

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125022.D
 Acq On : 10 Aug 2021 2:27
 Operator : JU/CG
 Sample : M3326-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDE-NB

Manual Integrations
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Quant Time: Aug 10 04:48:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	5457	20.000	ng	# 0.00
21) Naphthalene-d8	8.104	136	20292	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	9313	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	14816	20.000	ng	0.00
76) Chrysene-d12	13.986	240	12182	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	8610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	36910	110.799	ng	0.00
7) Phenol-d6	6.463	99	44501	105.942	ng	0.00
23) Nitrobenzene-d5	7.387	82	28793	74.228	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	7839	94.216	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	50028	78.603	ng	0.00
79) Terphenyl-d14	12.927	244	44125	61.099	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.128	128	2687	2.577	ng	98
38) 1-Methylnaphthalene	8.916	142	1417	2.160	ng	100
49) Acenaphthylene	9.716	152	1734	2.068	ng	# 87
71) Phenanthrene	11.369	178	21164	26.333	ng	94
72) Anthracene	11.416	178	4074	5.053	ng	97
75) Fluoranthene	12.557	202	36111	43.432	ng	98
78) Pyrene	12.786	202	31863	33.207	ng	99
81) Benzo(a)anthracene	13.974	228	15223	19.176	ng	99
83) Chrysene	14.010	228	14937m	19.464	ng	
87) Indeno(1,2,3-cd)pyrene	16.892	276	6361	12.406	ng	# 88
88) Benzo(b)fluoranthene	15.016	252	16186m	26.773	ng	
89) Benzo(k)fluoranthene	15.039	252	5914m	10.754	ng	
90) Benzo(a)pyrene	15.380	252	10534	20.462	ng	99
92) Benzo(g,h,i)perylene	17.333	276	5477	12.666	ng	# 91

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

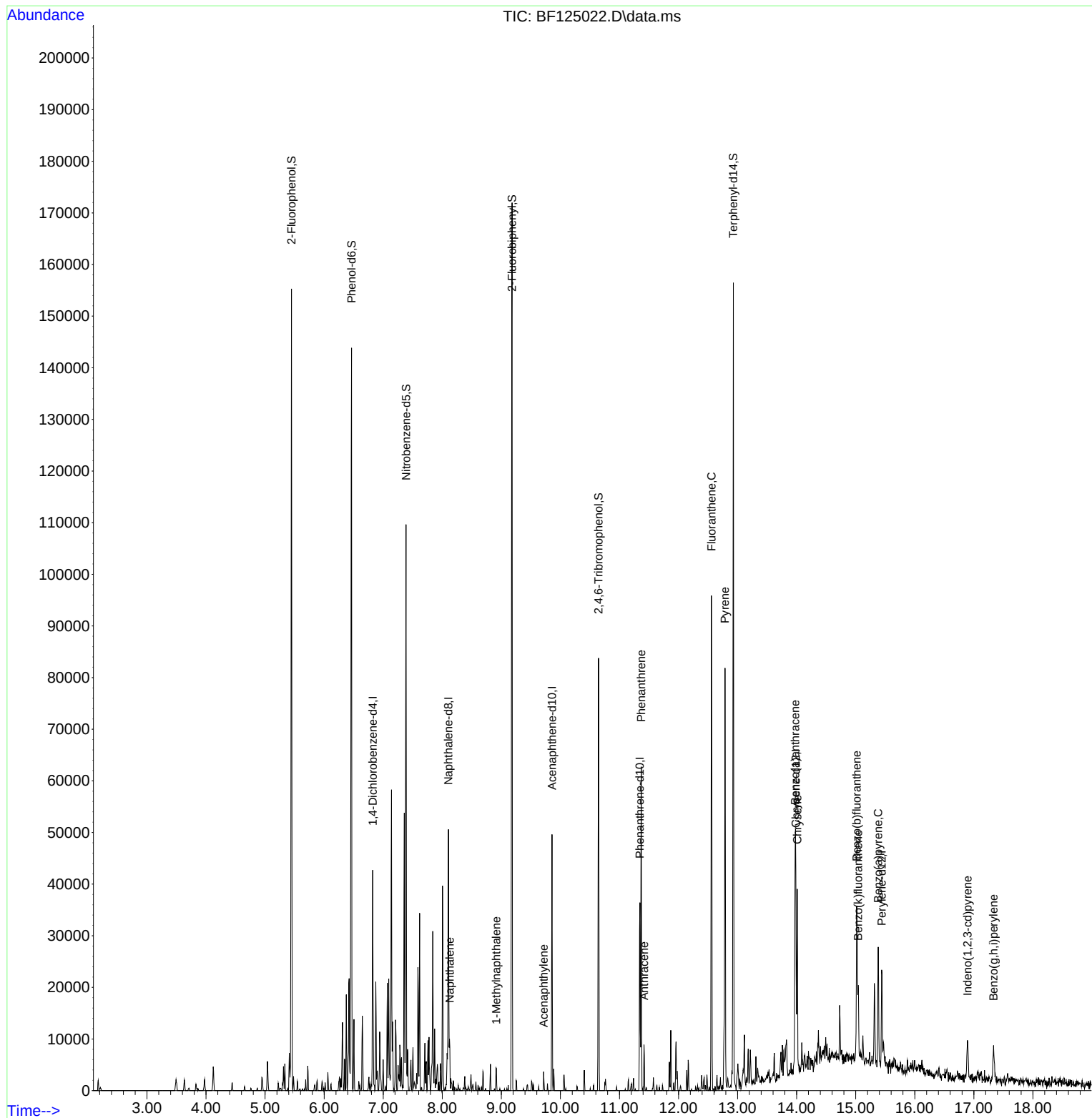
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

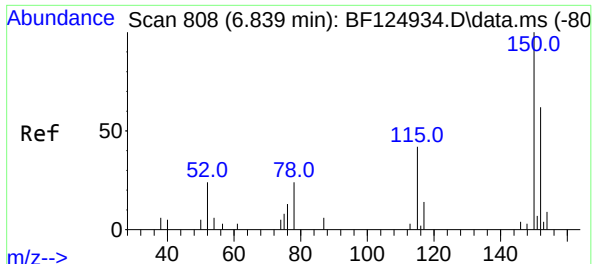
Instrument :
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ClientSampleId :
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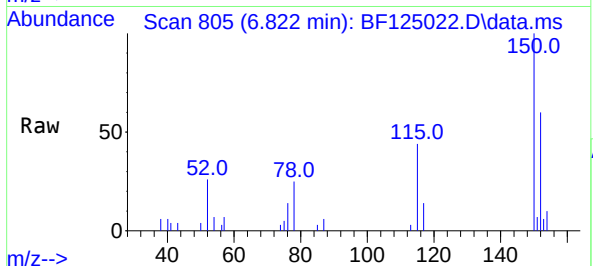
Quant Time: Aug 10 04:48:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

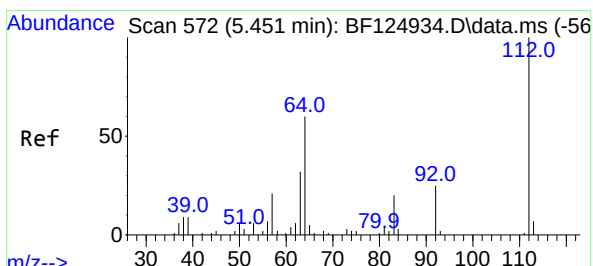
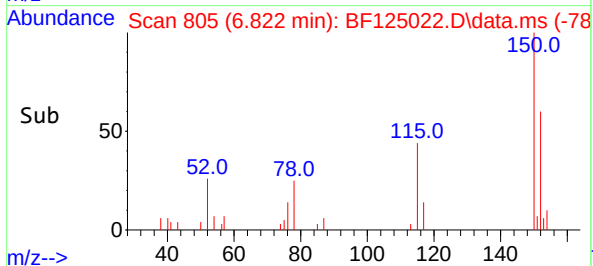
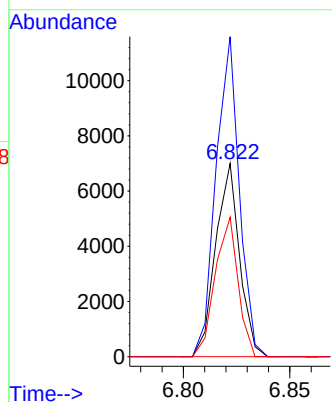
Instrument :
BNA_F
ClientSampled :
MDE-NB



Tgt Ion:152 Resp: 5457
Ion Ratio Lower Upper
152 100
150 165.6 117.6 176.4
115 72.2 47.1 70.7#

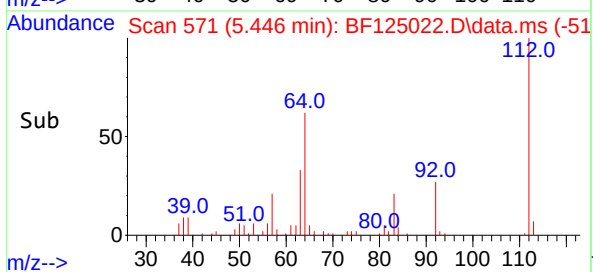
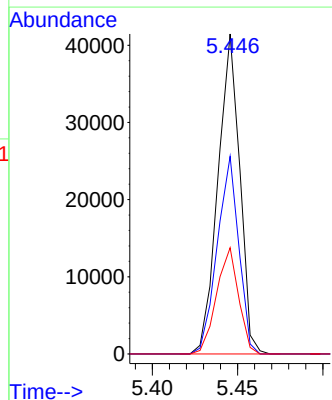
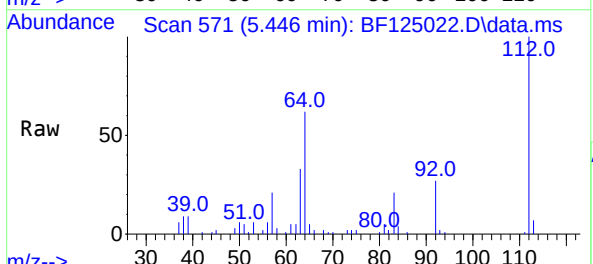
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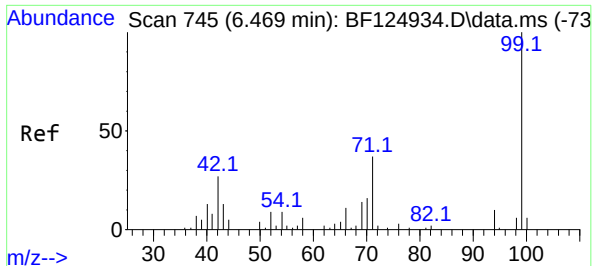
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#5
2-Fluorophenol
Concen: 110.799 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

Tgt Ion:112 Resp: 36910
Ion Ratio Lower Upper
112 100
64 61.8 44.2 66.2
63 33.2 26.2 39.2





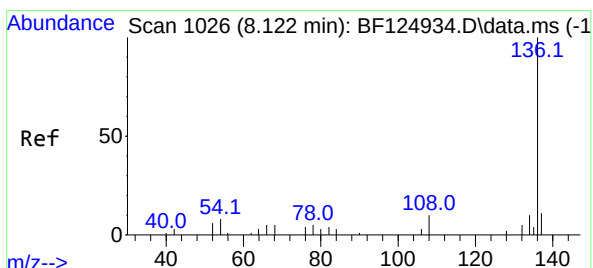
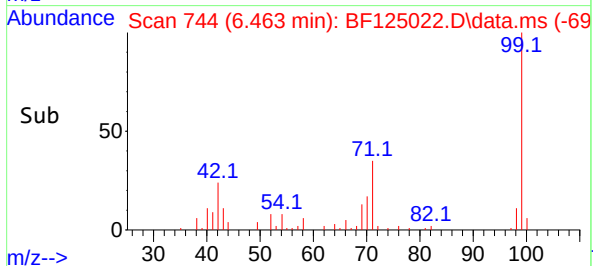
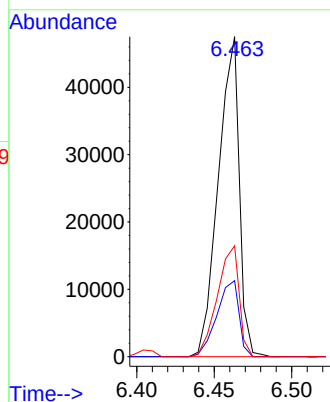
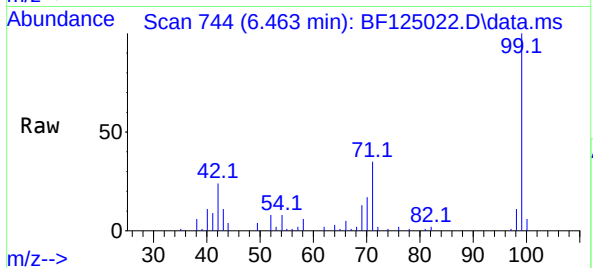
#7
Phenol-d6
Concen: 105.942 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

Tgt Ion:	99	Resp:	44501
Ion	Ratio	Lower	Upper
99	100		
42	23.8	23.5	35.3
71	34.7	25.6	38.4

Instrument :
BNA_F
ClientSampled :
MDE-NB

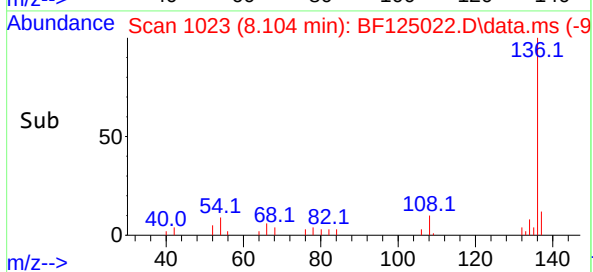
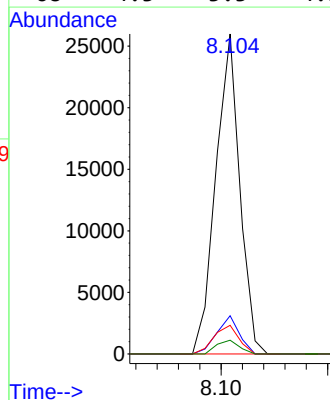
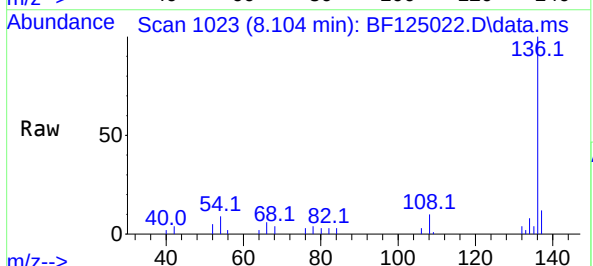
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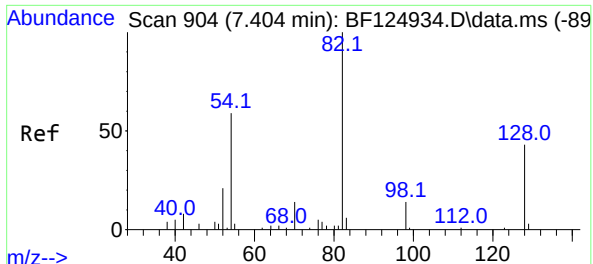
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

Tgt Ion:	136	Resp:	20292
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.6
54	9.0	6.4	9.6
68	4.3	3.3	4.9





#23

Nitrobenzene-d5

Concen: 74.228 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF125022.D

Acq: 10 Aug 2021 2:27

Tgt Ion: 82 Resp: 28793

Ion Ratio Lower Upper

82 100

128 44.2 40.6 60.8

54 57.8 49.6 74.4

Instrument :

BNA_F

ClientSampled :

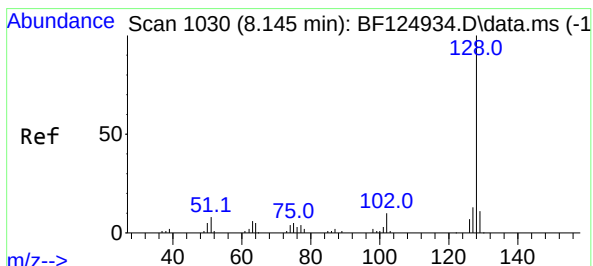
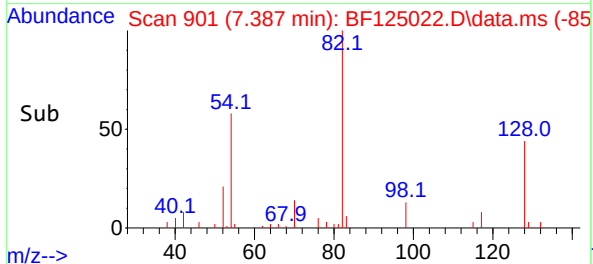
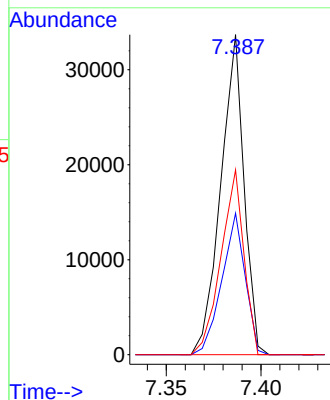
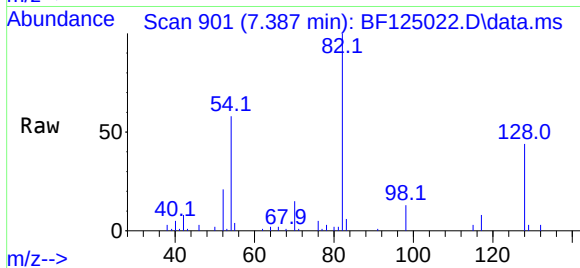
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#31

Naphthalene

Concen: 2.577 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF125022.D

Acq: 10 Aug 2021 2:27

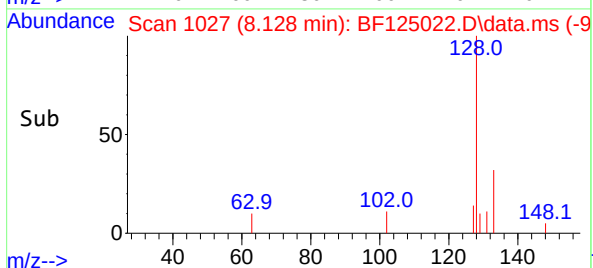
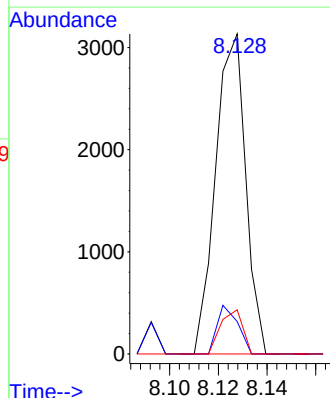
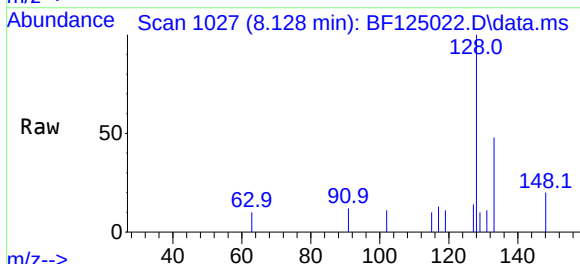
Tgt Ion: 128 Resp: 2687

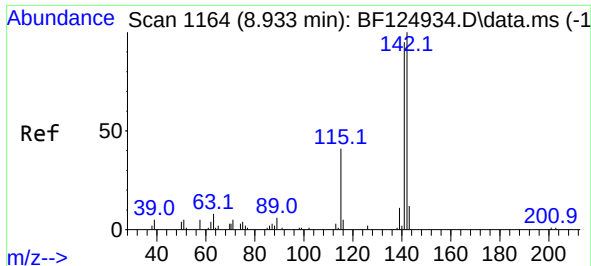
Ion Ratio Lower Upper

128 100

129 10.2 9.4 14.0

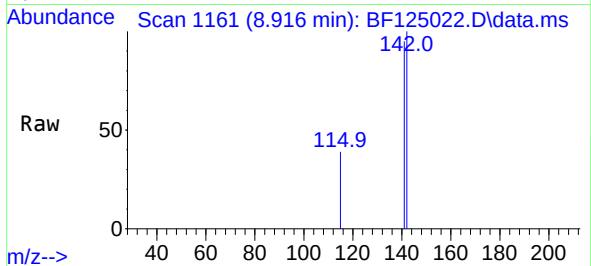
127 13.8 10.9 16.3





#38
1-Methylnaphthalene
Concen: 2.160 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

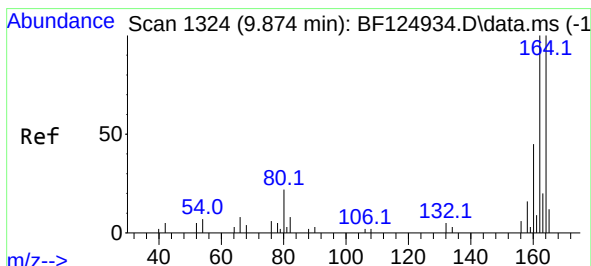
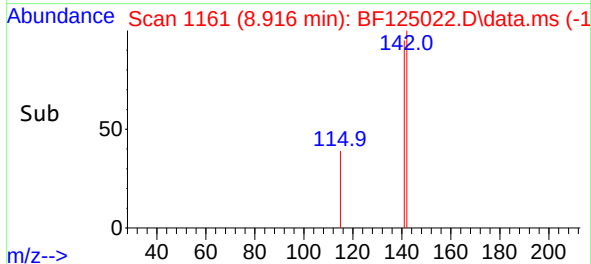
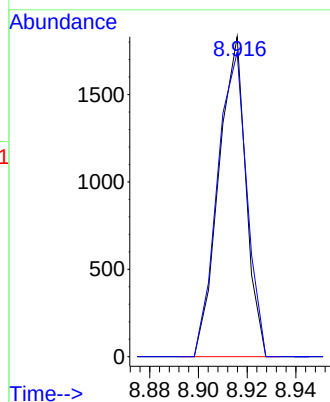
Instrument :
BNA_F
ClientSampled :
MDE-NB



Tgt Ion:142 Resp: 1417
Ion Ratio Lower Upper
142 100
141 95.1 76.0 114.0

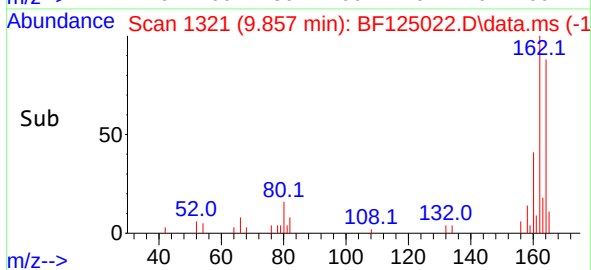
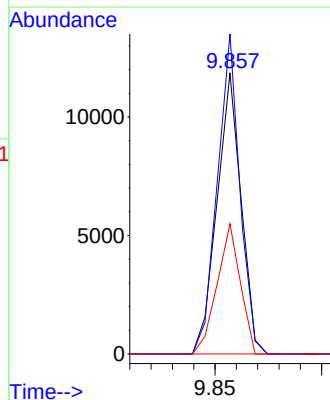
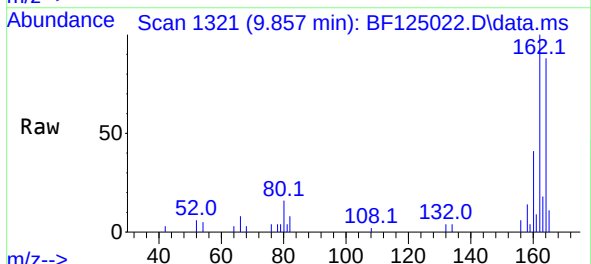
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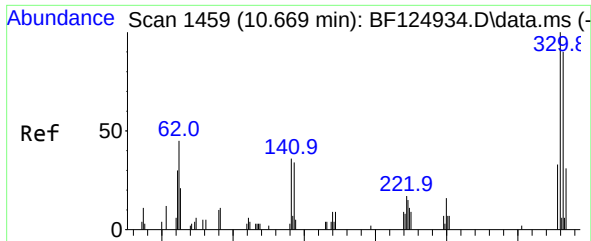
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

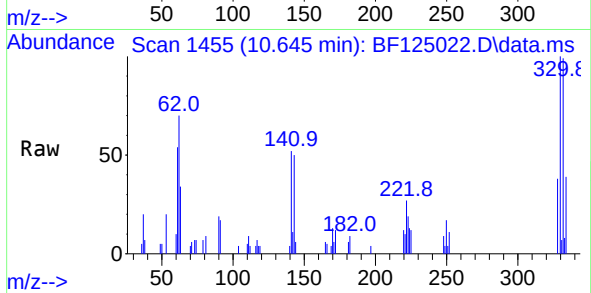
Tgt Ion:164 Resp: 9313
Ion Ratio Lower Upper
164 100
162 113.9 81.3 121.9
160 46.4 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 94.216 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

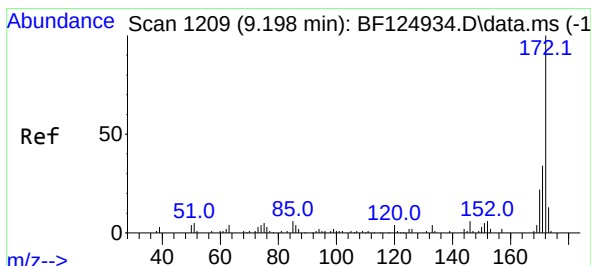
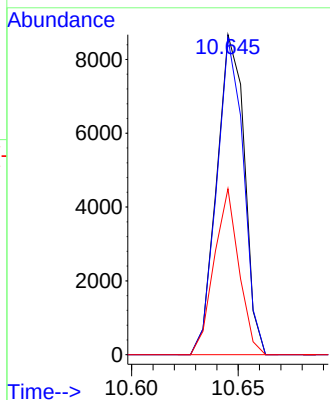
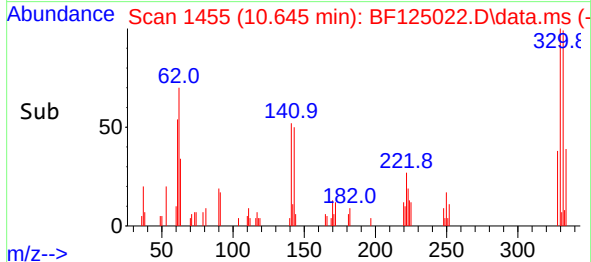
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BNA_F
ClientSampled :
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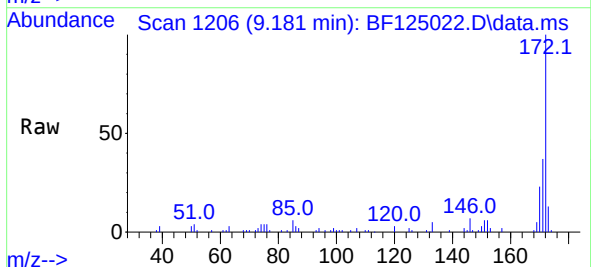
Tgt Ion: 330 Resp: 7839
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 46.6 44.6 66.8

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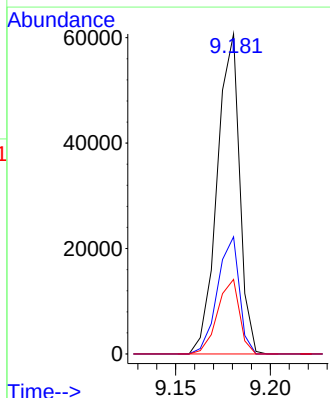
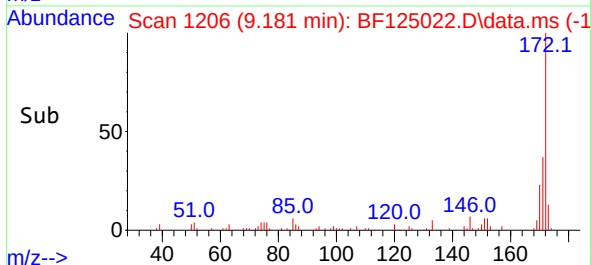
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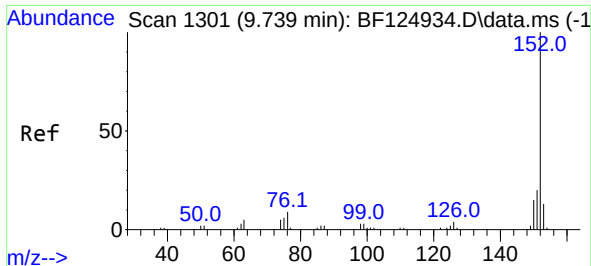


#45
2-Fluorobiphenyl
Concen: 78.603 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27



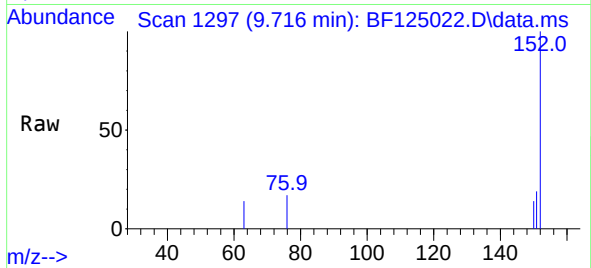
Tgt Ion: 172 Resp: 50028
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 23.3 18.8 28.2





#49
Acenaphthylene
Concen: 2.068 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

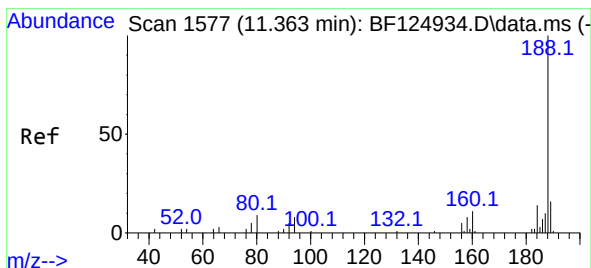
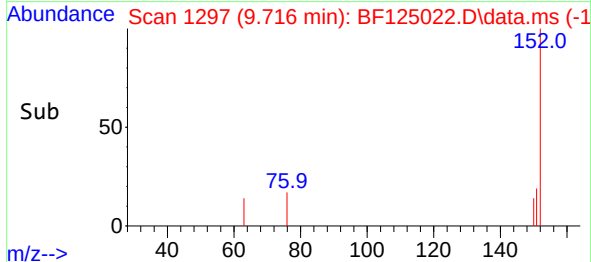
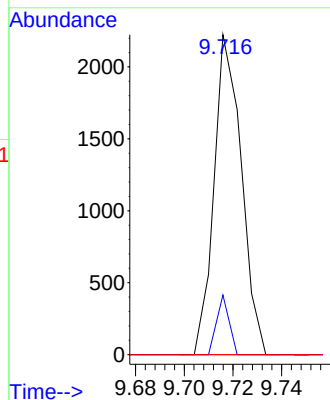
Instrument :
BNA_F
ClientSampled :
MDE-NB



Tgt Ion:152 Resp: 1734
Ion Ratio Lower Upper
152 100
151 18.7 15.7 23.5
153 0.0 9.8 14.8#

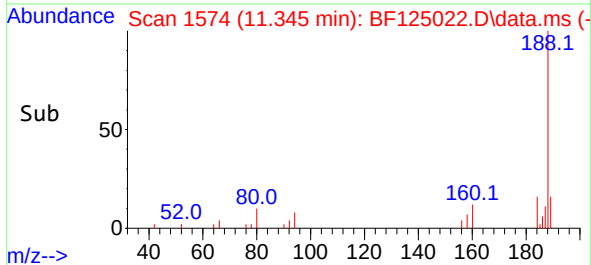
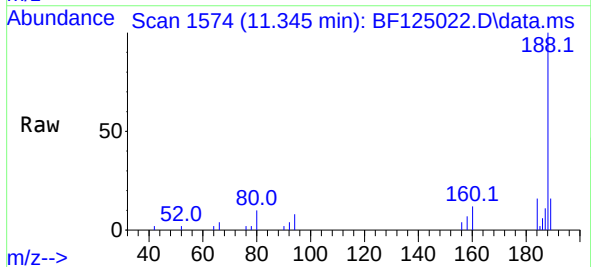
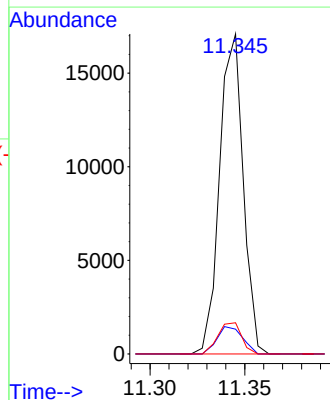
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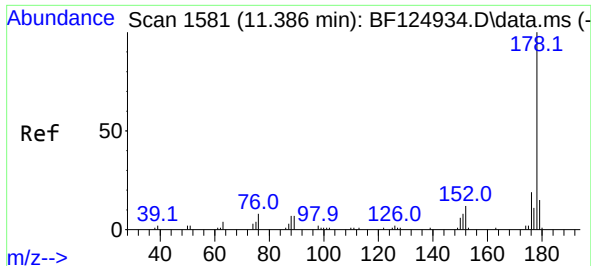
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

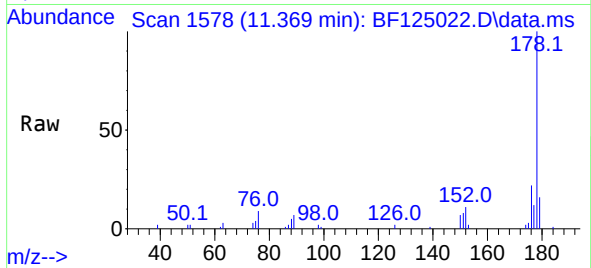
Tgt Ion:188 Resp: 14816
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.8 7.5 11.3





#71
Phenanthrene
Concen: 26.333 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

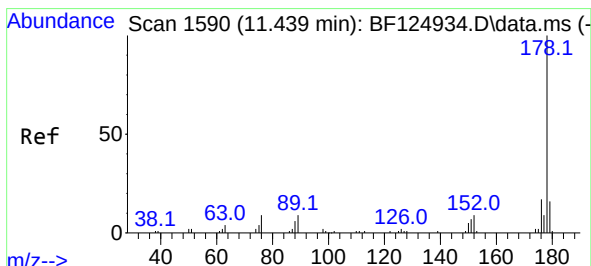
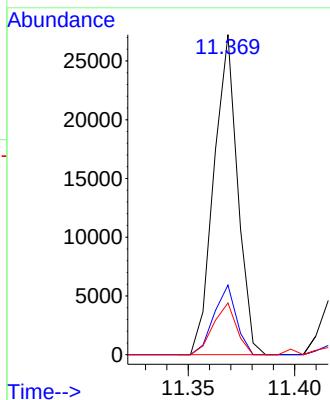
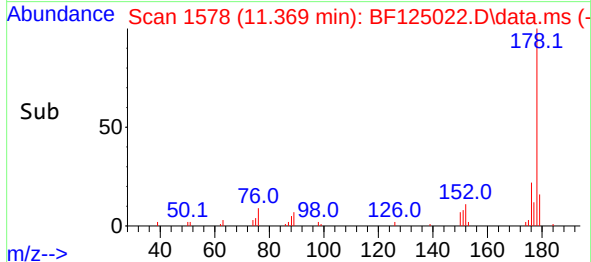
Instrument :
BNA_F
ClientSampled :
MDE-NB



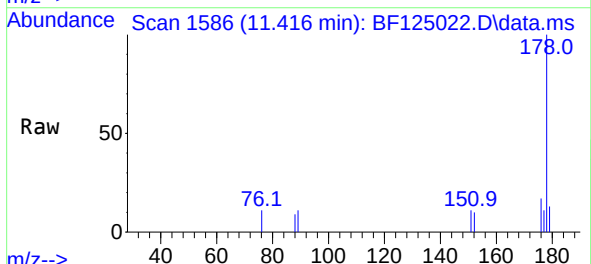
Tgt Ion:178 Resp: 21164
Ion Ratio Lower Upper
178 100
176 21.7 14.7 22.1
179 16.1 11.5 17.3

Manual Integrations
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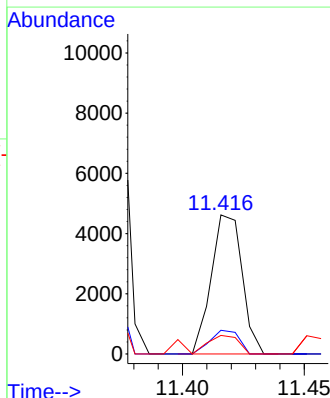
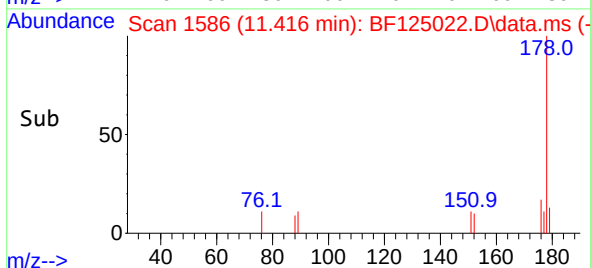
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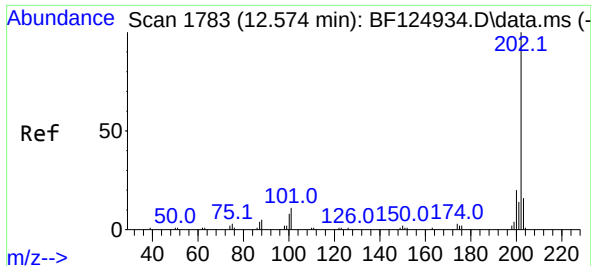


#72
Anthracene
Concen: 5.053 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27



Tgt Ion:178 Resp: 4074
Ion Ratio Lower Upper
178 100
176 17.1 14.3 21.5
179 13.4 12.2 18.4





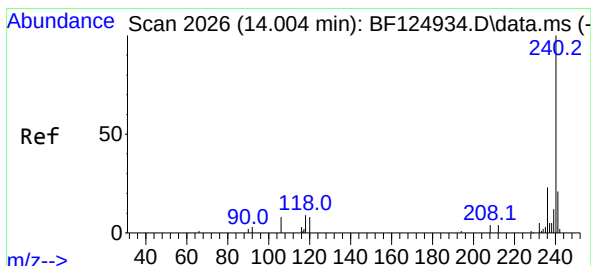
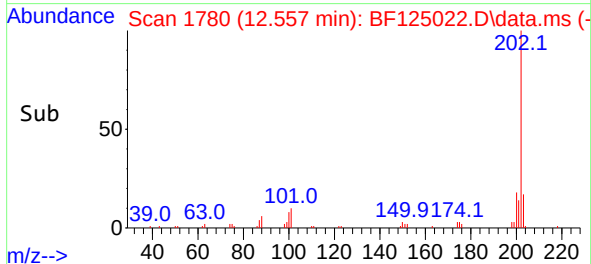
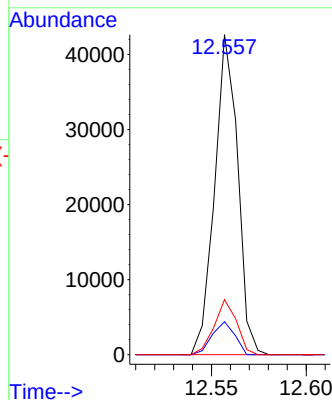
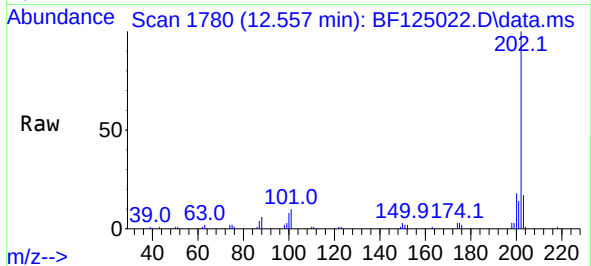
#75
Fluoranthene
Concen: 43.432 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

Tgt Ion:	202	Resp:	36111
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.7
203	17.2	0.0	36.3

Instrument :
BNA_F
ClientSampled :
MDE-NB

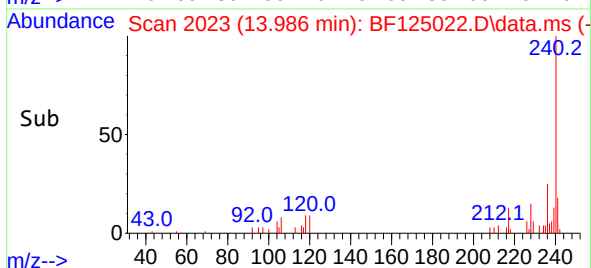
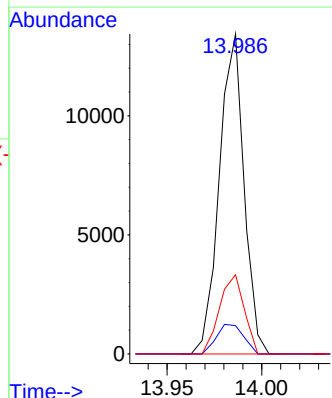
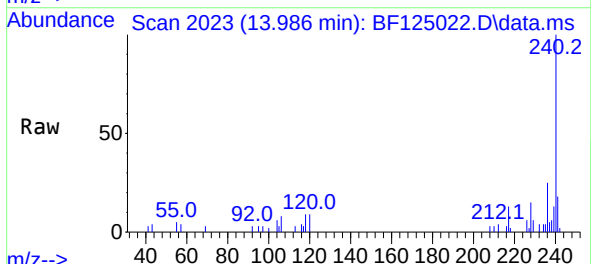
Manual Integrations
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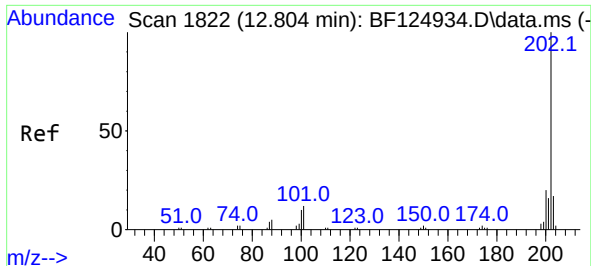
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

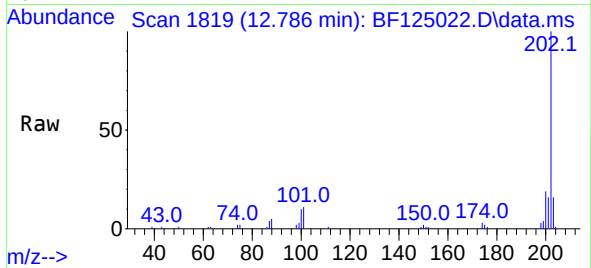
Tgt Ion:	240	Resp:	12182
Ion Ratio	Lower	Upper	
240	100		
120	8.9	10.8	16.2#
236	24.8	21.6	32.4





#78
Pyrene
Concen: 33.207 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

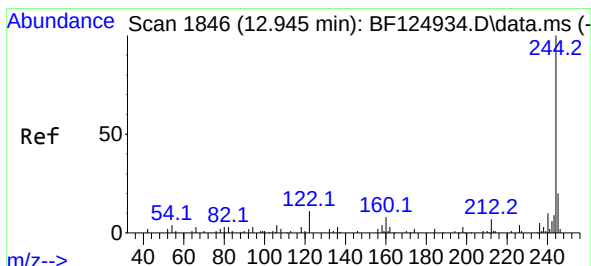
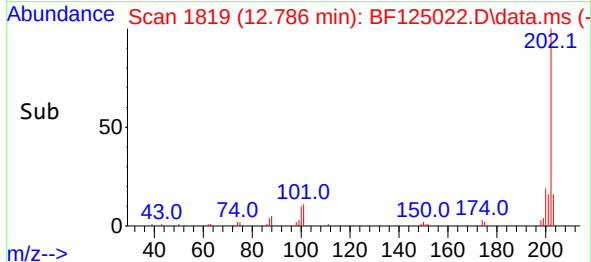
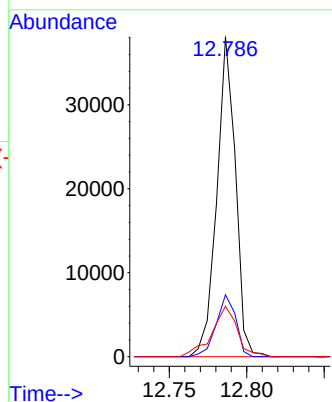
Instrument :
BNA_F
ClientSampled :
MDE-NB



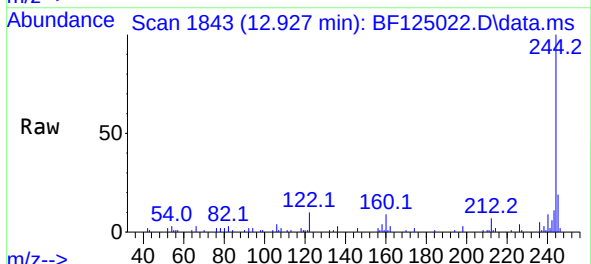
Tgt Ion:202 Resp: 31863
Ion Ratio Lower Upper
202 100
200 19.4 15.3 22.9
203 15.8 13.4 20.0

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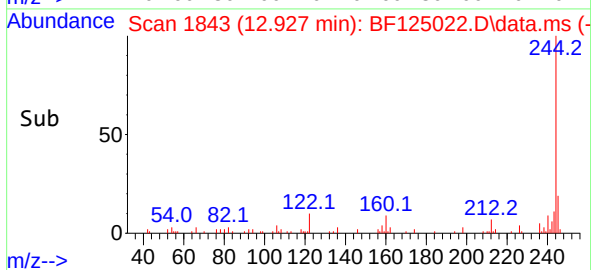
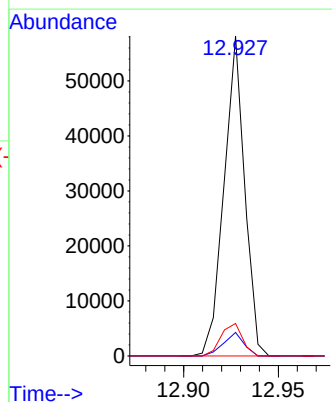
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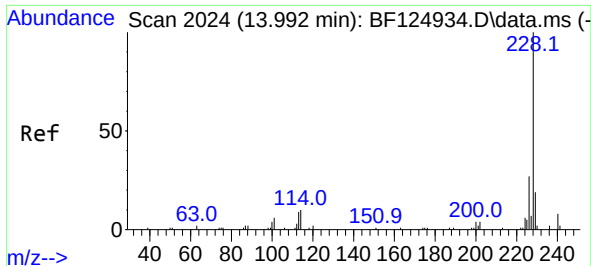


#79
Terphenyl-d14
Concen: 61.099 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27



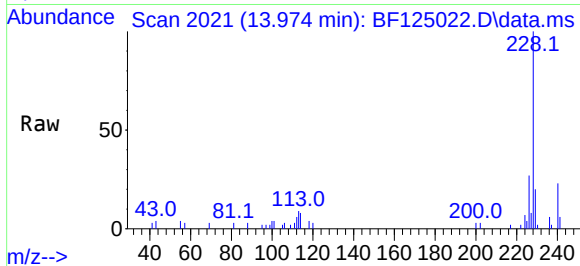
Tgt Ion:244 Resp: 44125
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.2 9.0 13.4





#81
Benzo(a)anthracene
Concen: 19.176 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

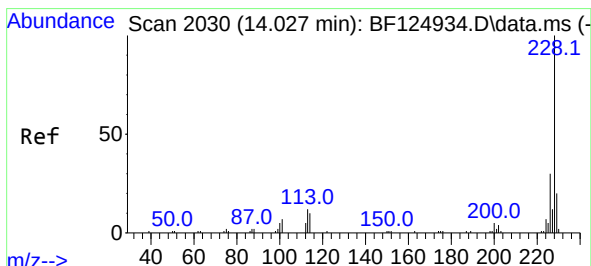
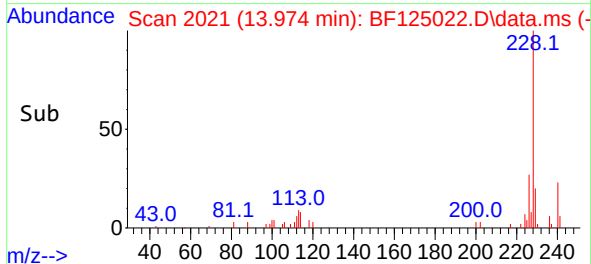
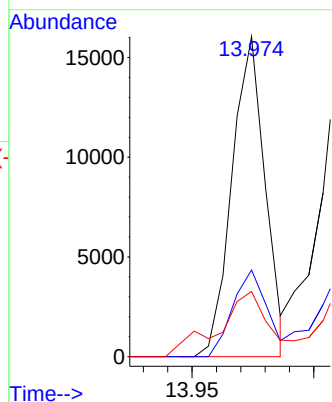
Instrument :
BNA_F
ClientSampled :
MDE-NB



Tgt Ion:228 Resp: 15223
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.4 15.6 23.4

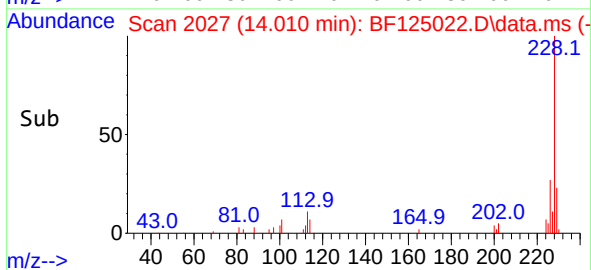
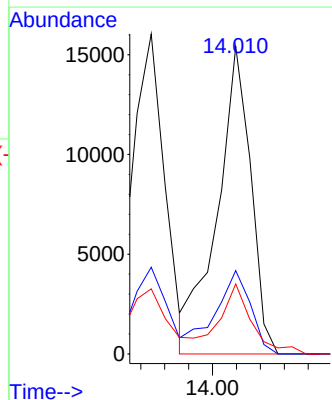
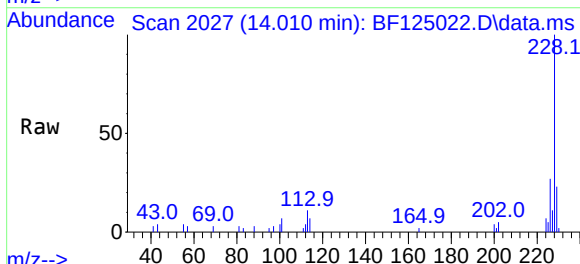
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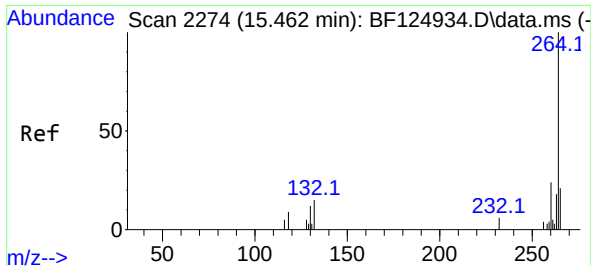
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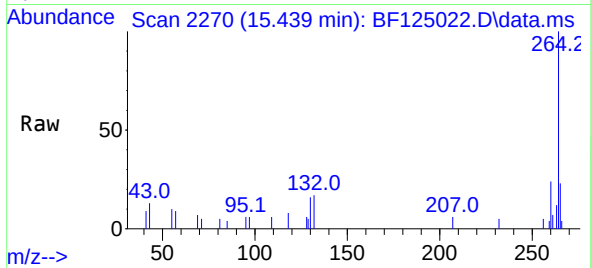
#83
Chrysene
Concen: 19.464 ng m
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

Tgt Ion:228 Resp: 14937
Ion Ratio Lower Upper
228 100
226 27.1 22.6 34.0
229 22.8 15.9 23.9

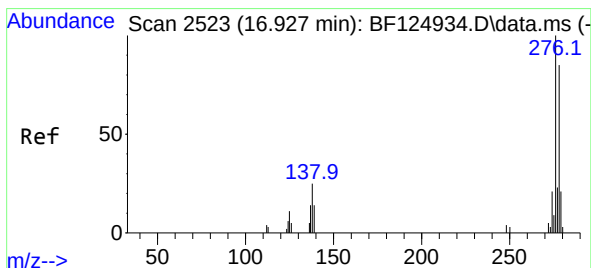
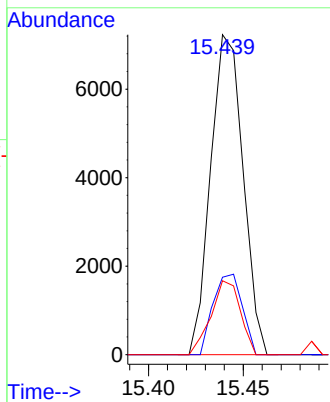
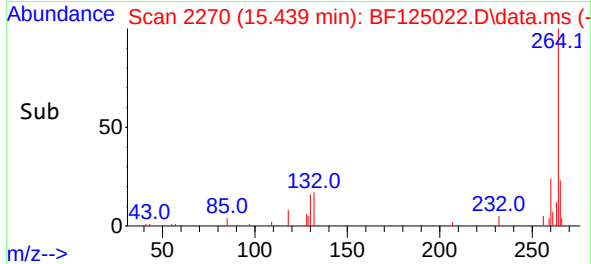




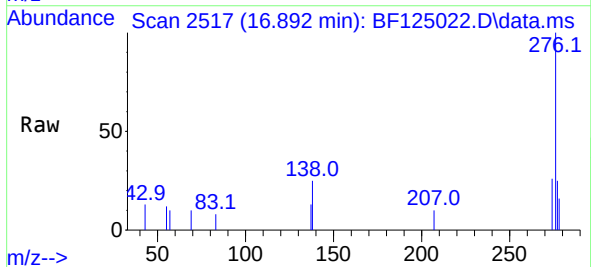
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27



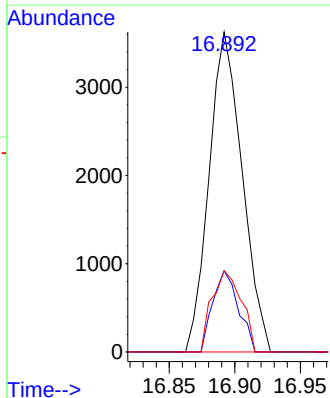
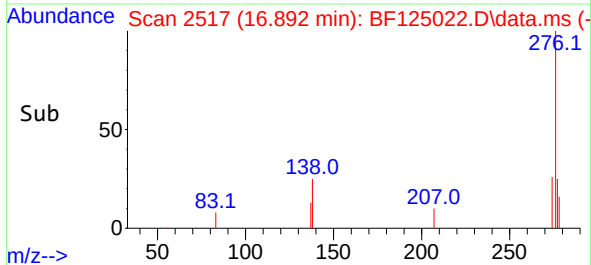
Tgt Ion:	264	Resp:	8610
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.6	29.4
265	23.1	17.2	25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 12.406 ng
RT: 16.892 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27



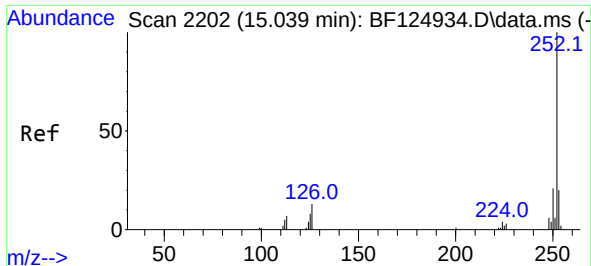
Tgt Ion:	276	Resp:	6361
Ion Ratio	Lower	Upper	
276	100		
138	19.6	24.1	36.1#
277	22.5	18.8	28.2



Instrument :
BNA_F
ClientSampled :
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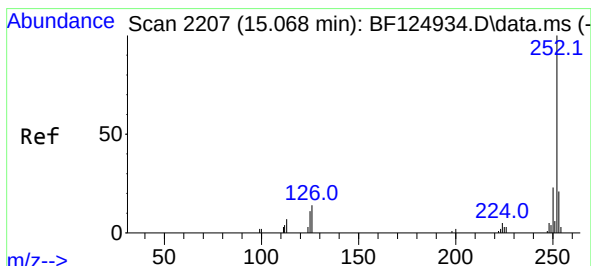
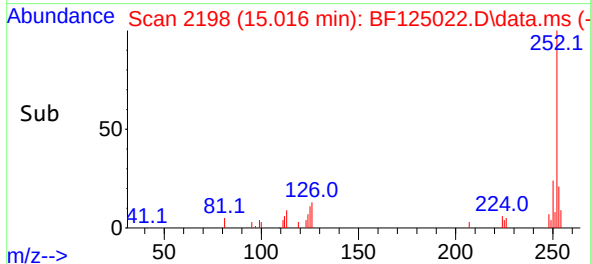
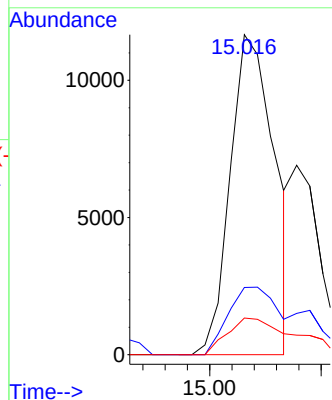
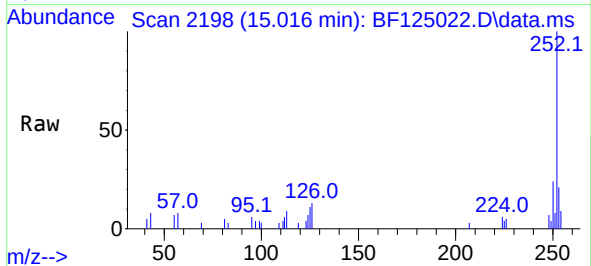
#88
Benzo(b)fluoranthene
Concen: 26.773 ng m
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

Tgt Ion:252	Resp:	16186
Ion Ratio	Lower	Upper
252	100	
253	21.0	16.8 25.2
125	11.5	9.8 14.8

Instrument :
BNA_F
ClientSampled :
MDE-NB

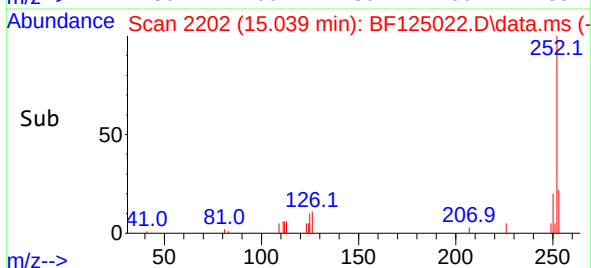
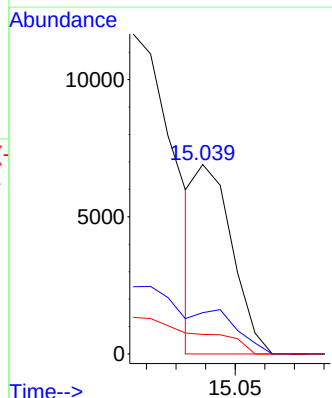
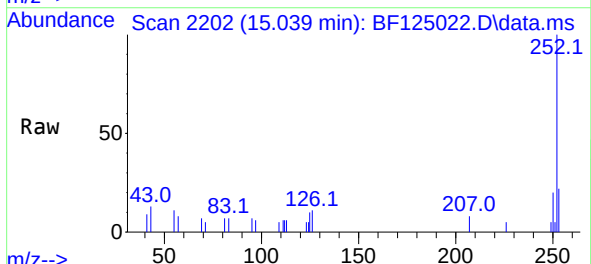
Manual Integrations
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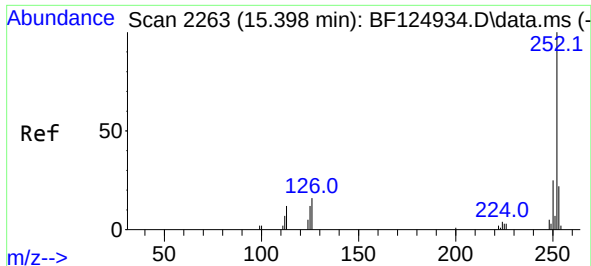
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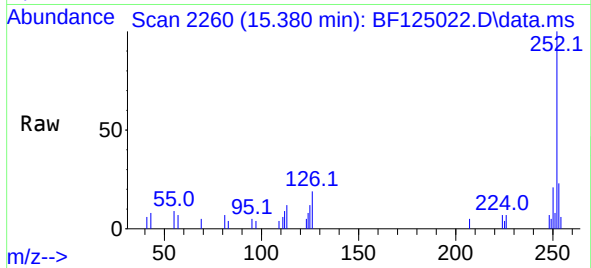
#89
Benzo(k)fluoranthene
Concen: 10.754 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27

Tgt Ion:252	Resp:	5914
Ion Ratio	Lower	Upper
252	100	
253	21.8	17.8 26.8
125	10.3	7.2 10.8

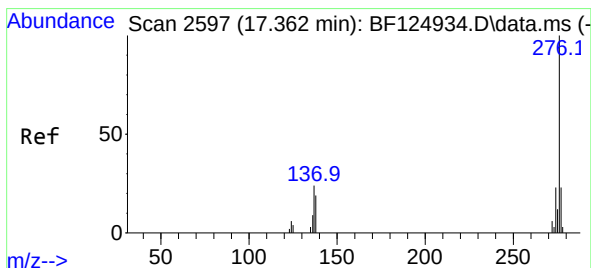
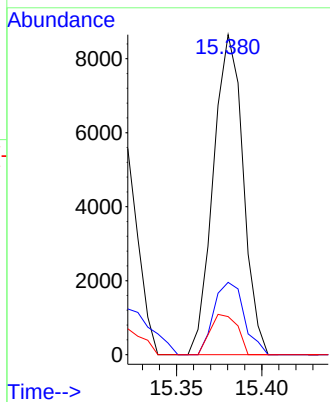
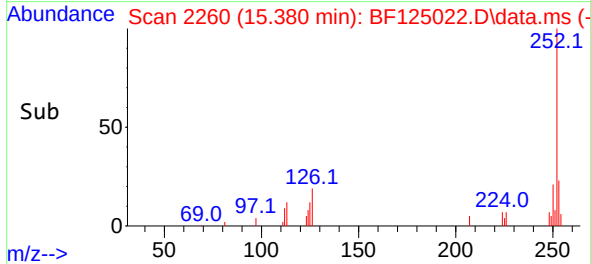




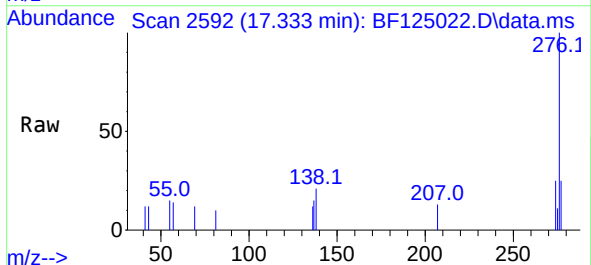
#90
Benzo(a)pyrene
Concen: 20.462 ng
RT: 15.380 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27



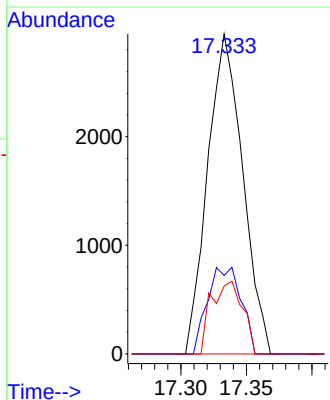
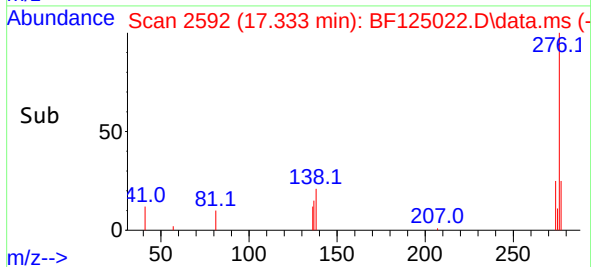
Tgt Ion: 252 Resp: 10534
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 11.9 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 12.666 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF125022.D
Acq: 10 Aug 2021 2:27



Tgt Ion: 276 Resp: 5477
Ion Ratio Lower Upper
276 100
277 24.5 22.0 33.0
138 21.2 22.2 33.4#



Instrument :
BNA_F
ClientSampled :
MDE-NB

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