

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125969.D
 Acq On : 27 Oct 2021 18:12
 Operator : JU/CG
 Sample : M4356-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-282

Manual Integrations
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Quant Time: Oct 28 08:59:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	171112	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	702489	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	397623	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	721203	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	396111	20.000	ng	-0.02
86) Perylene-d12	15.474	264	429948	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1005405	87.520	ng	-0.01
7) Phenol-d6	6.475	99	1302247	82.649	ng	-0.02
23) Nitrobenzene-d5	7.416	82	840415	61.795	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	297470	85.819	ng	-0.02
45) 2-Fluorobiphenyl	9.216	172	1456940	64.797	ng	-0.02
79) Terphenyl-d14	12.963	244	1437433	59.358	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	7.816	122	1531	4.360	ng	96
71) Phenanthrene	11.398	178	145247	3.881	ng	98
75) Fluoranthene	12.586	202	335157	8.884	ng	99
78) Pyrene	12.810	202	314855	8.541	ng	97
81) Benzo(a)anthracene	13.998	228	131063	4.916	ng	98
83) Chrysene	14.033	228	140835	5.221	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	402792	31.006	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	92438	2.984	ng	# 89
88) Benzo(b)fluoranthene	15.045	252	184047m	6.485	ng	
89) Benzo(k)fluoranthene	15.074	252	66000m	2.421	ng	
90) Benzo(a)pyrene	15.409	252	134222	5.859	ng	98
92) Benzo(g,h,i)perylene	17.356	276	85074	3.245	ng	# 90

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

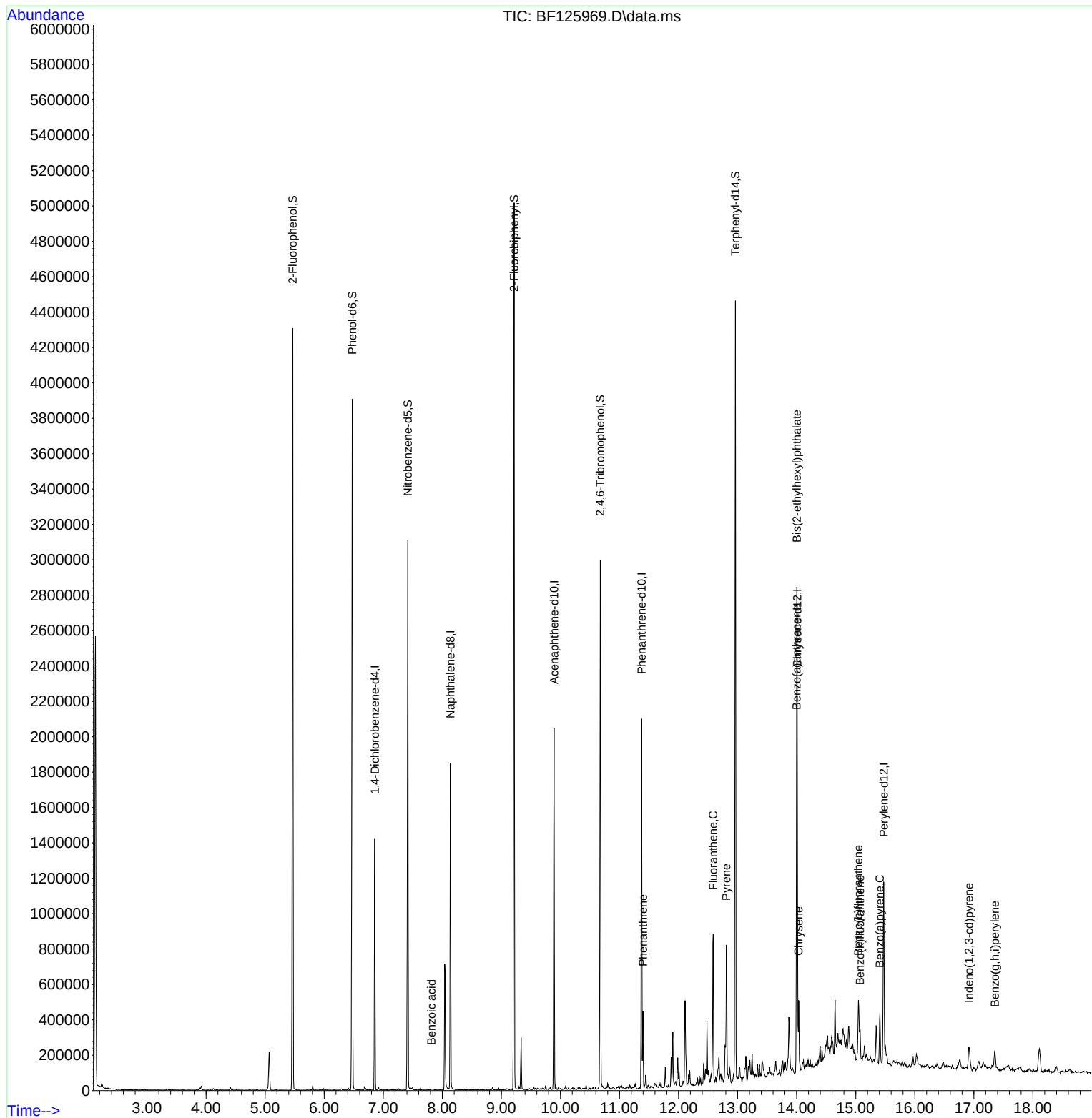
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125969.D
Acq On : 27 Oct 2021 18:12
Operator : JU/CG
Sample : M4356-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

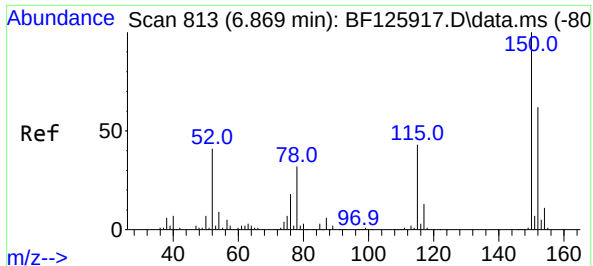
Instrument :
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ClientSampleId :
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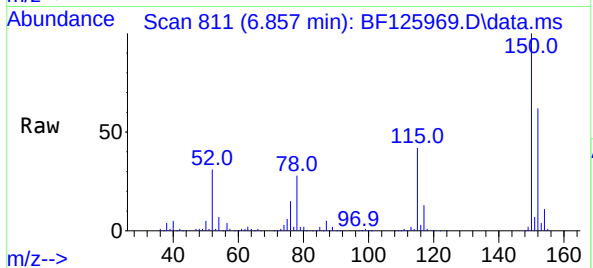
Quant Time: Oct 28 08:59:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

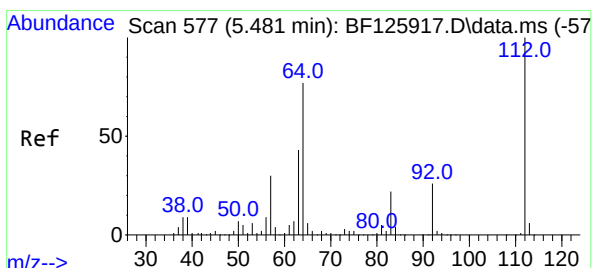
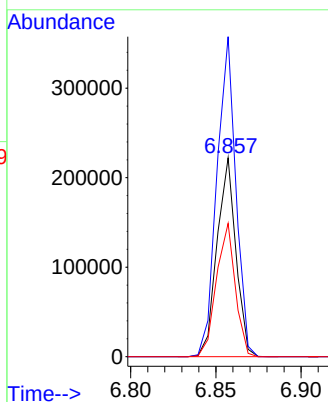
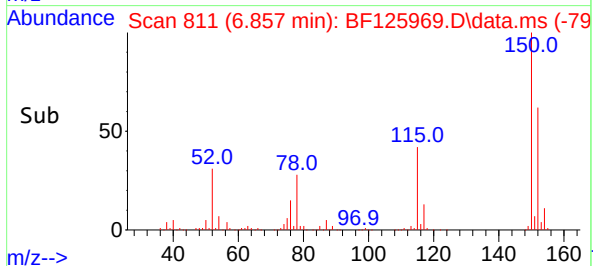
Instrument :
BNA_F
ClientSampled :
ETGI-282



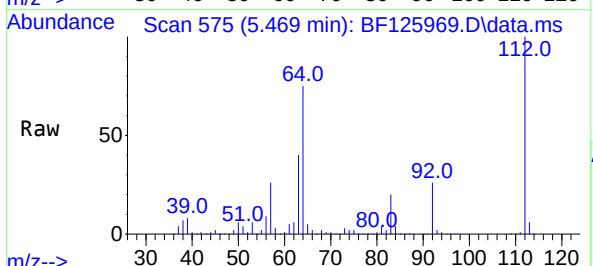
Tgt Ion:152 Resp: 171112
Ion Ratio Lower Upper
152 100
150 160.9 117.6 176.4
115 67.0 47.1 70.7

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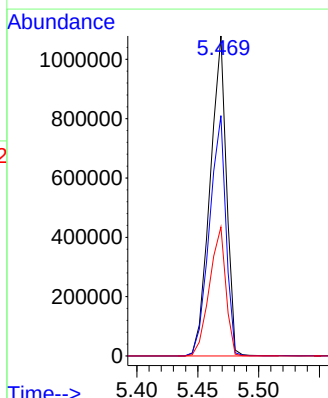
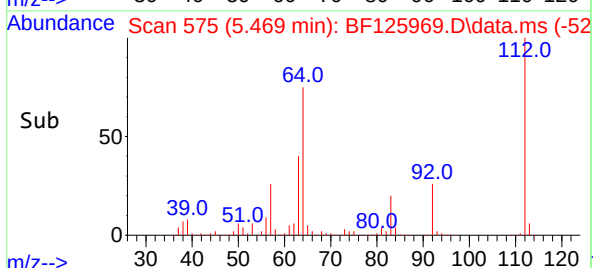
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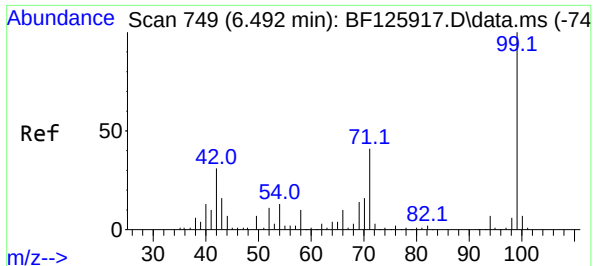


#5
2-Fluorophenol
Concen: 87.520 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12



Tgt Ion:112 Resp: 1005405
Ion Ratio Lower Upper
112 100
64 75.1 44.2 66.2#
63 40.3 26.2 39.2#





#7
Phenol-d6
Concen: 82.649 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

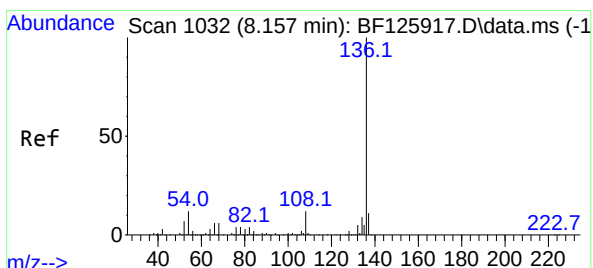
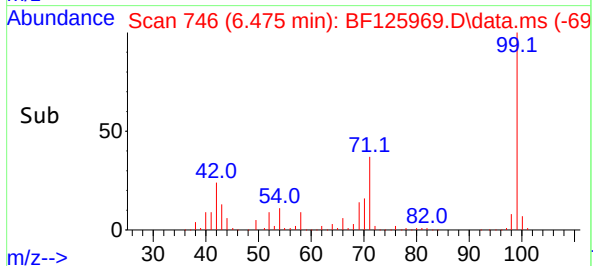
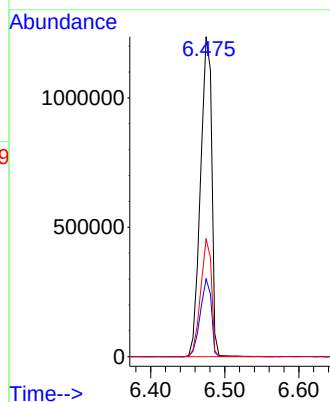
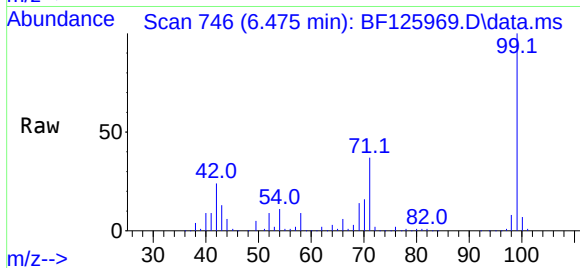
Tgt Ion: 99 Resp: 1302247

Ion	Ratio	Lower	Upper
99	100		
42	24.3	23.5	35.3
71	36.7	25.6	38.4

Instrument :
BNA_F
ClientSampled :
ETGI-282

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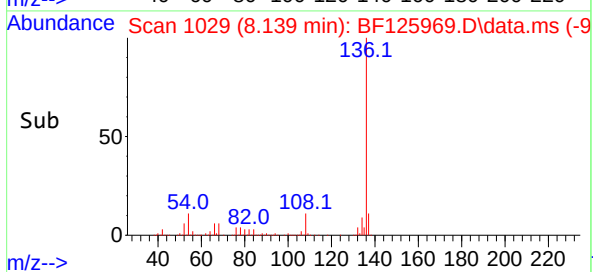
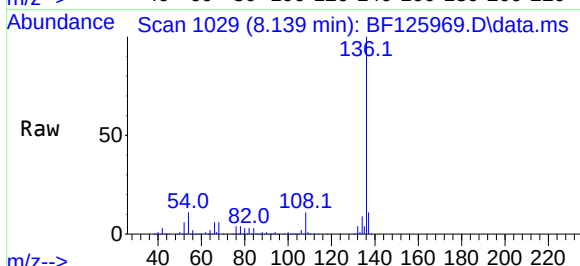
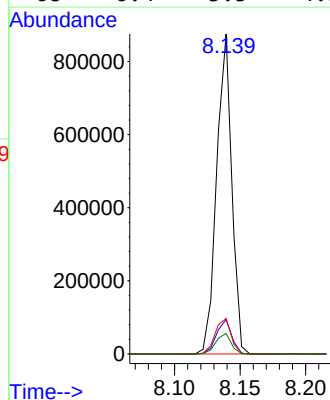
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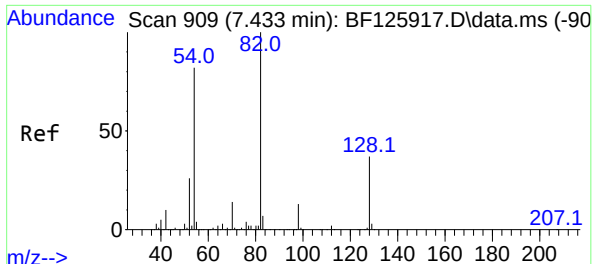


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

Tgt Ion: 136 Resp: 702489

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	11.1	6.4	9.6#
68	6.4	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 61.795 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.018 min

Lab File: BF125969.D

Acq: 27 Oct 2021 18:12

Tgt Ion: 82 Resp: 840415

Ion Ratio Lower Upper

82 100

128 37.1 40.6 60.8#

54 67.8 49.6 74.4

Instrument :

BNA_F

ClientSampled :

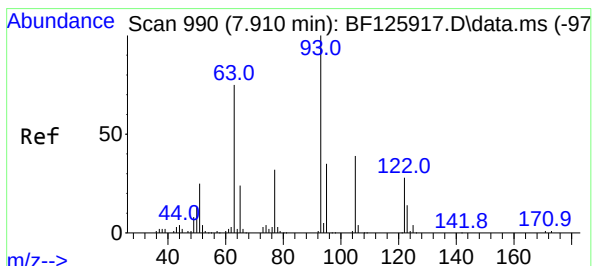
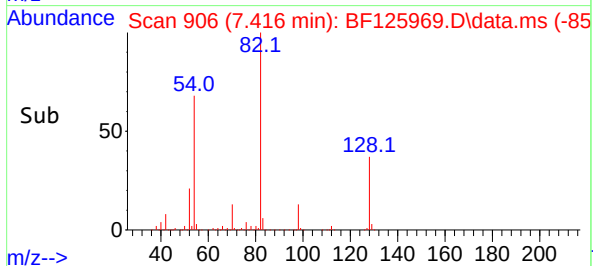
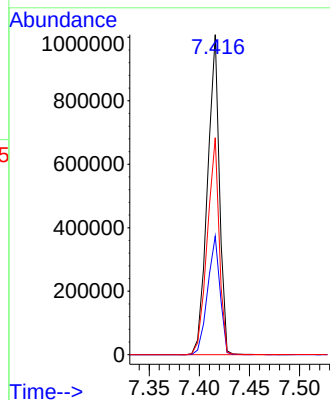
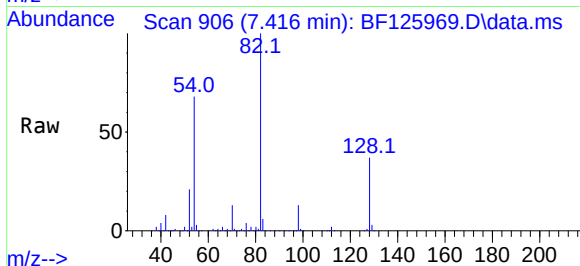
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#32

Benzoic acid

Concen: 4.360 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.094 min

Lab File: BF125969.D

Acq: 27 Oct 2021 18:12

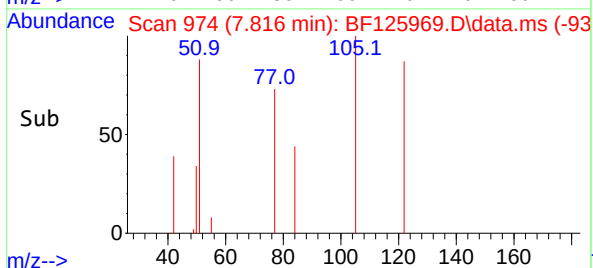
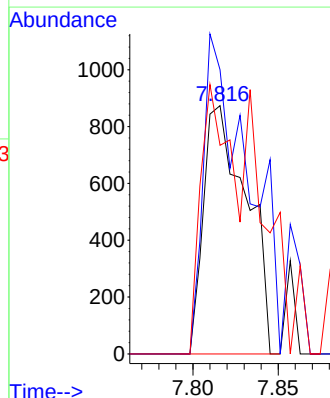
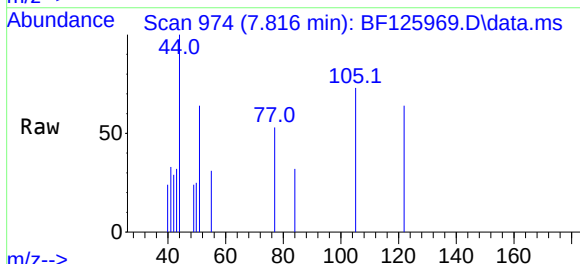
Tgt Ion:122 Resp: 1531

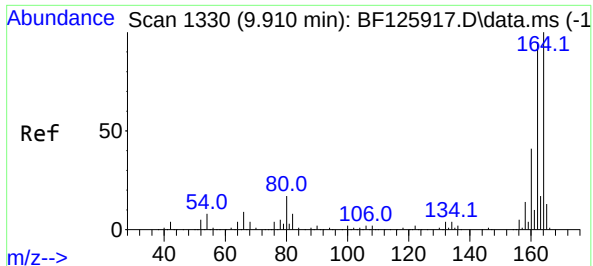
Ion Ratio Lower Upper

122 100

105 114.4 97.6 137.6

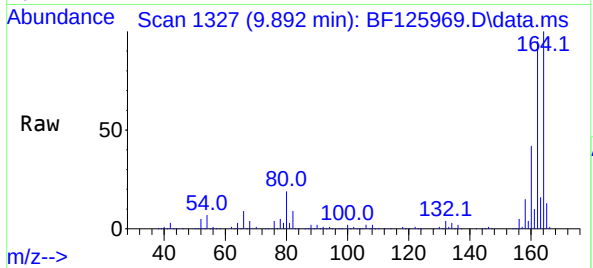
77 84.0 59.6 99.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

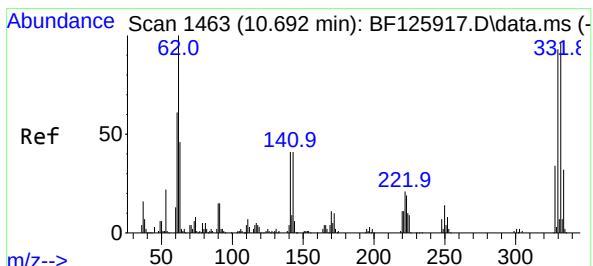
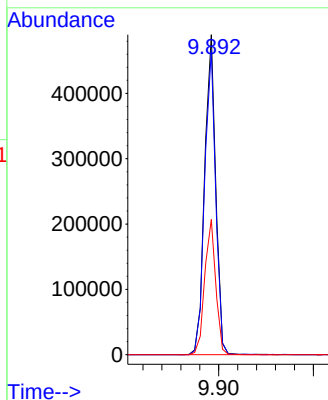
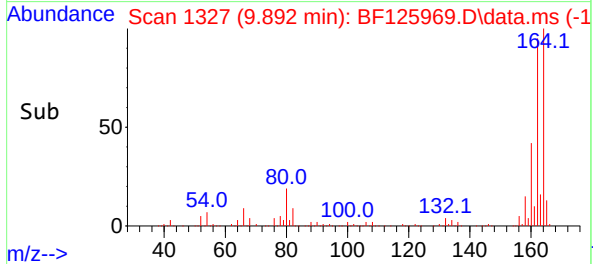
Instrument :
BNA_F
ClientSampled :
ETGI-282



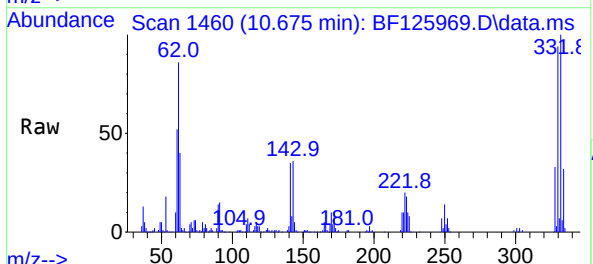
Tgt Ion:164 Resp: 397623
Ion Ratio Lower Upper
164 100
162 95.3 81.3 121.9
160 42.2 38.0 57.0

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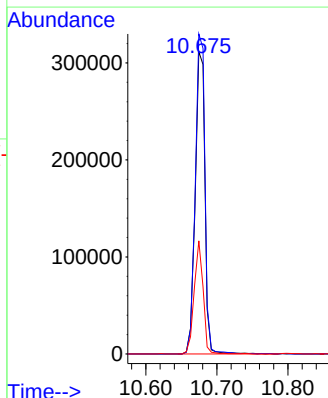
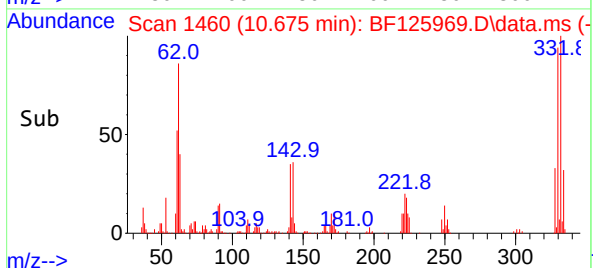
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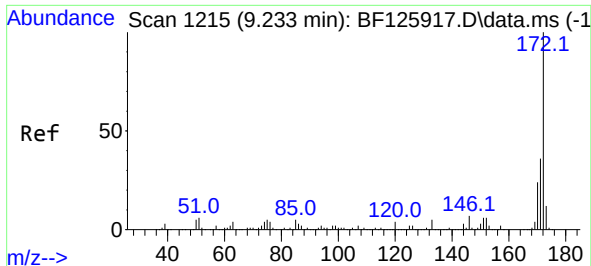


#42
2,4,6-Tribromophenol
Concen: 85.819 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12



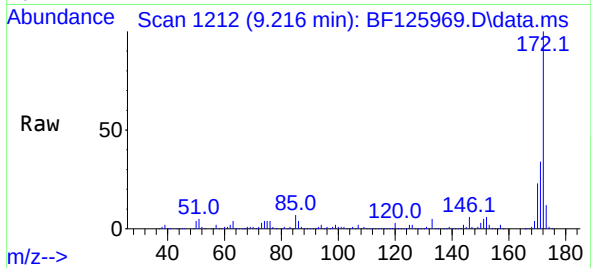
Tgt Ion:330 Resp: 297470
Ion Ratio Lower Upper
330 100
332 105.1 76.2 114.4
141 34.4 44.6 66.8#





#45
2-Fluorobiphenyl
Concen: 64.797 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

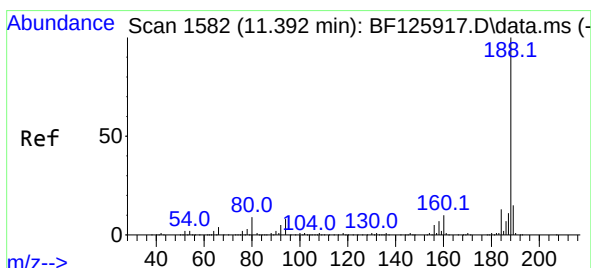
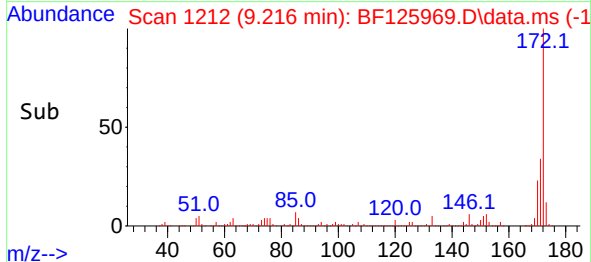
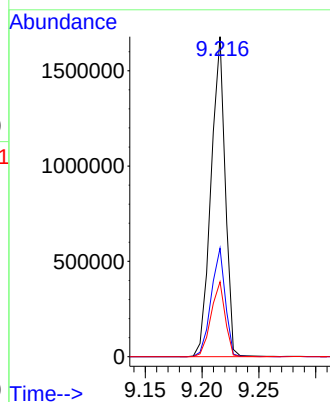
Instrument :
BNA_F
ClientSampleId :
ETGI-282



Tgt Ion:172 Resp: 1456940
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 23.4 18.8 28.2

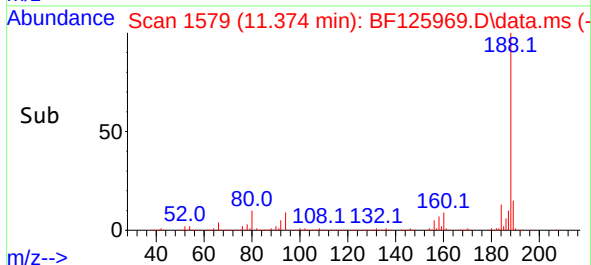
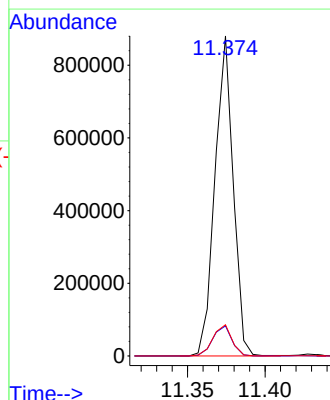
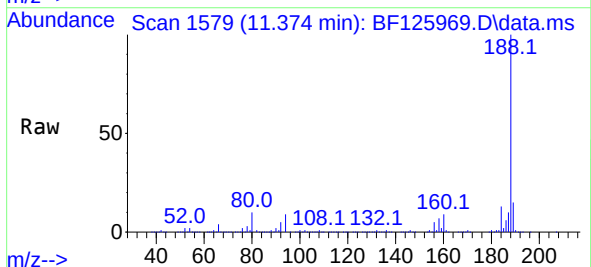
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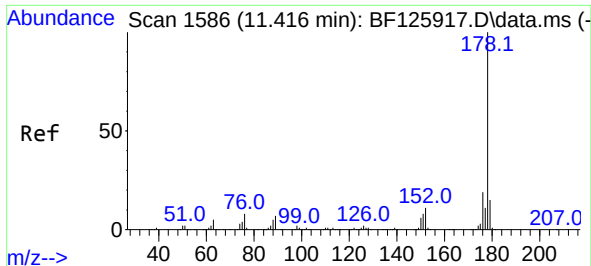
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

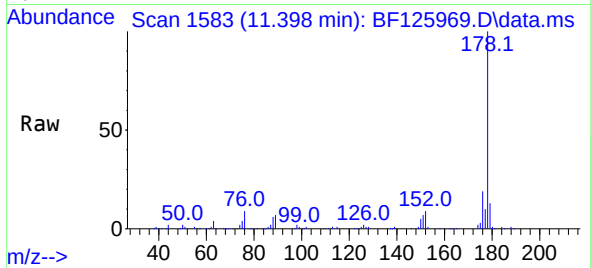
Tgt Ion:188 Resp: 721203
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.8 7.5 11.3





#71
Phenanthrene
Concen: 3.881 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

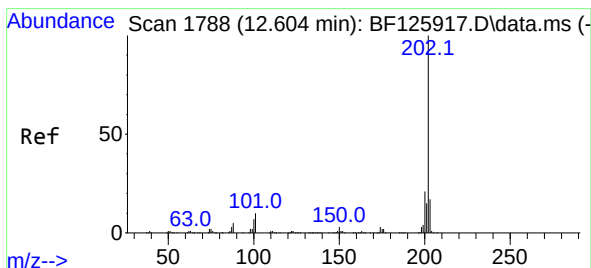
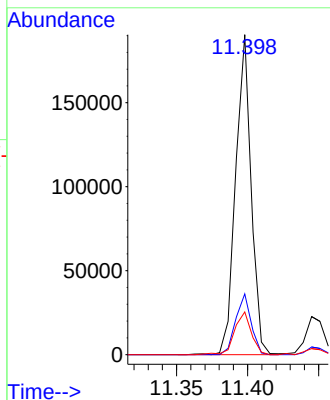
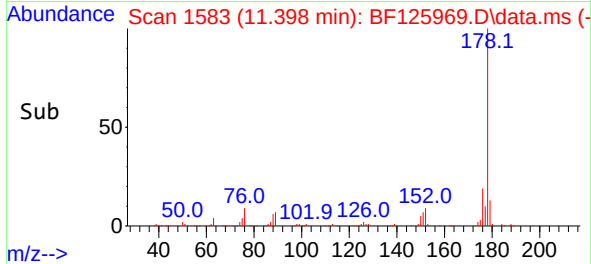
Instrument :
BNA_F
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ETGI-282



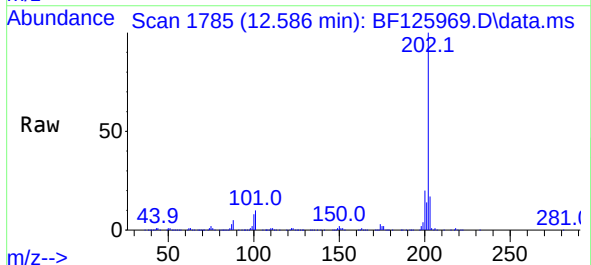
Tgt Ion:178 Resp: 145247
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 13.4 11.5 17.3

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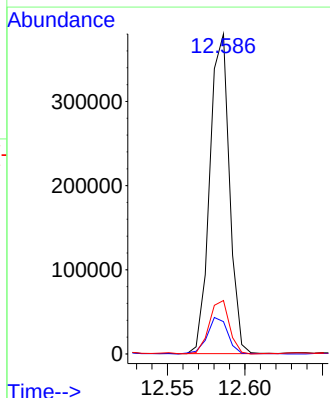
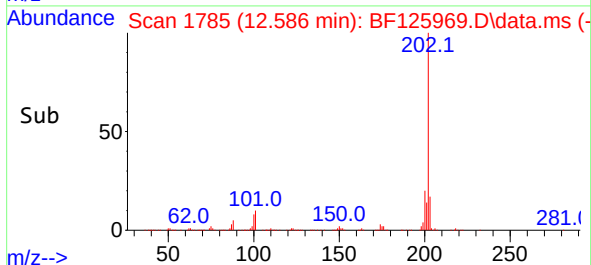
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10/29/2021 2:22:33 PM

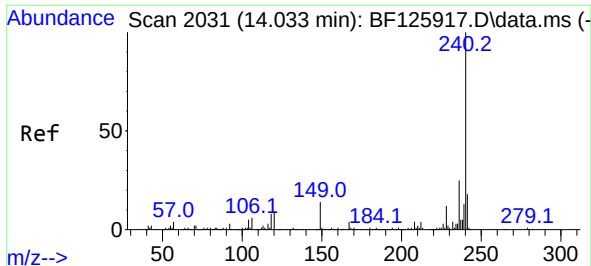


#75
Fluoranthene
Concen: 8.884 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

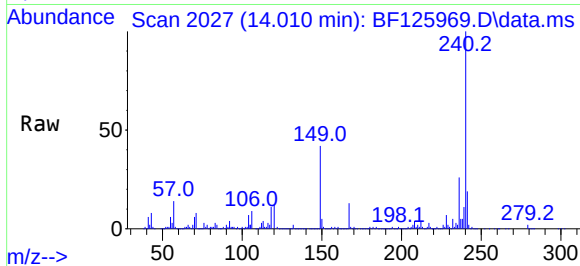


Tgt Ion:202 Resp: 335157
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.7
203 16.7 0.0 36.3

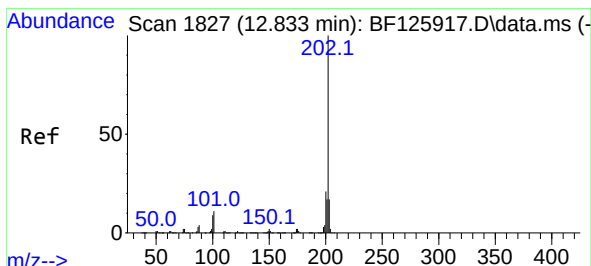
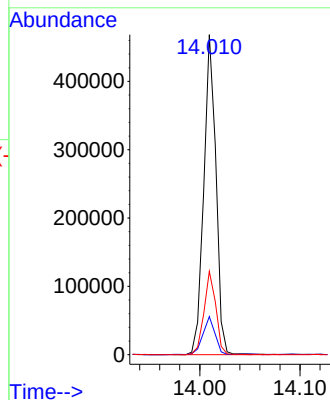
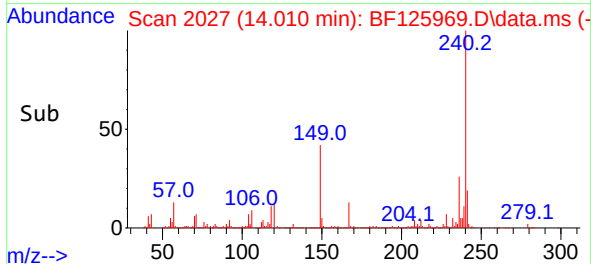




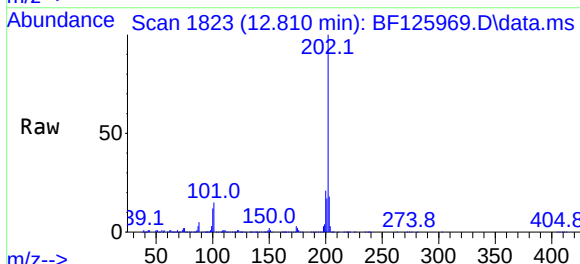
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Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.023 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12



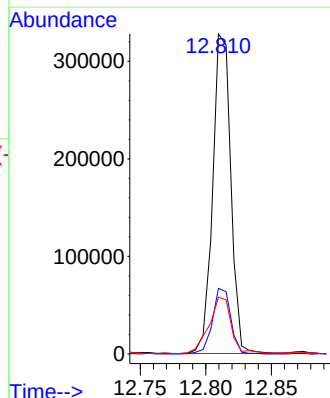
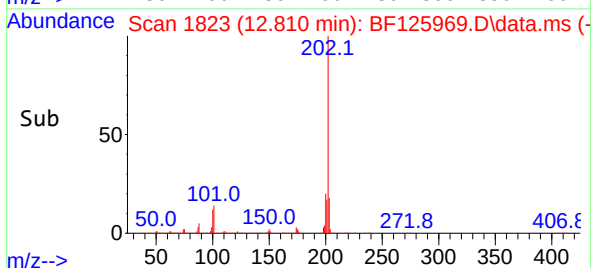
Tgt Ion:240 Resp: 396111
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 26.0 21.6 32.4



#78
Pyrene
Concen: 8.541 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.023 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12



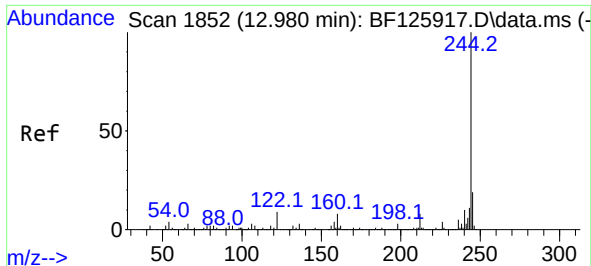
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Ion Ratio Lower Upper
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200 20.5 15.3 22.9
203 17.7 13.4 20.0



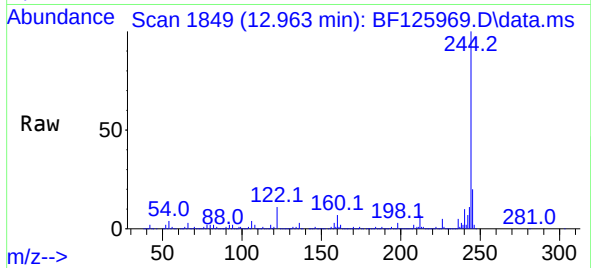
Instrument :
BNA_F
ClientSampled :
ETGI-282

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#79
Terphenyl-d14
Concen: 59.358 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

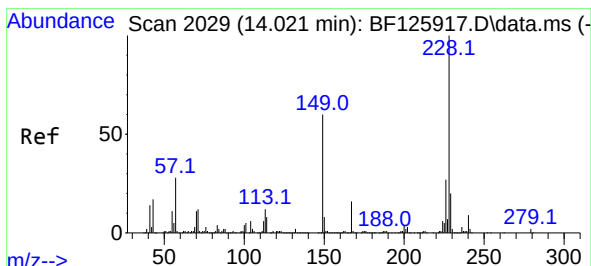
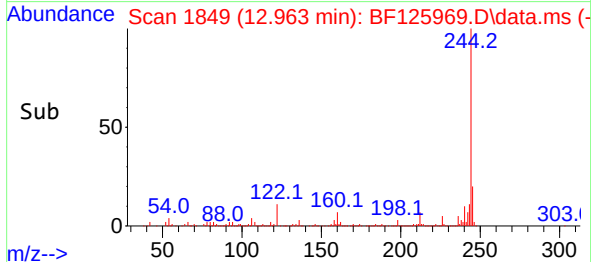
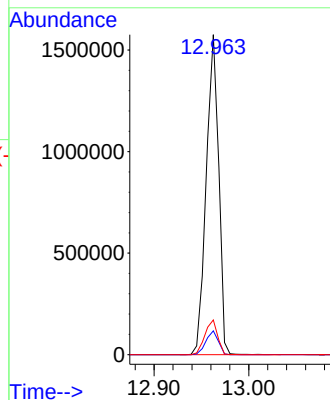


Tgt Ion:244 Resp: 1437433
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.9 9.0 13.4

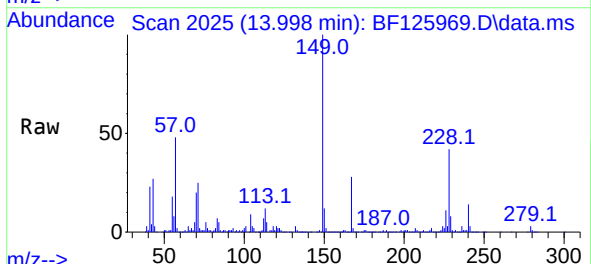
Instrument :
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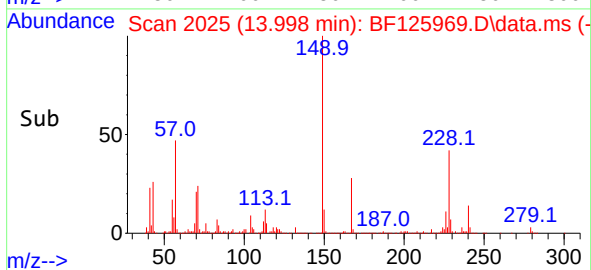
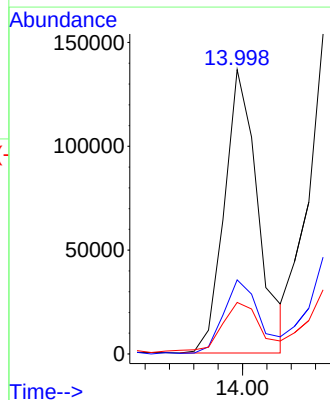
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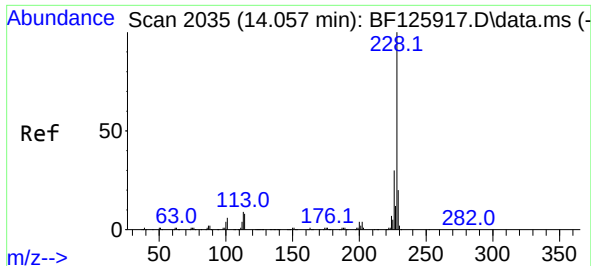


#81
Benzo(a)anthracene
Concen: 4.916 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.023 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12



Tgt Ion:228 Resp: 131063
Ion Ratio Lower Upper
228 100
226 26.1 21.6 32.4
229 18.2 15.6 23.4





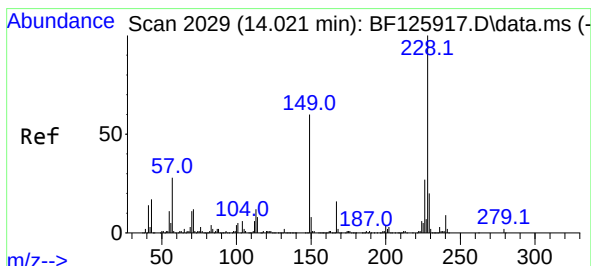
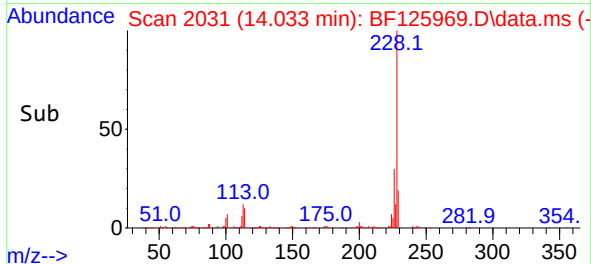
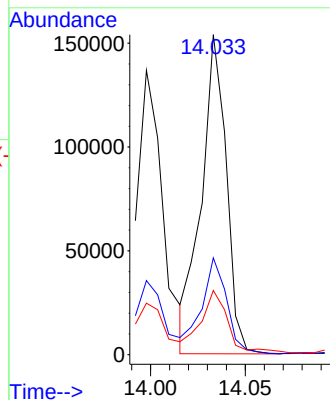
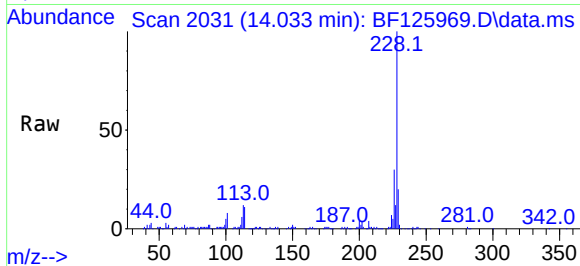
#83
Chrysene
Concen: 5.221 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.023 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

Tgt Ion:228 Resp: 140835
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 20.0 15.9 23.9

Instrument :
BNA_F
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ETGI-282

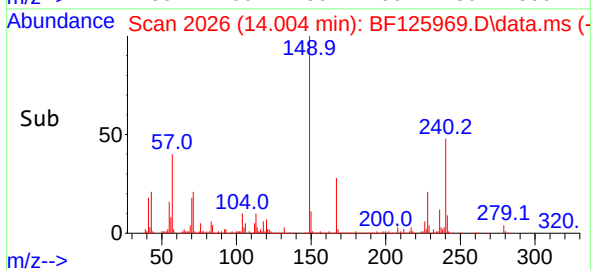
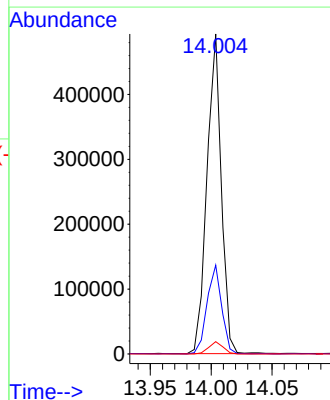
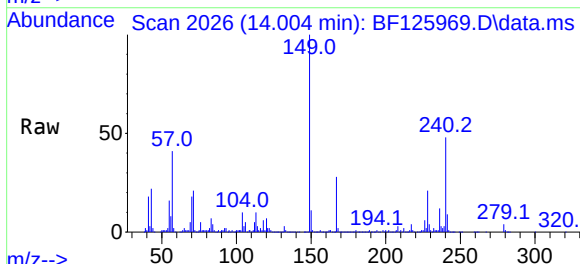
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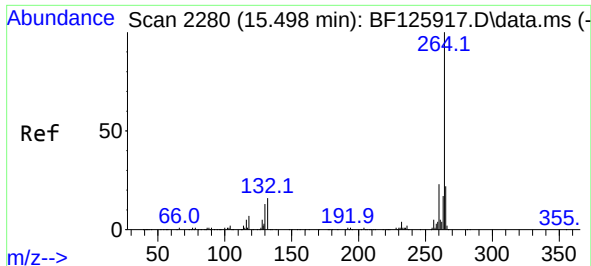
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#84
Bis(2-ethylhexyl)phthalate
Concen: 31.006 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

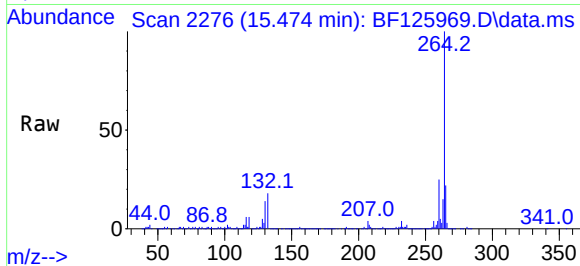
Tgt Ion:149 Resp: 402792
Ion Ratio Lower Upper
149 100
167 27.8 21.4 32.0
279 3.8 2.6 4.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.023 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

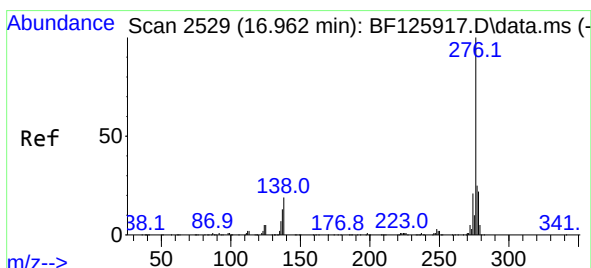
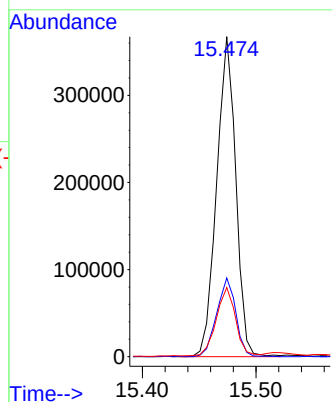
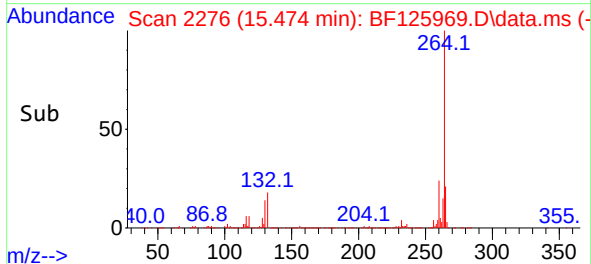
Instrument :
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ClientSampled :
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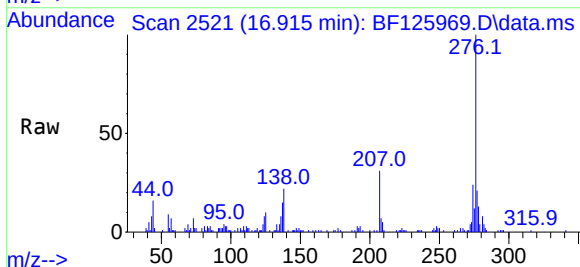
Tgt Ion:264 Resp: 429948
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 21.6 17.2 25.8

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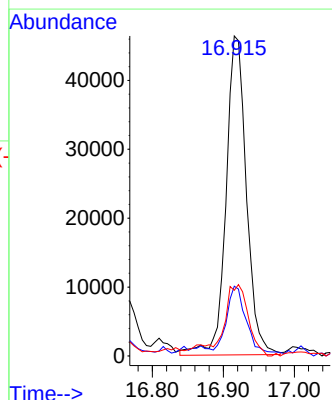
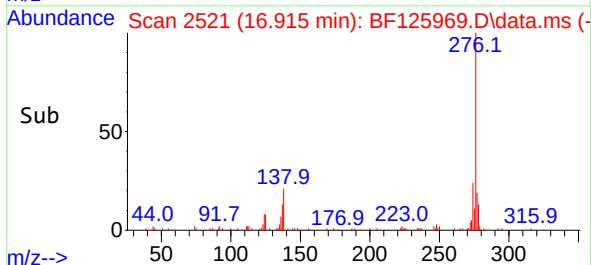
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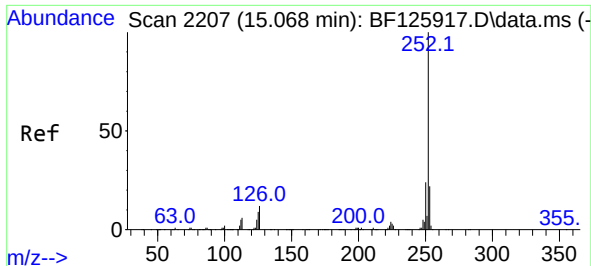


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.984 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.047 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12



Tgt Ion:276 Resp: 92438
Ion Ratio Lower Upper
276 100
138 20.3 24.1 36.1#
277 24.7 18.8 28.2





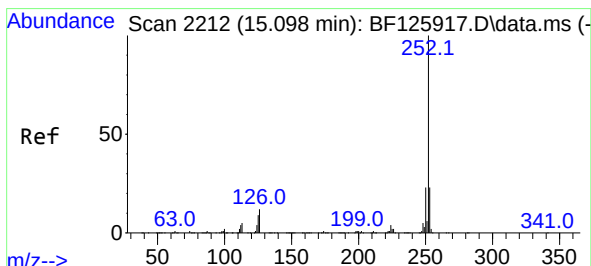
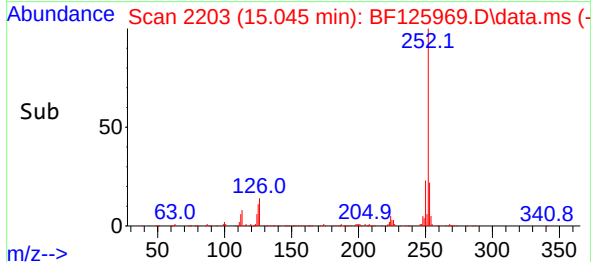
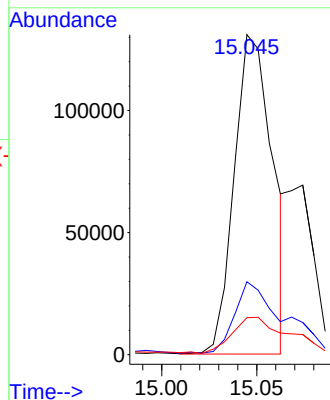
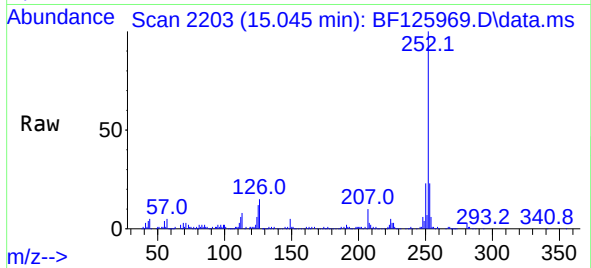
#88
Benzo(b)fluoranthene
Concen: 6.485 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.023 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

Tgt Ion:252 Resp: 184047
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 11.6 9.8 14.8

Instrument :
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ClientSampleId :
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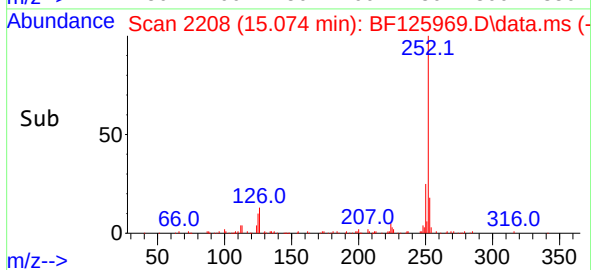
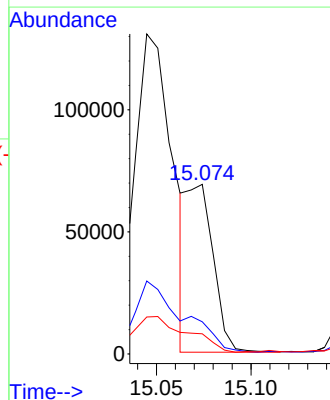
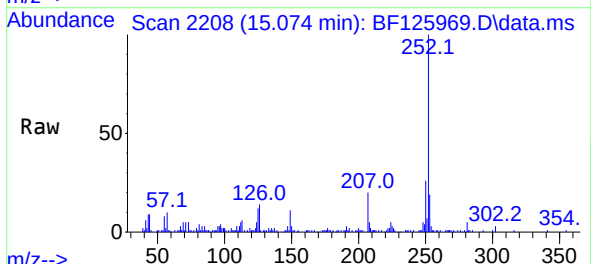
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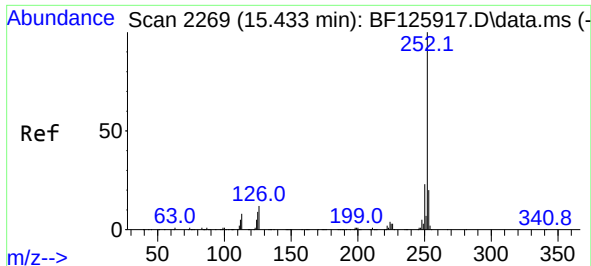
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#89
Benzo(k)fluoranthene
Concen: 2.421 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.023 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

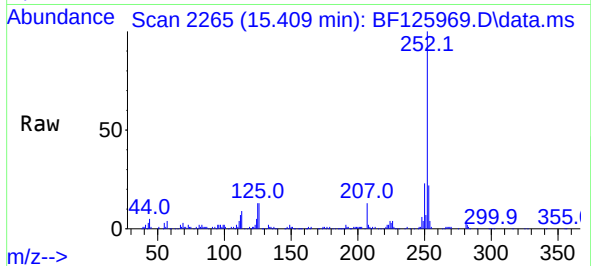
Tgt Ion:252 Resp: 66000
Ion Ratio Lower Upper
252 100
253 19.0 17.8 26.8
125 11.9 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 5.859 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.023 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12

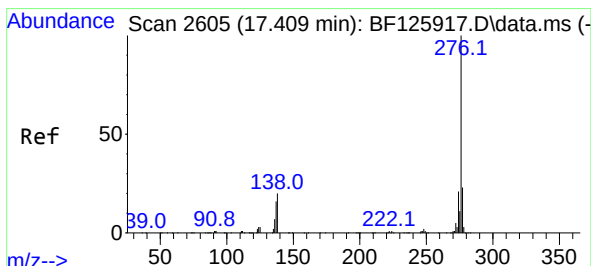
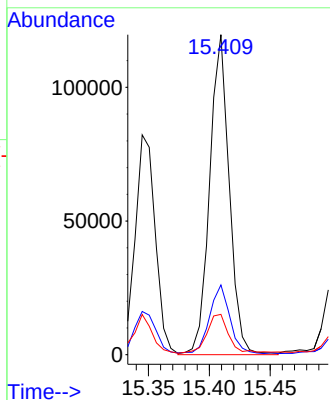
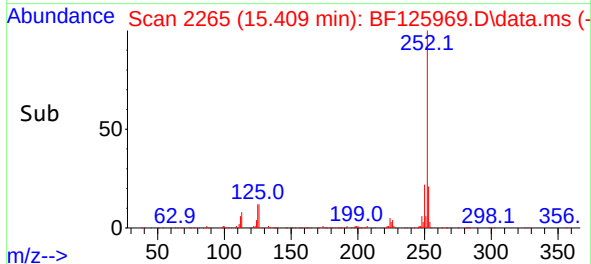
Instrument :
BNA_F
ClientSampleId :
ETGI-282



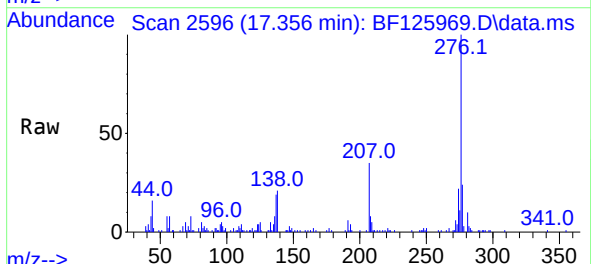
Tgt Ion:252 Resp: 134222
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 12.6 9.9 14.9

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#92
Benzo(g,h,i)perylene
Concen: 3.245 ng
RT: 17.356 min Scan# 2596
Delta R.T. -0.053 min
Lab File: BF125969.D
Acq: 27 Oct 2021 18:12



Tgt Ion:276 Resp: 85074
Ion Ratio Lower Upper
276 100
277 24.4 22.0 33.0
138 20.8 22.2 33.4#

