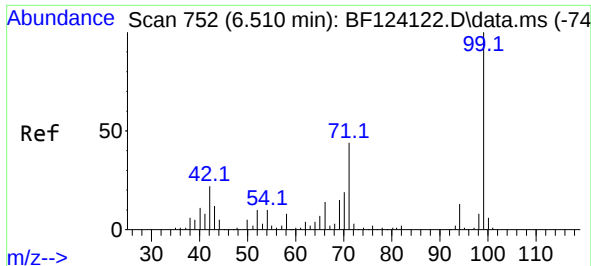


#5
2-Fluorophenol
Concen: 17.079 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14



Tgt Ion:112 Resp: 41543
Ion Ratio Lower Upper
112 100
64 76.9 61.4 92.0
63 47.3 33.0 49.4





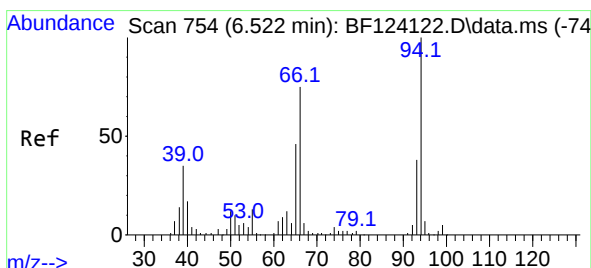
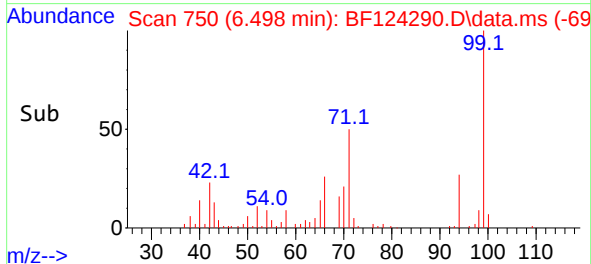
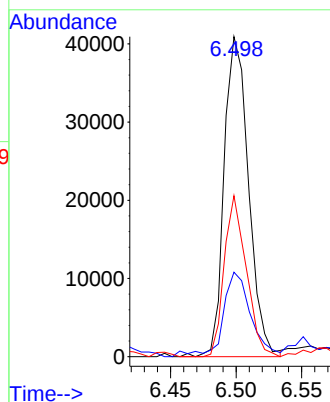
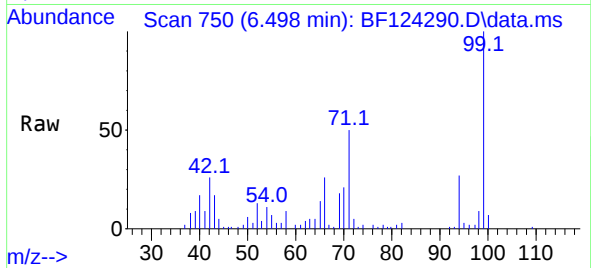
#7
Phenol-d6
Concen: 16.218 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

Tgt Ion: 99 Resp: 53028
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 50.3 31.1 46.7#

Instrument :
BNA_F
ClientSampleId :
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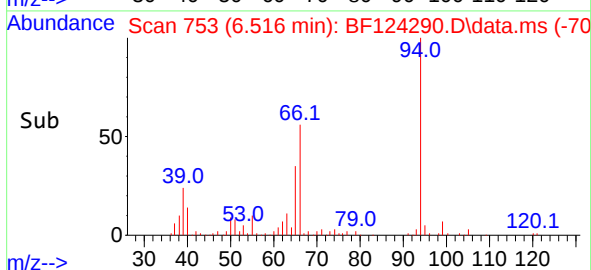
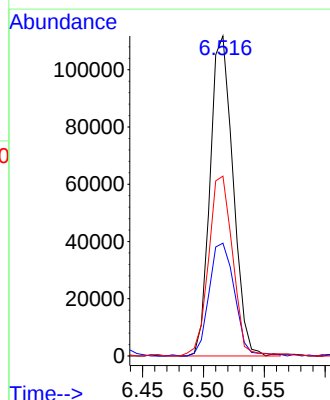
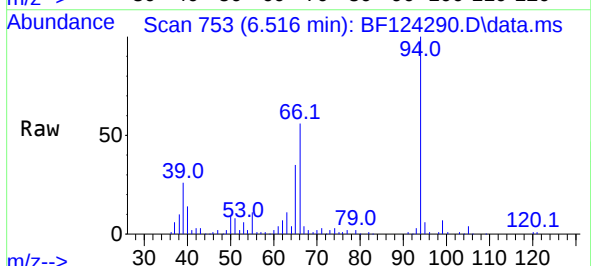
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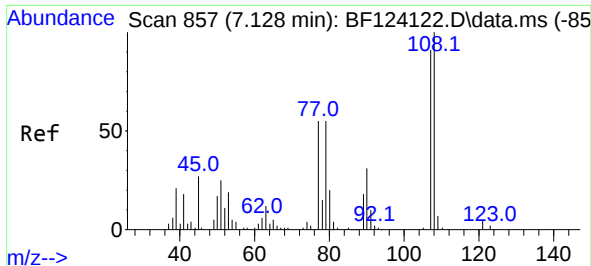
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#10
Phenol
Concen: 41.464 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

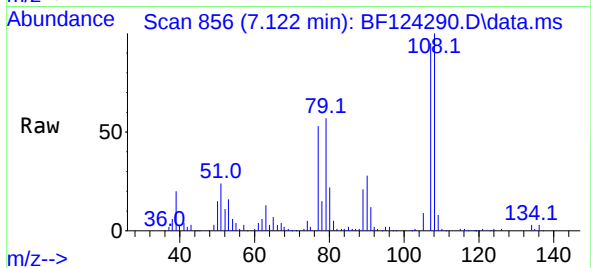
Tgt Ion: 94 Resp: 146512
Ion Ratio Lower Upper
94 100
65 35.3 18.1 58.1
66 56.2 29.0 69.0





#17
2-Methylphenol
Concen: 70.773 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921

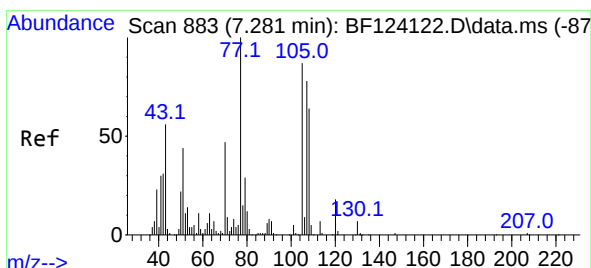
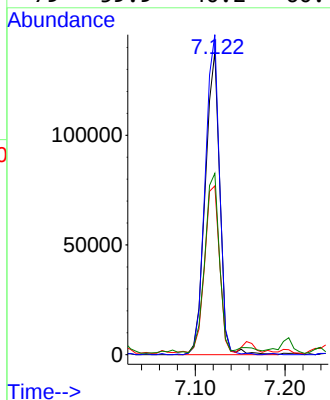
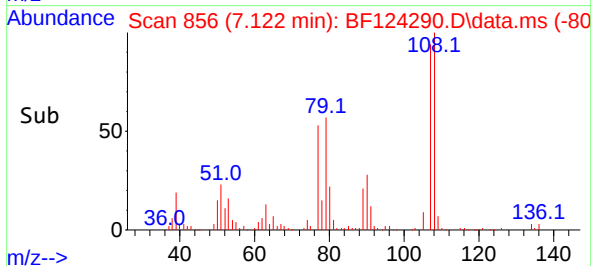


Tgt Ion:107 Resp: 155719

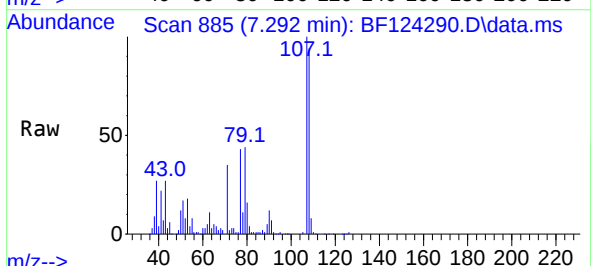
Ion	Ratio	Lower	Upper
107	100		
108	105.7	89.8	134.8
77	55.8	40.9	61.3
79	59.9	40.2	60.4

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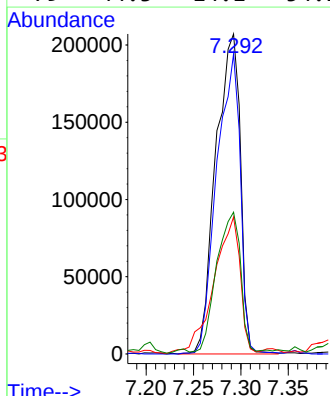
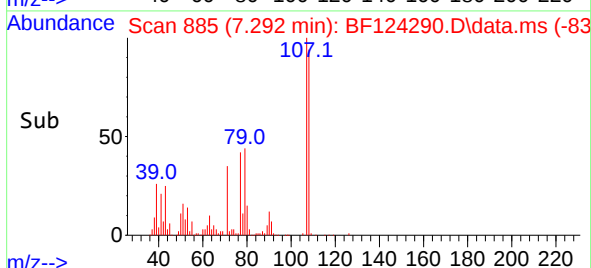


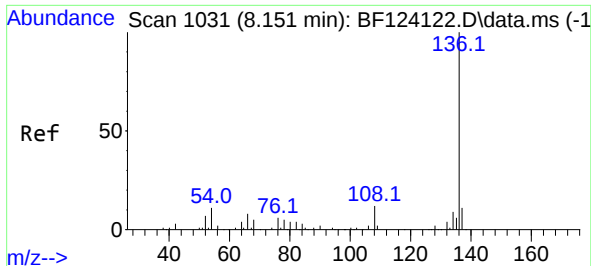
#20
3+4-Methylphenols
Concen: 127.597 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.024 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14



Tgt Ion:107 Resp: 371994

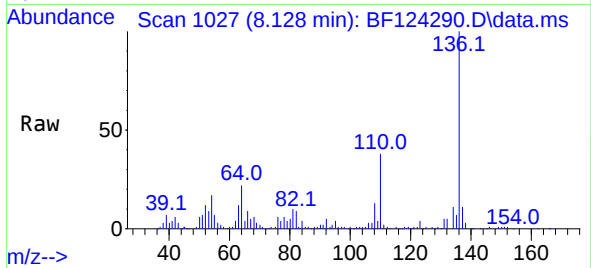
Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.5	111.5
77	42.8	82.0	122.0#
79	44.3	14.1	54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

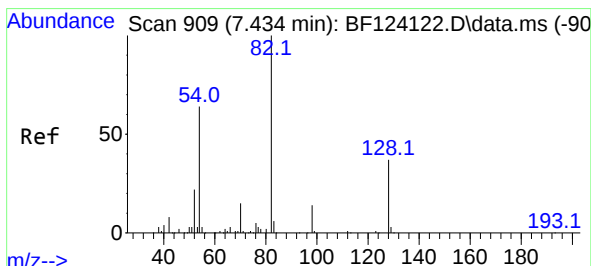
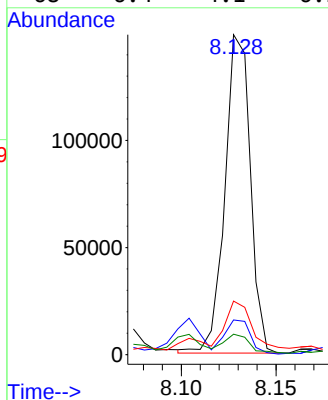
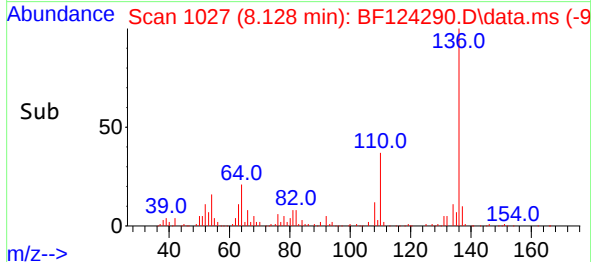
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ClientSampleId :
TMR-DS-06-060921



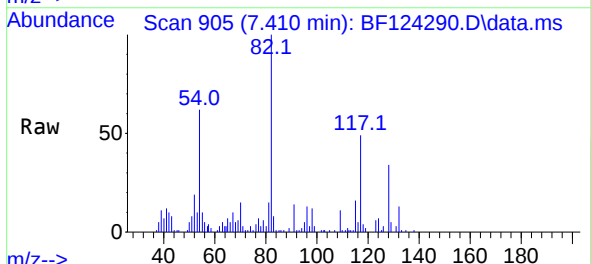
Tgt Ion:136 Resp: 138642
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 16.7 9.8 14.6#
68 6.4 4.1 6.1#

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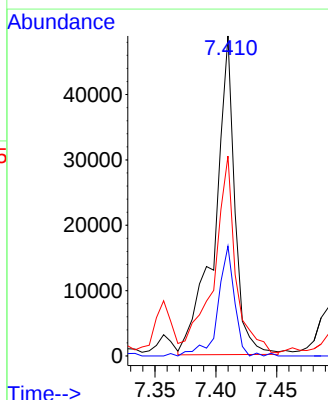
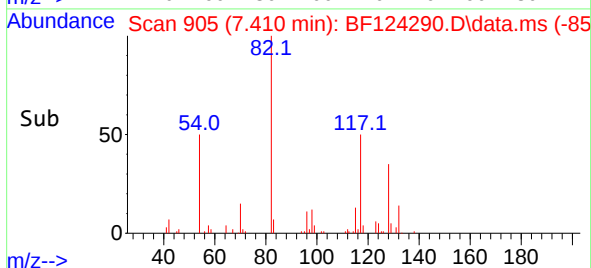
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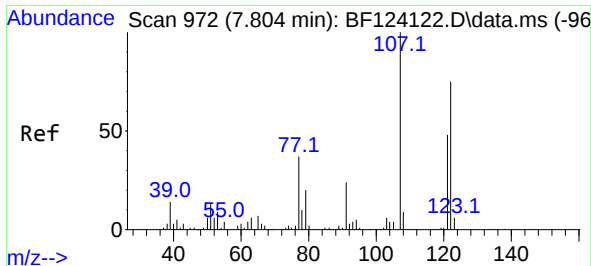


#23
Nitrobenzene-d5
Concen: 16.110 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14



Tgt Ion: 82 Resp: 56315
Ion Ratio Lower Upper
82 100
128 34.3 29.4 44.2
54 62.4 54.1 81.1





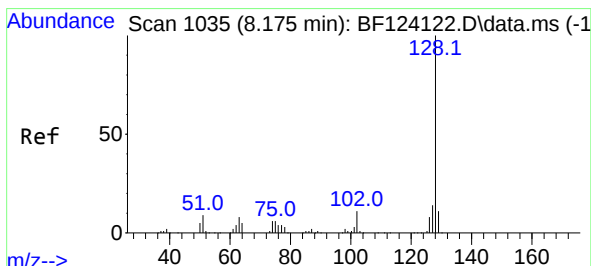
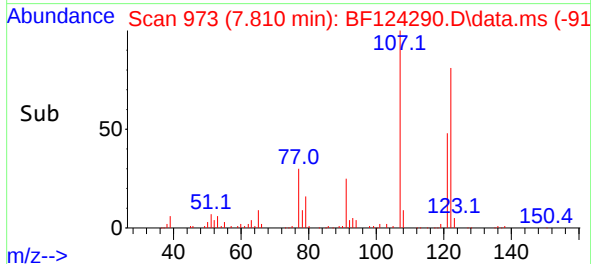
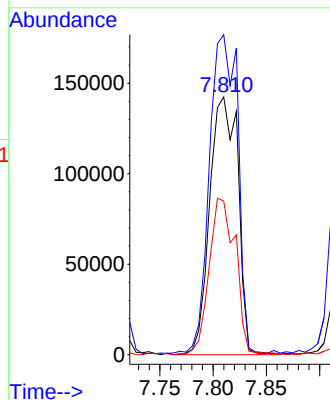
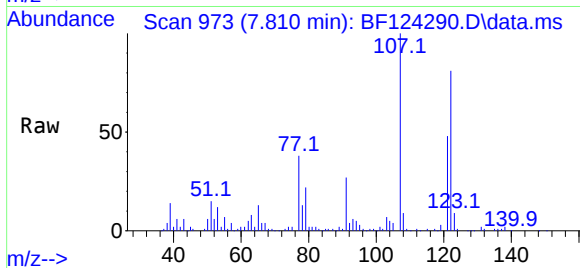
#27
2,4-Dimethylphenol
Concen: 118.143 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.018 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

Tgt Ion:122 Resp: 260970
Ion Ratio Lower Upper
122 100
107 124.1 106.3 159.5
121 59.6 45.4 68.0

Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921

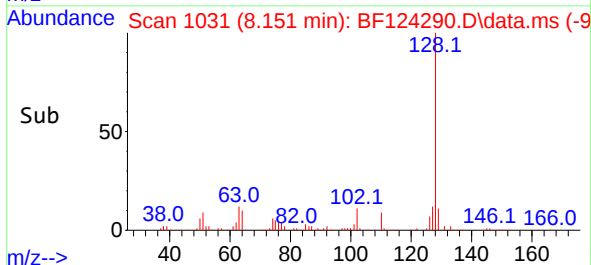
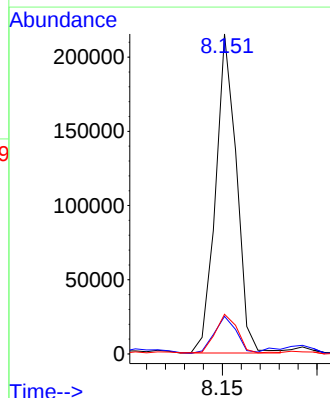
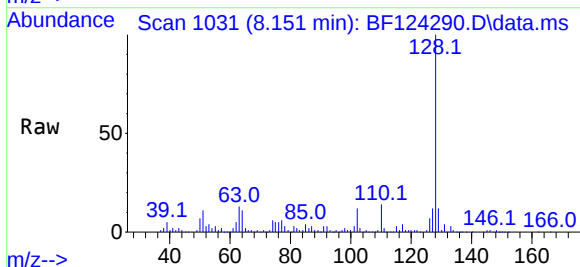
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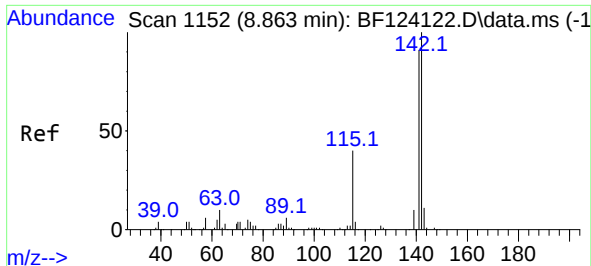
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#31
Naphthalene
Concen: 19.930 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

Tgt Ion:128 Resp: 165201
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 12.4 10.8 16.2





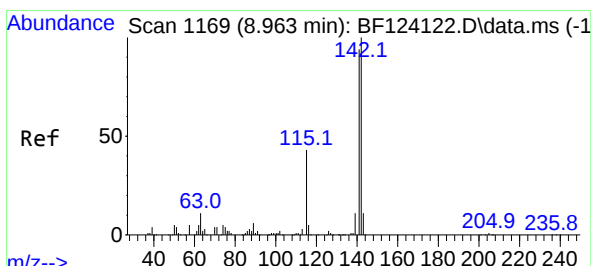
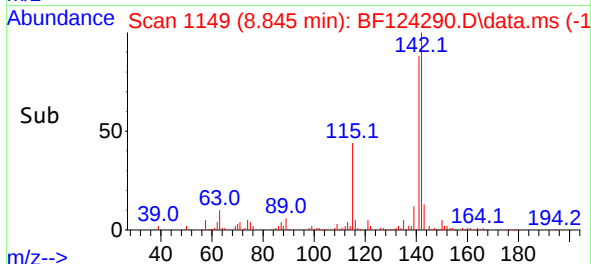
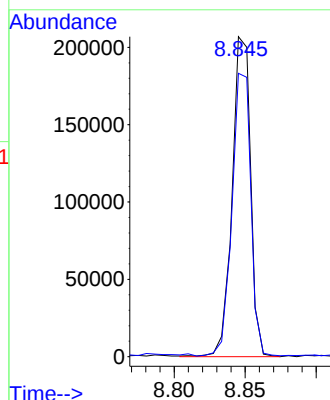
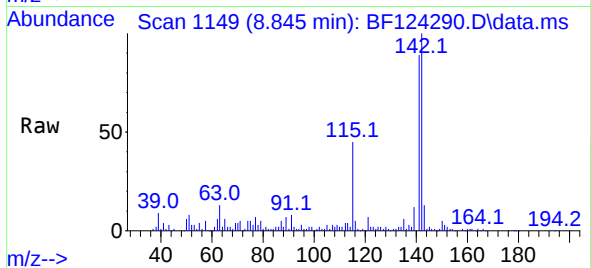
#37
2-Methylnaphthalene
Concen: 32.271 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

Tgt Ion:142 Resp: 187585
Ion Ratio Lower Upper
142 100
141 88.6 71.8 107.6

Instrument :
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ClientSampleId :
TMR-DS-06-060921

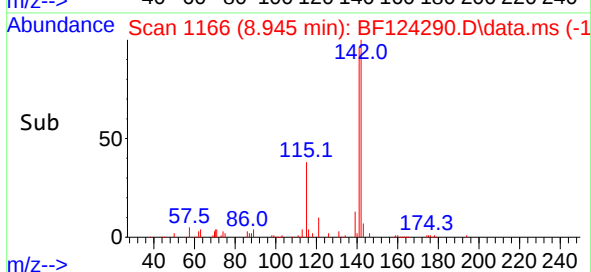
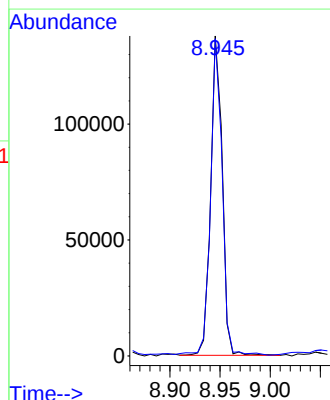
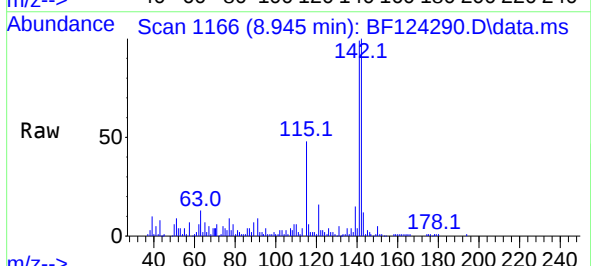
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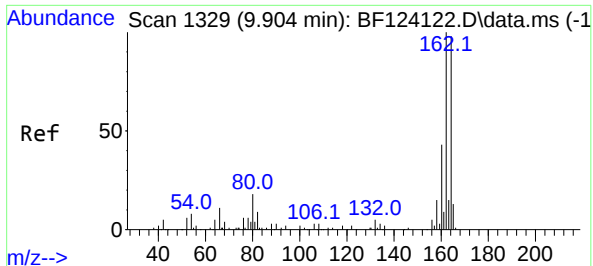
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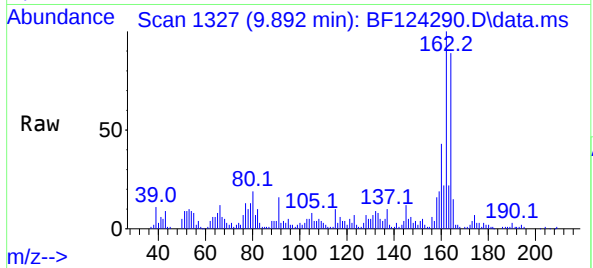
#38
1-Methylnaphthalene
Concen: 20.294 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

Tgt Ion:142 Resp: 110236
Ion Ratio Lower Upper
142 100
141 99.2 72.8 109.2

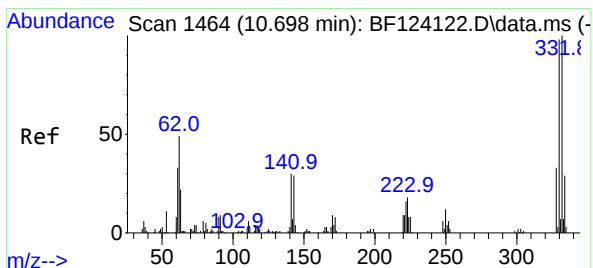
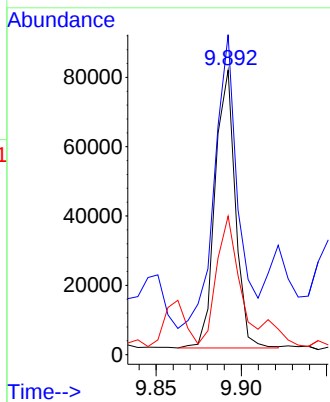
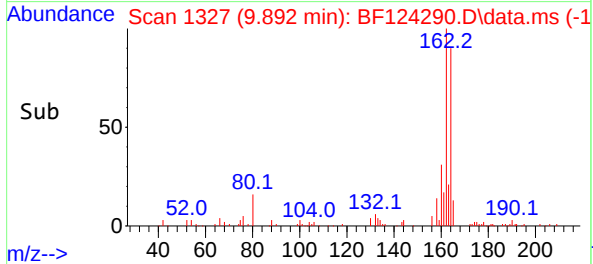




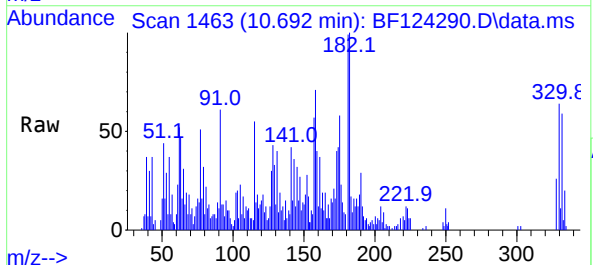
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14



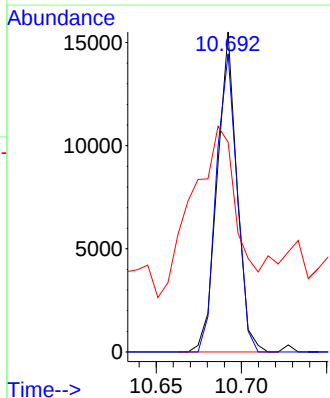
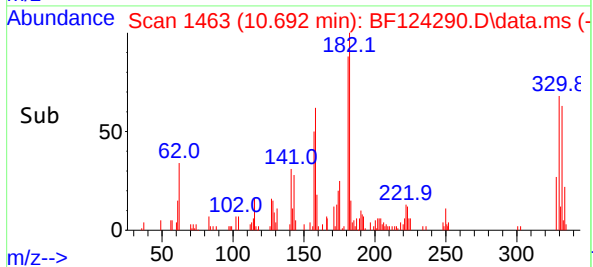
Tgt Ion:164 Resp: 66315
Ion Ratio Lower Upper
164 100
162 112.5 80.7 121.1
160 48.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 13.323 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14



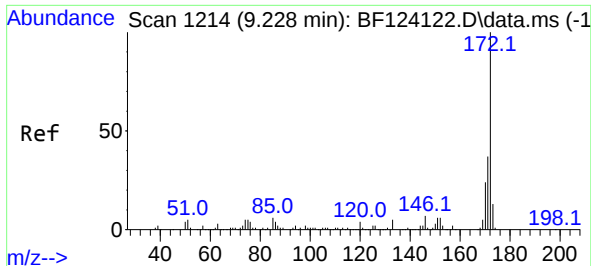
Tgt Ion:330 Resp: 12517
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 118.6 27.9 41.9#



Instrument :
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ClientSampleId :
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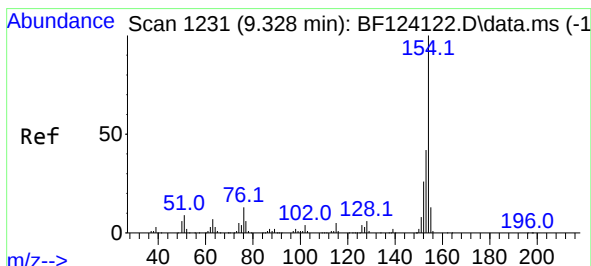
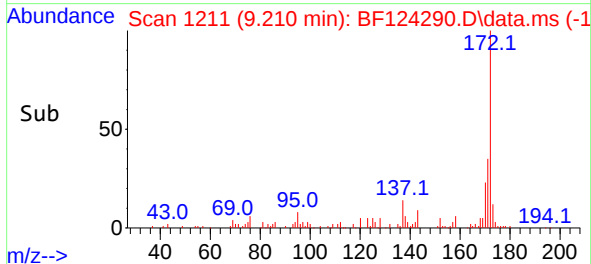
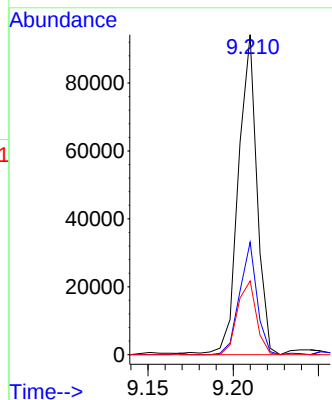
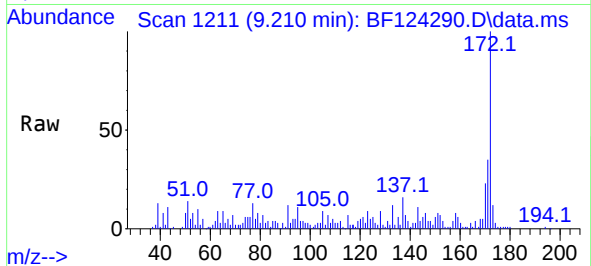
#45
2-Fluorobiphenyl
Concen: 13.580 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

Tgt Ion:172 Resp: 71564
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.0 19.2 28.8

Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921

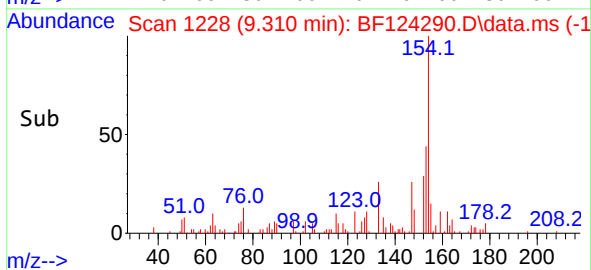
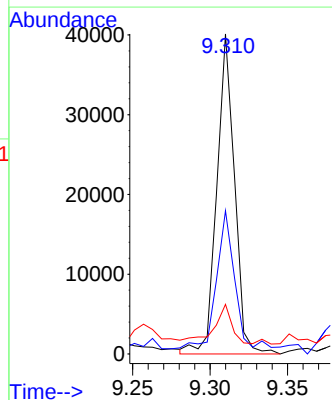
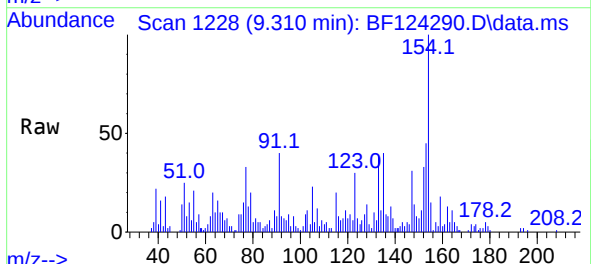
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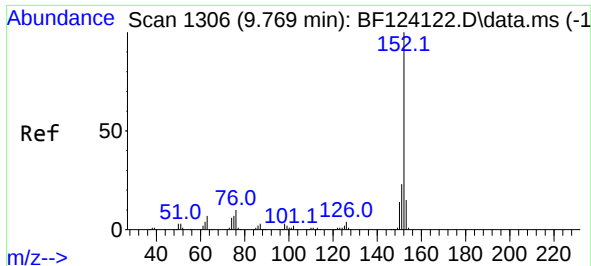
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#46
1,1'-Biphenyl
Concen: 5.708 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

Tgt Ion:154 Resp: 31953
Ion Ratio Lower Upper
154 100
153 44.7 20.7 60.7
76 15.5 0.0 31.7





#49

Acenaphthylene

Concen: 3.596 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BF124290.D

Acq: 12 Jun 2021 17:14

Tgt Ion:	152	Resp:	23817
Ion Ratio	Lower	Upper	
152	100		
151	35.4	16.0	24.0#
153	42.3	10.4	15.6#

Instrument :

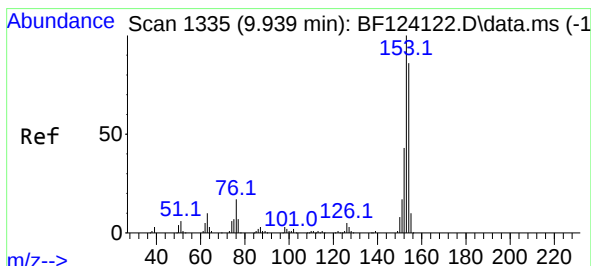
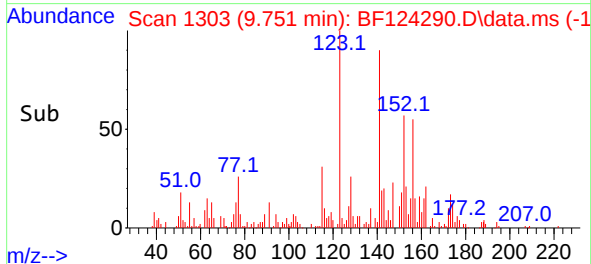
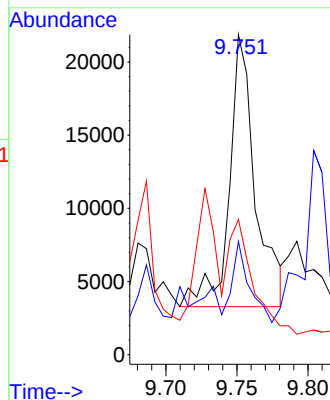
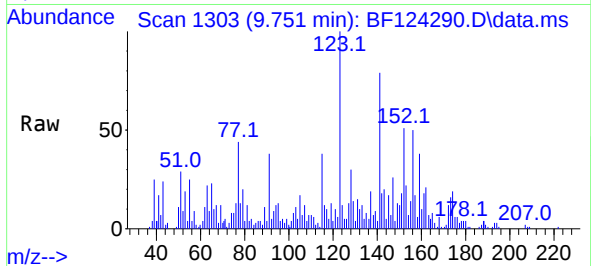
BNA_F

ClientSampleId :

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#52

Acenaphthene

Concen: 2.925 ng

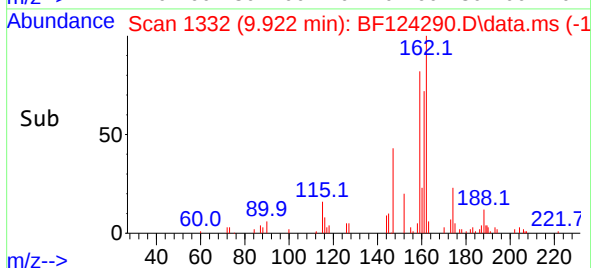
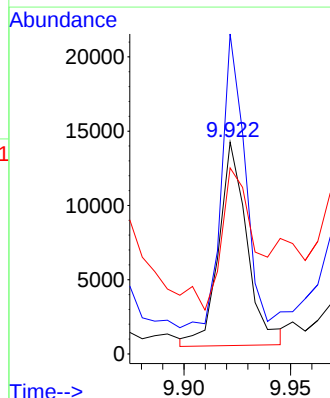
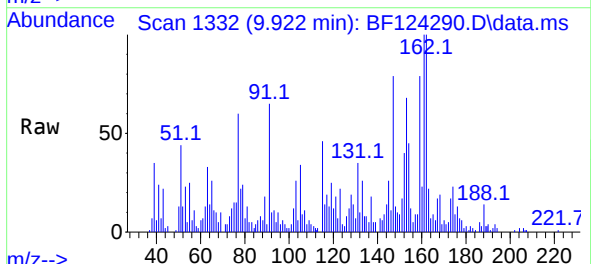
RT: 9.922 min Scan# 1332

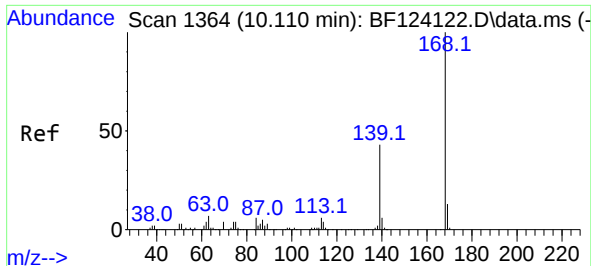
Delta R.T. -0.006 min

Lab File: BF124290.D

Acq: 12 Jun 2021 17:14

Tgt Ion:	154	Resp:	12655
Ion Ratio	Lower	Upper	
154	100		
153	151.1	88.1	132.1#
152	87.8	43.4	65.0#





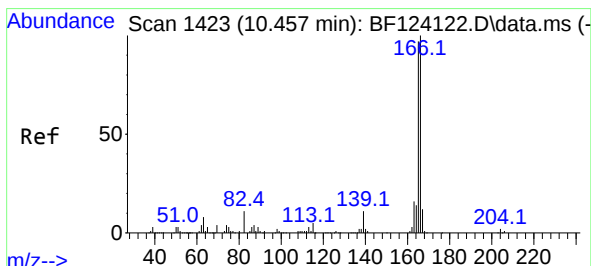
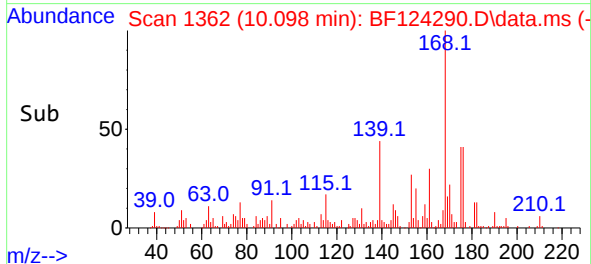
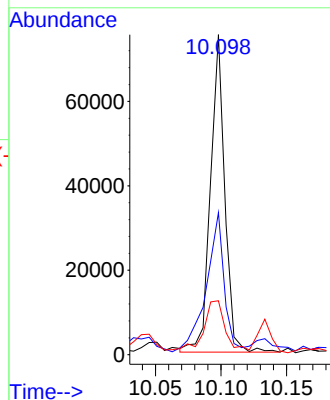
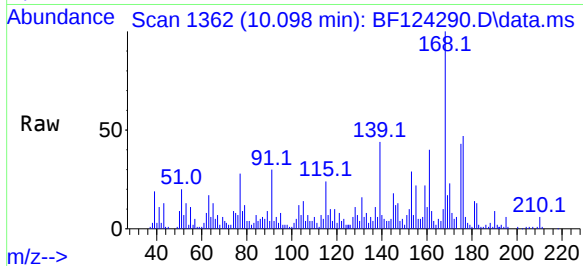
#55
Dibenzenofuran
Concen: 8.490 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.4	33.2	49.8
169	16.8	10.8	16.2#

Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921

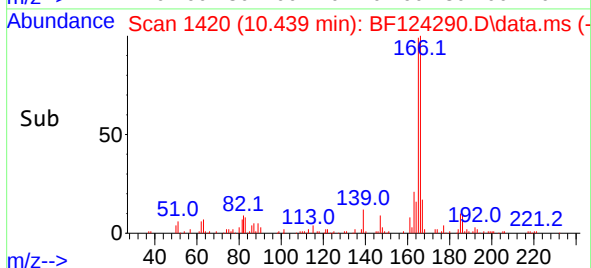
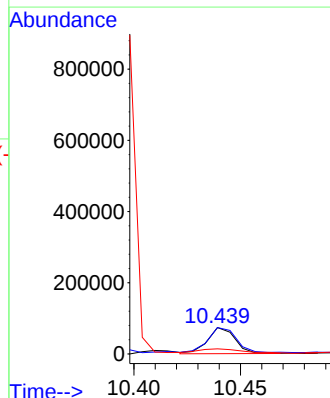
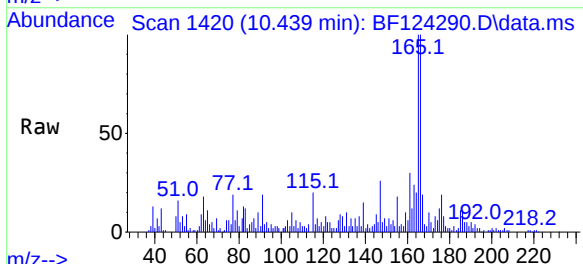
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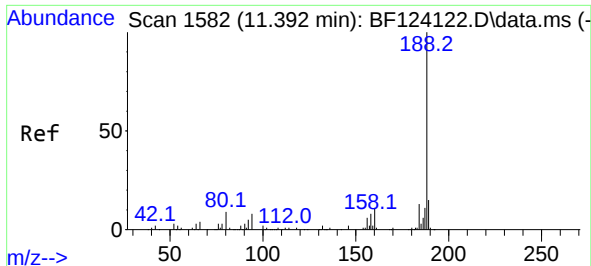
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#58
Fluorene
Concen: 12.719 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

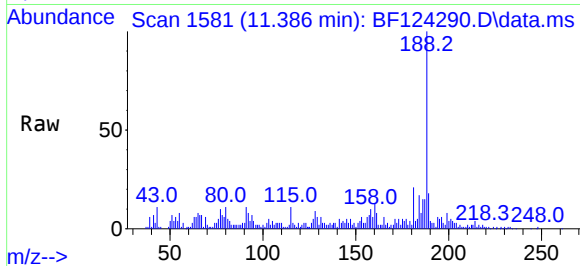
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	73.5	110.3
167	19.5	10.7	16.1#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

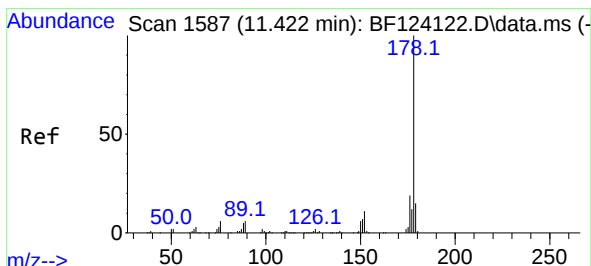
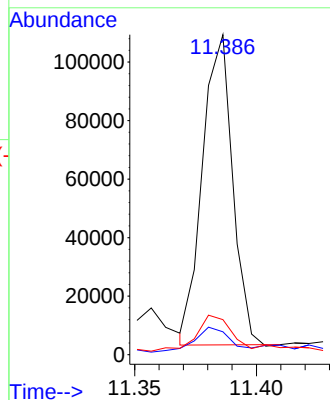
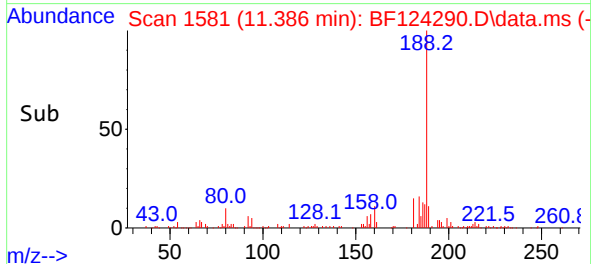
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921



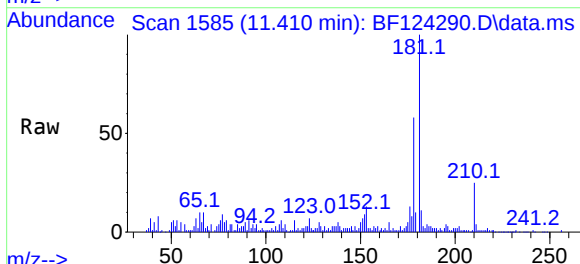
Tgt Ion:188 Resp: 91090
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 11.0 8.2 12.2

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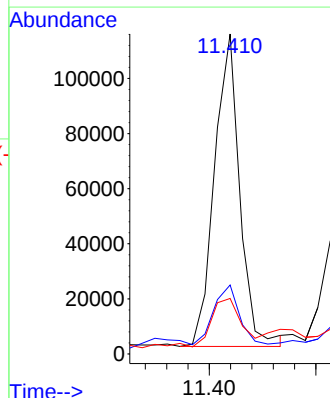
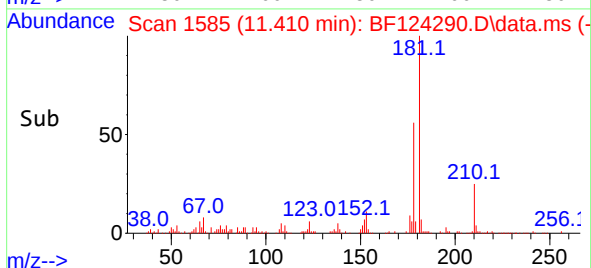
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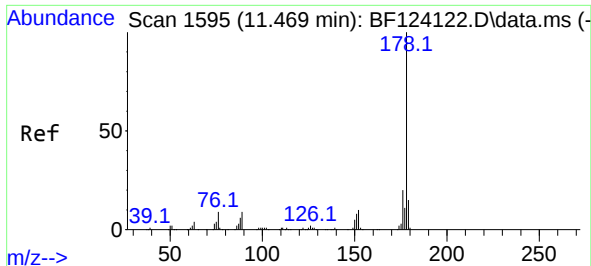


#71
Phenanthrene
Concen: 16.411 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14



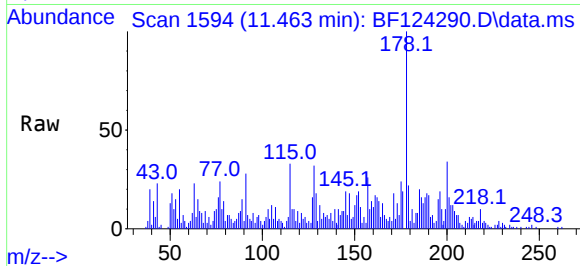
Tgt Ion:178 Resp: 93382
Ion Ratio Lower Upper
178 100
176 21.5 15.6 23.4
179 17.3 12.5 18.7





#72
 Anthracene
 Concen: 7.165 ng m
 RT: 11.463 min Scan# 1594
 Delta R.T. 0.006 min
 Lab File: BF124290.D
 Acq: 12 Jun 2021 17:14

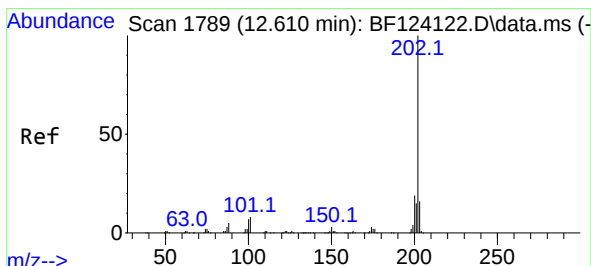
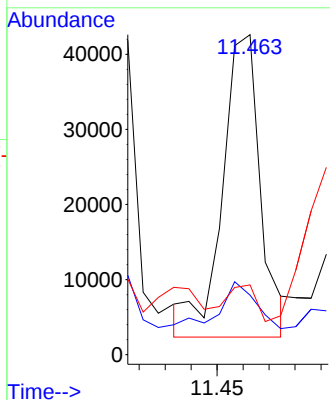
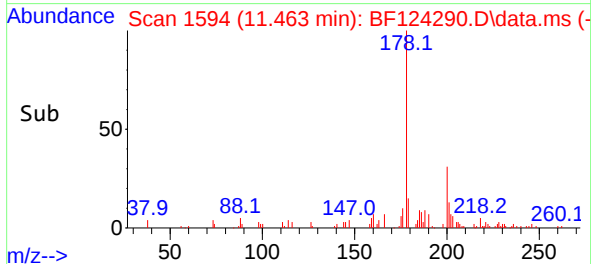
Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-06-060921



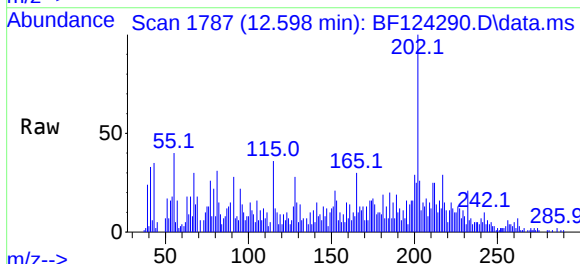
Tgt Ion:178 Resp: 41058
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 21.8 12.6 18.8#

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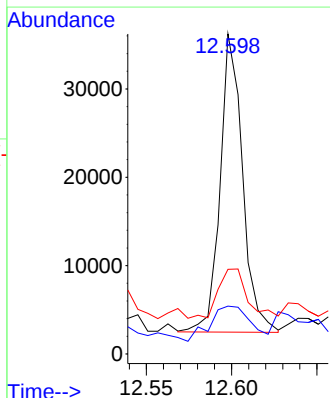
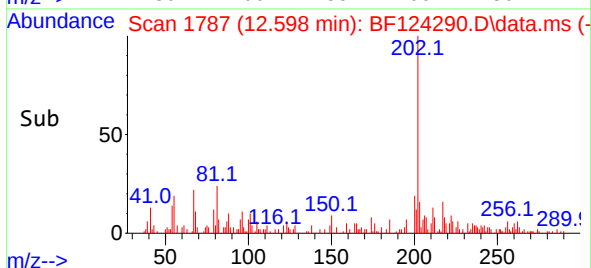
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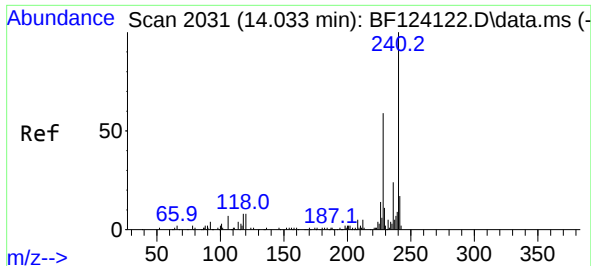


#75
 Fluoranthene
 Concen: 5.171 ng
 RT: 12.598 min Scan# 1787
 Delta R.T. 0.006 min
 Lab File: BF124290.D
 Acq: 12 Jun 2021 17:14



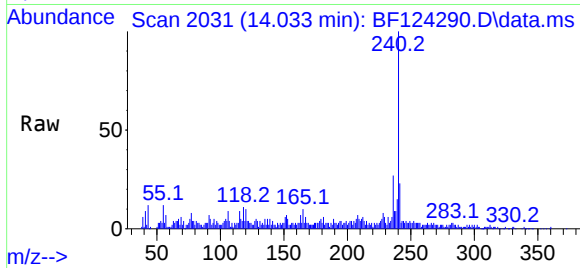
Tgt Ion:202 Resp: 30888
 Ion Ratio Lower Upper
 202 100
 101 15.0 0.0 30.9
 203 26.4 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

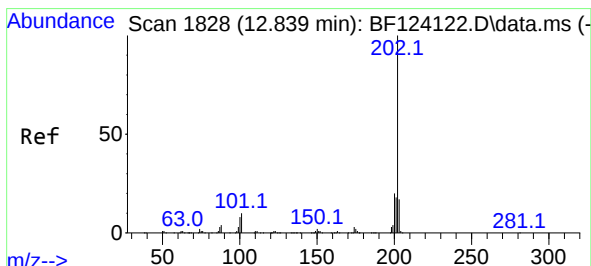
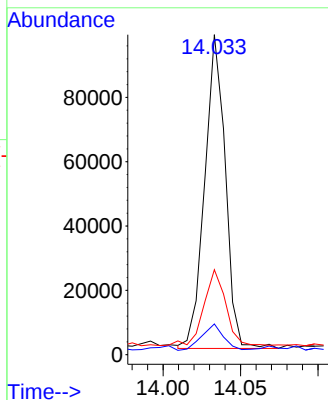
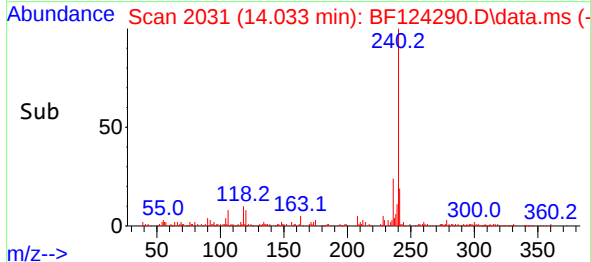
Instrument :
BNA_F
ClientSampleId :
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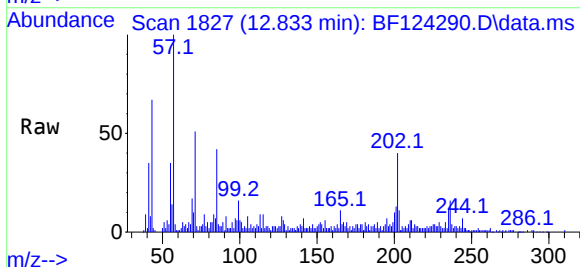
Tgt Ion:240 Resp: 90279
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.5 19.0 28.4

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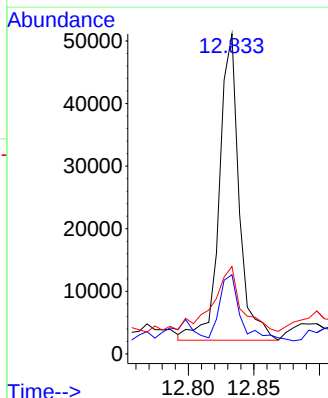
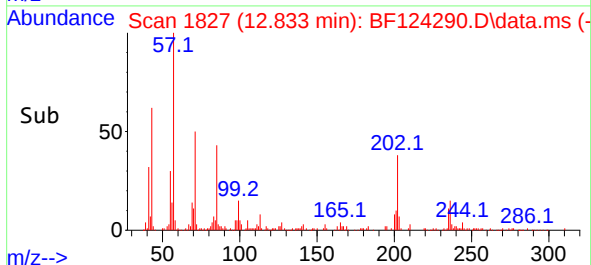
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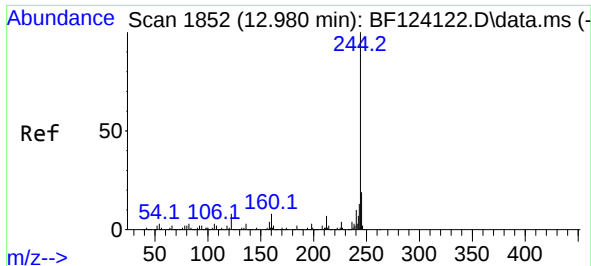


#78
Pyrene
Concen: 5.910 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14



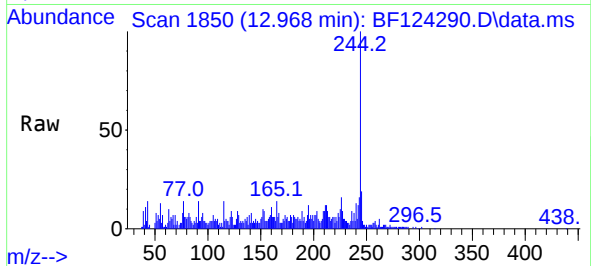
Tgt Ion:202 Resp: 51237
Ion Ratio Lower Upper
202 100
200 24.7 16.1 24.1#
203 27.3 14.8 22.2#





#79
Terphenyl-d14
Concen: 9.567 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14

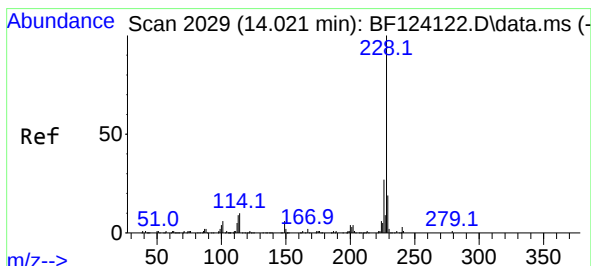
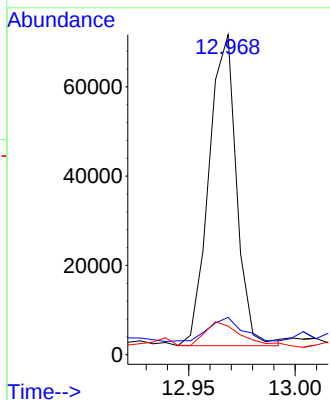
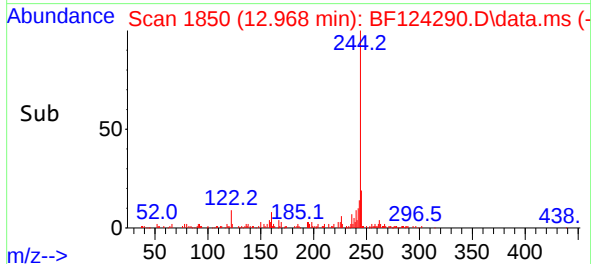
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921



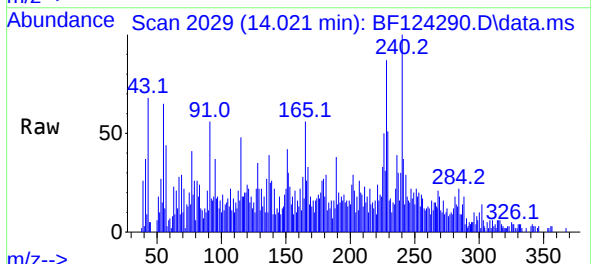
Tgt Ion:244 Resp: 62907
Ion Ratio Lower Upper
244 100
212 11.6 5.7 8.5#
122 8.9 9.7 14.5#

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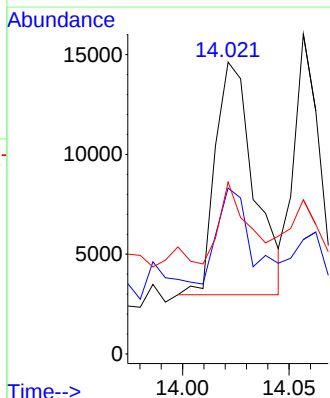
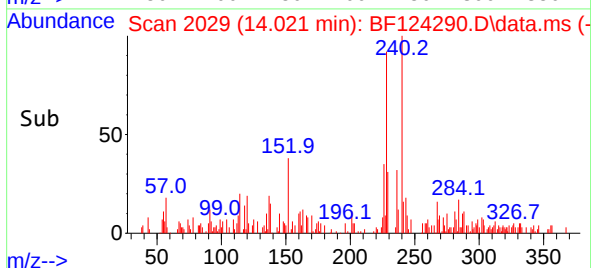
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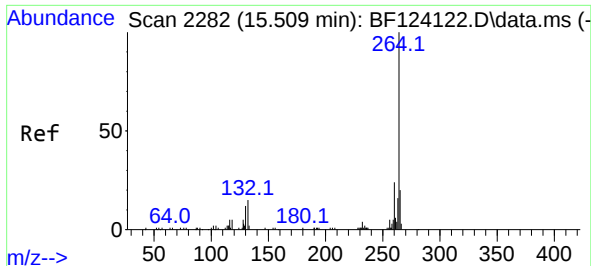


#81
Benzo(a)anthracene
Concen: 2.248 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.012 min
Lab File: BF124290.D
Acq: 12 Jun 2021 17:14



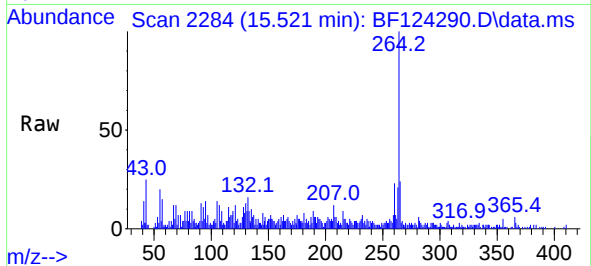
Tgt Ion:228 Resp: 14783
Ion Ratio Lower Upper
228 100
226 56.9 22.4 33.6#
229 58.9 16.0 24.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.030 min
 Lab File: BF124290.D
 Acq: 12 Jun 2021 17:14

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-06-060921



Tgt Ion:264 Resp: 50341

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	23.6	17.8	26.8

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