

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124318.D
 Acq On : 14 Jun 2021 21:39
 Operator : JU/CG
 Sample : M2674-06DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 15 02:28:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 12:10:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	31061	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	116882	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	59827	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	88546	20.000	ng	0.00
76) Chrysene-d12	14.015	240	75477	20.000	ng	0.00
86) Perylene-d12	15.504	264	52754	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	17567	8.514	ng	0.02
7) Phenol-d6	6.498	99	22799	8.220	ng	0.02
23) Nitrobenzene-d5	7.392	82	25505	8.655	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	7020	8.282	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	29990	6.308	ng	0.00
79) Terphenyl-d14	12.951	244	28587	5.200	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.516	94	56344	18.798	ng	89
17) 2-Methylphenol	7.110	107	63250m	33.889	ng	
20) 3+4-Methylphenols	7.275	107	134396	54.345	ng	# 70
27) 2,4-Dimethylphenol	7.804	122	96184	51.650	ng	88
31) Naphthalene	8.139	128	73322	10.493	ng	96
37) 2-Methylnaphthalene	8.833	142	86020	17.553	ng	97
38) 1-Methylnaphthalene	8.933	142	52252	11.410	ng	93
46) 1,1'-Biphenyl	9.292	154	16227	3.213	ng	91
55) Dibenzofuran	10.080	168	28071	4.596	ng	# 92
58) Fluorene	10.427	166	36549	7.795	ng	# 78
71) Phenanthrene	11.392	178	48556	8.778	ng	# 94
72) Anthracene	11.445	178	16434m	2.950	ng	
75) Fluoranthene	12.586	202	16630	2.864	ng	81
78) Pyrene	12.816	202	22283	3.074	ng	# 82

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

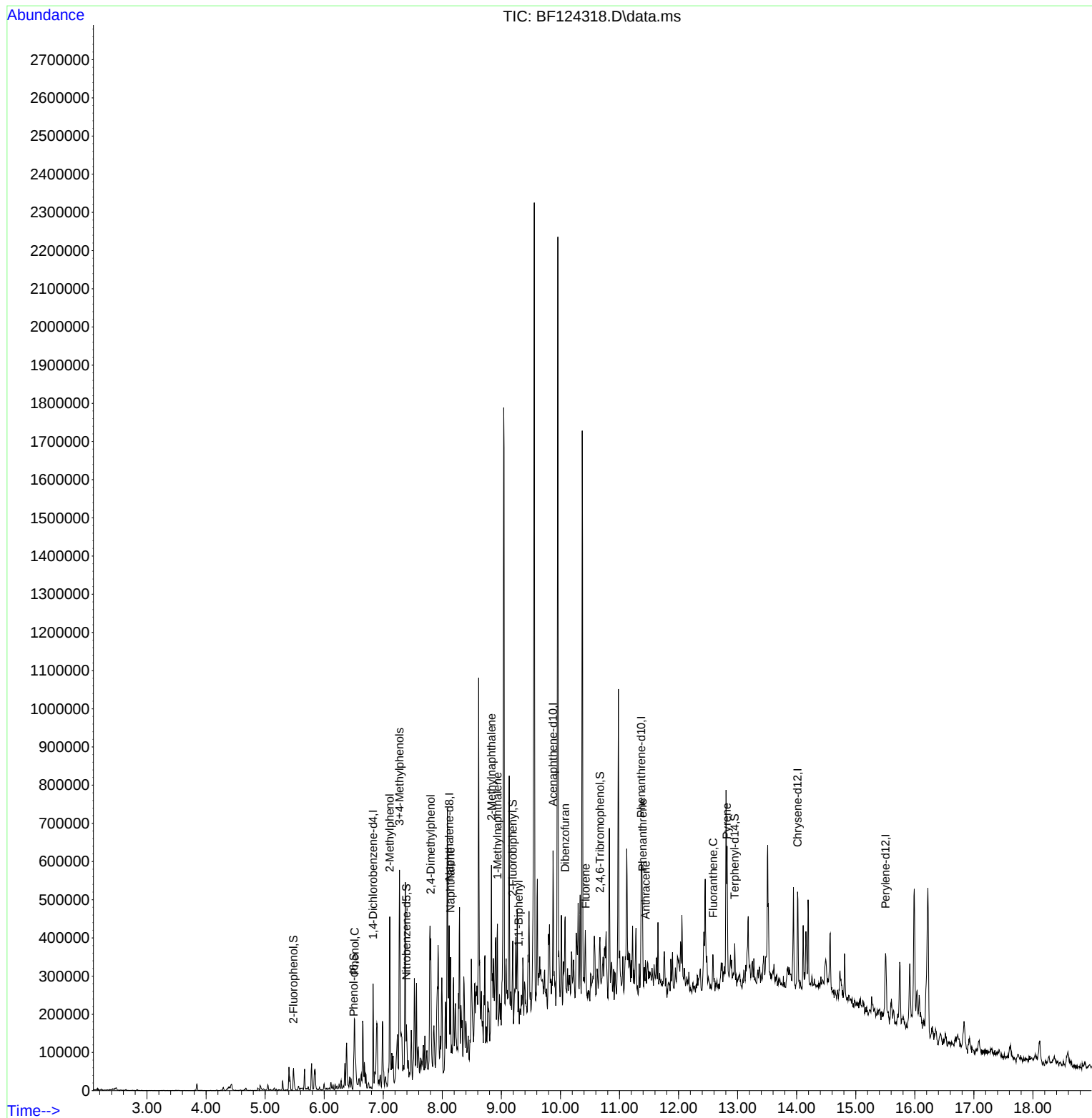
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Data File : BF124318.D
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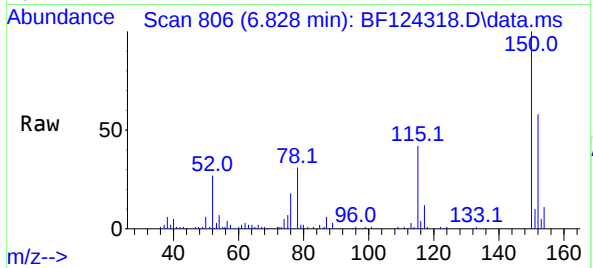
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 14 12:10:02 2021
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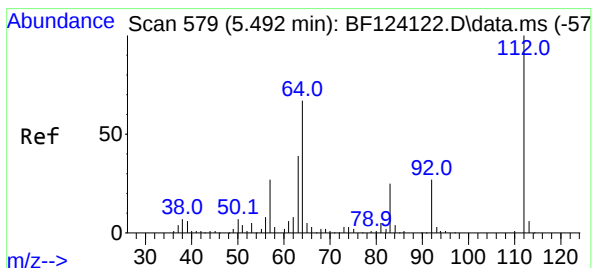
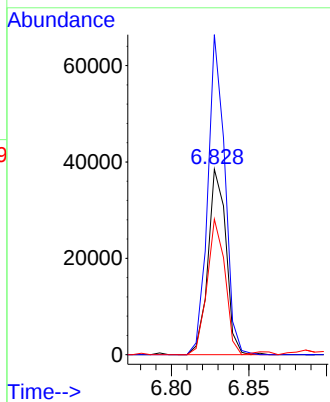
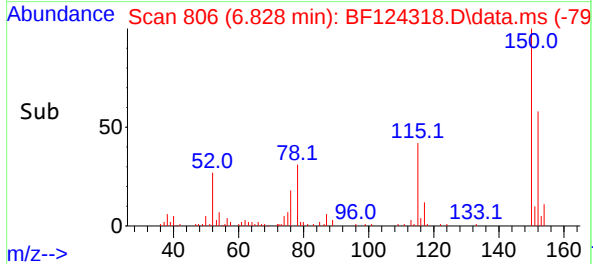




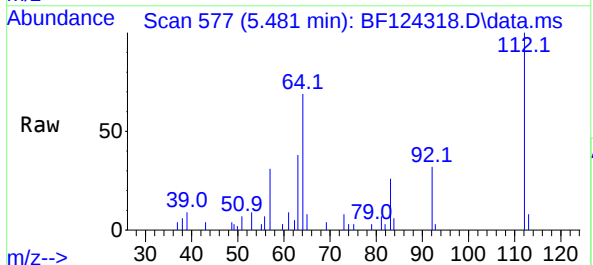
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124318.D
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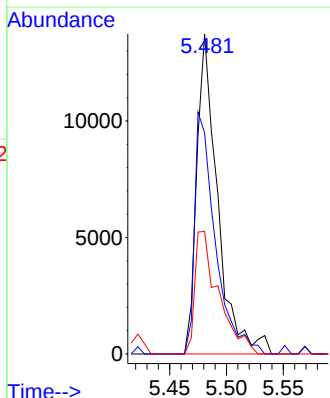
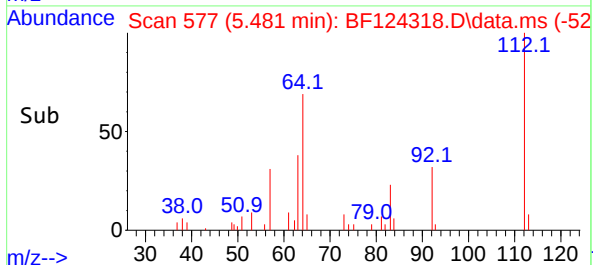
Tgt Ion:152 Resp: 31061
Ion Ratio Lower Upper
152 100
150 172.6 127.0 190.6
115 73.1 54.3 81.5



#5
2-Fluorophenol
Concen: 8.514 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.023 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39



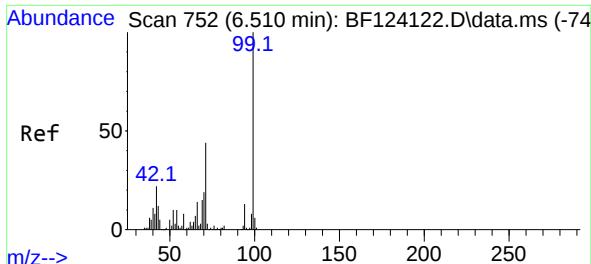
Tgt Ion:112 Resp: 17567
Ion Ratio Lower Upper
112 100
64 69.1 61.4 92.0
63 38.3 33.0 49.4



Instrument :
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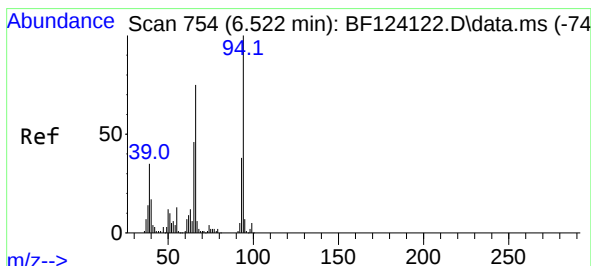
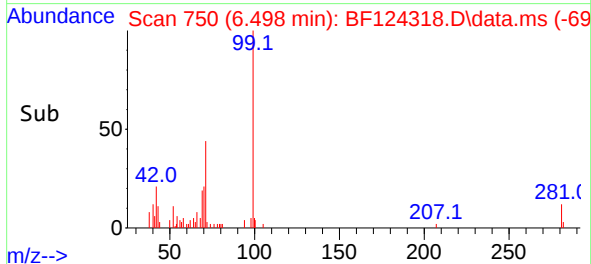
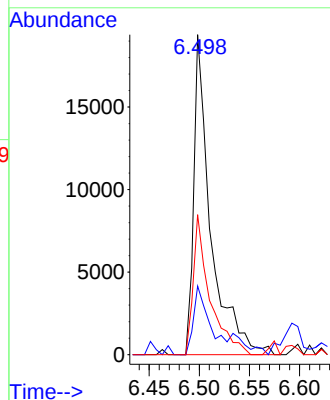
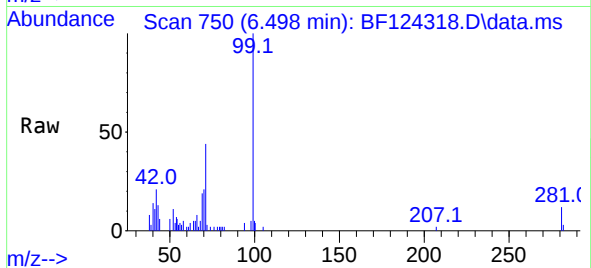
#7
Phenol-d6
Concen: 8.220 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.018 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:	99	Resp:	22799
Ion	Ratio	Lower	Upper
99	100		
42	21.5	19.8	29.8
71	43.7	31.1	46.7

Instrument :
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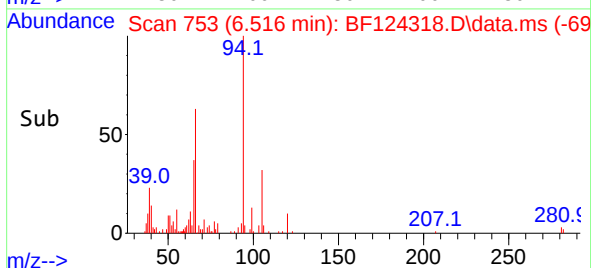
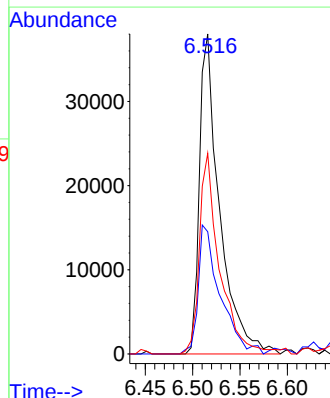
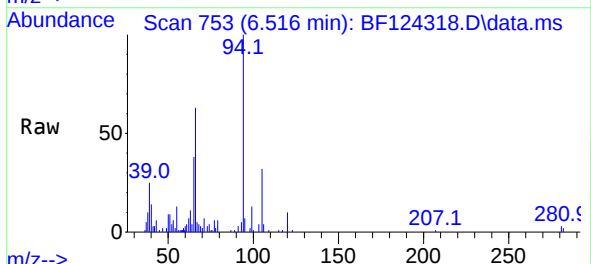
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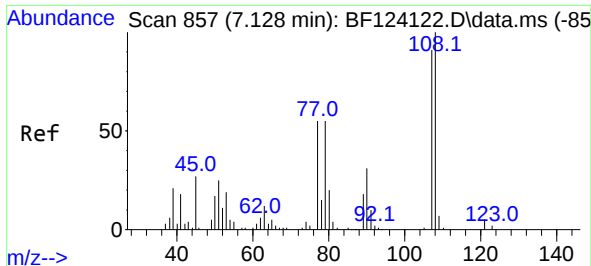
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#10
Phenol
Concen: 18.798 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.023 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

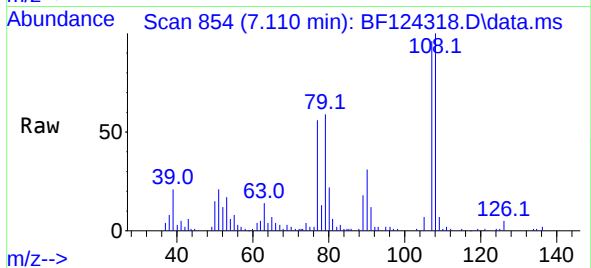
Tgt Ion:	94	Resp:	56344
Ion	Ratio	Lower	Upper
94	100		
65	38.2	18.1	58.1
66	62.7	29.0	69.0





#17
2-Methylphenol
Concen: 33.889 ng m
RT: 7.110 min Scan# 854
Delta R.T. 0.012 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

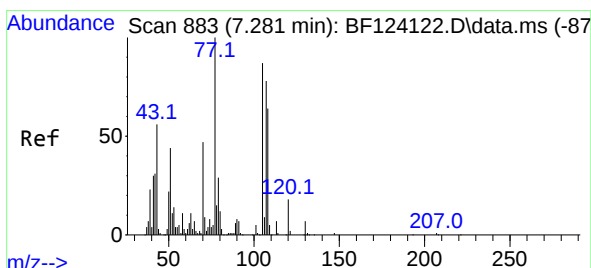
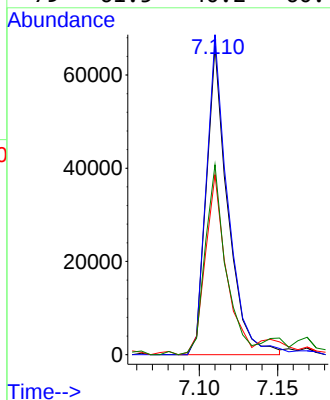
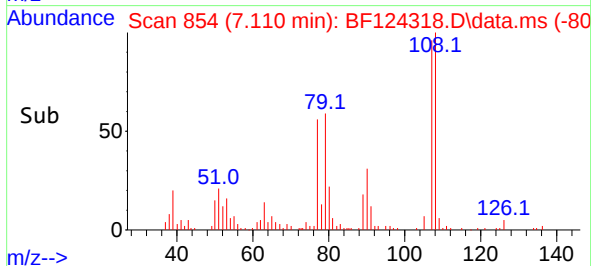
Instrument :
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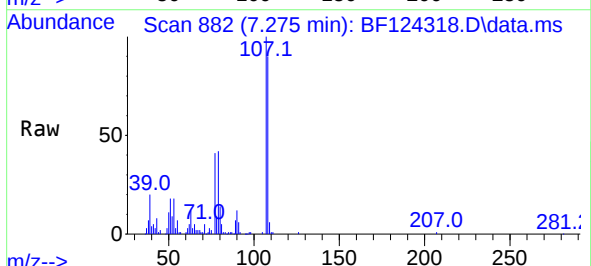
Tgt Ion:107 Resp: 63250
Ion Ratio Lower Upper
107 100
108 103.6 89.8 134.8
77 58.3 40.9 61.3
79 61.5 40.2 60.4#

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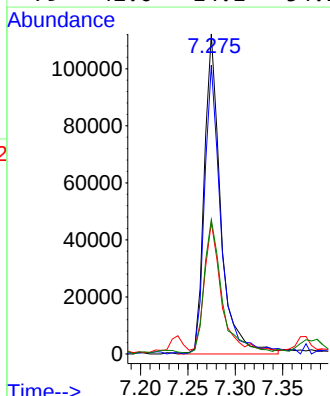
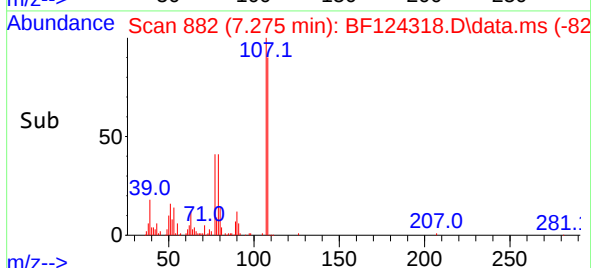
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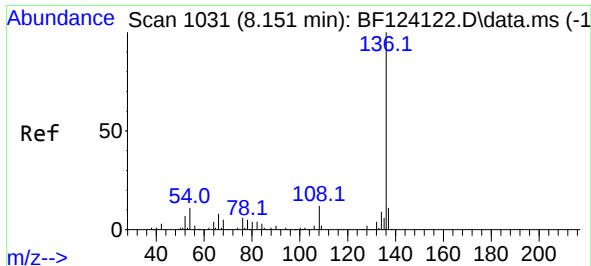


#20
3+4-Methylphenols
Concen: 54.345 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.023 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39



Tgt Ion:107 Resp: 134396
Ion Ratio Lower Upper
107 100
108 90.2 71.5 111.5
77 41.1 82.0 122.0#
79 42.0 14.1 54.1





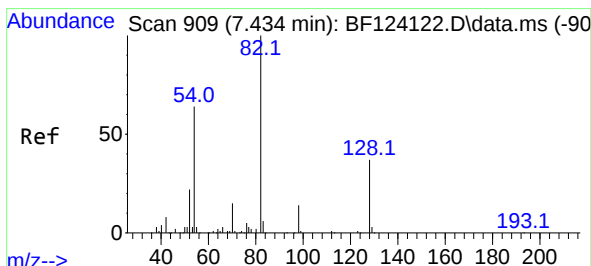
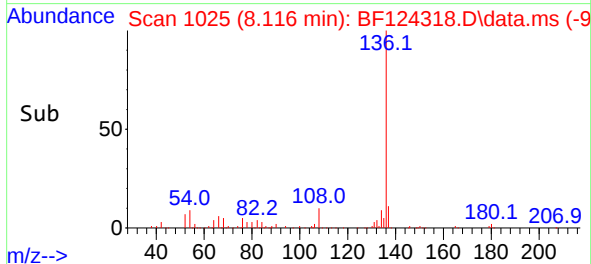
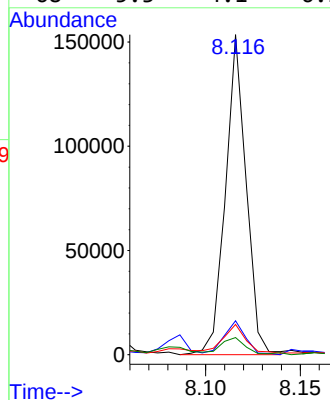
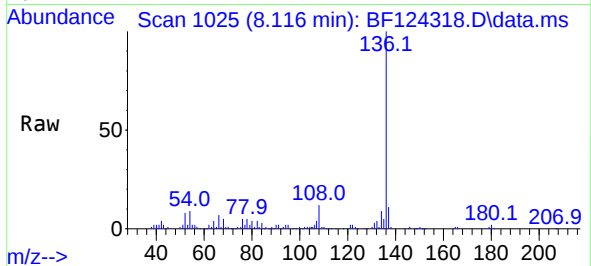
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:	136	Resp:	116882
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	9.4	9.8	14.6#
68	5.3	4.1	6.1

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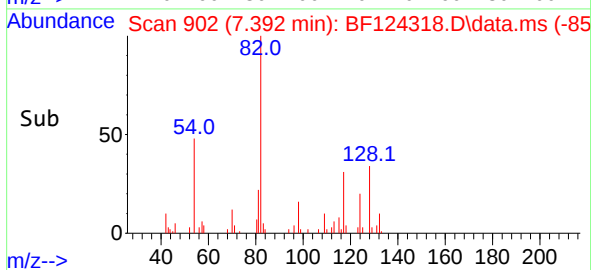
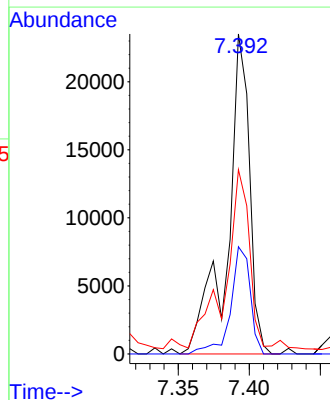
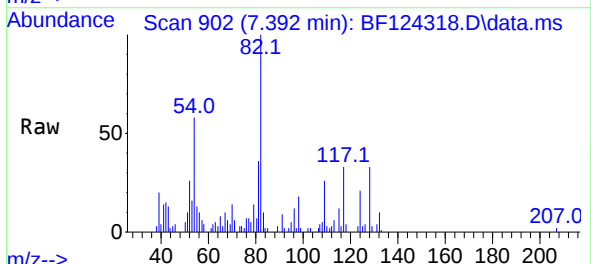
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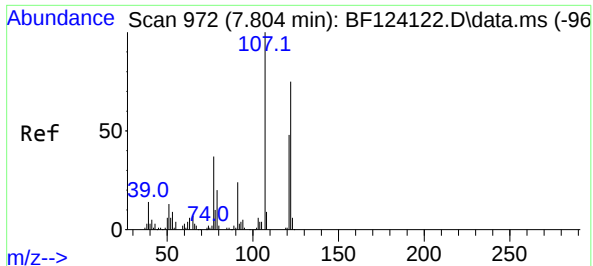
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#23
Nitrobenzene-d5
Concen: 8.655 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:	82	Resp:	25505
Ion Ratio	Lower	Upper	
82	100		
128	33.5	29.4	44.2
54	57.6	54.1	81.1





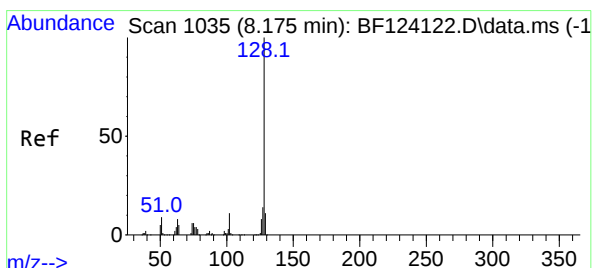
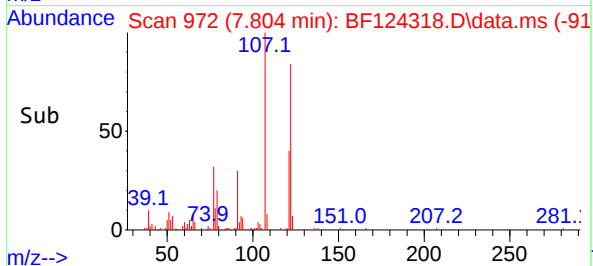
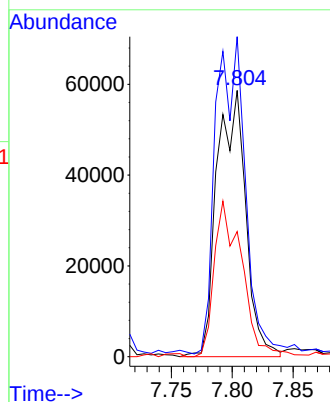
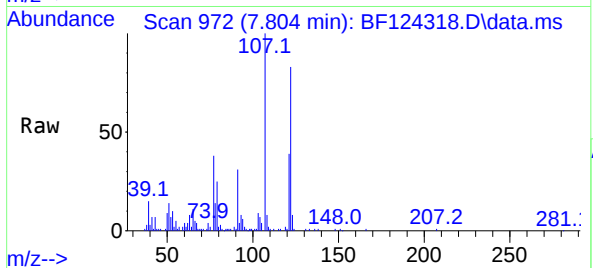
#27
2,4-Dimethylphenol
Concen: 51.650 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.023 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:	122	Resp:	96184
Ion	Ratio	Lower	Upper
122	100		
107	120.2	106.3	159.5
121	47.0	45.4	68.0

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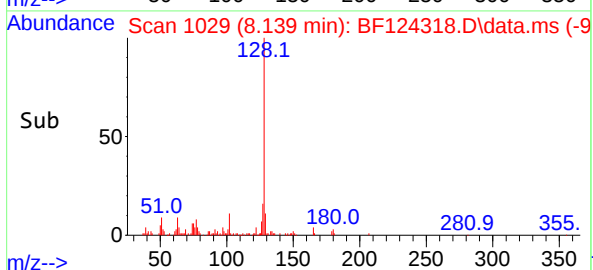
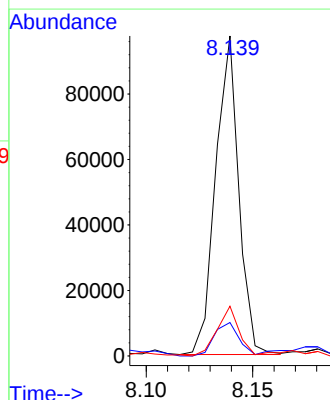
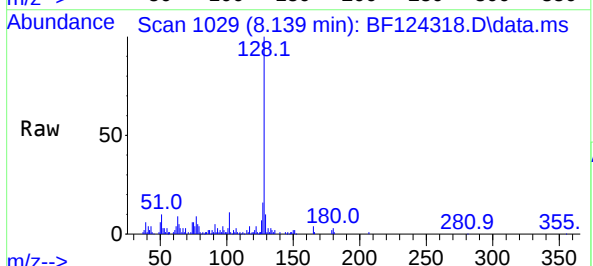
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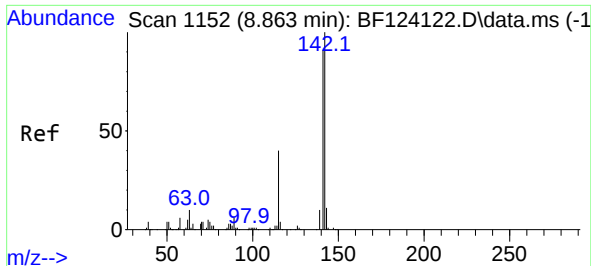
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#31
Naphthalene
Concen: 10.493 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:	128	Resp:	73322
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	15.6	10.8	16.2





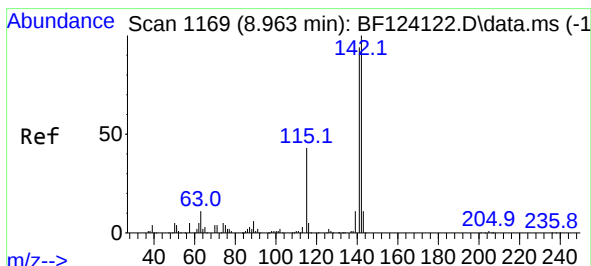
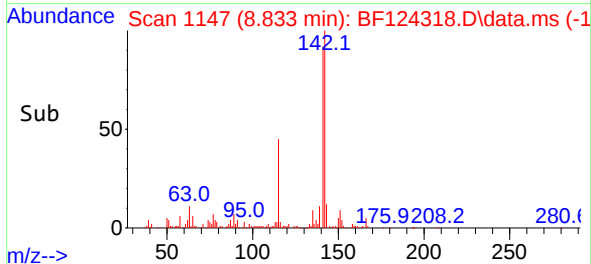
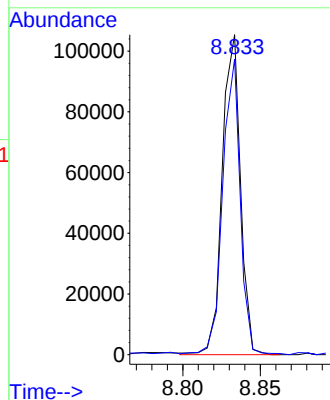
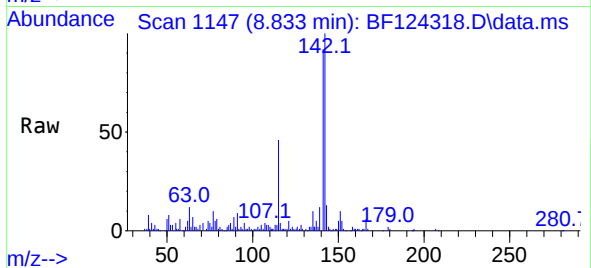
#37
2-Methylnaphthalene
Concen: 17.553 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.000 min
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Acq: 14 Jun 2021 21:39

Tgt Ion:142 Resp: 86020
Ion Ratio Lower Upper
142 100
141 92.4 71.8 107.6

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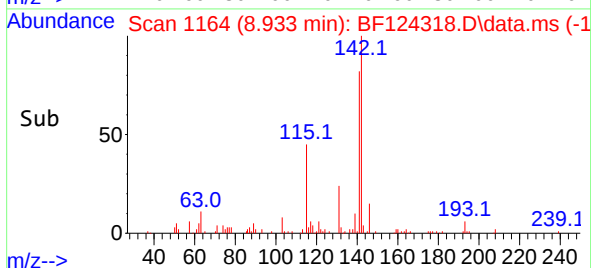
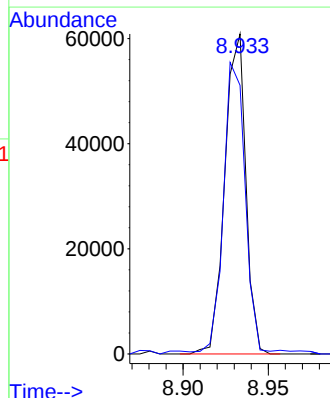
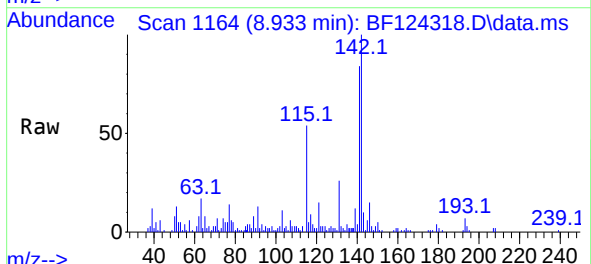
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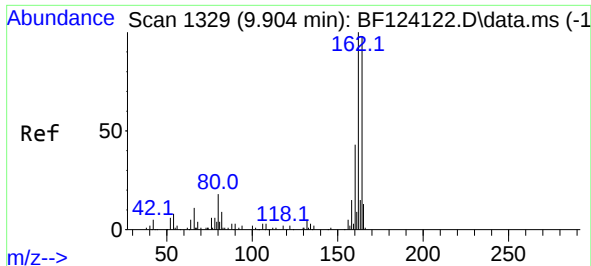
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#38
1-Methylnaphthalene
Concen: 11.410 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

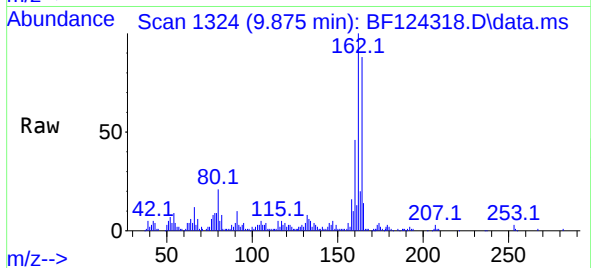
Tgt Ion:142 Resp: 52252
Ion Ratio Lower Upper
142 100
141 83.9 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

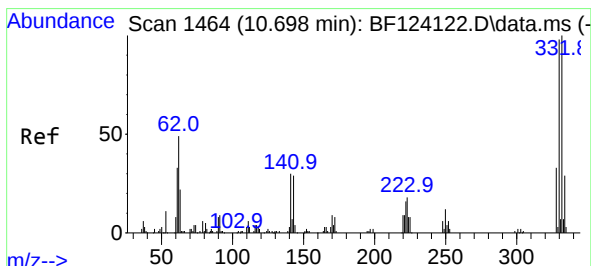
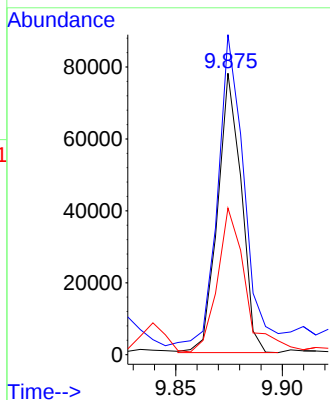
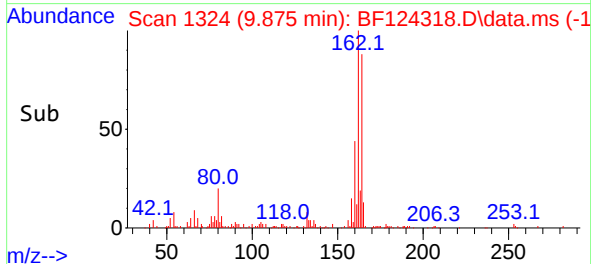
Instrument :
BNA_F
ClientSampleId :
TMR-DS-06-060921DL



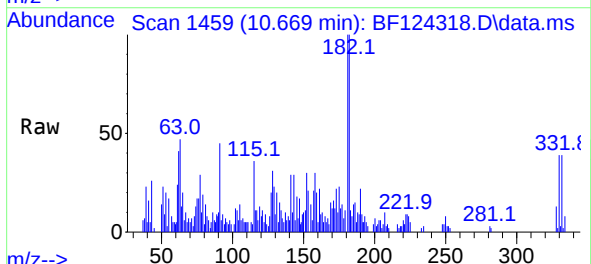
Tgt Ion:164 Resp: 59827
Ion Ratio Lower Upper
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162 113.7 80.7 121.1
160 52.0 37.3 55.9

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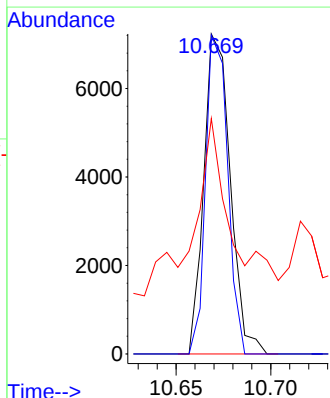
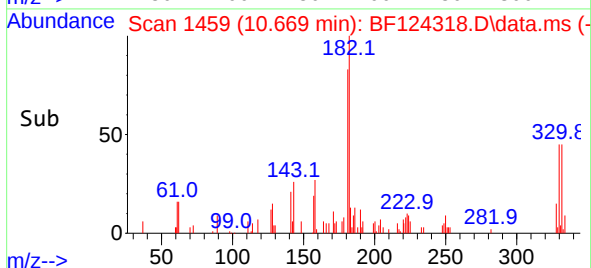
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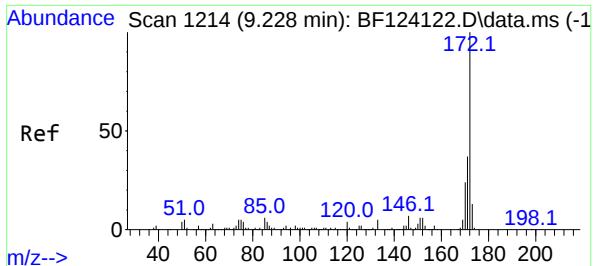


#42
2,4,6-Tribromophenol
Concen: 8.282 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39



Tgt Ion:330 Resp: 7020
Ion Ratio Lower Upper
330 100
332 82.8 77.1 115.7
141 78.1 27.9 41.9#





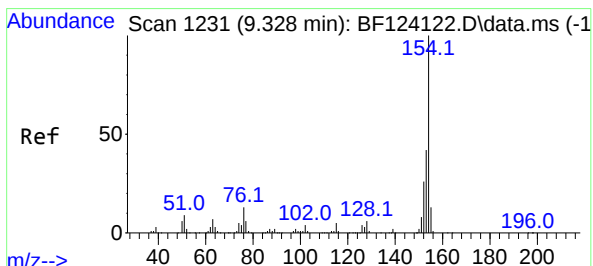
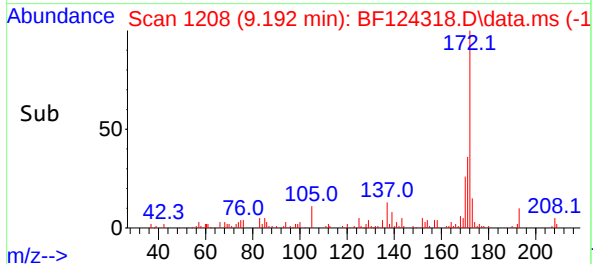
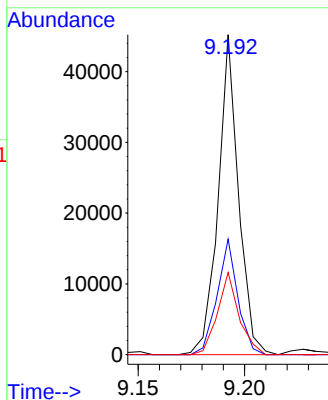
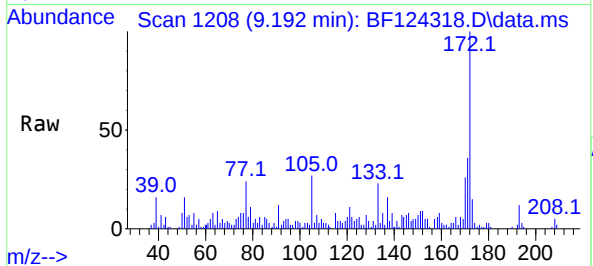
#45
2-Fluorobiphenyl
Concen: 6.308 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:	172	Resp:	29990
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.1	42.1
170	25.7	19.2	28.8

Instrument :
BNA_F
ClientSampleId :
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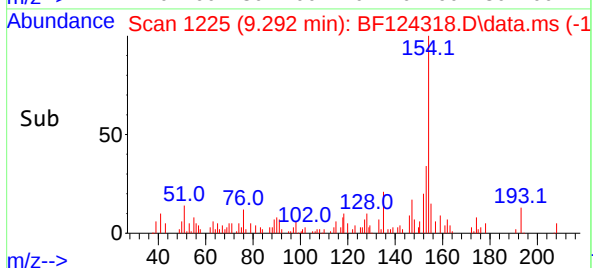
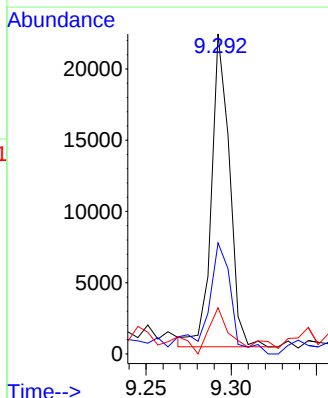
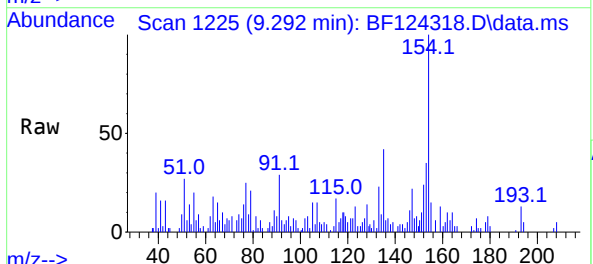
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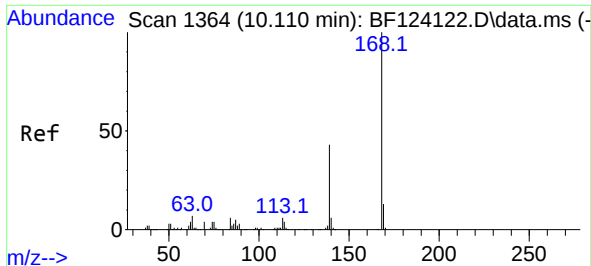
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#46
1,1'-Biphenyl
Concen: 3.213 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:	154	Resp:	16227
Ion Ratio	Lower	Upper	
154	100		
153	34.7	20.7	60.7
76	14.4	0.0	31.7





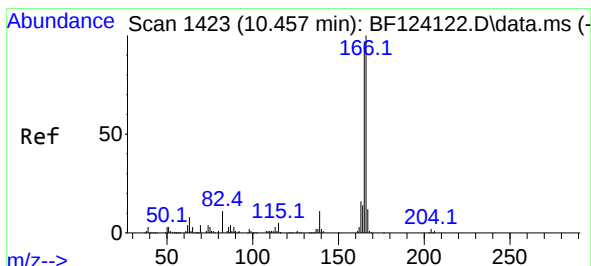
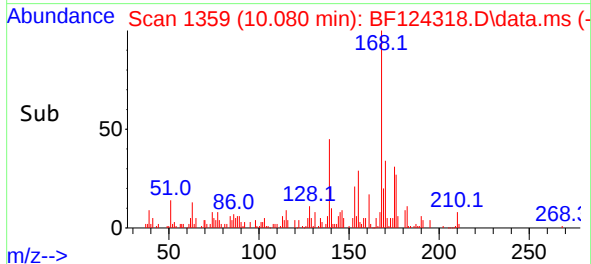
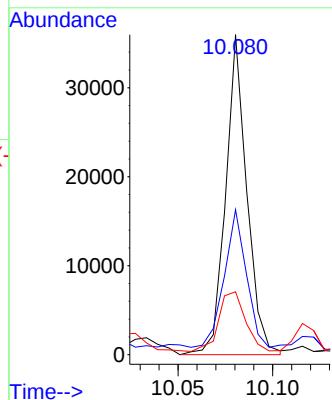
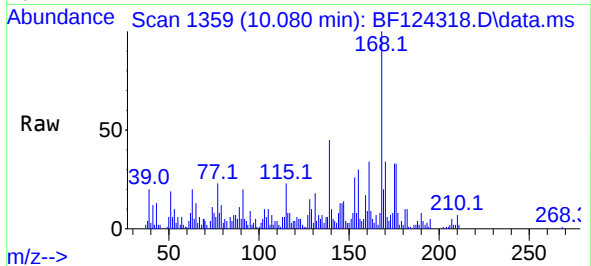
#55
Dibenzenofuran
Concen: 4.596 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:168 Resp: 28071
Ion Ratio Lower Upper
168 100
139 45.3 33.2 49.8
169 19.6 10.8 16.2#

Instrument :
BNA_F
ClientSampleId :
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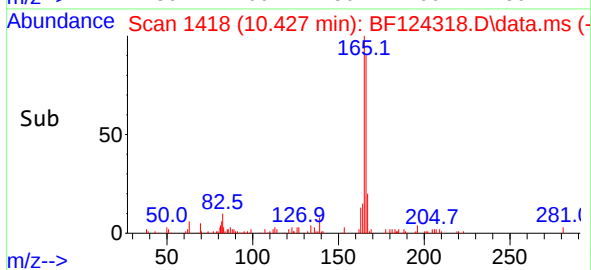
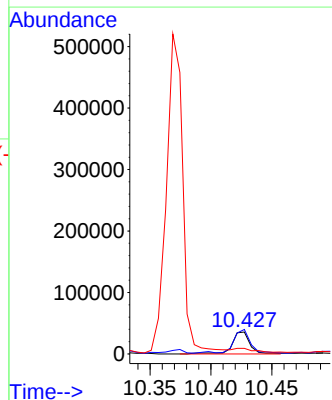
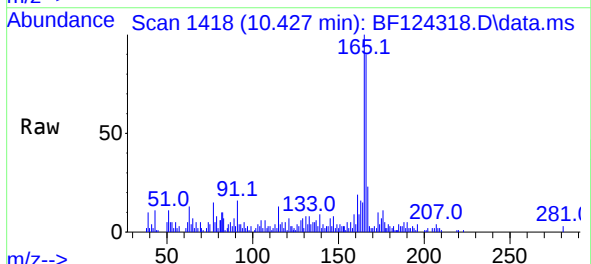
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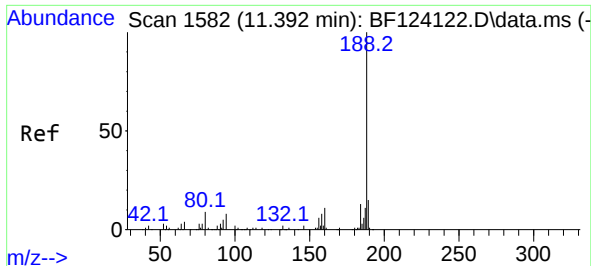
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#58
Fluorene
Concen: 7.795 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:166 Resp: 36549
Ion Ratio Lower Upper
166 100
165 111.7 73.5 110.3#
167 25.4 10.7 16.1#





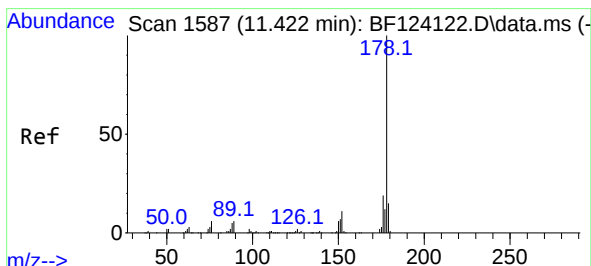
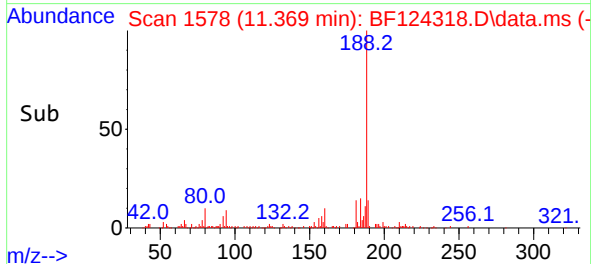
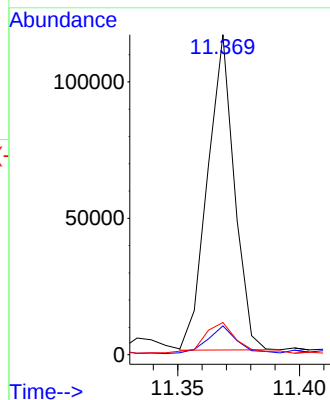
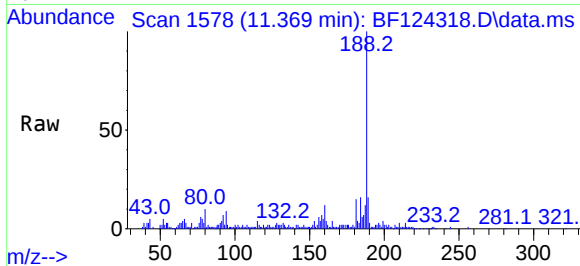
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:188 Resp: 88546
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.0 8.2 12.2

Instrument :
BNA_F
ClientSampleId :
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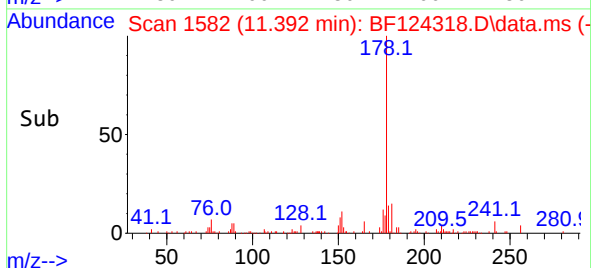
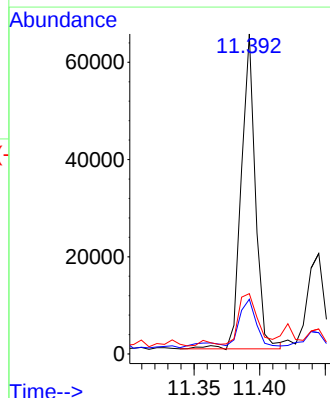
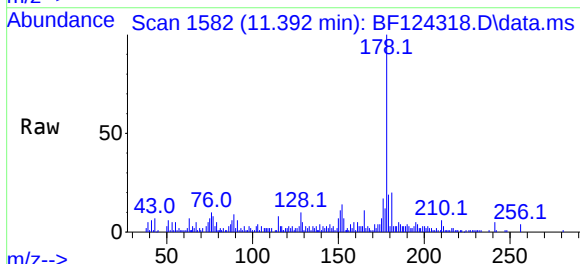
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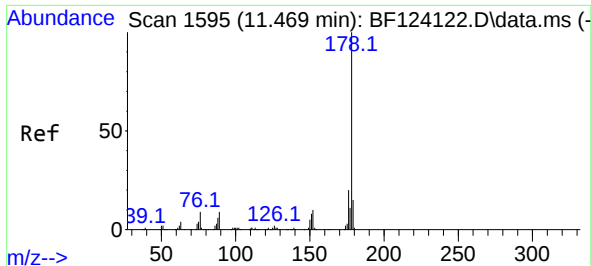
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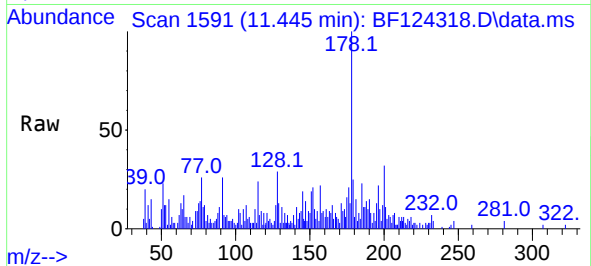
#71
Phenanthrene
Concen: 8.778 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:178 Resp: 48556
Ion Ratio Lower Upper
178 100
176 17.1 15.6 23.4
179 18.8 12.5 18.7#

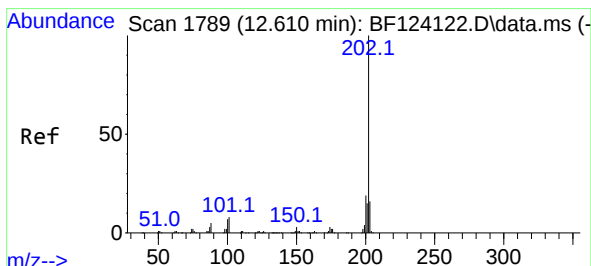
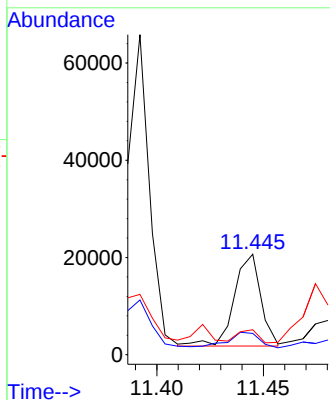
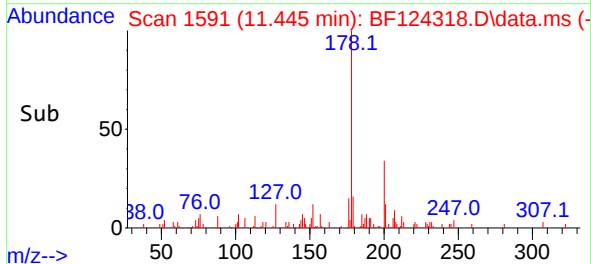




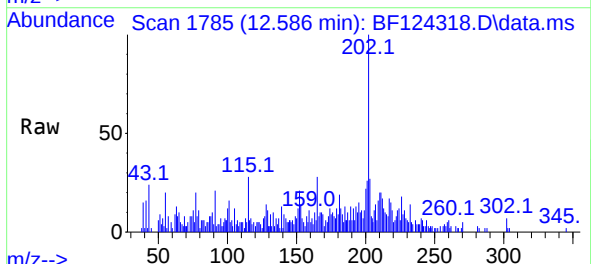
#72
 Anthracene
 Concen: 2.950 ng m
 RT: 11.445 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BF124318.D
 Acq: 14 Jun 2021 21:39



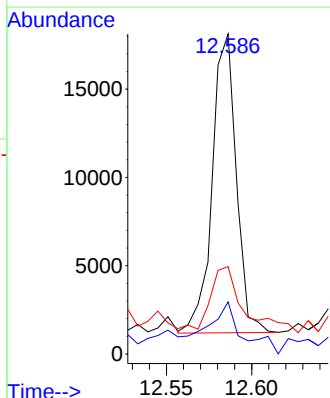
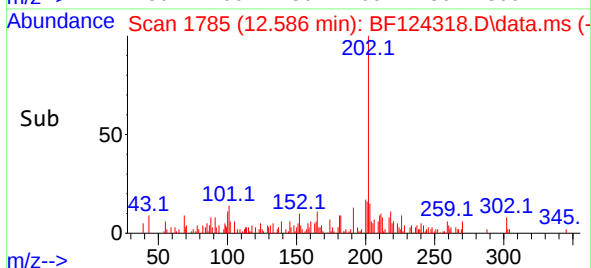
Tgt Ion:178 Resp: 16434
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.4 23.0
 179 24.8 12.6 18.8#



#75
 Fluoranthene
 Concen: 2.864 ng
 RT: 12.586 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: BF124318.D
 Acq: 14 Jun 2021 21:39



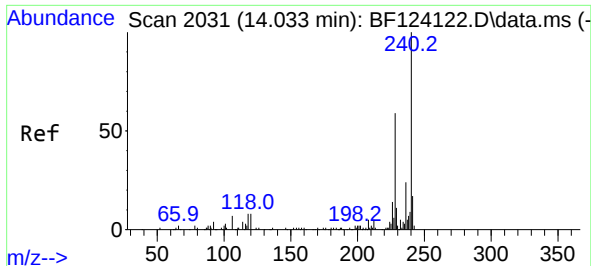
Tgt Ion:202 Resp: 16630
 Ion Ratio Lower Upper
 202 100
 101 16.3 0.0 30.9
 203 27.3 0.0 37.5



Instrument :
 BNA_F
 ClientSampleId :
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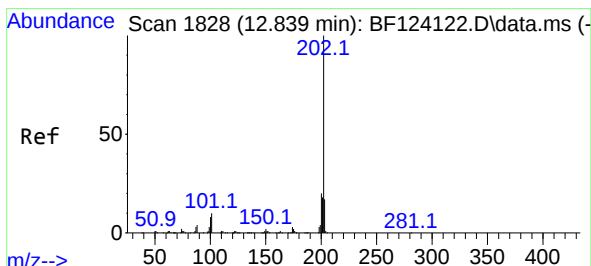
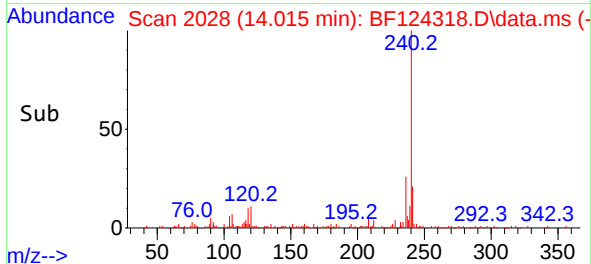
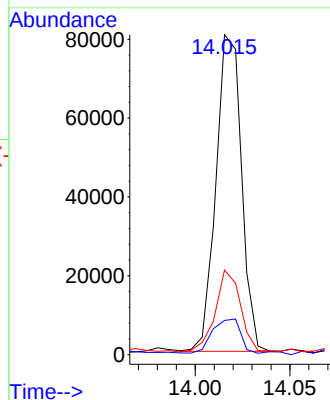
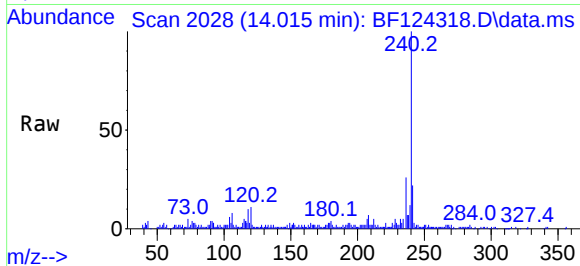
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:	240	Resp:	75477
Ion Ratio	Lower	Upper	
240	100		
120	10.7	7.2	10.8
236	26.5	19.0	28.4

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

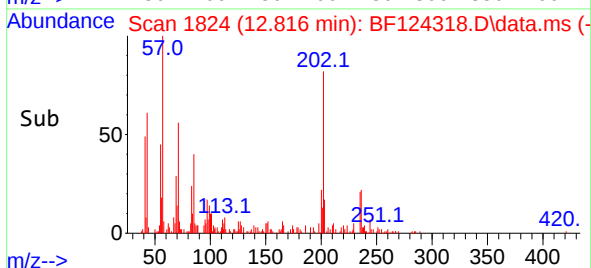
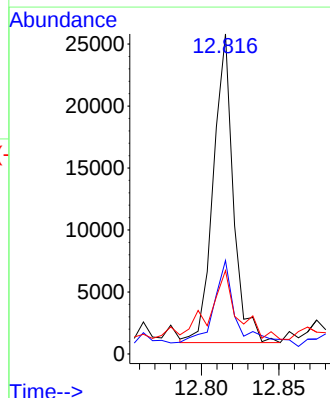
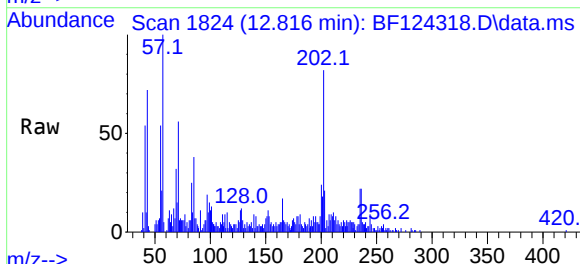
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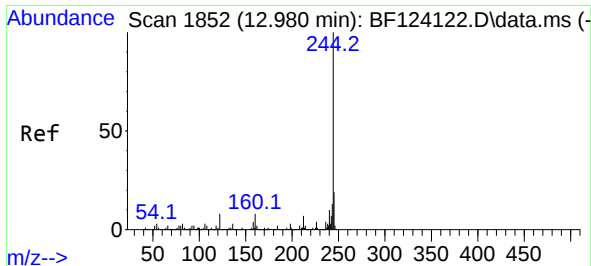
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#78
Pyrene
Concen: 3.074 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:	202	Resp:	22283
Ion Ratio	Lower	Upper	
202	100		
200	29.2	16.1	24.1#
203	26.1	14.8	22.2#





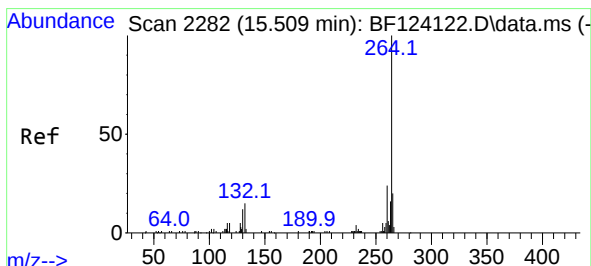
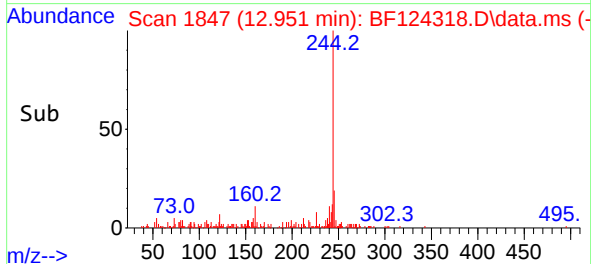
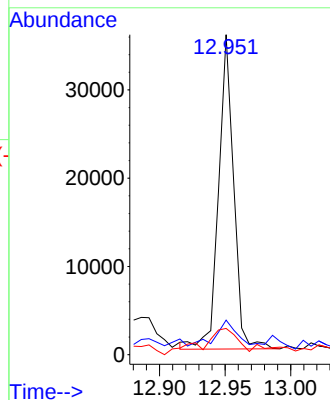
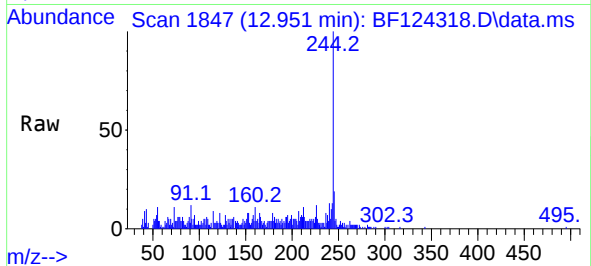
#79
Terphenyl-d14
Concen: 5.200 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:244 Resp: 28587
Ion Ratio Lower Upper
244 100
212 10.8 5.7 8.5#
122 8.2 9.7 14.5#

Instrument :
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ClientSampleId :
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF124318.D
Acq: 14 Jun 2021 21:39

Tgt Ion:264 Resp: 52754
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.4 17.8 26.8

