

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125828.D
 Acq On : 13 Oct 2021 15:49
 Operator : JU/CG
 Sample : M4047-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 149-ENV-1-GRAB

Manual Integrations
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mohammad
 10/14/2021 10:55:25 AM

Quant Time: Oct 14 01:19:47 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	191067	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	752635	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	365768	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	507126	20.00	ng	# 0.00
76) Chrysene-d12	13.998	240	409903	20.00	ng	0.00
86) Perylene-d12	15.451	264	337775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1090517	93.24	ng	0.00
7) Phenol-d6	6.469	99	1315519	87.37	ng	0.00
23) Nitrobenzene-d5	7.404	82	768454	63.47	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	273118	75.63	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1456234	68.67	ng	0.00
79) Terphenyl-d14	12.945	244	1098831	40.83	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.380	178	284523	10.49	ng	99
72) Anthracene	11.433	178	80770	2.98	ng	99
75) Fluoranthene	12.569	202	402805	16.45	ng	96
78) Pyrene	12.798	202	392143	9.42	ng	98
81) Benzo(a)anthracene	13.986	228	250412	9.42	ng	99
83) Chrysene	14.021	228	224916	8.56	ng	97
87) Indeno(1,2,3-cd)pyrene	16.892	276	136552	5.30	ng	# 93
88) Benzo(b)fluoranthene	15.027	252	308493m	16.18	ng	
89) Benzo(k)fluoranthene	15.051	252	97081m	4.96	ng	
90) Benzo(a)pyrene	15.386	252	244623	14.49	ng	99
92) Benzo(g,h,i)perylene	17.327	276	113274	5.22	ng	97

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

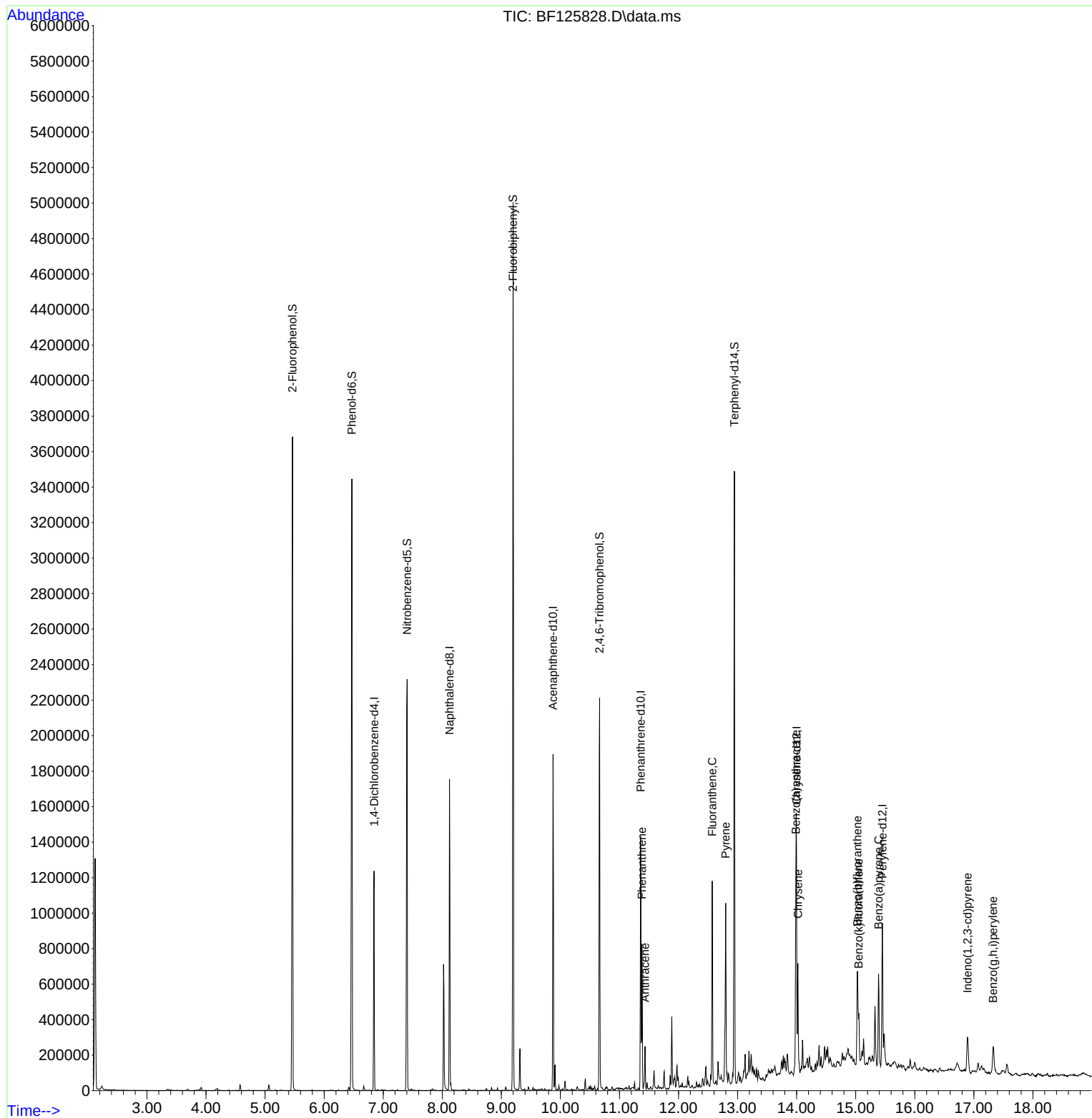
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125828.D
Acq On : 13 Oct 2021 15:49
Operator : JU/CG
Sample : M4047-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

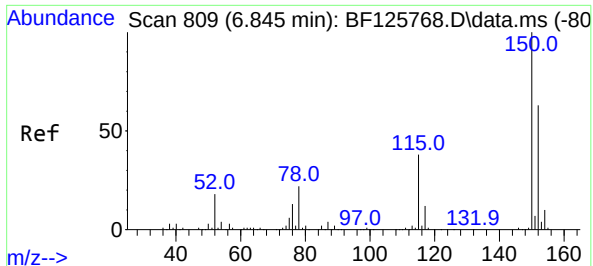
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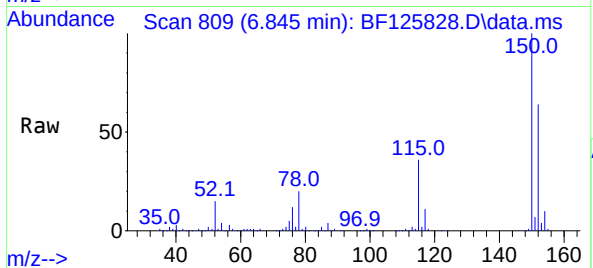
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Quant Time: Oct 14 01:19:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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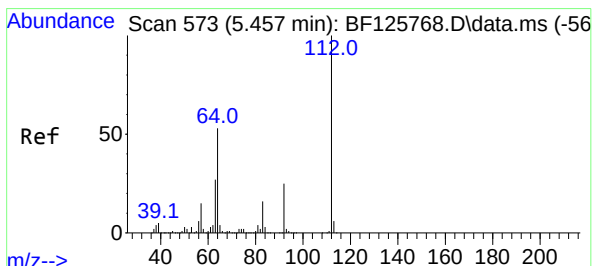
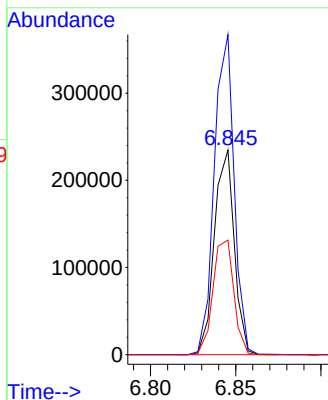
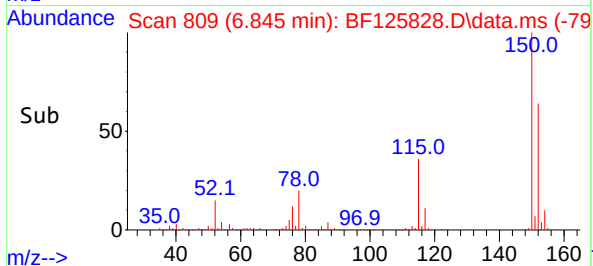




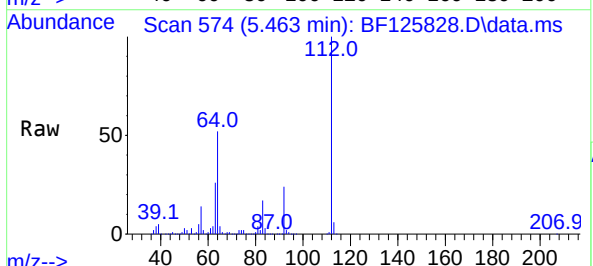
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49



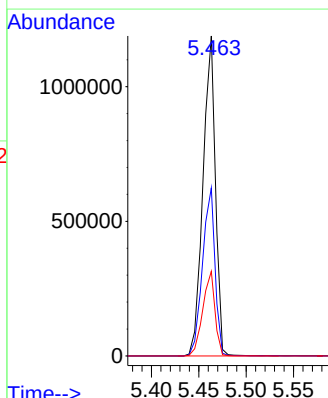
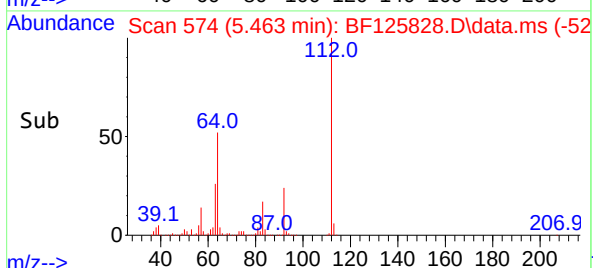
Tgt Ion:152 Resp: 191067
Ion Ratio Lower Upper
152 100
150 156.3 117.6 176.4
115 56.0 47.1 70.7



#5
2-Fluorophenol
Concen: 93.24 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49



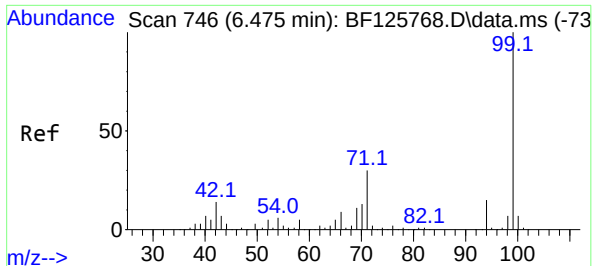
Tgt Ion:112 Resp: 1090517
Ion Ratio Lower Upper
112 100
64 52.5 44.2 66.2
63 26.4 26.2 39.2



Instrument :
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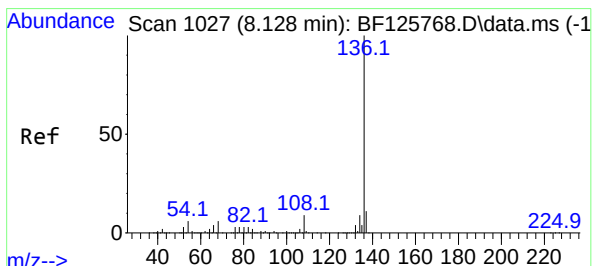
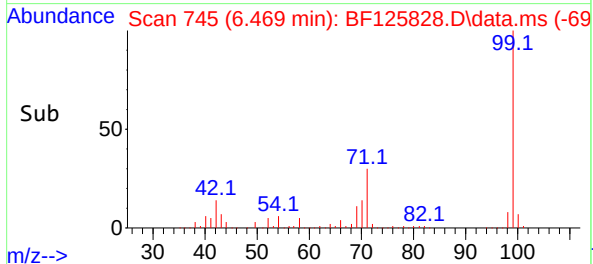
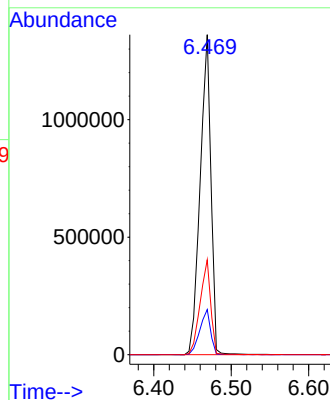
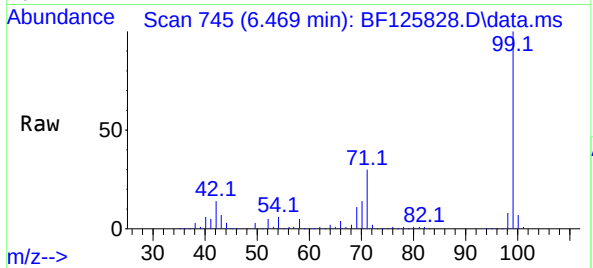
#7
Phenol-d6
Concen: 87.37 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

Tgt Ion: 99 Resp: 1315519
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.6 25.6 38.4

Instrument :
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ClientSampleId :
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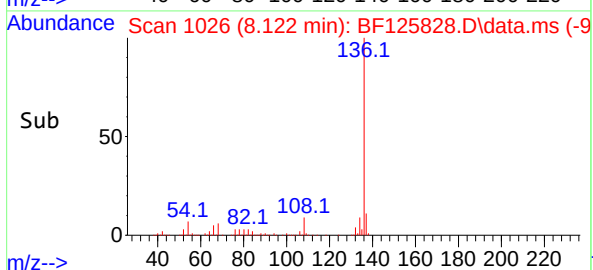
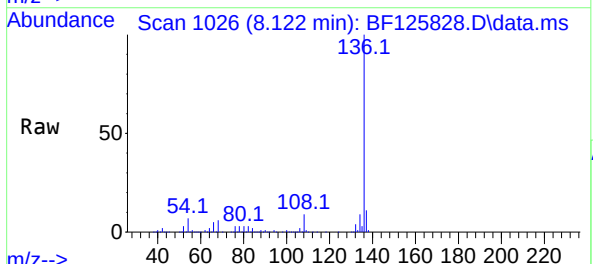
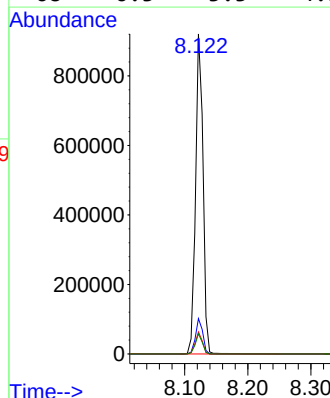
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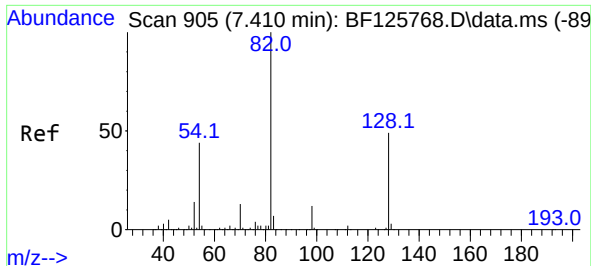
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

Tgt Ion: 136 Resp: 752635
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 6.9 6.4 9.6
68 6.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 63.47 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF125828.D

Acq: 13 Oct 2021 15:49

Tgt Ion:	82	Resp:	768454
Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.6	60.8
54	42.2	49.6	74.4#

Instrument :

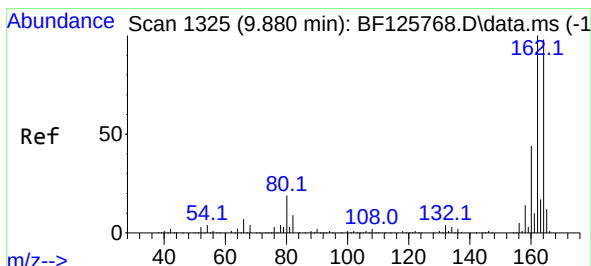
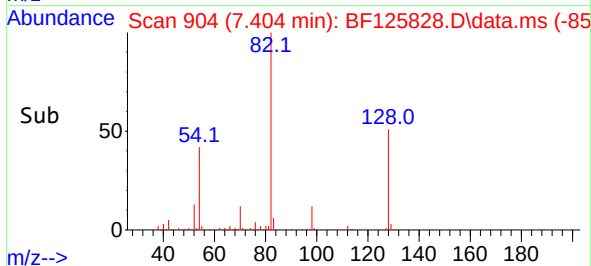
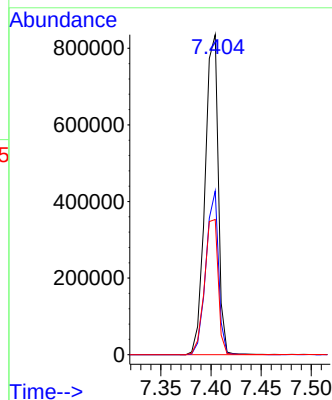
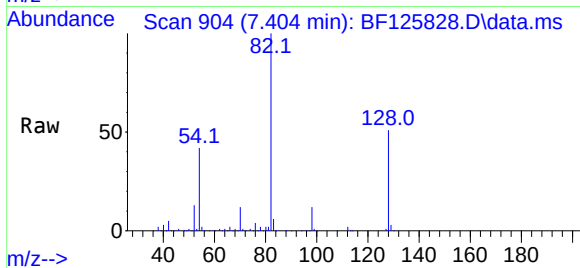
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#39

Acenaphthene-d10

Concen: 20.00 ng

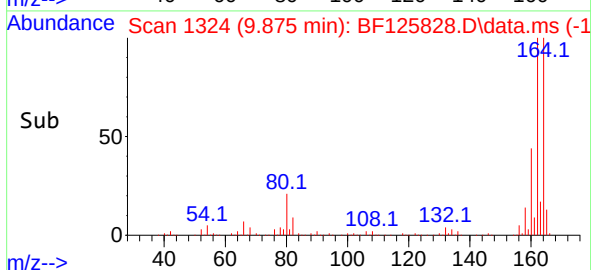
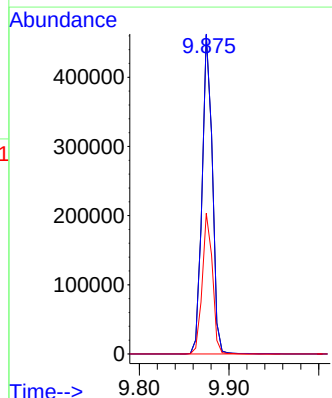
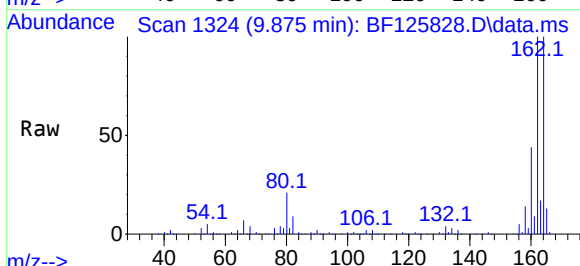
RT: 9.875 min Scan# 1324

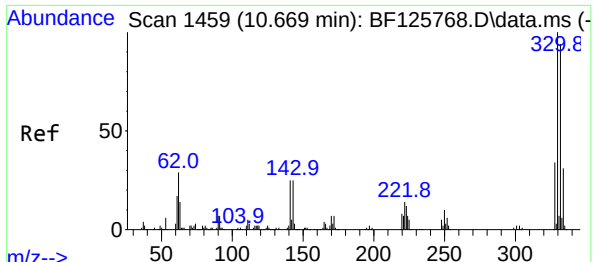
Delta R.T. -0.006 min

Lab File: BF125828.D

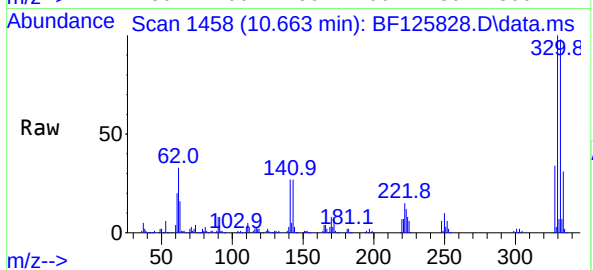
Acq: 13 Oct 2021 15:49

Tgt Ion:	164	Resp:	365768
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	44.1	38.0	57.0

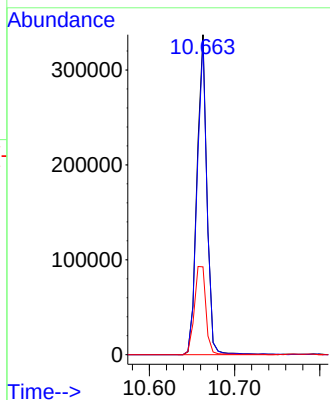
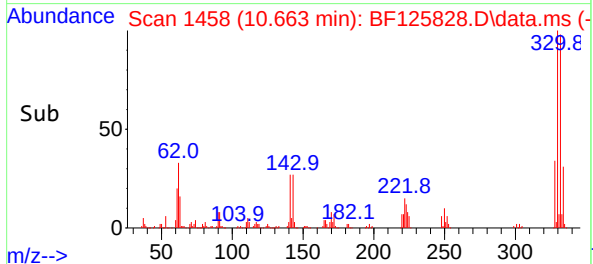




#42
2,4,6-Tribromophenol
Concen: 75.63 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49



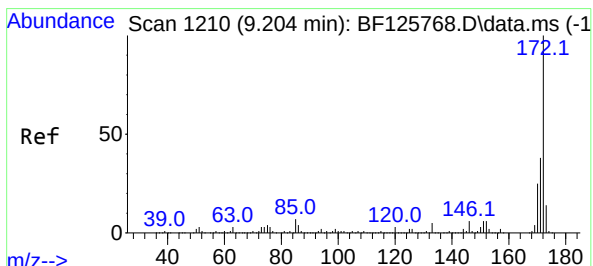
Tgt Ion: 330 Resp: 273118
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 32.2 44.6 66.8#



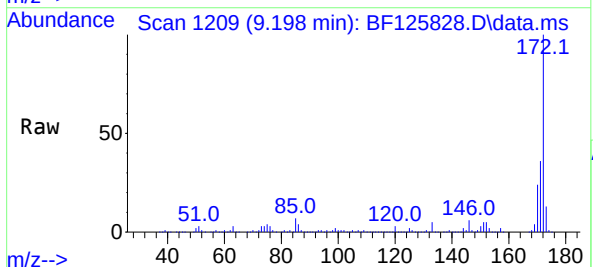
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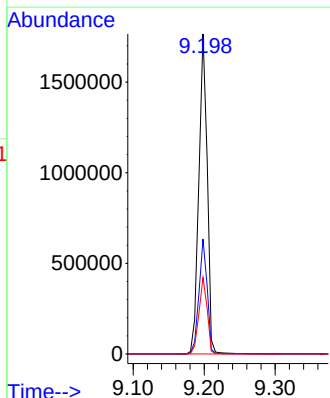
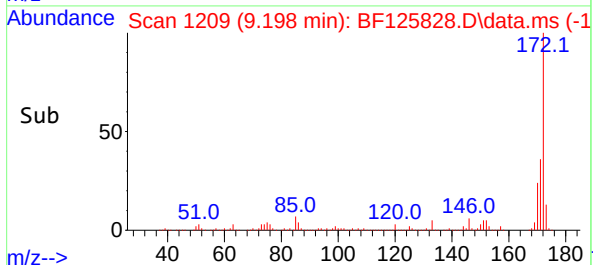
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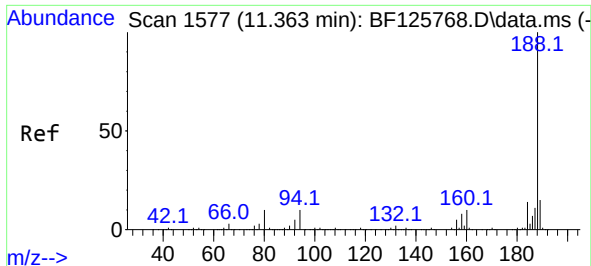


#45
2-Fluorobiphenyl
Concen: 68.67 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49



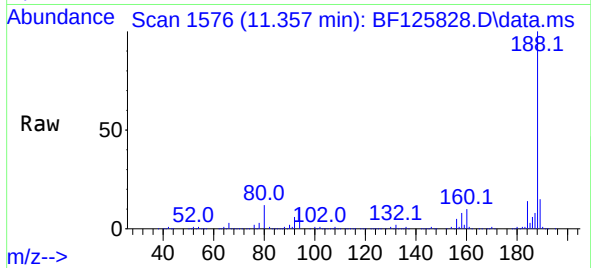
Tgt Ion: 172 Resp: 1456234
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 23.9 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

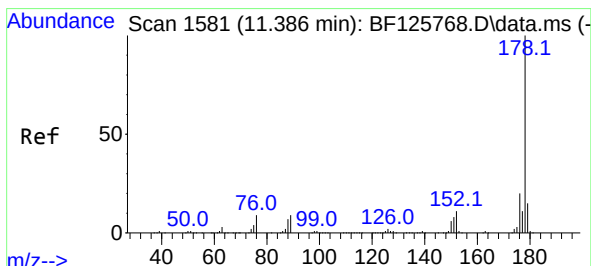
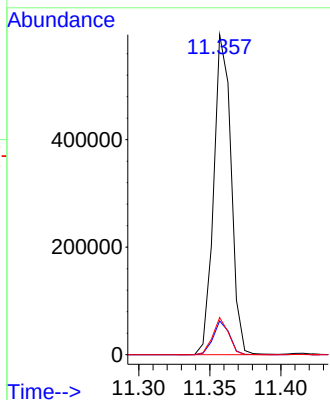
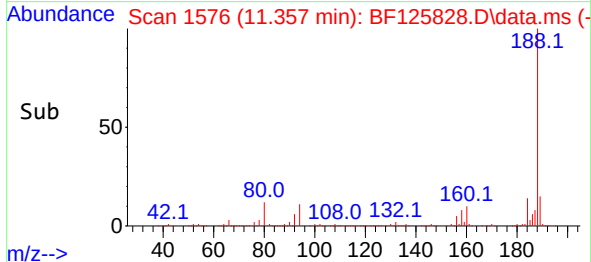
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ClientSampleId :
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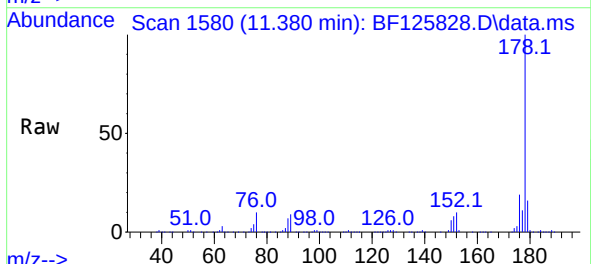
Tgt Ion:188 Resp: 507126
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 11.6 7.5 11.3#

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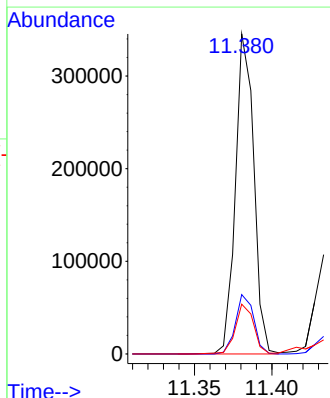
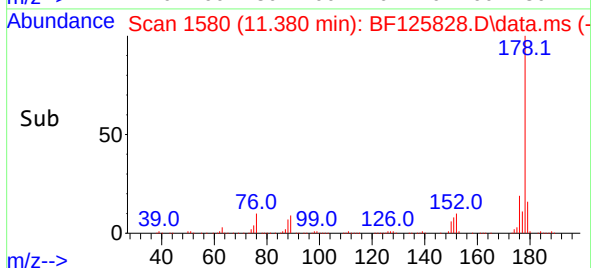
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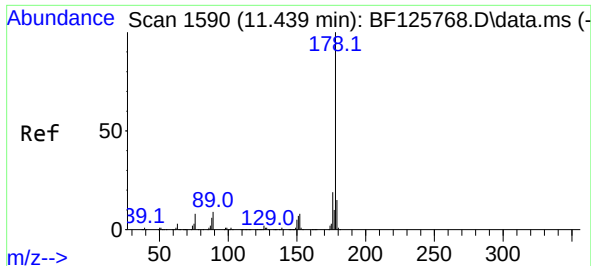


#71
Phenanthrene
Concen: 10.49 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49



Tgt Ion:178 Resp: 284523
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.6 11.5 17.3





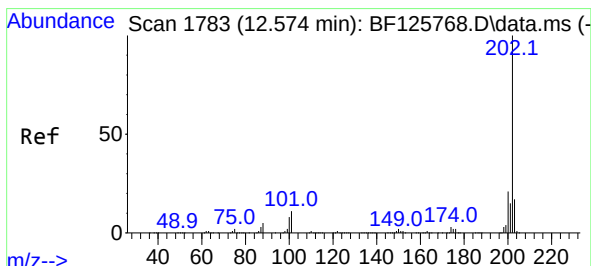
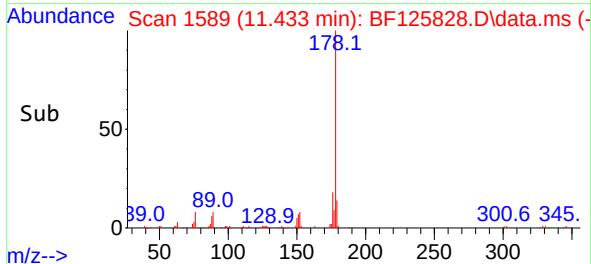
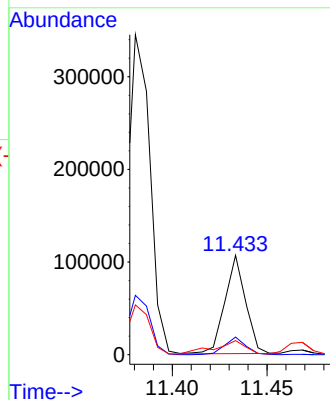
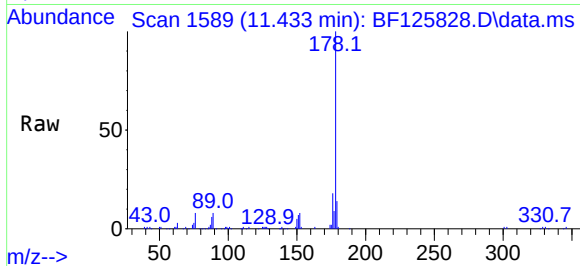
#72
 Anthracene
 Concen: 2.98 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF125828.D
 Acq: 13 Oct 2021 15:49

Tgt Ion:178 Resp: 80770
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.3 21.5
 179 14.2 12.2 18.4

Instrument :
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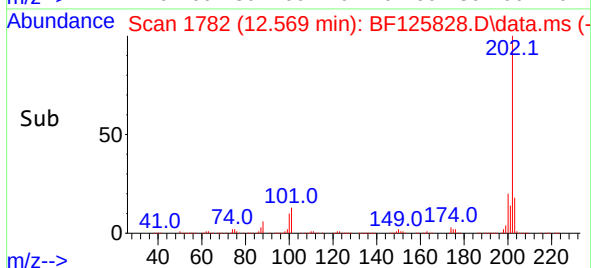
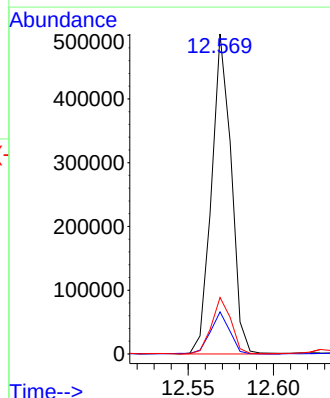
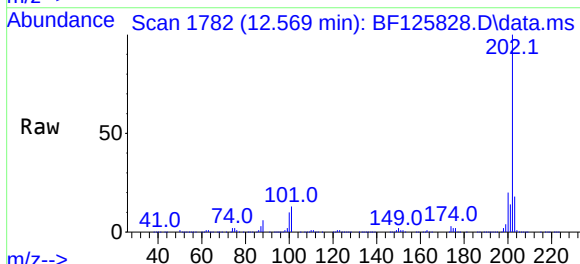
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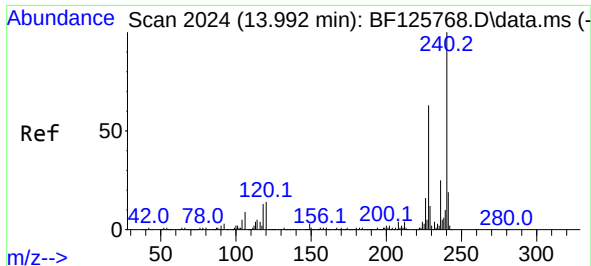
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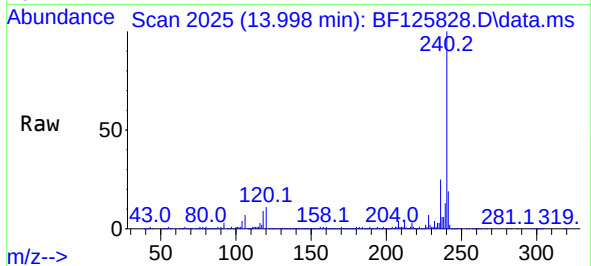
#75
 Fluoranthene
 Concen: 16.45 ng
 RT: 12.569 min Scan# 1782
 Delta R.T. -0.006 min
 Lab File: BF125828.D
 Acq: 13 Oct 2021 15:49

Tgt Ion:202 Resp: 402805
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 30.7
 203 17.7 0.0 36.3

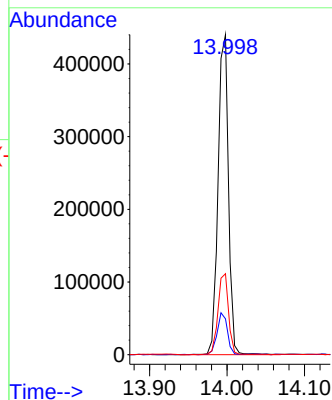
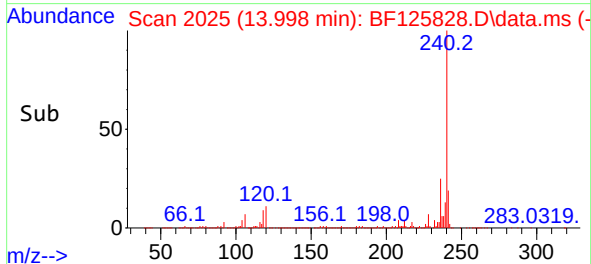




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49



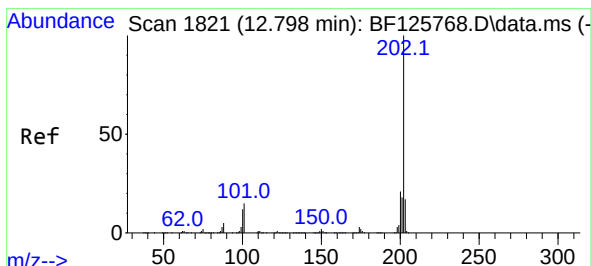
Tgt Ion:240 Resp: 409903
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.3 21.6 32.4



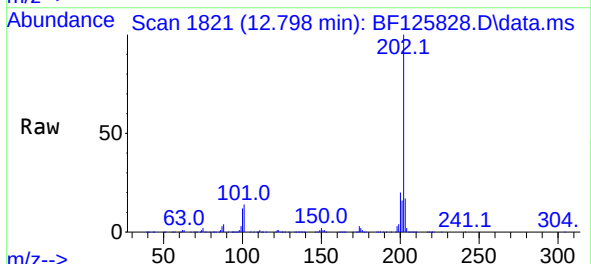
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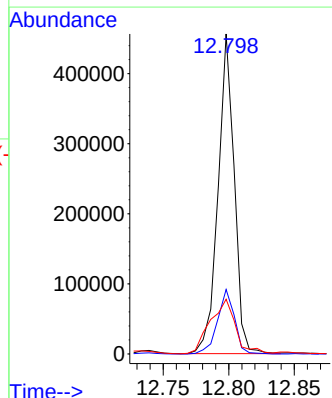
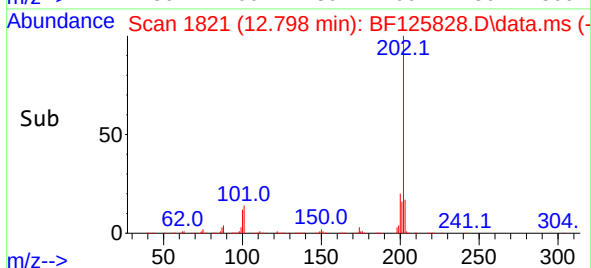
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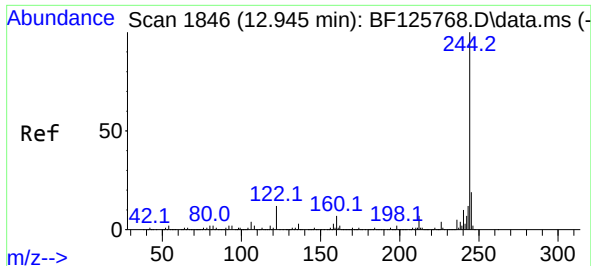


#78
Pyrene
Concen: 9.42 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49



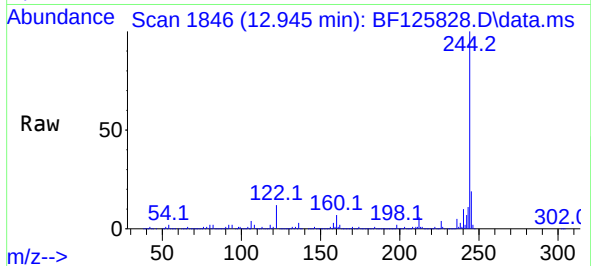
Tgt Ion:202 Resp: 392143
Ion Ratio Lower Upper
202 100
200 20.2 15.3 22.9
203 17.1 13.4 20.0





#79
Terphenyl-d14
Concen: 40.83 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

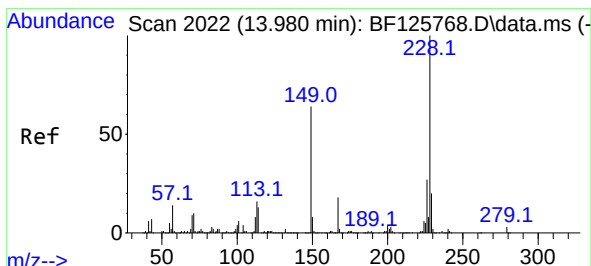
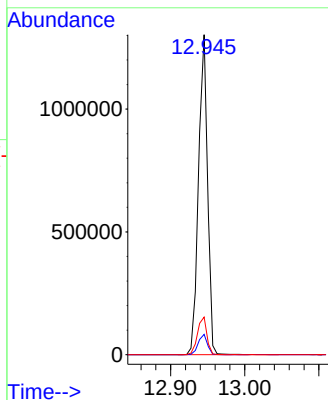
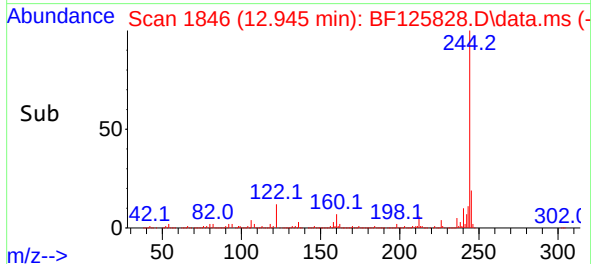
Instrument :
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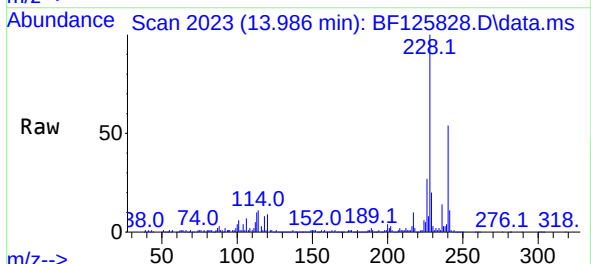
Tgt Ion:244 Resp: 1098831
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.7 9.0 13.4

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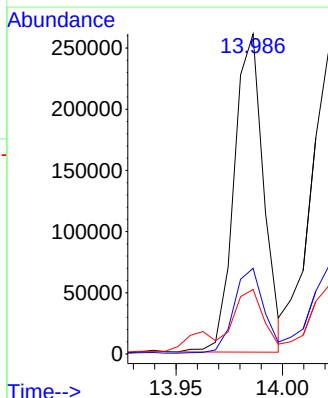
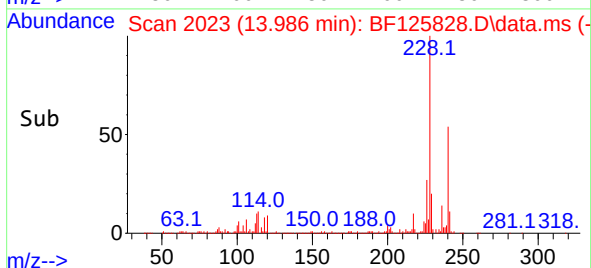
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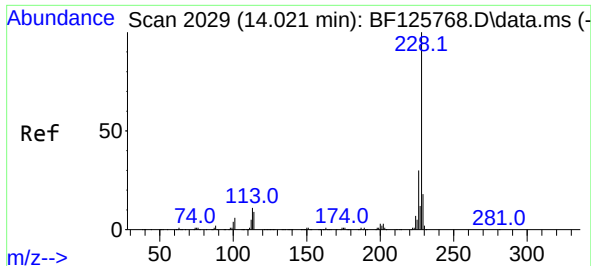


#81
Benzo(a)anthracene
Concen: 9.42 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

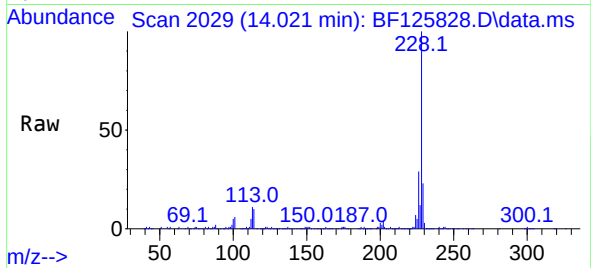


Tgt Ion:228 Resp: 250412
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 20.1 15.6 23.4

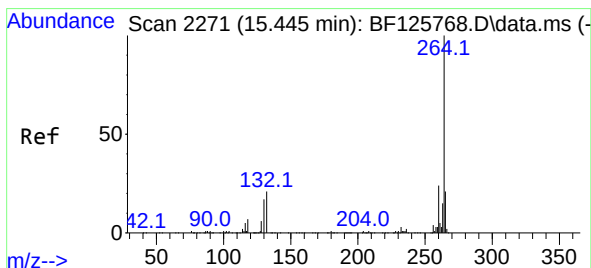
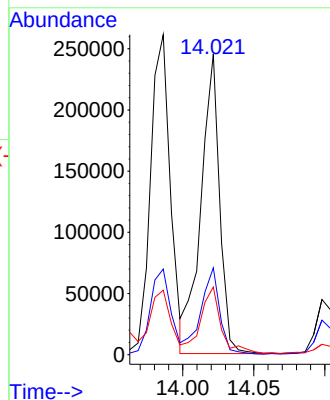
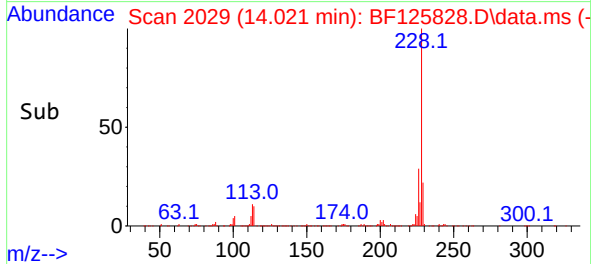




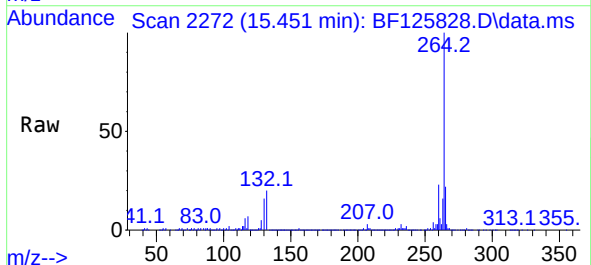
#83
Chrysene
Concen: 8.56 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49



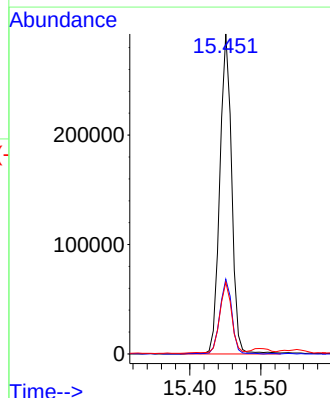
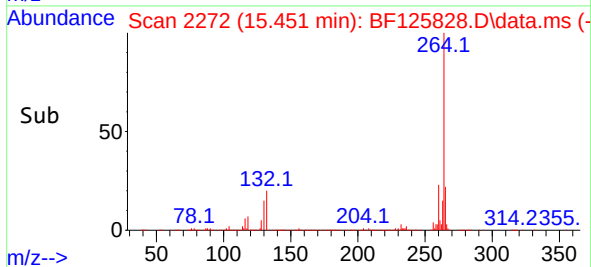
Tgt Ion:228 Resp: 224916
Ion Ratio Lower Upper
228 100
226 28.9 22.6 34.0
229 22.5 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49



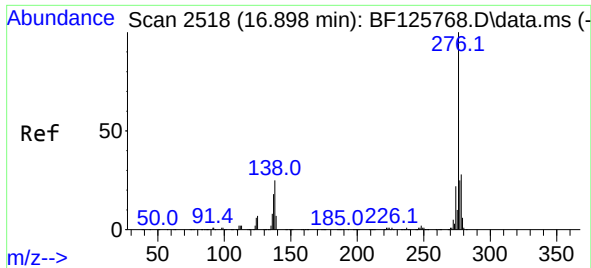
Tgt Ion:264 Resp: 337775
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 22.4 17.2 25.8



Instrument :
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ClientSampleId :
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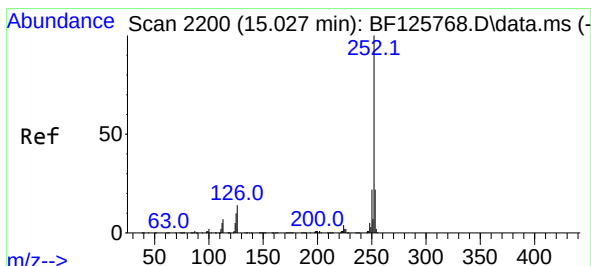
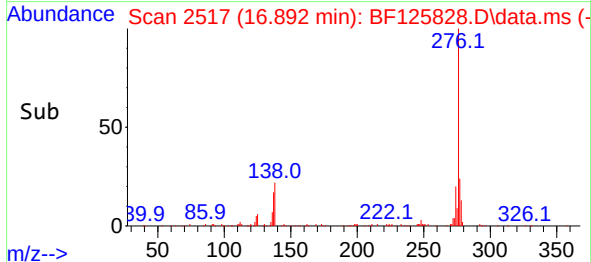
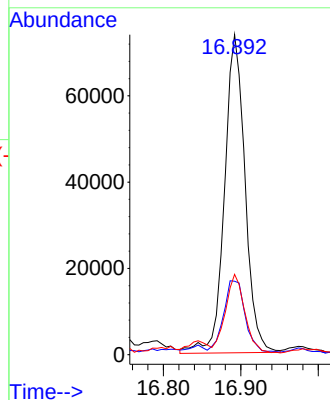
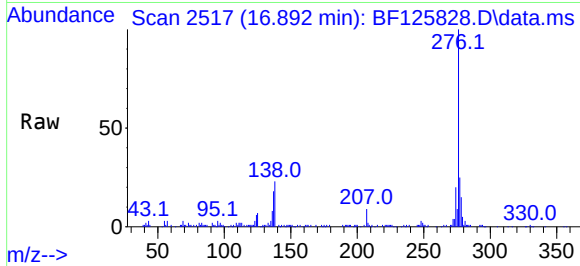
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.30 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.018 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

Tgt Ion: 276 Resp: 136552
Ion Ratio Lower Upper
276 100
138 23.3 24.1 36.1#
277 23.1 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
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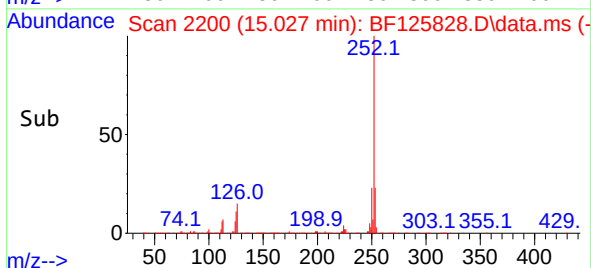
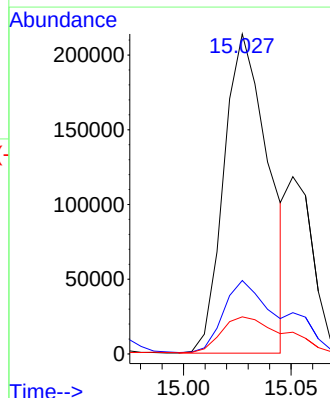
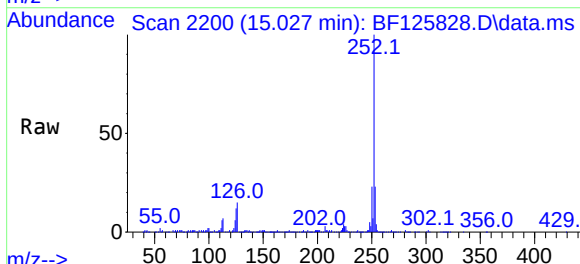
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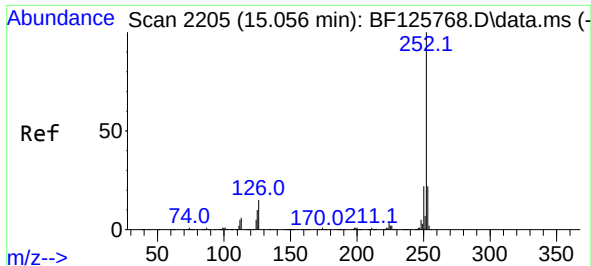
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#88
Benzo(b)fluoranthene
Concen: 16.18 ng m
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

Tgt Ion: 252 Resp: 308493
Ion Ratio Lower Upper
252 100
253 23.0 16.8 25.2
125 11.6 9.8 14.8





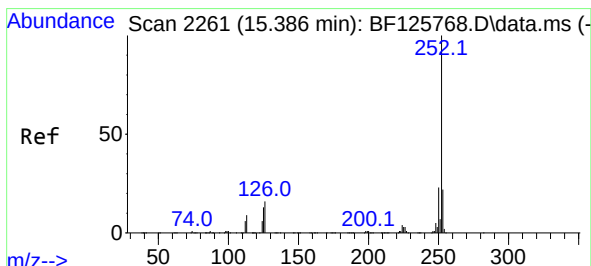
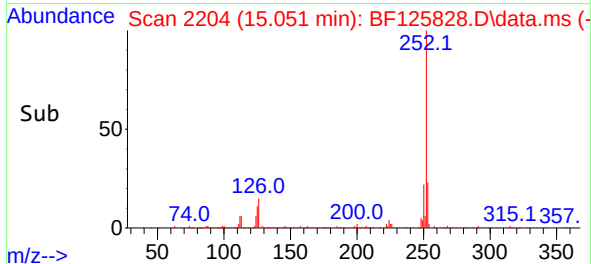
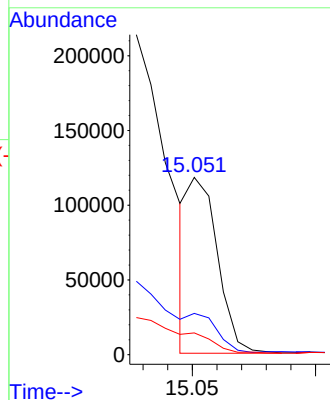
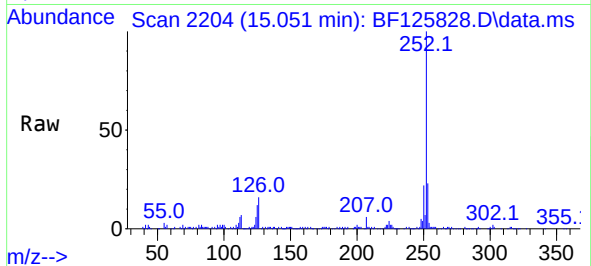
#89
Benzo(k)fluoranthene
Concen: 4.96 ng m
RT: 15.051 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

Tgt Ion:252 Resp: 97081
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 12.2 7.2 10.8#

Instrument :
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ClientSampleId :
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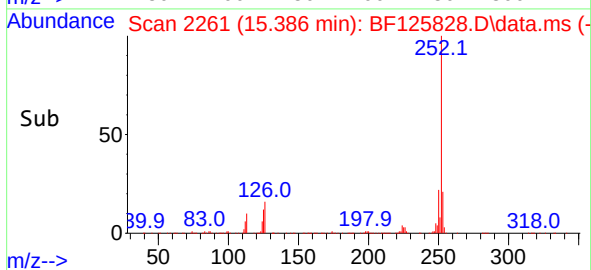
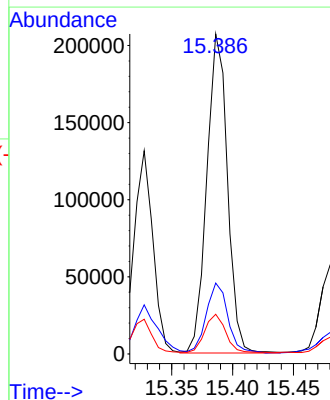
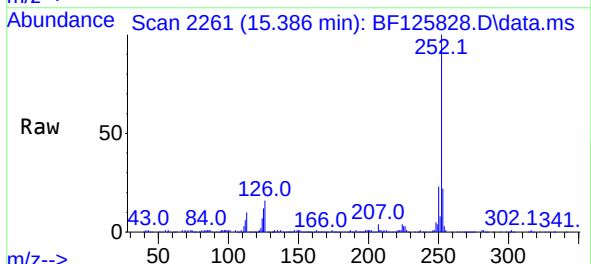
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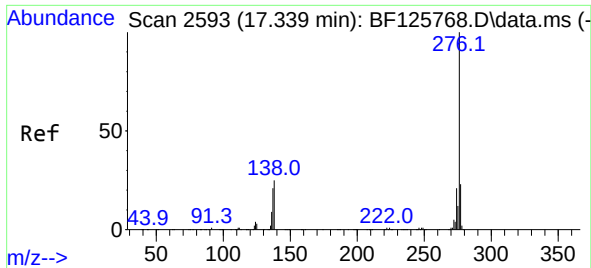
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#90
Benzo(a)pyrene
Concen: 14.49 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

Tgt Ion:252 Resp: 244623
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 12.4 9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 5.22 ng
RT: 17.327 min Scan# 2591
Delta R.T. -0.023 min
Lab File: BF125828.D
Acq: 13 Oct 2021 15:49

Tgt Ion: 276 Resp: 113274
Ion Ratio Lower Upper
276 100
277 26.0 22.0 33.0
138 25.9 22.2 33.4

Instrument :
BNA_F
ClientSampleId :
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