

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125953.D
 Acq On : 27 Oct 2021 1:27
 Operator : JU/CG
 Sample : M4324-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-007-A

Manual Integrations
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 10/27/2021 11:49:16 AM

Quant Time: Oct 27 09:05:30 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	6.869	152	197877	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	759592	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	366531	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	532098	20.000	ng	0.00
76) Chrysene-d12	14.027	240	392095	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	295369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	589617	44.384	ng	0.00
7) Phenol-d6	6.481	99	754009	41.382	ng	-0.01
23) Nitrobenzene-d5	7.422	82	480137	32.650	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	84004	26.291	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	773546	37.322	ng	-0.01
79) Terphenyl-d14	12.974	244	596394	24.880	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.933	154	47965	2.414	ng	95
71) Phenanthrene	11.410	178	514005	18.617	ng	99
72) Anthracene	11.457	178	149200	5.412	ng	98
73) Carbazole	11.610	167	63284	2.415	ng	98
75) Fluoranthene	12.598	202	626410	22.506	ng	97
78) Pyrene	12.827	202	547830	15.014	ng	96
80) Butylbenzylphthalate	13.451	149	39916	3.363	ng	87
81) Benzo(a)anthracene	14.016	228	260034	9.854	ng	100
83) Chrysene	14.051	228	248228	9.297	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	26428	2.055	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.951	276	82926m	3.897	ng	
88) Benzo(b)fluoranthene	15.068	252	247221m	12.681	ng	
89) Benzo(k)fluoranthene	15.092	252	67693m	3.615	ng	
90) Benzo(a)pyrene	15.433	252	161626	10.269	ng	100
92) Benzo(g,h,i)perylene	17.398	276	80677	4.479	ng	# 88

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

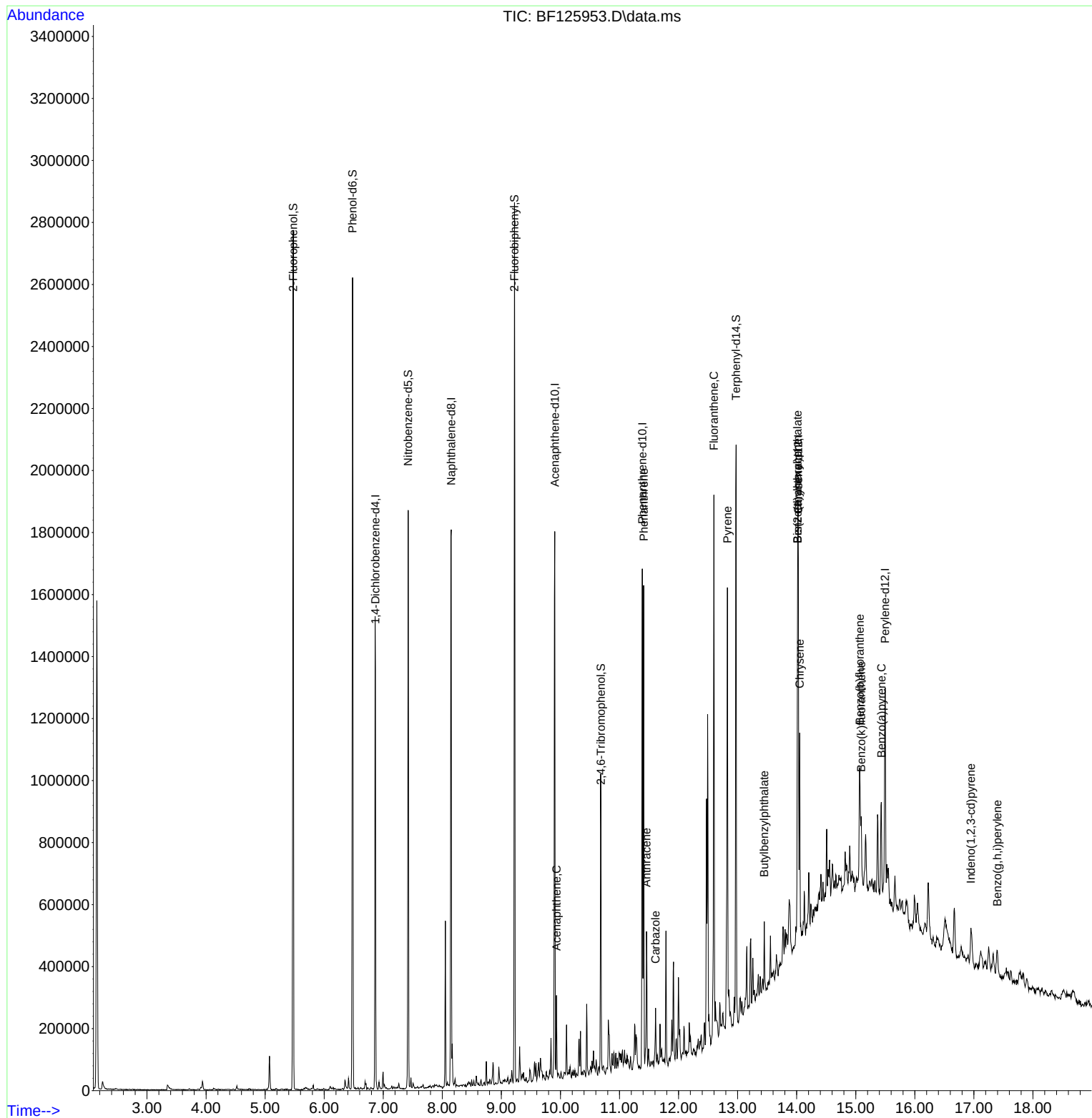
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125953.D
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Operator : JU/CG
Sample : M4324-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

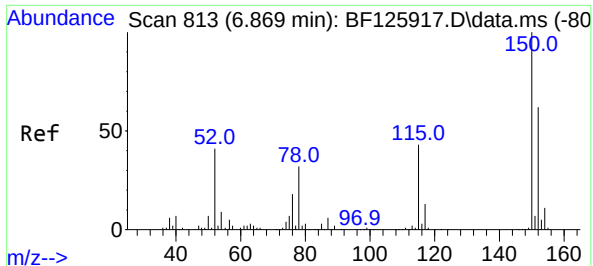
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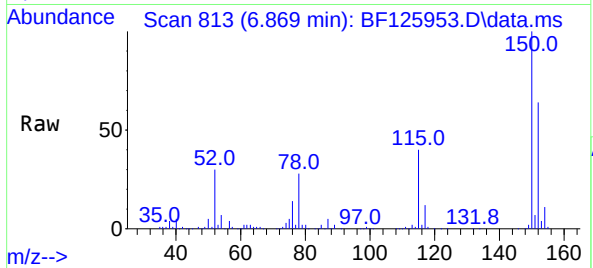
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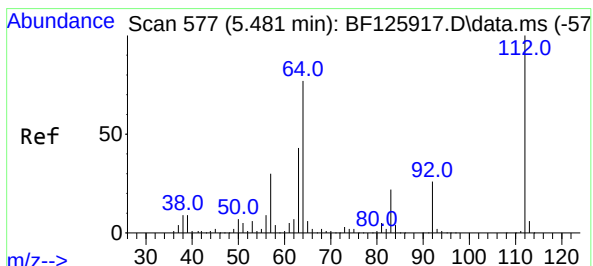
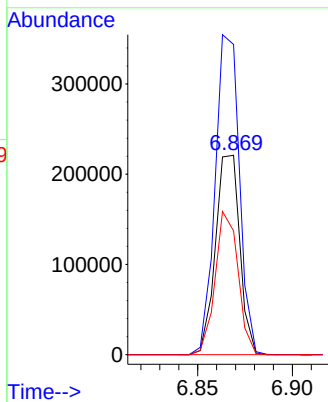
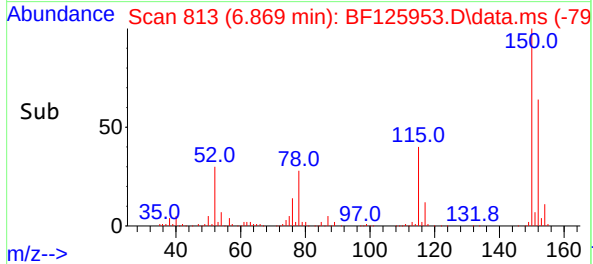




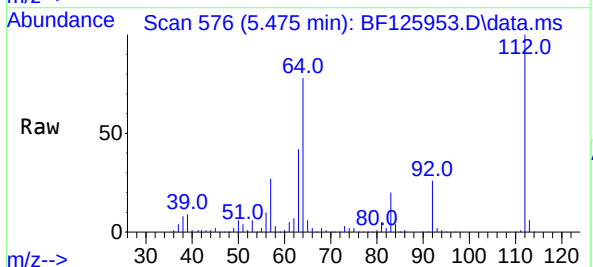
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



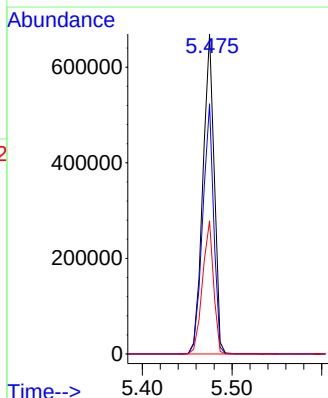
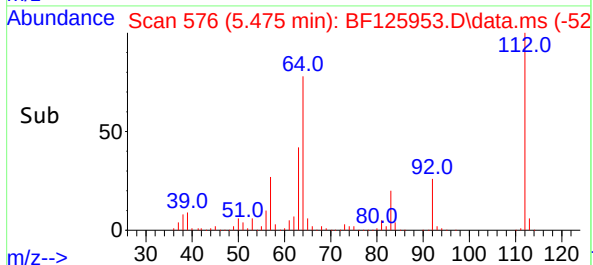
Tgt Ion:152 Resp: 197877
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 62.1 47.1 70.7



#5
2-Fluorophenol
Concen: 44.384 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



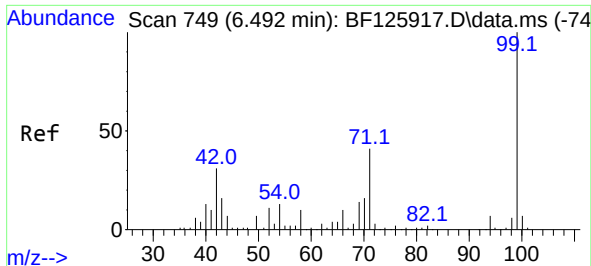
Tgt Ion:112 Resp: 589617
Ion Ratio Lower Upper
112 100
64 78.2 44.2 66.2#
63 41.6 26.2 39.2#



Instrument :
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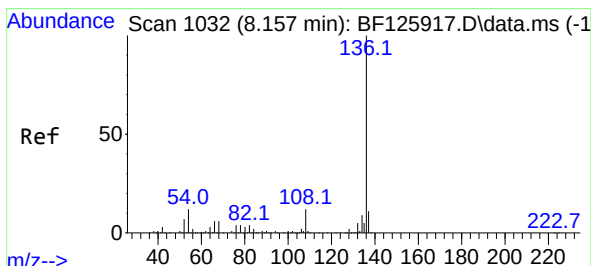
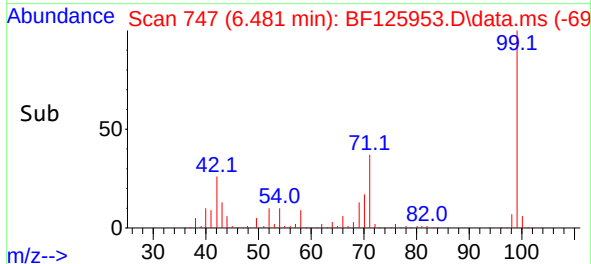
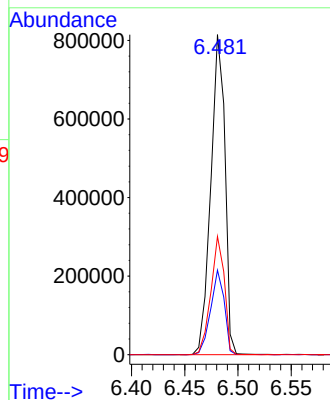
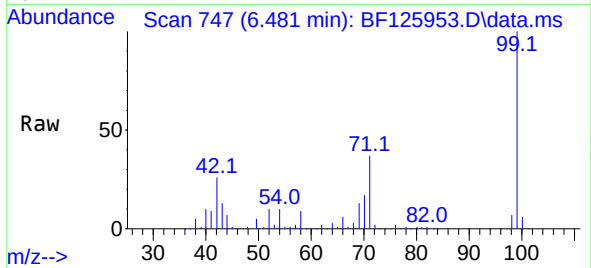
#7
Phenol-d6
Concen: 41.382 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

Tgt Ion:	99	Resp:	754009
Ion	Ratio	Lower	Upper
99	100		
42	26.4	23.5	35.3
71	36.9	25.6	38.4

Instrument :
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ClientSampleId :
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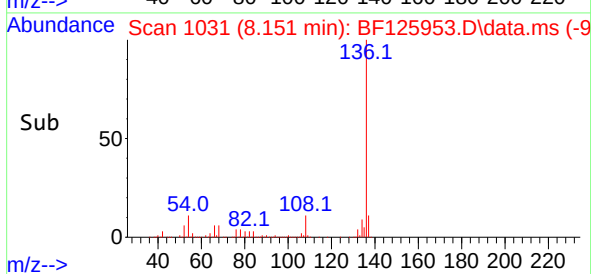
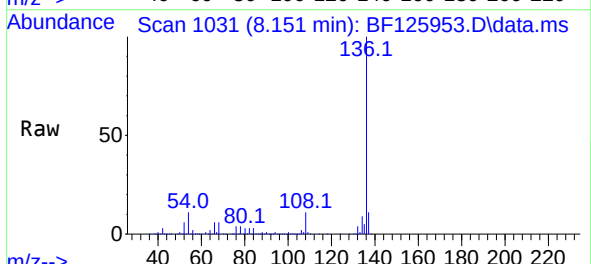
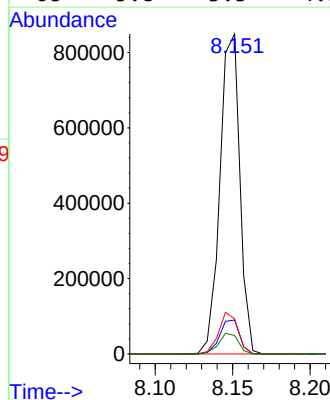
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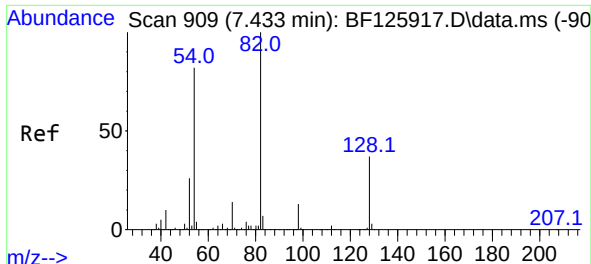
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

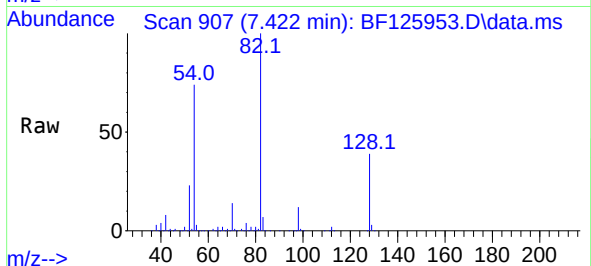
Tgt Ion:	136	Resp:	759592
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	11.0	6.4	9.6#
68	5.8	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 32.650 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

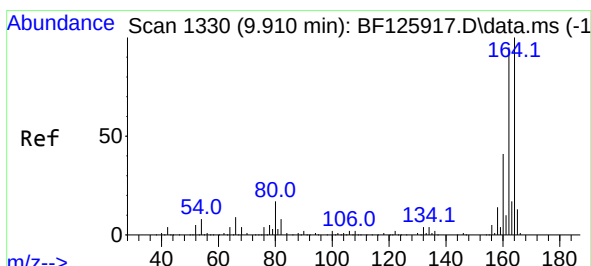
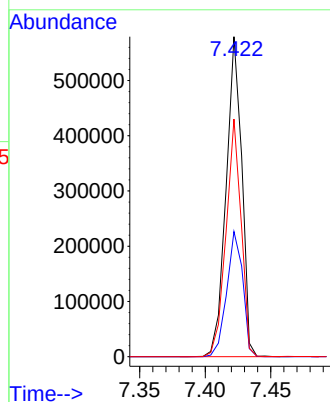
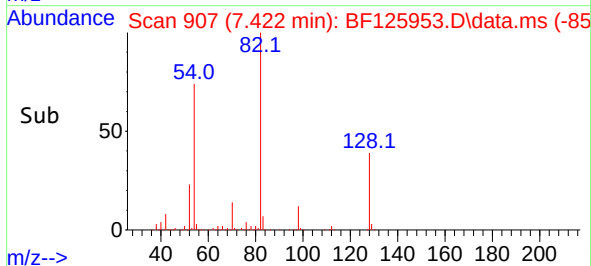
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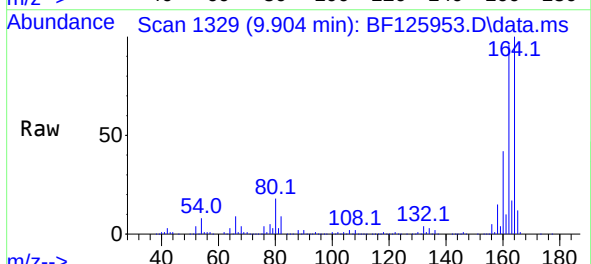
Tgt Ion: 82 Resp: 480137
Ion Ratio Lower Upper
82 100
128 39.1 40.6 60.8#
54 74.2 49.6 74.4

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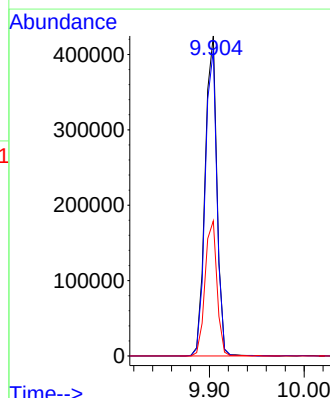
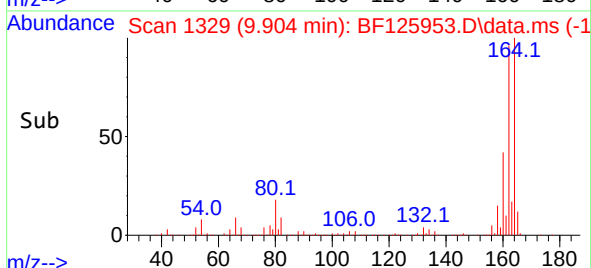
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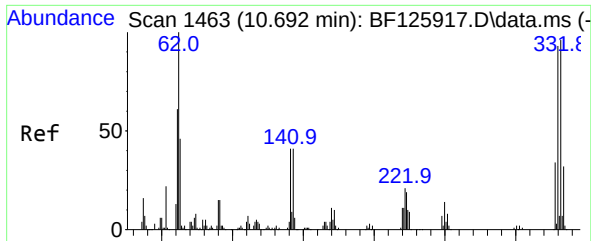


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



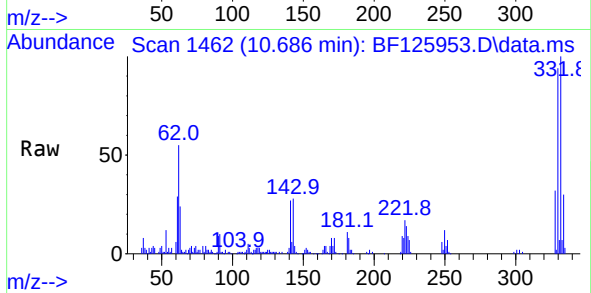
Tgt Ion: 164 Resp: 366531
Ion Ratio Lower Upper
164 100
162 95.5 81.3 121.9
160 42.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 26.291 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

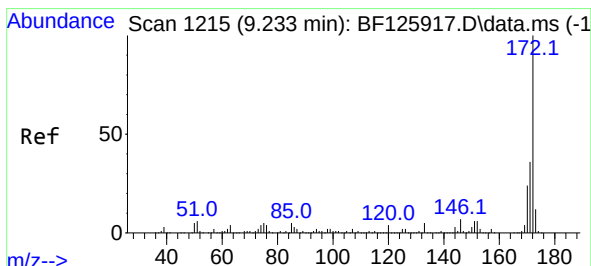
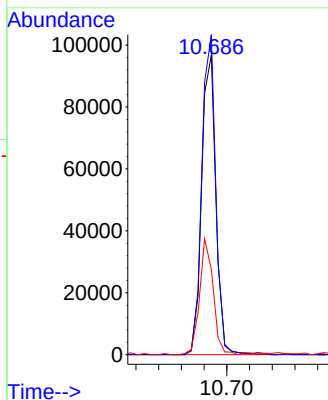
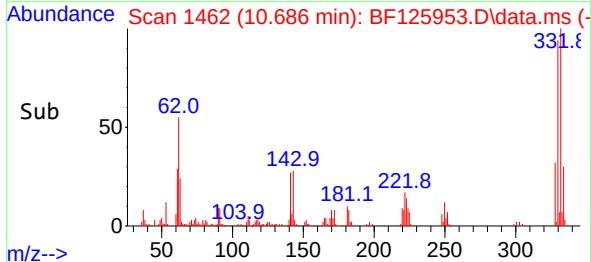
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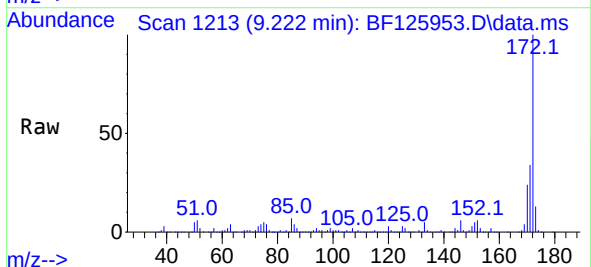
Tgt Ion: 330 Resp: 84004
Ion Ratio Lower Upper
330 100
332 104.5 76.2 114.4
141 36.9 44.6 66.8#

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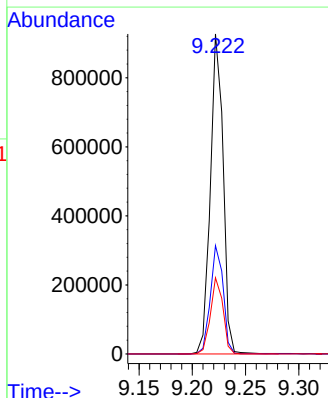
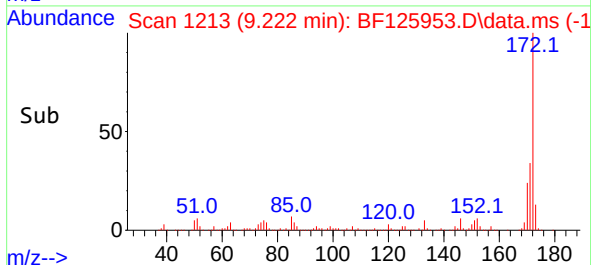
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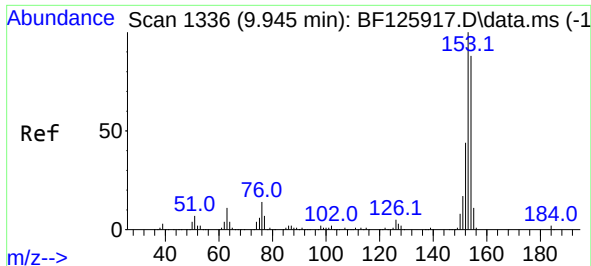


#45
2-Fluorobiphenyl
Concen: 37.322 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



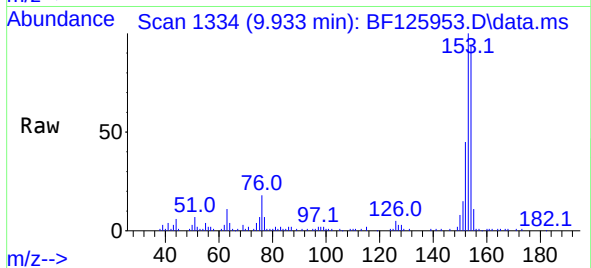
Tgt Ion: 172 Resp: 773546
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 23.8 18.8 28.2





#52
Acenaphthene
Concen: 2.414 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

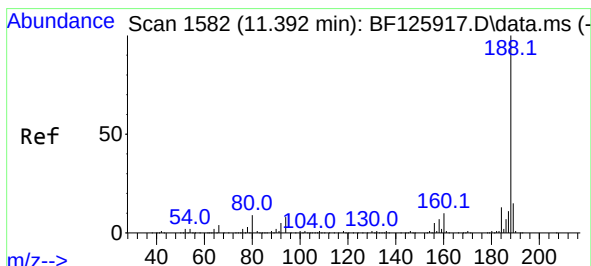
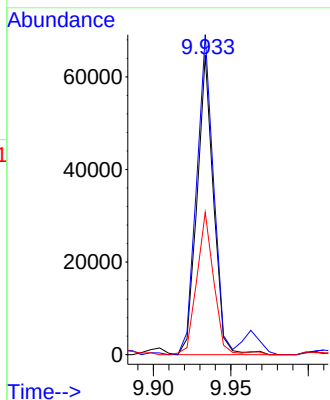
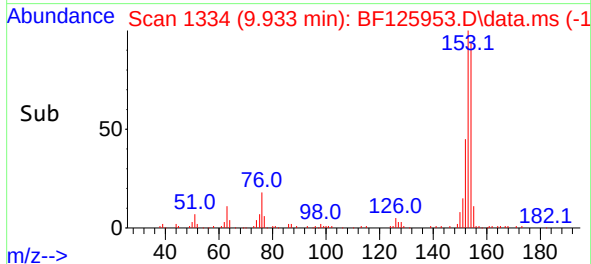
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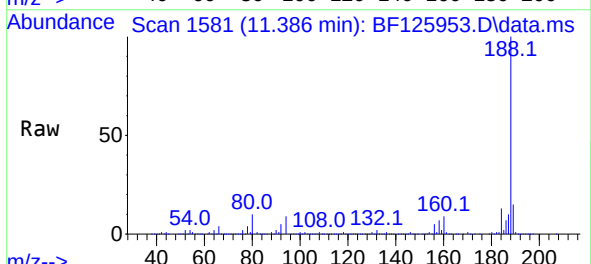
Tgt Ion:154 Resp: 47965
Ion Ratio Lower Upper
154 100
153 106.8 89.4 134.2
152 47.5 40.5 60.7

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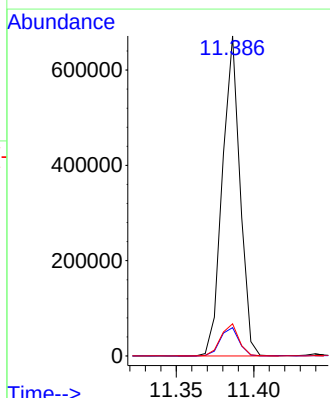
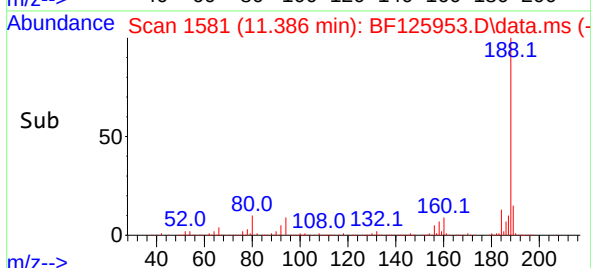
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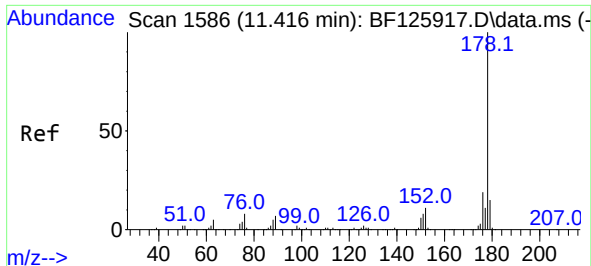


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



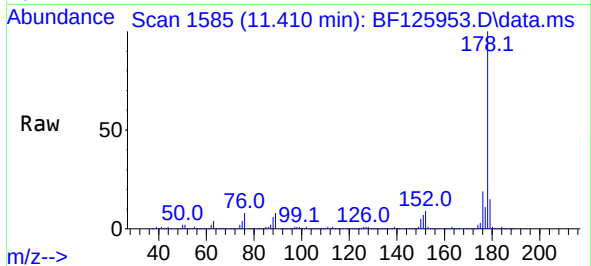
Tgt Ion:188 Resp: 532098
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 10.1 7.5 11.3





#71
Phenanthrene
Concen: 18.617 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

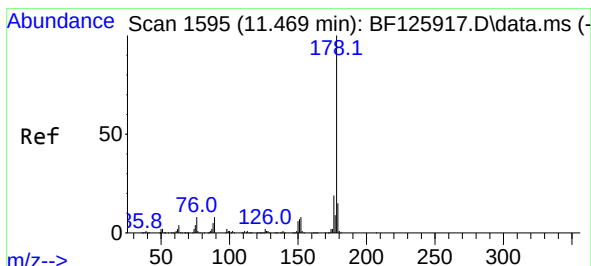
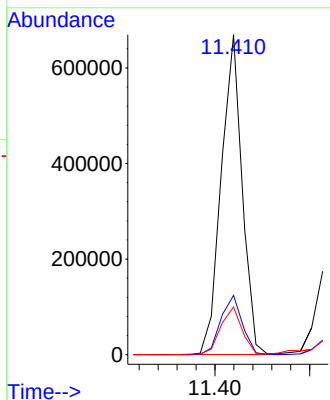
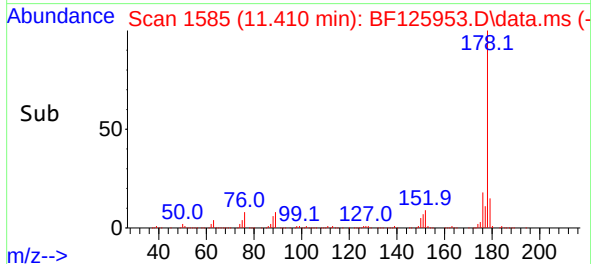
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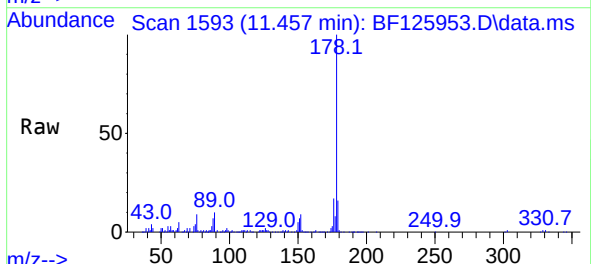
Tgt Ion:178 Resp: 514005
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.9 11.5 17.3

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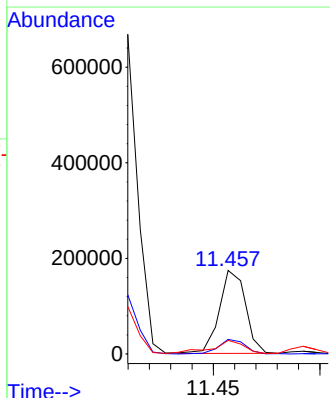
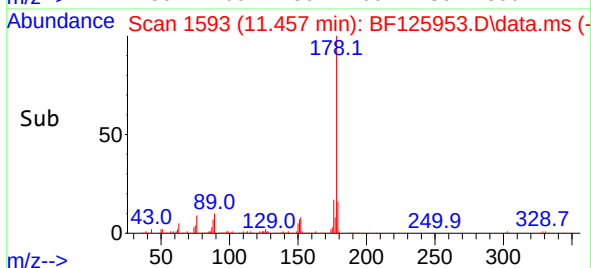
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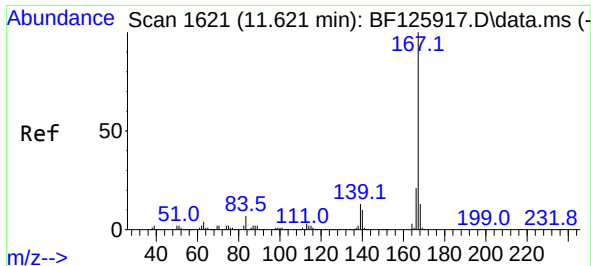


#72
Anthracene
Concen: 5.412 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



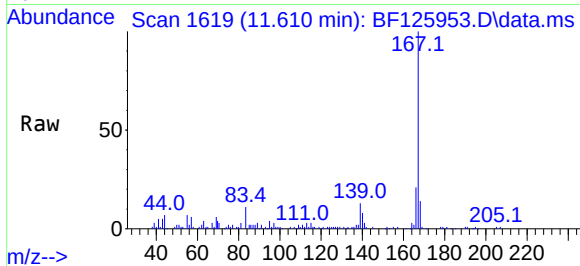
Tgt Ion:178 Resp: 149200
Ion Ratio Lower Upper
178 100
176 17.4 14.3 21.5
179 16.4 12.2 18.4





#73
 Carbazole
 Concen: 2.415 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.012 min
 Lab File: BF125953.D
 Acq: 27 Oct 2021 1:27

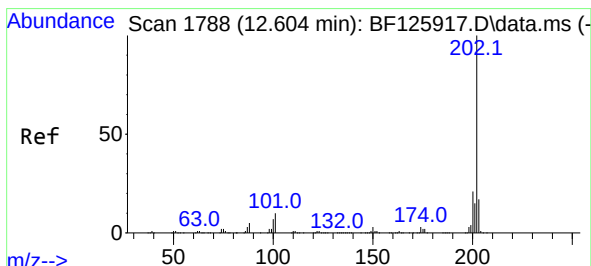
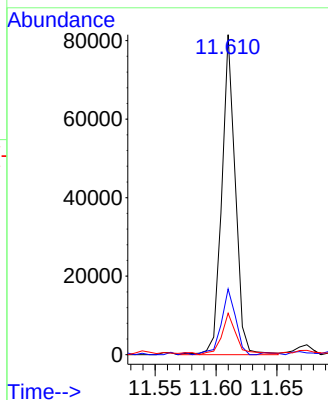
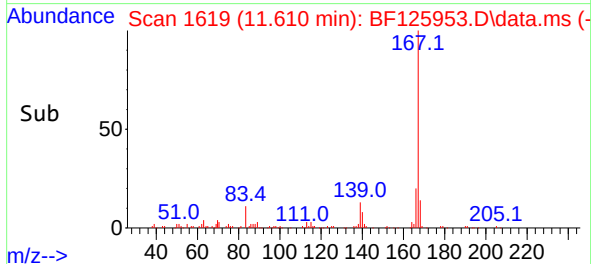
Instrument :
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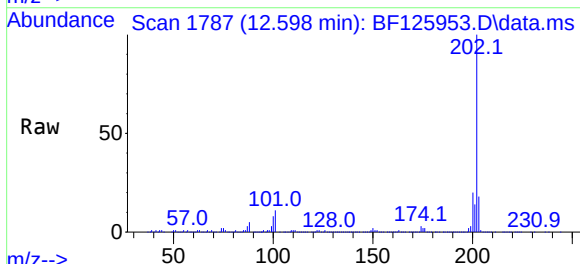
Tgt Ion:167 Resp: 63284
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.4 26.0
 139 13.0 11.0 16.4

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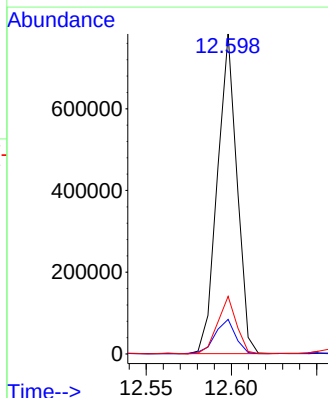
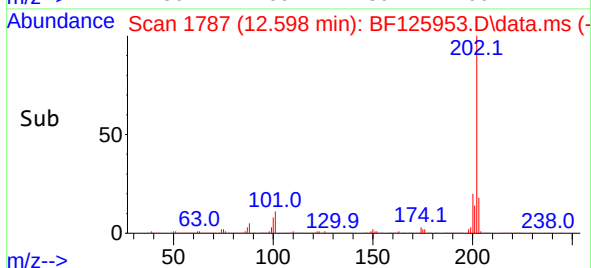
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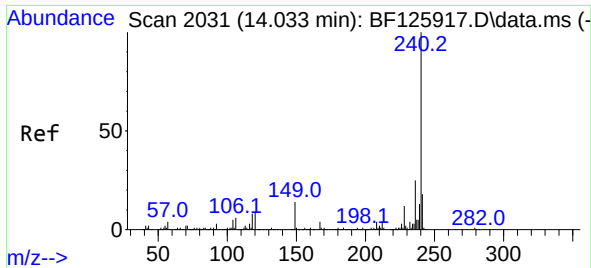


#75
 Fluoranthene
 Concen: 22.506 ng
 RT: 12.598 min Scan# 1787
 Delta R.T. -0.006 min
 Lab File: BF125953.D
 Acq: 27 Oct 2021 1:27



Tgt Ion:202 Resp: 626410
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 30.7
 203 18.0 0.0 36.3





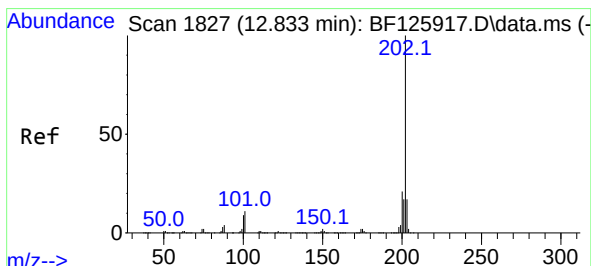
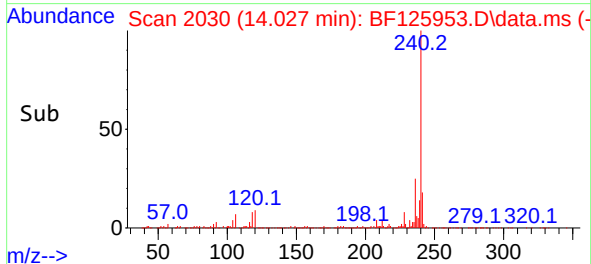
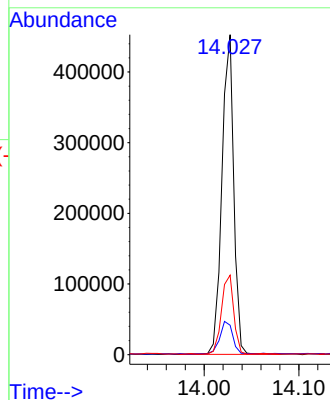
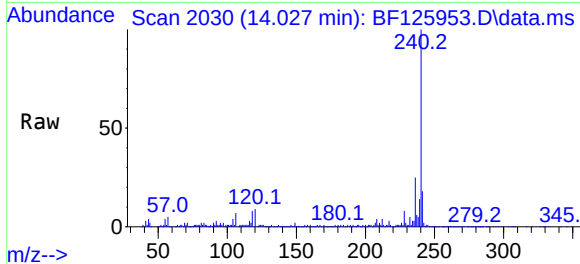
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

Tgt Ion:240 Resp: 392095
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 24.8 21.6 32.4

Instrument :
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ClientSampleId :
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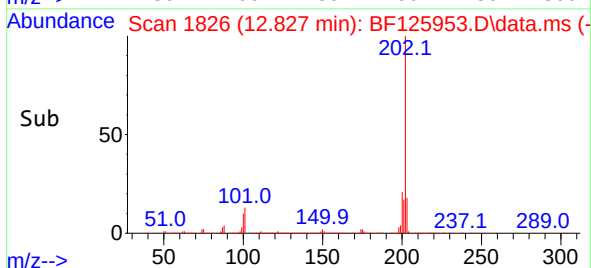
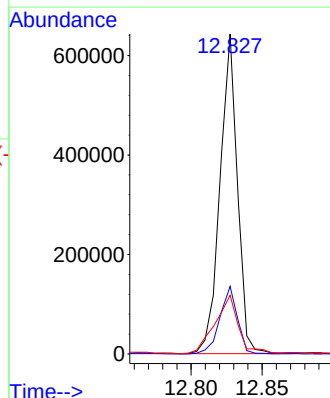
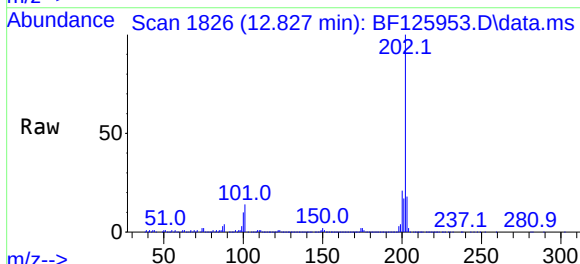
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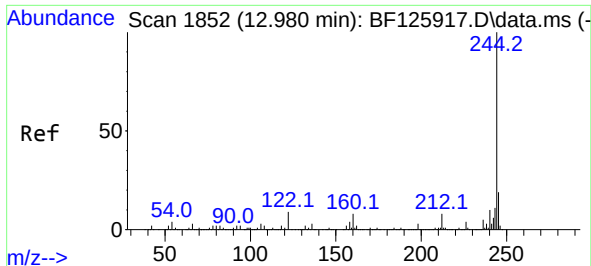
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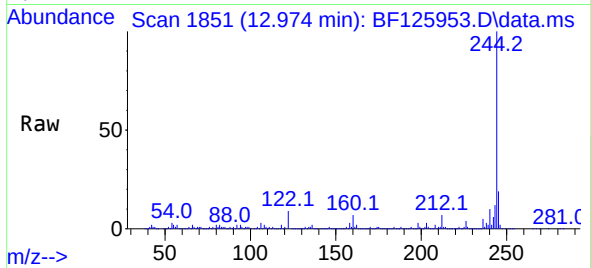
#78
Pyrene
Concen: 15.014 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

Tgt Ion:202 Resp: 547830
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 18.4 13.4 20.0

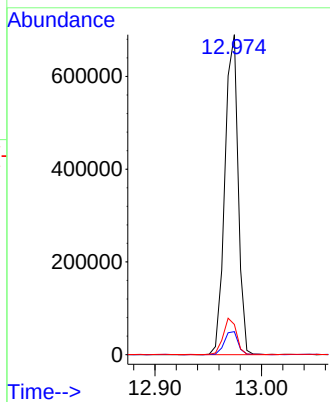
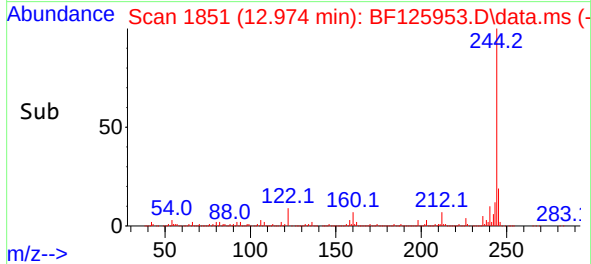




#79
Terphenyl-d14
Concen: 24.880 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



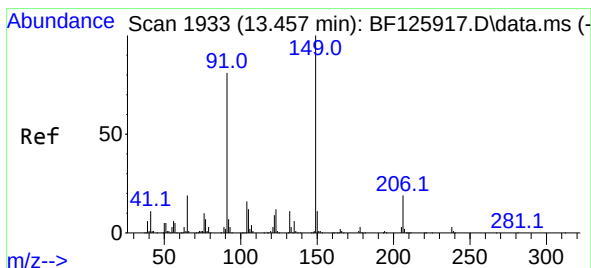
Tgt Ion:244 Resp: 596394
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.5 9.0 13.4



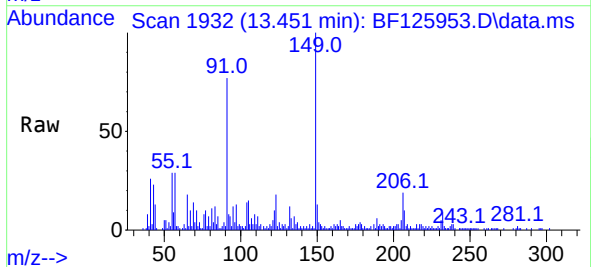
Instrument :
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ClientSampleId :
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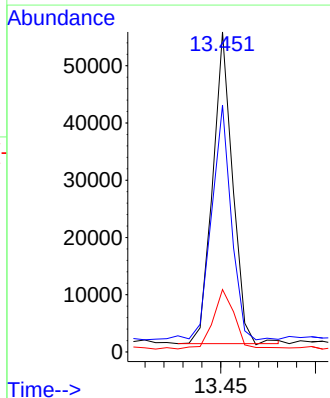
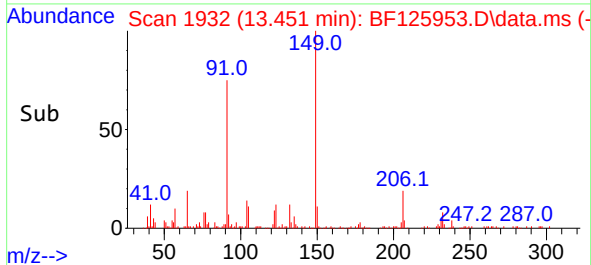
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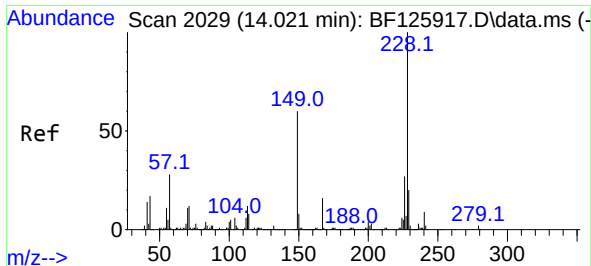


#80
Butylbenzylphthalate
Concen: 3.363 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

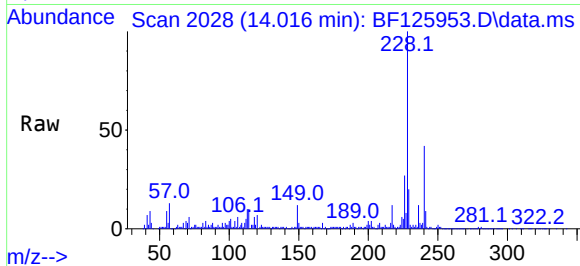


Tgt Ion:149 Resp: 39916
Ion Ratio Lower Upper
149 100
91 77.2 51.8 77.8
206 19.5 14.5 21.7





#81
Benzo(a)anthracene
Concen: 9.854 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

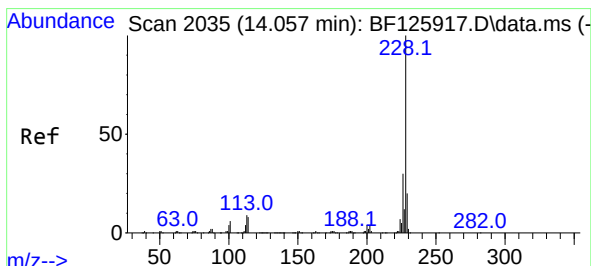
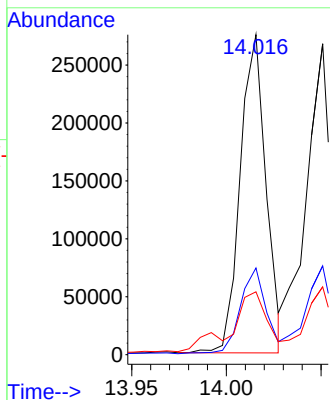
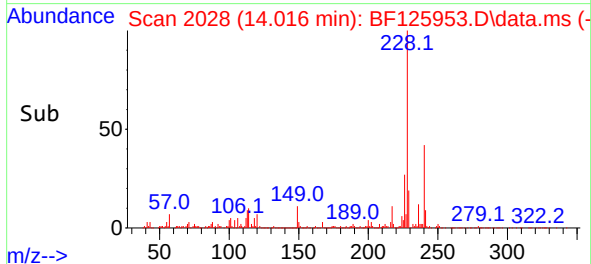


Tgt Ion:228 Resp: 260034
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.6 15.6 23.4

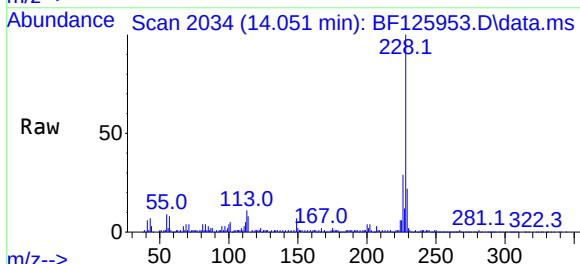
Instrument :
BNA_F
ClientSampleId :
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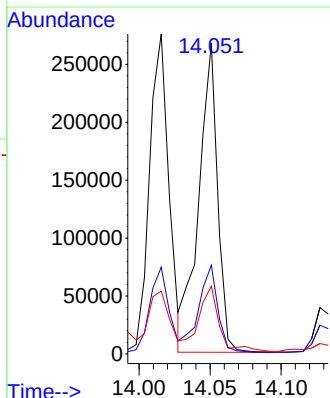
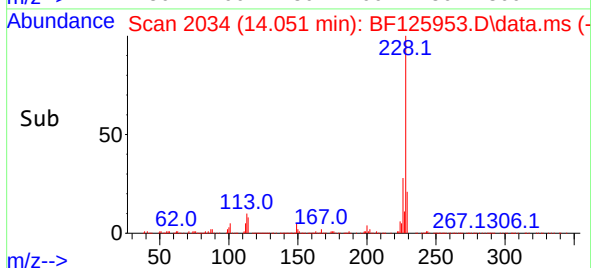
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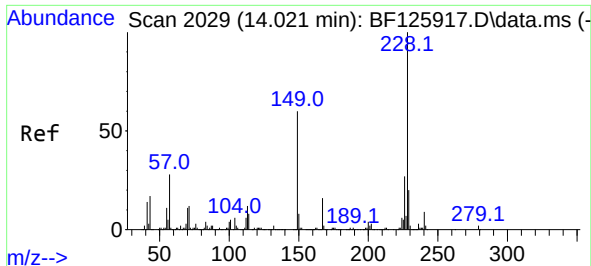


#83
Chrysene
Concen: 9.297 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



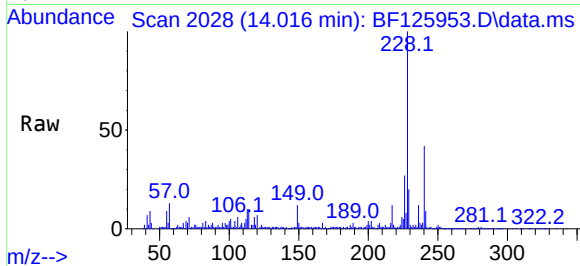
Tgt Ion:228 Resp: 248228
Ion Ratio Lower Upper
228 100
226 28.6 22.6 34.0
229 21.8 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.055 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

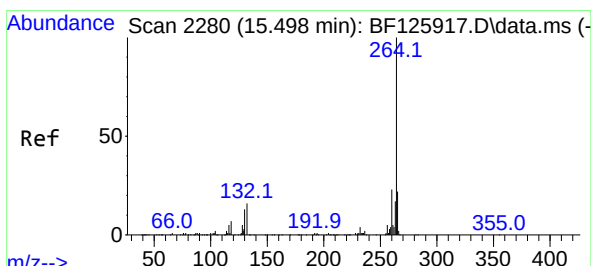
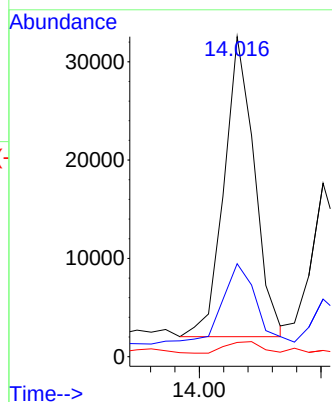
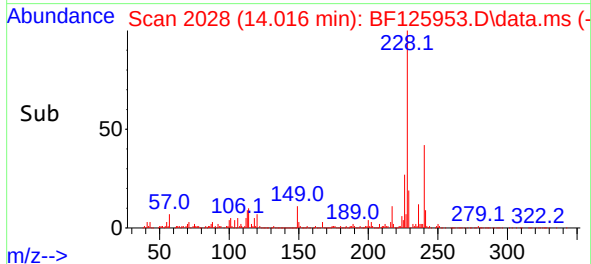
Instrument :
BNA_F
ClientSampleId :
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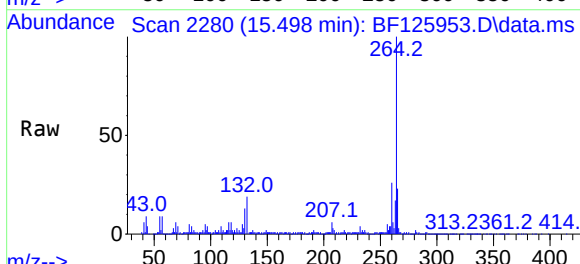
Tgt Ion:149 Resp: 26428
Ion Ratio Lower Upper
149 100
167 29.1 21.4 32.0
279 4.4 2.6 4.0#

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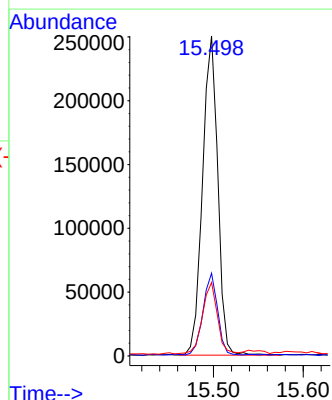
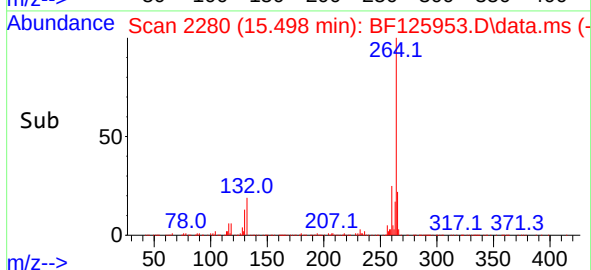
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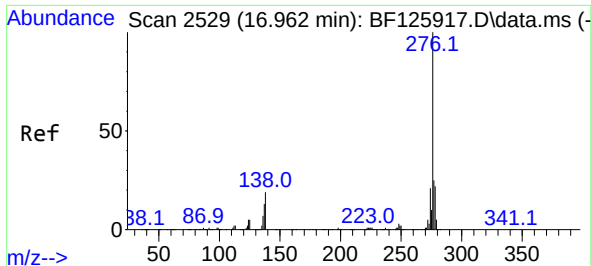


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



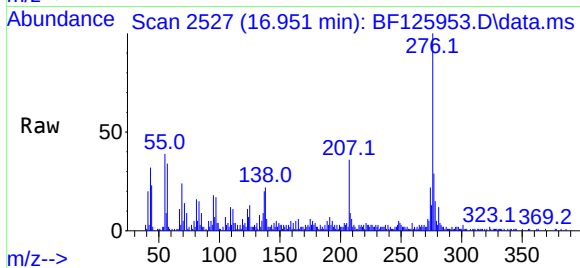
Tgt Ion:264 Resp: 295369
Ion Ratio Lower Upper
264 100
260 25.8 19.6 29.4
265 23.0 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.897 ng m
RT: 16.951 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27

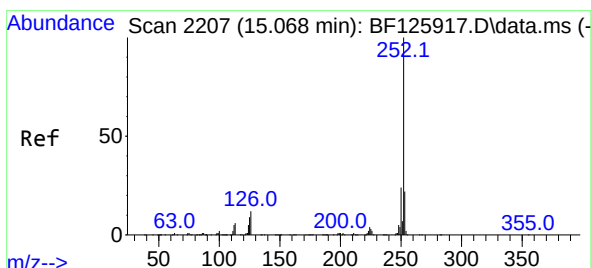
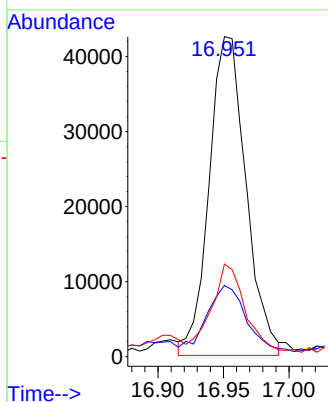
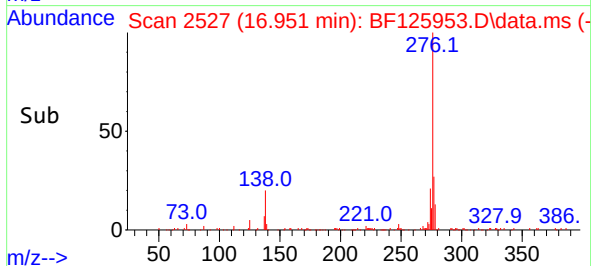
Instrument :
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ClientSampleId :
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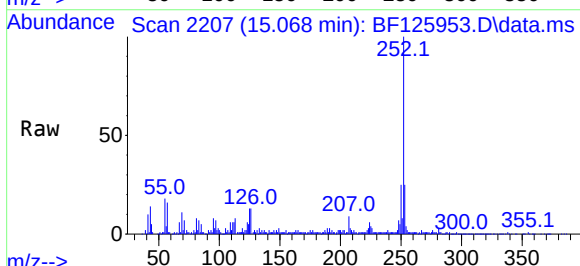
Tgt Ion: 276 Resp: 82926
Ion Ratio Lower Upper
276 100
138 1.2 24.1 36.1#
277 0.8 18.8 28.2#

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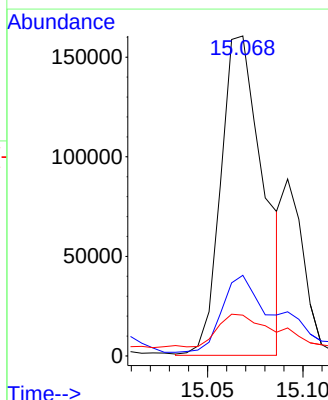
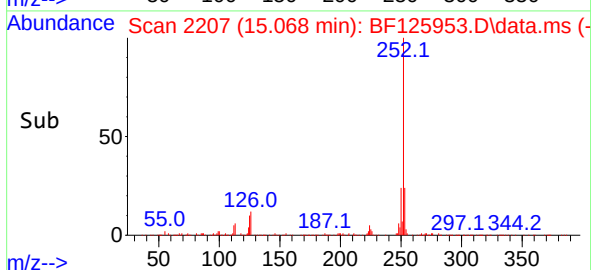
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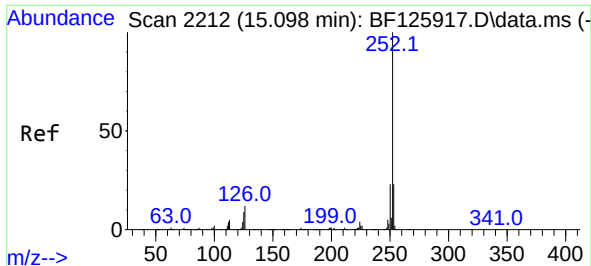


#88
Benzo(b)fluoranthene
Concen: 12.681 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF125953.D
Acq: 27 Oct 2021 1:27



Tgt Ion: 252 Resp: 247221
Ion Ratio Lower Upper
252 100
253 25.2 16.8 25.2
125 12.8 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 3.615 ng m

RT: 15.092 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF125953.D

Acq: 27 Oct 2021 1:27

Tgt Ion:252	Resp:	67693
Ion Ratio	Lower	Upper
252	100	
253	24.9	17.8 26.8
125	15.8	7.2 10.8#

Instrument :

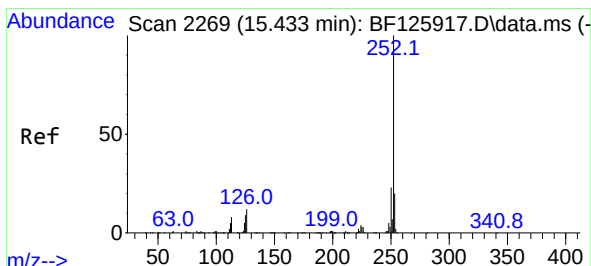
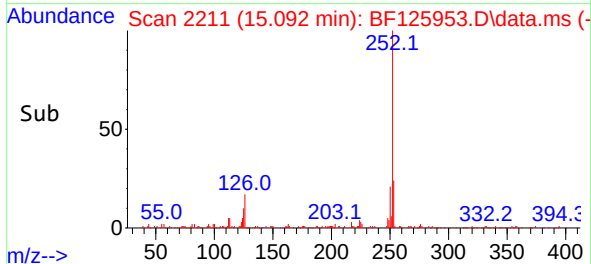
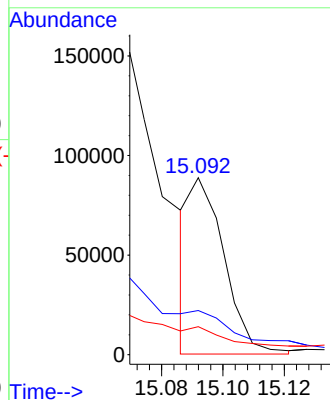
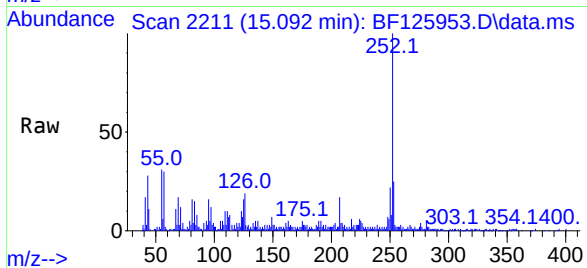
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ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 10.269 ng

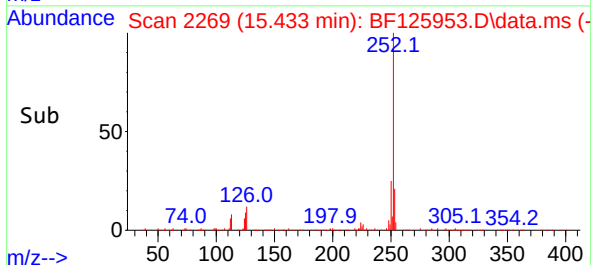
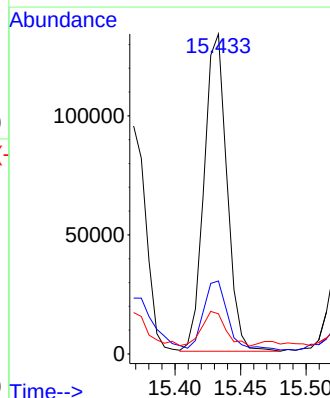
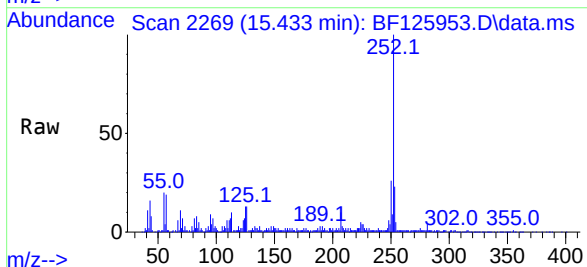
RT: 15.433 min Scan# 2269

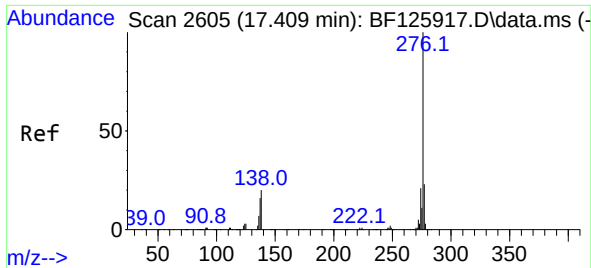
Delta R.T. 0.000 min

Lab File: BF125953.D

Acq: 27 Oct 2021 1:27

Tgt Ion:252	Resp:	161626
Ion Ratio	Lower	Upper
252	100	
253	22.8	18.4 27.6
125	12.5	9.9 14.9





#92
 Benzo(g,h,i)perylene
 Concen: 4.479 ng
 RT: 17.398 min Scan# 2603
 Delta R.T. -0.012 min
 Lab File: BF125953.D
 Acq: 27 Oct 2021 1:27

Tgt Ion:	276	Resp:	80677
Ion Ratio	Lower	Upper	
276	100		
277	20.9	22.0	33.0#
138	22.0	22.2	33.4#

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-007-A

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