

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122755.D
 Acq On : 16 Dec 2020 17:48
 Operator : JU/CG
 Sample : L5066-04DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-BOLLARDS-0-6DL

Manual Integrations
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Quant Time: Dec 17 01:13:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	178223	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	483866	20.00	ng	# 0.00
39) Acenaphthene-d10	9.881	164	250601	20.00	ng	0.02
64) Phenanthrene-d10	11.351	188	540663	20.00	ng	0.00
76) Chrysene-d12	13.986	240	386030	20.00	ng	0.00
86) Perylene-d12	15.451	264	405642	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	463759	41.20	ng	0.00
7) Phenol-d6	6.445	99	575633	38.56	ng	-0.01
23) Nitrobenzene-d5	7.381	82	423087	43.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	119321	36.38	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	471539	25.45	ng	0.01
79) Terphenyl-d14	12.933	244	491075	22.27	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.457	94	37303	2.41	ng	93
31) Naphthalene	8.139	128	392164	14.69	ng	# 84
37) 2-Methylnaphthalene	8.839	142	764872	43.30	ng	98
38) 1-Methylnaphthalene	8.939	142	635776m	38.05	ng	
50) Dimethylphthalate	9.586	163	72365	3.62	ng	# 53
55) Dibenzofuran	10.081	168	55835	2.41	ng	# 1
58) Fluorene	10.422	166	96207	5.22	ng	# 84
71) Phenanthrene	11.375	178	153530	4.78	ng	# 94

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

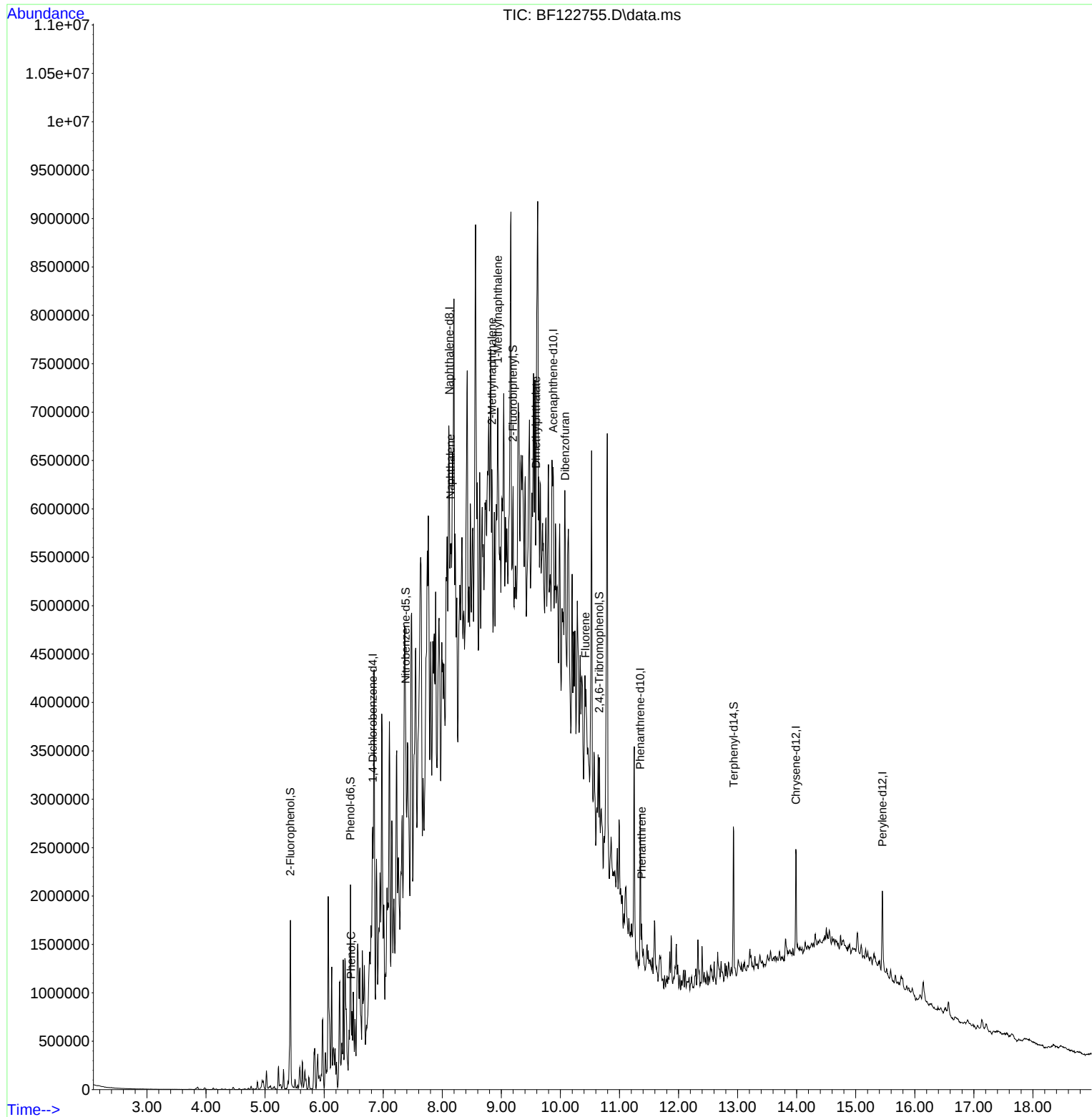
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Data File : BF122755.D
Acq On : 16 Dec 2020 17:48
Operator : JU/CG
Sample : L5066-04DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

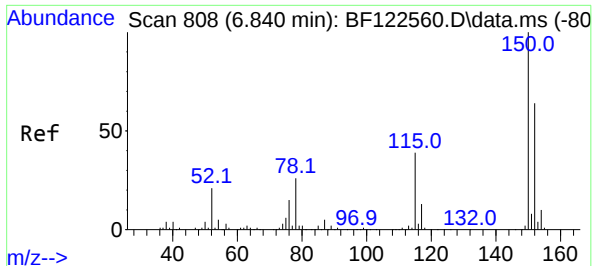
Instrument :
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JBD-BOLLARDS-0-6DL

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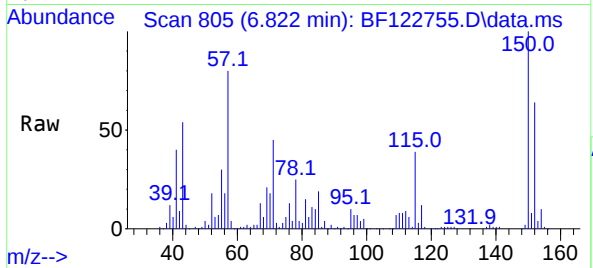
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Quant Time: Dec 17 01:13:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

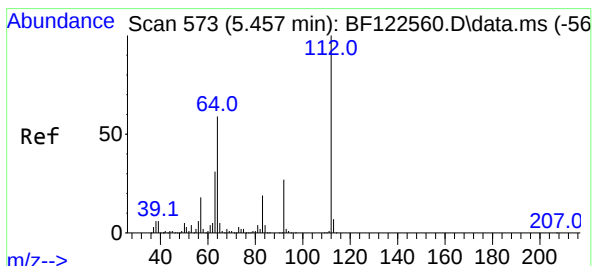
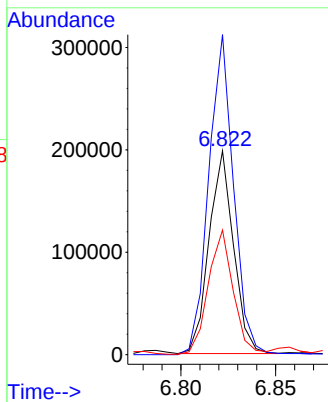
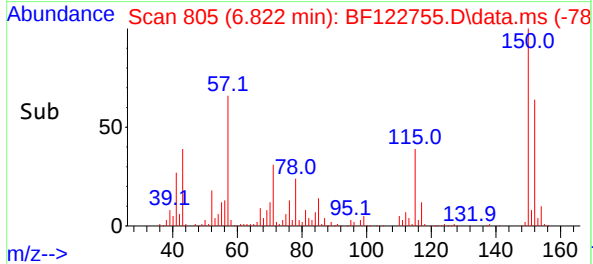




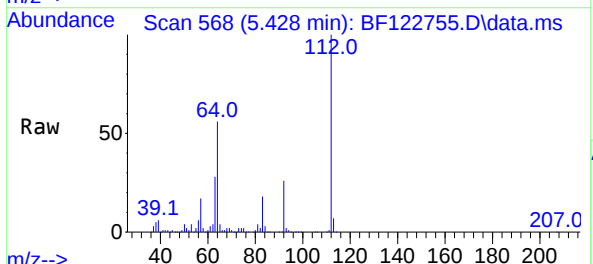
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48



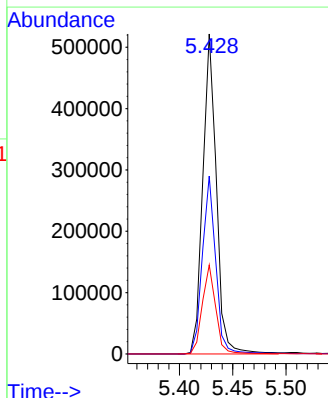
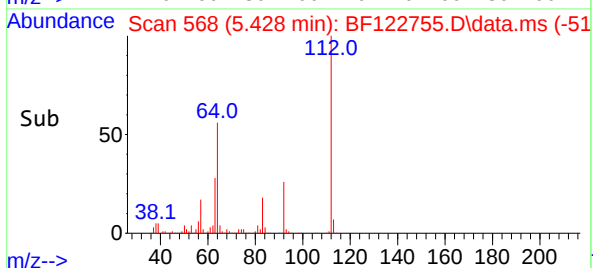
Tgt Ion:152 Resp: 178223
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 61.2 49.3 73.9



#5
2-Fluorophenol
Concen: 41.20 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48



Tgt Ion:112 Resp: 463759
Ion Ratio Lower Upper
112 100
64 55.6 46.9 70.3
63 27.8 24.5 36.7



Instrument :
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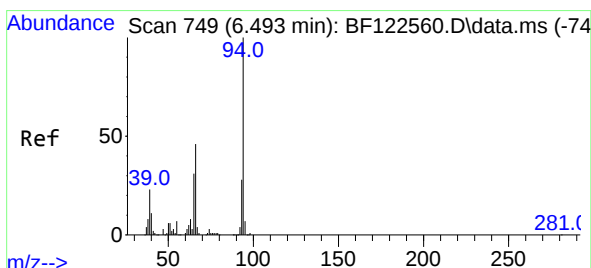
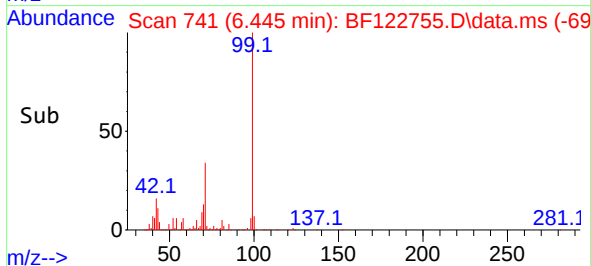
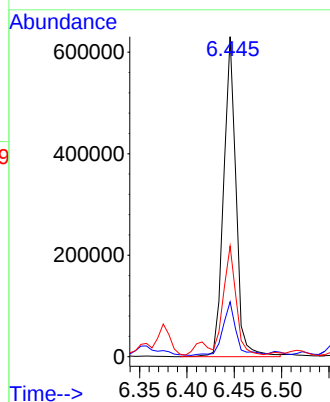
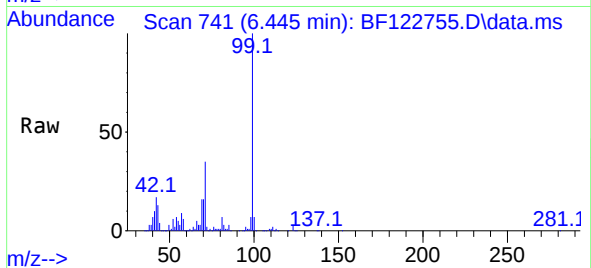
#7
Phenol-d6
Concen: 38.56 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

Tgt Ion: 99 Resp: 575633
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.6
71 34.6 26.9 40.3

Instrument :
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ClientSampleId :
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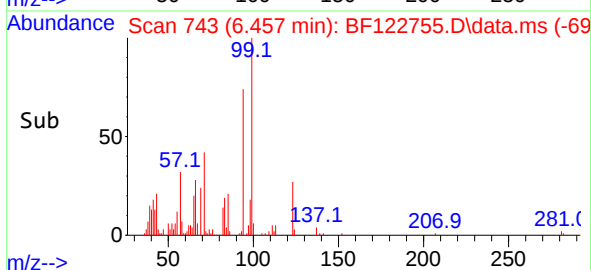
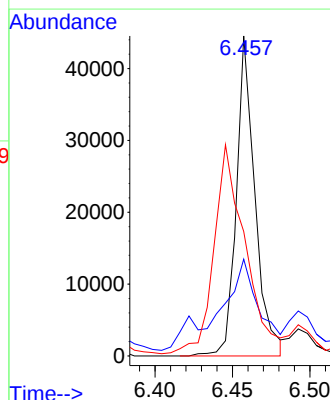
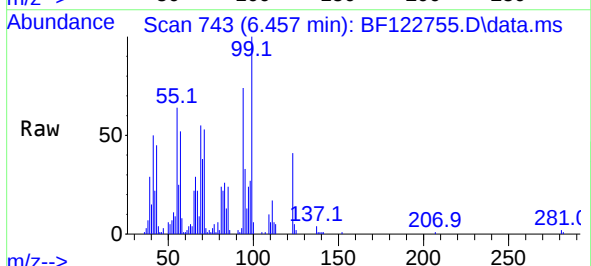
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#10
Phenol
Concen: 2.41 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

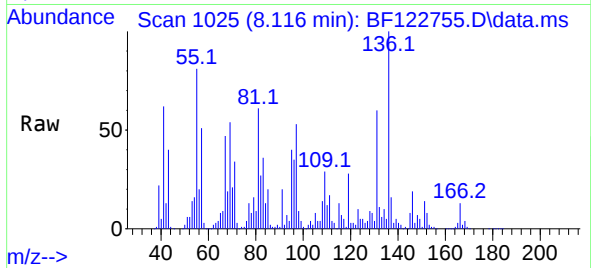
Tgt Ion: 94 Resp: 37303
Ion Ratio Lower Upper
94 100
65 30.3 11.2 51.2
66 38.9 25.8 65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

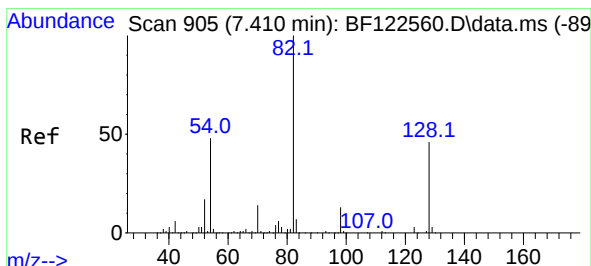
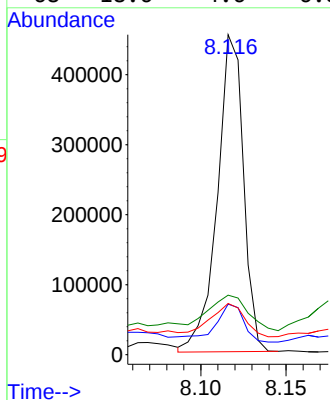
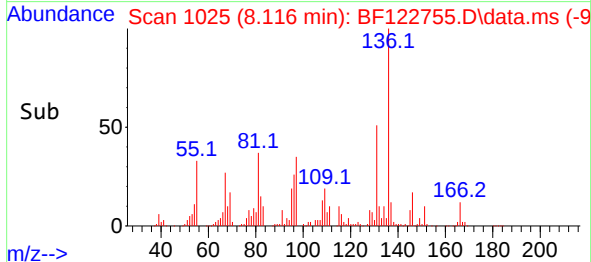
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JBD-BOLLARDS-0-6DL



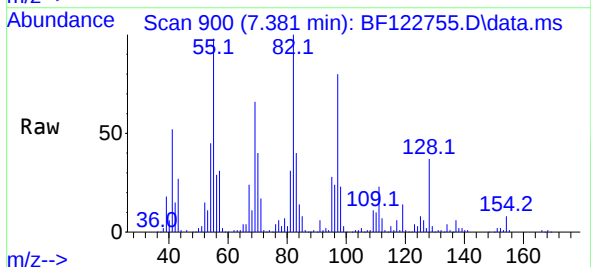
Tgt Ion:136 Resp: 483866
Ion Ratio Lower Upper
136 100
137 15.8 8.8 13.2#
54 16.0 5.5 8.3#
68 18.6 4.6 6.8#

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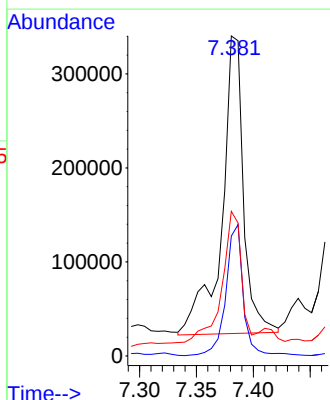
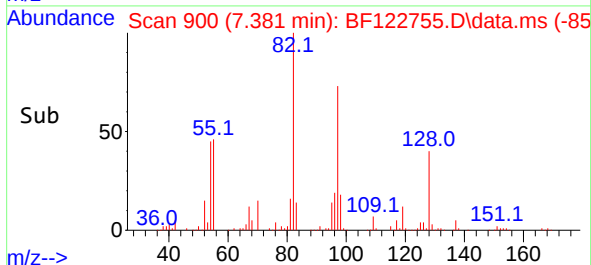
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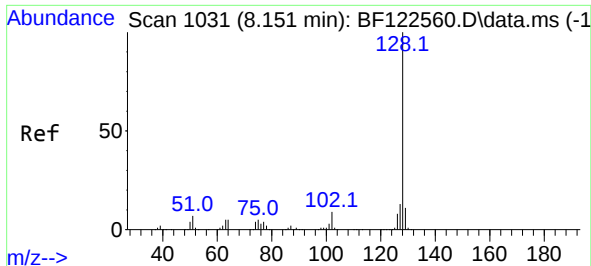


#23
Nitrobenzene-d5
Concen: 43.81 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48



Tgt Ion: 82 Resp: 423087
Ion Ratio Lower Upper
82 100
128 37.5 37.0 55.4
54 45.2 38.4 57.6





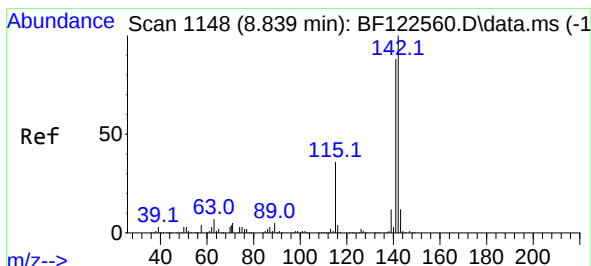
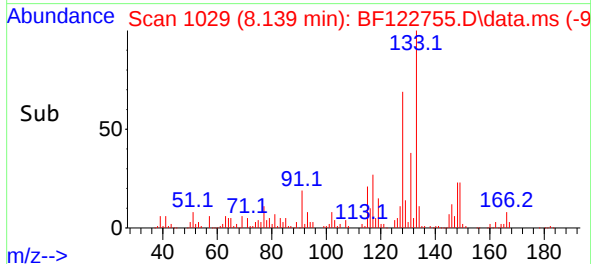
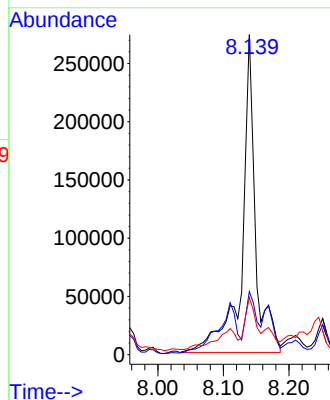
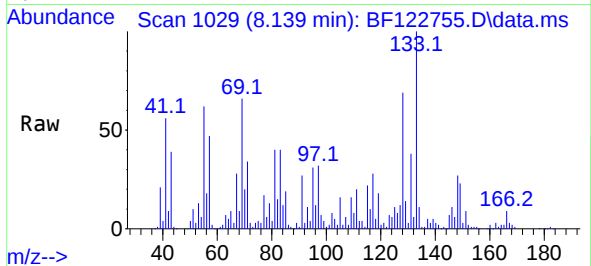
#31
Naphthalene
Concen: 14.69 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.012 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

Tgt Ion:128 Resp: 392164
Ion Ratio Lower Upper
128 100
129 19.7 9.0 13.6#
127 17.9 10.7 16.1#

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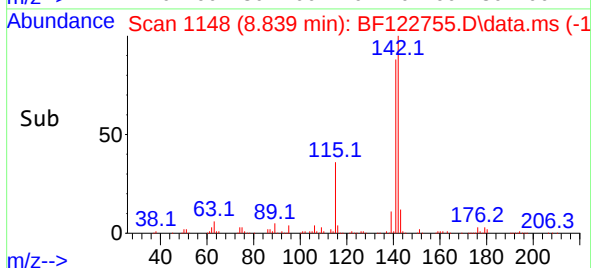
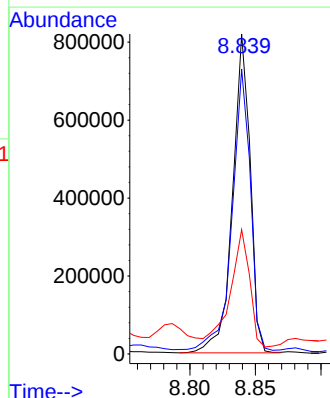
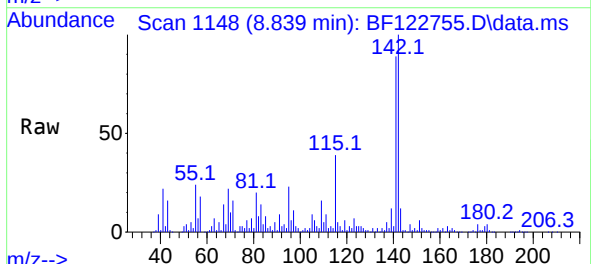
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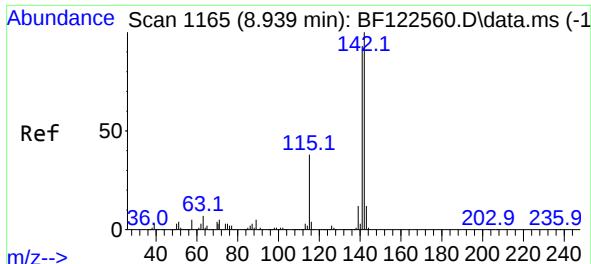
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#37
2-Methylnaphthalene
Concen: 43.30 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.018 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

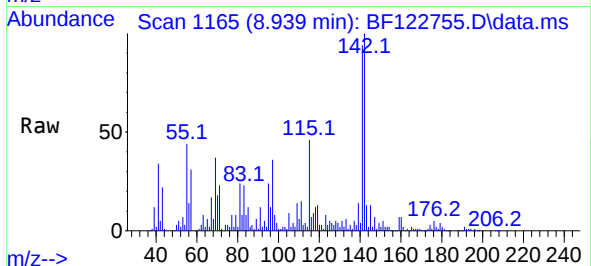
Tgt Ion:142 Resp: 764872
Ion Ratio Lower Upper
142 100
141 89.0 70.6 106.0
115 38.8 28.7 43.1





#38
1-Methylnaphthalene
Concen: 38.05 ng m
RT: 8.939 min Scan# 1165
Delta R.T. 0.018 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

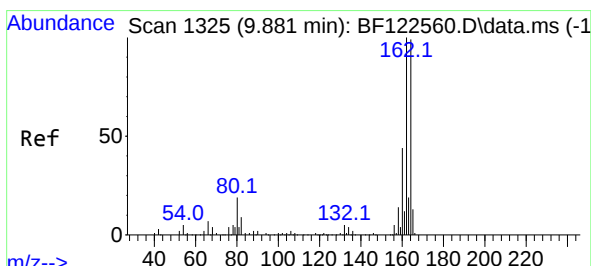
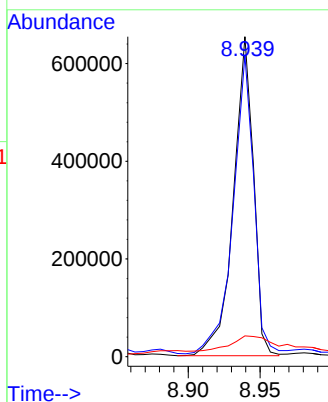
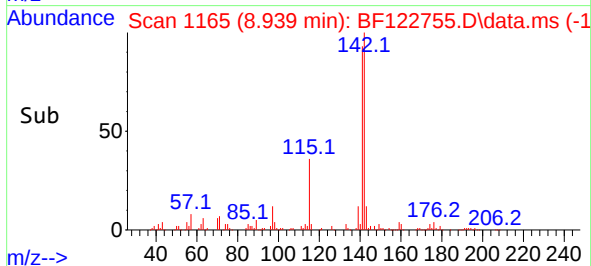
Instrument :
BNA_F
ClientSampleId :
JBD-BOLLARDS-0-6DL



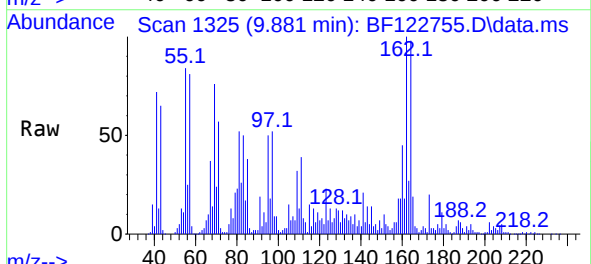
Tgt Ion:142 Resp: 635776
Ion Ratio Lower Upper
142 100
141 94.2 74.5 111.7
116 6.5 3.2 4.8#

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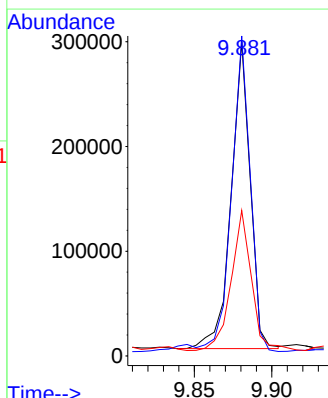
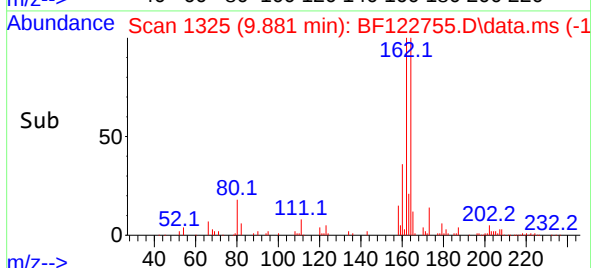
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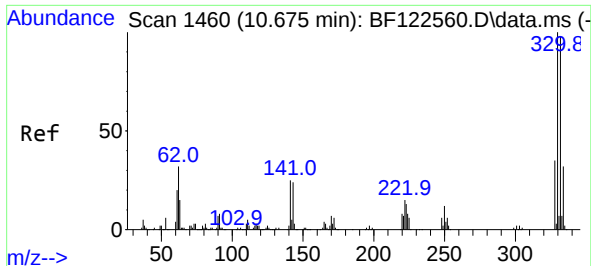


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.018 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

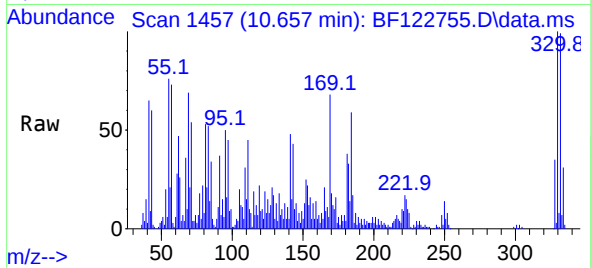


Tgt Ion:164 Resp: 250601
Ion Ratio Lower Upper
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162 101.8 80.8 121.2
160 46.3 35.4 53.0

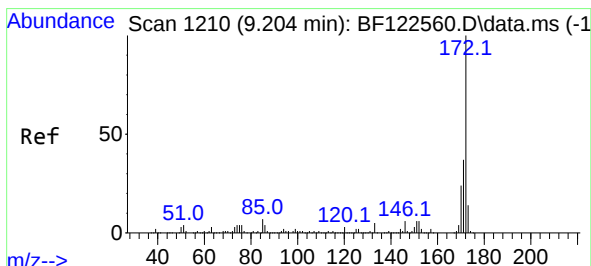
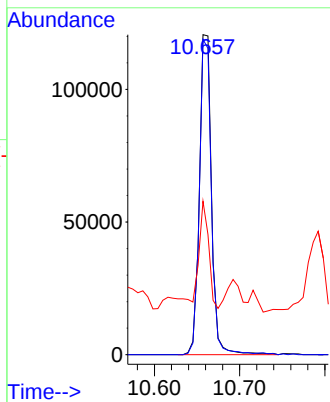
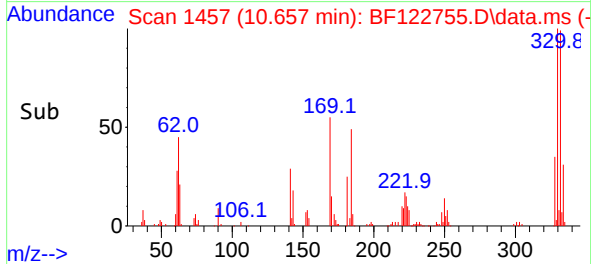




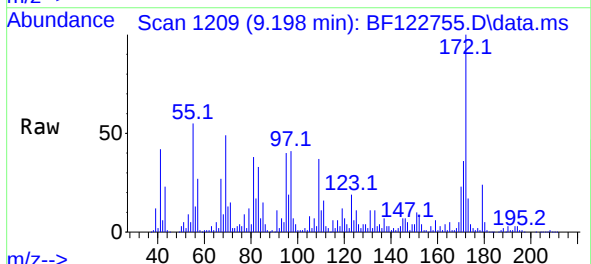
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2,4,6-Tribromophenol
Concen: 36.38 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48



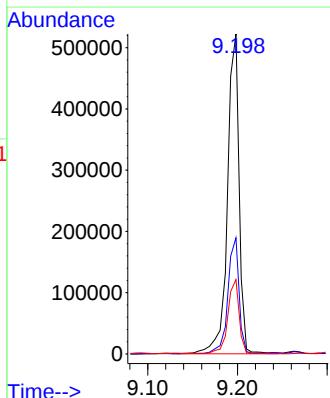
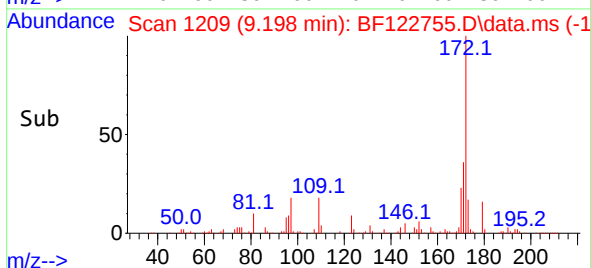
Tgt Ion: 330 Resp: 119321
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 26.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 25.45 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48



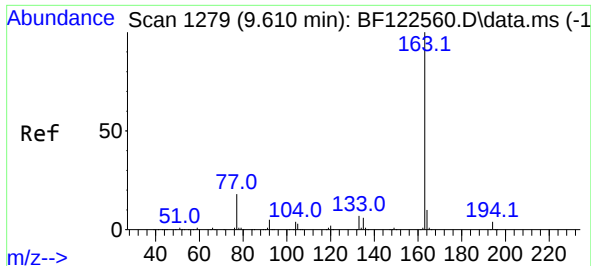
Tgt Ion: 172 Resp: 471539
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.3 19.5 29.3



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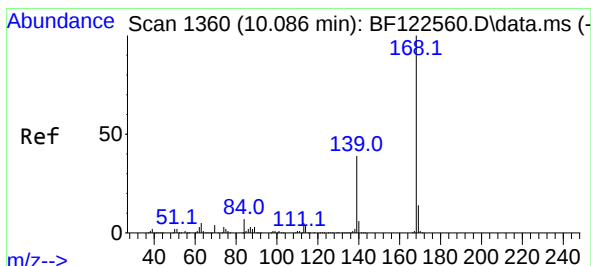
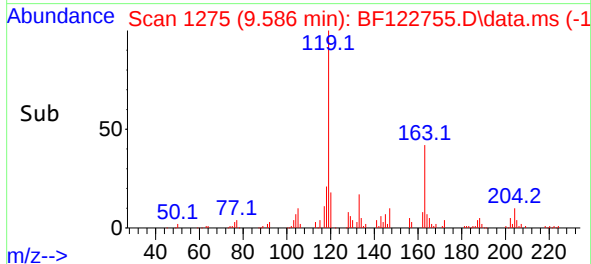
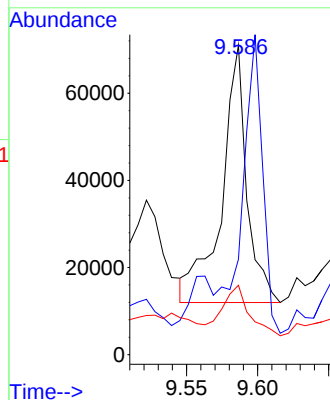
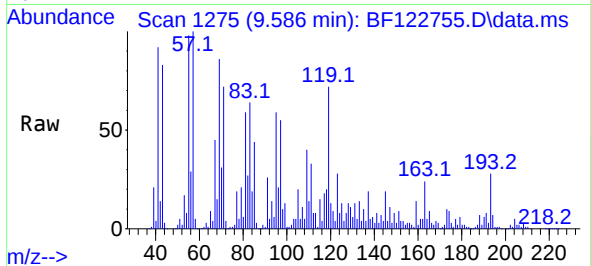
#50
Dimethylphthalate
Concen: 3.62 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

Tgt Ion:163 Resp: 72365
Ion Ratio Lower Upper
163 100
194 30.8 3.4 5.0#
164 22.4 8.1 12.1#

Instrument :
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ClientSampleId :
JBD-BOLLARDS-0-6DL

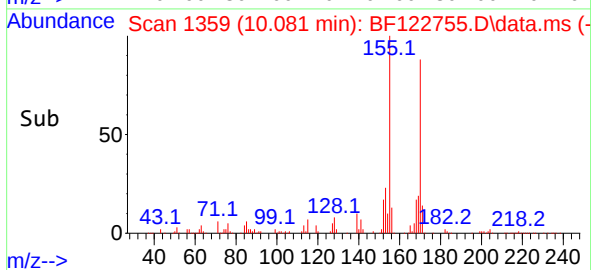
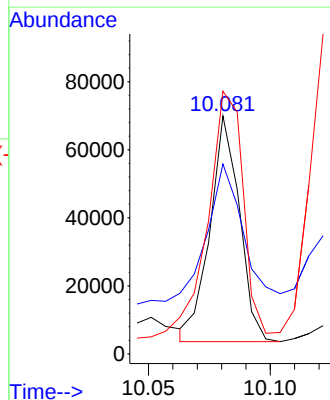
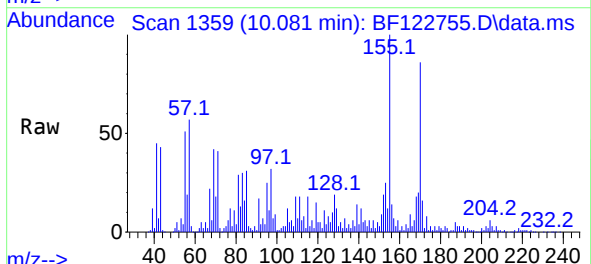
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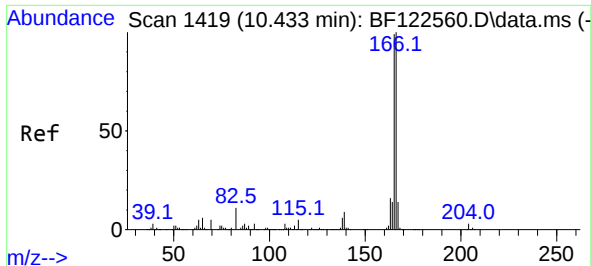
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#55
Dibenzofuran
Concen: 2.41 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

Tgt Ion:168 Resp: 55835
Ion Ratio Lower Upper
168 100
139 79.8 31.3 46.9#
169 110.4 11.2 16.8#





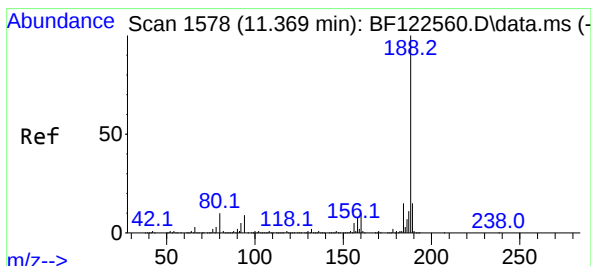
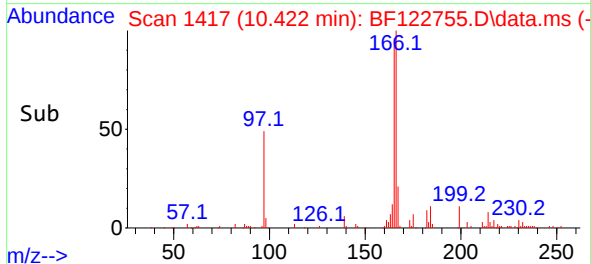
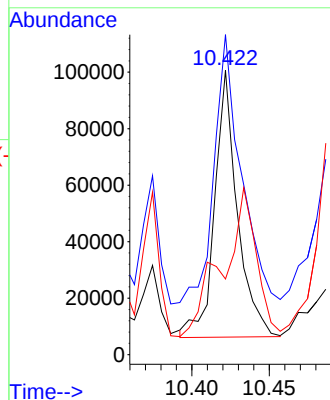
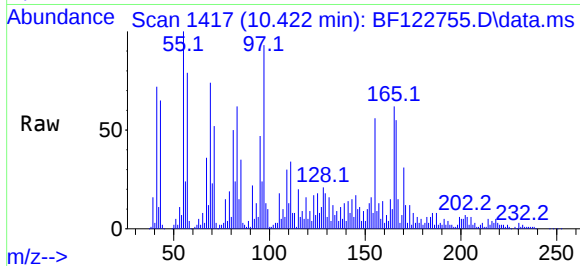
#58
Fluorene
Concen: 5.22 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

Tgt Ion:166 Resp: 96207
Ion Ratio Lower Upper
166 100
165 112.5 79.4 119.0
167 26.6 10.9 16.3#

Instrument :
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ClientSampleId :
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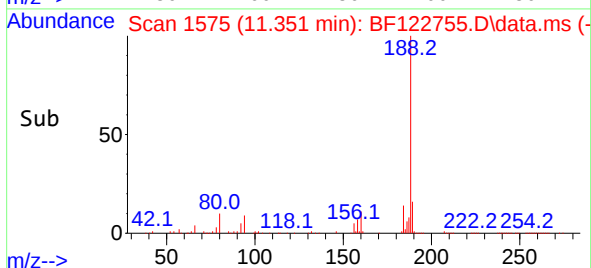
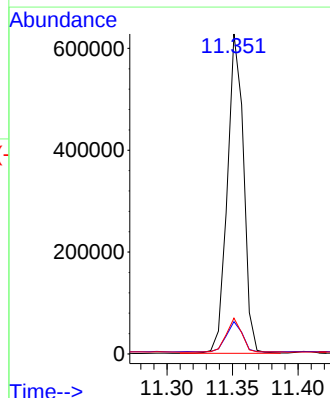
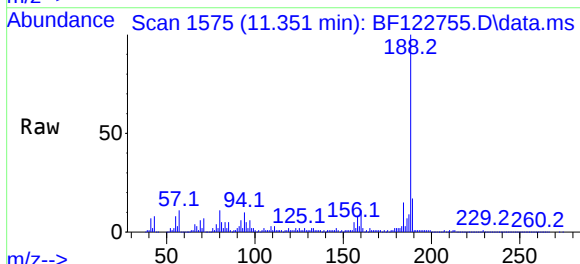
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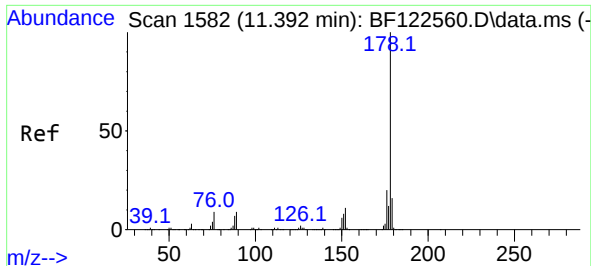
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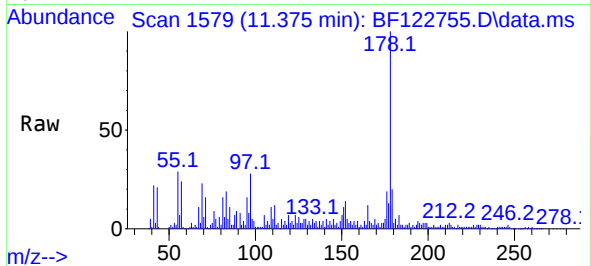
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

Tgt Ion:188 Resp: 540663
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.2 8.2 12.4

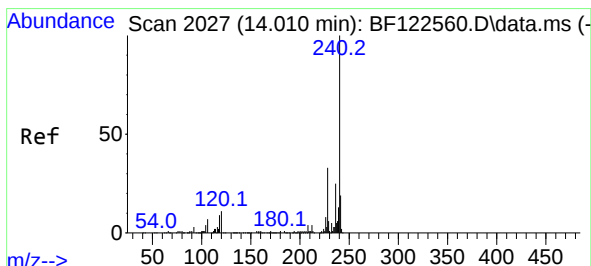
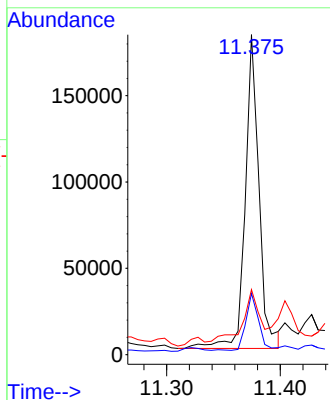
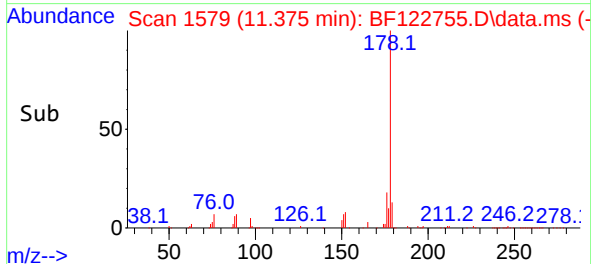




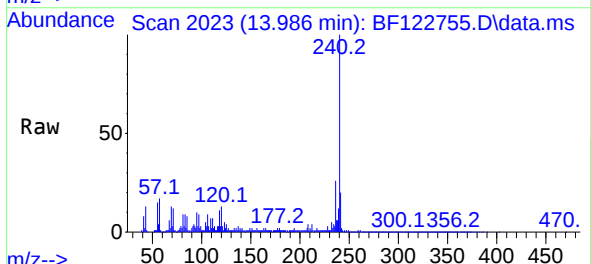
#71
Phenanthrene
Concen: 4.78 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48



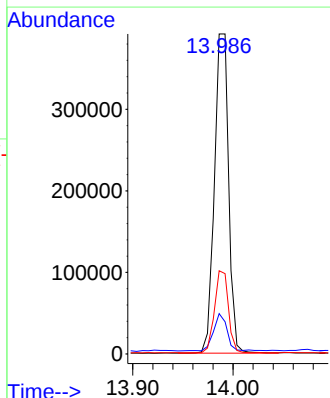
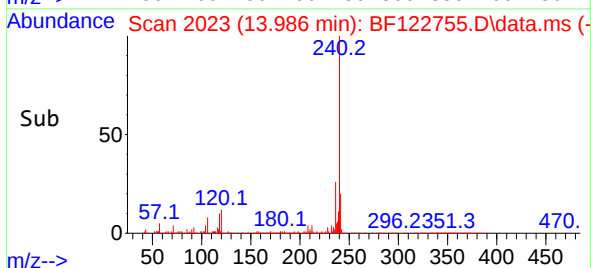
Tgt Ion:178 Resp: 153530
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.2
179 20.3 12.7 19.1#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48



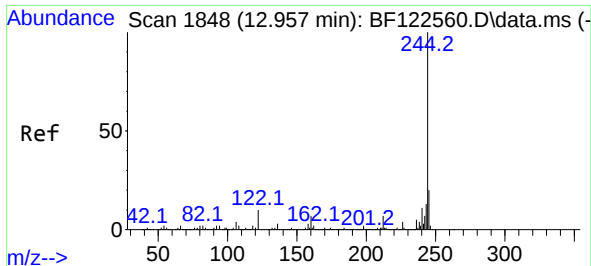
Tgt Ion:240 Resp: 386030
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.0 20.3 30.5



Instrument :
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ClientSampleId :
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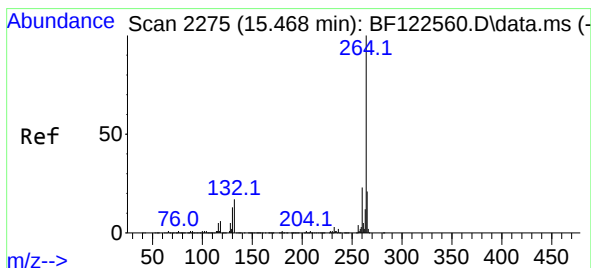
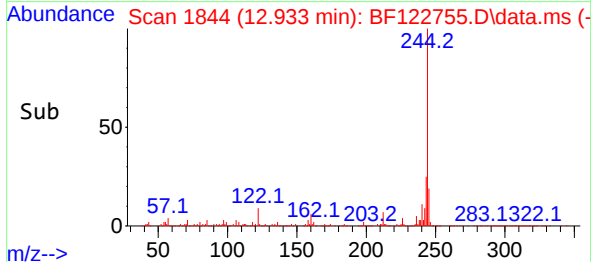
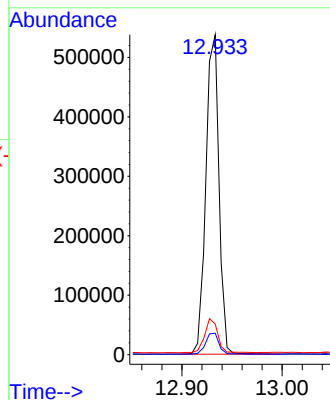
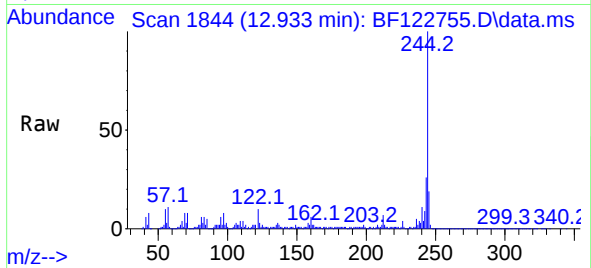
#79
Terphenyl-d14
Concen: 22.27 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

Tgt Ion:244 Resp: 491075
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.6 8.3 12.5

Instrument :
BNA_F
ClientSampleId :
JBD-BOLLARDS-0-6DL

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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF122755.D
Acq: 16 Dec 2020 17:48

Tgt Ion:264 Resp: 405642
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.2 17.0 25.6

