

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125836.D
 Acq On : 13 Oct 2021 20:24
 Operator : JU/CG
 Sample : M4150-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDR-20211007-WC

Manual Integrations
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 10/14/2021 10:55:36 AM

Quant Time: Oct 14 09:04:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	184266	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	661989	20.00	ng	# 0.00
39) Acenaphthene-d10	9.880	164	293817	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	500564	20.00	ng	0.00
76) Chrysene-d12	13.998	240	306923	20.00	ng	0.00
86) Perylene-d12	15.462	264	255330	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1050498	93.13	ng	0.00
7) Phenol-d6	6.475	99	1226359	84.46	ng	0.00
23) Nitrobenzene-d5	7.404	82	693900	65.16	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	263784	90.93	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1175001	68.98	ng	0.00
79) Terphenyl-d14	12.945	244	1053539	52.29	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	295658	11.04	ng	99
72) Anthracene	11.439	178	88500	3.31	ng	100
75) Fluoranthene	12.574	202	621858	25.73	ng	97
78) Pyrene	12.804	202	661841	21.23	ng	97
81) Benzo(a)anthracene	13.992	228	450209	22.61	ng	94
83) Chrysene	14.027	228	427655	21.73	ng	95
87) Indeno(1,2,3-cd)pyrene	16.927	276	528123m	27.10	ng	
88) Benzo(b)fluoranthene	15.039	252	842957m	58.48	ng	
89) Benzo(k)fluoranthene	15.062	252	262148m	17.71	ng	
90) Benzo(a)pyrene	15.404	252	726816	56.94	ng	100
91) Dibenzo(a,h)anthracene	16.933	278	124050m	7.72	ng	
92) Benzo(g,h,i)perylene	17.368	276	551505	33.59	ng	93

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

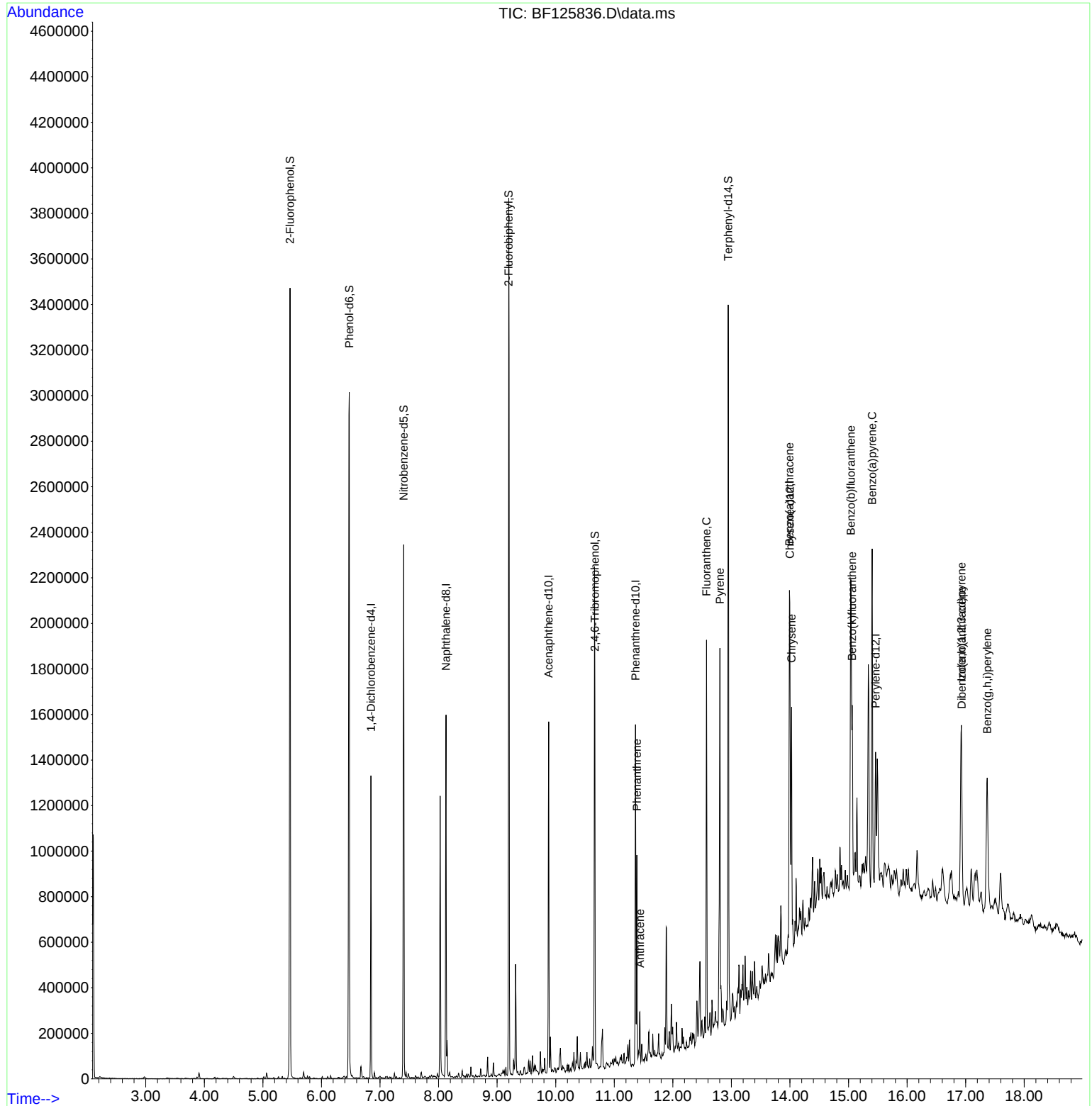
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125836.D
Acq On : 13 Oct 2021 20:24
Operator : JU/CG
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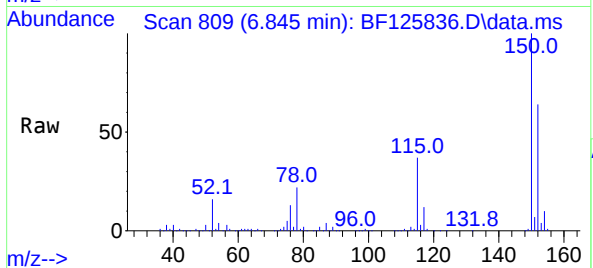
Quant Time: Oct 14 09:04:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

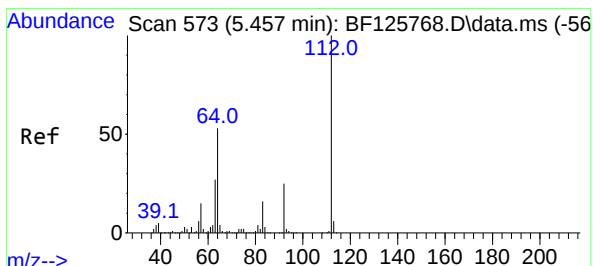
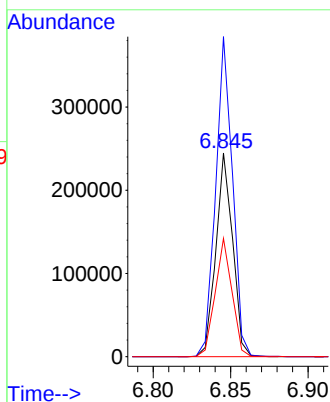
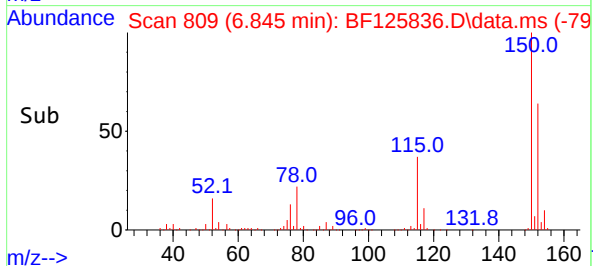
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BNA_F
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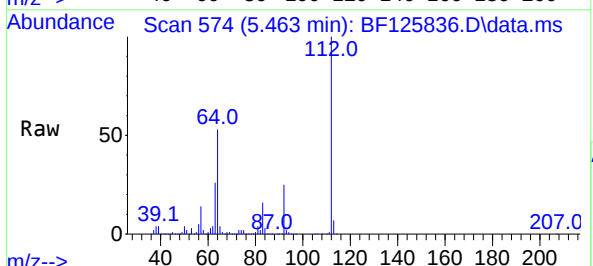
Tgt Ion:152 Resp: 184266
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 58.1 47.1 70.7

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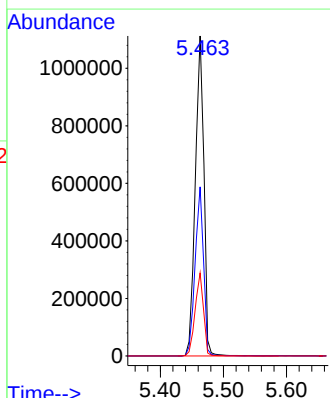
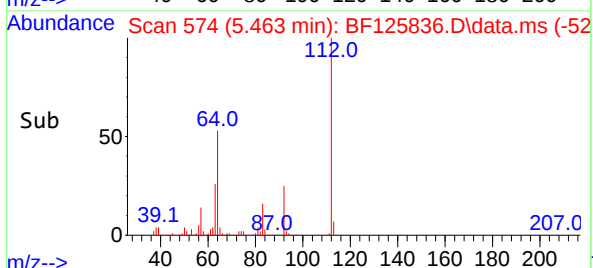
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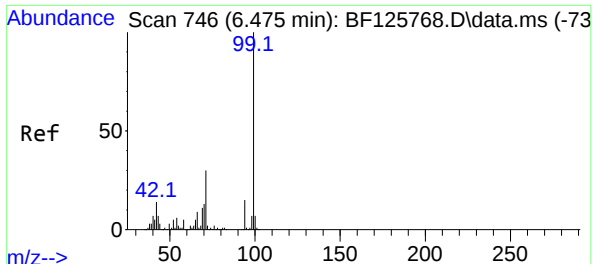


#5
2-Fluorophenol
Concen: 93.13 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24



Tgt Ion:112 Resp: 1050498
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 25.9 26.2 39.2#





#7
Phenol-d6
Concen: 84.46 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

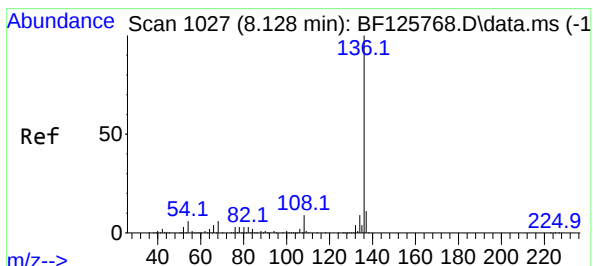
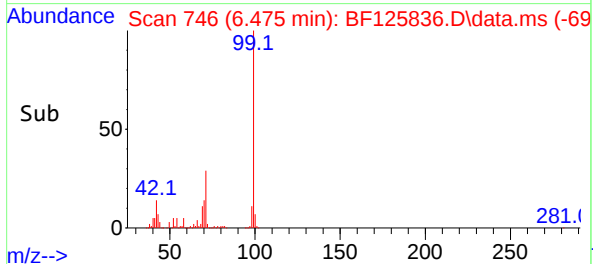
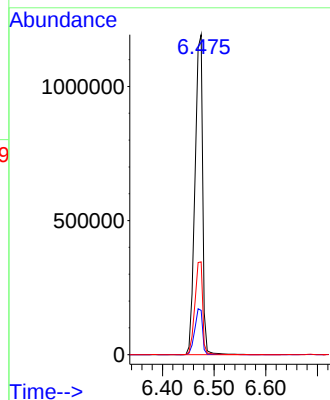
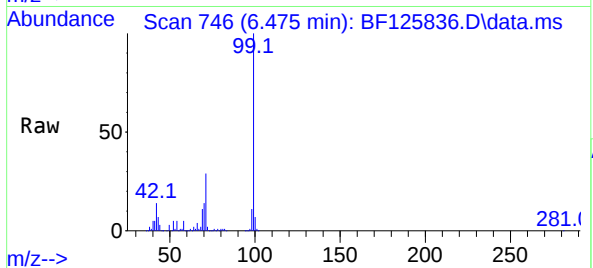
Tgt Ion: 99 Resp: 1226359

Ion	Ratio	Lower	Upper
99	100		
42	13.9	23.5	35.3#
71	29.0	25.6	38.4

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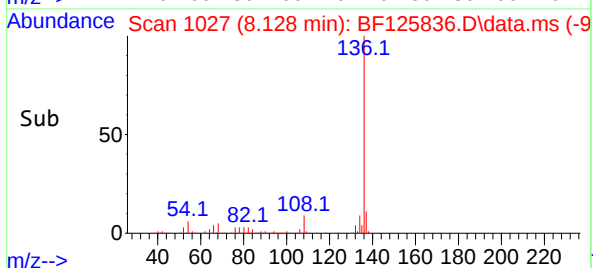
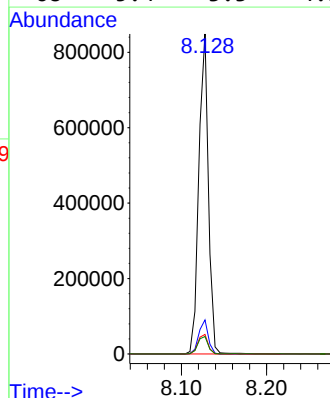
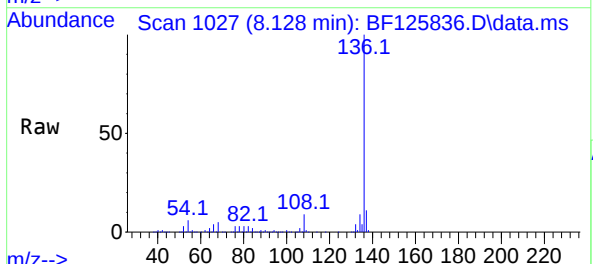
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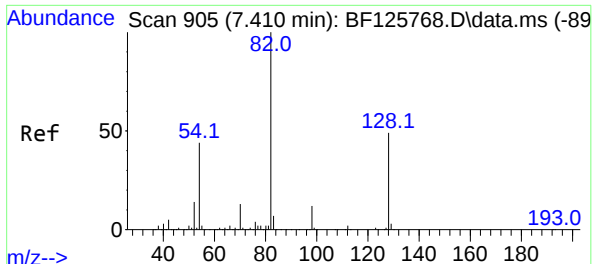


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

Tgt Ion: 136 Resp: 661989

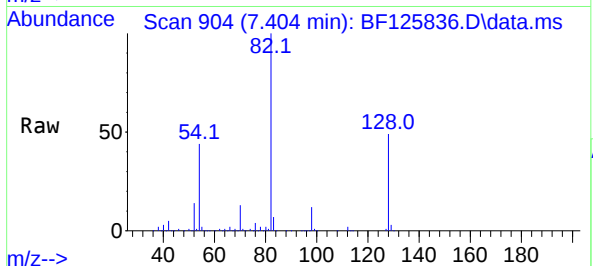
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.1	6.4	9.6#
68	5.4	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 65.16 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

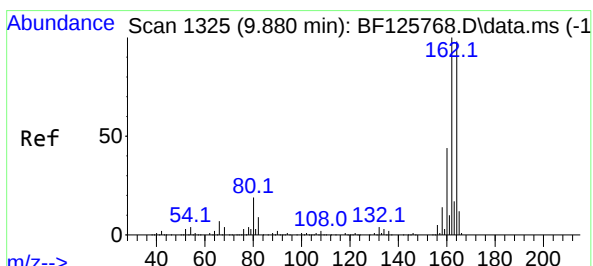
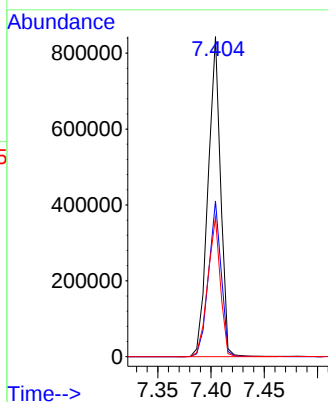
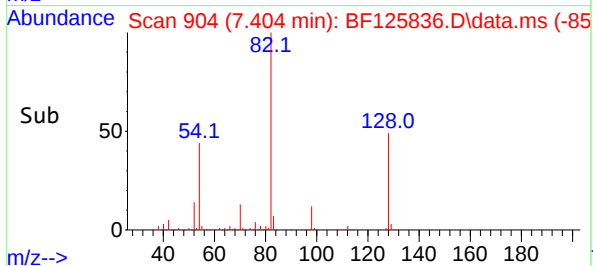
Instrument :
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ClientSampleId :
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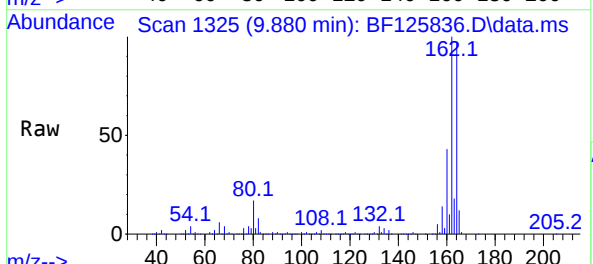
Tgt Ion: 82 Resp: 693900
Ion Ratio Lower Upper
82 100
128 48.7 40.6 60.8
54 43.6 49.6 74.4#

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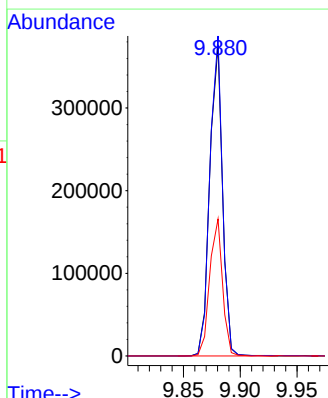
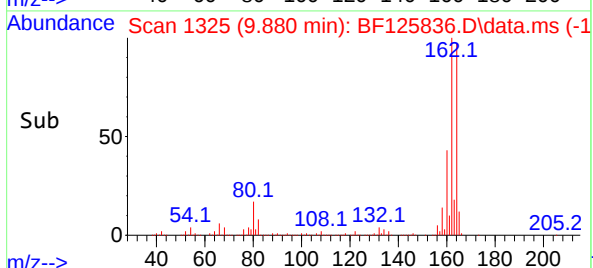
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

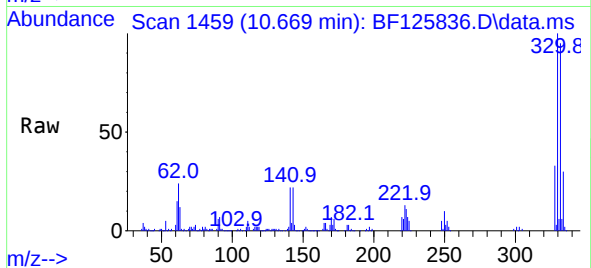


Tgt Ion: 164 Resp: 293817
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 44.1 38.0 57.0

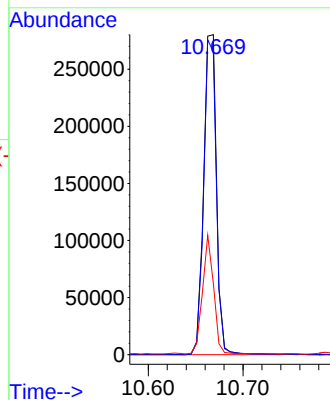
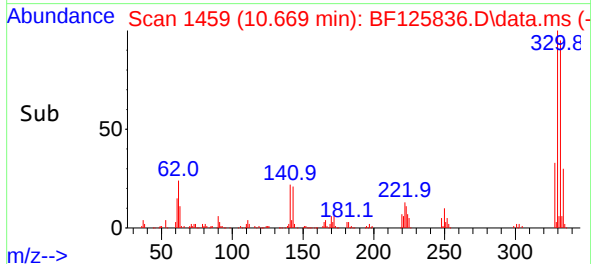




#42
2,4,6-Tribromophenol
Concen: 90.93 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24



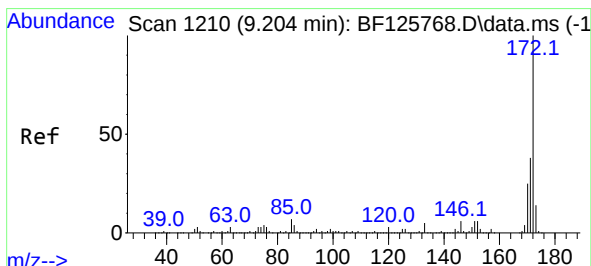
Tgt Ion: 330 Resp: 263784
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 32.5 44.6 66.8#



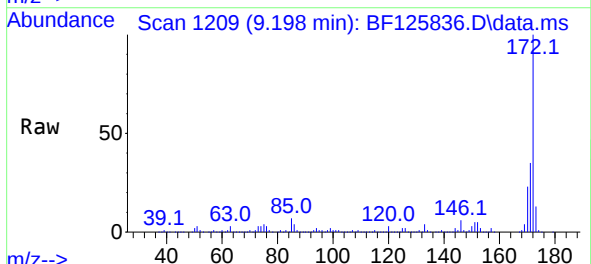
Instrument :
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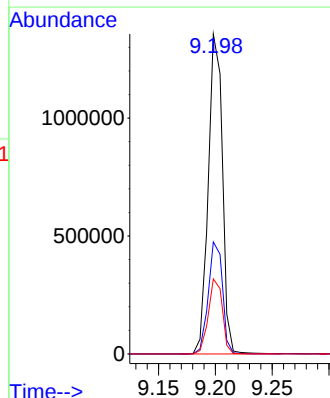
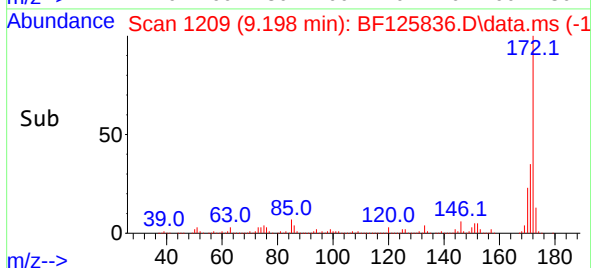
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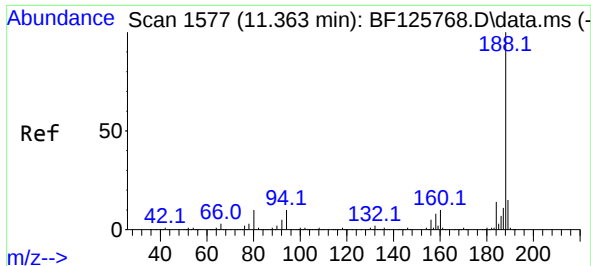


#45
2-Fluorobiphenyl
Concen: 68.98 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24



Tgt Ion: 172 Resp: 1175001
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.5 18.8 28.2





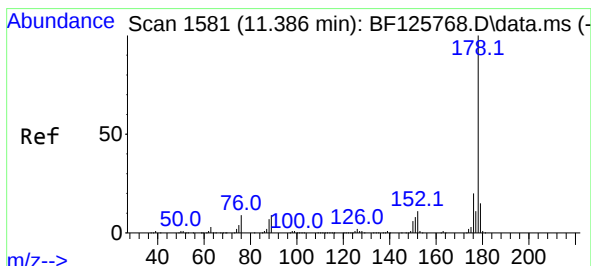
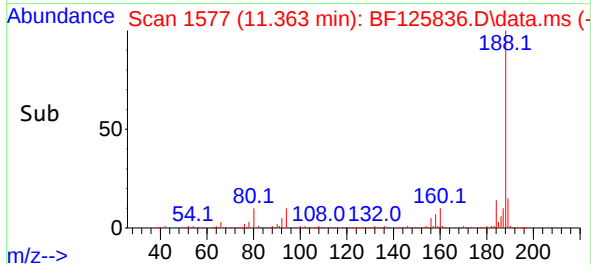
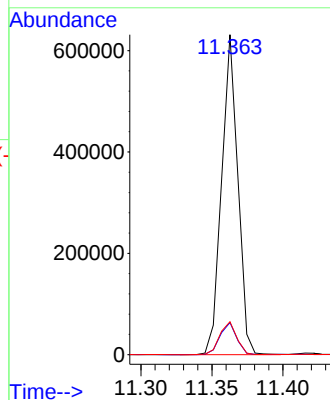
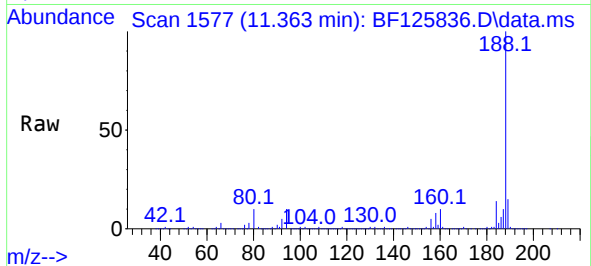
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

Tgt Ion:188 Resp: 500564
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.3 7.5 11.3

Instrument :
BNA_F
ClientSampleId :
FDR-20211007-WC

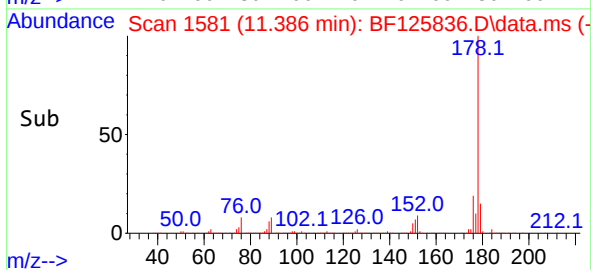
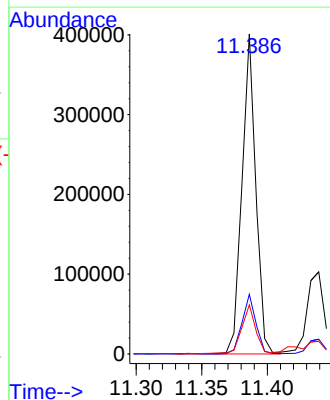
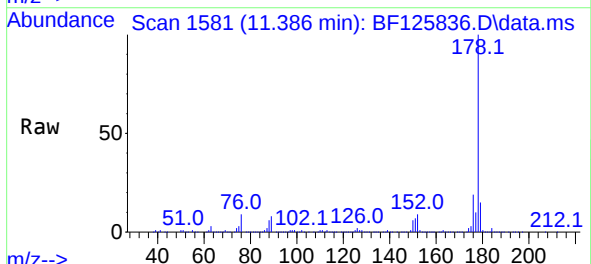
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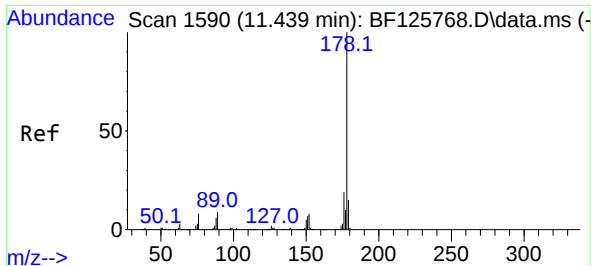
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#71
Phenanthrene
Concen: 11.04 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

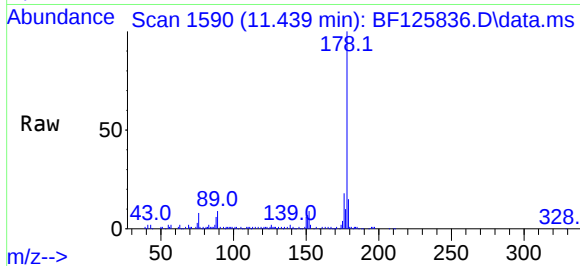
Tgt Ion:178 Resp: 295658
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 11.5 17.3





#72
 Anthracene
 Concen: 3.31 ng
 RT: 11.439 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF125836.D
 Acq: 13 Oct 2021 20:24

Instrument :
 BNA_F
 ClientSampleId :
 FDR-20211007-WC

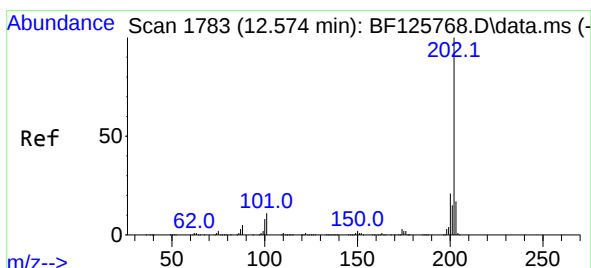
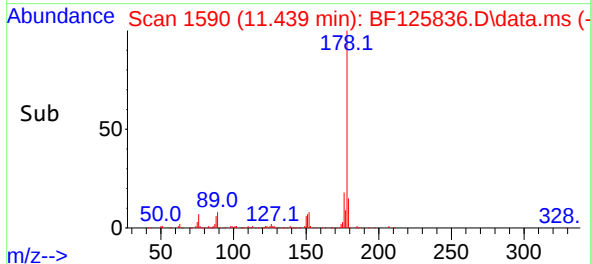
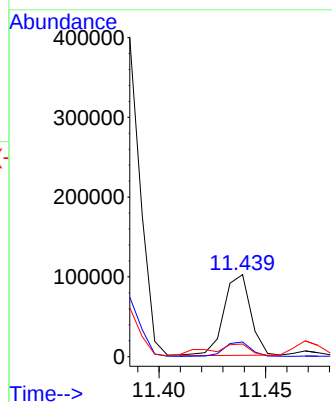


Tgt Ion:178 Resp: 88500

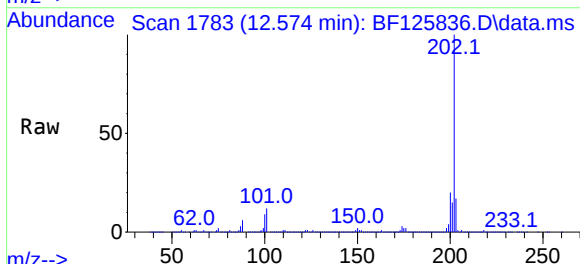
Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.3	21.5
179	15.4	12.2	18.4

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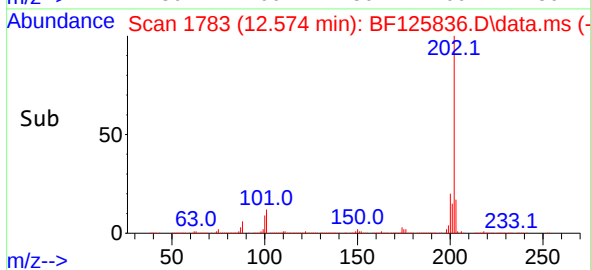
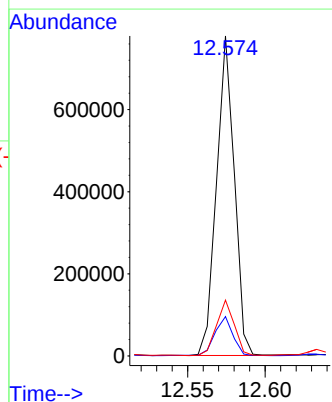


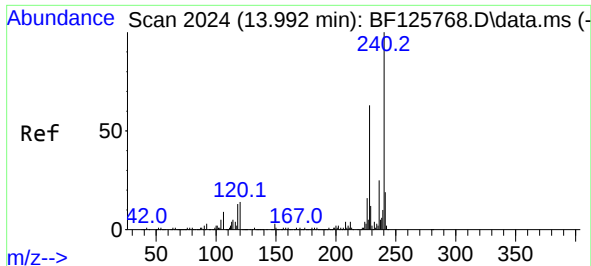
#75
 Fluoranthene
 Concen: 25.73 ng
 RT: 12.574 min Scan# 1783
 Delta R.T. -0.000 min
 Lab File: BF125836.D
 Acq: 13 Oct 2021 20:24



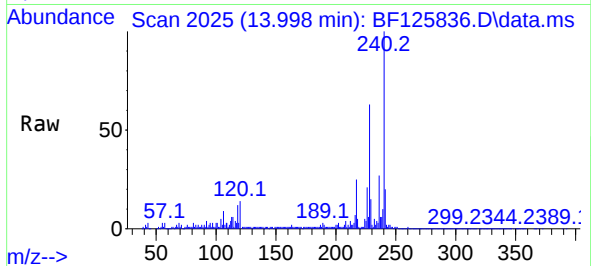
Tgt Ion:202 Resp: 621858

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.7
203	17.5	0.0	36.3

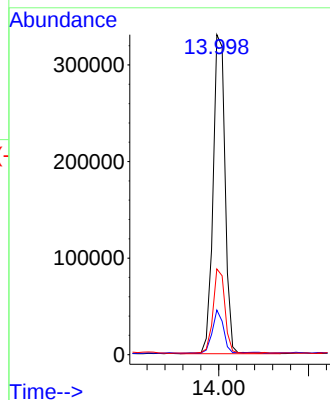
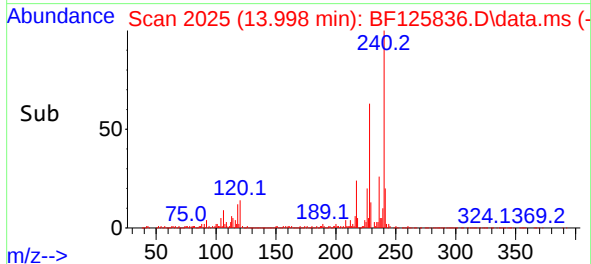




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24



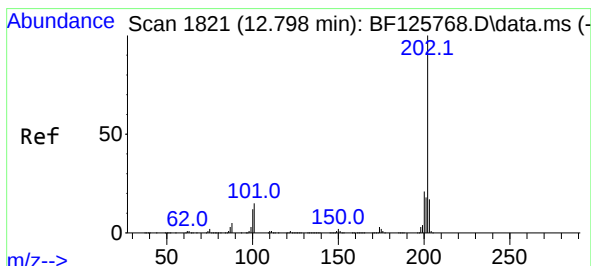
Tgt Ion:240 Resp: 306923
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 26.8 21.6 32.4



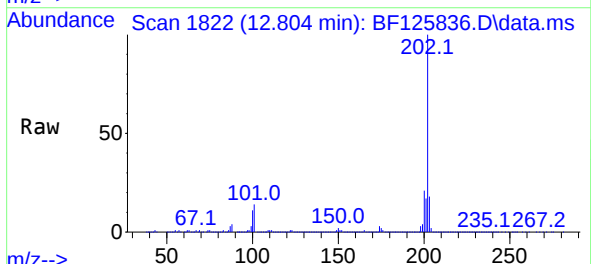
Instrument :
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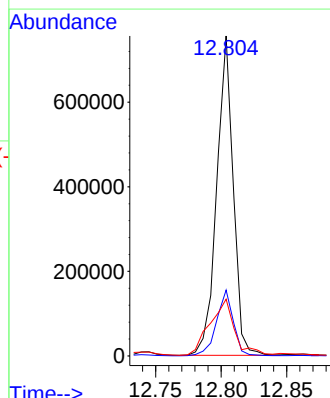
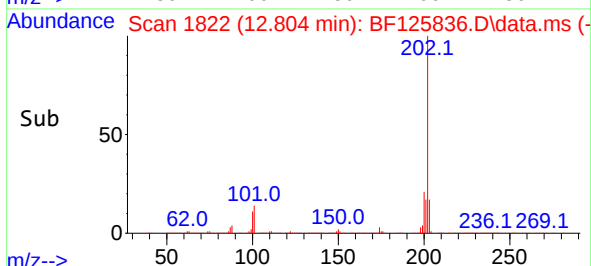
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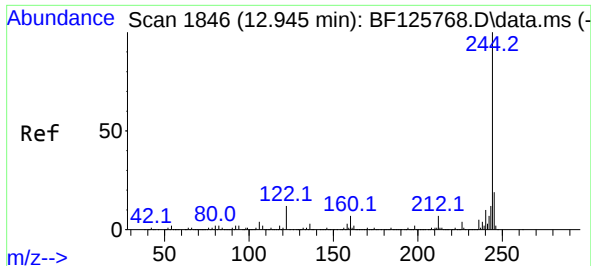


#78
Pyrene
Concen: 21.23 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

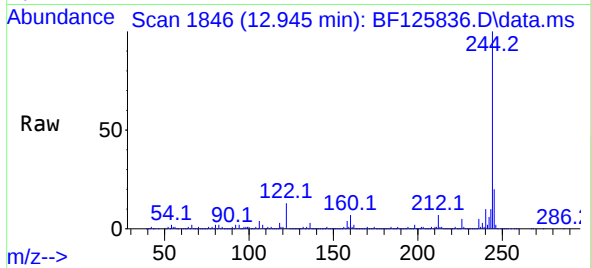


Tgt Ion:202 Resp: 661841
Ion Ratio Lower Upper
202 100
200 20.6 15.3 22.9
203 17.7 13.4 20.0

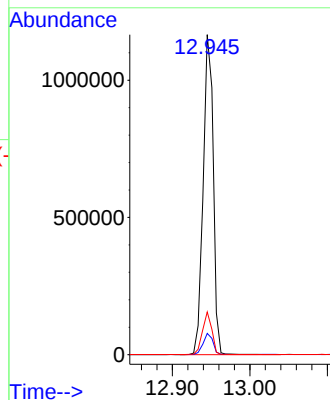
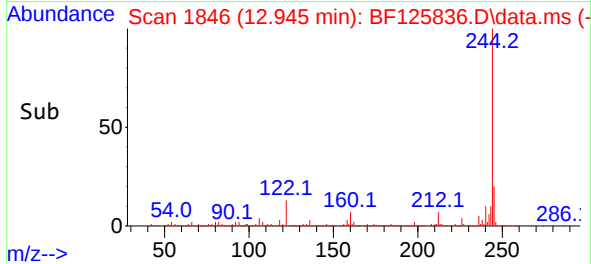




#79
Terphenyl-d14
Concen: 52.29 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24



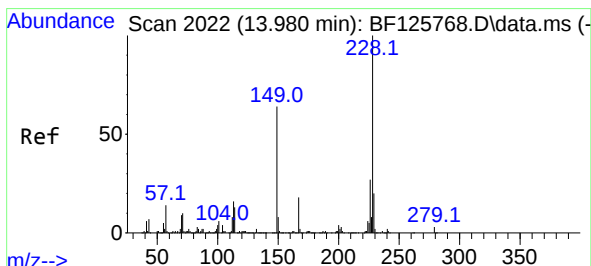
Tgt Ion:244 Resp: 1053539
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 13.4 9.0 13.4



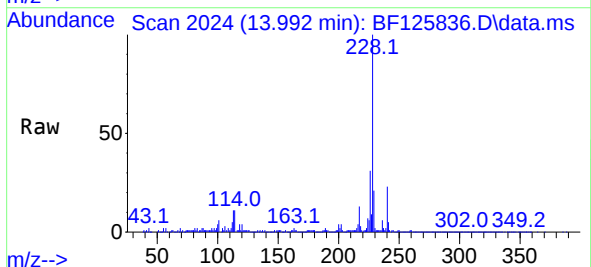
Instrument :
BNA_F
ClientSampleId :
FDR-20211007-WC

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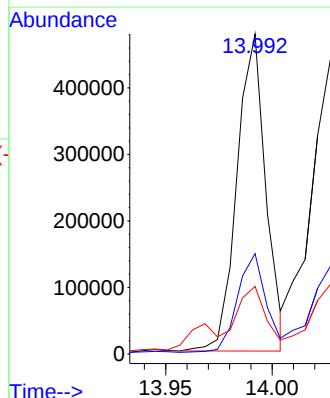
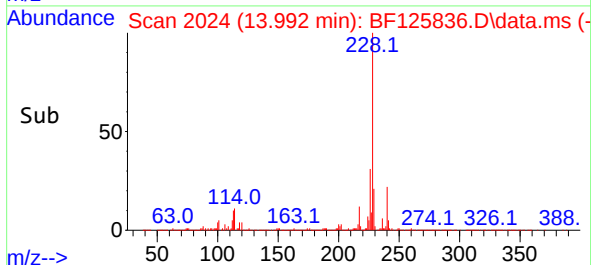
mohammad
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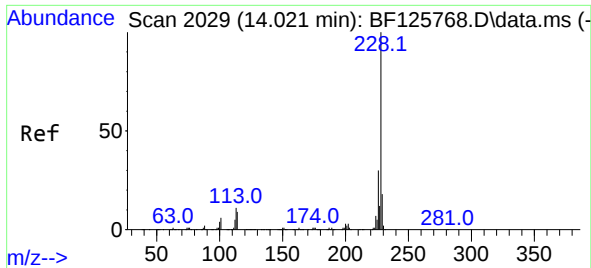


#81
Benzo(a)anthracene
Concen: 22.61 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24



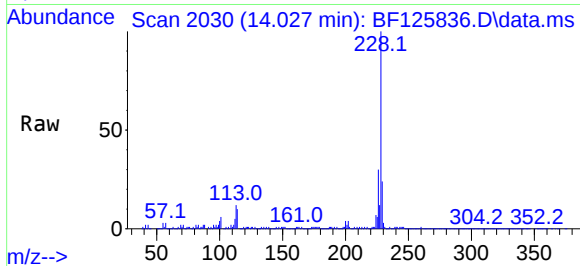
Tgt Ion:228 Resp: 450209
Ion Ratio Lower Upper
228 100
226 31.4 21.6 32.4
229 21.1 15.6 23.4





#83
Chrysene
Concen: 21.73 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

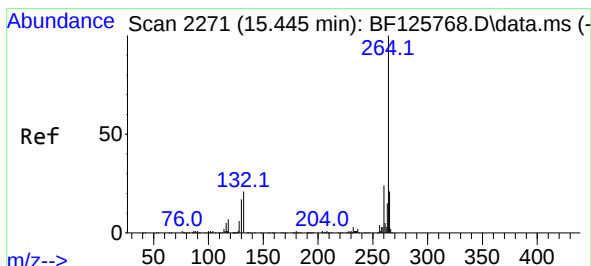
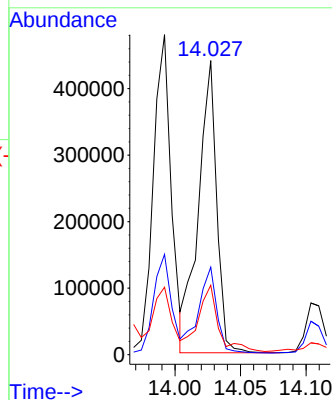
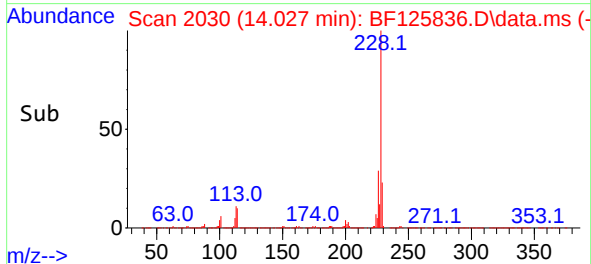
Instrument :
BNA_F
ClientSampleId :
FDR-20211007-WC



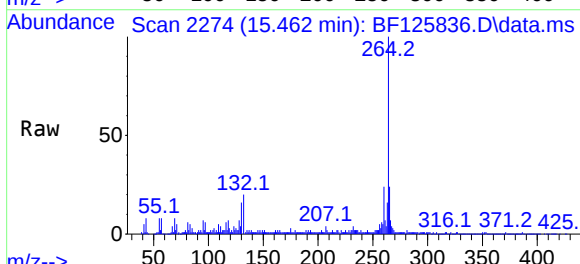
Tgt Ion:228 Resp: 427655
Ion Ratio Lower Upper
228 100
226 29.8 22.6 34.0
229 23.6 15.9 23.9

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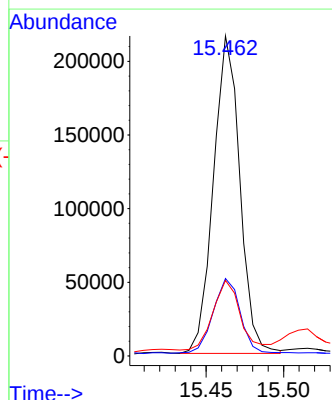
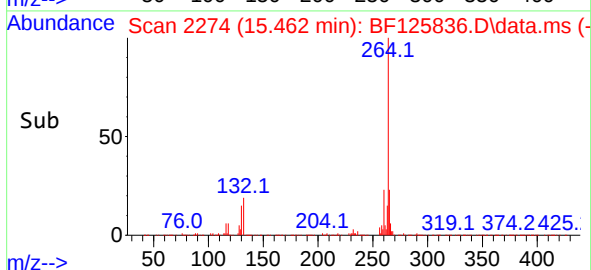
mohammad
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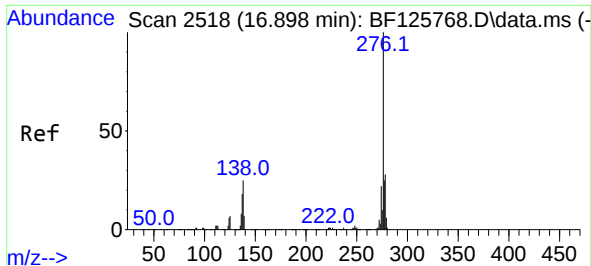


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.012 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24



Tgt Ion:264 Resp: 255330
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 23.6 17.2 25.8





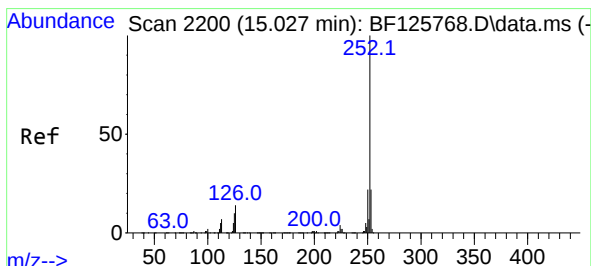
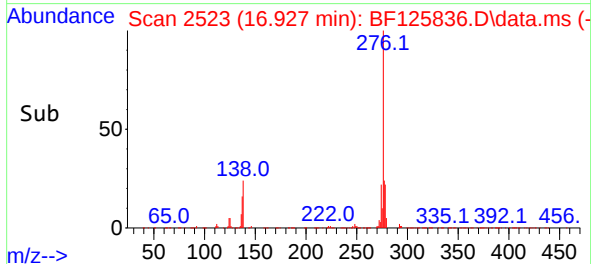
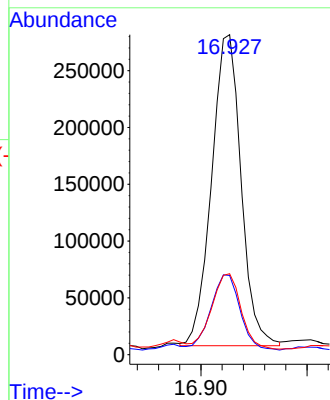
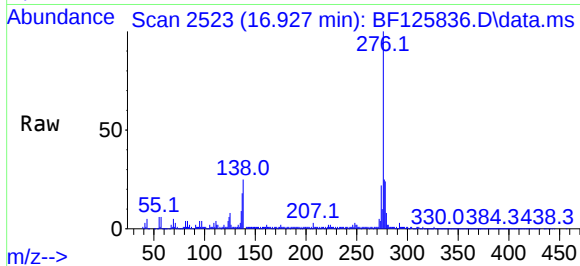
#87
Indeno(1,2,3-cd)pyrene
Concen: 27.10 ng m
RT: 16.927 min Scan# 2523
Delta R.T. 0.018 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

Tgt Ion:276 Resp: 528123
Ion Ratio Lower Upper
276 100
138 4.9 24.1 36.1#
277 4.6 18.8 28.2#

Instrument :
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ClientSampleId :
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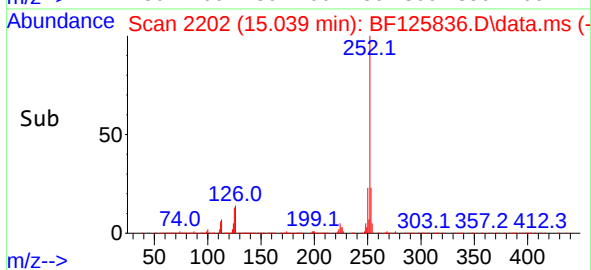
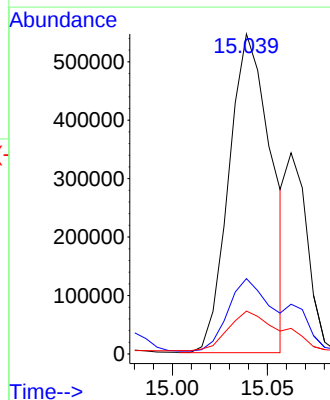
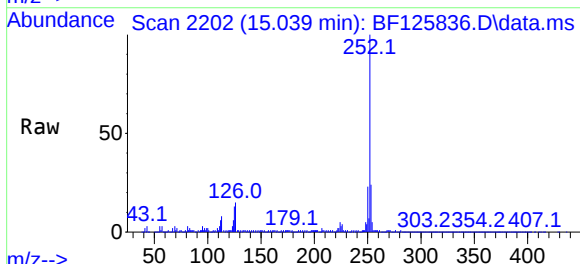
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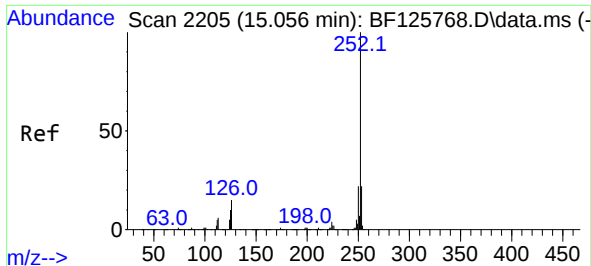
mohammad
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#88
Benzo(b)fluoranthene
Concen: 58.48 ng m
RT: 15.039 min Scan# 2202
Delta R.T. 0.012 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

Tgt Ion:252 Resp: 842957
Ion Ratio Lower Upper
252 100
253 23.5 16.8 25.2
125 13.4 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 17.71 ng m

RT: 15.062 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF125836.D

Acq: 13 Oct 2021 20:24

Tgt Ion:252	Resp: 262148
Ion Ratio	Lower Upper
252	100
253	24.8 17.8 26.8
125	12.7 7.2 10.8#

Instrument :

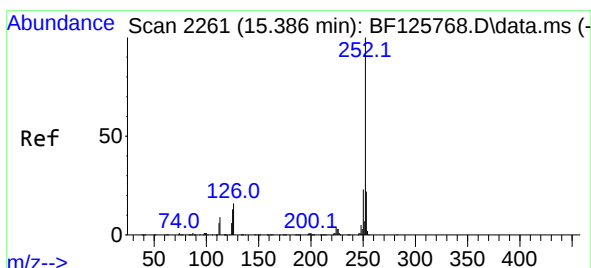
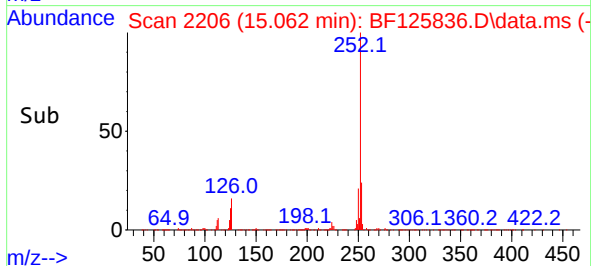
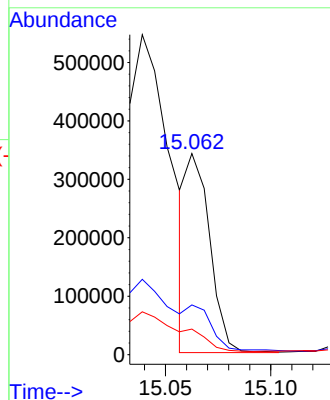
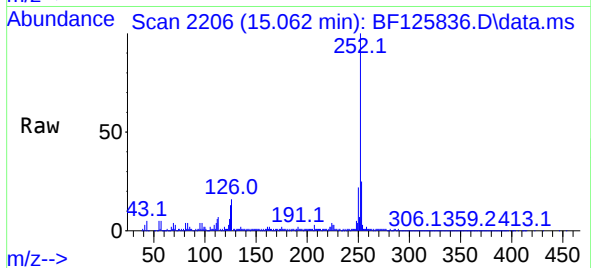
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ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 56.94 ng

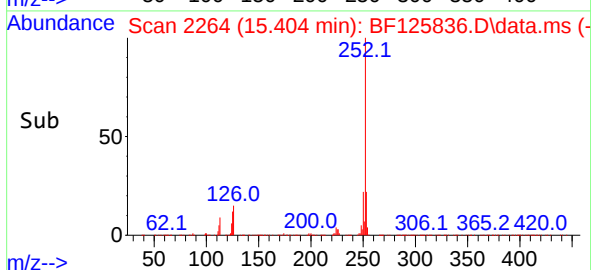
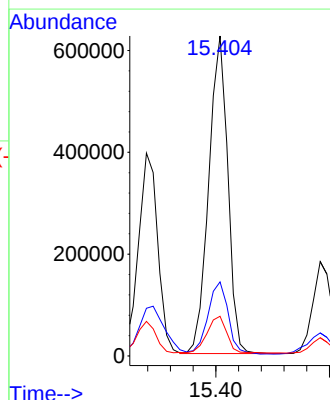
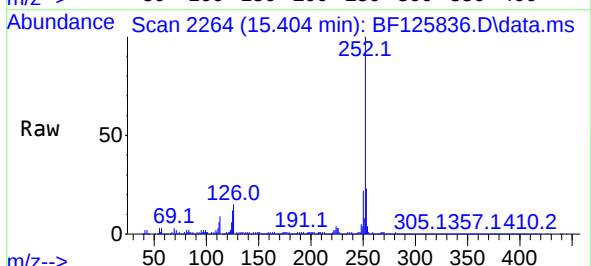
RT: 15.404 min Scan# 2264

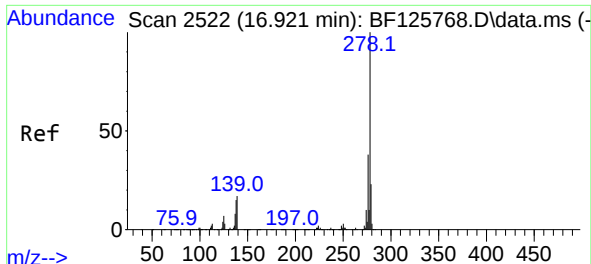
Delta R.T. 0.012 min

Lab File: BF125836.D

Acq: 13 Oct 2021 20:24

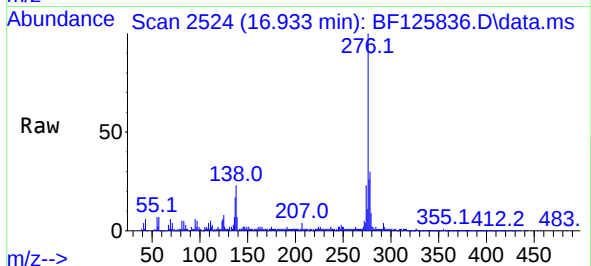
Tgt Ion:252	Resp: 726816
Ion Ratio	Lower Upper
252	100
253	23.2 18.4 27.6
125	12.4 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 7.72 ng m
RT: 16.933 min Scan# 2524
Delta R.T. 0.006 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24

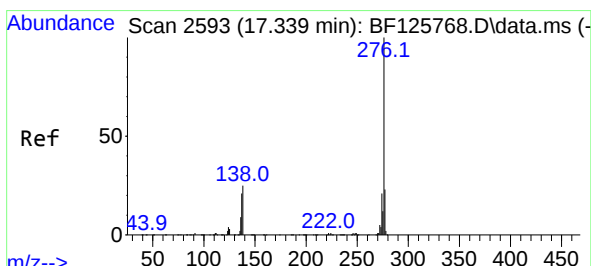
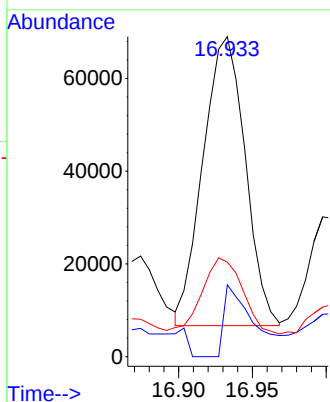
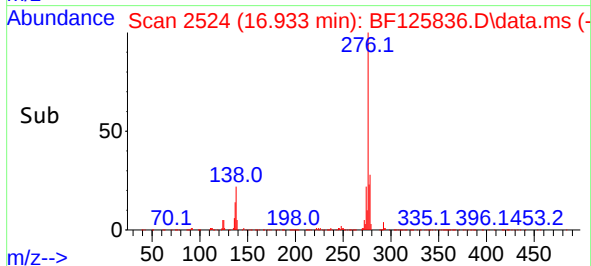
Instrument :
BNA_F
ClientSampleId :
FDR-20211007-WC



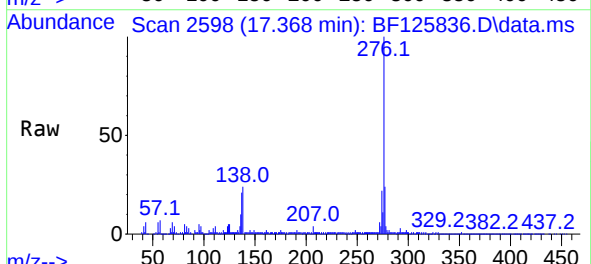
Tgt Ion:278 Resp: 124050
Ion Ratio Lower Upper
278 100
139 22.5 14.9 22.3#
279 29.6 19.7 29.5#

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#92
Benzo(g,h,i)perylene
Concen: 33.59 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.018 min
Lab File: BF125836.D
Acq: 13 Oct 2021 20:24



Tgt Ion:276 Resp: 551505
Ion Ratio Lower Upper
276 100
277 24.2 22.0 33.0
138 23.7 22.2 33.4

