

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125665.D
 Acq On : 25 Sep 2021 19:39
 Operator : JU/CG
 Sample : M3941-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124019

Manual Integrations
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Quant Time: Sep 27 01:23:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	164186	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	652392	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	326659	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	483544	20.000	ng	0.00
76) Chrysene-d12	14.039	240	386493	20.000	ng	0.00
86) Perylene-d12	15.515	264	399234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1064238	106.794	ng	0.00
7) Phenol-d6	6.504	99	1289237	96.229	ng	0.00
23) Nitrobenzene-d5	7.445	82	755383	80.761	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	323475	106.208	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1419709	76.802	ng	0.00
79) Terphenyl-d14	12.992	244	1120238	50.195	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	243330	8.974	ng	100
72) Anthracene	11.480	178	73731	2.752	ng	99
75) Fluoranthene	12.616	202	480442	16.579	ng	98
78) Pyrene	12.845	202	407770	11.674	ng	97
81) Benzo(a)anthracene	14.033	228	200620	7.642	ng	97
83) Chrysene	14.063	228	195660	7.426	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	112831	8.521	ng	99
88) Benzo(b)fluoranthene	15.080	252	237931m	8.506	ng	
89) Benzo(k)fluoranthene	15.109	252	59027m	2.203	ng	
90) Benzo(a)pyrene	15.451	252	128848	5.175	ng	97

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

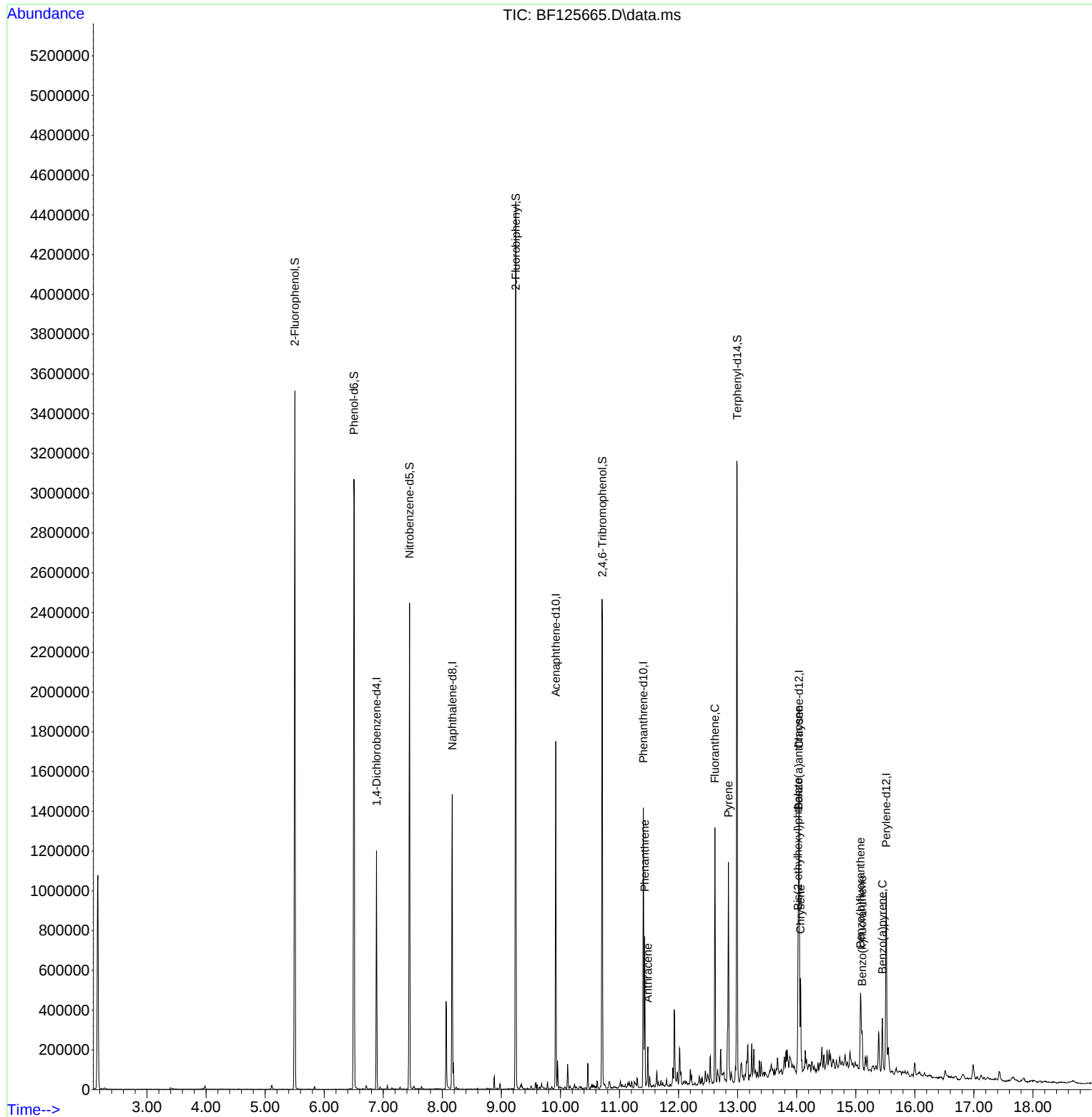
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125665.D
Acq On : 25 Sep 2021 19:39
Operator : JU/CG
Sample : M3941-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

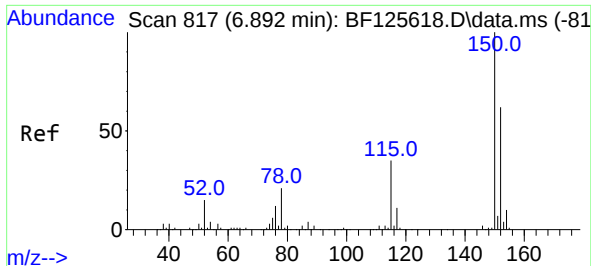
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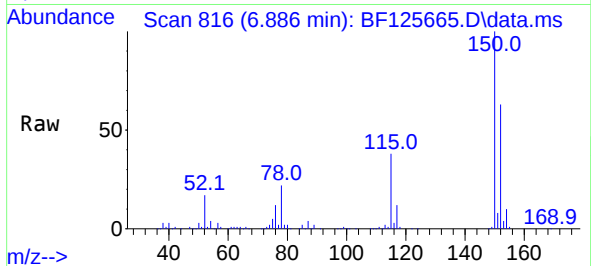
Quant Time: Sep 27 01:23:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

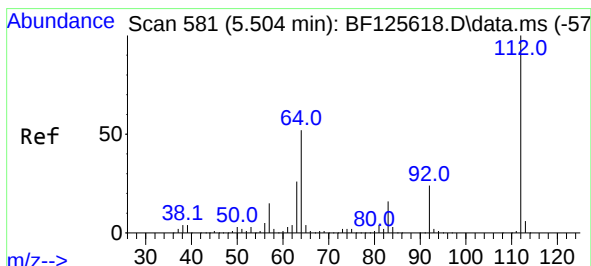
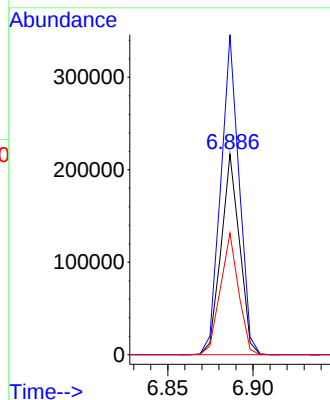
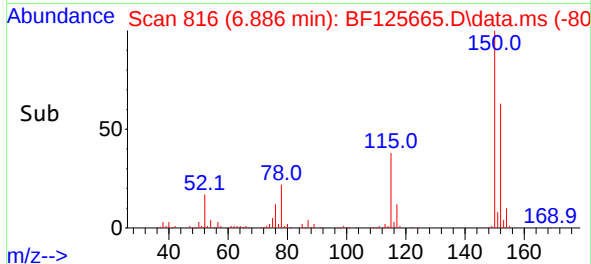
Instrument :
BNA_F
ClientSampled :
124019



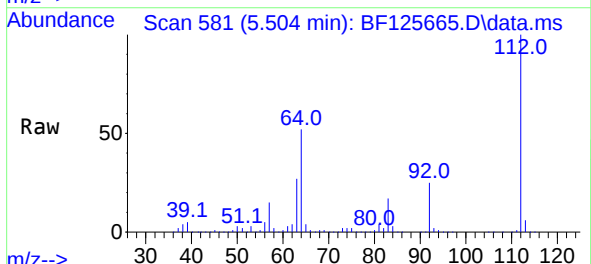
Tgt Ion:152 Resp: 164186
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 60.6 47.1 70.7

Manual Integrations
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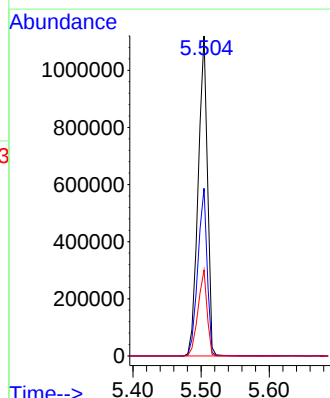
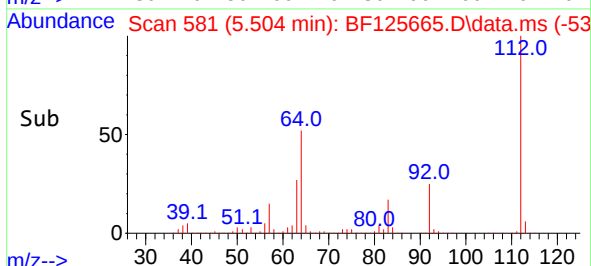
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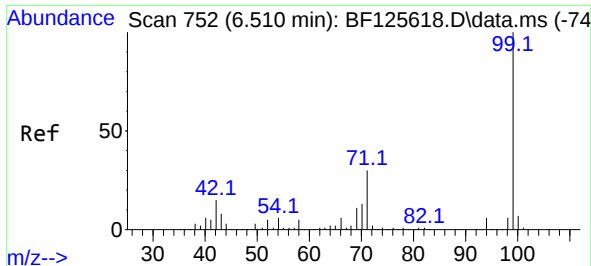


#5
2-Fluorophenol
Concen: 106.794 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

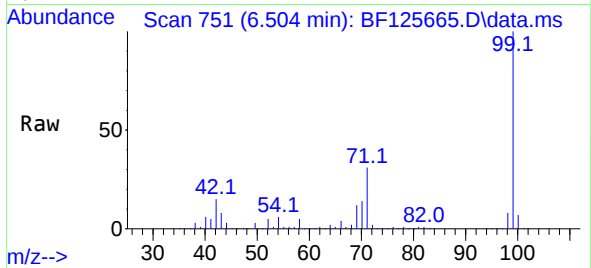


Tgt Ion:112 Resp: 1064238
Ion Ratio Lower Upper
112 100
64 52.4 44.2 66.2
63 26.8 26.2 39.2

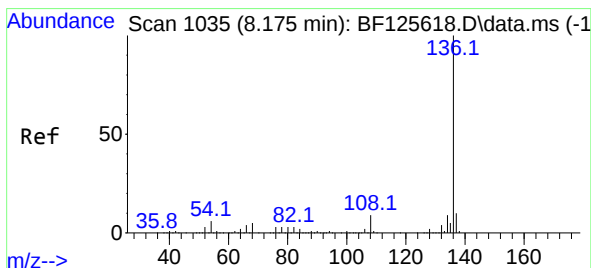
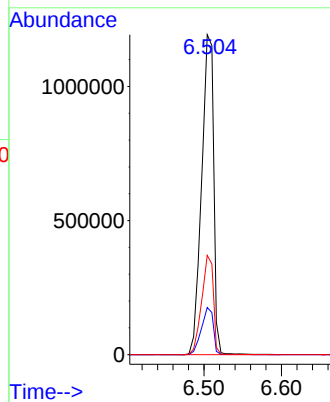
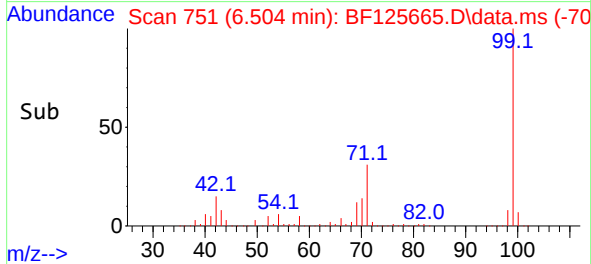




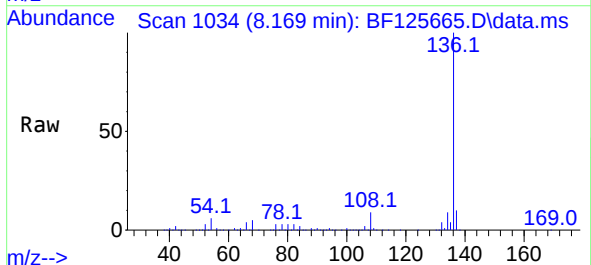
#7
Phenol-d6
Concen: 96.229 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39



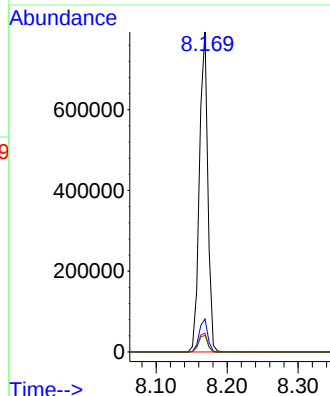
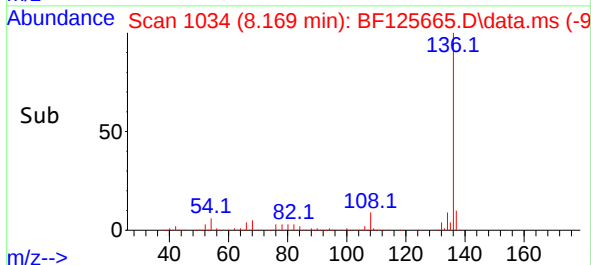
Tgt Ion: 99 Resp: 1289237
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 31.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39



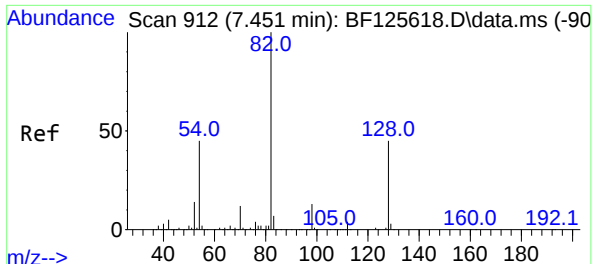
Tgt Ion: 136 Resp: 652392
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 5.9 6.4 9.6#
68 5.2 3.3 4.9#



Instrument :
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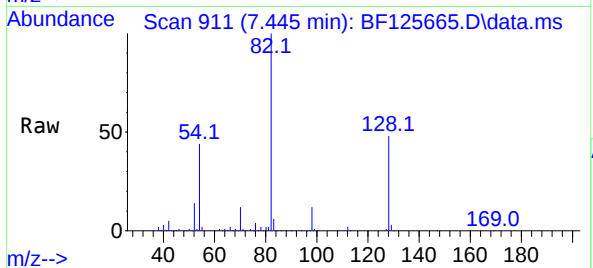
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#23
Nitrobenzene-d5
Concen: 80.761 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

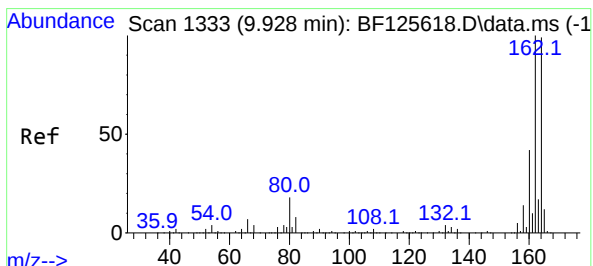
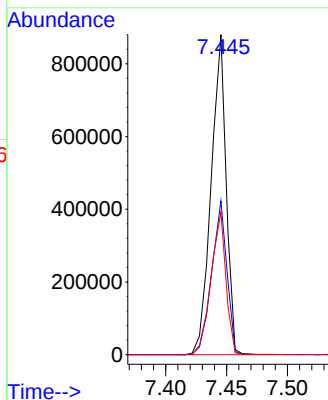
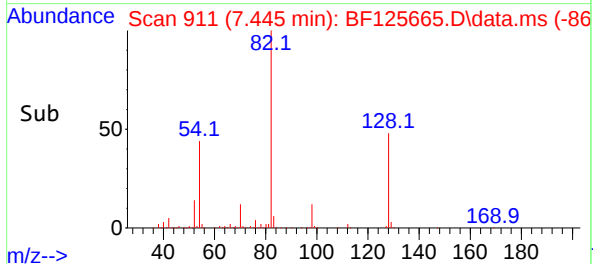
Instrument :
BNA_F
ClientSampled :
124019



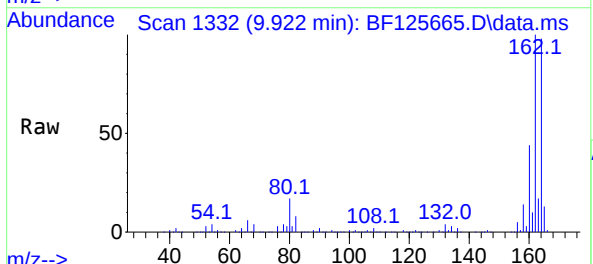
Tgt Ion: 82 Resp: 755383
Ion Ratio Lower Upper
82 100
128 48.1 40.6 60.8
54 44.5 49.6 74.4#

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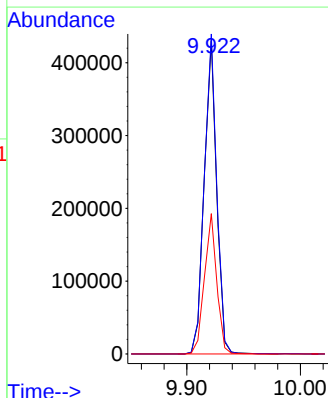
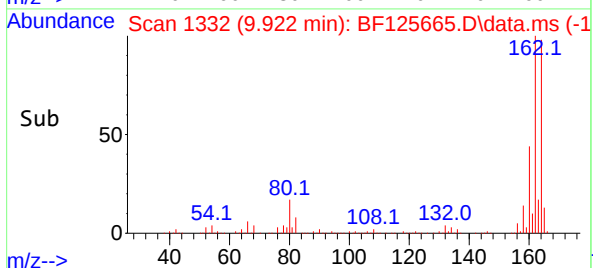
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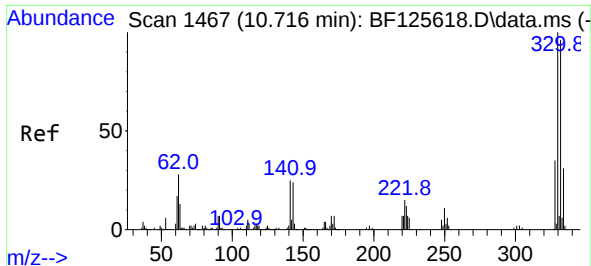


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39



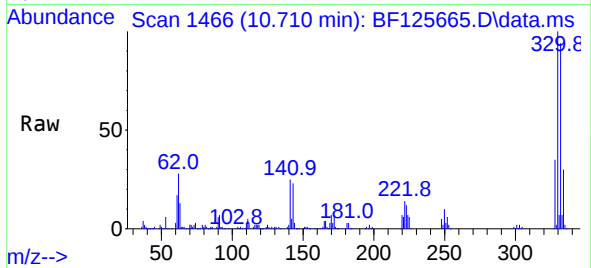
Tgt Ion: 164 Resp: 326659
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 44.8 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 106.208 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

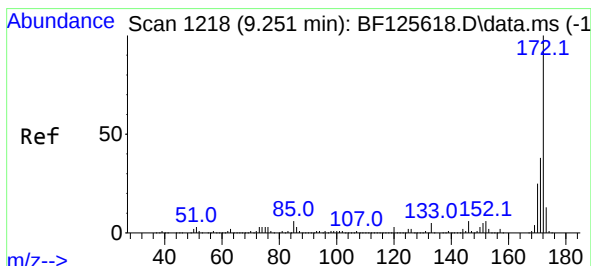
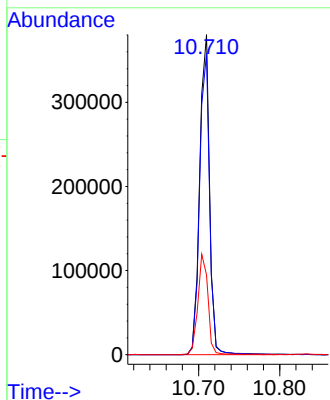
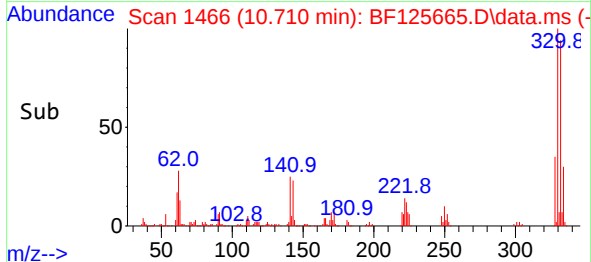
Instrument :
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ClientSampled :
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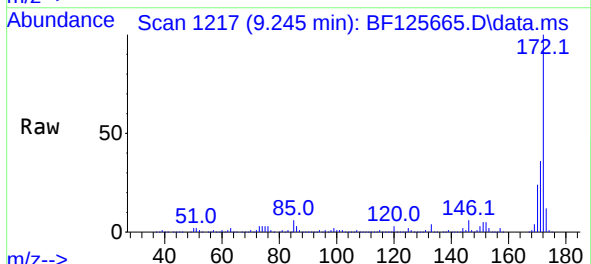
Tgt Ion:330 Resp: 323475
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 32.2 44.6 66.8#

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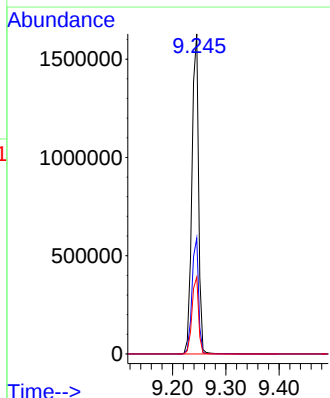
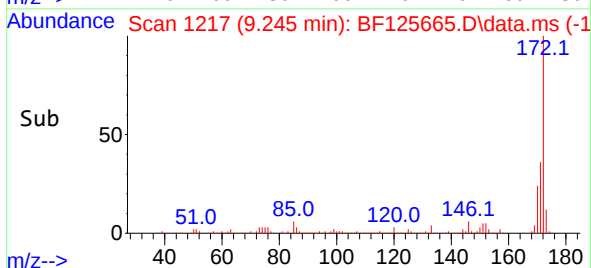
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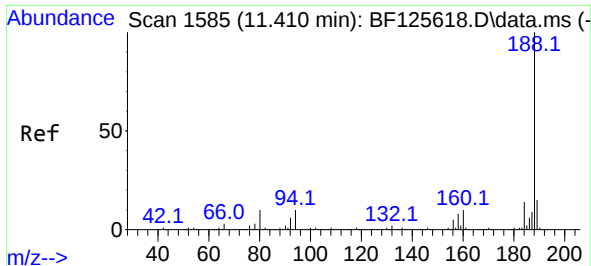


#45
2-Fluorobiphenyl
Concen: 76.802 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39



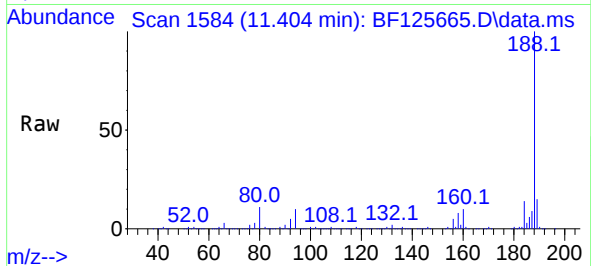
Tgt Ion:172 Resp: 1419709
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 24.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

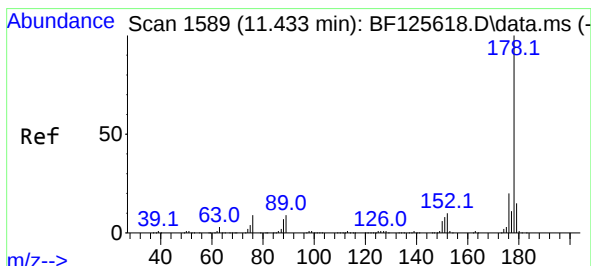
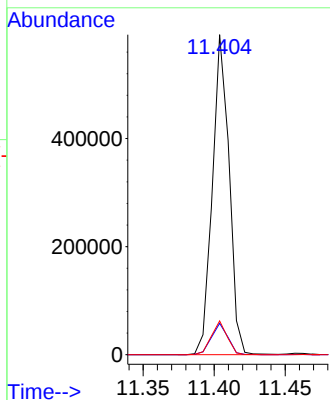
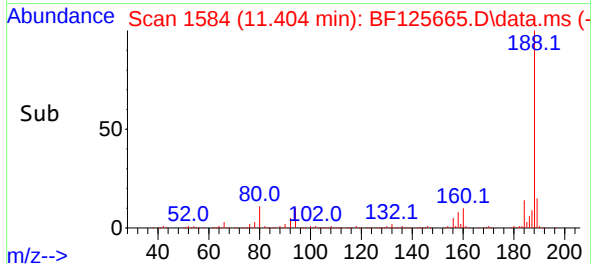
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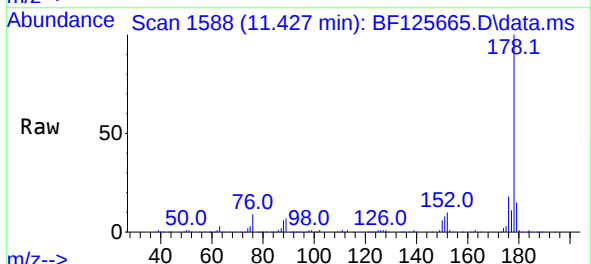
Tgt Ion:188 Resp: 483544
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.5 7.5 11.3

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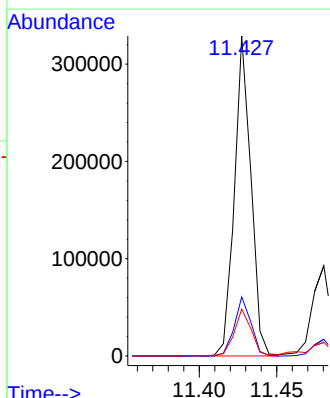
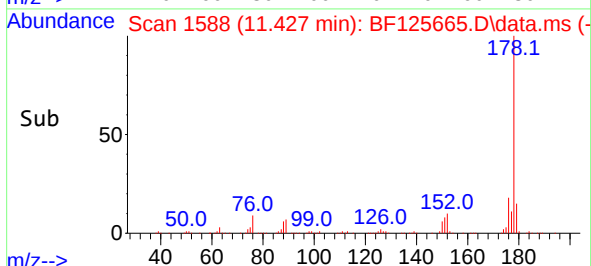
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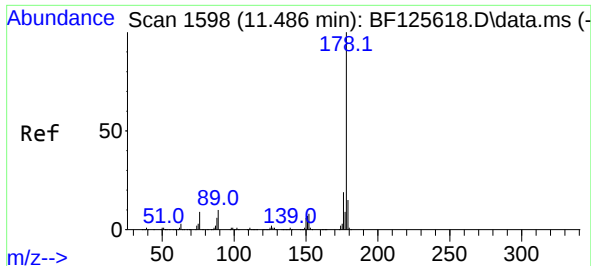


#71
Phenanthrene
Concen: 8.974 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

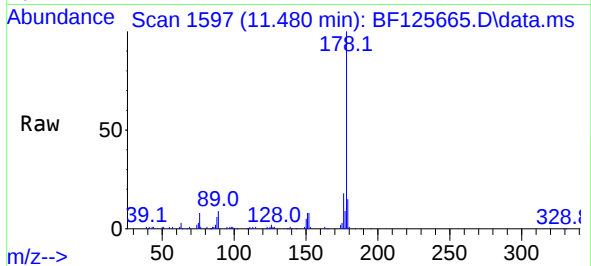


Tgt Ion:178 Resp: 243330
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 14.6 11.5 17.3

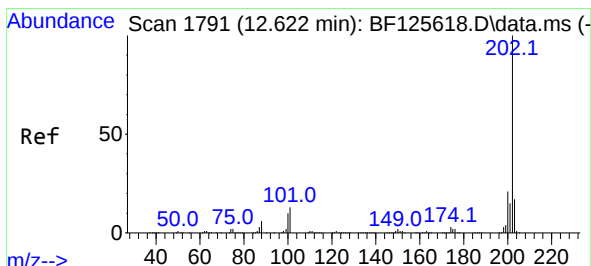
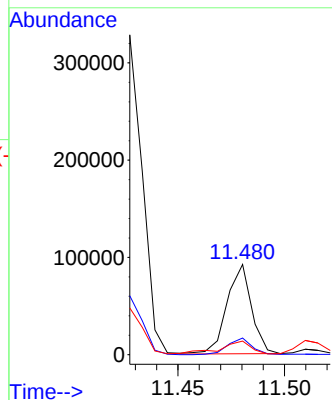
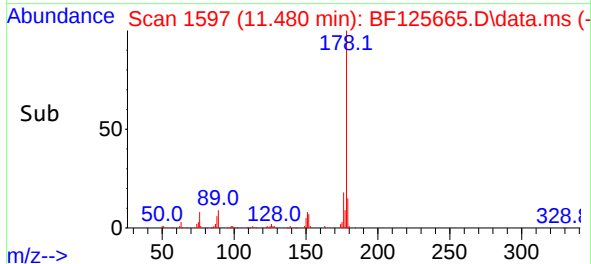




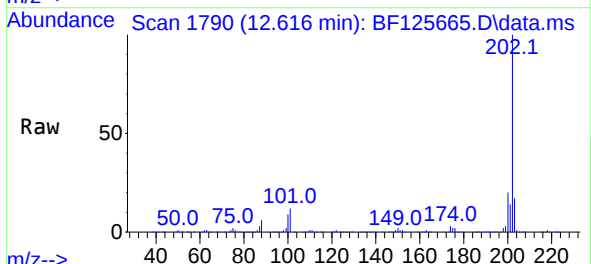
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 Anthracene
 Concen: 2.752 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BF125665.D
 Acq: 25 Sep 2021 19:39



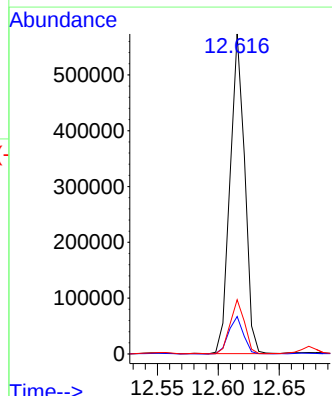
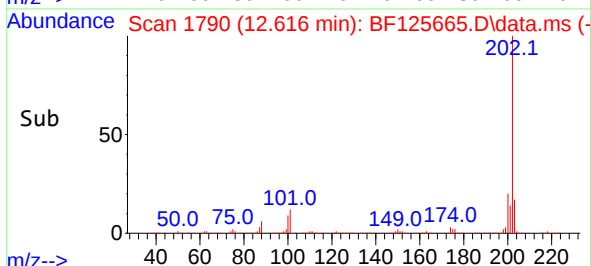
Tgt Ion:178 Resp: 73731
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.3 21.5
 179 15.2 12.2 18.4



#75
 Fluoranthene
 Concen: 16.579 ng
 RT: 12.616 min Scan# 1790
 Delta R.T. -0.006 min
 Lab File: BF125665.D
 Acq: 25 Sep 2021 19:39



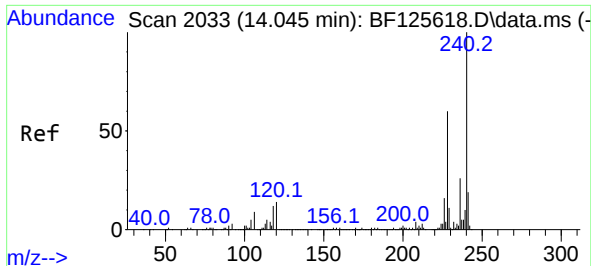
Tgt Ion:202 Resp: 480442
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.7
 203 16.9 0.0 36.3



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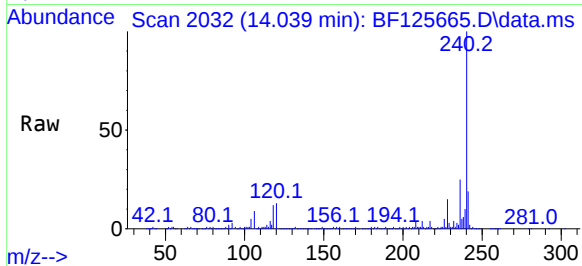
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

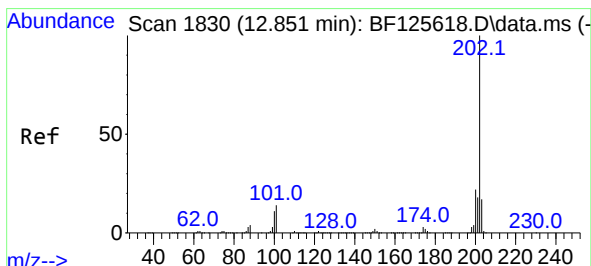
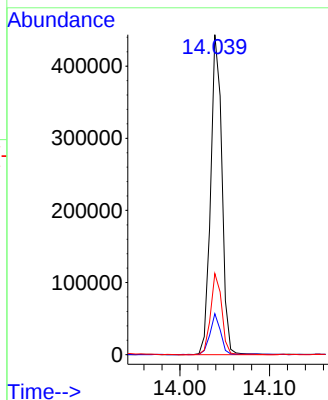
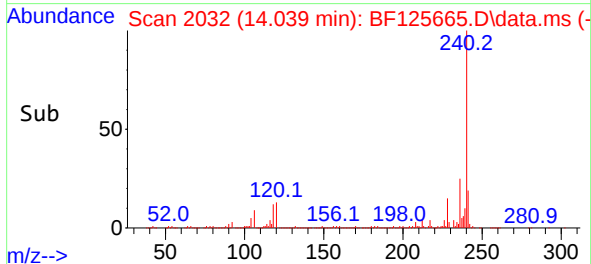
Instrument :
BNA_F
ClientSampled :
124019



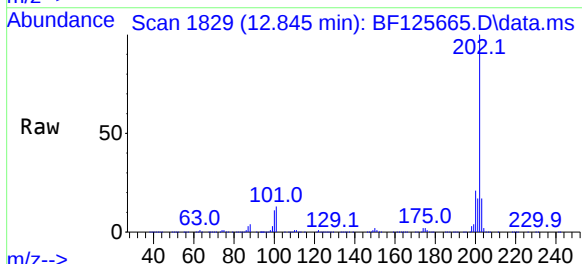
Tgt Ion:240 Resp: 386493
Ion Ratio Lower Upper
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120 12.8 10.8 16.2
236 25.4 21.6 32.4

Manual Integrations
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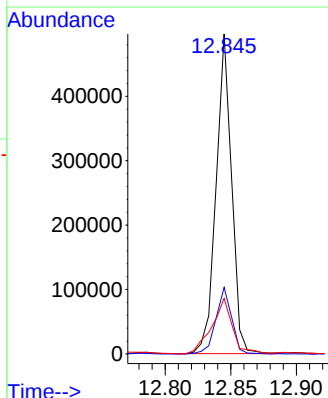
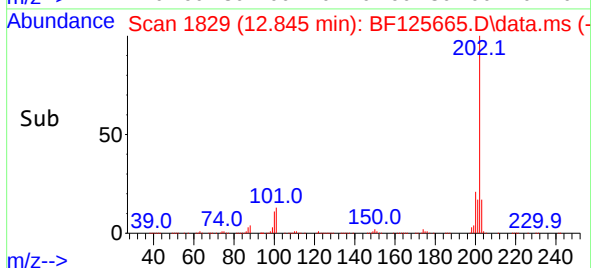
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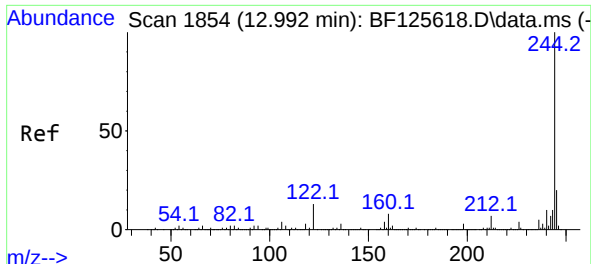


#78
Pyrene
Concen: 11.674 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39



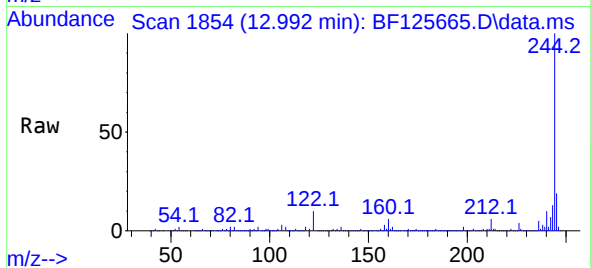
Tgt Ion:202 Resp: 407770
Ion Ratio Lower Upper
202 100
200 20.8 15.3 22.9
203 17.4 13.4 20.0





#79
Terphenyl-d14
Concen: 50.195 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

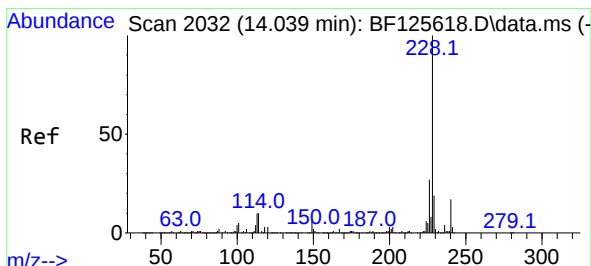
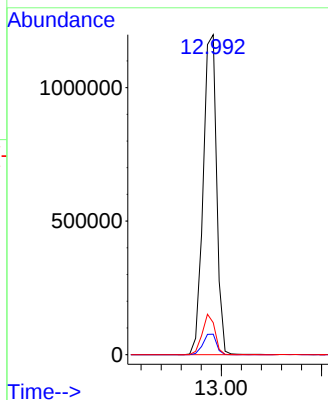
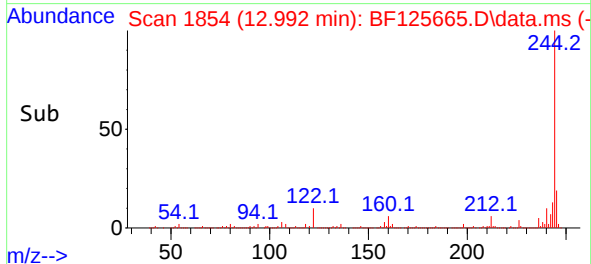
Instrument :
BNA_F
ClientSampleId :
124019



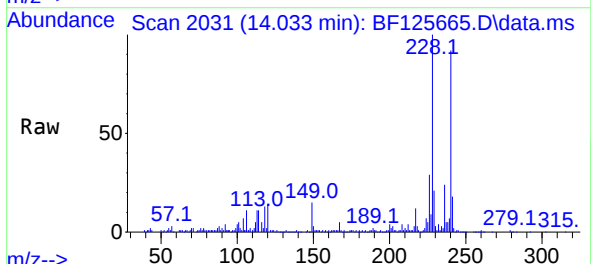
Tgt Ion:244 Resp: 1120238
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 10.0 9.0 13.4

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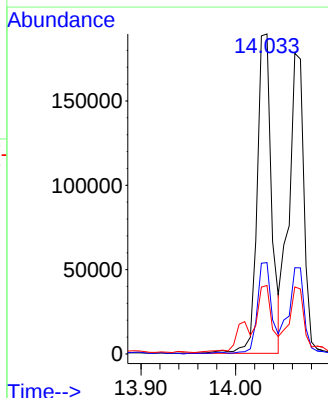
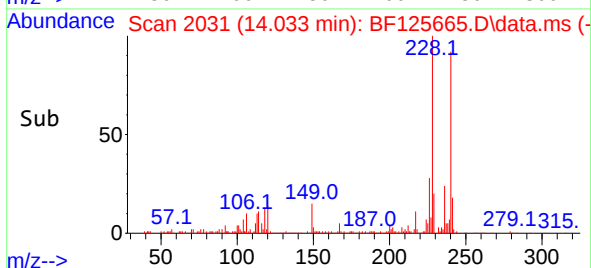
mohammad
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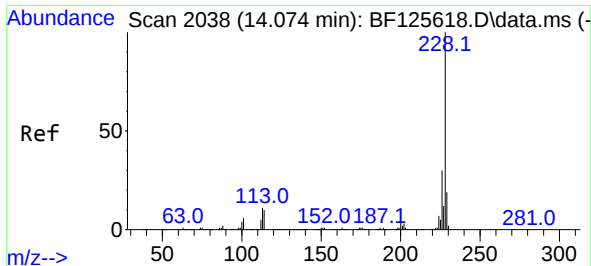


#81
Benzo(a)anthracene
Concen: 7.642 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39



Tgt Ion:228 Resp: 200620
Ion Ratio Lower Upper
228 100
226 28.5 21.6 32.4
229 21.4 15.6 23.4





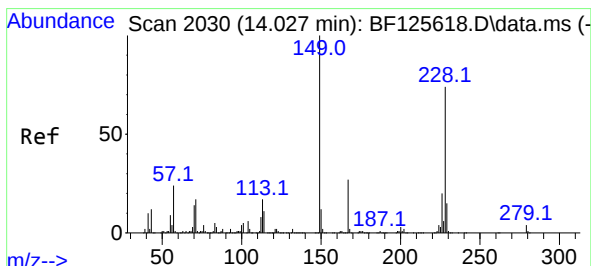
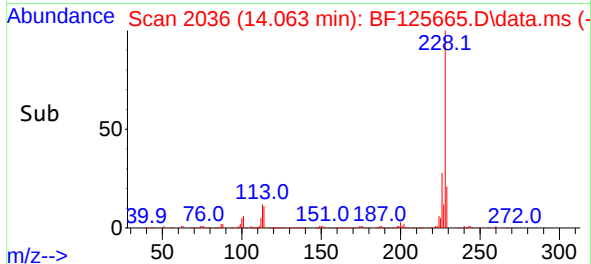
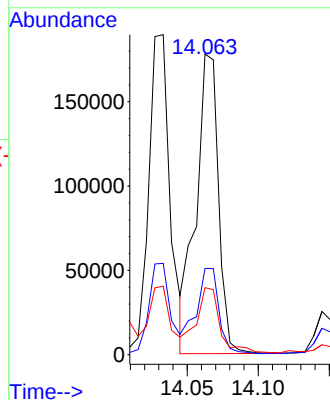
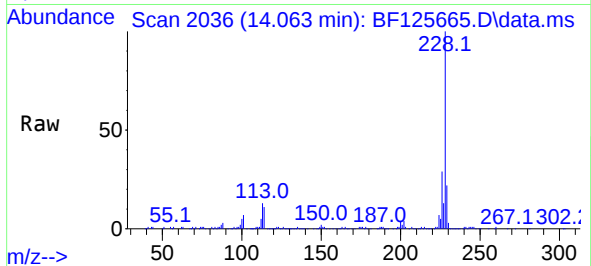
#83
Chrysene
Concen: 7.426 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.011 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

Tgt Ion: 228 Resp: 195660
Ion Ratio Lower Upper
228 100
226 28.7 22.6 34.0
229 22.3 15.9 23.9

Instrument :
BNA_F
ClientSampled :
124019

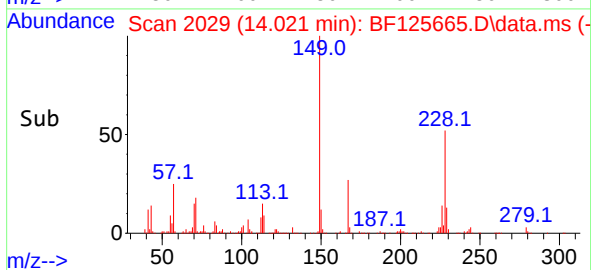
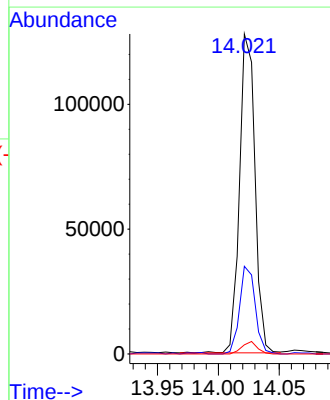
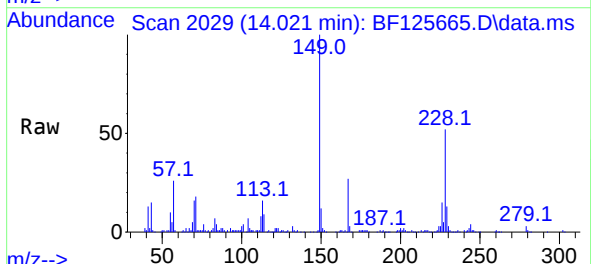
Manual Integrations
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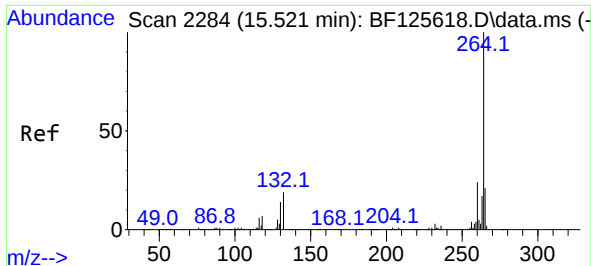
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#84
Bis(2-ethylhexyl)phthalate
Concen: 8.521 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

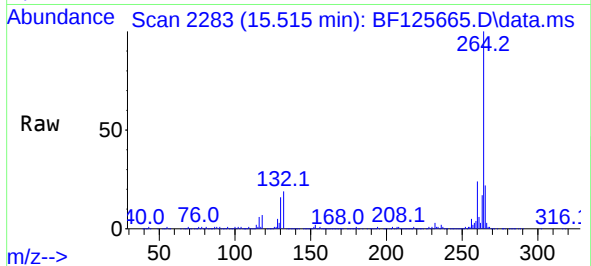
Tgt Ion: 149 Resp: 112831
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 2.9 2.6 4.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

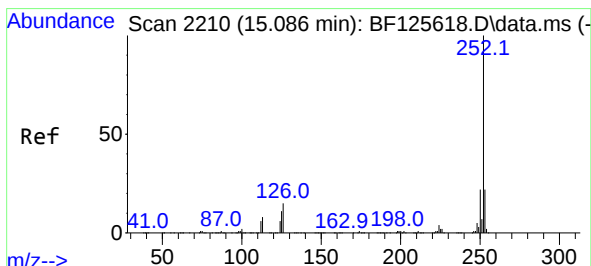
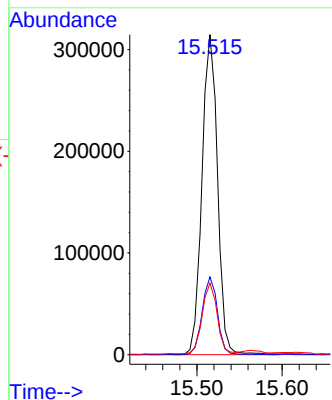
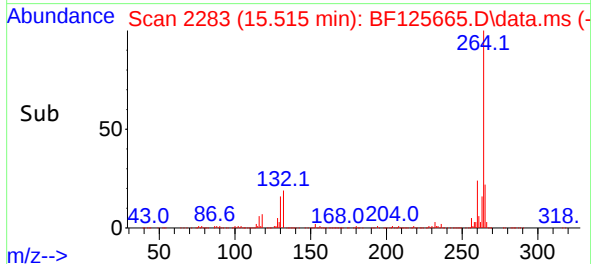
Instrument :
BNA_F
ClientSampleId :
124019



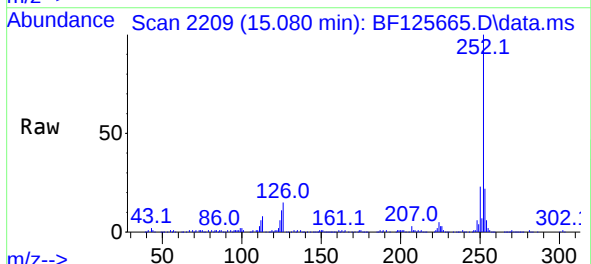
Tgt Ion:264 Resp: 399234
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.4 17.2 25.8

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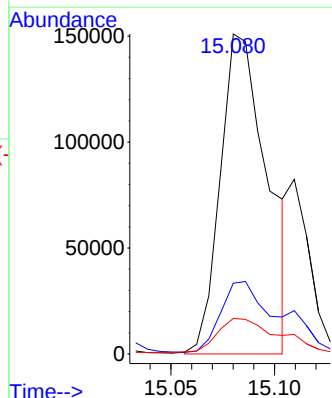
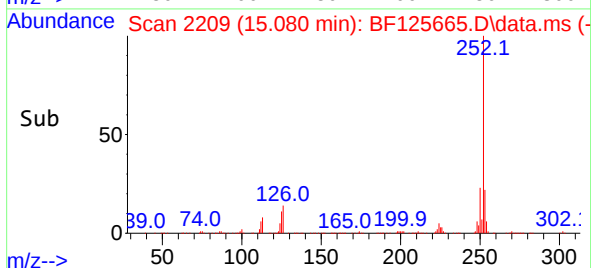
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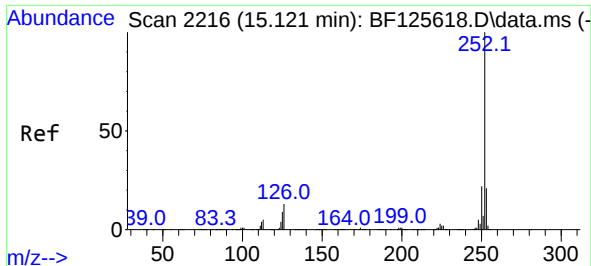


#88
Benzo(b)fluoranthene
Concen: 8.506 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39



Tgt Ion:252 Resp: 237931
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 11.1 9.8 14.8





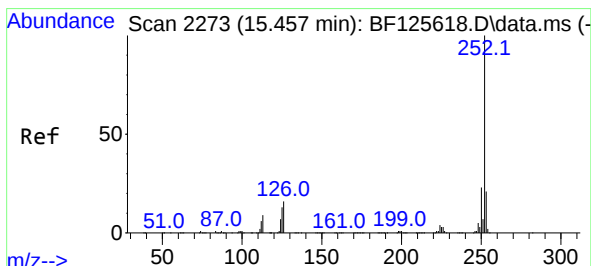
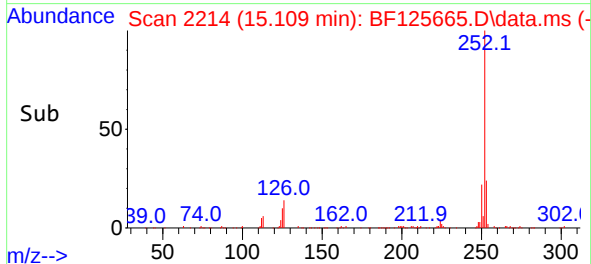
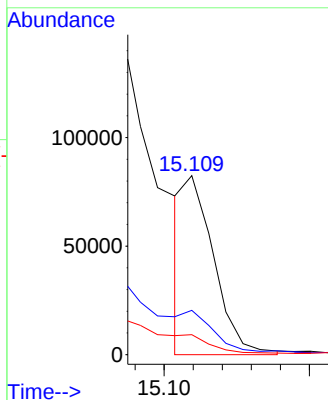
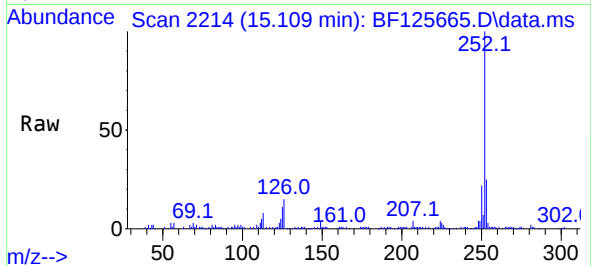
#89
Benzo(k)fluoranthene
Concen: 2.203 ng m
RT: 15.109 min Scan# 2214
Delta R.T. -0.012 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	11.1	7.2	10.8#

Instrument :
BNA_F
ClientSampleId :
124019

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 5.175 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF125665.D
Acq: 25 Sep 2021 19:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	11.2	9.9	14.9

