

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125884.D
 Acq On : 18 Oct 2021 18:52
 Operator : JU/CG
 Sample : M4249-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-(S)

Manual Integrations
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Quant Time: Oct 19 09:08:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	167408	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	657272	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	324287	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	461673	20.00	ng	# 0.00
76) Chrysene-d12	13.974	240	378064	20.00	ng	# 0.00
86) Perylene-d12	15.421	264	337549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	993360	96.94	ng	0.00
7) Phenol-d6	6.451	99	1185971	89.90	ng	0.00
23) Nitrobenzene-d5	7.380	82	701054	66.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	269154	84.07	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1327832	70.62	ng	0.00
79) Terphenyl-d14	12.921	244	1027144	41.38	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.357	178	349213	14.14	ng	98
72) Anthracene	11.410	178	83658	3.39	ng	99
75) Fluoranthene	12.545	202	622142	27.91	ng	96
78) Pyrene	12.774	202	608572	15.84	ng	96
81) Benzo(a)anthracene	13.962	228	349443	14.25	ng	96
83) Chrysene	13.998	228	310547	12.81	ng	99
87) Indeno(1,2,3-cd)pyrene	16.845	276	116606	4.53	ng	95
88) Benzo(b)fluoranthene	14.998	252	379453m	19.91	ng	
89) Benzo(k)fluoranthene	15.021	252	137164m	7.01	ng	
90) Benzo(a)pyrene	15.356	252	253358	15.01	ng	99
92) Benzo(g,h,i)perylene	17.280	276	104734	4.83	ng	95

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

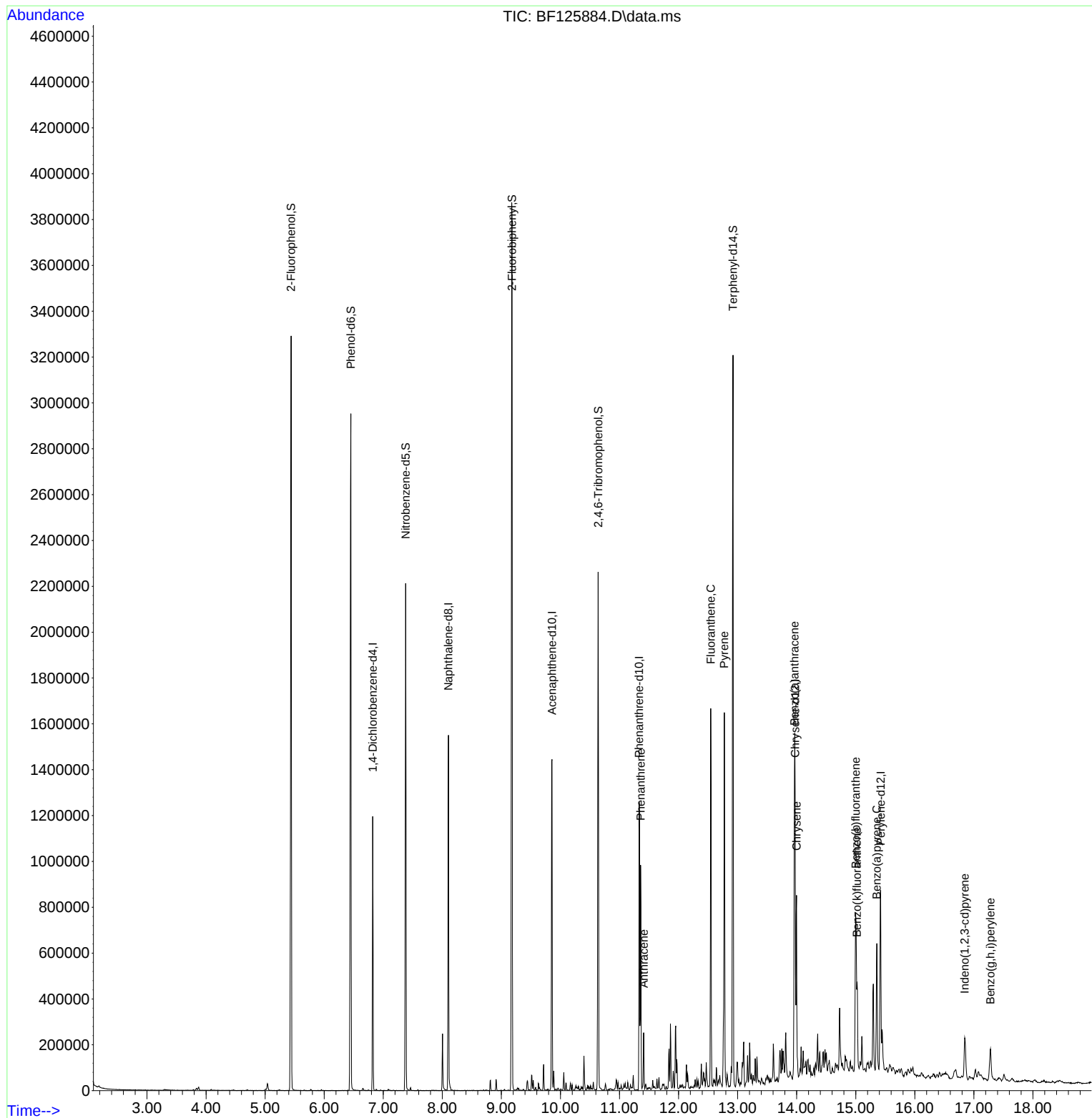
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125884.D
Acq On : 18 Oct 2021 18:52
Operator : JU/CG
Sample : M4249-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-(S)

Manual Integrations
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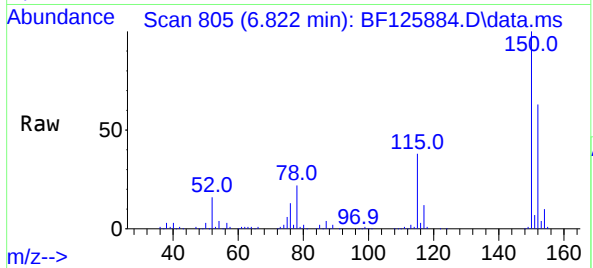
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Quant Time: Oct 19 09:08:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration

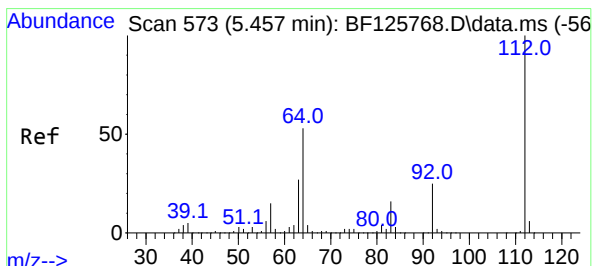
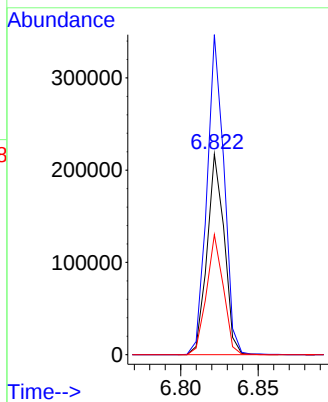
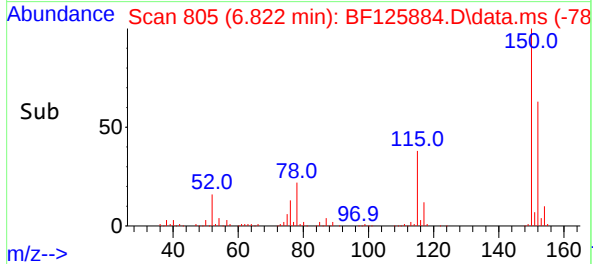




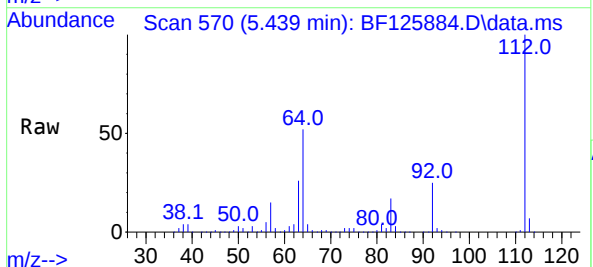
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52



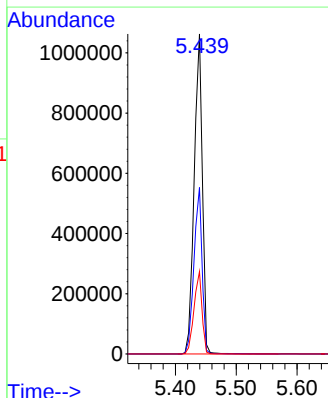
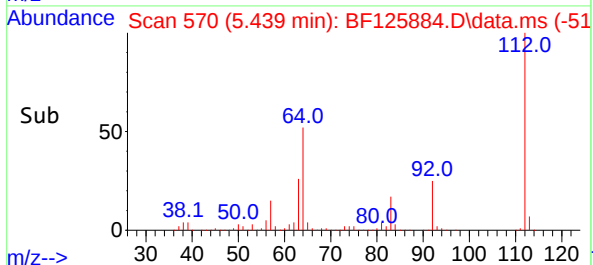
Tgt Ion:152 Resp: 167408
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 96.94 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52



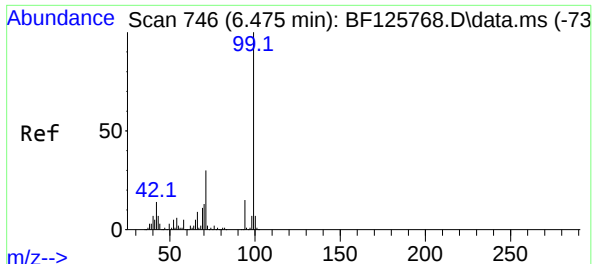
Tgt Ion:112 Resp: 993360
Ion Ratio Lower Upper
112 100
64 52.0 44.2 66.2
63 25.7 26.2 39.2#



Instrument :
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#7
Phenol-d6
Concen: 89.90 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

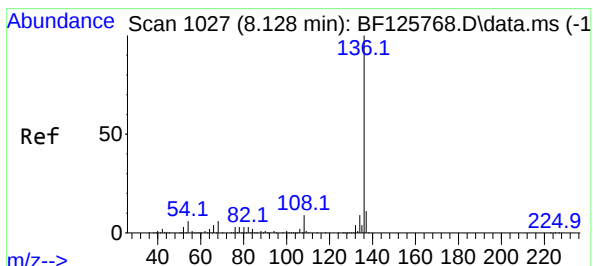
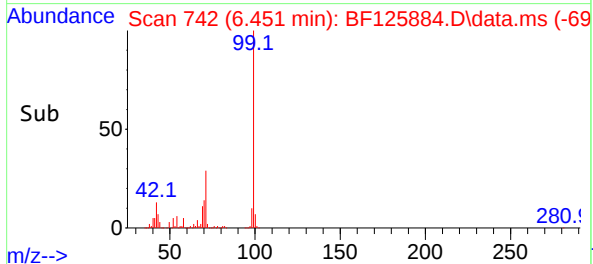
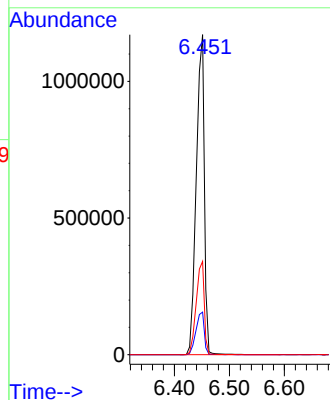
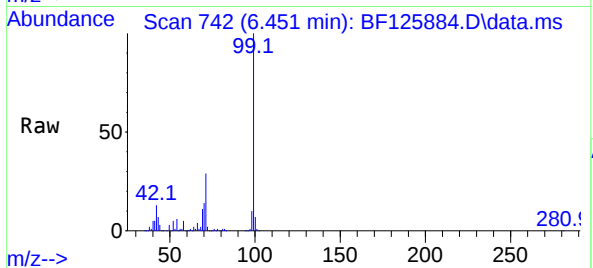
Tgt Ion: 99 Resp: 1185971

Ion	Ratio	Lower	Upper
99	100		
42	13.3	23.5	35.3#
71	29.1	25.6	38.4

Instrument :
BNA_F
ClientSampled :
TP1-(S)

Manual Integrations
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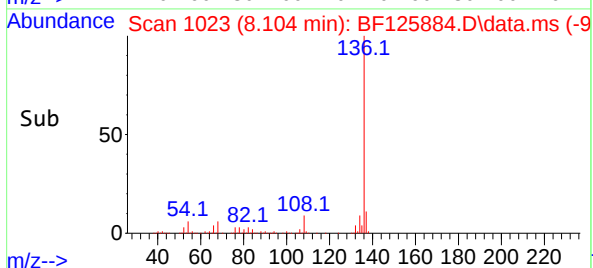
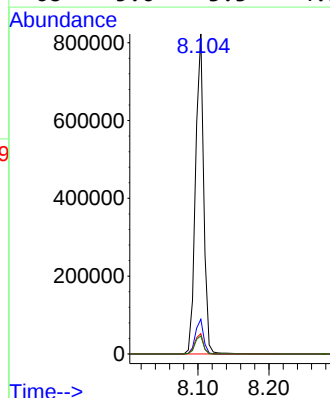
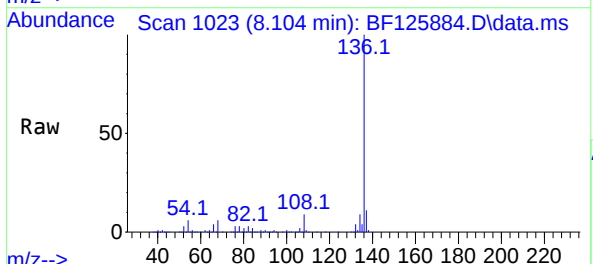
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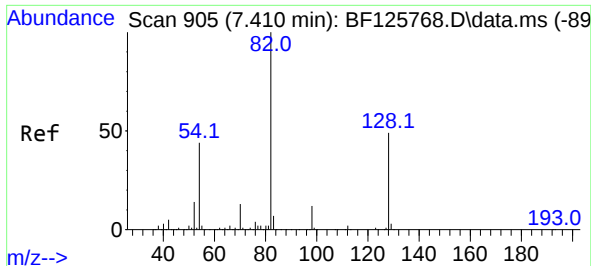


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

Tgt Ion: 136 Resp: 657272

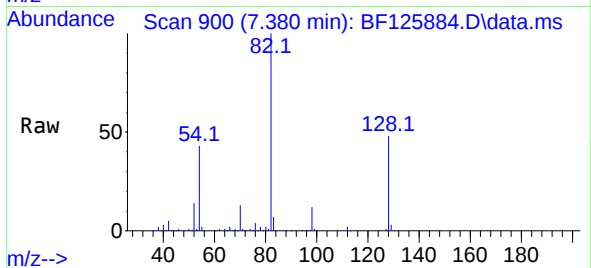
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	6.3	6.4	9.6#
68	5.6	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 66.30 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

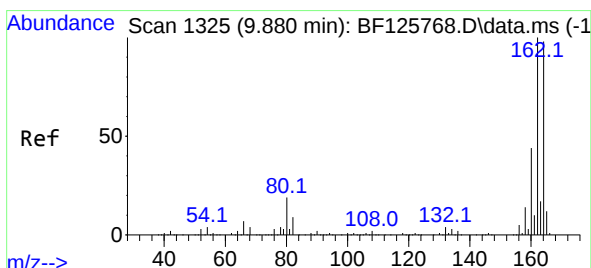
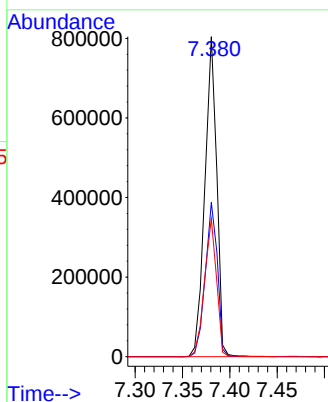
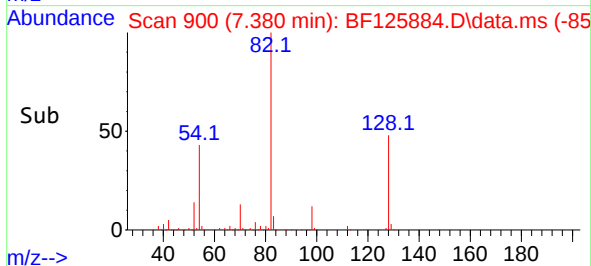
Instrument :
BNA_F
ClientSampled :
TP1-(S)



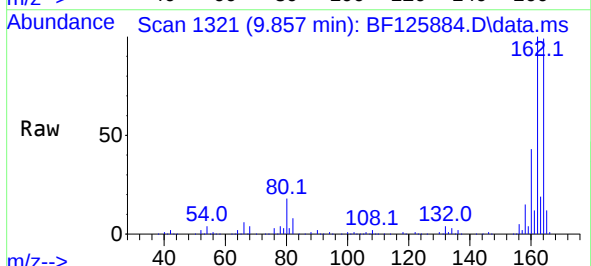
Tgt Ion: 82 Resp: 701054
Ion Ratio Lower Upper
82 100
128 48.2 40.6 60.8
54 43.1 49.6 74.4#

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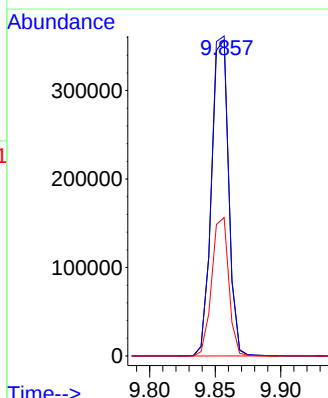
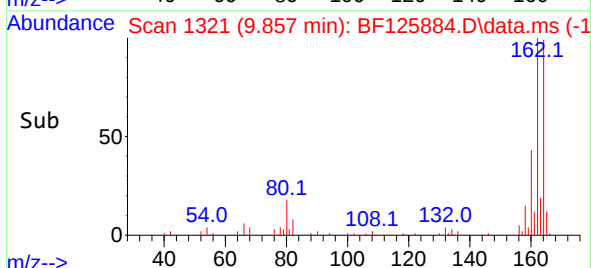
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

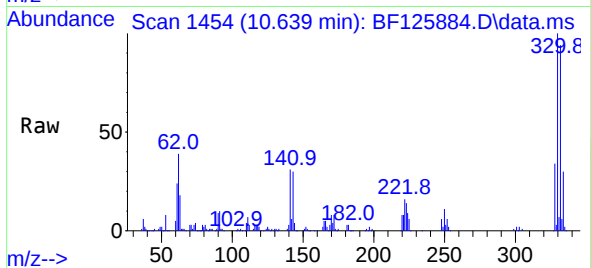


Tgt Ion: 164 Resp: 324287
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 43.8 38.0 57.0

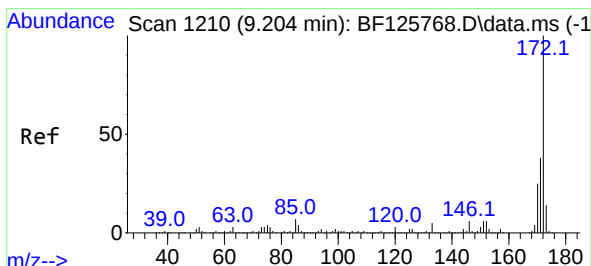
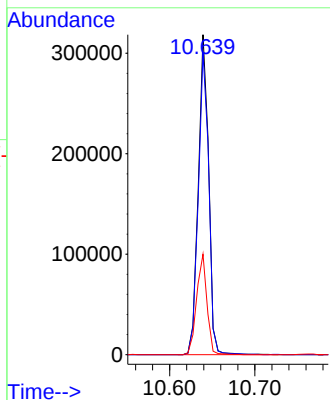
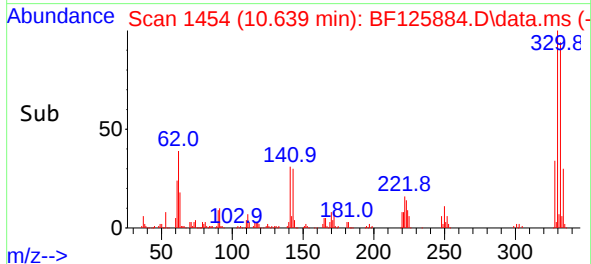




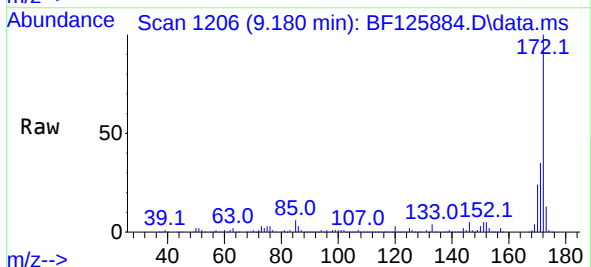
#42
2,4,6-Tribromophenol
Concen: 84.07 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52



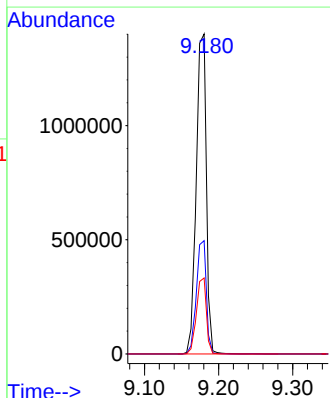
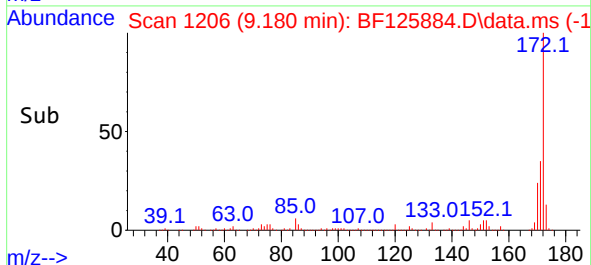
Tgt Ion: 330 Resp: 269154
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 31.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.62 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52



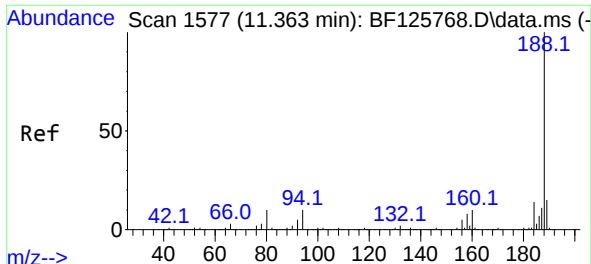
Tgt Ion: 172 Resp: 1327832
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.8 18.8 28.2



Instrument :
BNA_F
ClientSampled :
TP1-(S)

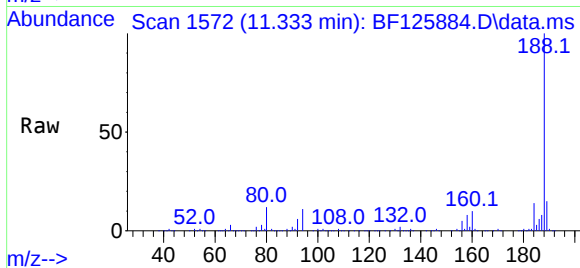
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

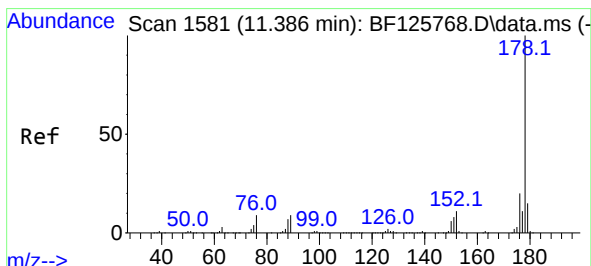
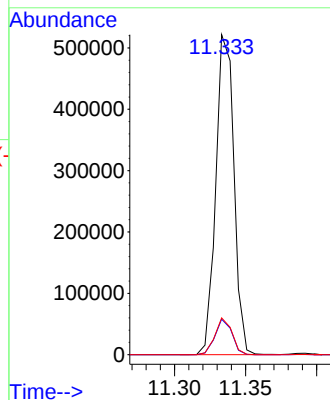
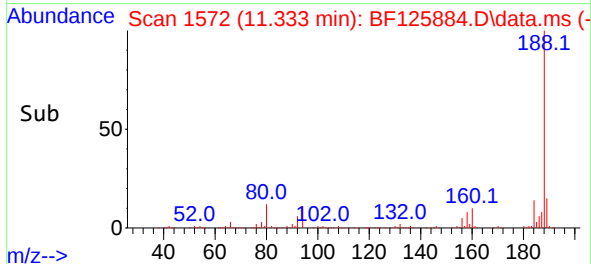
Instrument :
BNA_F
ClientSampled :
TP1-(S)



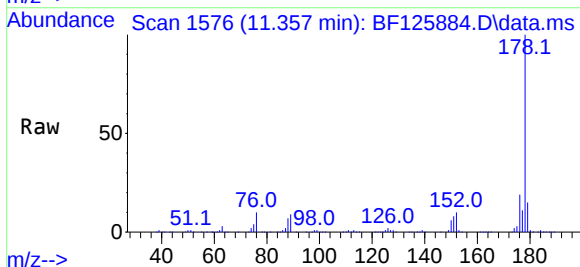
Tgt Ion:188 Resp: 461673
Ion Ratio Lower Upper
188 100
94 11.1 6.7 10.1#
80 11.5 7.5 11.3#

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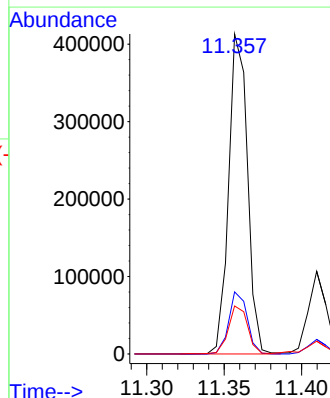
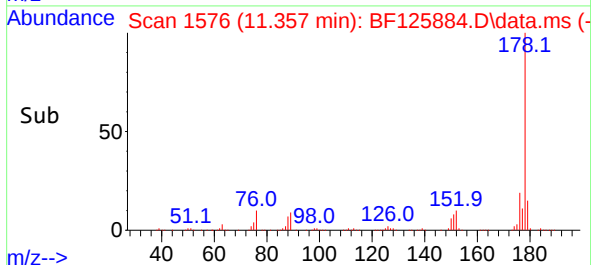
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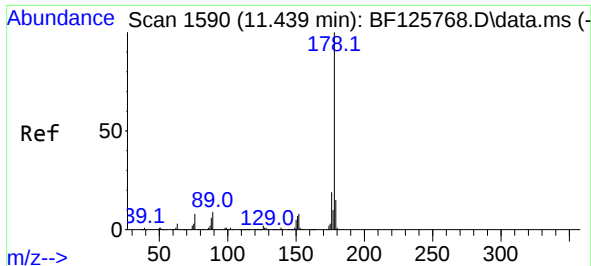


#71
Phenanthrene
Concen: 14.14 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52



Tgt Ion:178 Resp: 349213
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.0 11.5 17.3





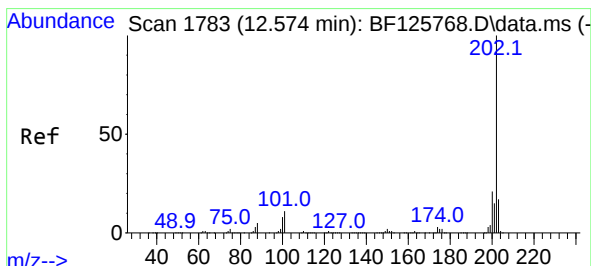
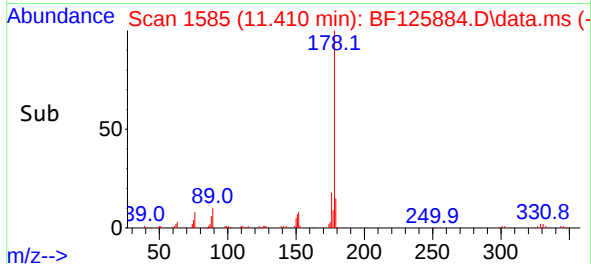
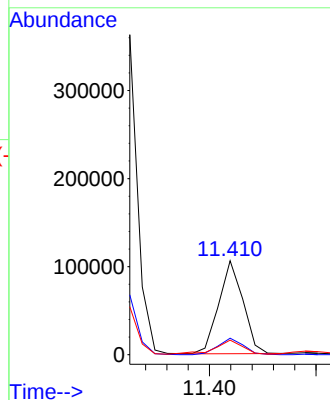
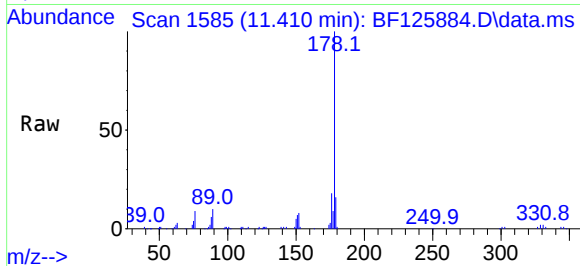
#72
 Anthracene
 Concen: 3.39 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. -0.012 min
 Lab File: BF125884.D
 Acq: 18 Oct 2021 18:52

Tgt Ion:	178	Resp:	83658
Ion Ratio	Lower	Upper	
178	100		
176	17.6	14.3	21.5
179	15.5	12.2	18.4

Instrument :
 BNA_F
 ClientSampled :
 TP1-(S)

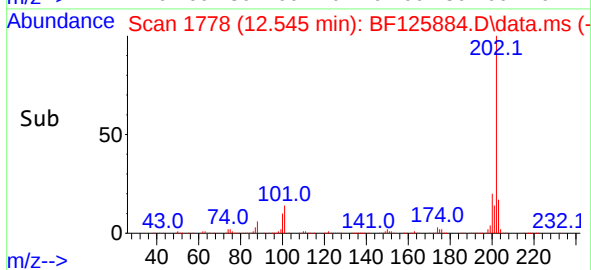
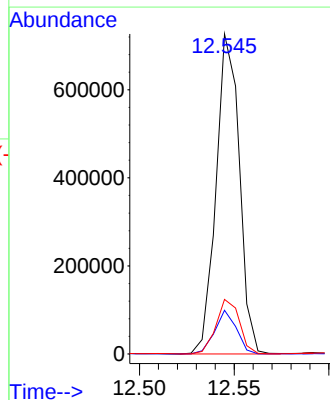
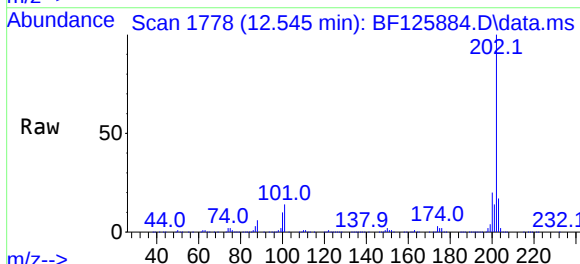
Manual Integrations
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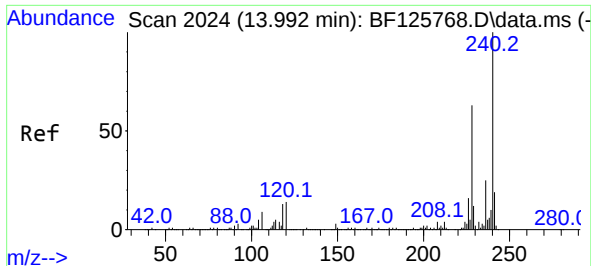
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#75
 Fluoranthene
 Concen: 27.91 ng
 RT: 12.545 min Scan# 1778
 Delta R.T. -0.006 min
 Lab File: BF125884.D
 Acq: 18 Oct 2021 18:52

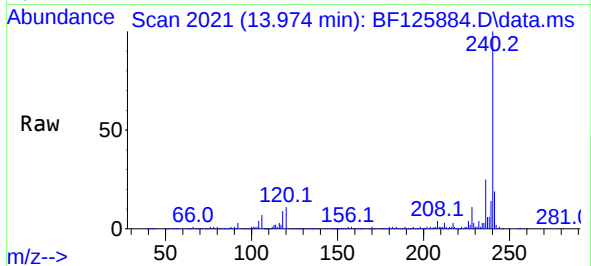
Tgt Ion:	202	Resp:	622142
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	30.7
203	17.1	0.0	36.3





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

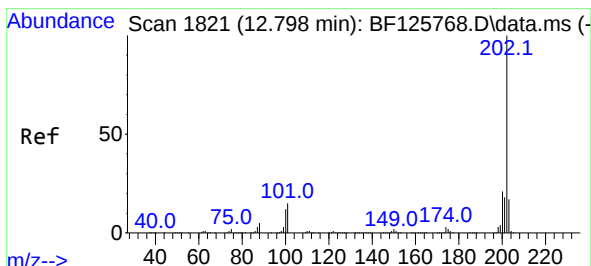
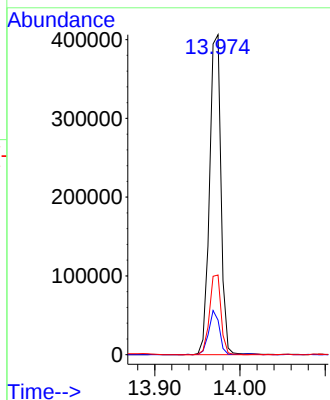
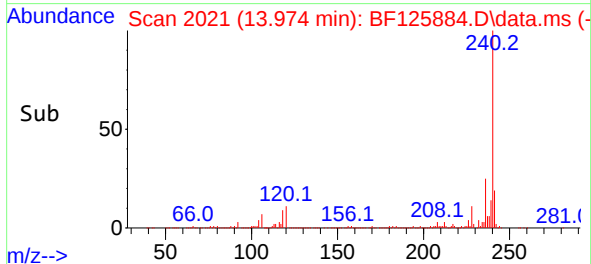
Instrument :
BNA_F
ClientSampled :
TP1-(S)



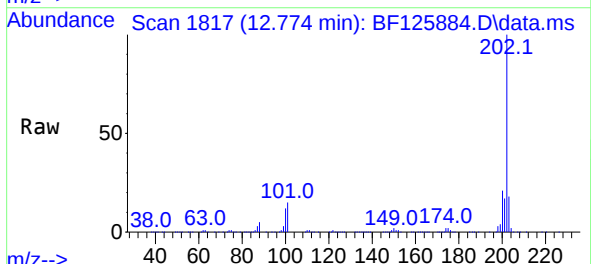
Tgt Ion:240 Resp: 378064
Ion Ratio Lower Upper
240 100
120 10.8 10.8 16.2#
236 24.9 21.6 32.4

Manual Integrations
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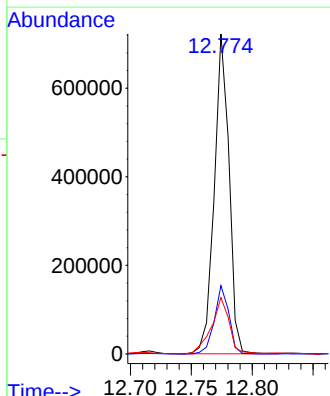
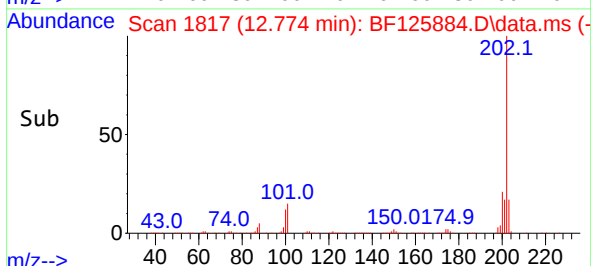
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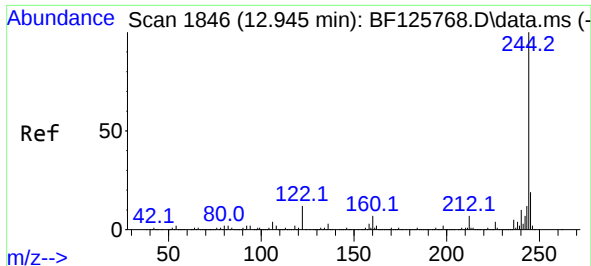


#78
Pyrene
Concen: 15.84 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

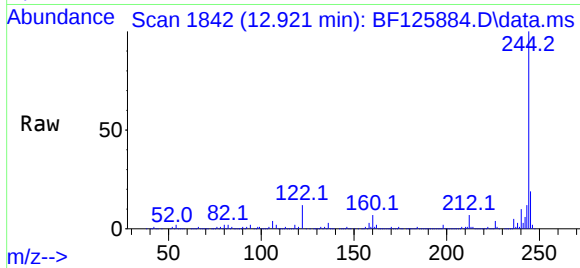


Tgt Ion:202 Resp: 608572
Ion Ratio Lower Upper
202 100
200 21.3 15.3 22.9
203 17.6 13.4 20.0

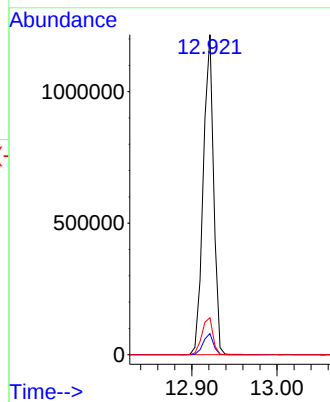
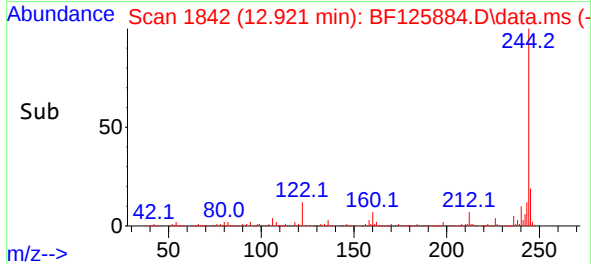




#79
Terphenyl-d14
Concen: 41.38 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52



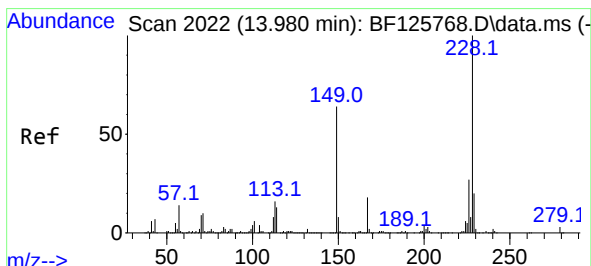
Tgt Ion:244 Resp: 1027144
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.5 9.0 13.4



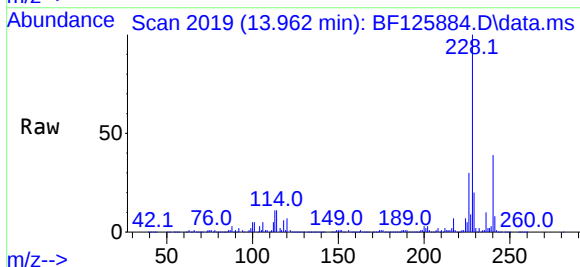
Instrument :
BNA_F
ClientSampleId :
TP1-(S)

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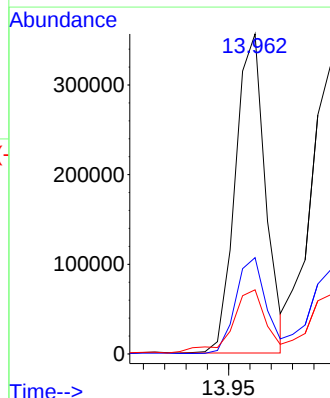
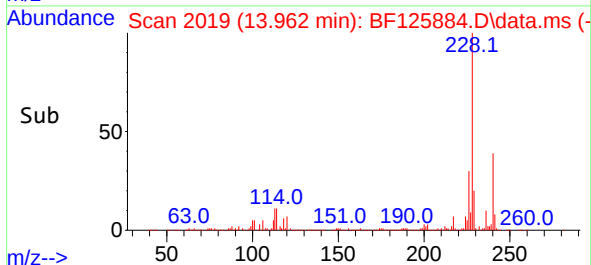
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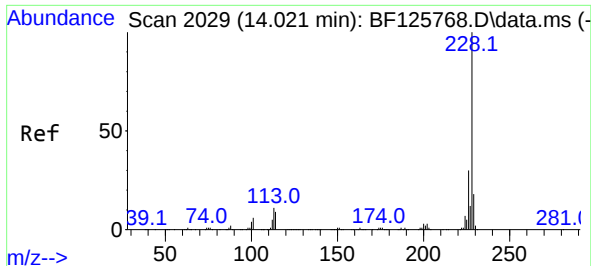


#81
Benzo(a)anthracene
Concen: 14.25 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52



Tgt Ion:228 Resp: 349443
Ion Ratio Lower Upper
228 100
226 30.1 21.6 32.4
229 20.1 15.6 23.4





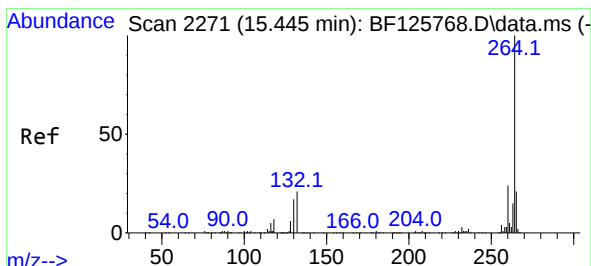
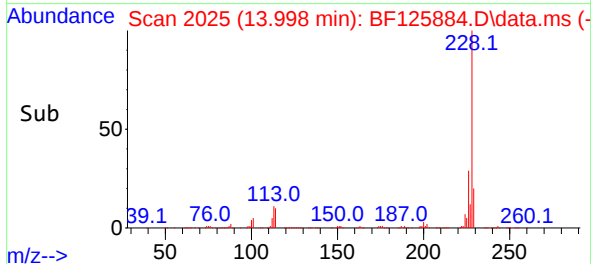
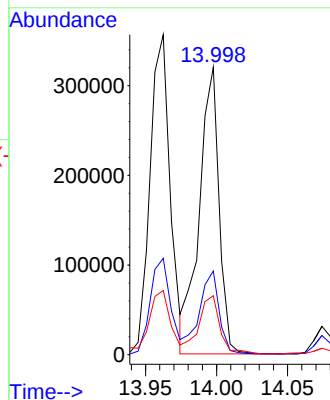
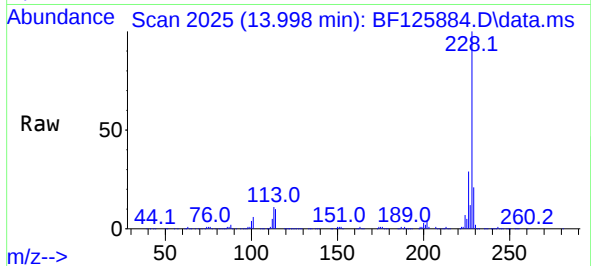
#83
Chrysene
Concen: 12.81 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

Tgt Ion:	228	Resp:	310547
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.6	34.0
229	20.6	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
TP1-(S)

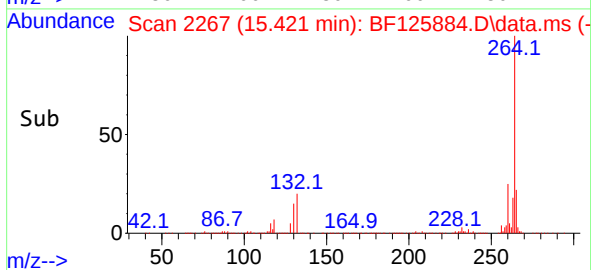
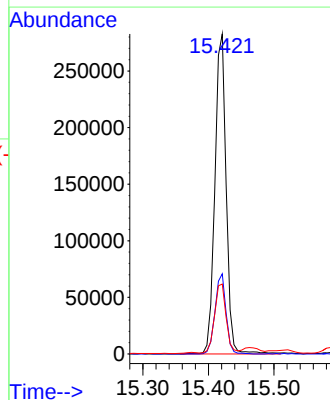
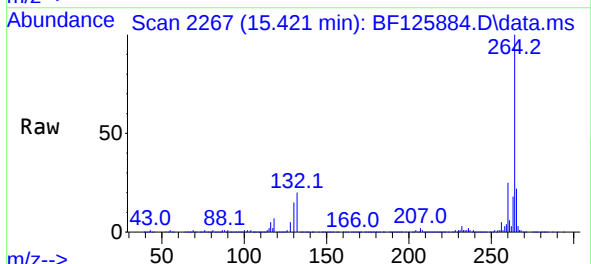
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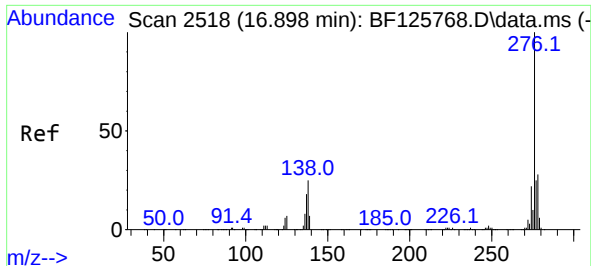
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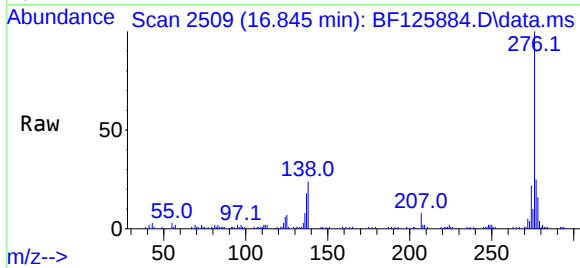
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

Tgt Ion:	264	Resp:	337549
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.6	29.4
265	21.8	17.2	25.8

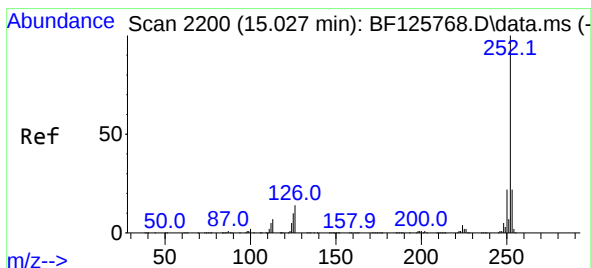
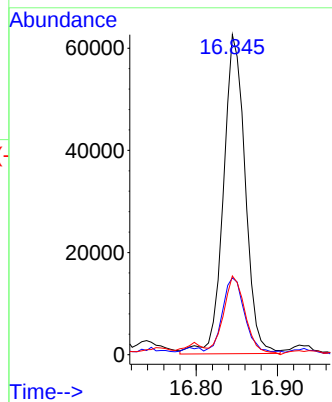
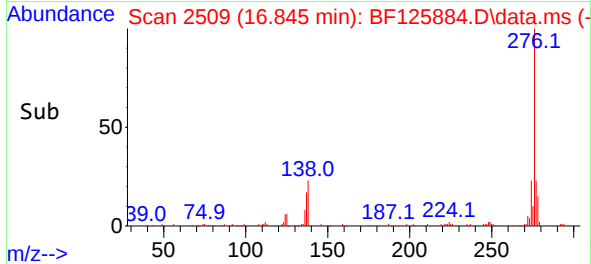




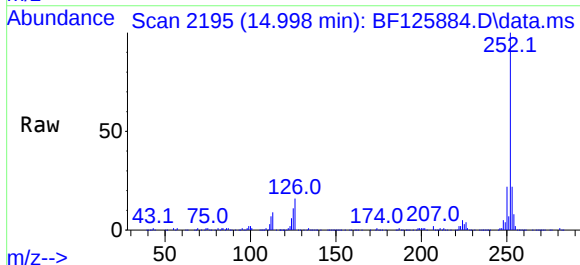
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.53 ng
RT: 16.845 min Scan# 2509
Delta R.T. -0.018 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52



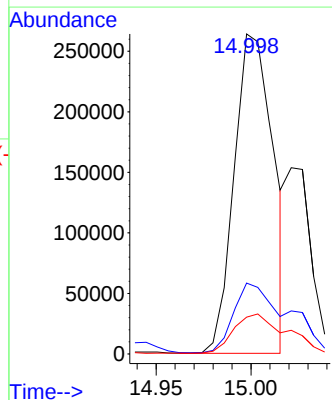
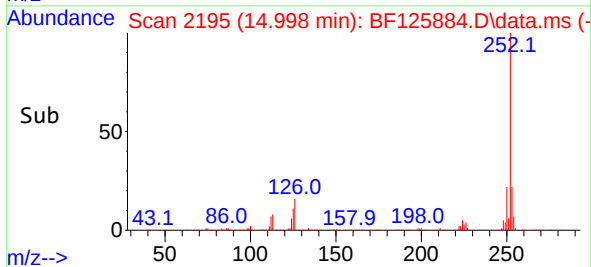
Tgt Ion: 276 Resp: 116606
Ion Ratio Lower Upper
276 100
138 25.8 24.1 36.1
277 24.6 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 19.91 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52



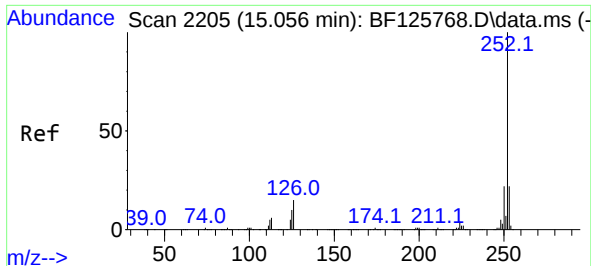
Tgt Ion: 252 Resp: 379453
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 11.5 9.8 14.8



Instrument :
BNA_F
ClientSampleId :
TP1-(S)

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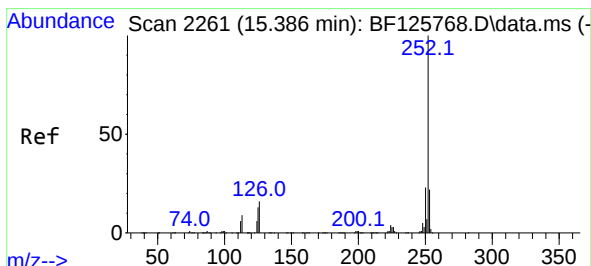
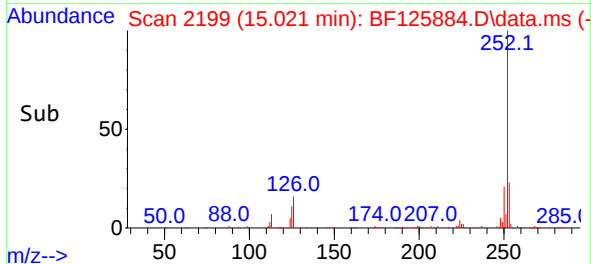
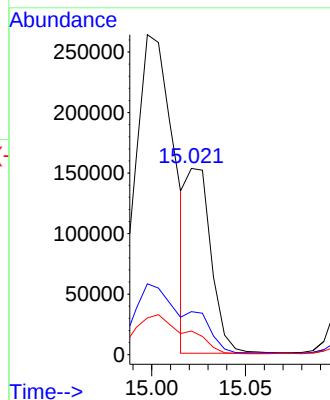
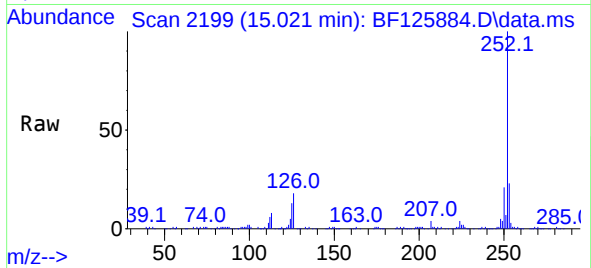
#89
Benzo(k)fluoranthene
Concen: 7.01 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

Tgt Ion:252 Resp: 137164
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 12.7 7.2 10.8#

Instrument :
BNA_F
ClientSampled :
TP1-(S)

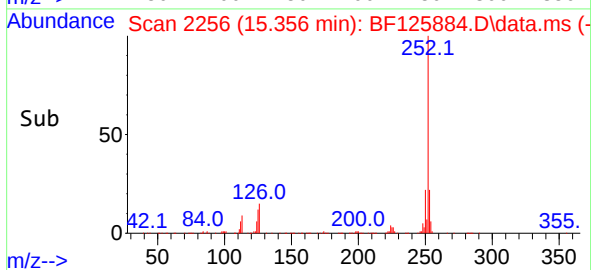
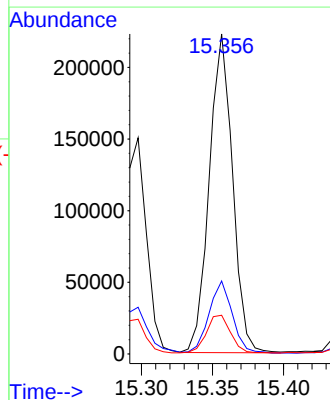
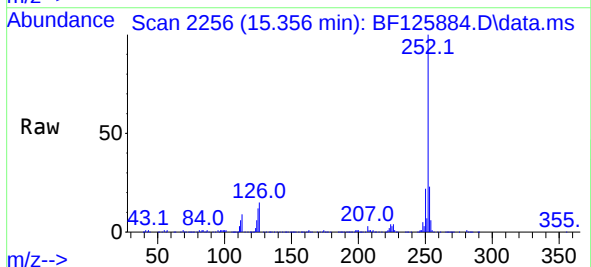
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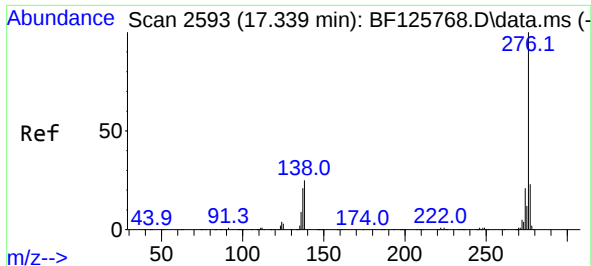
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#90
Benzo(a)pyrene
Concen: 15.01 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

Tgt Ion:252 Resp: 253358
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 12.1 9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 4.83 ng
RT: 17.280 min Scan# 2583
Delta R.T. -0.018 min
Lab File: BF125884.D
Acq: 18 Oct 2021 18:52

Tgt Ion: 276 Resp: 104734
Ion Ratio Lower Upper
276 100
277 23.1 22.0 33.0
138 26.6 22.2 33.4

Instrument :
BNA_F
ClientSampleId :
TP1-(S)

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