

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125879.D
 Acq On : 18 Oct 2021 16:12
 Operator : JU/CG
 Sample : M4249-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-(D)

Manual Integrations
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Quant Time: Oct 19 09:07:24 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	172157	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	693002	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	352570	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	507233	20.00	ng	0.00
76) Chrysene-d12	13.968	240	357242	20.00	ng	0.00
86) Perylene-d12	15.421	264	338609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	970162	92.06	ng	0.00
7) Phenol-d6	6.451	99	1161851	85.64	ng	0.00
23) Nitrobenzene-d5	7.380	82	679930	60.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	277803	79.81	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1310603	64.12	ng	0.00
79) Terphenyl-d14	12.921	244	942029	40.17	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	8.916	142	42587	2.02	ng	93
58) Fluorene	10.398	166	72503	3.43	ng	98
71) Phenanthrene	11.363	178	361926	13.34	ng	98
72) Anthracene	11.410	178	67421	2.49	ng	100
75) Fluoranthene	12.545	202	215941	8.82	ng	95
78) Pyrene	12.774	202	200781	5.53	ng	98
81) Benzo(a)anthracene	13.962	228	95785	4.13	ng	96
83) Chrysene	13.998	228	84164	3.67	ng	97
88) Benzo(b)fluoranthene	14.998	252	89804m	4.70	ng	
90) Benzo(a)pyrene	15.356	252	63974	3.78	ng	96

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

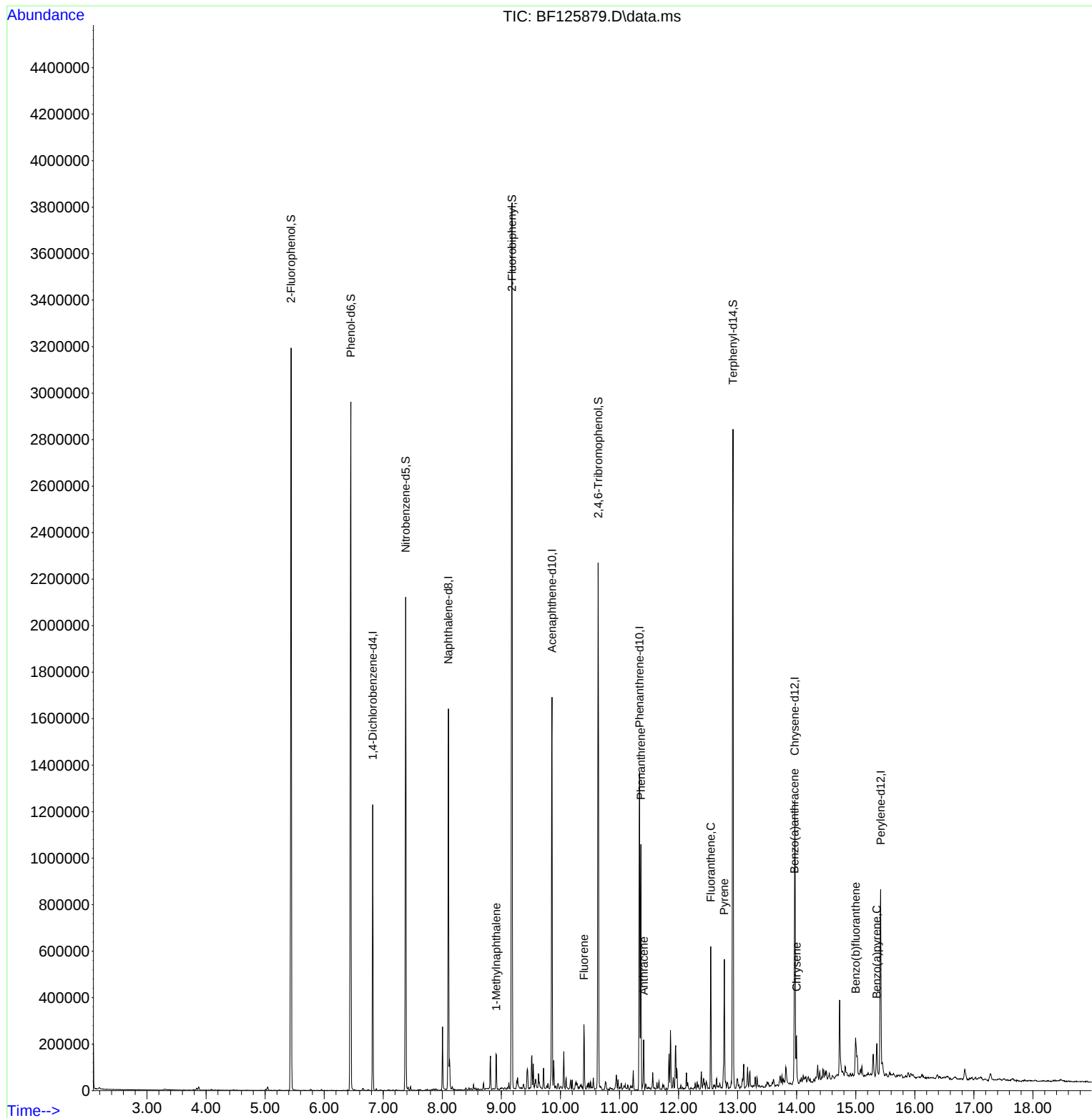
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125879.D
Acq On : 18 Oct 2021 16:12
Operator : JU/CG
Sample : M4249-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-(D)

Manual Integrations
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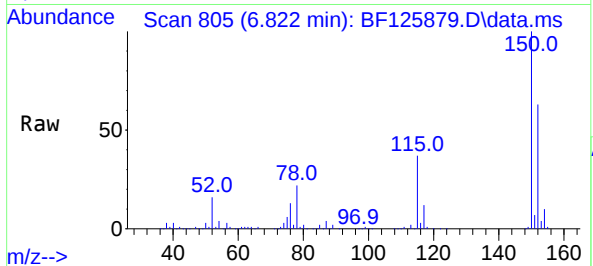
Quant Time: Oct 19 09:07:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

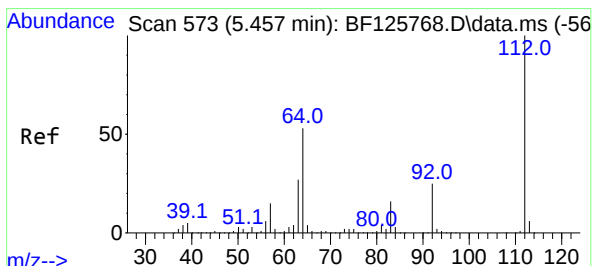
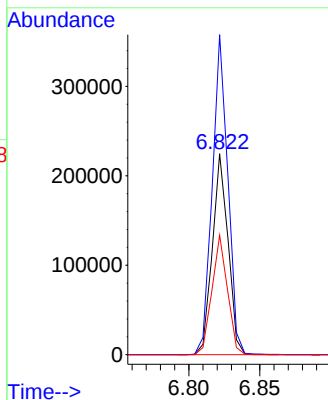
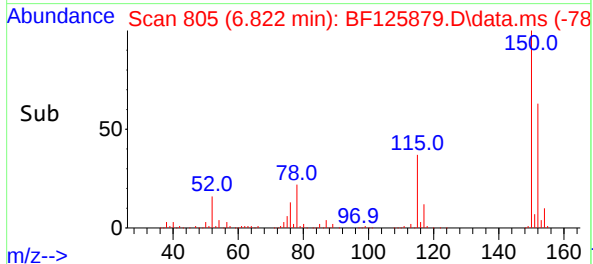
Instrument :
BNA_F
ClientSampleId :
TP2-(D)



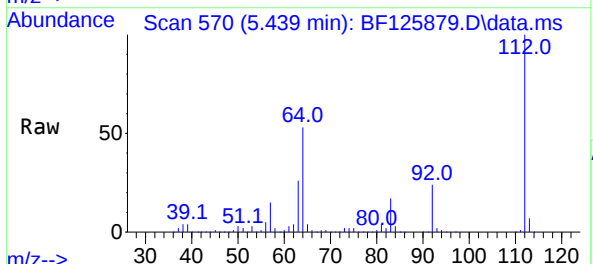
Tgt Ion:152 Resp: 172157
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 59.5 47.1 70.7

Manual Integrations
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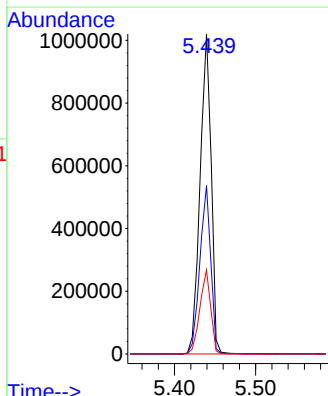
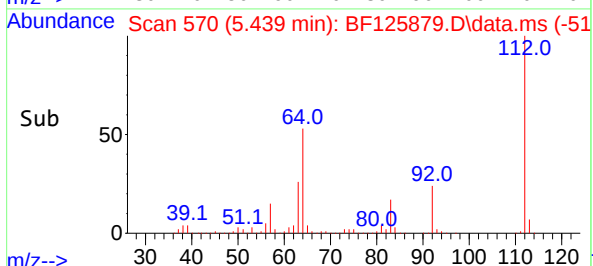
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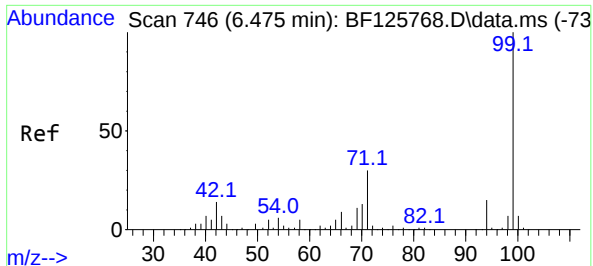


#5
2-Fluorophenol
Concen: 92.06 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12



Tgt Ion:112 Resp: 970162
Ion Ratio Lower Upper
112 100
64 52.6 44.2 66.2
63 26.2 26.2 39.2





#7
Phenol-d6
Concen: 85.64 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

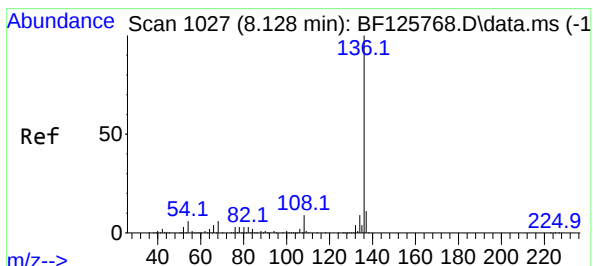
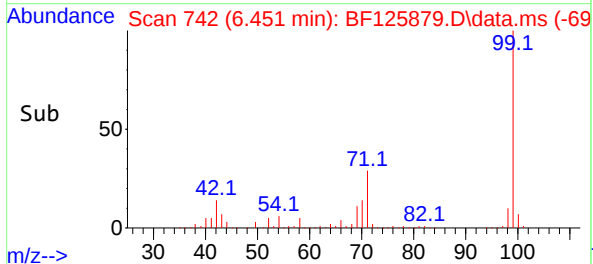
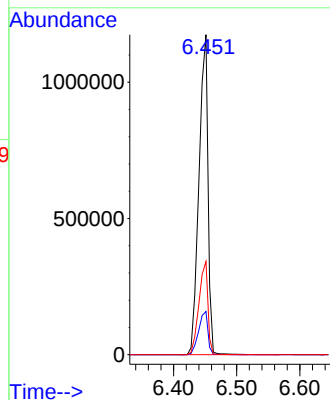
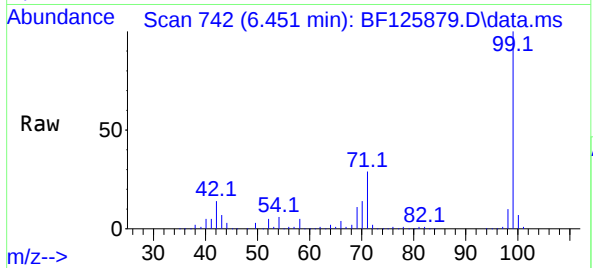
Tgt Ion: 99 Resp: 1161851

Ion	Ratio	Lower	Upper
99	100		
42	13.5	23.5	35.3#
71	29.1	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
TP2-(D)

Manual Integrations
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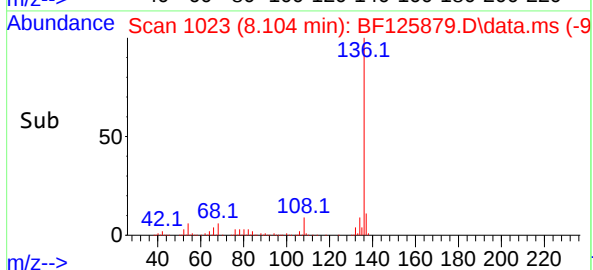
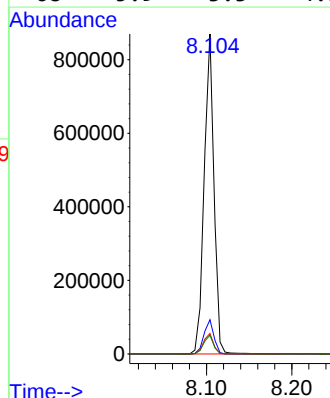
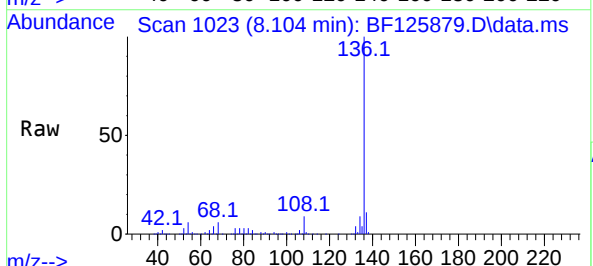
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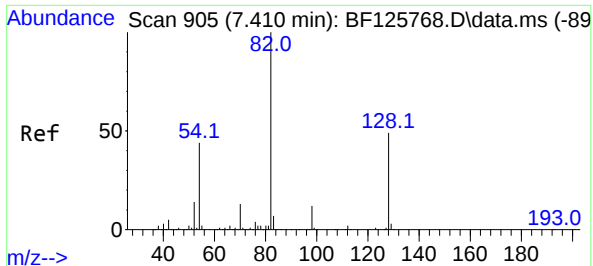


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion: 136 Resp: 693002

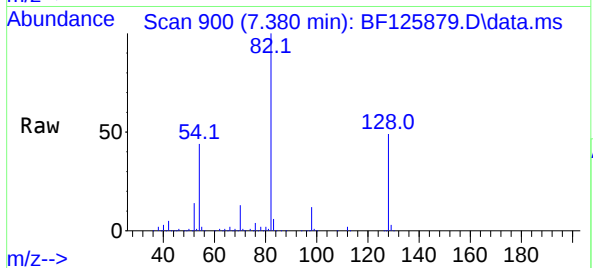
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	6.4	6.4	9.6
68	5.9	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 60.99 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

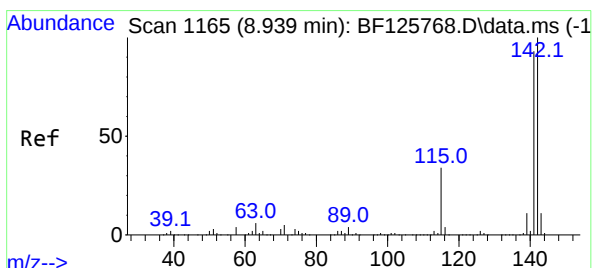
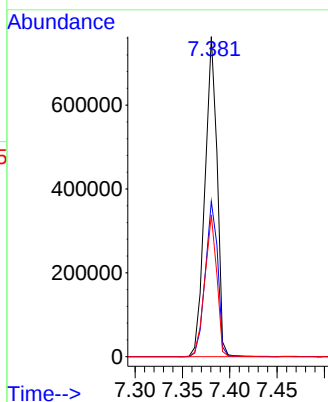
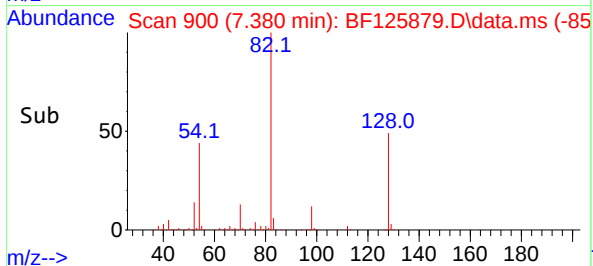
Instrument :
BNA_F
ClientSampled :
TP2-(D)



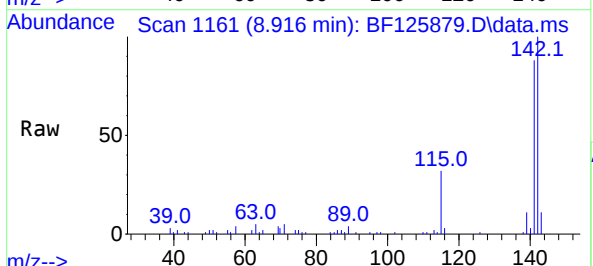
Tgt Ion: 82 Resp: 679930
Ion Ratio Lower Upper
82 100
128 48.5 40.6 60.8
54 44.3 49.6 74.4#

Manual Integrations
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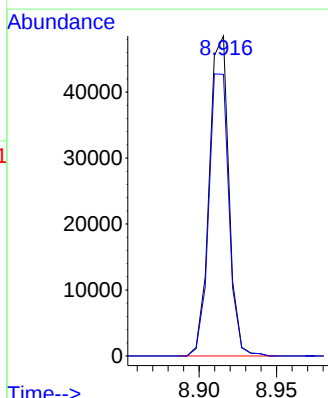
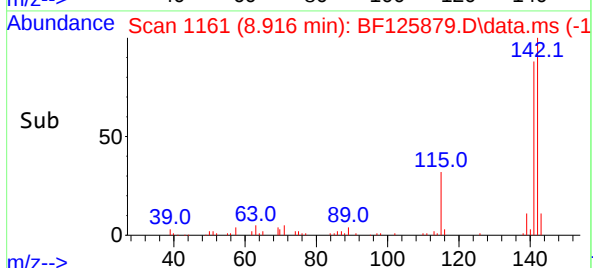
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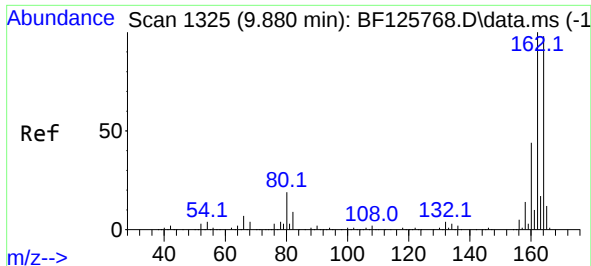


#38
1-Methylnaphthalene
Concen: 2.02 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

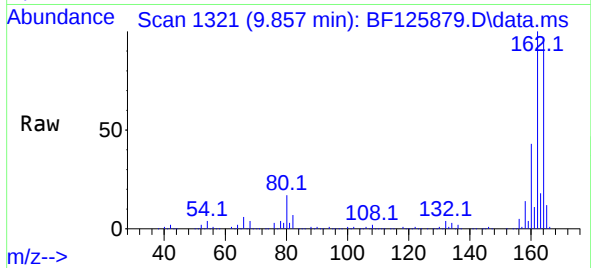


Tgt Ion: 142 Resp: 42587
Ion Ratio Lower Upper
142 100
141 88.0 76.0 114.0

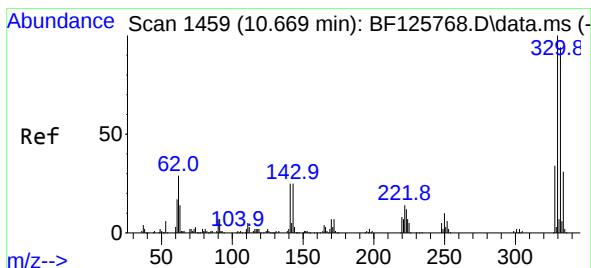
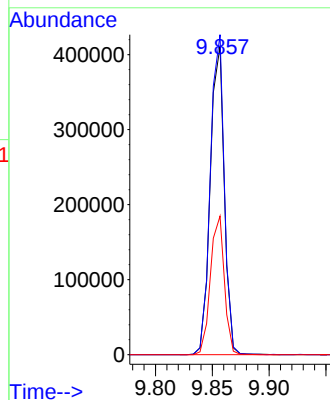
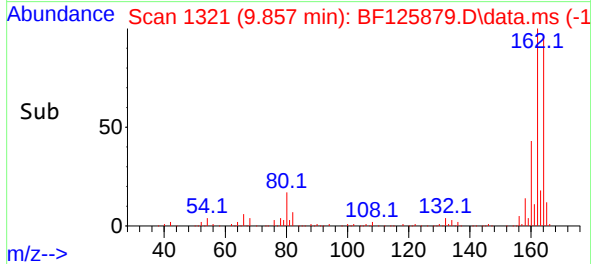




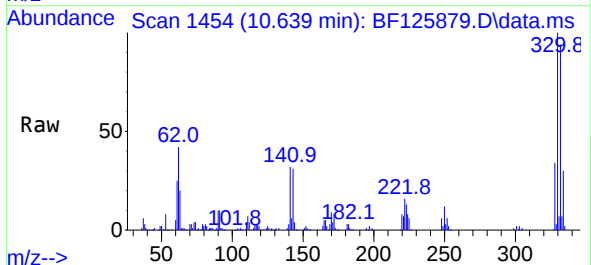
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12



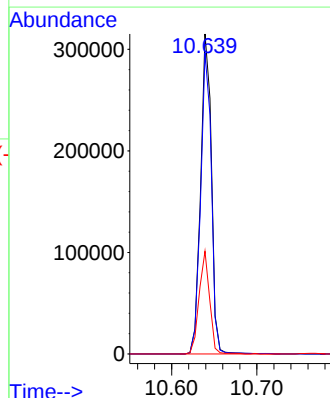
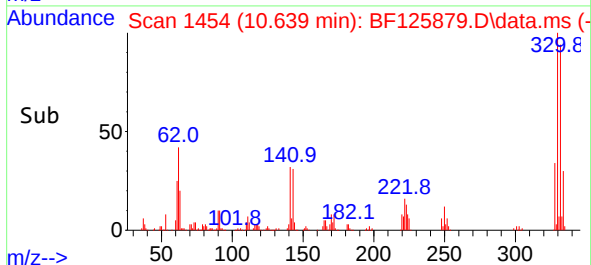
Tgt Ion:164 Resp: 352570
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 79.81 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12



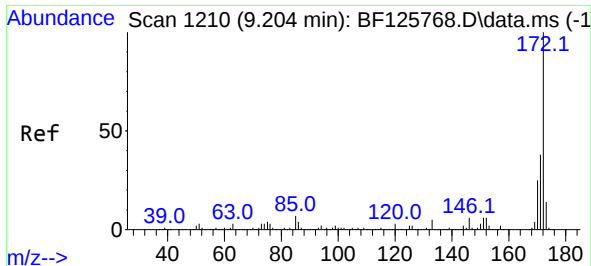
Tgt Ion:330 Resp: 277803
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.4
141 31.3 44.6 66.8#



Instrument :
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TP2-(D)

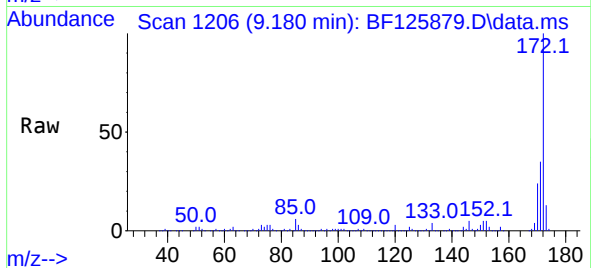
Manual Integrations
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#45
2-Fluorobiphenyl
Concen: 64.12 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

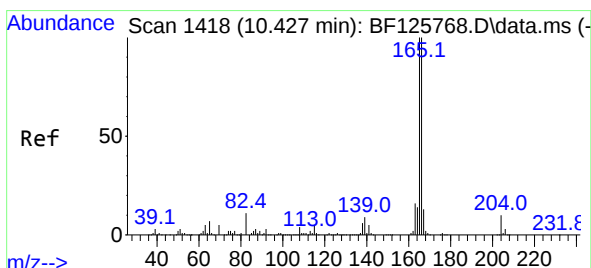
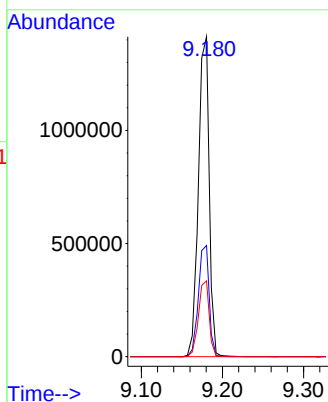
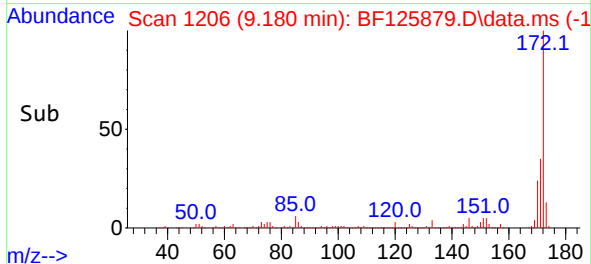
Instrument :
BNA_F
ClientSampled :
TP2-(D)



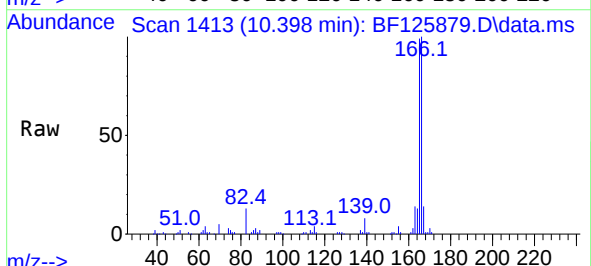
Tgt Ion:172 Resp: 1310603
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.7 18.8 28.2

Manual Integrations
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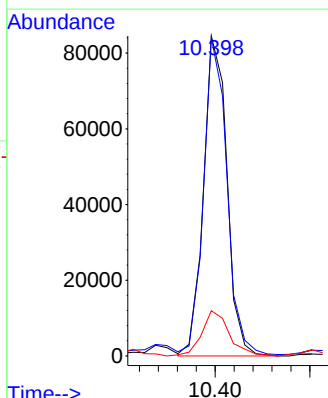
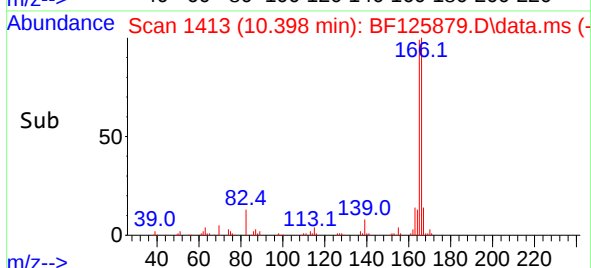
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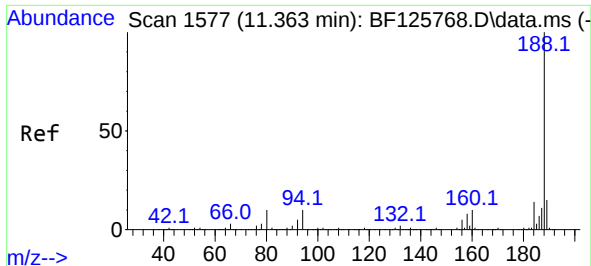


#58
Fluorene
Concen: 3.43 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12



Tgt Ion:166 Resp: 72503
Ion Ratio Lower Upper
166 100
165 99.5 78.1 117.1
167 14.2 11.1 16.7





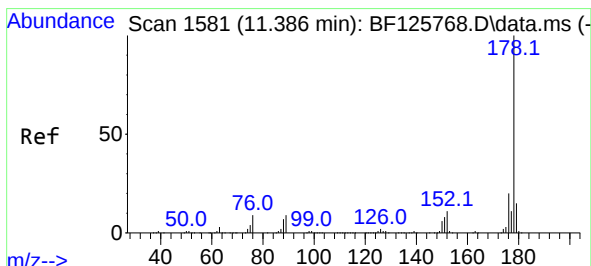
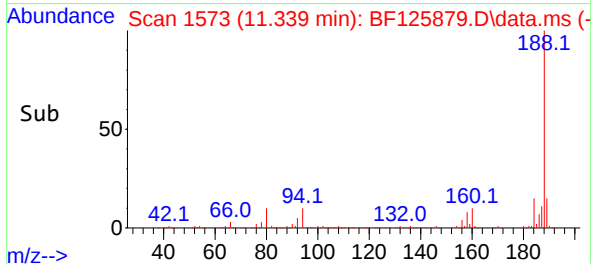
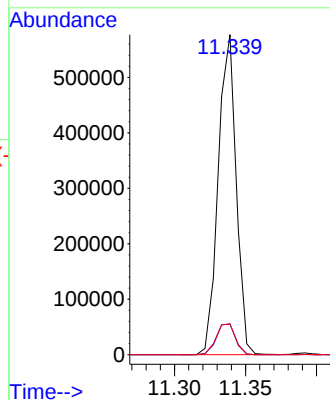
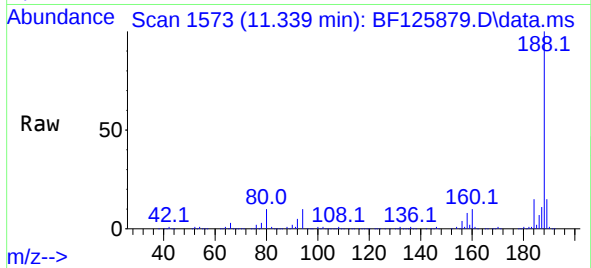
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion:188 Resp: 507233
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.6 7.5 11.3

Instrument :
BNA_F
ClientSampleId :
TP2-(D)

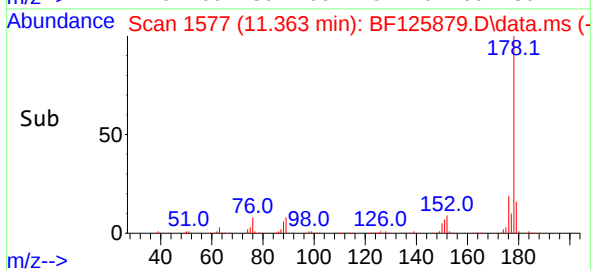
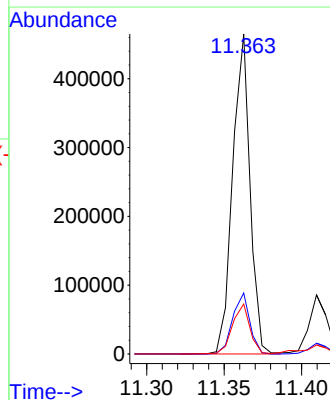
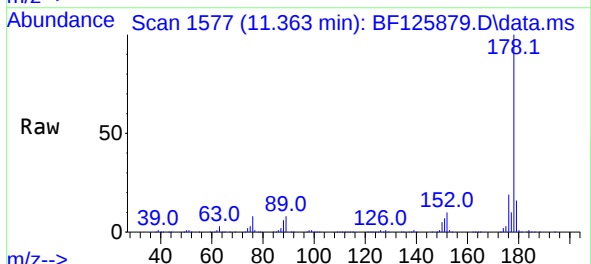
Manual Integrations
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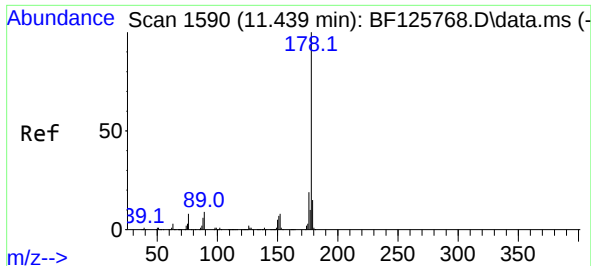
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#71
Phenanthrene
Concen: 13.34 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion:178 Resp: 361926
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.6 11.5 17.3





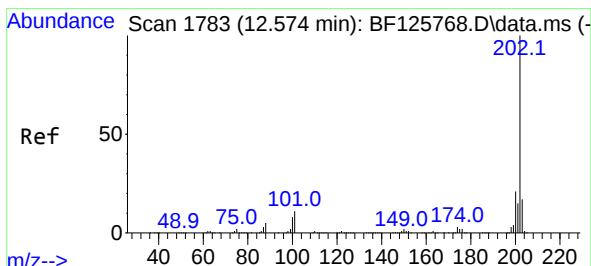
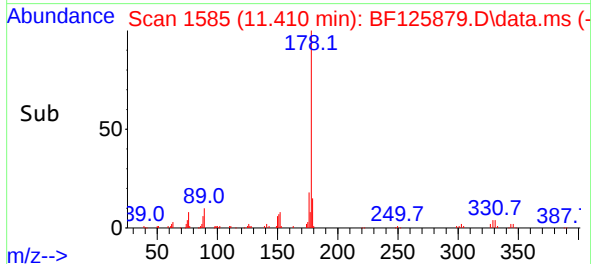
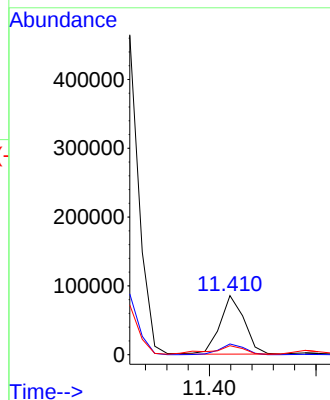
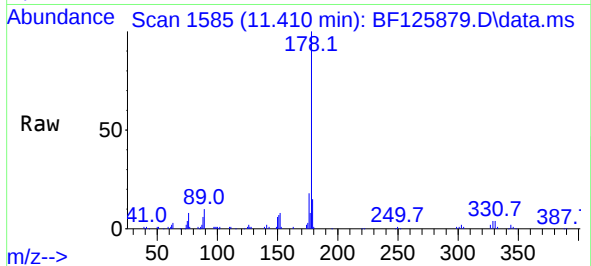
#72
 Anthracene
 Concen: 2.49 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. -0.012 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12

Tgt Ion:	178	Resp:	67421
Ion Ratio	Lower	Upper	
178	100		
176	18.2	14.3	21.5
179	15.3	12.2	18.4

Instrument :
 BNA_F
 ClientSampled :
 TP2-(D)

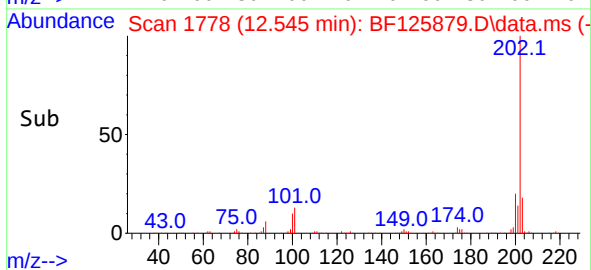
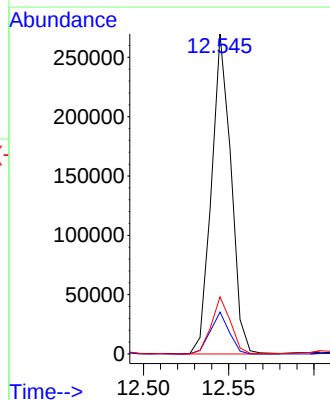
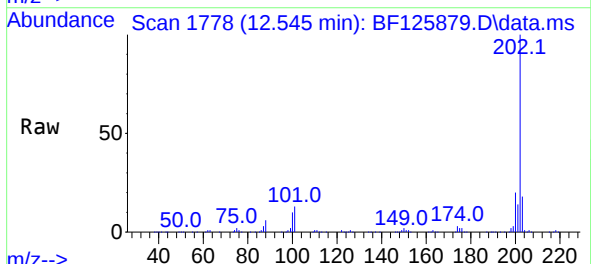
Manual Integrations
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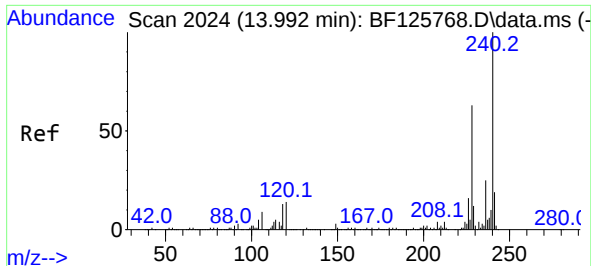
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#75
 Fluoranthene
 Concen: 8.82 ng
 RT: 12.545 min Scan# 1778
 Delta R.T. -0.006 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12

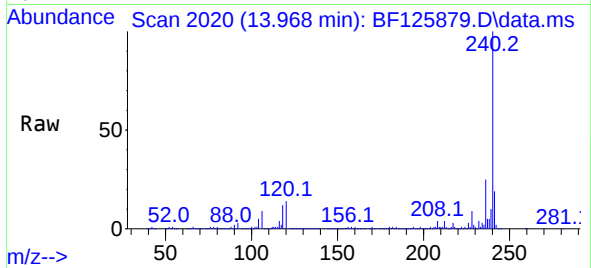
Tgt Ion:	202	Resp:	215941
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	30.7
203	17.8	0.0	36.3





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

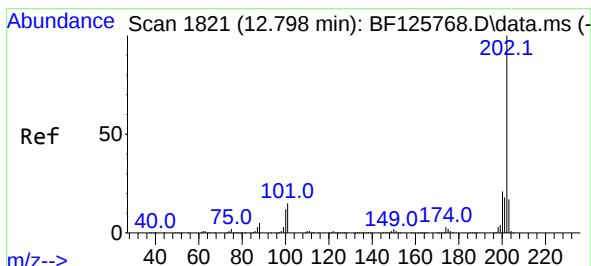
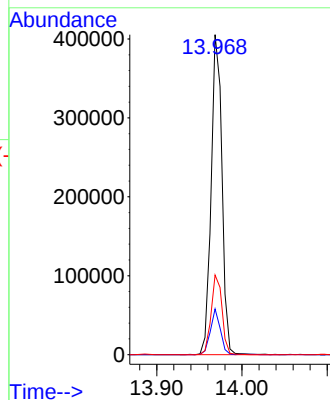
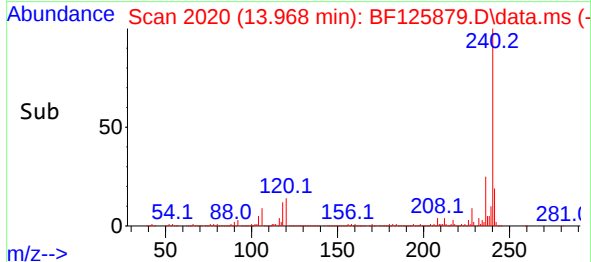
Instrument :
BNA_F
ClientSampleId :
TP2-(D)



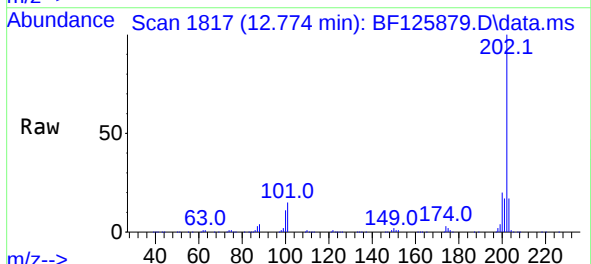
Tgt Ion:240 Resp: 357242
Ion Ratio Lower Upper
240 100
120 14.3 10.8 16.2
236 24.9 21.6 32.4

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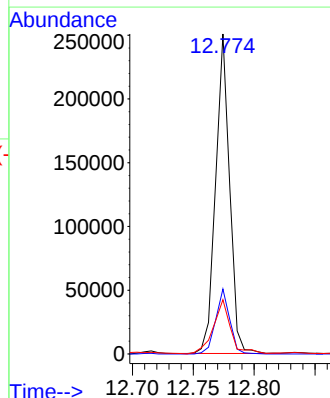
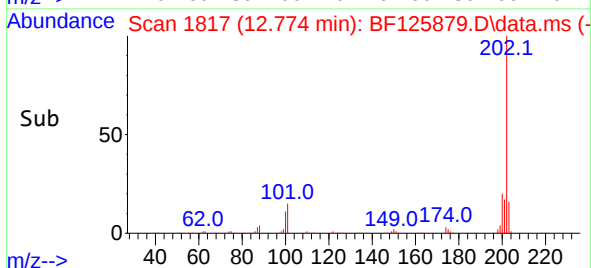
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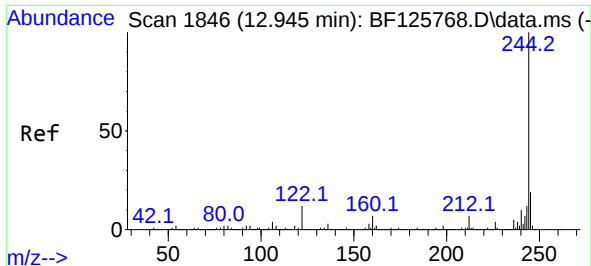


#78
Pyrene
Concen: 5.53 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

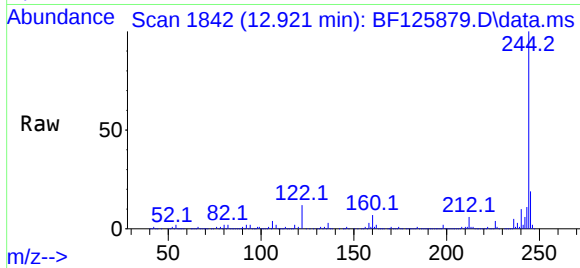


Tgt Ion:202 Resp: 200781
Ion Ratio Lower Upper
202 100
200 20.3 15.3 22.9
203 16.9 13.4 20.0

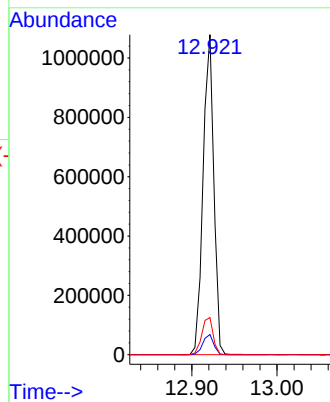
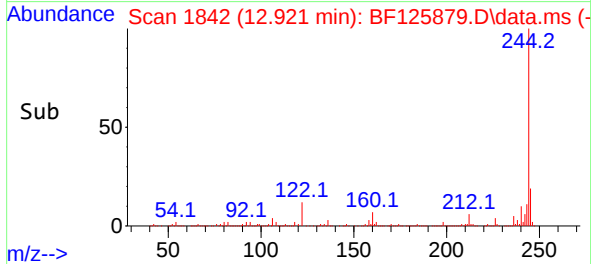




#79
Terphenyl-d14
Concen: 40.17 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12



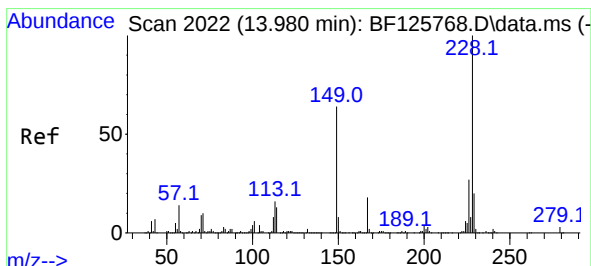
Tgt Ion:244 Resp: 942029
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 11.6 9.0 13.4



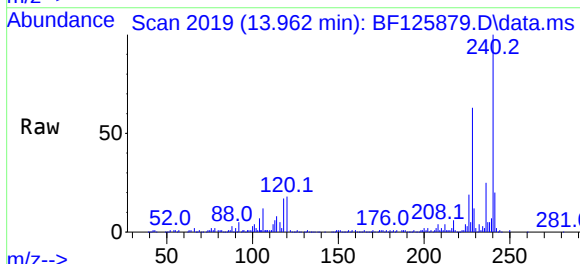
Instrument :
BNA_F
ClientSampleId :
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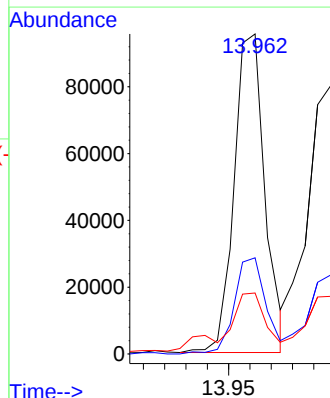
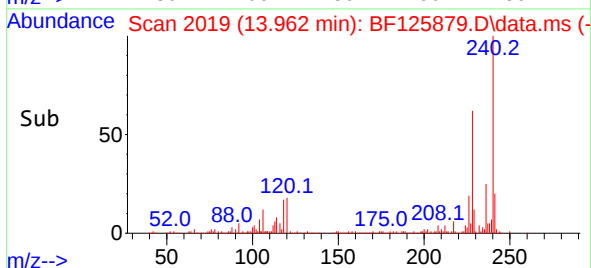
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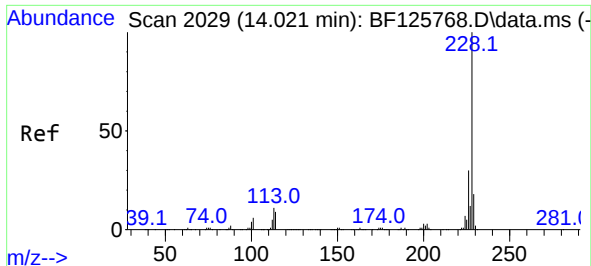


#81
Benzo(a)anthracene
Concen: 4.13 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF125879.D
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Tgt Ion:228 Resp: 95785
Ion Ratio Lower Upper
228 100
226 30.0 21.6 32.4
229 19.0 15.6 23.4





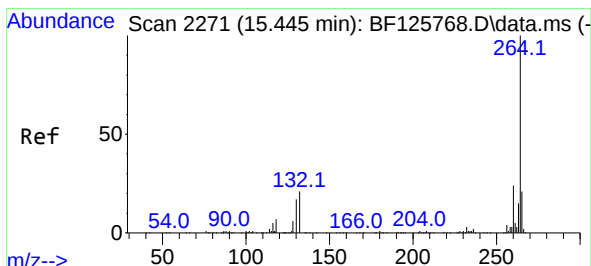
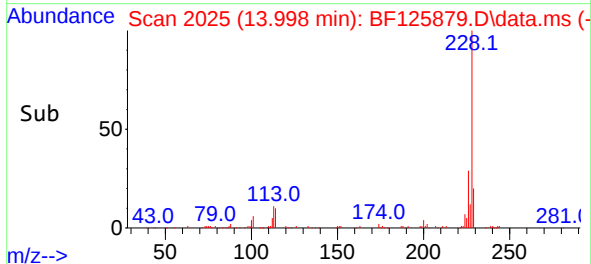
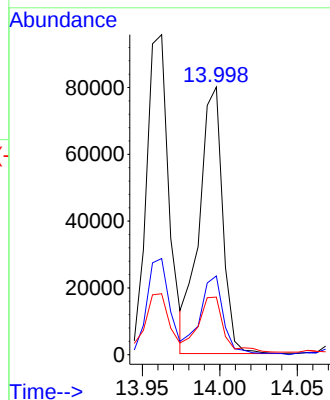
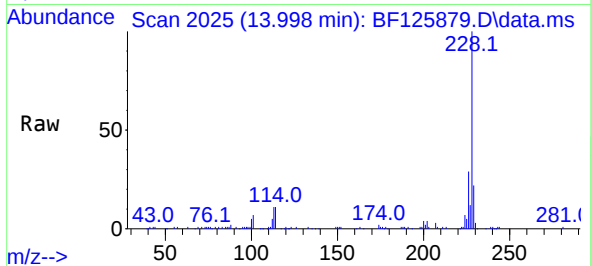
#83
Chrysene
Concen: 3.67 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Instrument :
BNA_F
ClientSampleId :
TP2-(D)

Tgt Ion:228 Resp: 84164
Ion Ratio Lower Upper
228 100
226 29.4 22.6 34.0
229 21.5 15.9 23.9

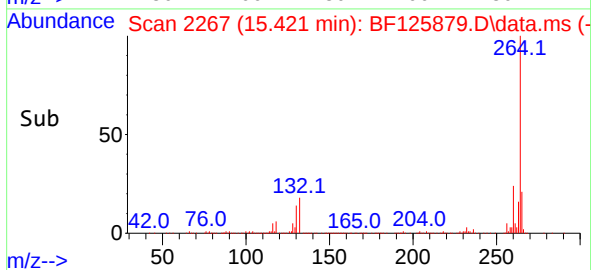
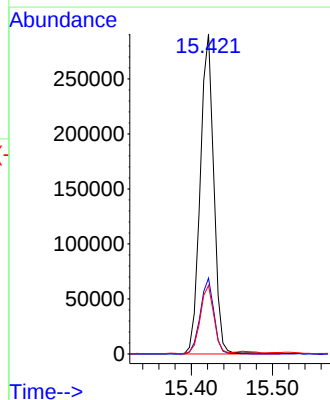
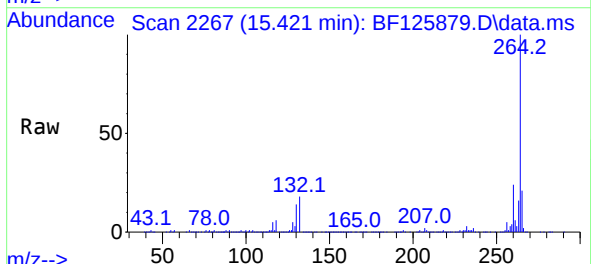
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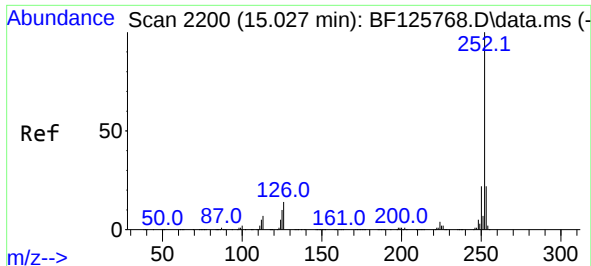
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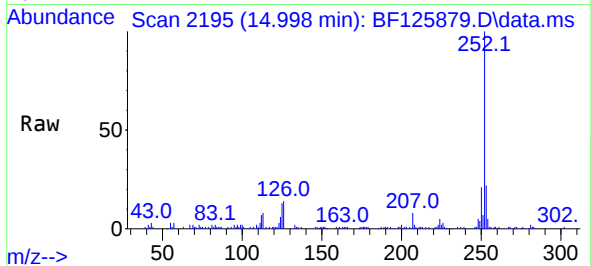
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion:264 Resp: 338609
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.4 17.2 25.8

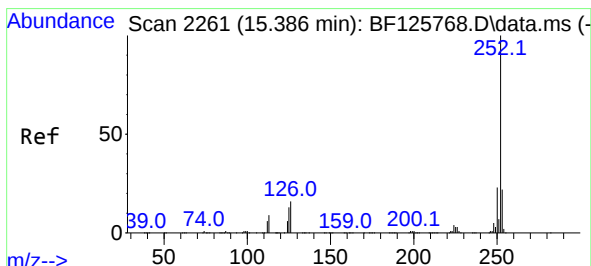
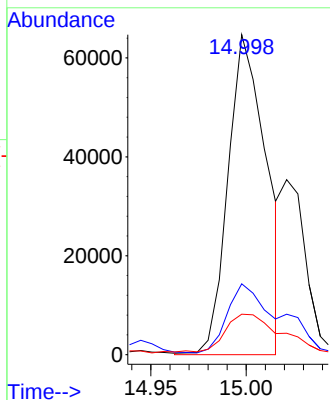
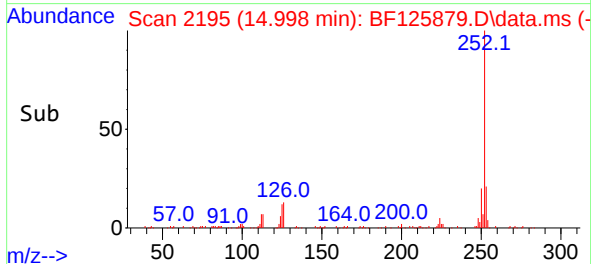




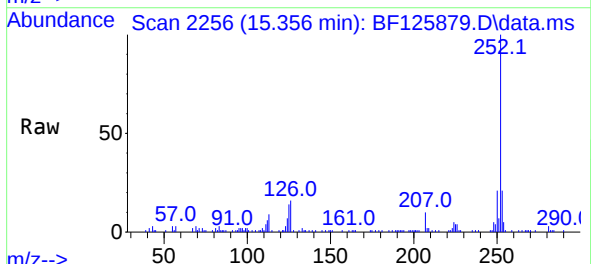
#88
Benzo(b)fluoranthene
Concen: 4.70 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12



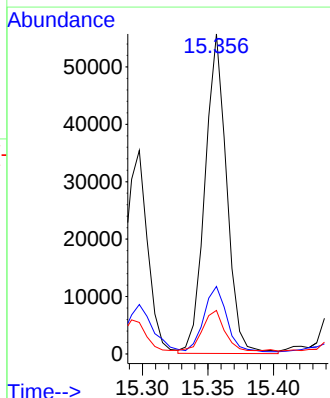
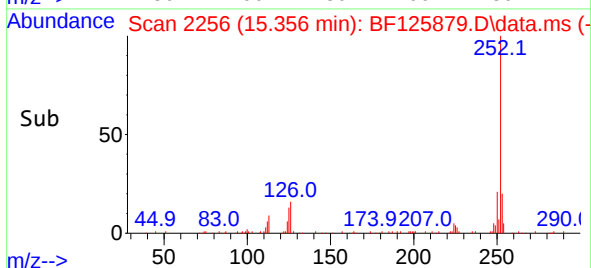
Tgt Ion:252 Resp: 89804
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 12.7 9.8 14.8



#90
Benzo(a)pyrene
Concen: 3.78 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12



Tgt Ion:252 Resp: 63974
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 13.6 9.9 14.9



Instrument :
BNA_F
ClientSampleId :
TP2-(D)

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