

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122391.D
 Acq On : 19 Nov 2020 20:42
 Operator : JU/CG
 Sample : L4779-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1654-1658

Manual Integrations
 APPROVED

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 11/24/2020 8:54:28 AM

Quant Time: Nov 20 00:04:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	294	20.00	ng	# 0.04
21) Naphthalene-d8	8.180	136	38589	20.00	ng	# 0.03
39) Acenaphthene-d10	9.963	164	6009	20.00	ng	# 0.05
64) Phenanthrene-d10	11.474	188	8679	20.00	ng	# 0.08
76) Chrysene-d12	14.127	240	3960	20.00	ng	# 0.09
86) Perylene-d12	15.603	264	582	20.00	ng	# 0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	793684	41452.63	ng	0.02
7) Phenol-d6	6.504	99	687717	27456.04	ng	0.01
23) Nitrobenzene-d5	7.428	82	937421	1487.18	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	221714	3437.78	ng	0.08
45) 2-Fluorobiphenyl	9.239	172	1522048	3957.61	ng	0.00
79) Terphenyl-d14	13.068	244	744680	3983.86	ng	0.09
Target Compounds						
3) Pyridine	3.392	79	3838m	158.93	ng	Qvalue
9) Benzaldehyde	6.416	77	15068	Below	Cal	87
10) Phenol	6.516	94	22733	921.62	ng	86
15) Benzyl Alcohol	7.010	79	37524	2107.09	ng	97
20) 3+4-Methylphenols	7.280	107	10991	538.91	ng	# 90
22) Acetophenone	7.333	105	9002	8.96	ng	# 49
24) Nitrobenzene	7.480	77	4029	5.59	ng	# 40
31) Naphthalene	8.175	128	279573	136.27	ng	# 95
37) 2-Methylnaphthalene	8.869	142	290498	214.33	ng	96
38) 1-Methylnaphthalene	8.969	142	191682	151.08	ng	# 97
46) 1,1'-Biphenyl	9.339	154	104609	218.70	ng	93
49) Acenaphthylene	9.804	152	83653	143.37	ng	# 1
50) Dimethylphthalate	9.721	163	52955	123.98	ng	# 15
70) Pentachlorophenol	11.145	266	58195	916.68	ng	# 48
71) Phenanthrene	11.533	178	279093	566.77	ng	# 2
72) Anthracene	11.533	178	279093	549.93	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.051	149	96363	718.37	ng	# 74

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

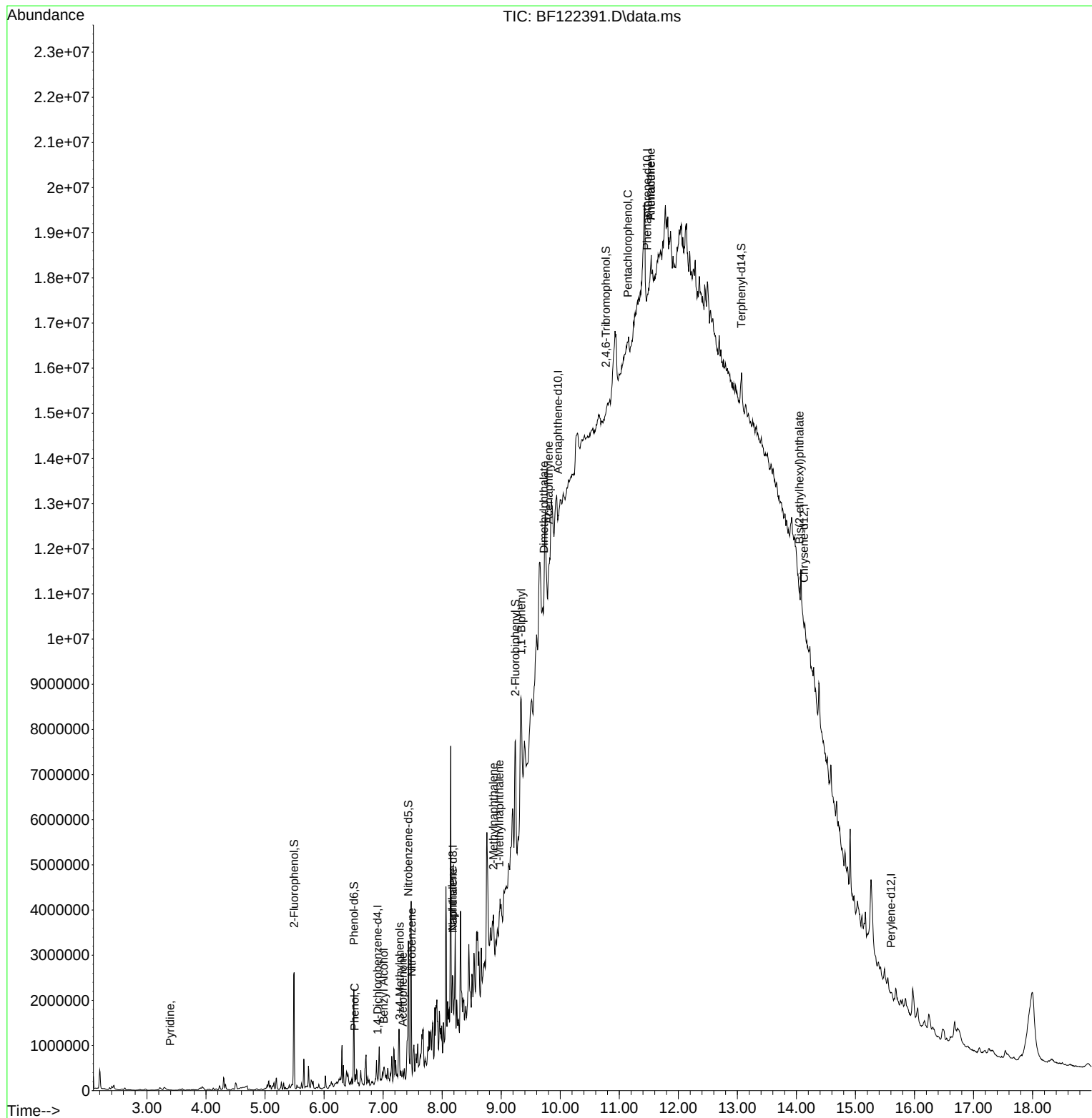
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122391.D
Acq On : 19 Nov 2020 20:42
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ALS Vial : 17 Sample Multiplier: 1

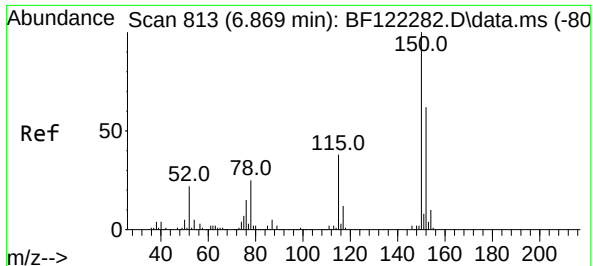
Instrument :
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COMP-1654-1658

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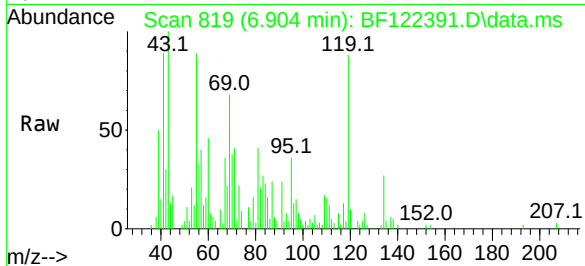
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Quant Time: Nov 20 00:04:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
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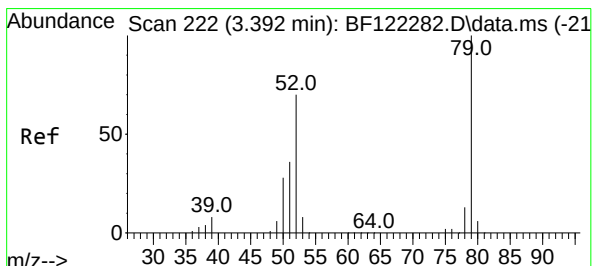
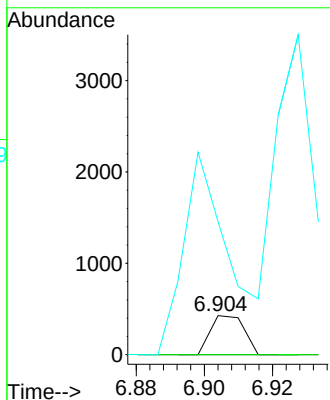
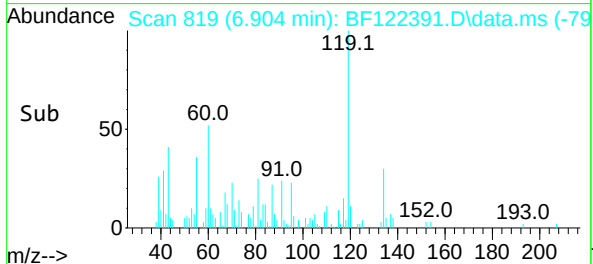




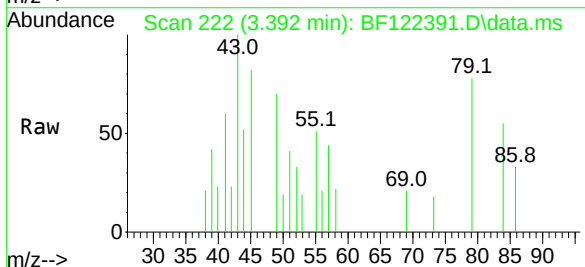
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.035 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42



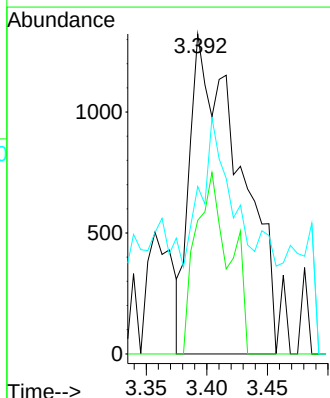
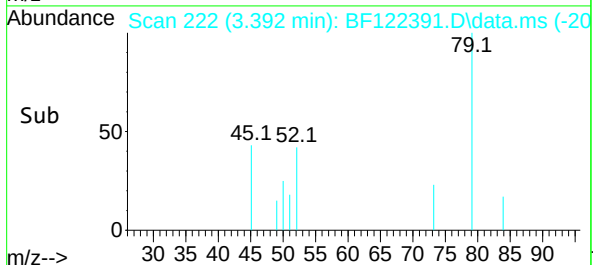
Tgt Ion:152 Resp: 294
Ion Ratio Lower Upper
152 100
150 0.0 125.3 187.9#
115 340.7 51.9 77.9#



#3
Pyridine
Concen: 158.93 ng m
RT: 3.392 min Scan# 222
Delta R.T. 0.000 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42



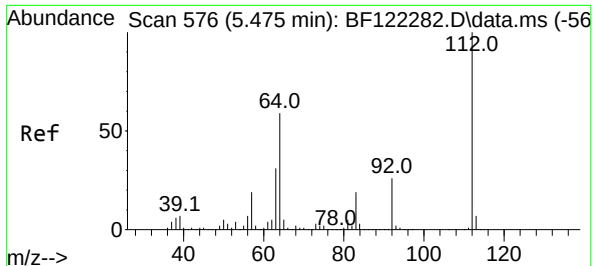
Tgt Ion: 79 Resp: 3838
Ion Ratio Lower Upper
79 100
52 41.7 62.2 93.4#
51 52.3 31.1 46.7#



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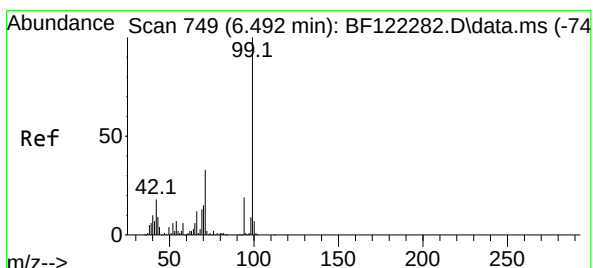
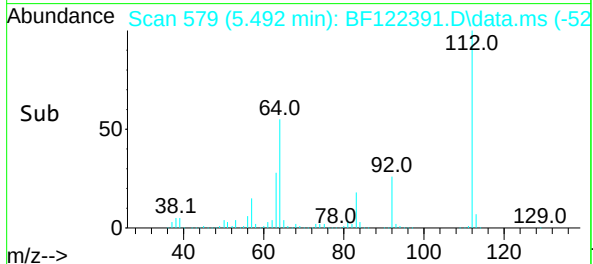
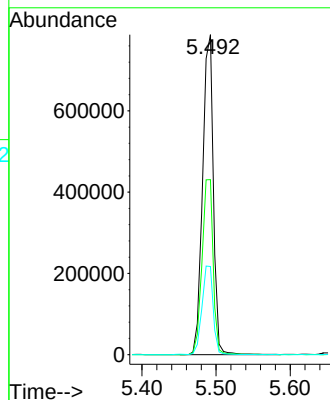
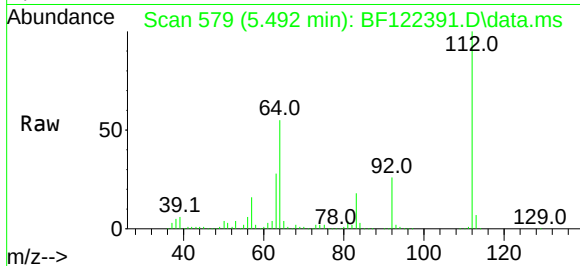
#5
2-Fluorophenol
Concen: 41452.63 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

Tgt Ion: 112 Resp: 793684
Ion Ratio Lower Upper
112 100
64 54.7 50.4 75.6
63 27.6 25.8 38.6

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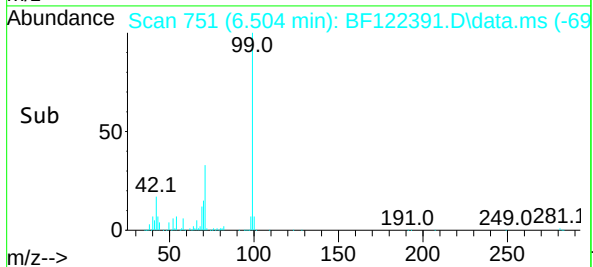
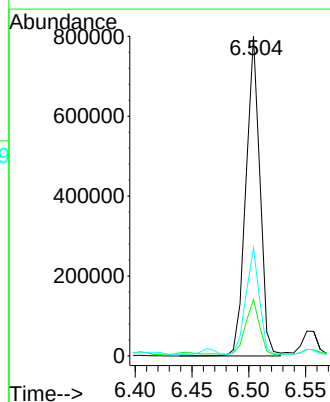
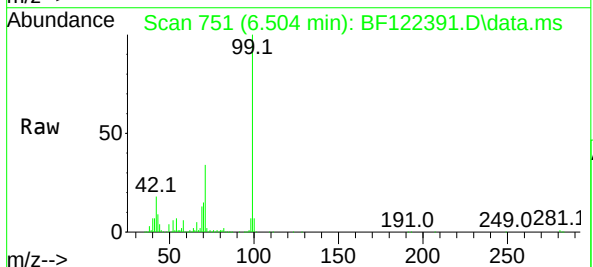
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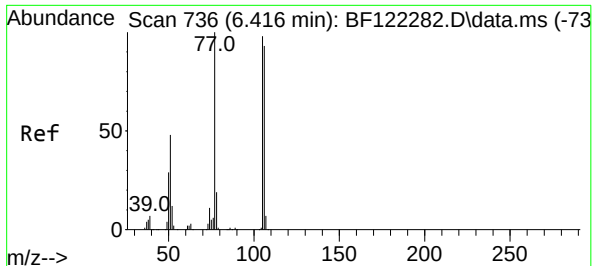
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#7
Phenol-d6
Concen: 27456.04 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

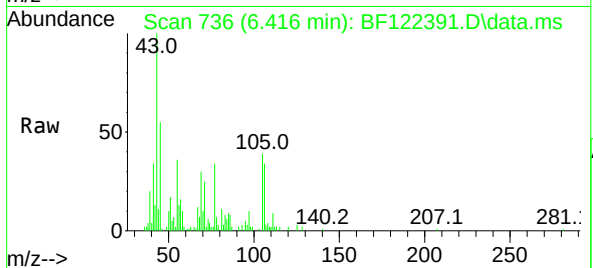
Tgt Ion: 99 Resp: 687717
Ion Ratio Lower Upper
99 100
42 17.7 15.9 23.9
71 33.7 27.1 40.7





#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

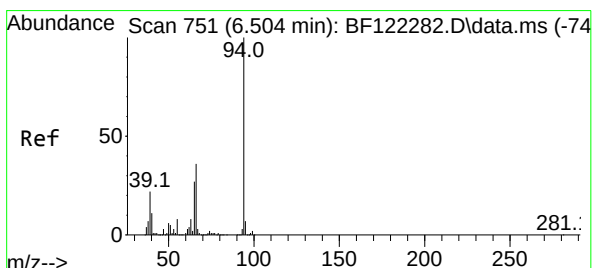
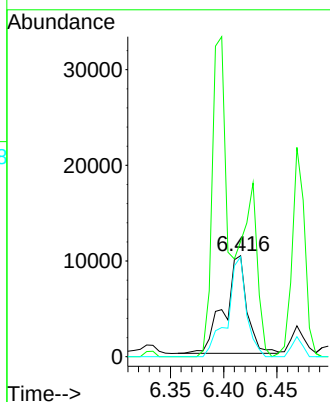
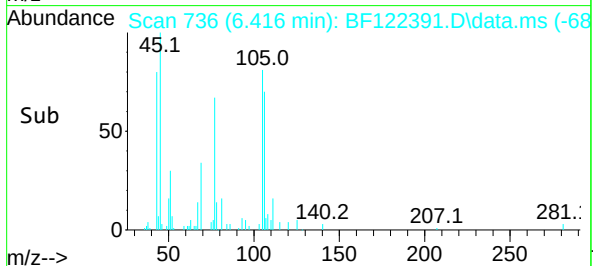
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BNA_F
ClientSampleId :
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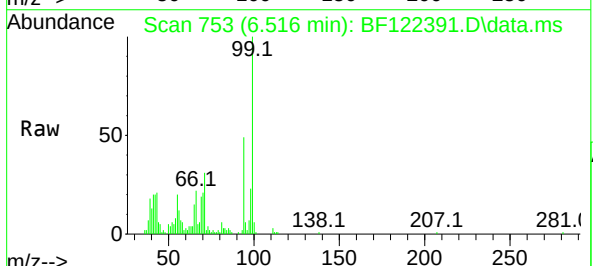
Tgt Ion: 77 Resp: 15068
Ion Ratio Lower Upper
77 100
105 114.1 76.7 116.7
106 98.8 71.3 111.3

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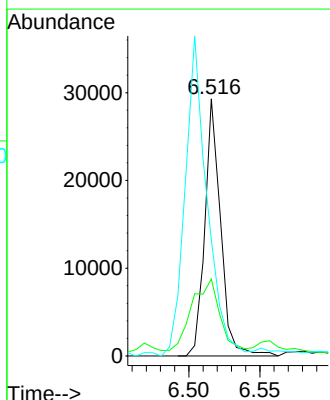
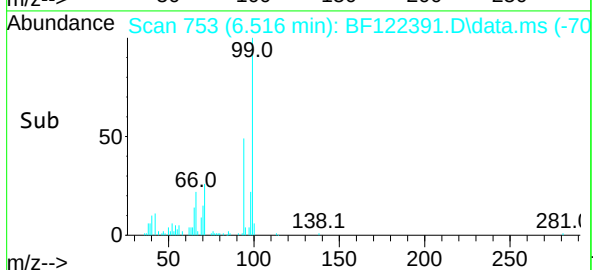
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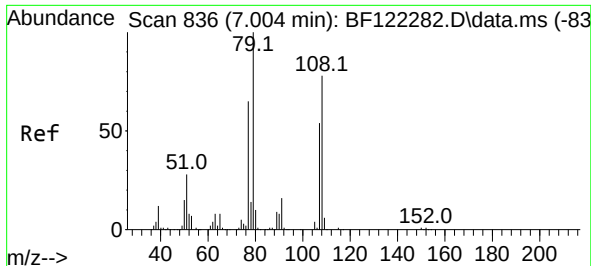


#10
Phenol
Concen: 921.62 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.012 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42



Tgt Ion: 94 Resp: 22733
Ion Ratio Lower Upper
94 100
65 29.9 17.1 57.1
66 45.1 36.0 76.0





#15

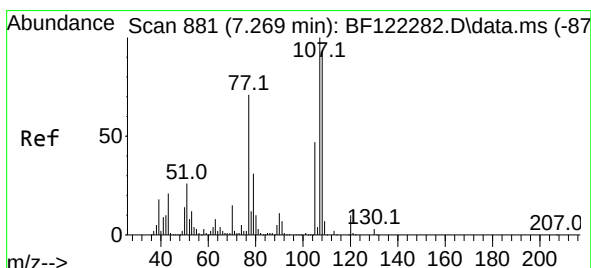
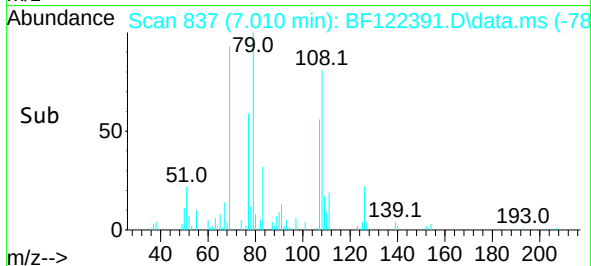
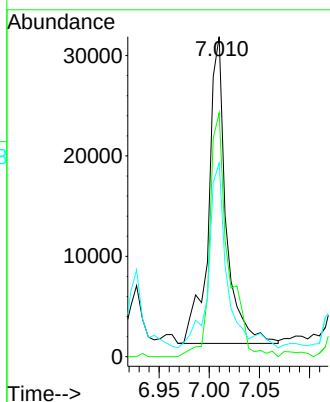
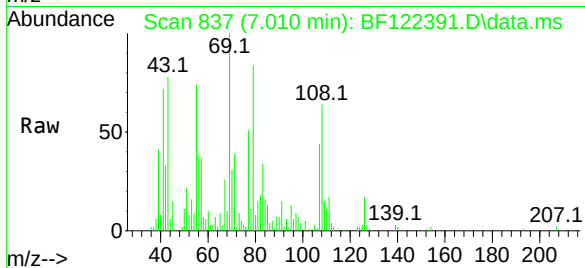
Benzyl Alcohol
Concen: 2107.09 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

Tgt Ion:	79	Resp:	37524
Ion	Ratio	Lower	Upper
79	100		
108	76.2	62.3	93.5
77	60.5	50.6	75.8

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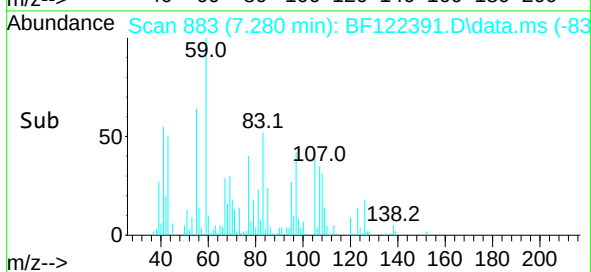
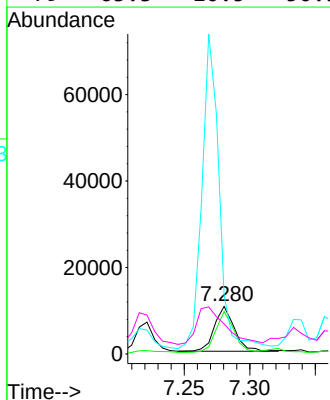
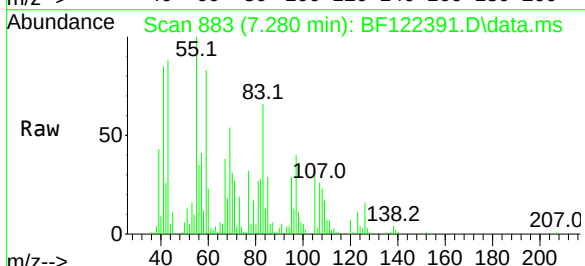
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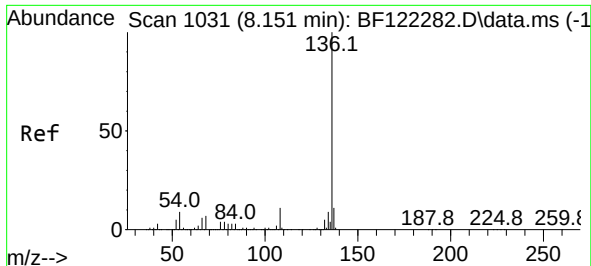


#20

3+4-Methylphenols
Concen: 538.91 ng
RT: 7.280 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

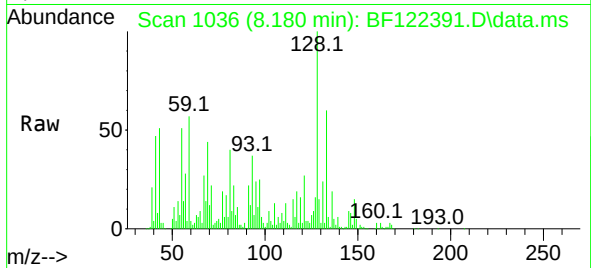
Tgt Ion:	107	Resp:	10991
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.9	108.9
77	122.8	108.0	148.0
79	63.3	10.5	50.5





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.029 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

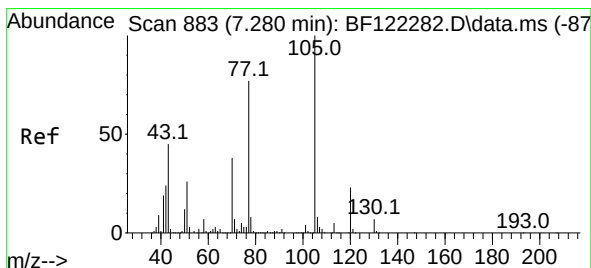
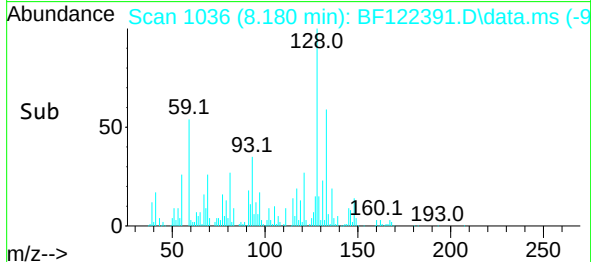
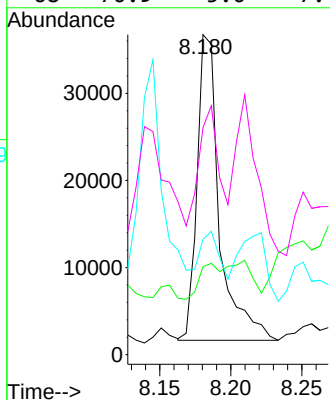
Instrument :
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Tgt Ion:136 Resp: 38589
Ion Ratio Lower Upper
136 100
137 27.5 8.6 13.0#
54 36.0 7.1 10.7#
68 70.9 5.0 7.4#

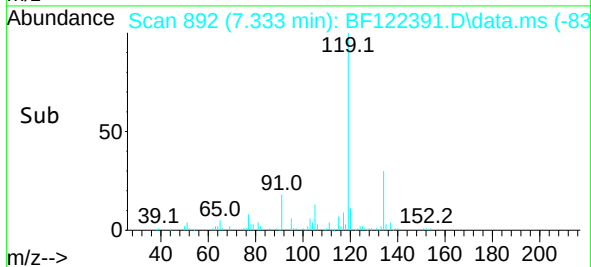
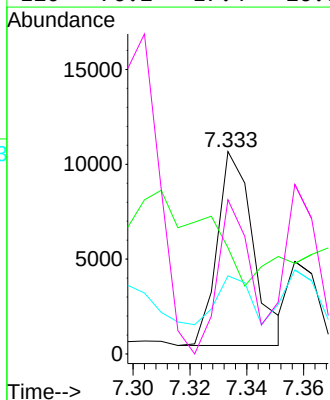
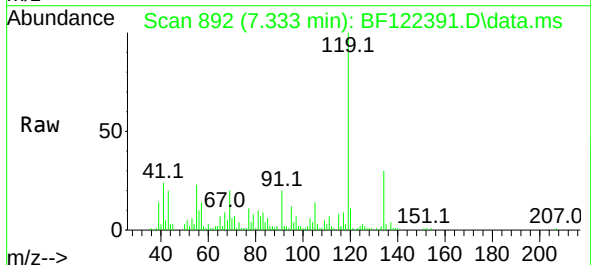
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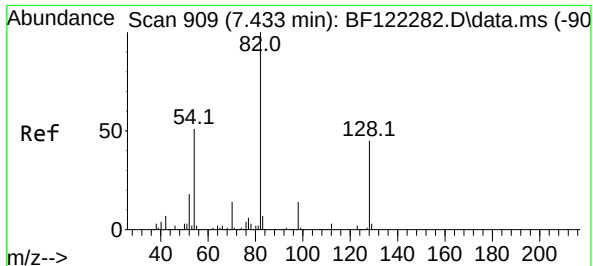
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#22
Acetophenone
Concen: 8.96 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.053 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

Tgt Ion:105 Resp: 9002
Ion Ratio Lower Upper
105 100
71 52.5 5.3 7.9#
51 38.6 33.2 49.8
120 76.2 17.4 26.0#





#23

Nitrobenzene-d5

Concen: 1487.18 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF122391.D

Acq: 19 Nov 2020 20:42

Tgt Ion: 82 Resp: 937421

Ion Ratio Lower Upper

82 100

128 43.7 35.0 52.4

54 47.3 43.9 65.9

Instrument :

BNA_F

ClientSampleId :

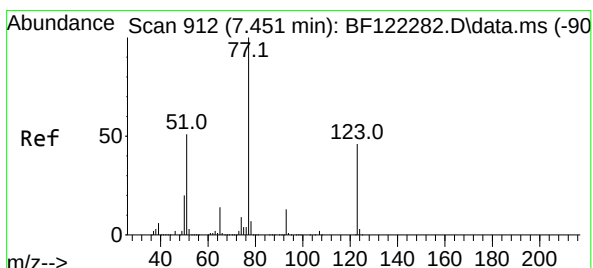
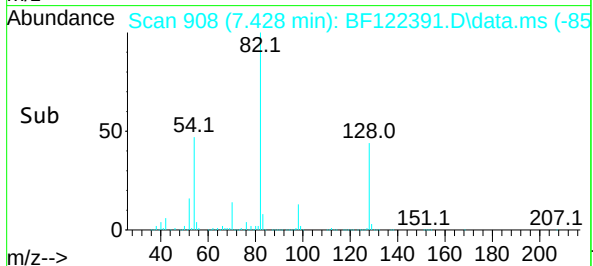
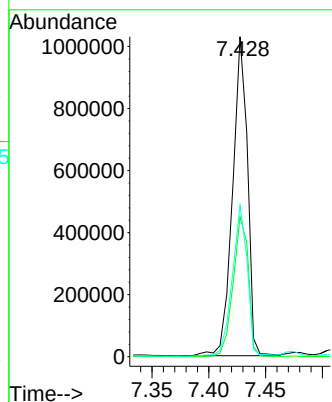
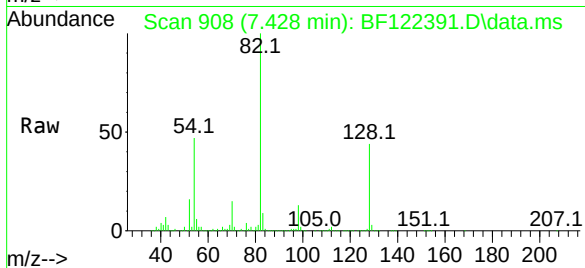
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#24

Nitrobenzene

Concen: 5.59 ng

RT: 7.480 min Scan# 917

Delta R.T. 0.030 min

Lab File: BF122391.D

Acq: 19 Nov 2020 20:42

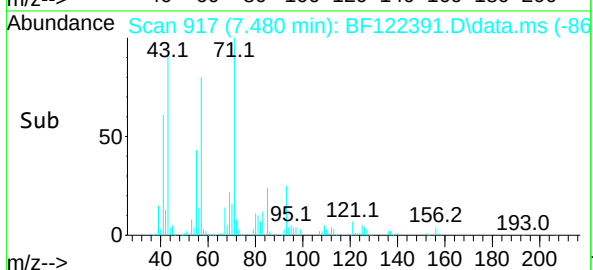
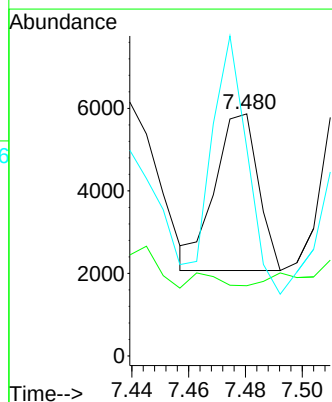
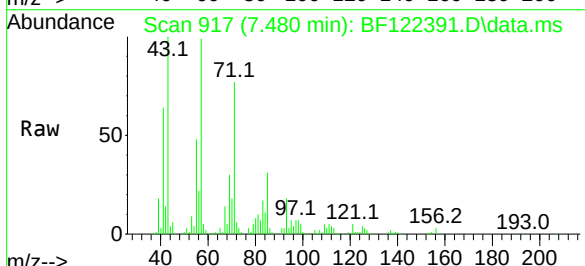
Tgt Ion: 77 Resp: 4029

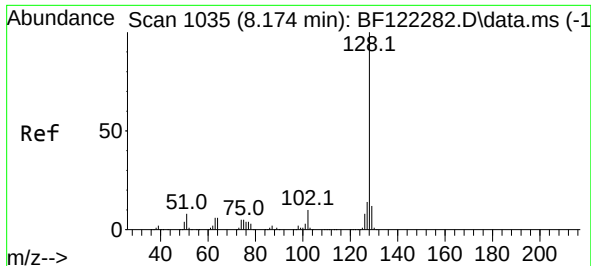
Ion Ratio Lower Upper

77 100

123 29.0 35.6 53.4#

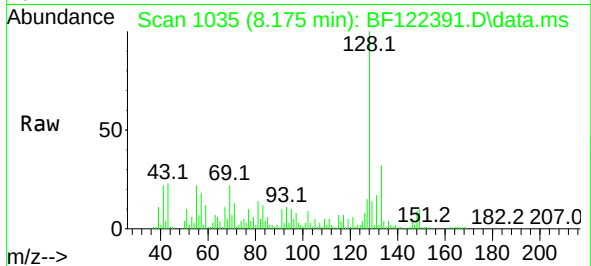
65 86.0 11.2 16.8#





#31
Naphthalene
Concen: 136.27 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

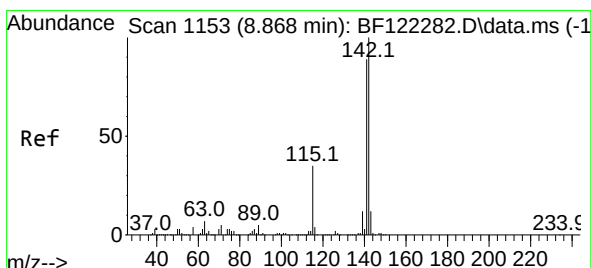
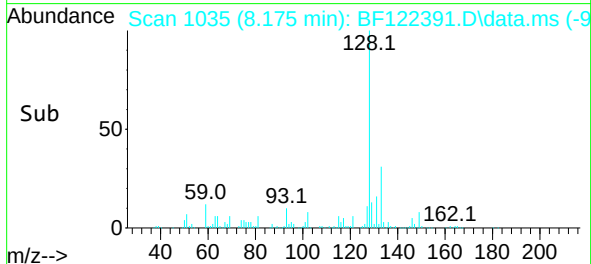
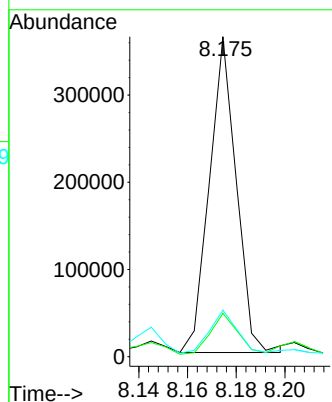
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:128 Resp: 279573
Ion Ratio Lower Upper
128 100
129 13.6 8.7 13.1#
127 14.6 10.8 16.2

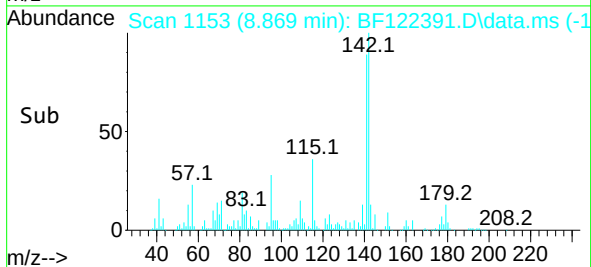
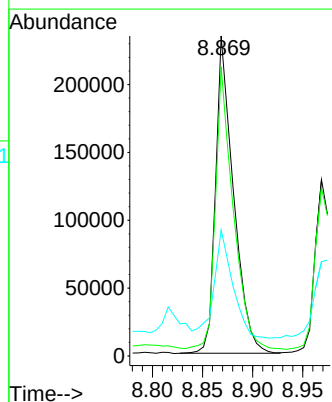
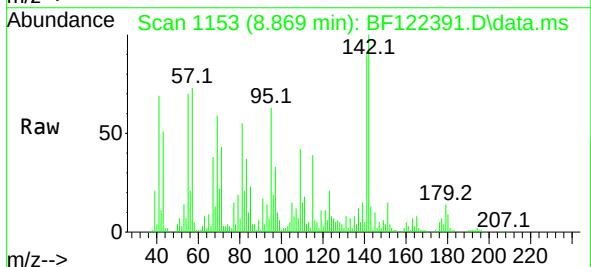
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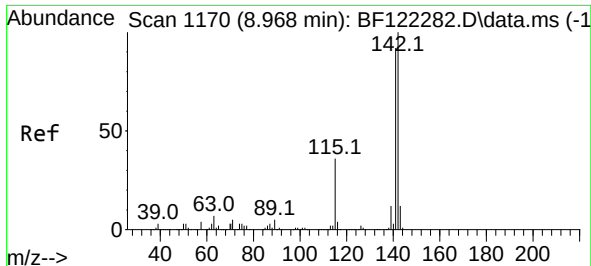
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#37
2-Methylnaphthalene
Concen: 214.33 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.001 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

Tgt Ion:142 Resp: 290498
Ion Ratio Lower Upper
142 100
141 90.4 70.2 105.4
115 39.4 28.6 43.0





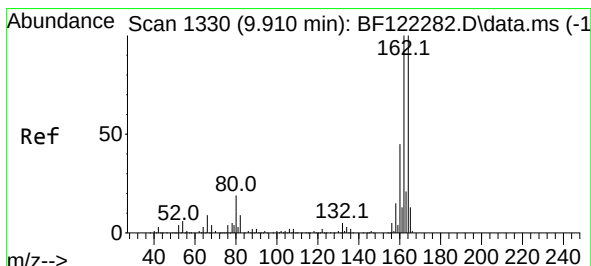
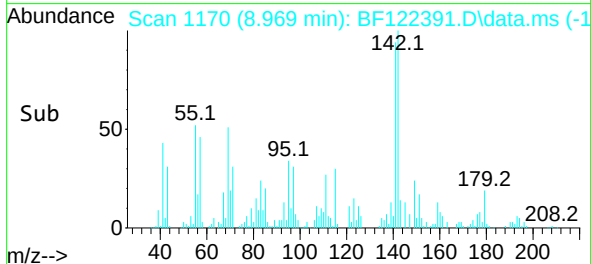
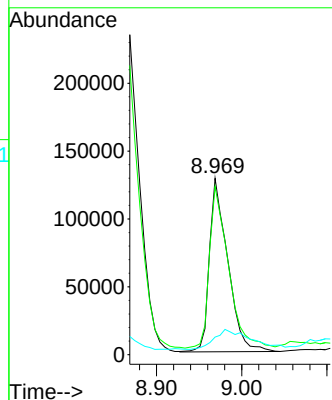
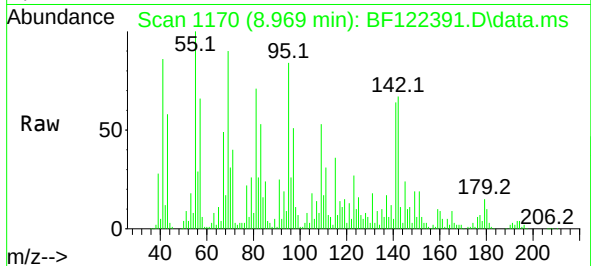
#38
1-Methylnaphthalene
Concen: 151.08 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

Tgt Ion:142 Resp: 191682
Ion Ratio Lower Upper
142 100
141 95.4 74.5 111.7
116 9.9 3.2 4.8#

Instrument :
BNA_F
ClientSampleId :
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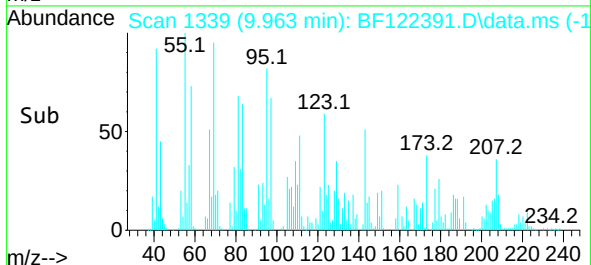
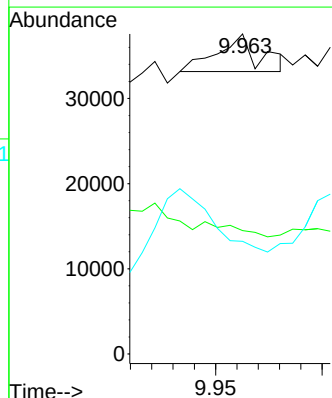
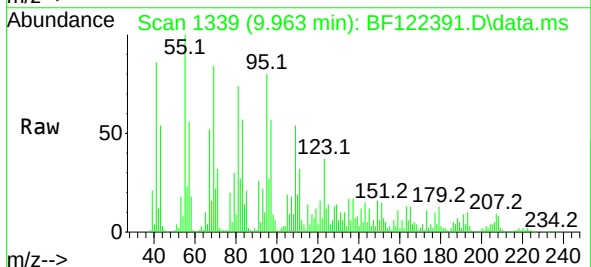
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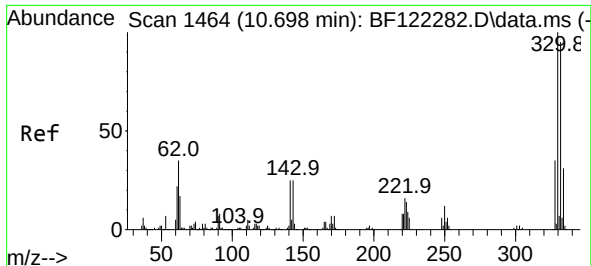
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.053 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

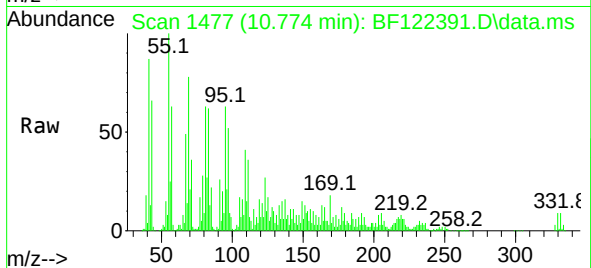
Tgt Ion:164 Resp: 6009
Ion Ratio Lower Upper
164 100
162 38.5 83.2 124.8#
160 35.2 37.5 56.3#





#42
 2,4,6-Tribromophenol
 Concen: 3437.78 ng
 RT: 10.774 min Scan# 1477
 Delta R.T. 0.077 min
 Lab File: BF122391.D
 Acq: 19 Nov 2020 20:42

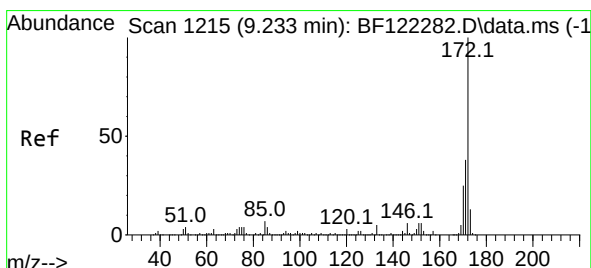
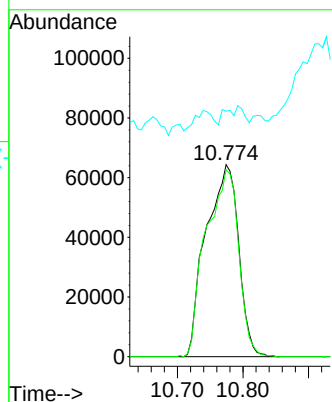
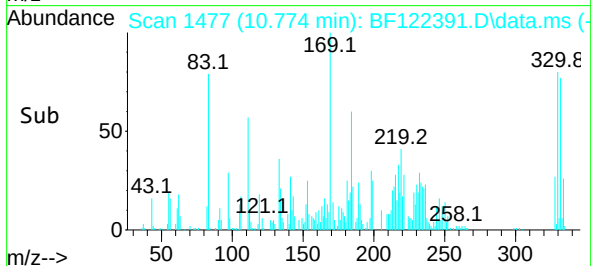
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1654-1658



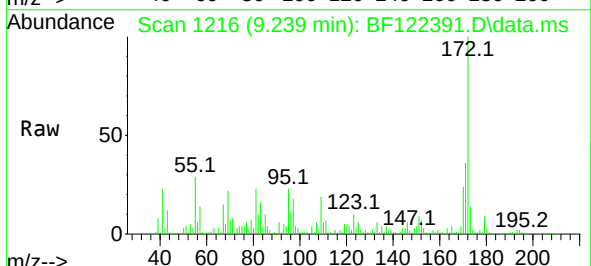
Tgt Ion: 330 Resp: 221714
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 2.8 22.3 33.5#

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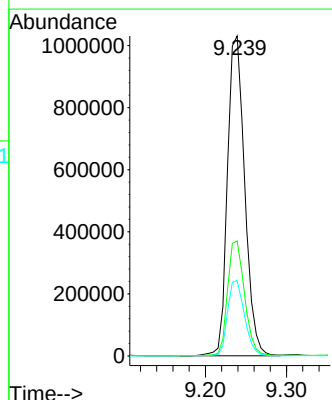
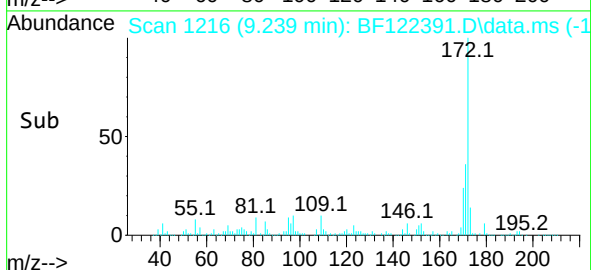
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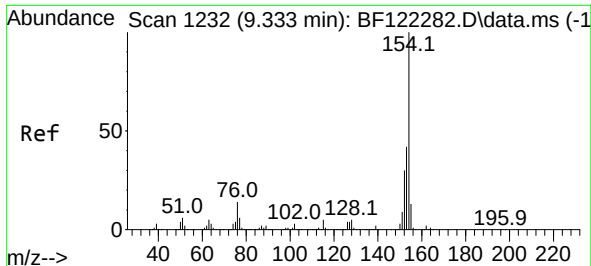


#45
 2-Fluorobiphenyl
 Concen: 3957.61 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: BF122391.D
 Acq: 19 Nov 2020 20:42



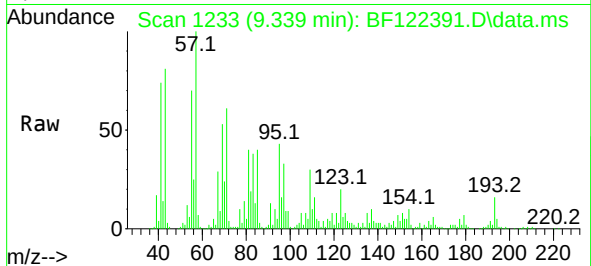
Tgt Ion: 172 Resp: 1522048
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.1 43.7
 170 23.6 19.8 29.6





#46
1,1'-Biphenyl
Concen: 218.70 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

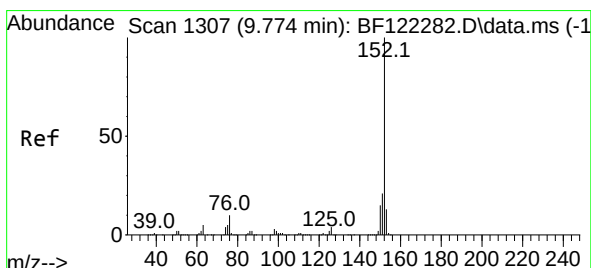
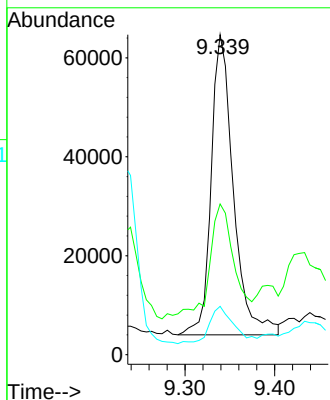
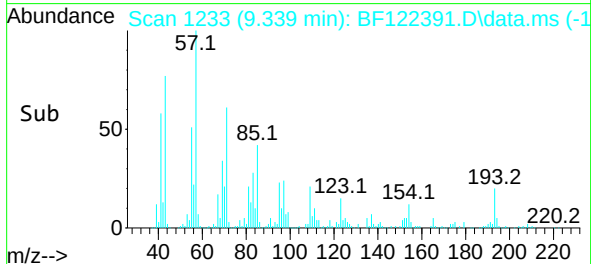
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ClientSampleId :
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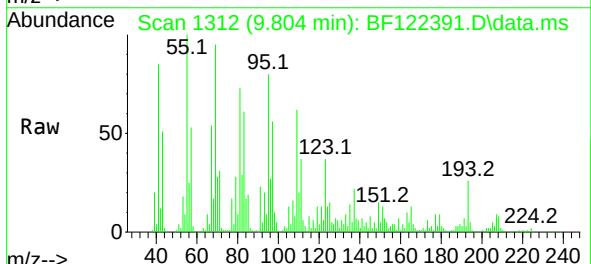
Tgt Ion:154 Resp: 104609
Ion Ratio Lower Upper
154 100
153 47.1 21.3 61.3
76 15.1 0.0 34.7

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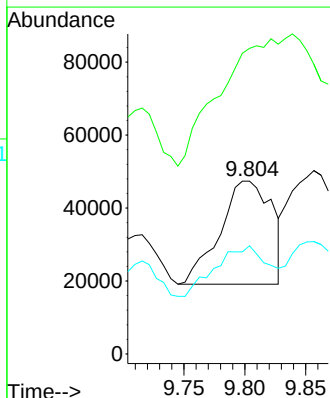
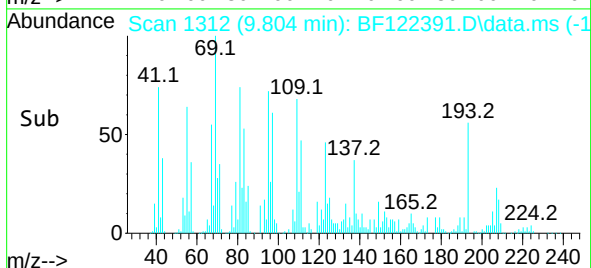
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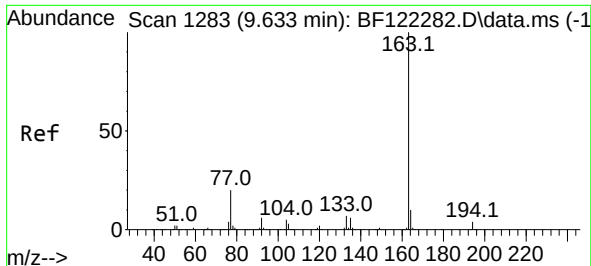


#49
Acenaphthylene
Concen: 143.37 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.030 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

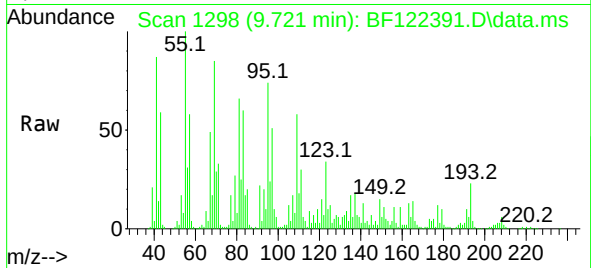


Tgt Ion:152 Resp: 83653
Ion Ratio Lower Upper
152 100
151 176.8 16.4 24.6#
153 62.6 10.6 15.8#

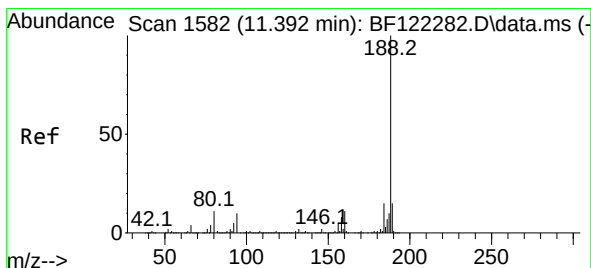
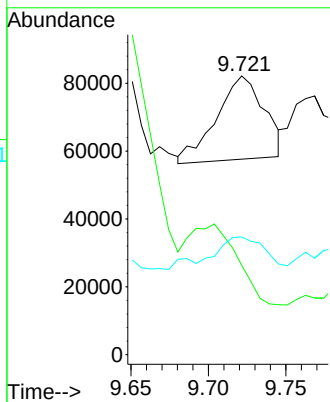
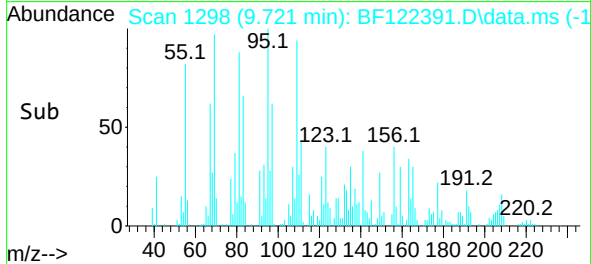




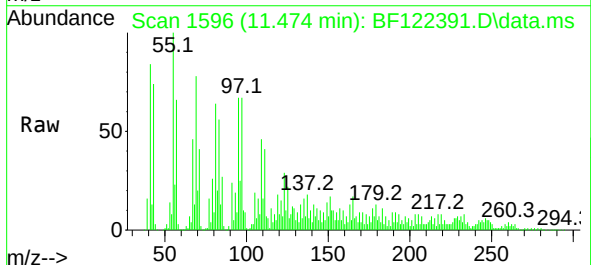
#50
Dimethylphthalate
Concen: 123.98 ng
RT: 9.721 min Scan# 1298
Delta R.T. 0.088 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42



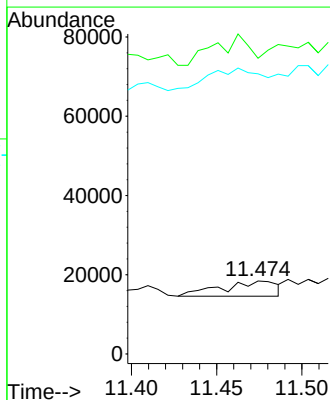
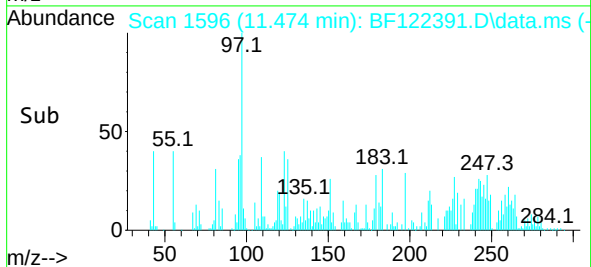
Tgt Ion:163 Resp: 52955
Ion Ratio Lower Upper
163 100
194 32.0 3.3 4.9#
164 42.3 8.2 12.4#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.082 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42



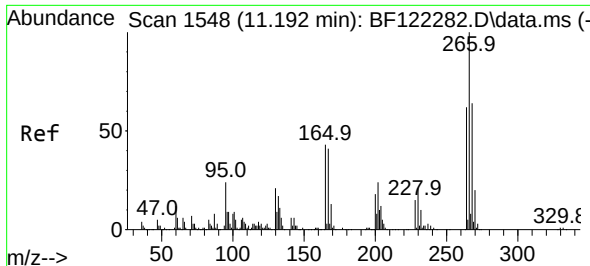
Tgt Ion:188 Resp: 8679
Ion Ratio Lower Upper
188 100
94 404.7 8.3 12.5#
80 383.4 9.1 13.7#



Instrument :
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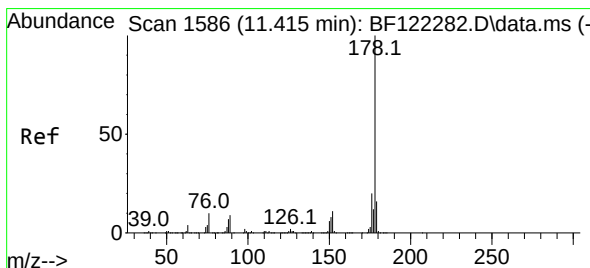
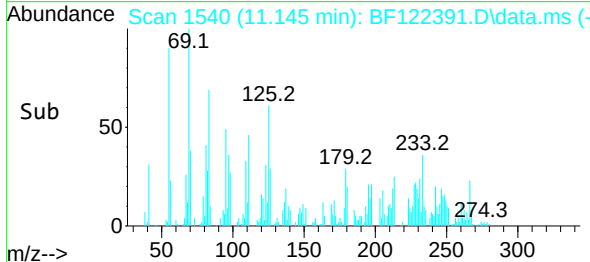
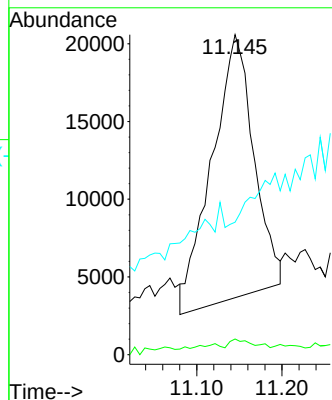
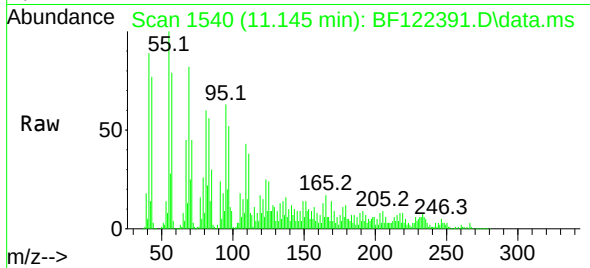
#70
Pentachlorophenol
Concen: 916.68 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.047 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

Tgt Ion:266 Resp: 58195
Ion Ratio Lower Upper
266 100
268 4.9 52.4 78.6#
264 41.4 49.9 74.9#

Instrument :
BNA_F
ClientSampleId :
COMP-1654-1658

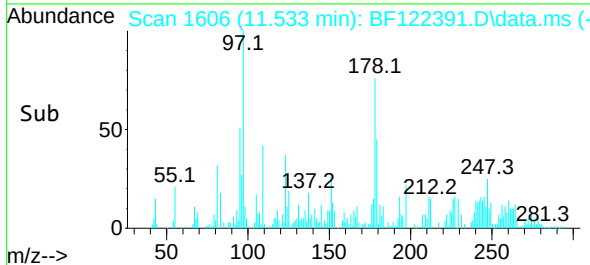
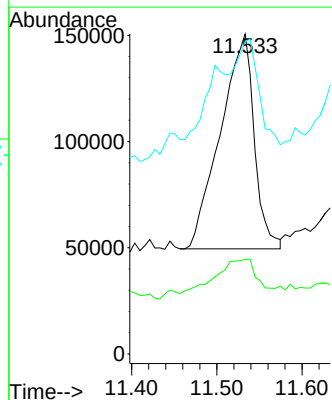
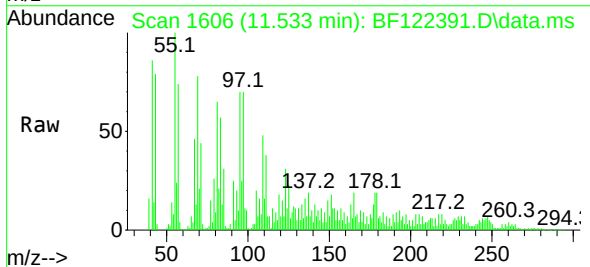
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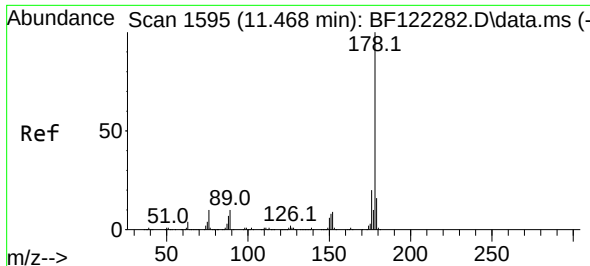
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#71
Phenanthrene
Concen: 566.77 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.118 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

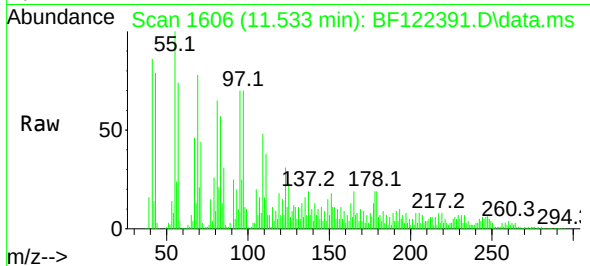
Tgt Ion:178 Resp: 279093
Ion Ratio Lower Upper
178 100
176 29.6 15.9 23.9#
179 97.7 12.2 18.4#





#72
 Anthracene
 Concen: 549.93 ng
 RT: 11.533 min Scan# 1606
 Delta R.T. 0.065 min
 Lab File: BF122391.D
 Acq: 19 Nov 2020 20:42

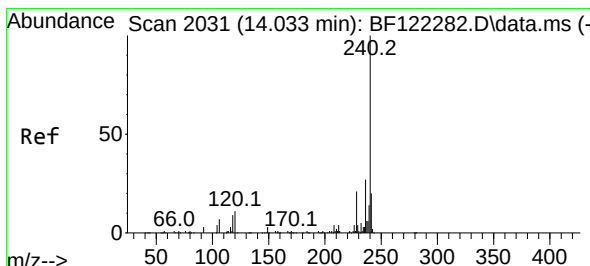
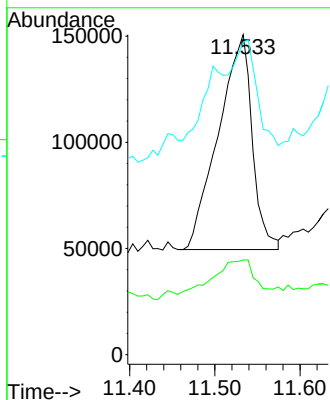
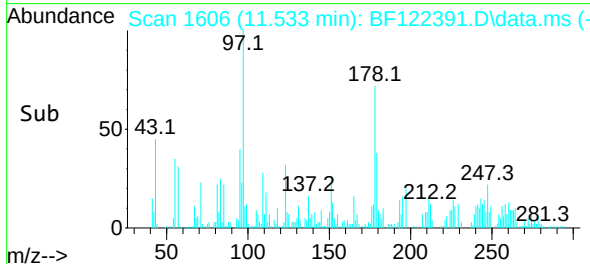
Instrument :
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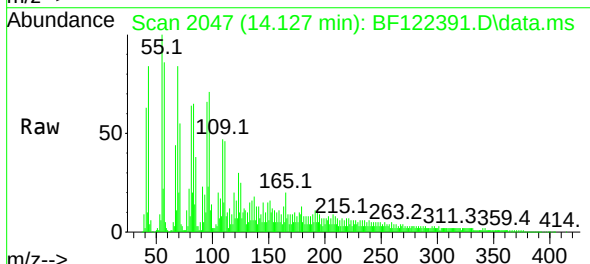
Tgt Ion:178 Resp: 279093
 Ion Ratio Lower Upper
 178 100
 176 29.6 15.7 23.5#
 179 97.7 12.7 19.1#

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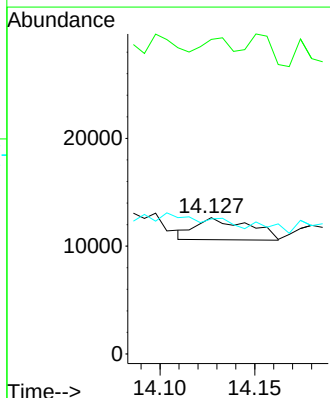
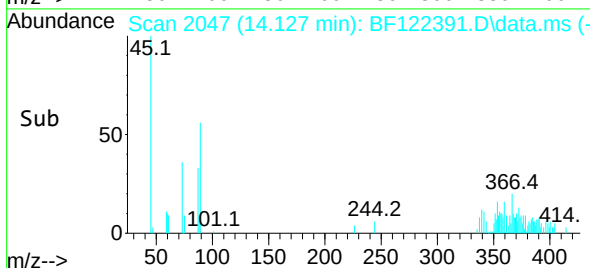
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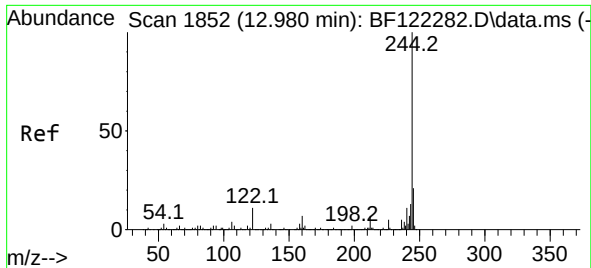


#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.127 min Scan# 2047
 Delta R.T. 0.094 min
 Lab File: BF122391.D
 Acq: 19 Nov 2020 20:42



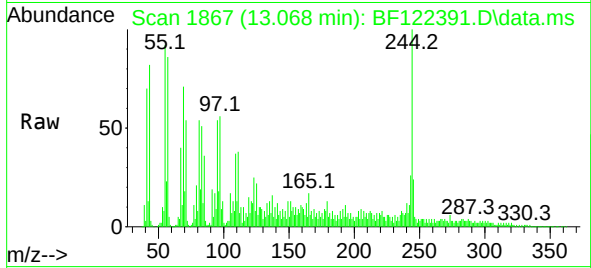
Tgt Ion:240 Resp: 3960
 Ion Ratio Lower Upper
 240 100
 120 230.6 9.2 13.8#
 236 99.0 20.9 31.3#





#79
Terphenyl-d14
Concen: 3983.86 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.088 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

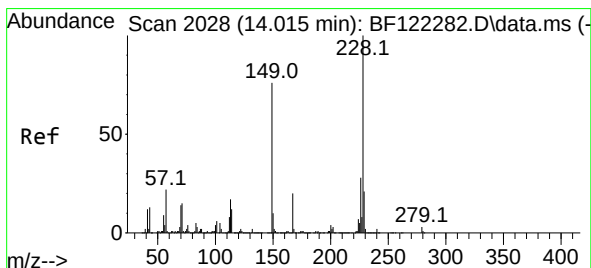
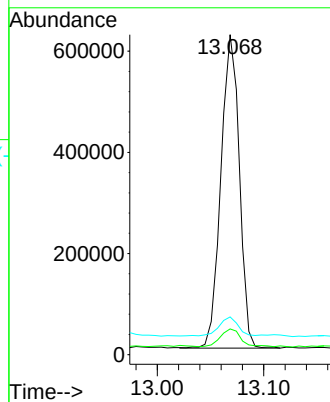
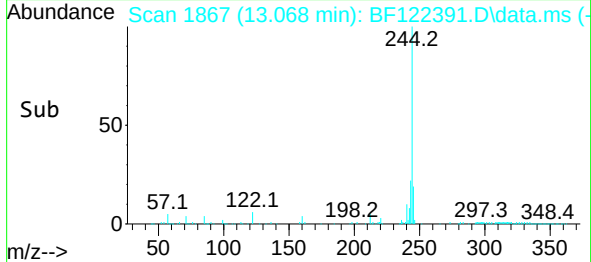
Instrument :
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ClientSampleId :
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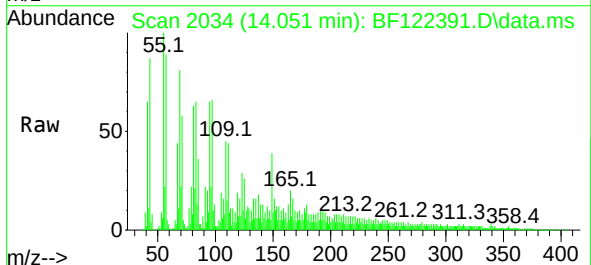
Tgt Ion:244 Resp: 744680
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.2
122 11.8 8.1 12.1

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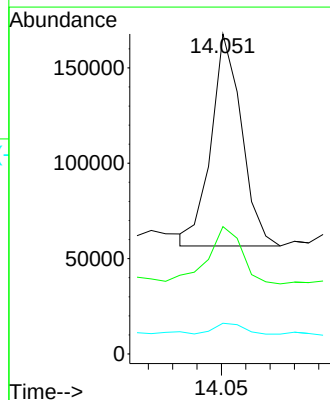
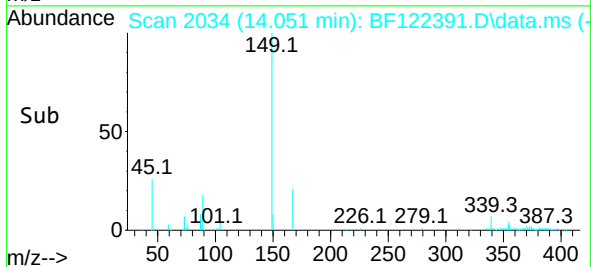
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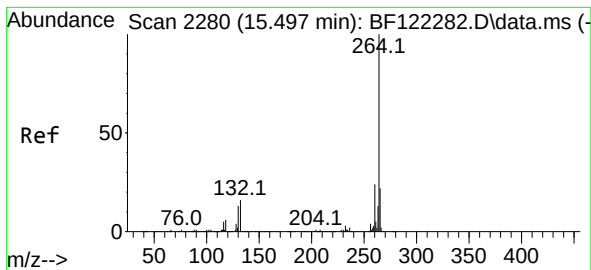


#84
Bis(2-ethylhexyl)phthalate
Concen: 718.37 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.035 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42

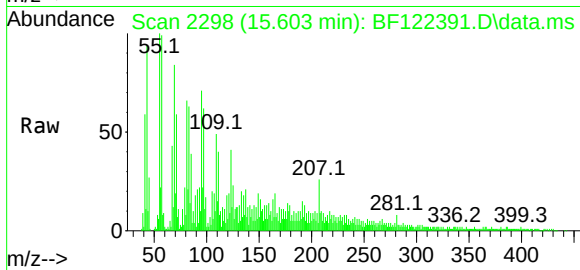


Tgt Ion:149 Resp: 96363
Ion Ratio Lower Upper
149 100
167 39.8 20.9 31.3#
279 9.6 3.2 4.8#

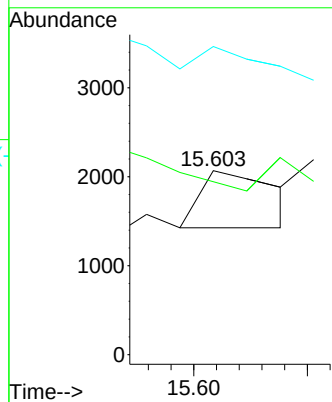
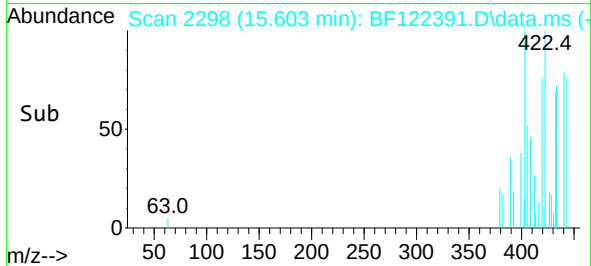




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.603 min Scan# 2298
Delta R.T. 0.106 min
Lab File: BF122391.D
Acq: 19 Nov 2020 20:42



Tgt Ion:264 Resp: 582
Ion Ratio Lower Upper
264 100
260 94.0 18.7 28.1#
265 167.4 17.3 25.9#



Instrument :
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ClientSampleId :
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