

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125277.D
 Acq On : 30 Aug 2021 23:10
 Operator : JU/CG
 Sample : M3561-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE3-1

Manual Integrations
 APPROVED

mohammad
 8/31/2021 11:30:34 AM

Quant Time: Aug 31 05:31:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	183463	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	573299	20.000	ng	# 0.00
39) Acenaphthene-d10	9.980	164	241705m	20.000	ng	0.03
64) Phenanthrene-d10	11.480	188	379114m	20.000	ng	0.04
76) Chrysene-d12	14.104	240	375588m	20.000	ng	0.02
86) Perylene-d12	15.609	264	302617m	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	688217	56.779	ng	0.01
7) Phenol-d6	6.545	99	555530	35.438	ng	0.00
23) Nitrobenzene-d5	7.486	82	1035201	90.906	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	418578	173.486	ng	0.05
45) 2-Fluorobiphenyl	9.292	172	1454818	83.888	ng	0.02
79) Terphenyl-d14	13.051	244	1440344m	61.093	ng	0.03
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	7.086	146	33616	2.503	ng	# 85
37) 2-Methylnaphthalene	8.928	142	627962	32.366	ng	98
38) 1-Methylnaphthalene	9.033	142	1207589	66.652	ng	98
49) Acenaphthylene	9.845	152	102356m	4.436	ng	
52) Acenaphthene	10.016	154	257926m	18.031	ng	
55) Dibenzofuran	10.192	168	221798m	10.774	ng	
58) Fluorene	10.539	166	483203m	31.747	ng	
71) Phenanthrene	11.510	178	1252024m	59.936	ng	
75) Fluoranthene	12.686	202	130792m	6.310	ng	
78) Pyrene	12.915	202	300524m	9.328	ng	
84) Bis(2-ethylhexyl)phtha...	14.068	149	56189m	3.229	ng	

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

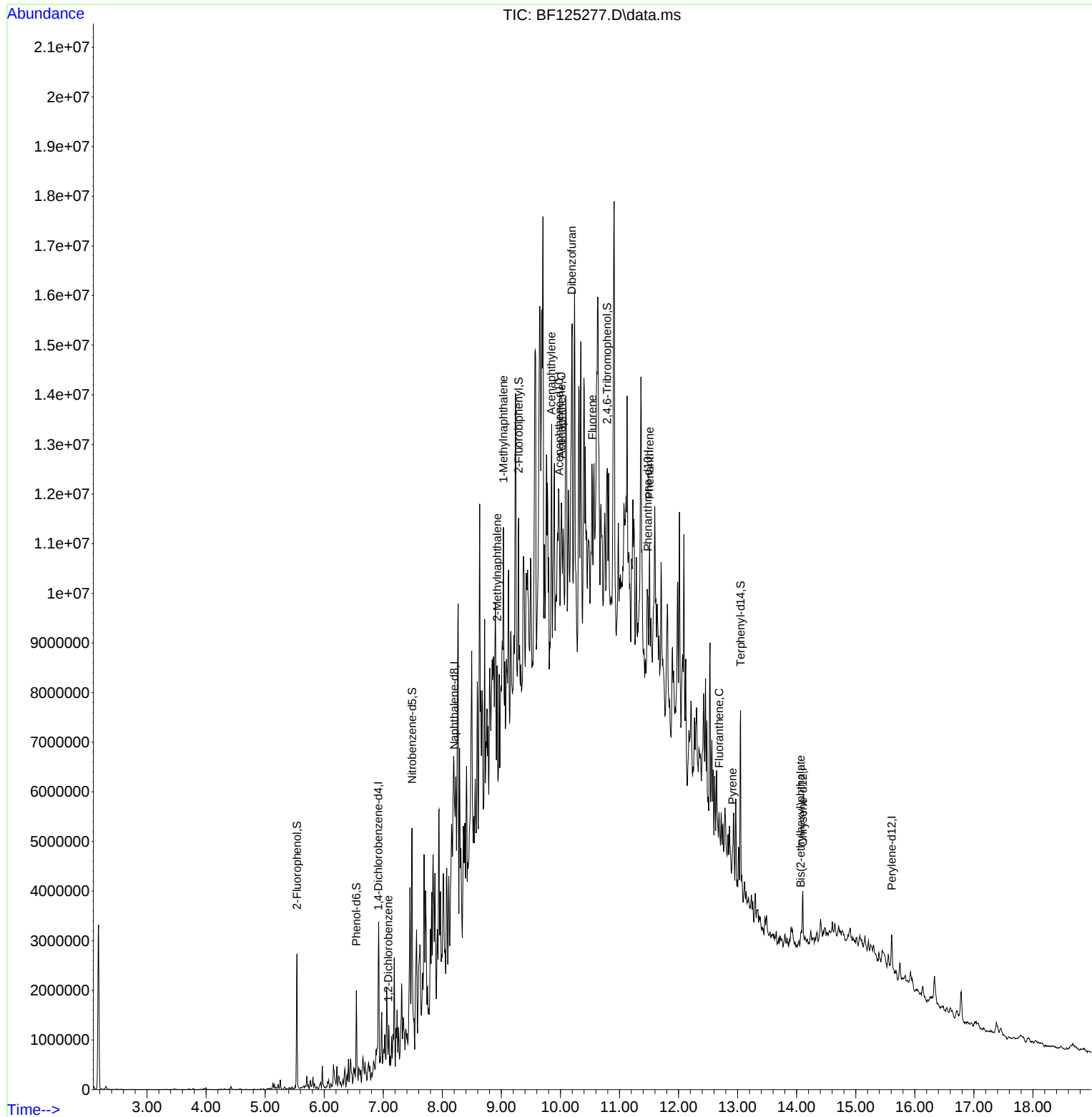
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Data File : BF125277.D
Acq On : 30 Aug 2021 23:10
Operator : JU/CG
Sample : M3561-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

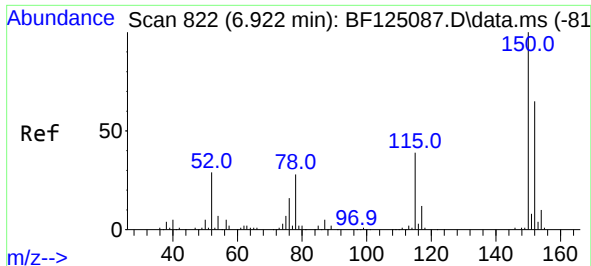
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Aug 31 05:31:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





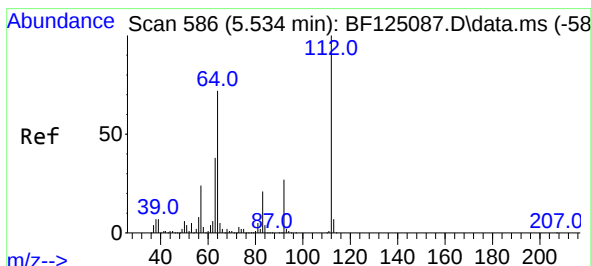
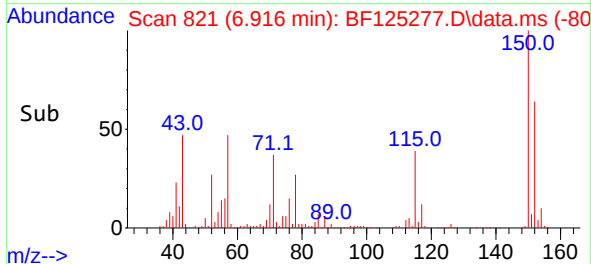
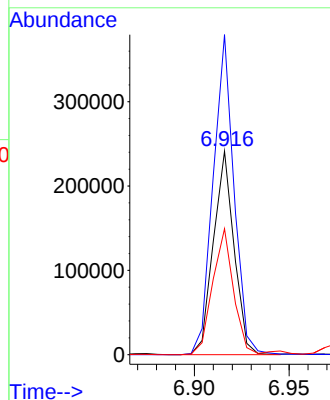
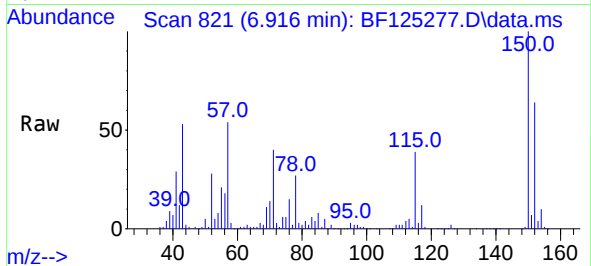
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion:152 Resp: 183463
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 61.9 47.1 70.7

Instrument :
BNA_F
ClientSampleId :
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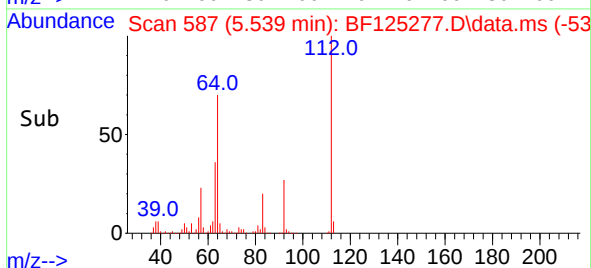
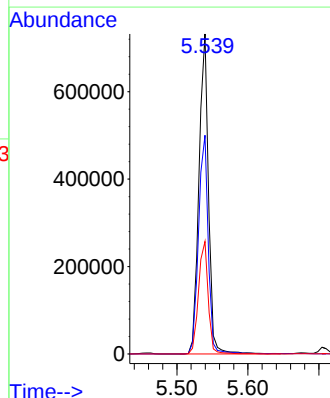
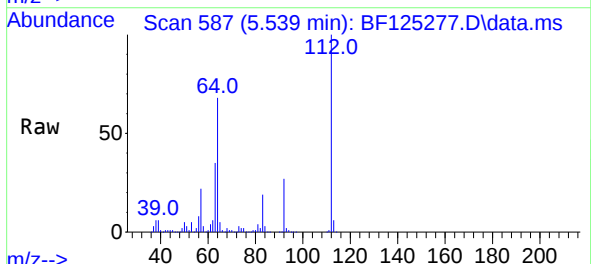
Manual Integrations
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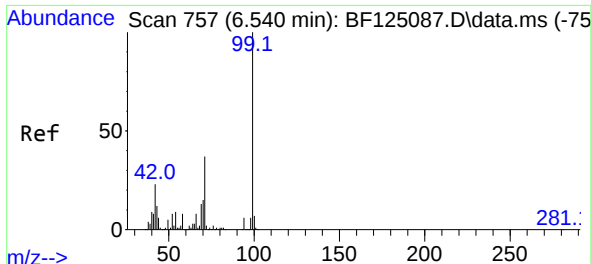
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#5
2-Fluorophenol
Concen: 56.779 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion:112 Resp: 688217
Ion Ratio Lower Upper
112 100
64 68.3 44.2 66.2#
63 35.2 26.2 39.2





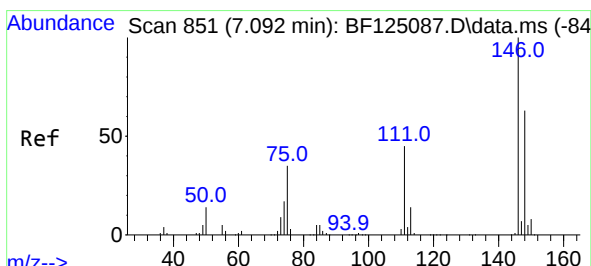
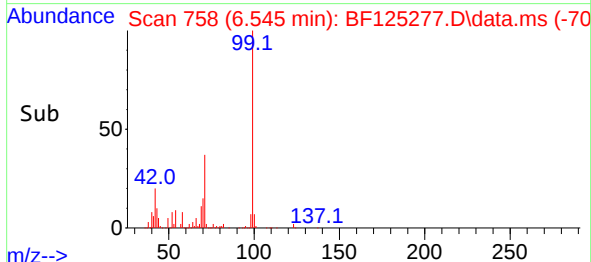
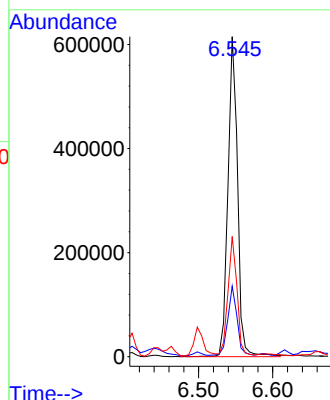
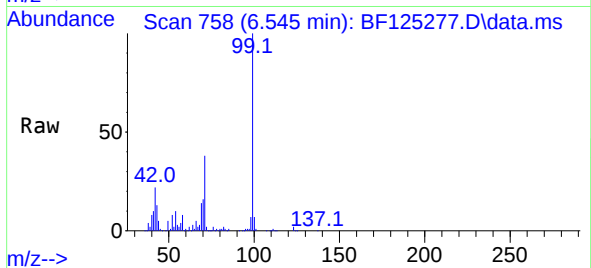
#7
Phenol-d6
Concen: 35.438 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion: 99 Resp: 555530
Ion Ratio Lower Upper
99 100
42 22.1 23.5 35.3#
71 37.6 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
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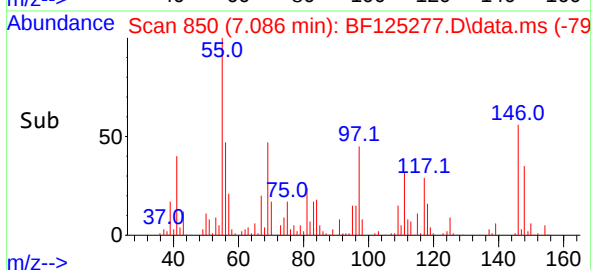
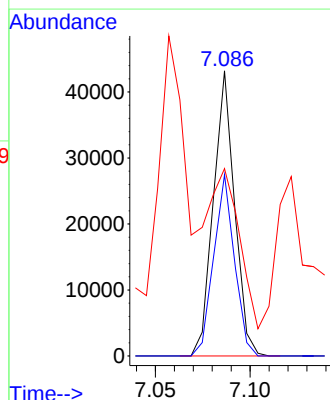
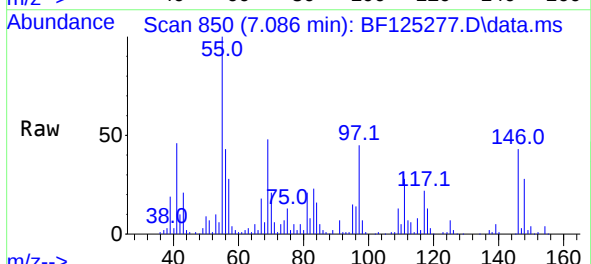
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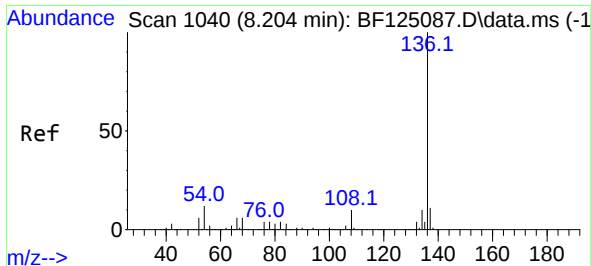
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#14
1,2-Dichlorobenzene
Concen: 2.503 ng
RT: 7.086 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion: 146 Resp: 33616
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 65.7 33.5 50.3#





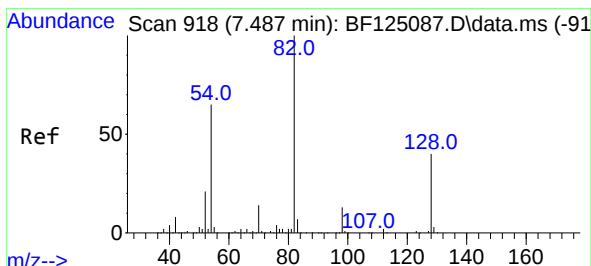
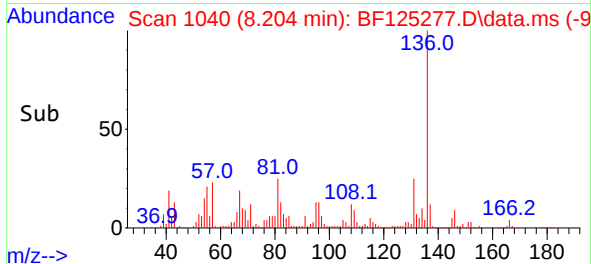
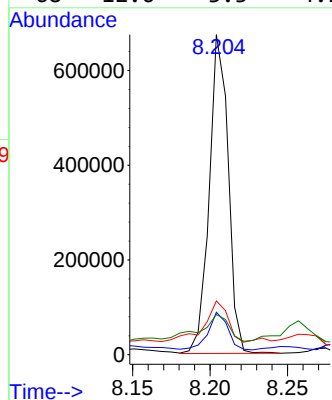
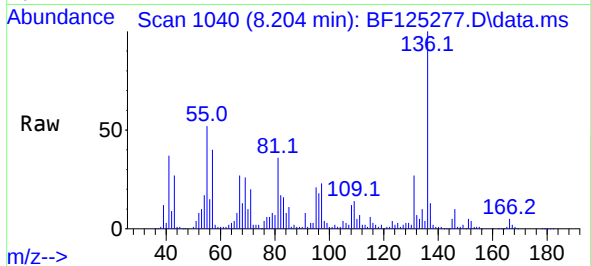
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion:	136	Resp:	573299
Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.8	14.6
54	16.8	6.4	9.6#
68	12.6	3.3	4.9#

Instrument :
BNA_F
ClientSampleId :
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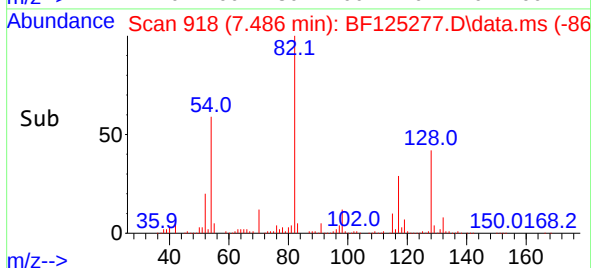
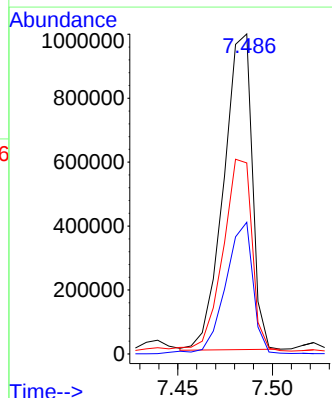
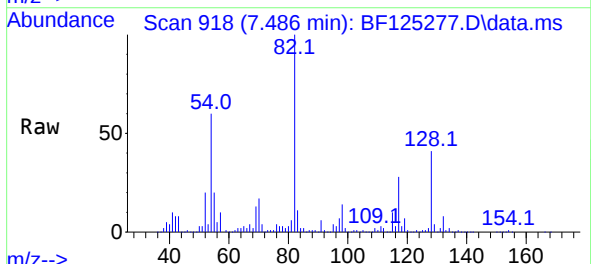
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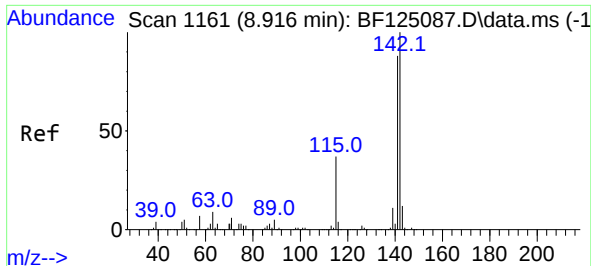
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#23
Nitrobenzene-d5
Concen: 90.906 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.006 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion:	82	Resp:	1035201
Ion	Ratio	Lower	Upper
82	100		
128	41.2	40.6	60.8
54	59.7	49.6	74.4





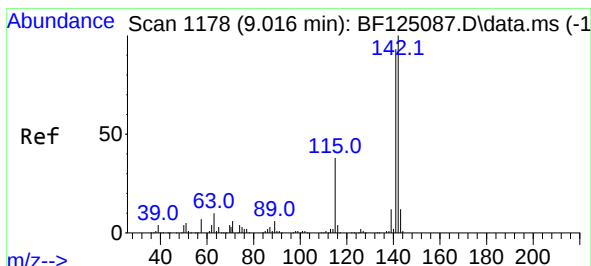
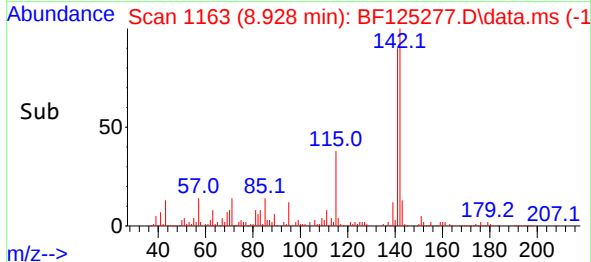
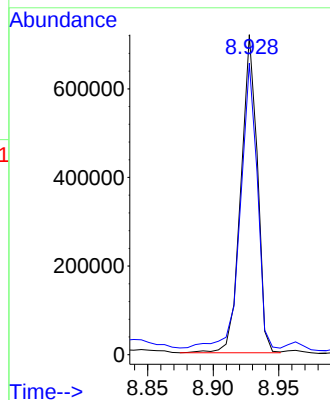
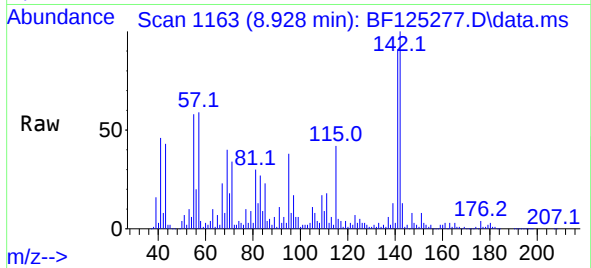
#37
2-Methylnaphthalene
Concen: 32.366 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion:142 Resp: 627962
Ion Ratio Lower Upper
142 100
141 91.1 71.2 106.8

Instrument :
BNA_F
ClientSampleId :
VE3-1

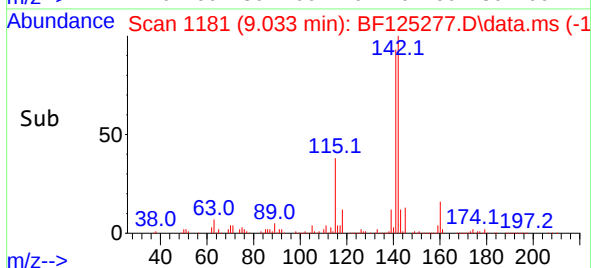
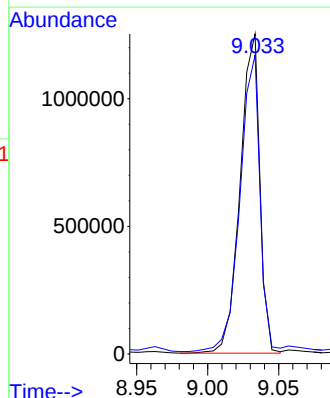
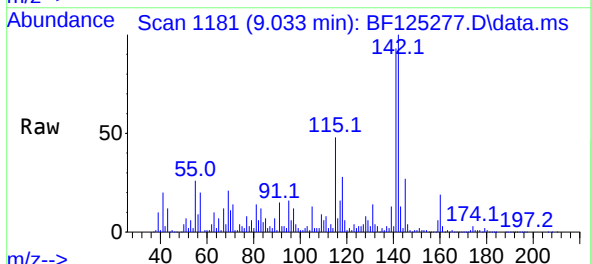
Manual Integrations
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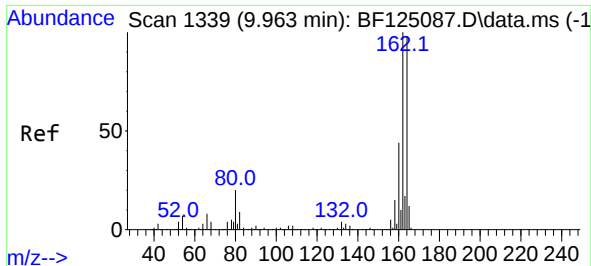
mohammad
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#38
1-Methylnaphthalene
Concen: 66.652 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.024 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

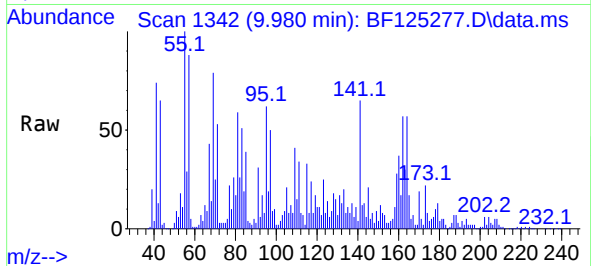
Tgt Ion:142 Resp: 1207589
Ion Ratio Lower Upper
142 100
141 93.4 76.0 114.0





#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.980 min Scan# 1342
Delta R.T. 0.029 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

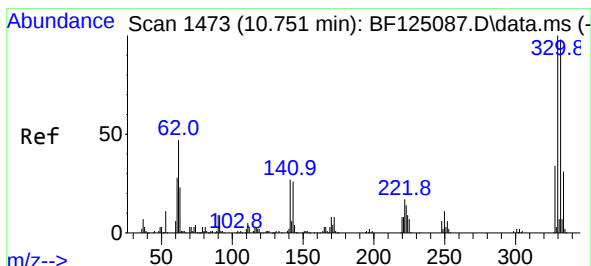
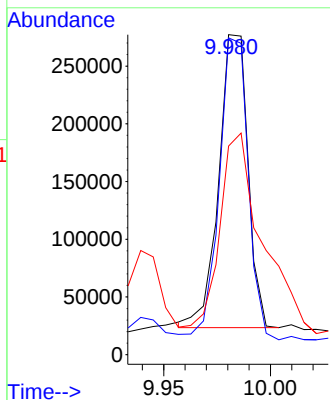
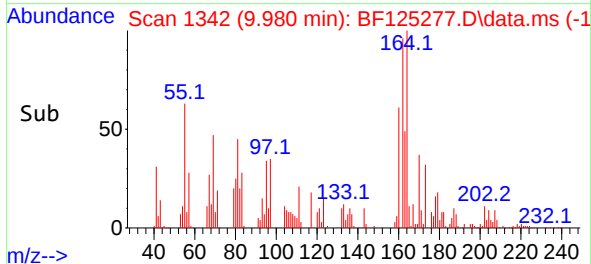
Instrument :
BNA_F
ClientSampled :
VE3-1



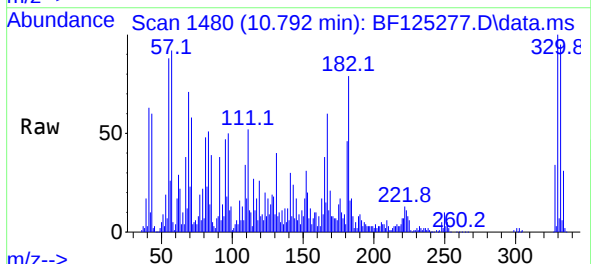
Tgt Ion:164 Resp: 241705
Ion Ratio Lower Upper
164 100
162 99.0 81.3 121.9
160 65.2 38.0 57.0#

Manual Integrations
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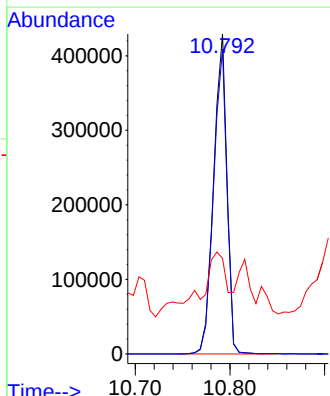
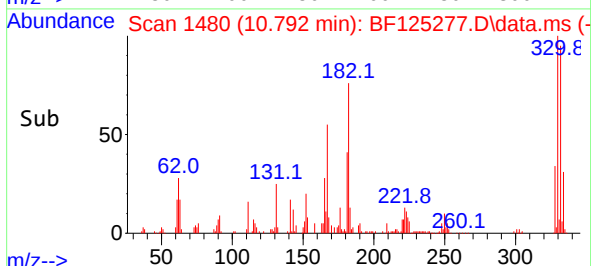
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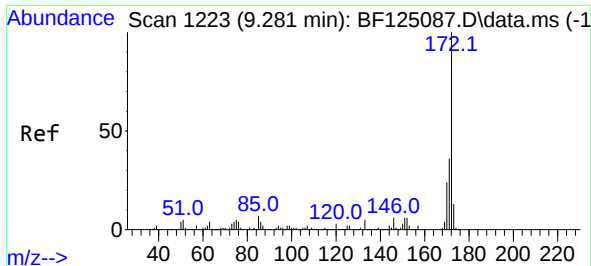


#42
2,4,6-Tribromophenol
Concen: 173.486 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.053 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10



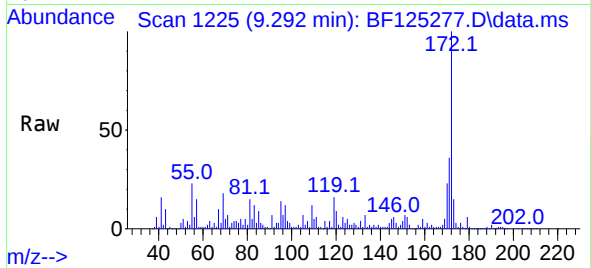
Tgt Ion:330 Resp: 418578
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 39.8 44.6 66.8#





#45
2-Fluorobiphenyl
Concen: 83.888 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.018 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

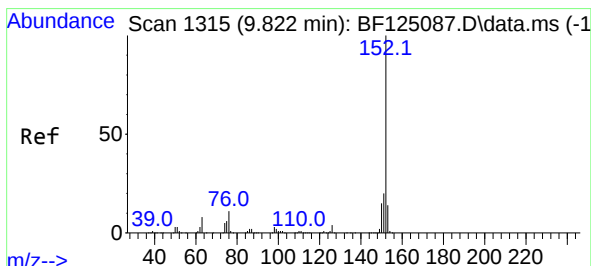
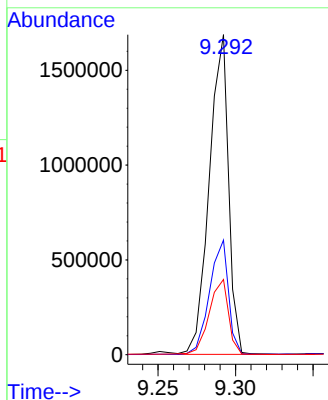
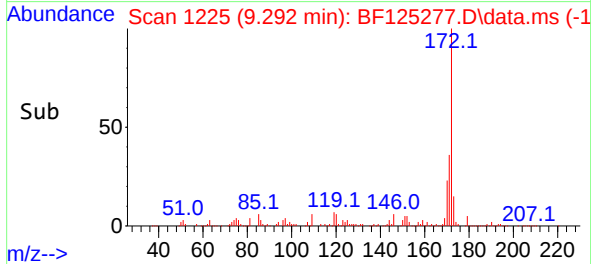
Instrument :
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ClientSampled :
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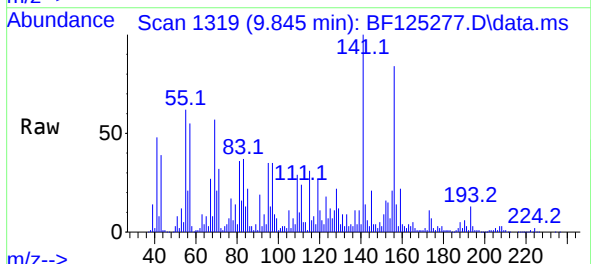
Tgt Ion:172 Resp: 1454818
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.5 18.8 28.2

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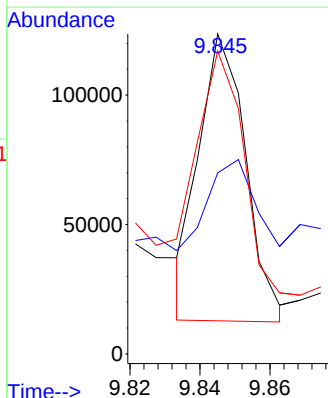
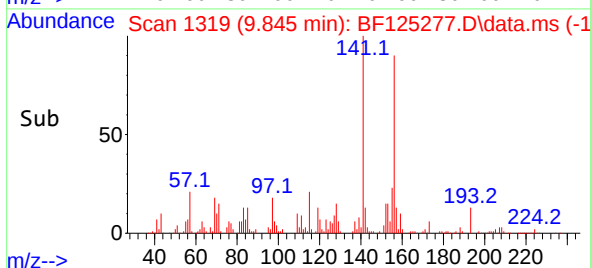
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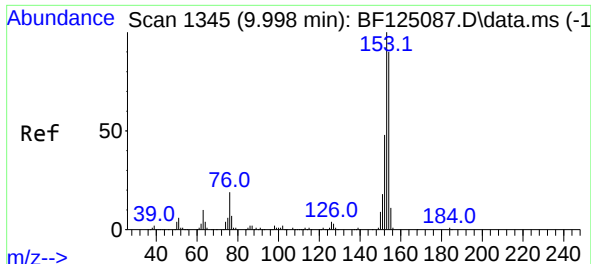


#49
Acenaphthylene
Concen: 4.436 ng m
RT: 9.845 min Scan# 1319
Delta R.T. 0.029 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10



Tgt Ion:152 Resp: 102356
Ion Ratio Lower Upper
152 100
151 56.6 15.7 23.5#
153 94.6 9.8 14.8#





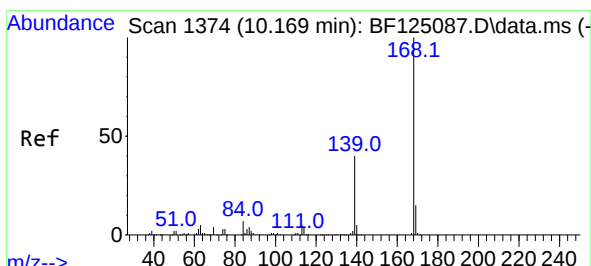
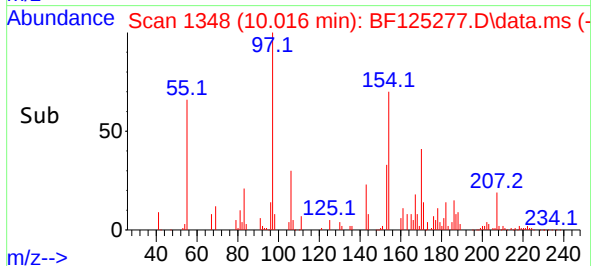
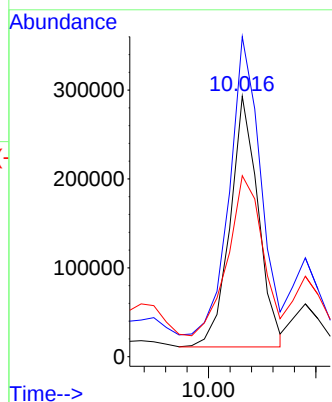
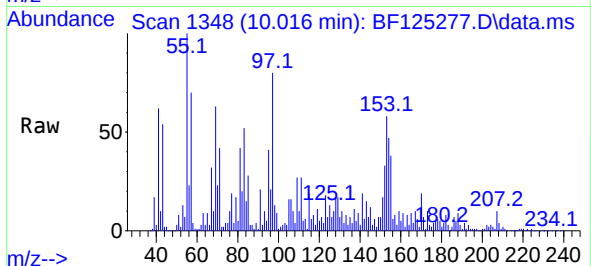
#52
Acenaphthene
Concen: 18.031 ng m
RT: 10.016 min Scan# 1348
Delta R.T. 0.029 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Instrument :
BNA_F
ClientSampled :
VE3-1

Tgt Ion:154 Resp: 257926
Ion Ratio Lower Upper
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153 122.8 89.4 134.2
152 69.5 40.5 60.7#

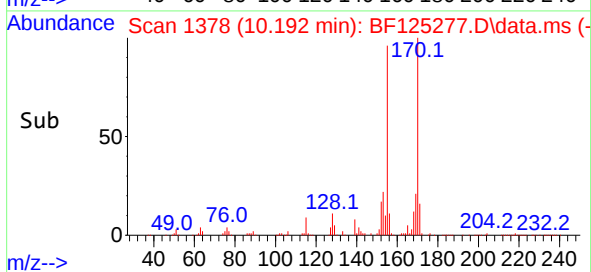
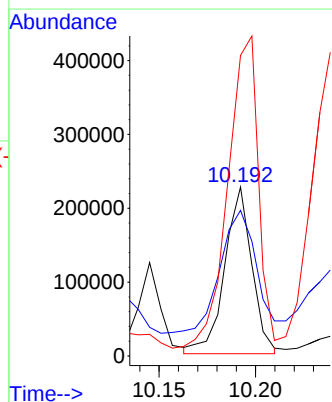
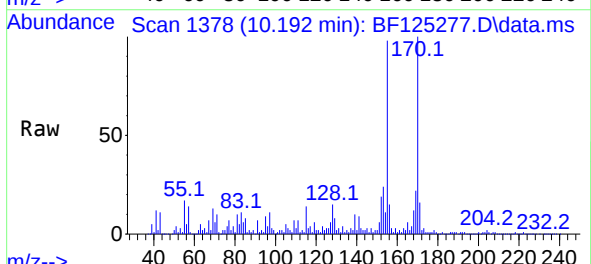
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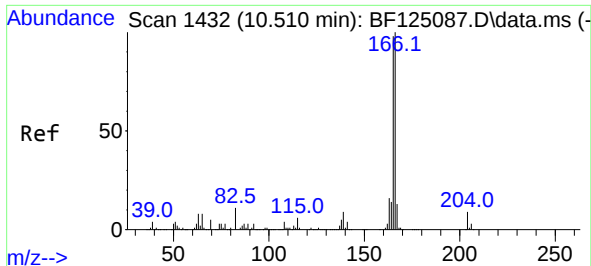
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#55
Dibenzofuran
Concen: 10.774 ng m
RT: 10.192 min Scan# 1378
Delta R.T. 0.035 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion:168 Resp: 221798
Ion Ratio Lower Upper
168 100
139 86.2 32.7 49.1#
169 177.9 11.2 16.8#





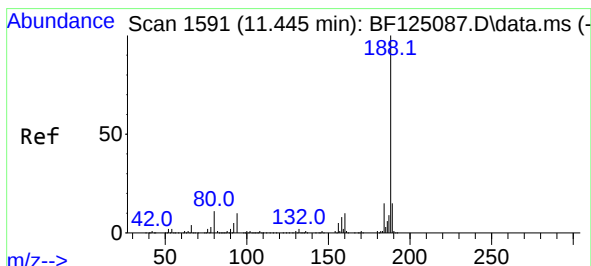
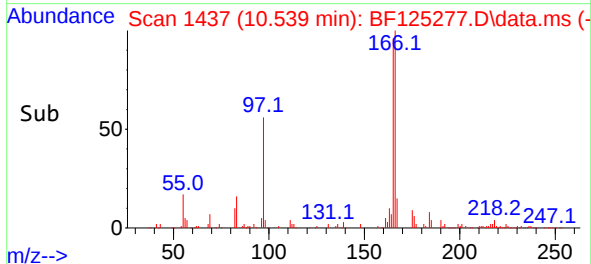
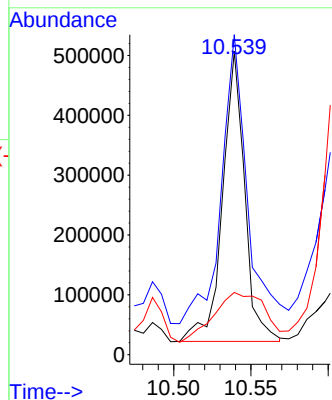
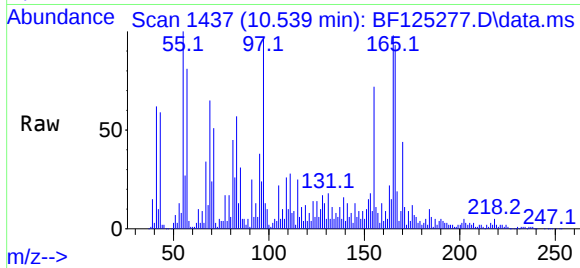
#58
Fluorene
Concen: 31.747 ng m
RT: 10.539 min Scan# 1437
Delta R.T. 0.035 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:166 Resp: 483203
Ion Ratio Lower Upper
166 100
165 105.4 78.1 117.1
167 20.5 11.1 16.7#

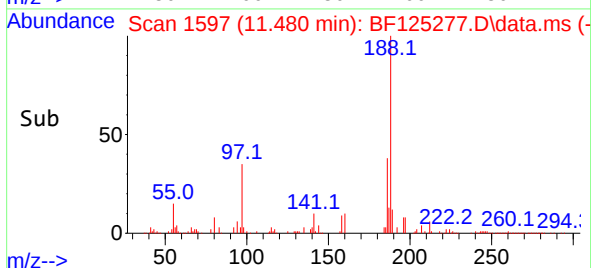
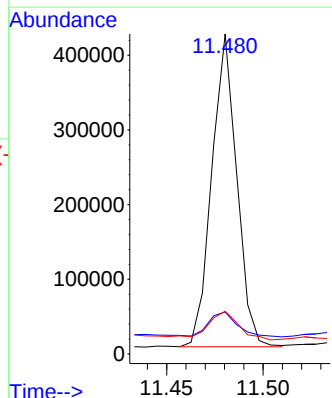
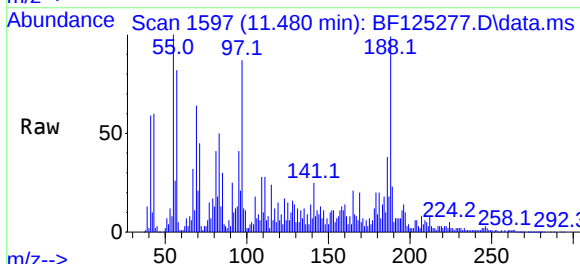
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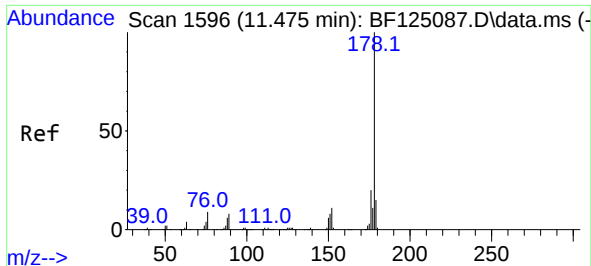
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#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.480 min Scan# 1597
Delta R.T. 0.041 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion:188 Resp: 379114
Ion Ratio Lower Upper
188 100
94 13.1 6.7 10.1#
80 13.3 7.5 11.3#





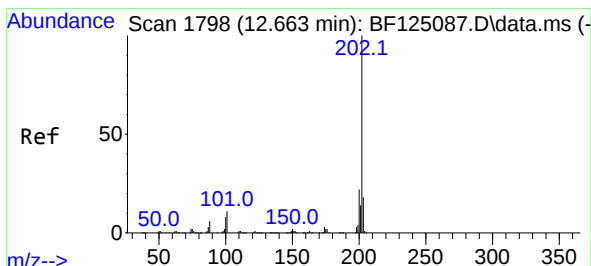
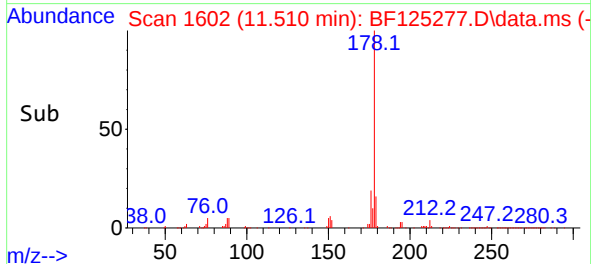
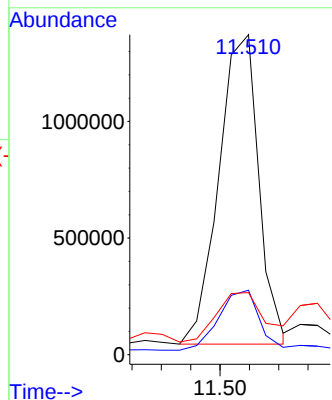
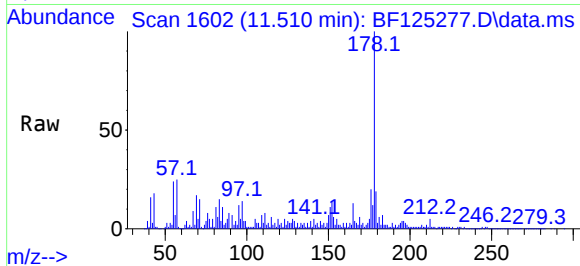
#71
Phenanthrene
Concen: 59.936 ng m
RT: 11.510 min Scan# 1602
Delta R.T. 0.047 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion:178 Resp: 1252024
Ion Ratio Lower Upper
178 100
176 20.1 14.7 22.1
179 19.4 11.5 17.3#

Instrument :
BNA_F
ClientSampled :
VE3-1

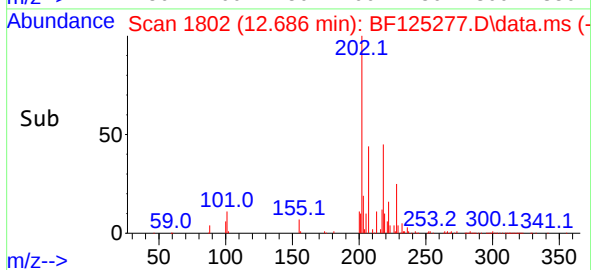
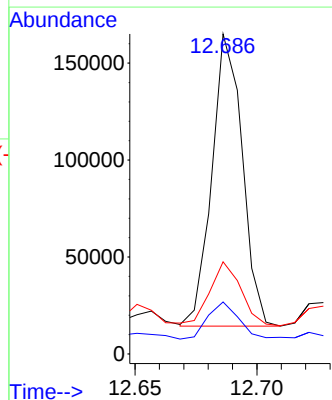
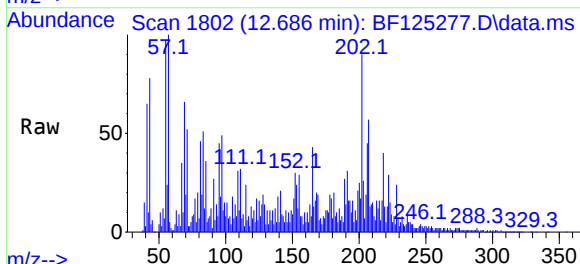
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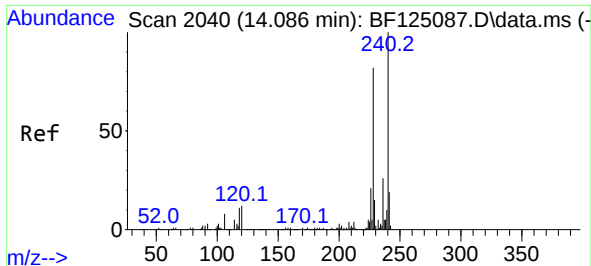
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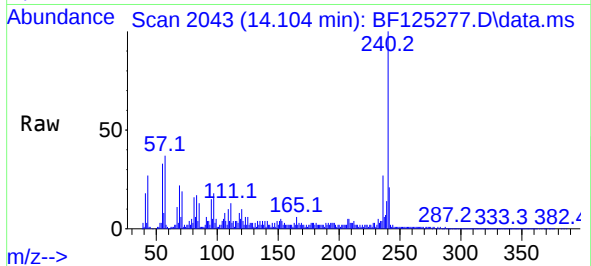
#75
Fluoranthene
Concen: 6.310 ng m
RT: 12.686 min Scan# 1802
Delta R.T. 0.035 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

Tgt Ion:202 Resp: 130792
Ion Ratio Lower Upper
202 100
101 16.3 0.0 30.7
203 28.8 0.0 36.3

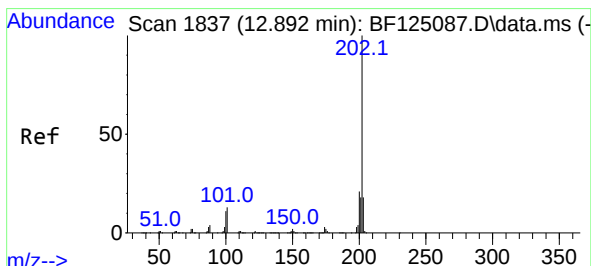
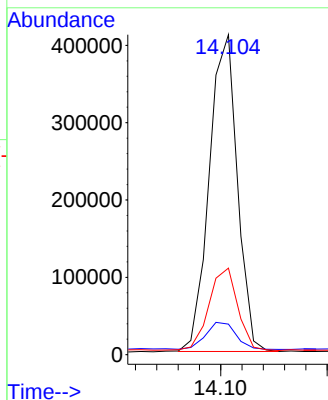
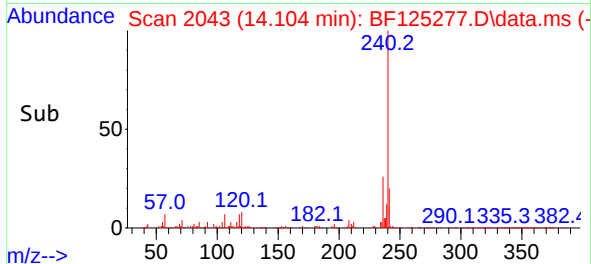




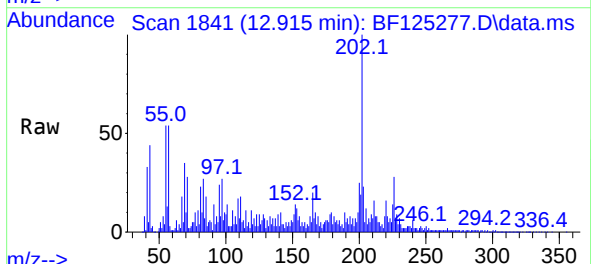
#76
Chrysene-d12
Concen: 20.000 ng m
RT: 14.104 min Scan# 2043
Delta R.T. 0.024 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10



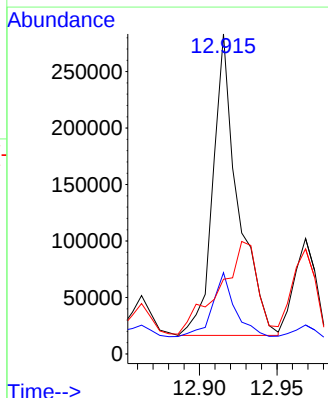
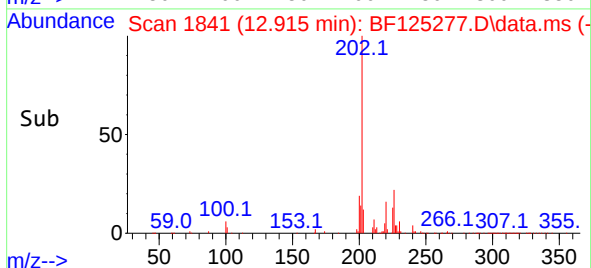
Tgt Ion:240 Resp: 375588
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 27.1 21.6 32.4



#78
Pyrene
Concen: 9.328 ng m
RT: 12.915 min Scan# 1841
Delta R.T. 0.029 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10



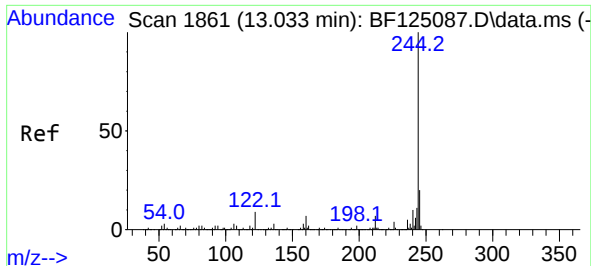
Tgt Ion:202 Resp: 300524
Ion Ratio Lower Upper
202 100
200 25.4 15.3 22.9#
203 23.4 13.4 20.0#



Instrument :
BNA_F
ClientSampled :
VE3-1

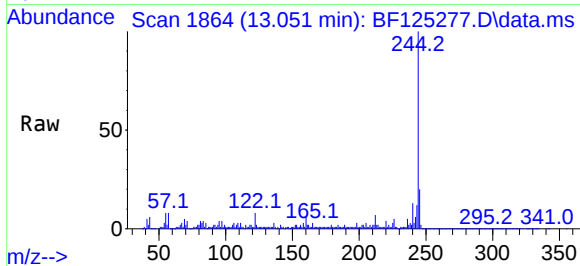
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#79
Terphenyl-d14
Concen: 61.093 ng m
RT: 13.051 min Scan# 1864
Delta R.T. 0.029 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10

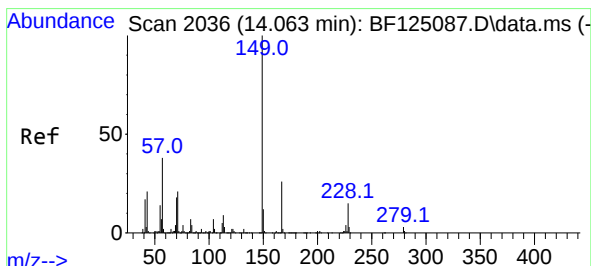
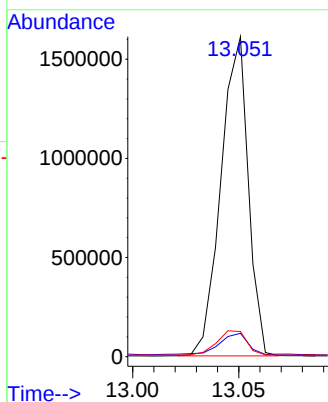
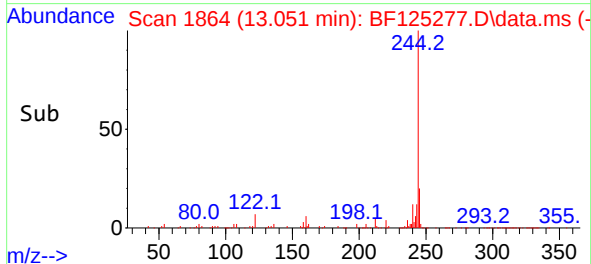
Instrument :
BNA_F
ClientSampled :
VE3-1



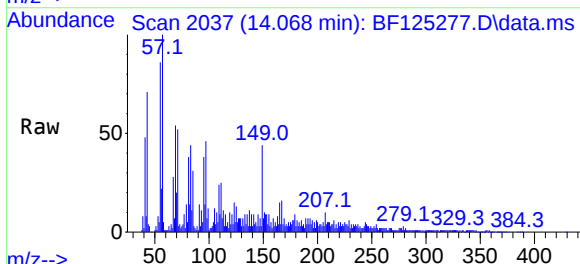
Tgt Ion:244 Resp: 1440344
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 7.9 9.0 13.4#

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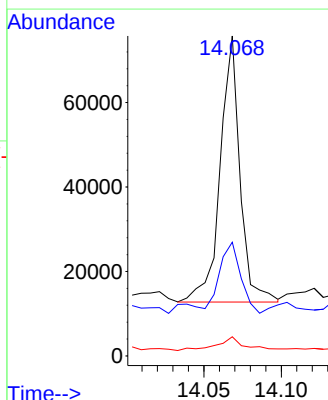
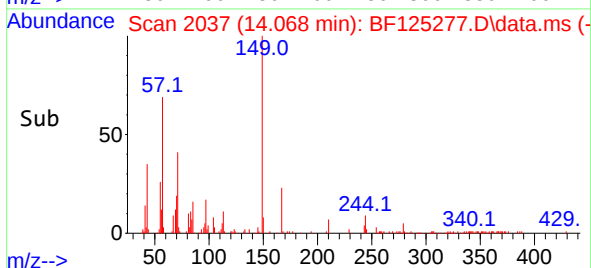
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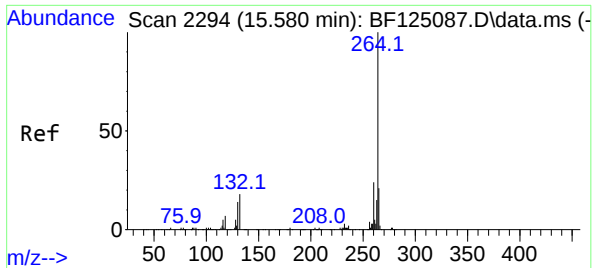


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.229 ng m
RT: 14.068 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BF125277.D
Acq: 30 Aug 2021 23:10



Tgt Ion:149 Resp: 56189
Ion Ratio Lower Upper
149 100
167 35.5 21.4 32.0#
279 6.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 15.609 min Scan# 2299
 Delta R.T. 0.035 min
 Lab File: BF125277.D
 Acq: 30 Aug 2021 23:10

Tgt Ion:	264	Resp:	302617
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.1	17.2	25.8

Instrument :
 BNA_F
 ClientSampleId :
 VE3-1

Manual Integrations
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