

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125358.D
 Acq On : 3 Sep 2021 21:26
 Operator : JU/CG
 Sample : M3646-15 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 99-01

Manual Integrations
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Quant Time: Sep 04 00:57:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	133453	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	436898	20.000	ng	# 0.00
39) Acenaphthene-d10	9.974	164	154932	20.000	ng	0.04
64) Phenanthrene-d10	11.527	188	184889	20.000	ng	# 0.10
76) Chrysene-d12	14.127	240	282400	20.000	ng	0.06
86) Perylene-d12	15.598	264	298421	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	80024	9.076	ng	-0.01
7) Phenol-d6	6.522	99	83973m	7.364	ng	-0.01
23) Nitrobenzene-d5	7.457	82	141144	16.264	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	63397	40.992	ng	0.05
45) 2-Fluorobiphenyl	9.269	172	280244	25.210	ng	0.01
79) Terphenyl-d14	13.098	244	277800	15.671	ng	0.09
Target Compounds						Qvalue
31) Naphthalene	8.204	128	211382	9.447	ng	100
37) 2-Methylnaphthalene	8.898	142	264437	17.885	ng	97
38) 1-Methylnaphthalene	8.998	142	169106	12.248	ng	95
46) 1,1'-Biphenyl	9.374	154	51086	4.090	ng	76
49) Acenaphthylene	9.827	152	63405m	4.287	ng	
55) Dibenzofuran	10.180	168	48688m	3.690	ng	
58) Fluorene	10.539	166	95688m	9.808	ng	
71) Phenanthrene	11.551	178	380006	37.301	ng	# 16
72) Anthracene	11.651	178	79493	7.917	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.074	149	70106	5.359	ng	# 70

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

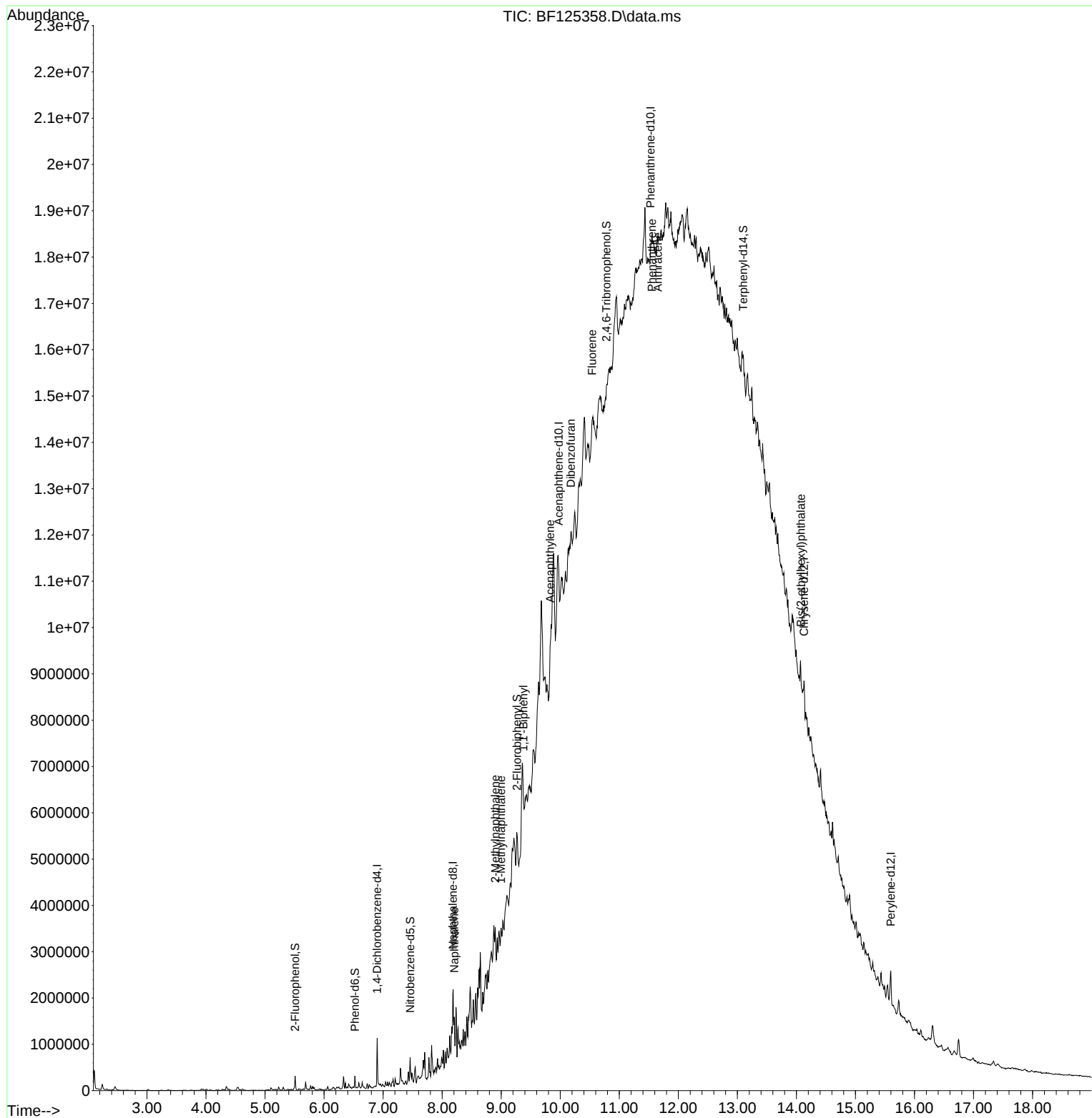
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125358.D
Acq On : 3 Sep 2021 21:26
Operator : JU/CG
Sample : M3646-15 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
99-01

Manual Integrations
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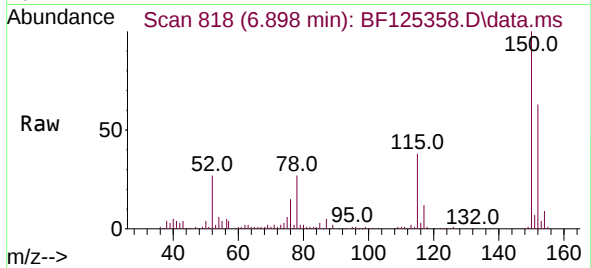
Quant Time: Sep 04 00:57:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

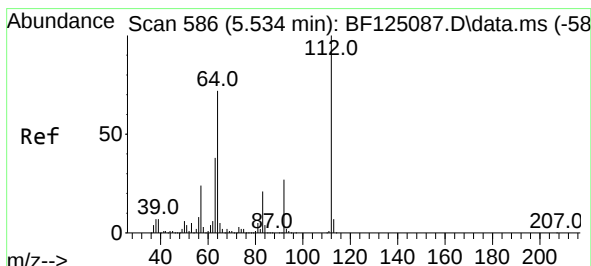
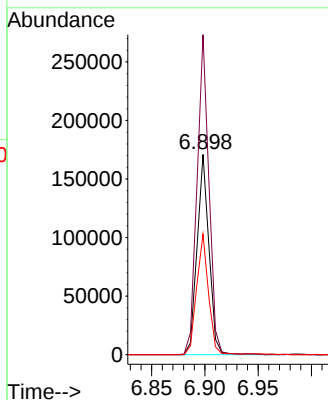
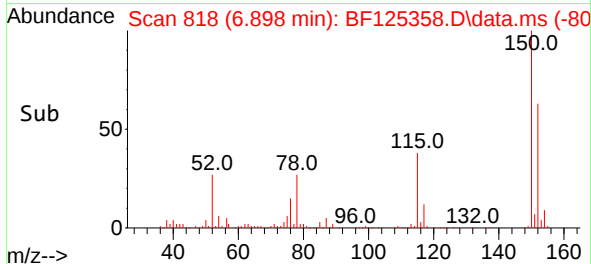
Instrument :
BNA_F
ClientSampled :
99-01



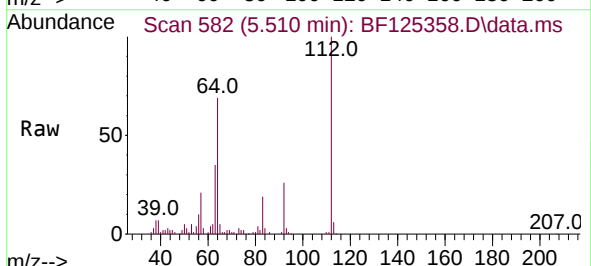
Tgt Ion:152 Resp: 133453
Ion Ratio Lower Upper
152 100
150 159.7 117.6 176.4
115 60.2 47.1 70.7

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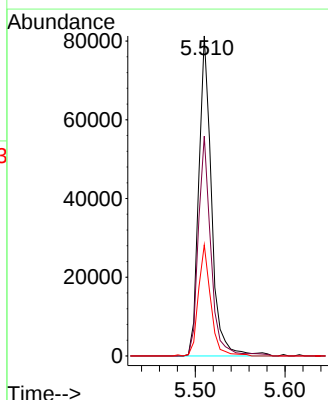
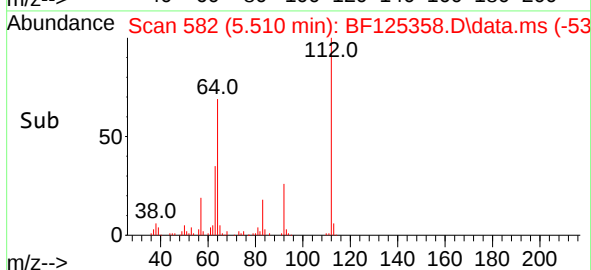
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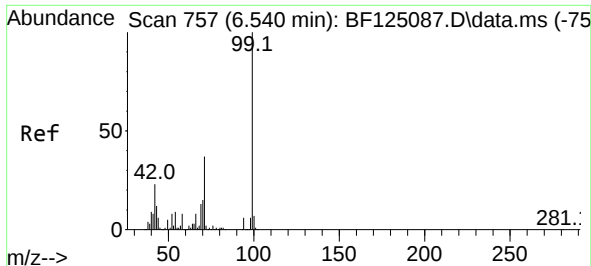


#5
2-Fluorophenol
Concen: 9.076 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.012 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26



Tgt Ion:112 Resp: 80024
Ion Ratio Lower Upper
112 100
64 68.7 44.2 66.2#
63 34.7 26.2 39.2





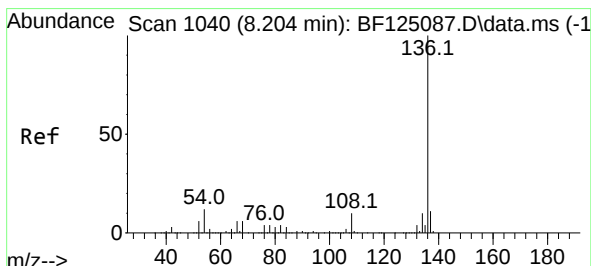
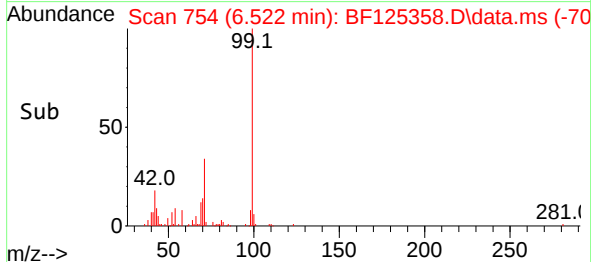
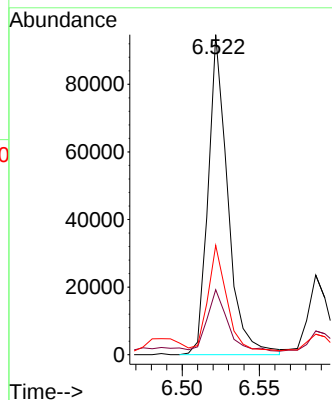
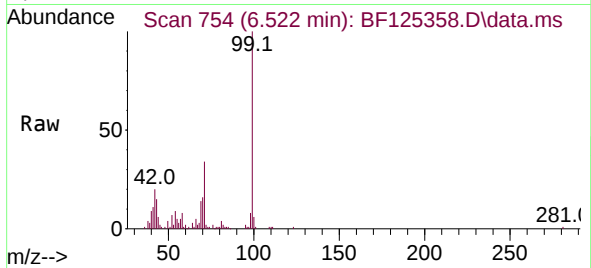
#7
Phenol-d6
Concen: 7.364 ng m
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

Tgt Ion: 99 Resp: 83973
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 34.2 25.6 38.4

Instrument :
BNA_F
ClientSampled :
99-01

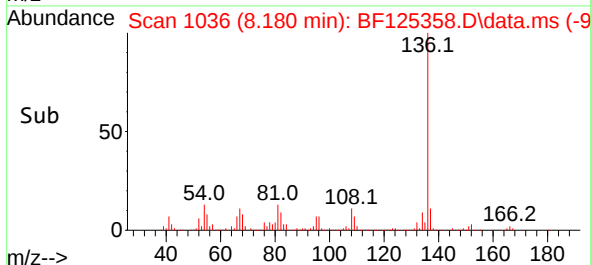
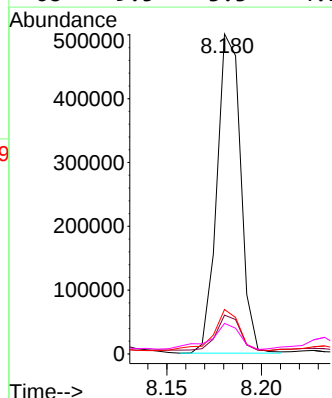
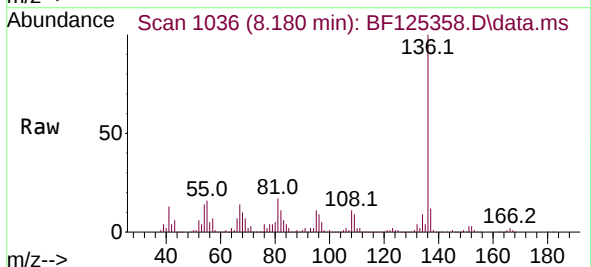
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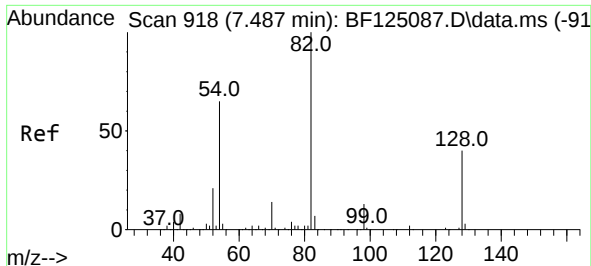
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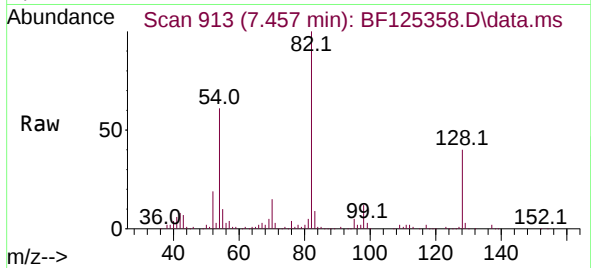
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

Tgt Ion: 136 Resp: 436898
Ion Ratio Lower Upper
136 100
137 12.1 9.8 14.6
54 13.9 6.4 9.6#
68 9.5 3.3 4.9#

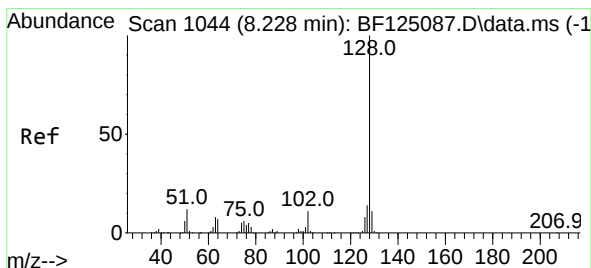
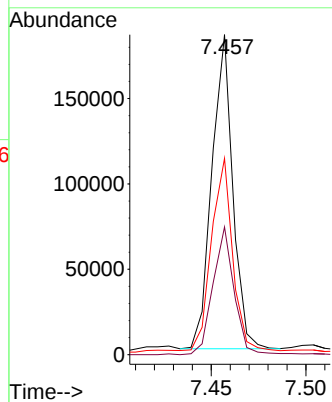
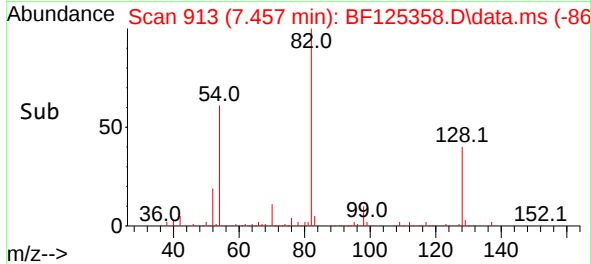




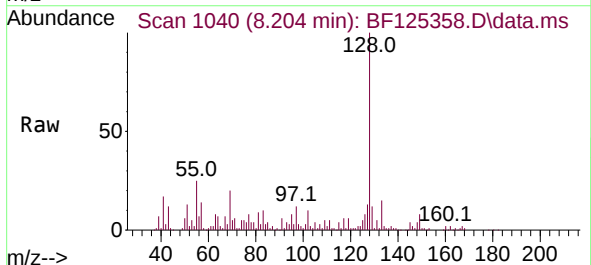
#23
Nitrobenzene-d5
Concen: 16.264 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26



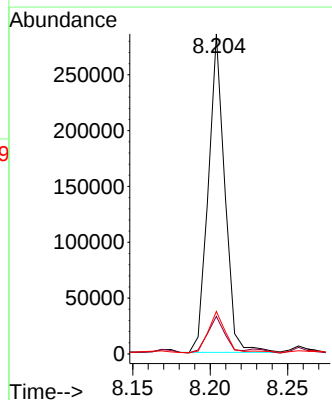
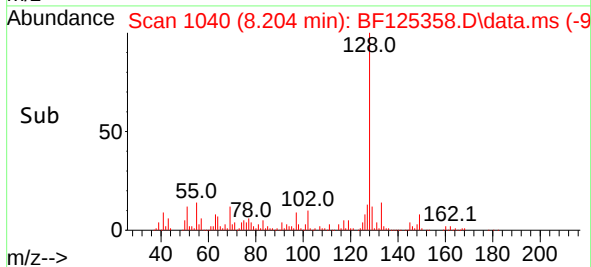
Tgt Ion: 82 Resp: 141144
Ion Ratio Lower Upper
82 100
128 39.9 40.6 60.8#
54 61.4 49.6 74.4



#31
Naphthalene
Concen: 9.447 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26



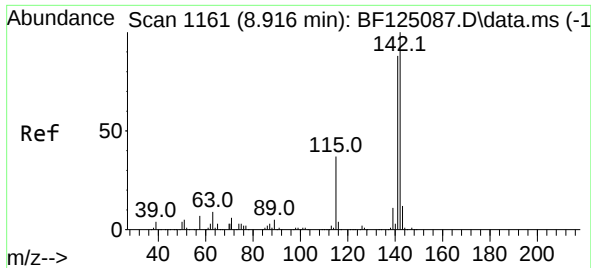
Tgt Ion: 128 Resp: 211382
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.3 10.9 16.3



Instrument :
BNA_F
ClientSampleId :
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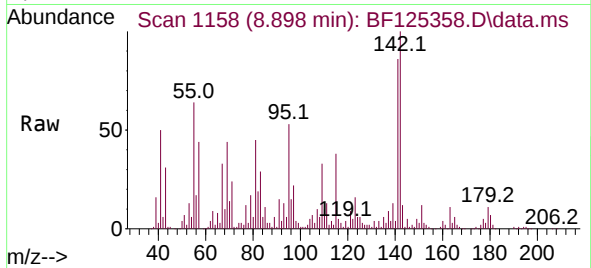
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#37
2-Methylnaphthalene
Concen: 17.885 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

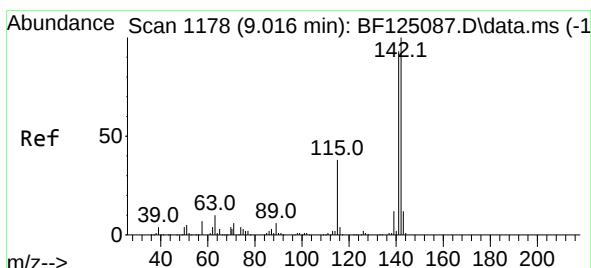
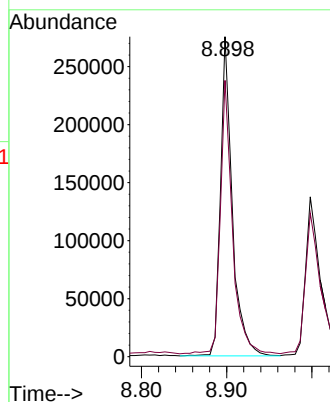
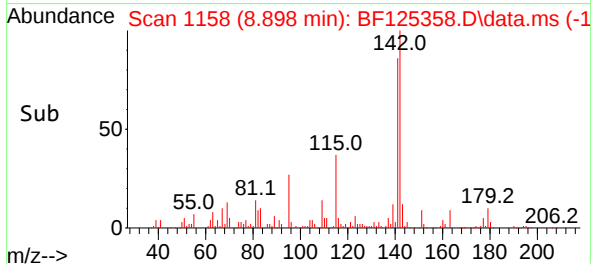
Instrument :
BNA_F
ClientSampled :
99-01



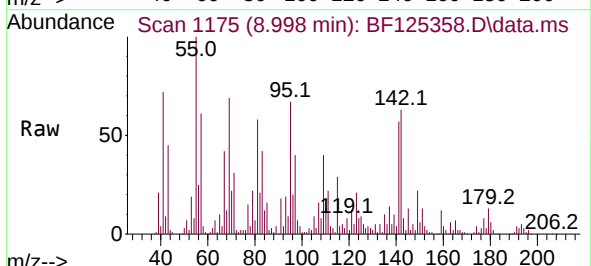
Tgt Ion:142 Resp: 264437
Ion Ratio Lower Upper
142 100
141 86.4 71.2 106.8

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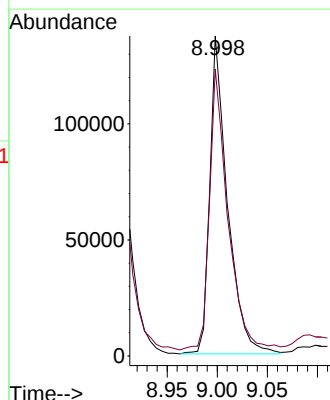
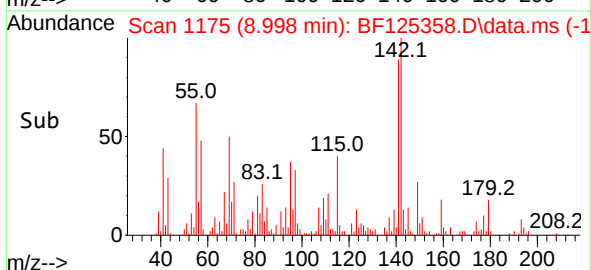
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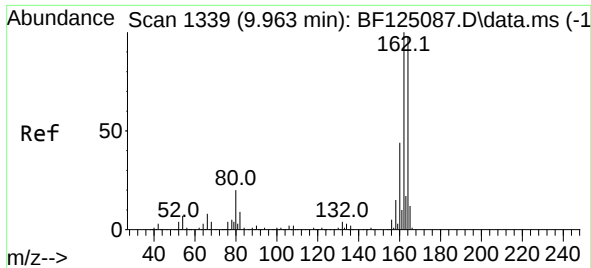


#38
1-Methylnaphthalene
Concen: 12.248 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26



Tgt Ion:142 Resp: 169106
Ion Ratio Lower Upper
142 100
141 89.7 76.0 114.0





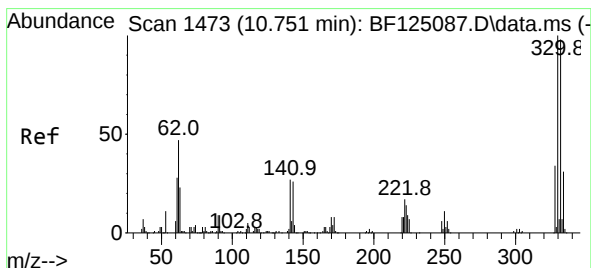
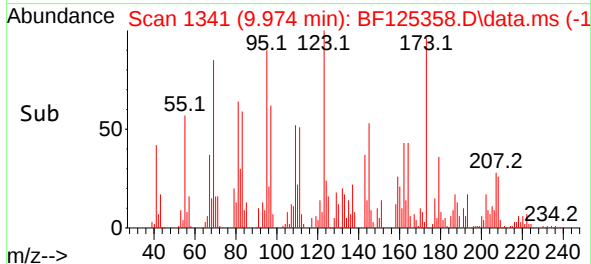
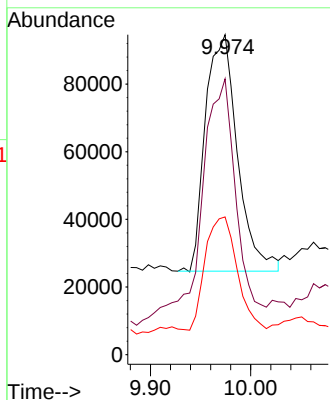
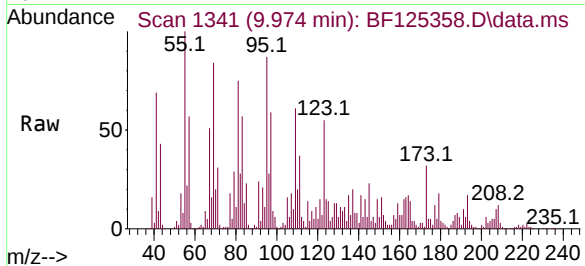
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.035 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

Tgt Ion:164 Resp: 154932
Ion Ratio Lower Upper
164 100
162 86.2 81.3 121.9
160 43.1 38.0 57.0

Instrument :
BNA_F
ClientSampled :
99-01

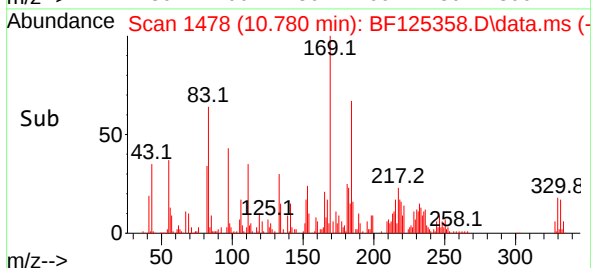
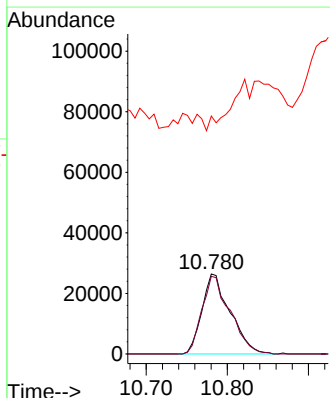
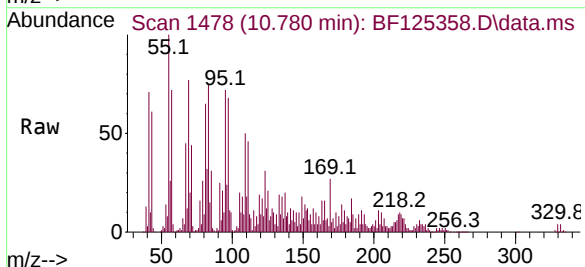
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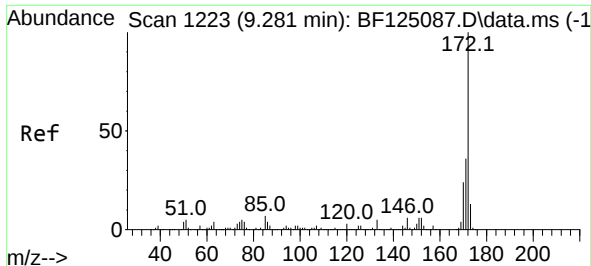
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#42
2,4,6-Tribromophenol
Concen: 40.992 ng
RT: 10.780 min Scan# 1478
Delta R.T. 0.047 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

Tgt Ion:330 Resp: 63397
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 0.0 44.6 66.8#





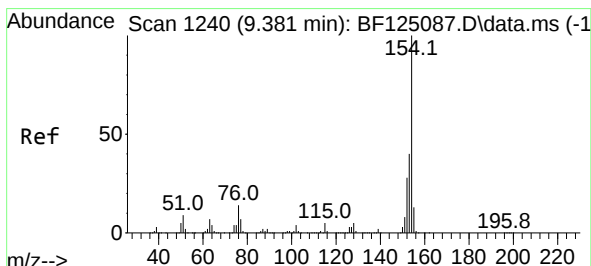
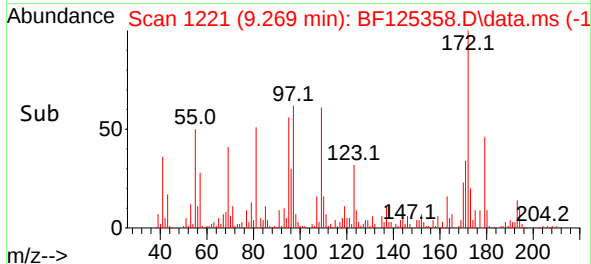
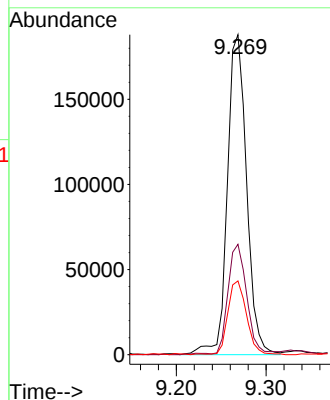
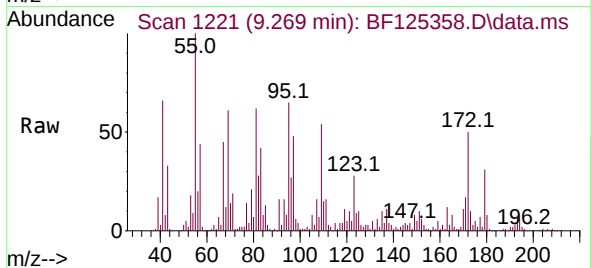
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2-Fluorobiphenyl
Concen: 25.210 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.012 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

Instrument :
BNA_F
ClientSampled :
99-01

Tgt Ion:172 Resp: 280244
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.0 18.8 28.2

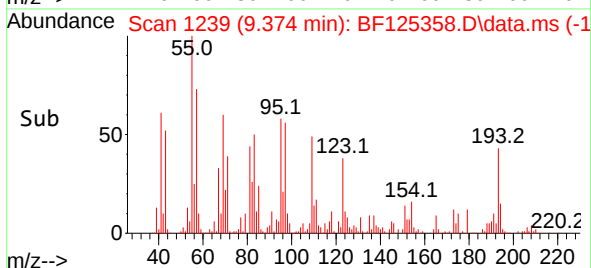
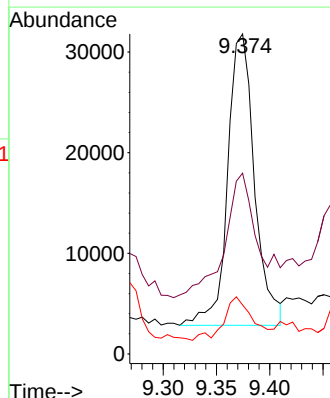
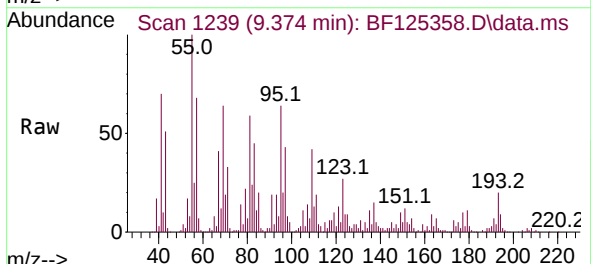
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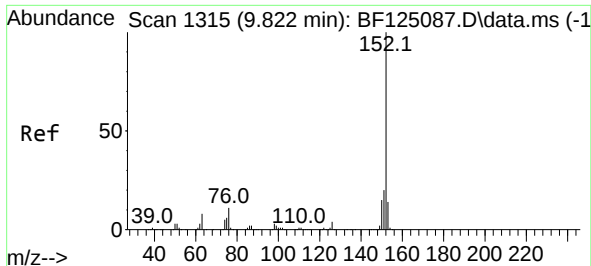
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#46
1,1'-Biphenyl
Concen: 4.090 ng
RT: 9.374 min Scan# 1239
Delta R.T. 0.012 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

Tgt Ion:154 Resp: 51086
Ion Ratio Lower Upper
154 100
153 56.5 20.0 60.0
76 15.3 0.0 30.3





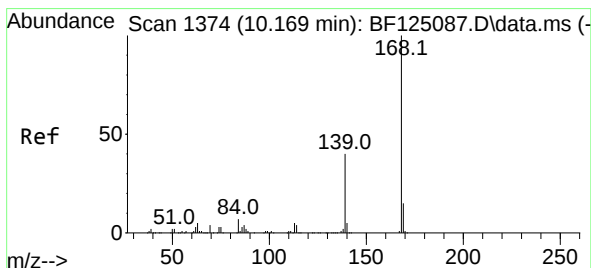
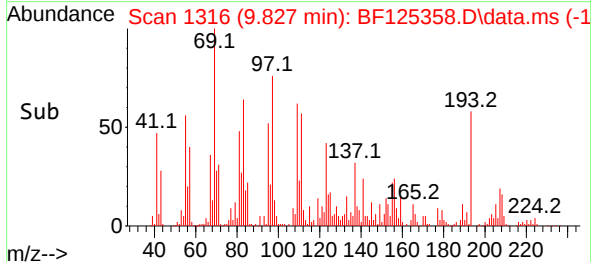
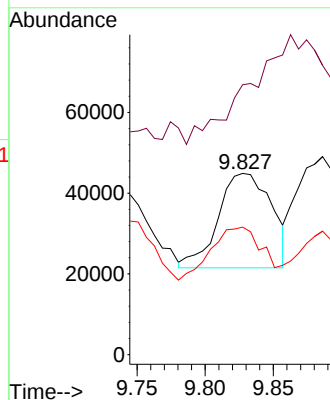
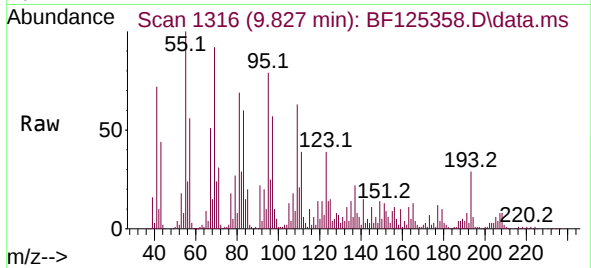
#49
Acenaphthylene
Concen: 4.287 ng m
RT: 9.827 min Scan# 1316
Delta R.T. 0.023 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

Tgt Ion:152 Resp: 63405
Ion Ratio Lower Upper
152 100
151 149.0 15.7 23.5#
153 70.4 9.8 14.8#

Instrument :
BNA_F
ClientSampled :
99-01

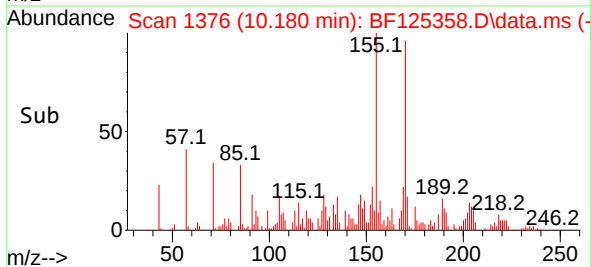
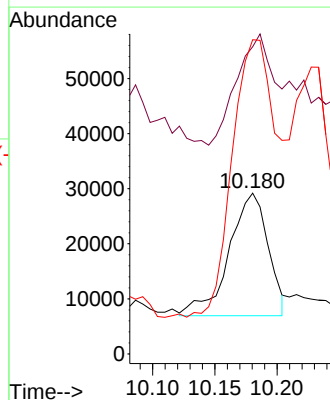
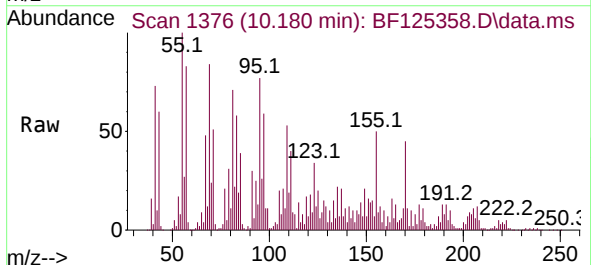
Manual Integrations
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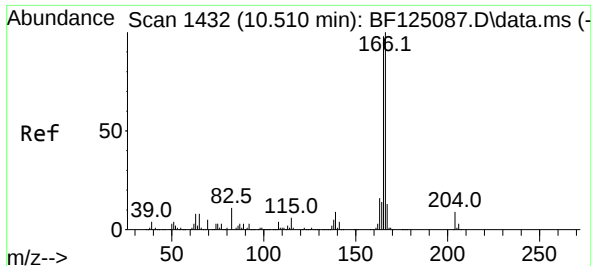
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#55
Dibenzofuran
Concen: 3.690 ng m
RT: 10.180 min Scan# 1376
Delta R.T. 0.035 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

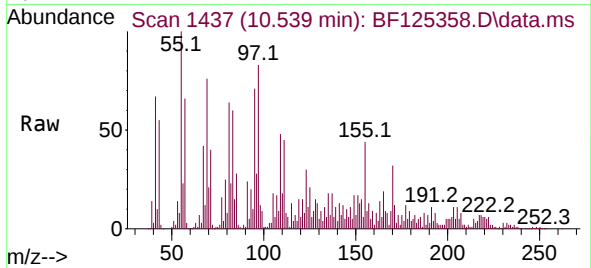
Tgt Ion:168 Resp: 48688
Ion Ratio Lower Upper
168 100
139 191.0 32.7 49.1#
169 195.4 11.2 16.8#





#58
Fluorene
Concen: 9.808 ng m
RT: 10.539 min Scan# 1437
Delta R.T. 0.053 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

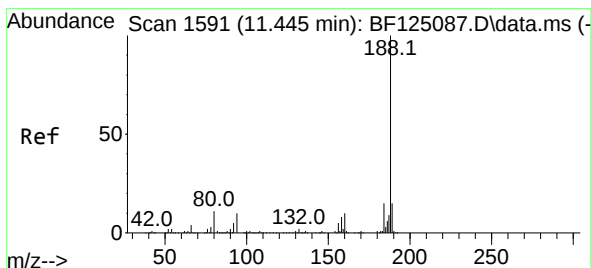
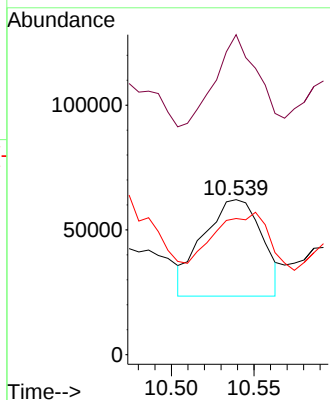
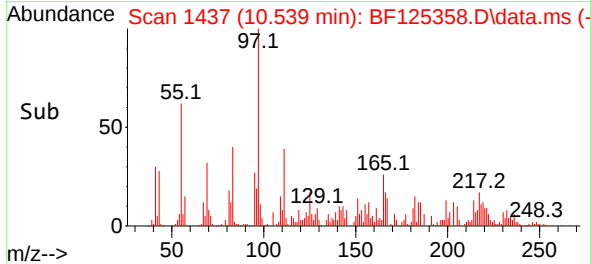
Instrument :
BNA_F
ClientSampled :
99-01



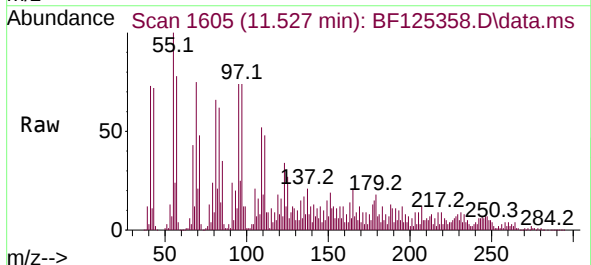
Tgt Ion:166 Resp: 95688
Ion Ratio Lower Upper
166 100
165 206.4 78.1 117.1#
167 87.9 11.1 16.7#

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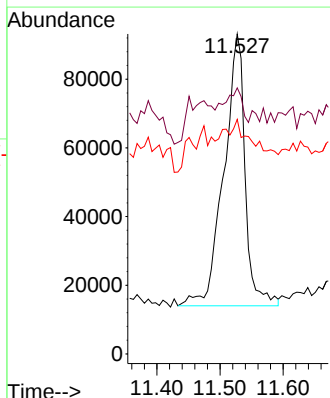
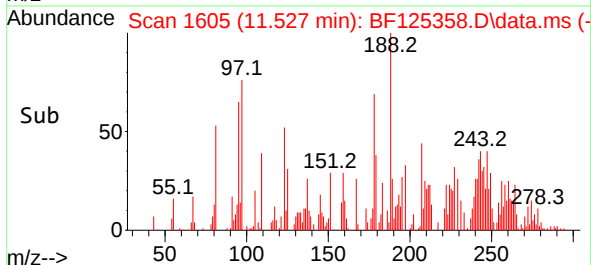
mohammad
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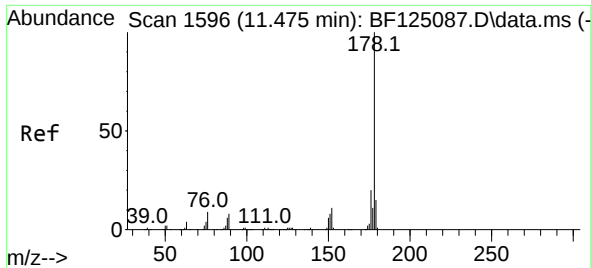


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1605
Delta R.T. 0.100 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26



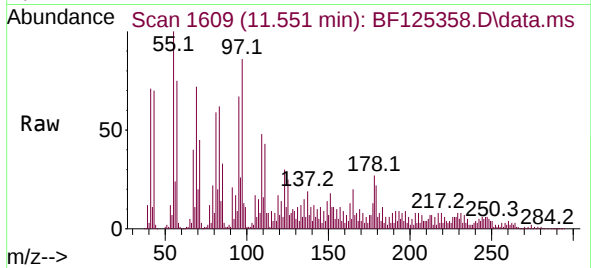
Tgt Ion:188 Resp: 184889
Ion Ratio Lower Upper
188 100
94 83.2 6.7 10.1#
80 73.3 7.5 11.3#





#71
Phenanthrene
Concen: 37.301 ng
RT: 11.551 min Scan# 1609
Delta R.T. 0.100 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

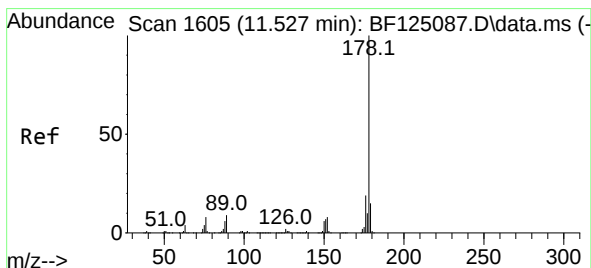
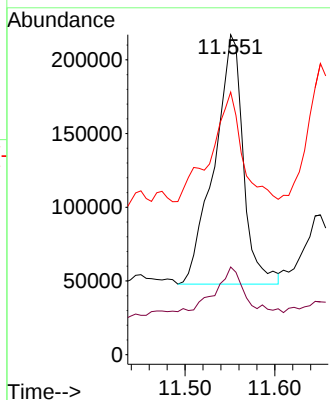
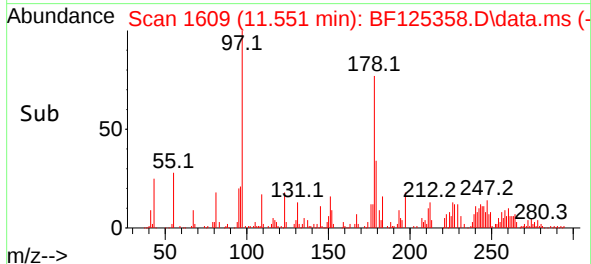
Instrument :
BNA_F
ClientSampled :
99-01



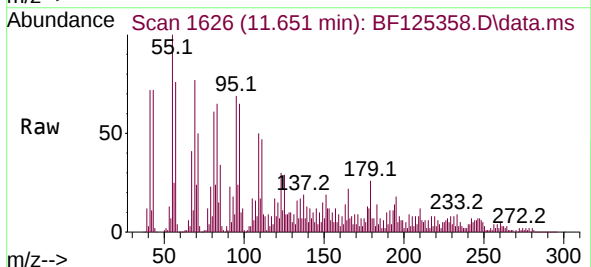
Tgt Ion:178 Resp: 380006
Ion Ratio Lower Upper
178 100
176 27.4 14.7 22.1#
179 82.0 11.5 17.3#

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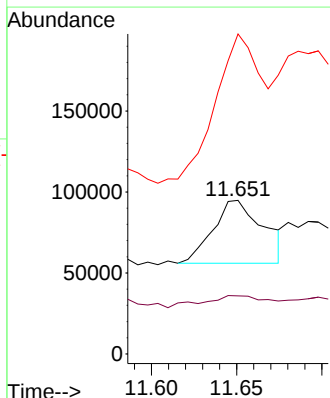
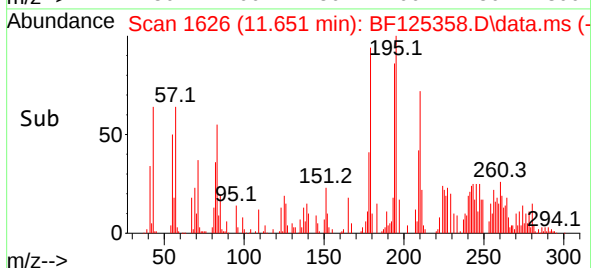
mohammad
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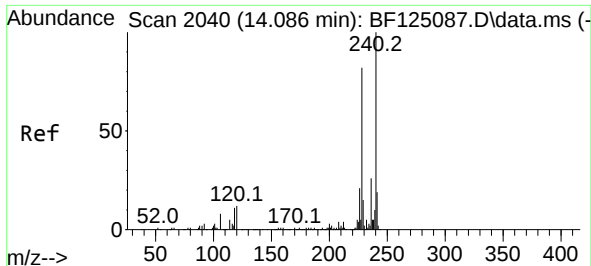


#72
Anthracene
Concen: 7.917 ng
RT: 11.651 min Scan# 1626
Delta R.T. 0.147 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26



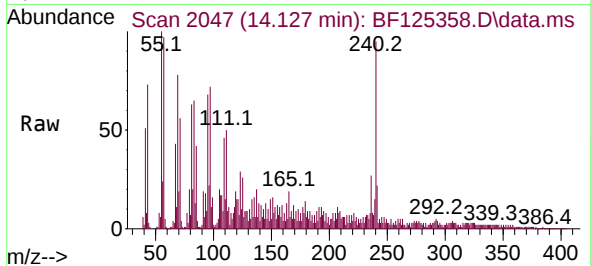
Tgt Ion:178 Resp: 79493
Ion Ratio Lower Upper
178 100
176 37.8 14.3 21.5#
179 208.4 12.2 18.4#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.059 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

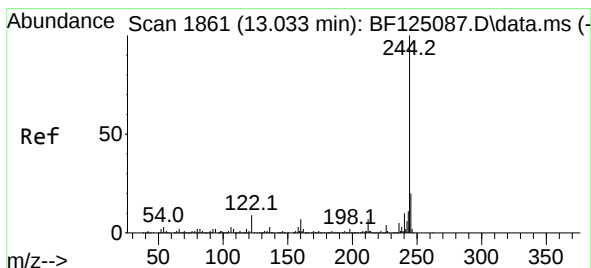
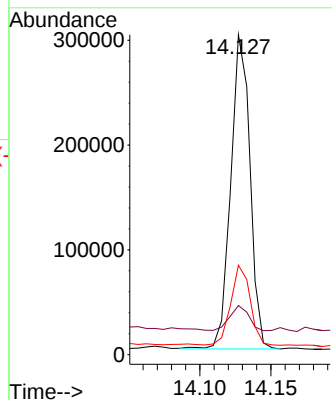
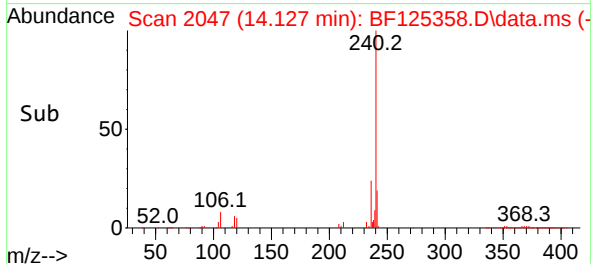
Instrument :
BNA_F
ClientSampled :
99-01



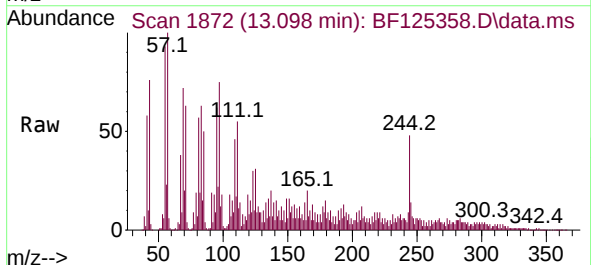
Tgt Ion:240 Resp: 282400
Ion Ratio Lower Upper
240 100
120 15.4 10.8 16.2
236 27.9 21.6 32.4

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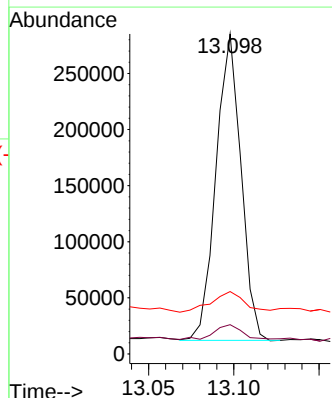
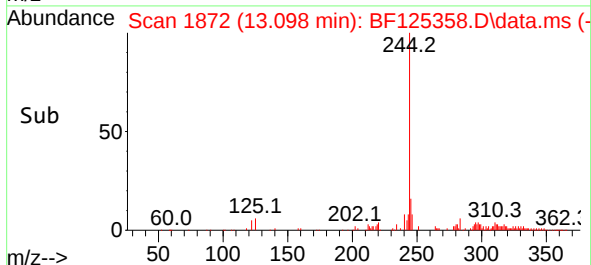
mohammad
9/7/2021 11:36:55 AM

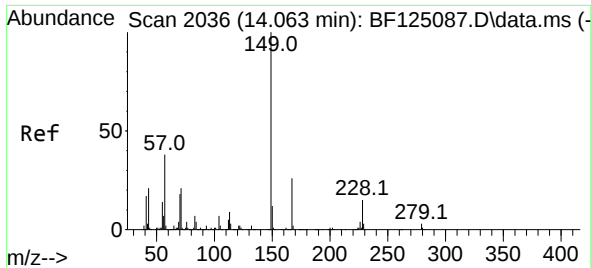


#79
Terphenyl-d14
Concen: 15.671 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.088 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

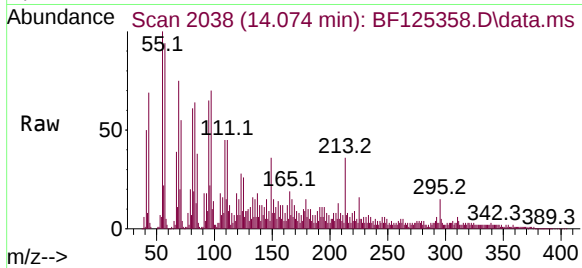


Tgt Ion:244 Resp: 277800
Ion Ratio Lower Upper
244 100
212 9.2 5.9 8.9#
122 19.5 9.0 13.4#





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.359 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.035 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26

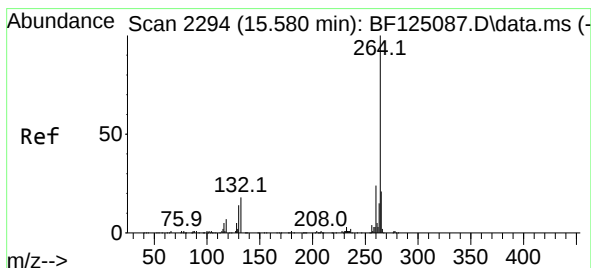
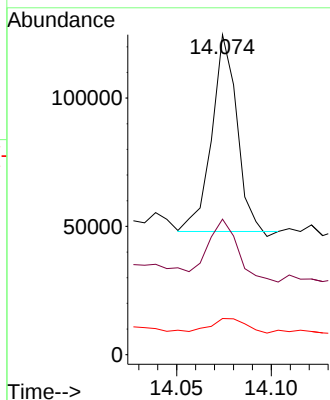
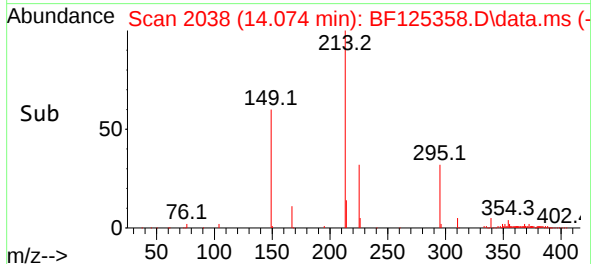


Tgt Ion:149 Resp: 70106
Ion Ratio Lower Upper
149 100
167 42.3 21.4 32.0#
279 11.3 2.6 4.0#

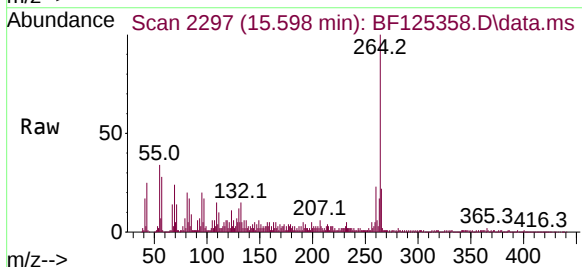
Instrument :
BNA_F
ClientSampled :
99-01

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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2297
Delta R.T. 0.041 min
Lab File: BF125358.D
Acq: 3 Sep 2021 21:26



Tgt Ion:264 Resp: 298421
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 21.9 17.2 25.8

