

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124291.D
 Acq On : 12 Jun 2021 17:47
 Operator : JU/CG
 Sample : M2674-05 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-05-060921

Manual Integrations
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Quant Time: Jun 14 04:26:55 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	6.839	152	39129	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	155489	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	79883	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	114279	20.000	ng	0.00
76) Chrysene-d12	14.027	240	106954	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	63987	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	4086	1.572	ng	0.00
7) Phenol-d6	6.492	99	5368	1.536	ng	0.00
23) Nitrobenzene-d5	7.404	82	8016m	2.045	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	1700	1.502	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	8828	1.391	ng	0.00
79) Terphenyl-d14	12.963	244	9594	1.232	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.510	94	50678	13.421	ng	99
17) 2-Methylphenol	7.116	107	86976	36.992	ng	# 89
20) 3+4-Methylphenols	7.275	107	184027	59.070	ng	# 70
27) 2,4-Dimethylphenol	7.798	122	191819	77.429	ng	94
31) Naphthalene	8.151	128	257512	27.701	ng	99
37) 2-Methylnaphthalene	8.851	142	224664	34.462	ng	98
38) 1-Methylnaphthalene	8.945	142	132923	21.819	ng	94
46) 1,1'-Biphenyl	9.310	154	37766	5.600	ng	95
49) Acenaphthylene	9.751	152	21759	2.727	ng	# 58
52) Acenaphthene	9.922	154	14199	2.725	ng	# 67
55) Dibenzofuran	10.098	168	51836m	6.356	ng	
58) Fluorene	10.439	166	60922	9.731	ng	# 88
71) Phenanthrene	11.404	178	68292	9.566	ng	95
72) Anthracene	11.457	178	26468m	3.681	ng	
75) Fluoranthene	12.598	202	17574	2.345	ng	77
78) Pyrene	12.827	202	26708	2.601	ng	94

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

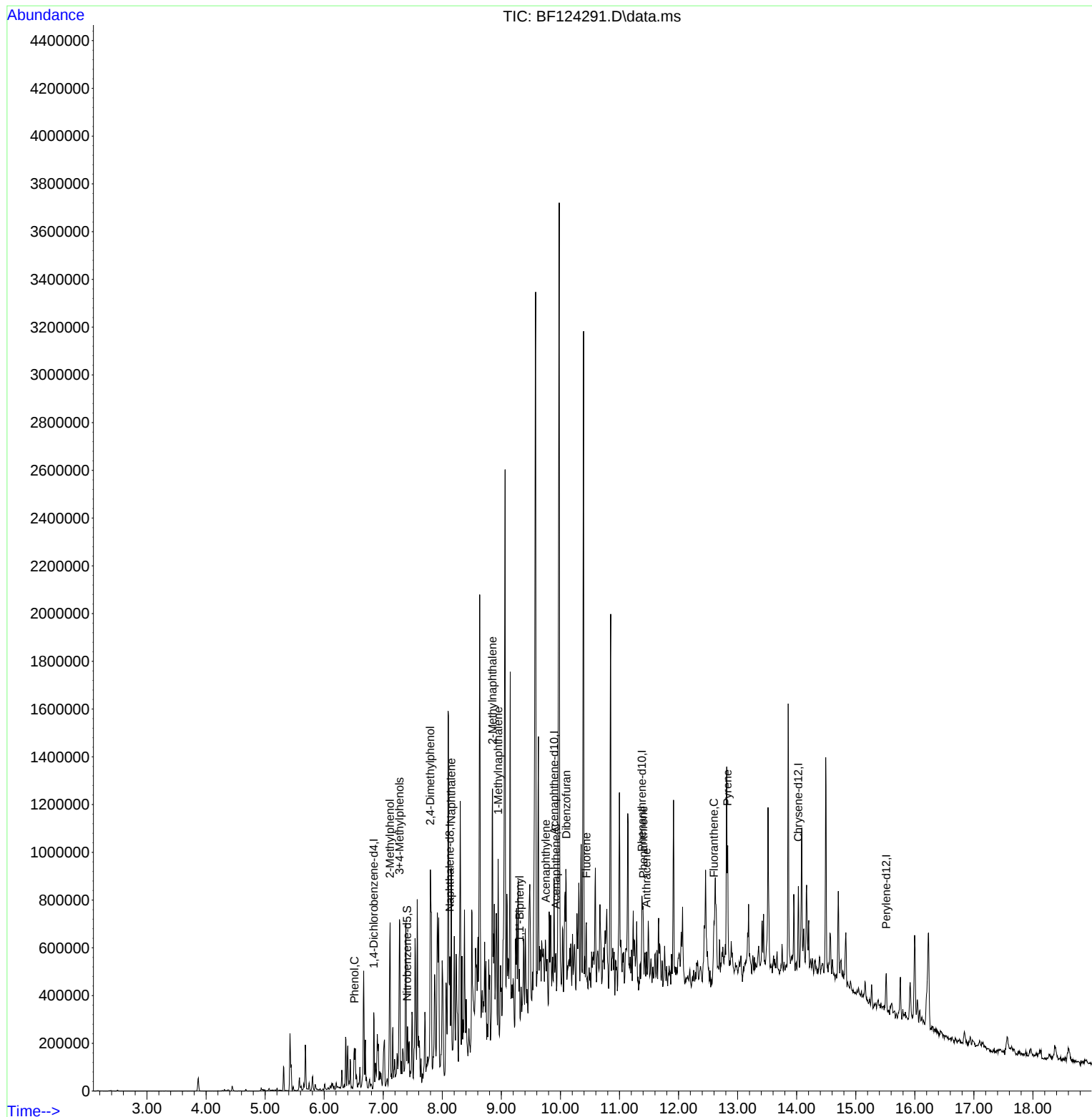
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
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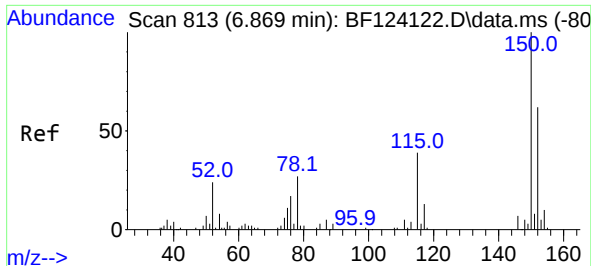
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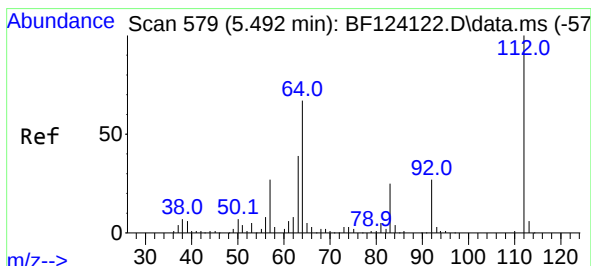
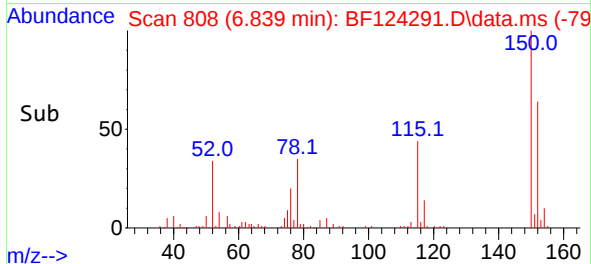
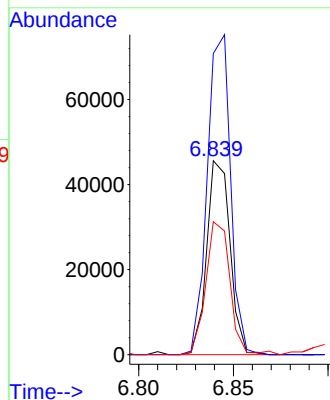
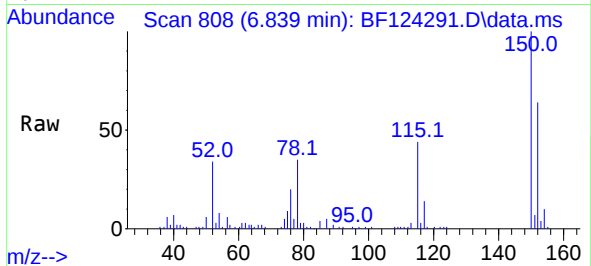
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:152 Resp: 39129
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 68.5 54.3 81.5

Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

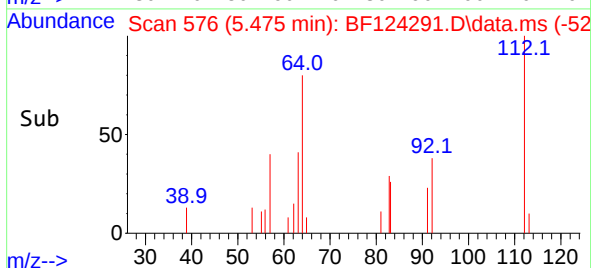
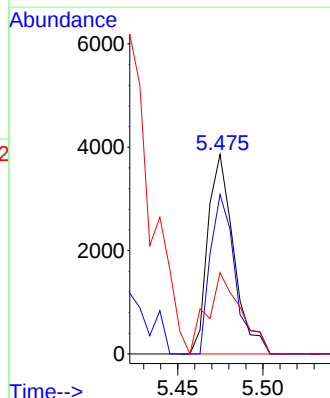
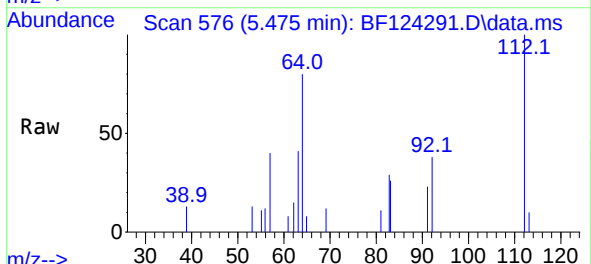
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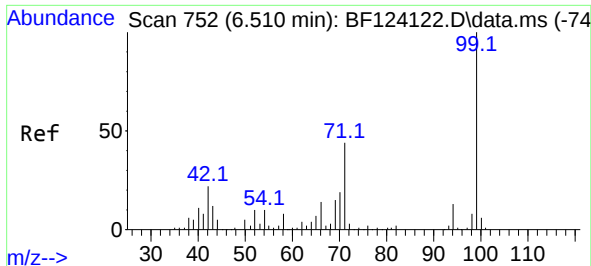
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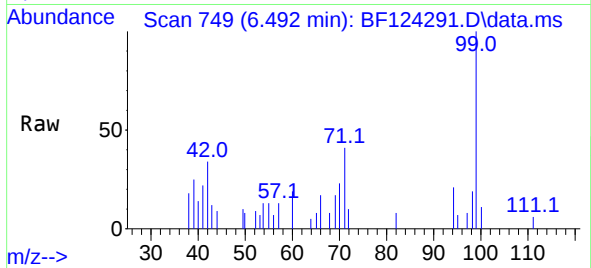
#5
2-Fluorophenol
Concen: 1.572 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:112 Resp: 4086
Ion Ratio Lower Upper
112 100
64 79.9 61.4 92.0
63 40.8 33.0 49.4

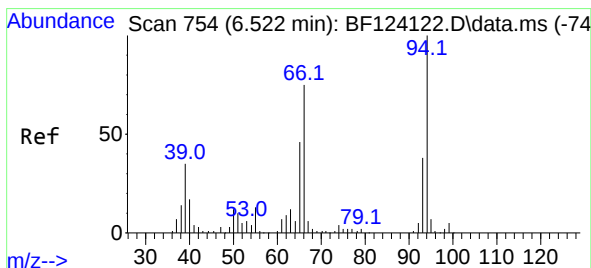
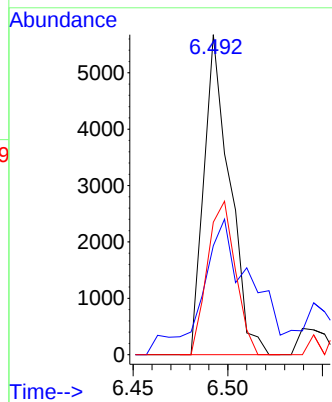
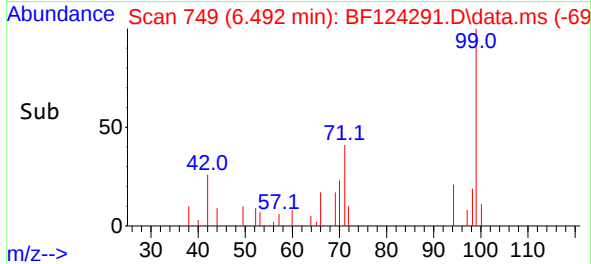




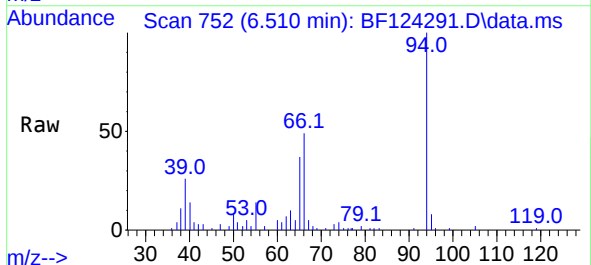
#7
Phenol-d6
Concen: 1.536 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47



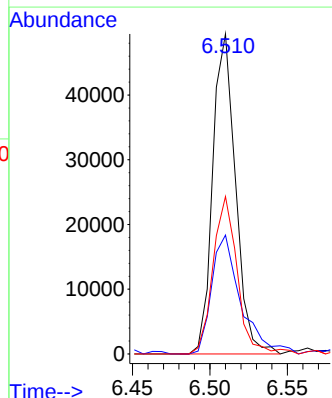
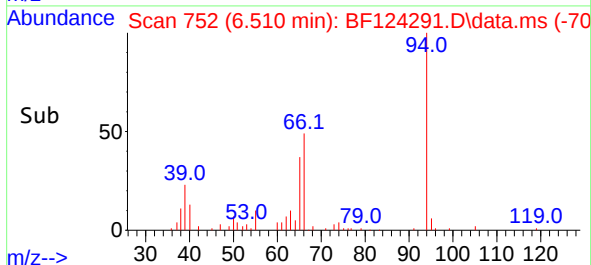
Tgt Ion: 99 Resp: 5368
Ion Ratio Lower Upper
99 100
42 34.1 19.8 29.8#
71 41.4 31.1 46.7



#10
Phenol
Concen: 13.421 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47



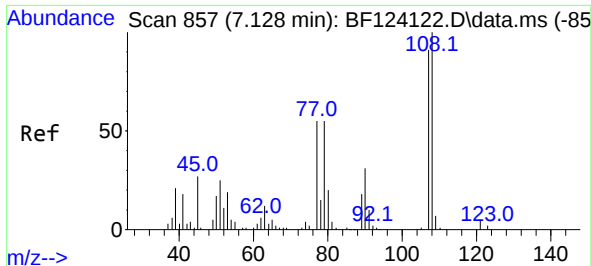
Tgt Ion: 94 Resp: 50678
Ion Ratio Lower Upper
94 100
65 37.1 18.1 58.1
66 49.2 29.0 69.0



Instrument :
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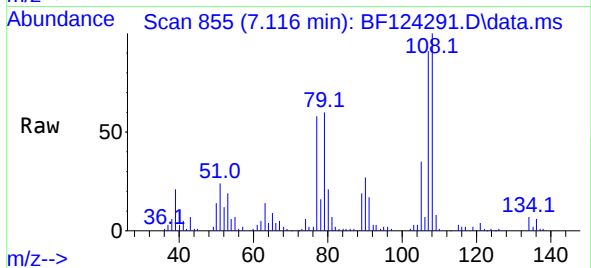
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#17
2-Methylphenol
Concen: 36.992 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

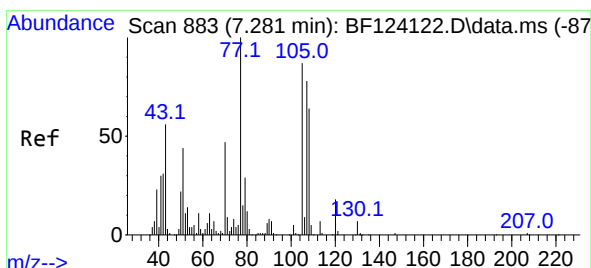
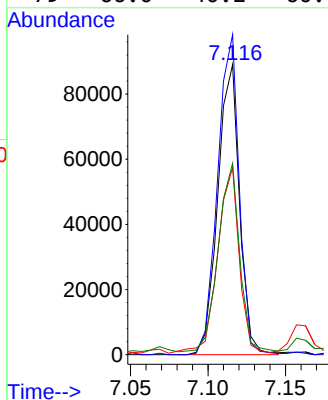
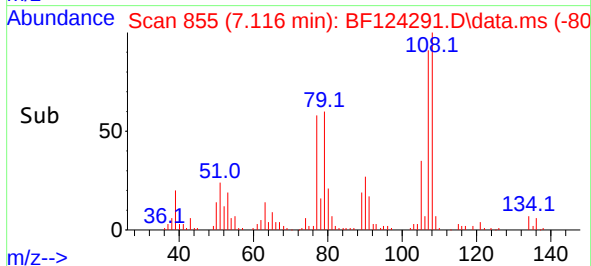
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ClientSampleId :
TMR-DS-05-060921



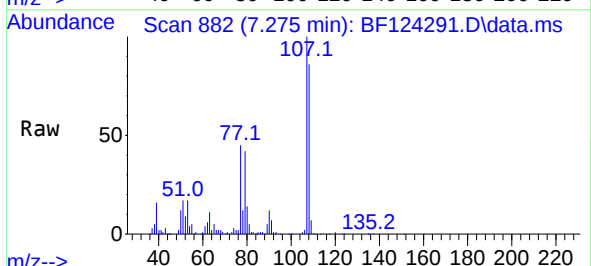
Tgt Ion:107 Resp: 86976
Ion Ratio Lower Upper
107 100
108 110.3 89.8 134.8
77 64.5 40.9 61.3#
79 66.0 40.2 60.4#

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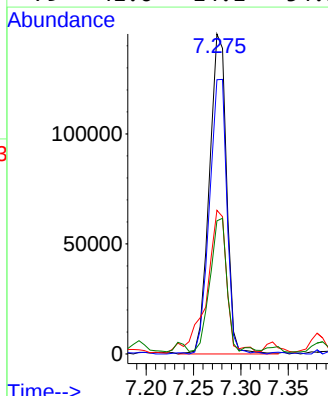
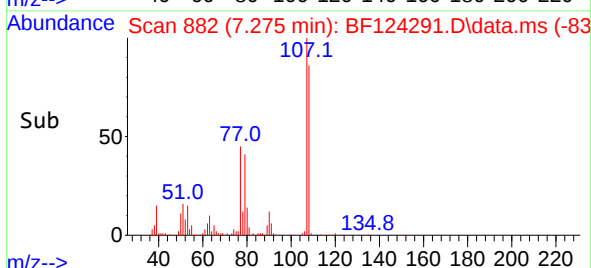
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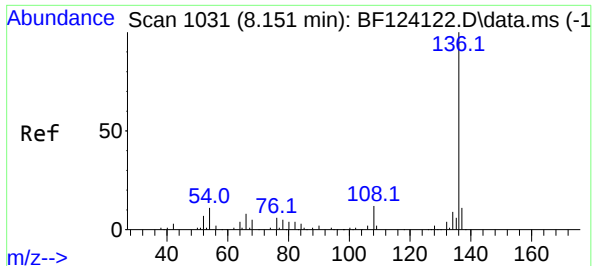


#20
3+4-Methylphenols
Concen: 59.070 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

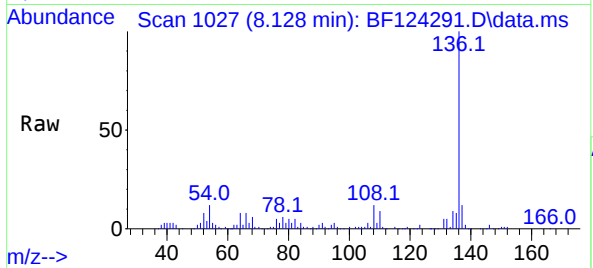


Tgt Ion:107 Resp: 184027
Ion Ratio Lower Upper
107 100
108 85.7 71.5 111.5
77 44.9 82.0 122.0#
79 41.6 14.1 54.1



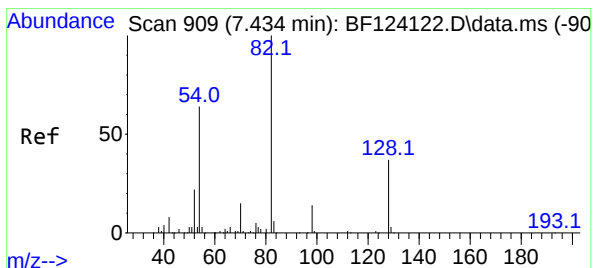
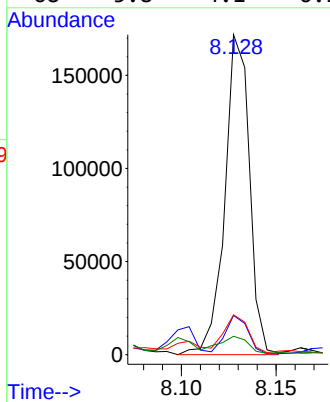
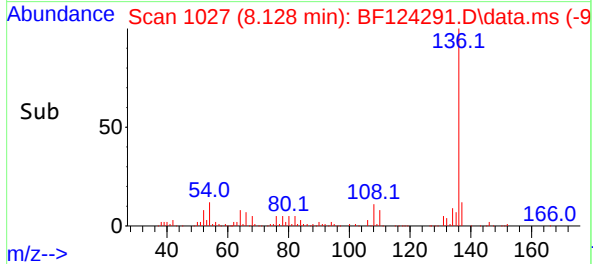


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

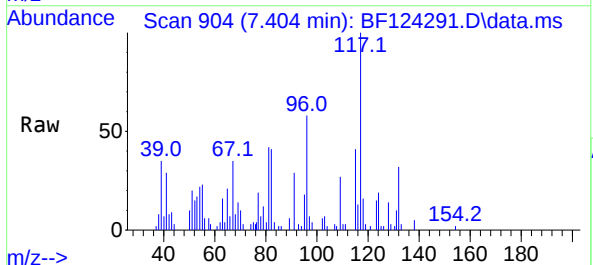


Tgt Ion: 136 Resp: 155489

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.7	13.1
54	12.5	9.8	14.6
68	5.8	4.1	6.1

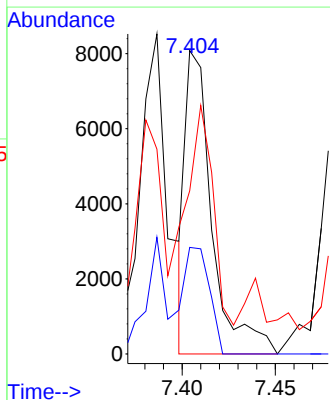
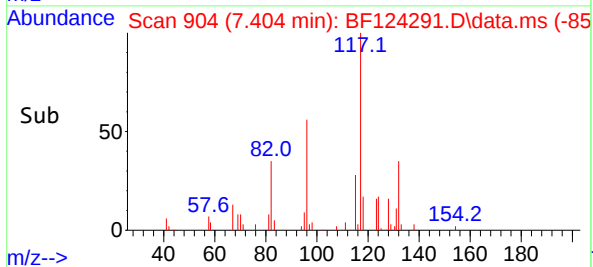


#23
Nitrobenzene-d5
Concen: 2.045 ng m
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47



Tgt Ion: 82 Resp: 8016

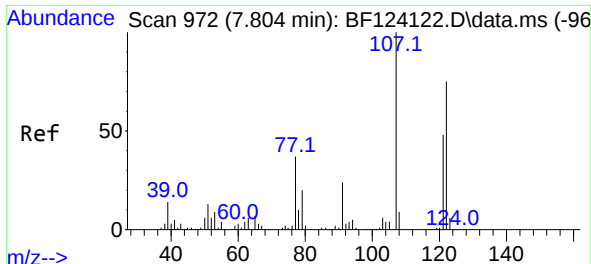
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.4	44.2
54	53.8	54.1	81.1#



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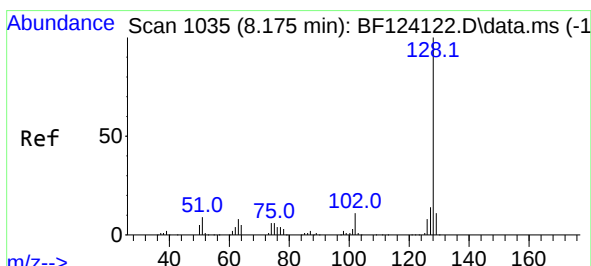
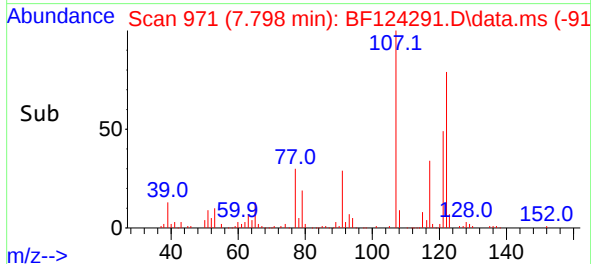
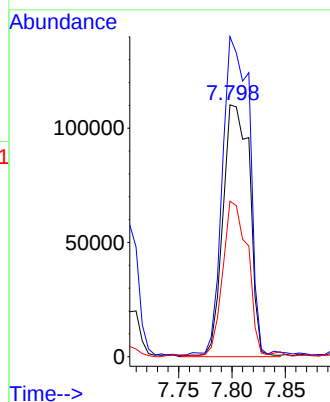
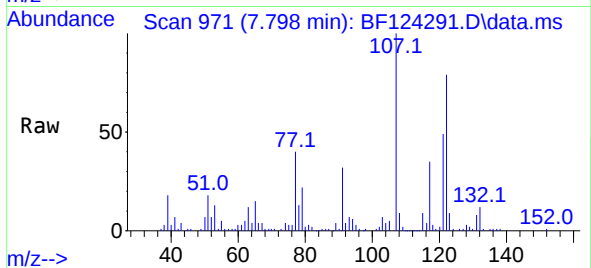
#27
2,4-Dimethylphenol
Concen: 77.429 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:	122	Resp:	191819
Ion	Ratio	Lower	Upper
122	100		
107	127.1	106.3	159.5
121	61.8	45.4	68.0

Instrument :
BNA_F
ClientSampleId :
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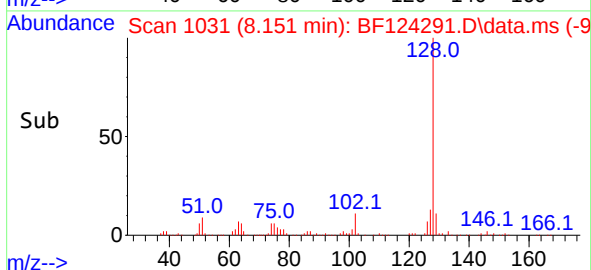
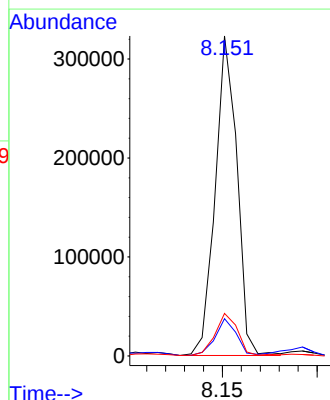
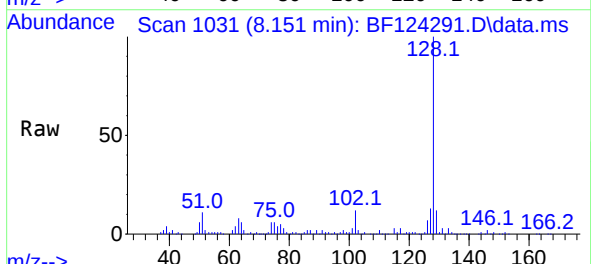
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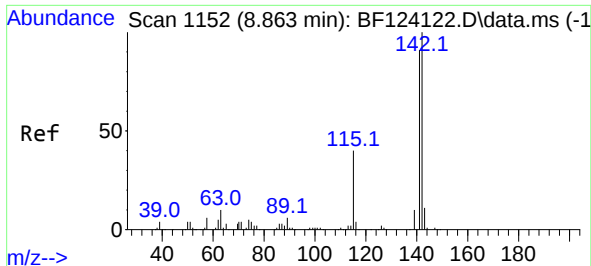
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#31
Naphthalene
Concen: 27.701 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:	128	Resp:	257512
Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.3	10.8	16.2





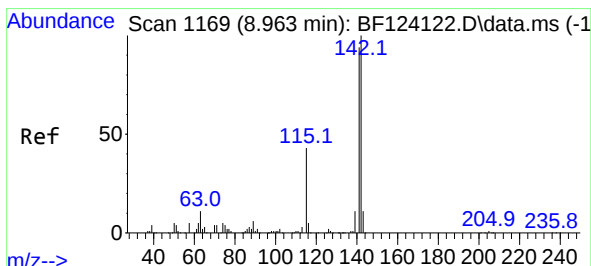
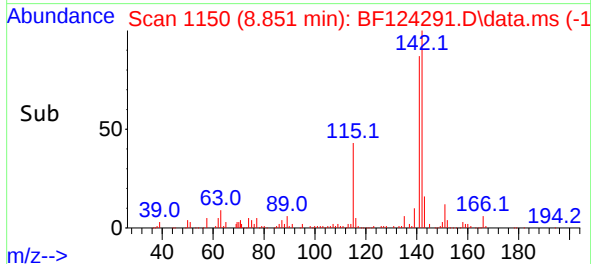
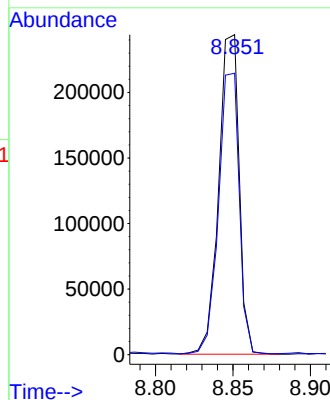
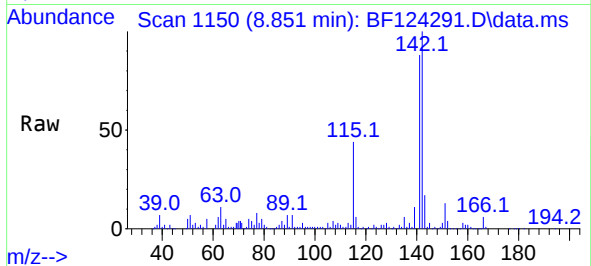
#37
2-Methylnaphthalene
Concen: 34.462 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:142 Resp: 224664
Ion Ratio Lower Upper
142 100
141 87.9 71.8 107.6

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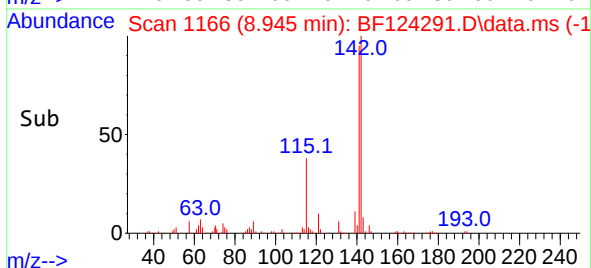
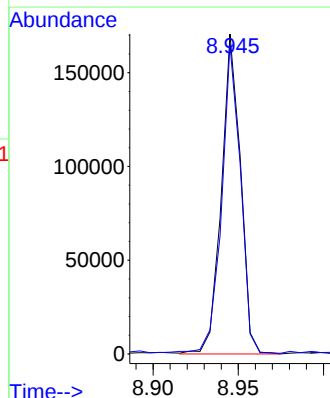
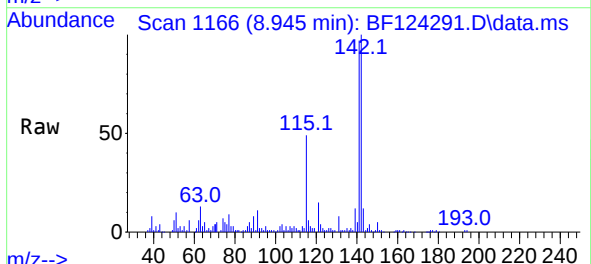
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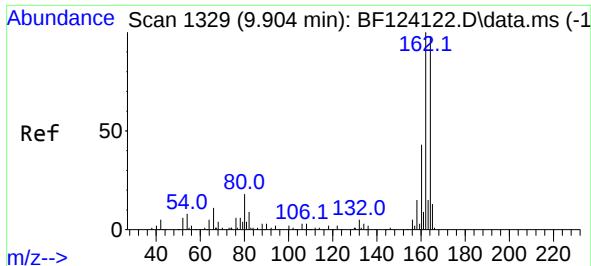
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#38
1-Methylnaphthalene
Concen: 21.819 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

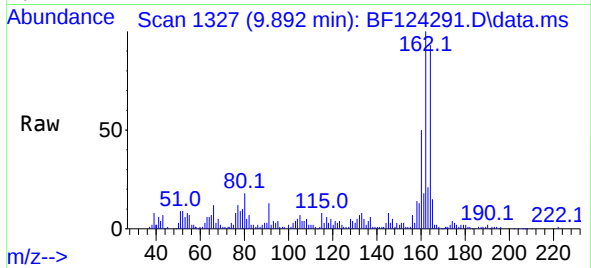
Tgt Ion:142 Resp: 132923
Ion Ratio Lower Upper
142 100
141 96.7 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

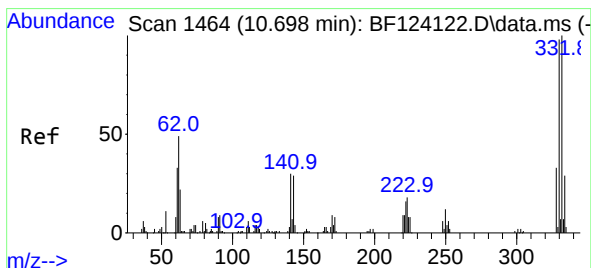
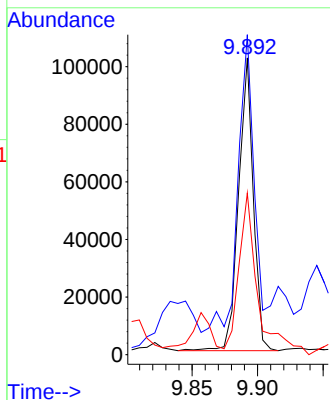
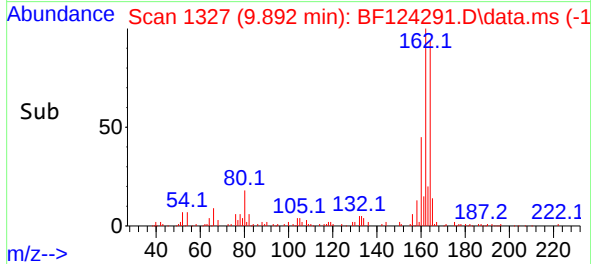
Instrument :
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TMR-DS-05-060921



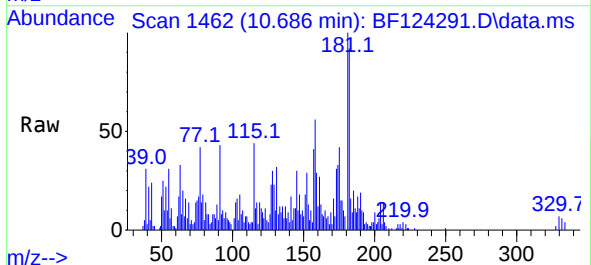
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Ion Ratio Lower Upper
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162 107.8 80.7 121.1
160 54.4 37.3 55.9

Manual Integrations
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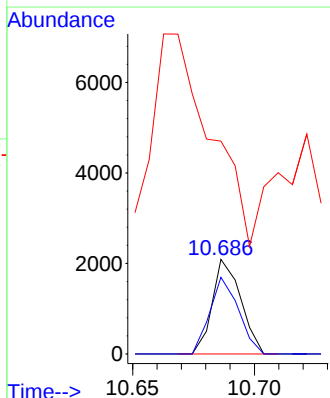
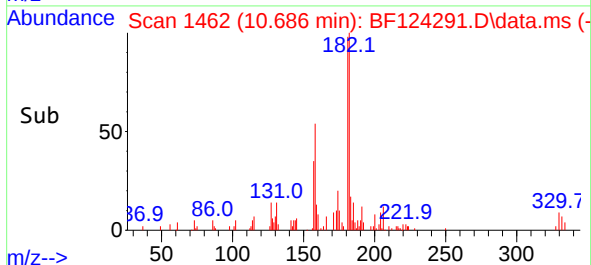
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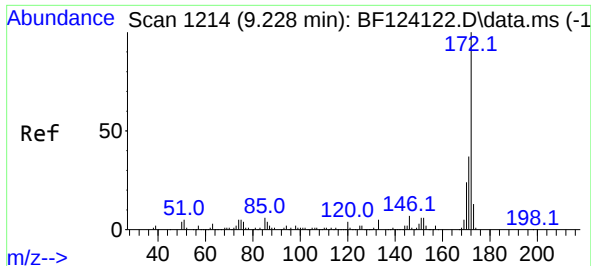


#42
2,4,6-Tribromophenol
Concen: 1.502 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47



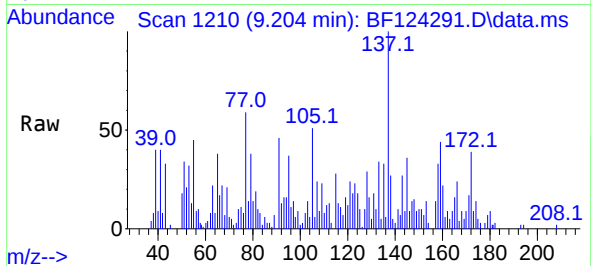
Tgt Ion:330 Resp: 1700
Ion Ratio Lower Upper
330 100
332 81.5 77.1 115.7
141 0.0 27.9 41.9#





#45
2-Fluorobiphenyl
Concen: 1.391 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

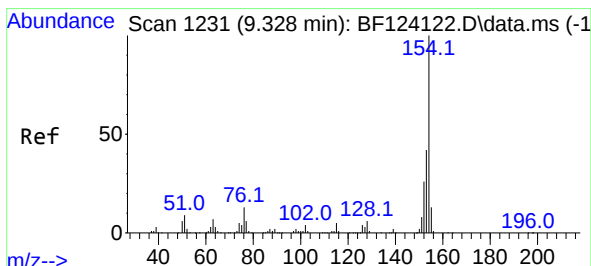
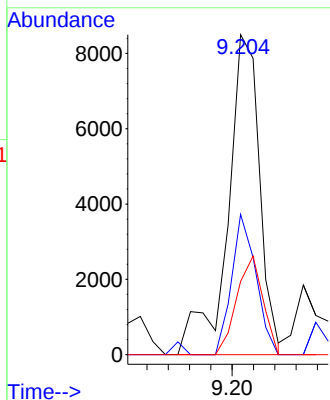
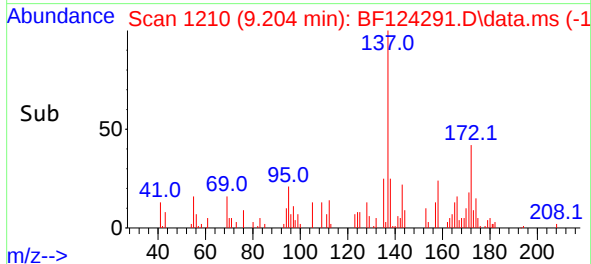
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921



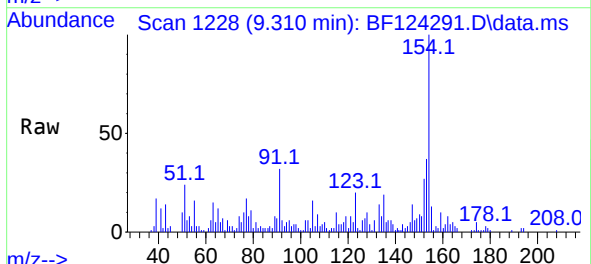
Tgt Ion:172 Resp: 8828
Ion Ratio Lower Upper
172 100
171 43.8 28.1 42.1#
170 22.9 19.2 28.8

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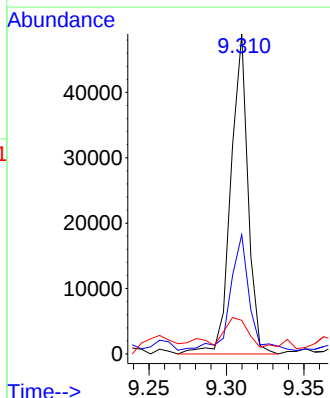
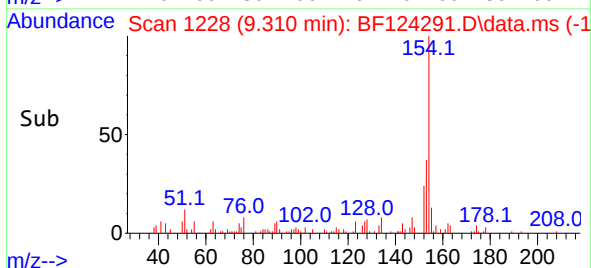
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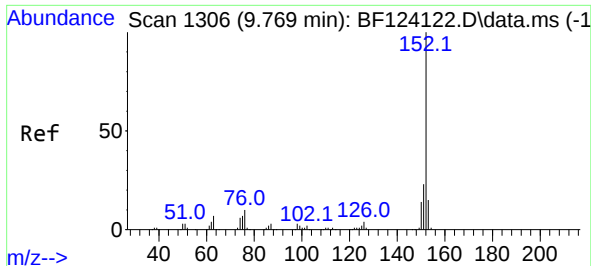


#46
1,1'-Biphenyl
Concen: 5.600 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47



Tgt Ion:154 Resp: 37766
Ion Ratio Lower Upper
154 100
153 37.3 20.7 60.7
76 10.5 0.0 31.7





#49

Acenaphthylene

Concen: 2.727 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BF124291.D

Acq: 12 Jun 2021 17:47

Tgt Ion:	152	Resp:	21759
Ion Ratio	Lower	Upper	
152	100		
151	34.9	16.0	24.0#
153	35.3	10.4	15.6#

Instrument :

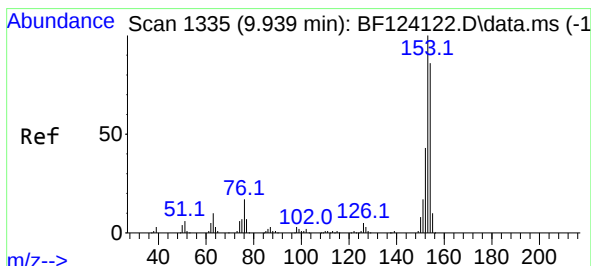
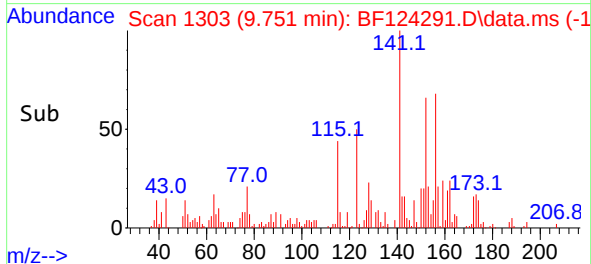
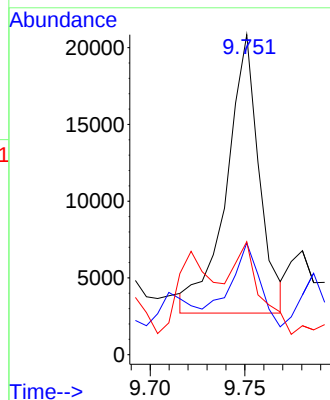
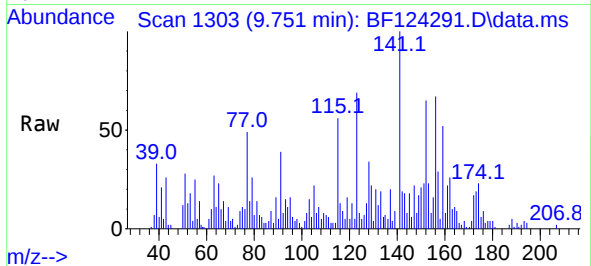
BNA_F

ClientSampleId :

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#52

Acenaphthene

Concen: 2.725 ng

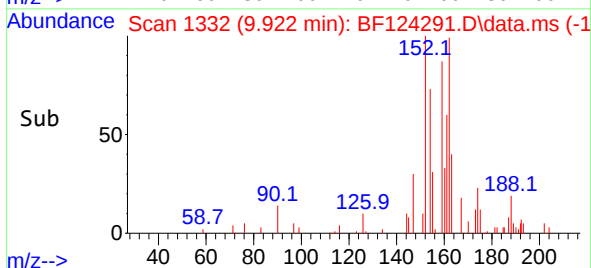
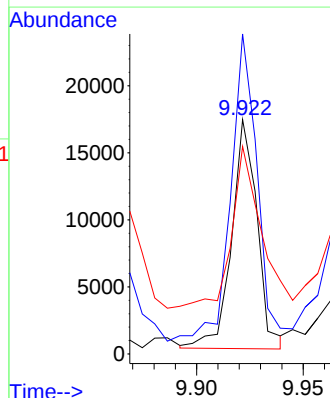
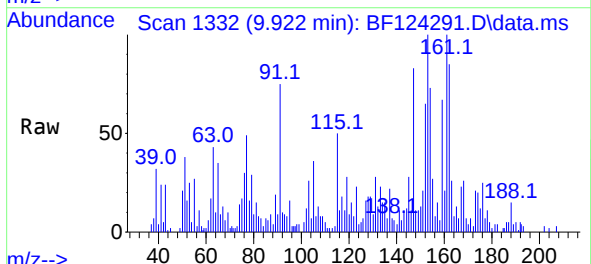
RT: 9.922 min Scan# 1332

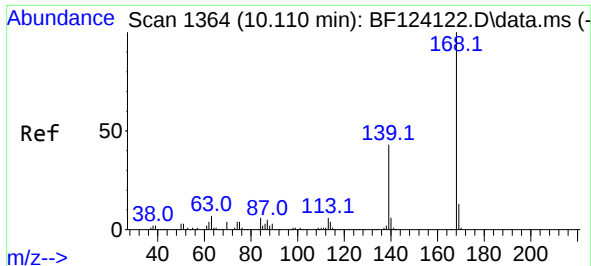
Delta R.T. -0.006 min

Lab File: BF124291.D

Acq: 12 Jun 2021 17:47

Tgt Ion:	154	Resp:	14199
Ion Ratio	Lower	Upper	
154	100		
153	136.5	88.1	132.1#
152	88.5	43.4	65.0#





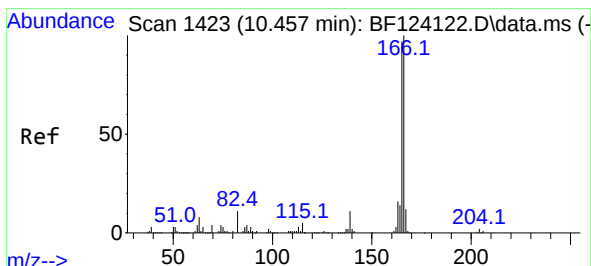
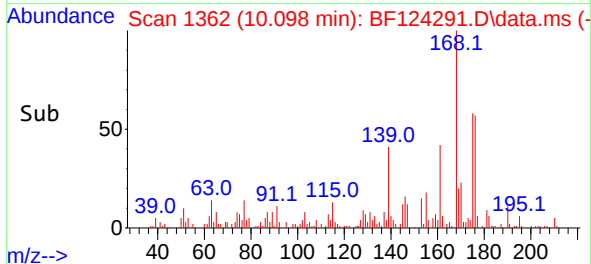
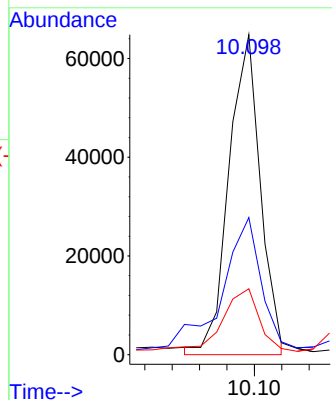
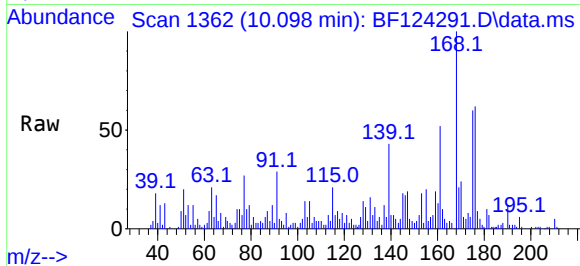
#55
Dibenzenofuran
Concen: 6.356 ng m
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:168 Resp: 51836
Ion Ratio Lower Upper
168 100
139 42.9 33.2 49.8
169 20.6 10.8 16.2#

Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

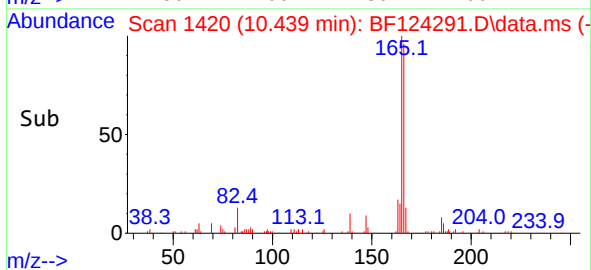
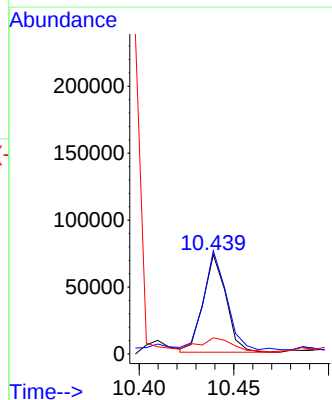
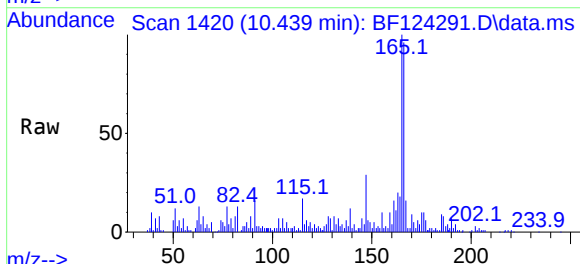
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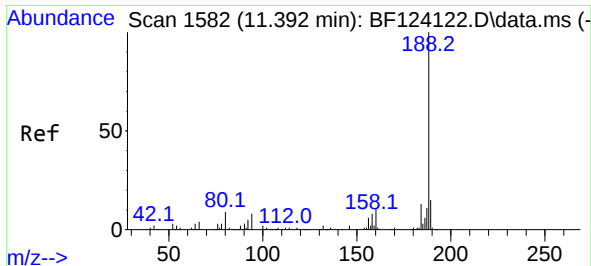
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#58
Fluorene
Concen: 9.731 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:166 Resp: 60922
Ion Ratio Lower Upper
166 100
165 104.2 73.5 110.3
167 16.4 10.7 16.1#





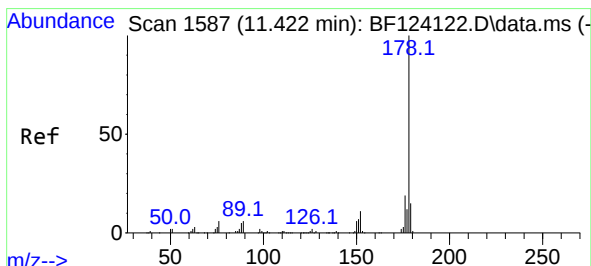
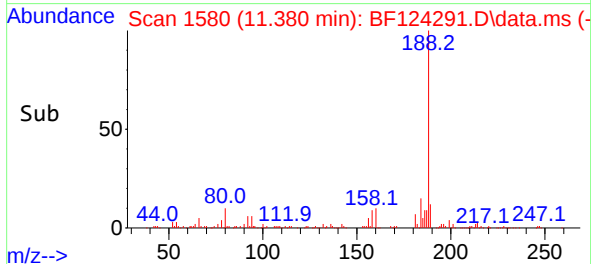
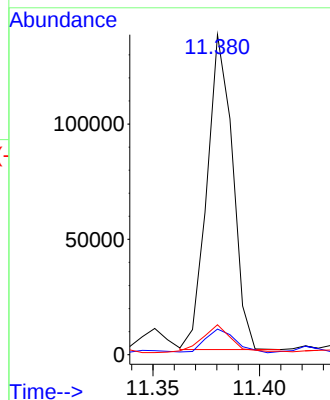
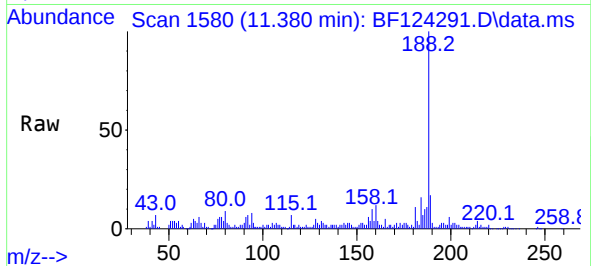
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

Tgt Ion:188 Resp: 114279
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.4 8.2 12.2

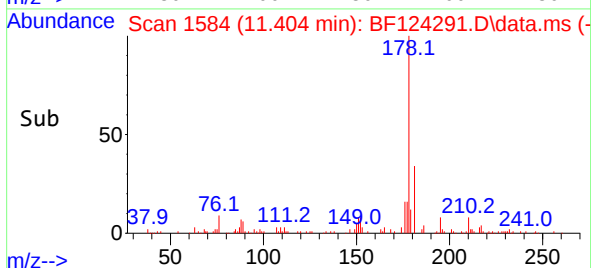
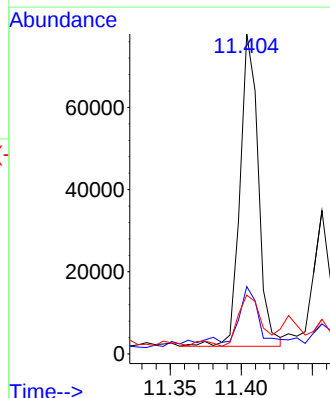
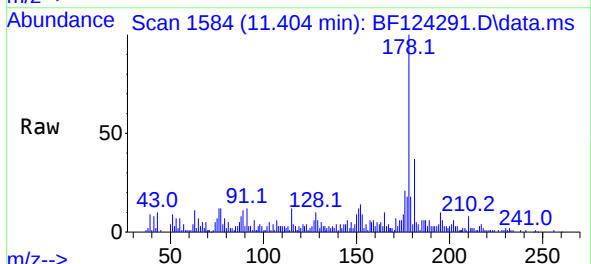
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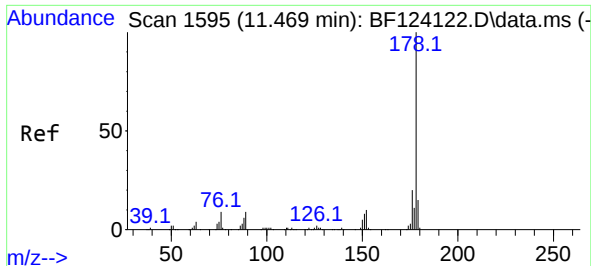
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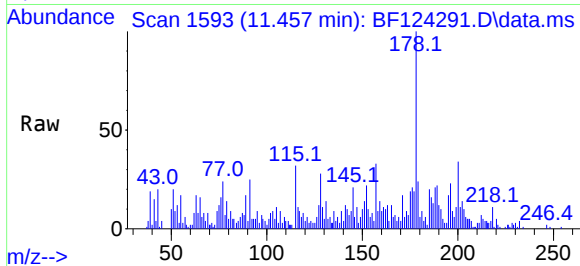
#71
Phenanthrene
Concen: 9.566 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:178 Resp: 68292
Ion Ratio Lower Upper
178 100
176 21.0 15.6 23.4
179 18.4 12.5 18.7

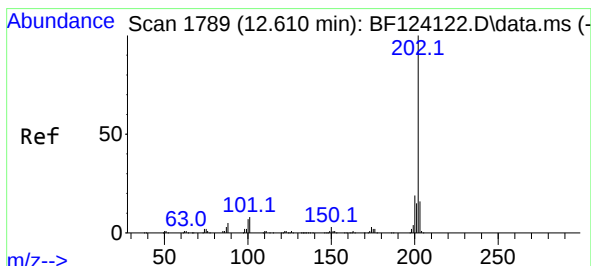
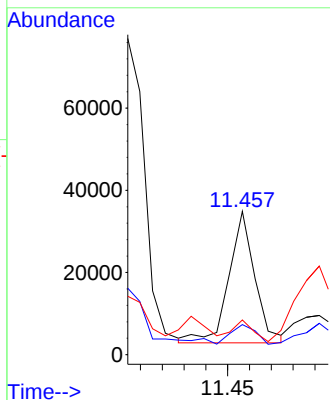
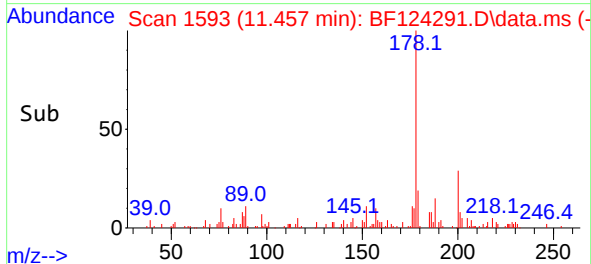




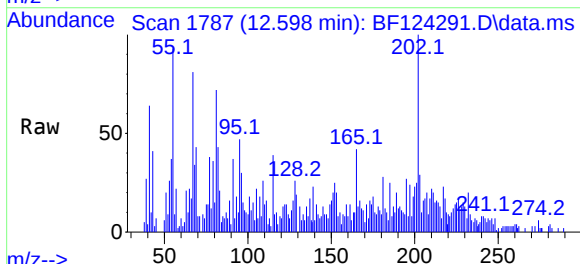
#72
 Anthracene
 Concen: 3.681 ng m
 RT: 11.457 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: BF124291.D
 Acq: 12 Jun 2021 17:47



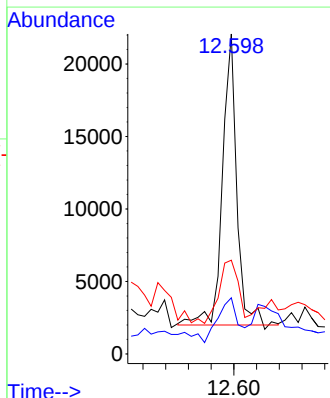
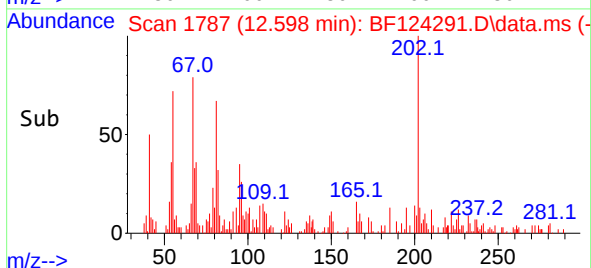
Tgt Ion:178 Resp: 26468
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.4 23.0
 179 24.2 12.6 18.8#



#75
 Fluoranthene
 Concen: 2.345 ng
 RT: 12.598 min Scan# 1787
 Delta R.T. 0.006 min
 Lab File: BF124291.D
 Acq: 12 Jun 2021 17:47



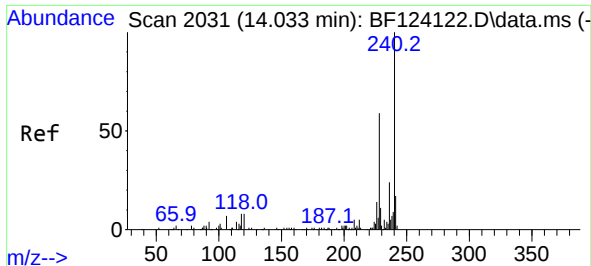
Tgt Ion:202 Resp: 17574
 Ion Ratio Lower Upper
 202 100
 101 17.6 0.0 30.9
 203 29.3 0.0 37.5



Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-05-060921

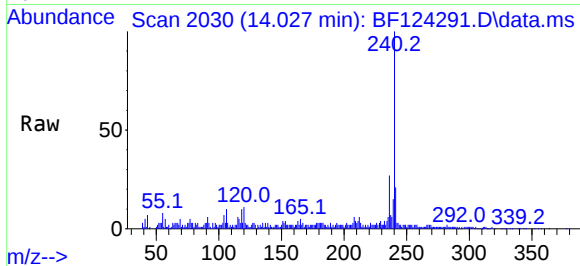
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

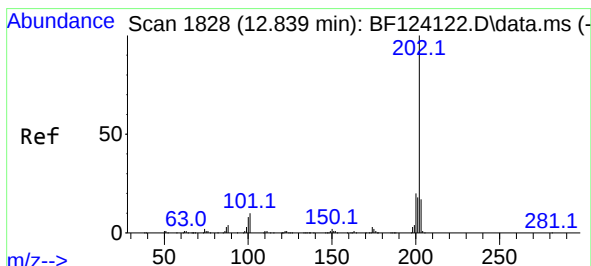
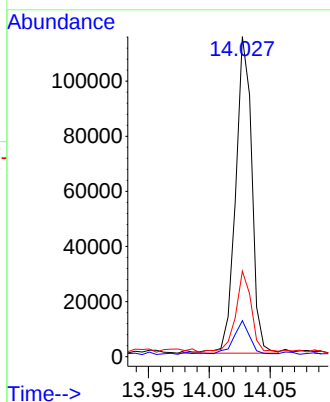
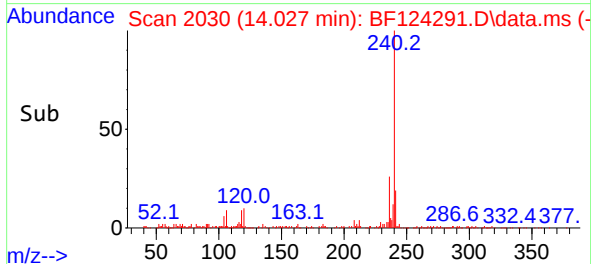
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921



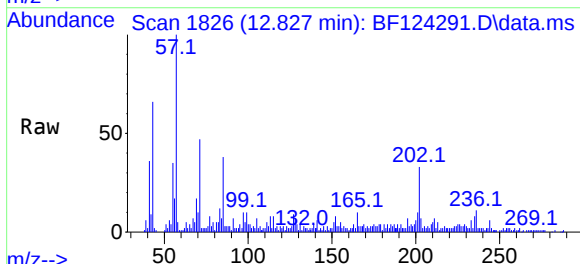
Tgt Ion:240 Resp: 106954
Ion Ratio Lower Upper
240 100
120 11.2 7.2 10.8#
236 26.8 19.0 28.4

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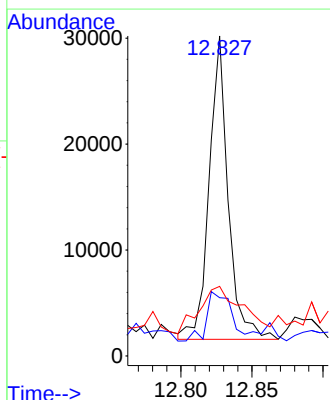
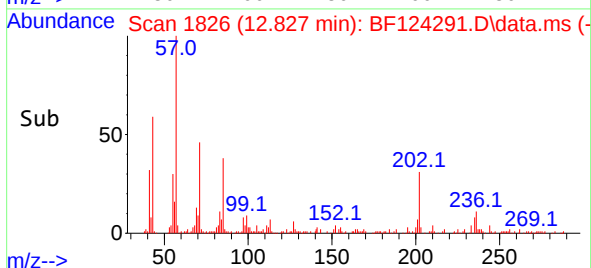
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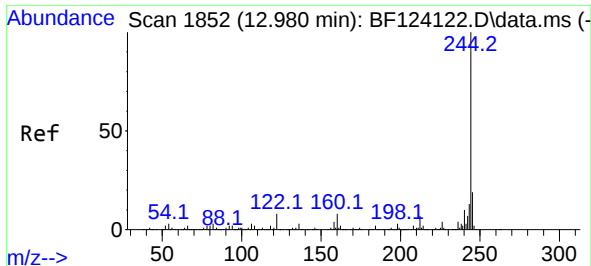


#78
Pyrene
Concen: 2.601 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47



Tgt Ion:202 Resp: 26708
Ion Ratio Lower Upper
202 100
200 18.2 16.1 24.1
203 21.7 14.8 22.2





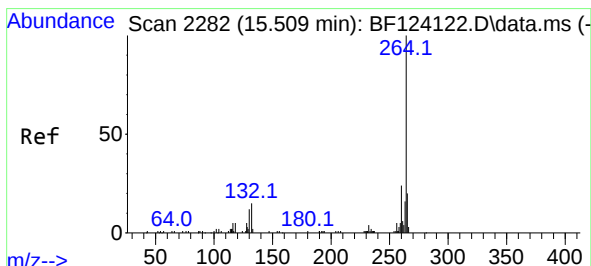
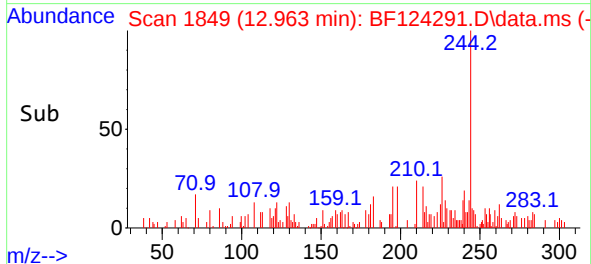
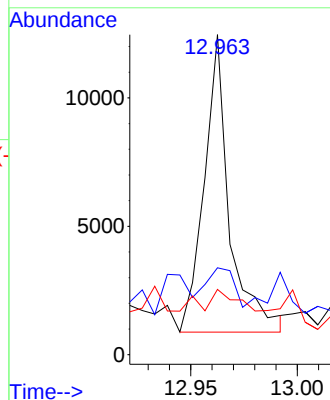
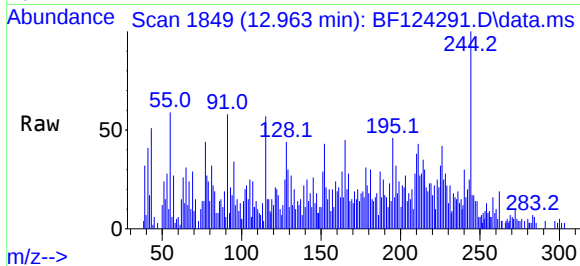
#79
Terphenyl-d14
Concen: 1.232 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:244 Resp: 9594
Ion Ratio Lower Upper
244 100
212 27.1 5.7 8.5#
122 20.4 9.7 14.5#

Instrument :
BNA_F
ClientSampleId :
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.024 min
Lab File: BF124291.D
Acq: 12 Jun 2021 17:47

Tgt Ion:264 Resp: 63987
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.0 17.8 26.8

