

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125612.D
 Acq On : 24 Sep 2021 2:04
 Operator : JU/CG
 Sample : M3820-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-CONCRETE

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Quant Time: Sep 24 04:21:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	211157	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	858474	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	449929	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	701208	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	399472	20.000	ng	0.00
86) Perylene-d12	15.551	264	505220	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	108645	8.136	ng	0.00
7) Phenol-d6	6.510	99	966890	56.161	ng	-0.01
23) Nitrobenzene-d5	7.451	82	938713	69.743	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	1143	0.259	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1963020	78.064	ng	-0.01
79) Terphenyl-d14	13.016	244	1419956	57.400	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.439	178	374912	9.518	ng	96
75) Fluoranthene	12.639	202	540011	13.975	ng	95
78) Pyrene	12.869	202	447482	11.953	ng	95
81) Benzo(a)anthracene	14.063	228	151931	5.587	ng	# 89
83) Chrysene	14.098	228	171832	6.255	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.027	276	119866	3.305	ng	94
88) Benzo(b)fluoranthene	15.115	252	225165m	6.094	ng	
89) Benzo(k)fluoranthene	15.139	252	77411m	2.291	ng	
90) Benzo(a)pyrene	15.486	252	132588	4.123	ng	# 88
92) Benzo(g,h,i)perylene	17.474	276	124982	4.120	ng	94

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

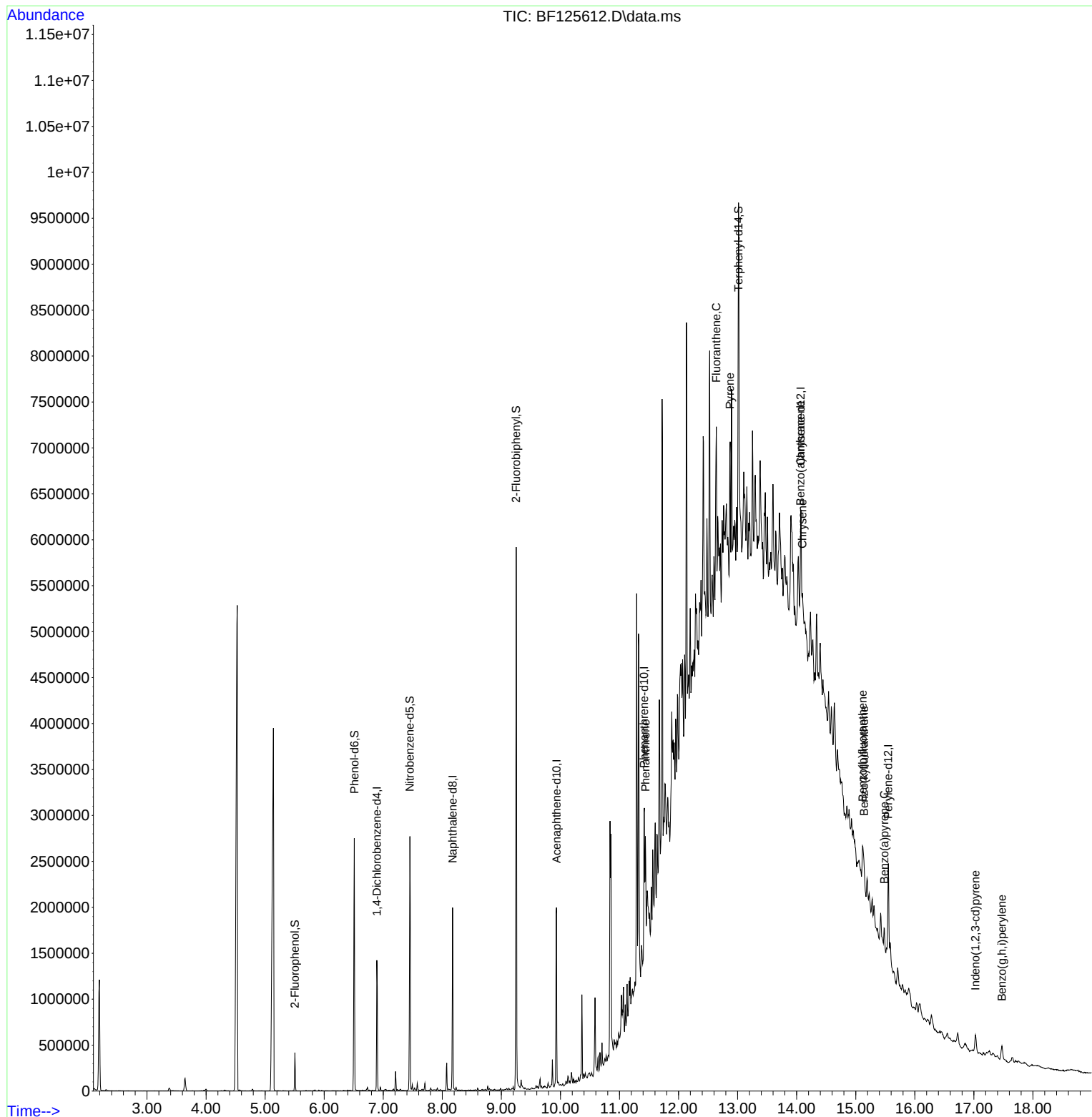
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Data File : BF125612.D
Acq On : 24 Sep 2021 2:04
Operator : JU/CG
Sample : M3820-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

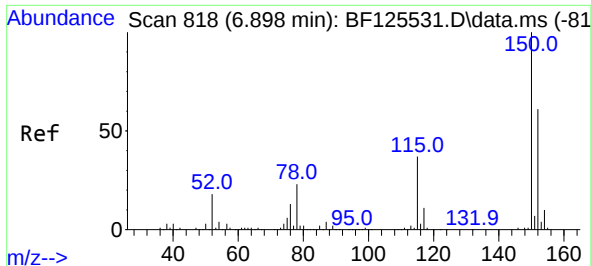
Instrument :
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TB-CONCRETE

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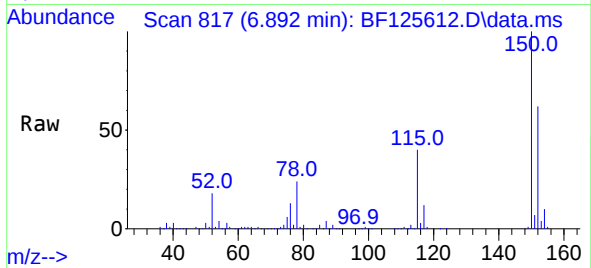
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Quant Time: Sep 24 04:21:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

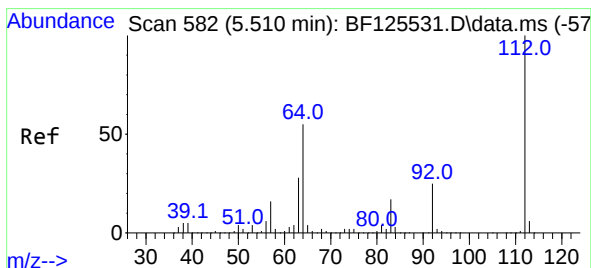
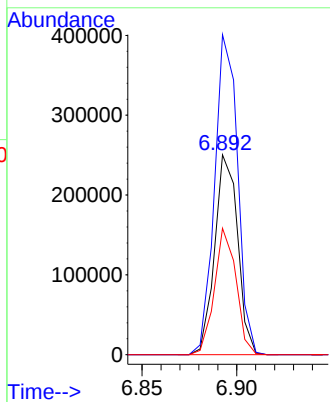
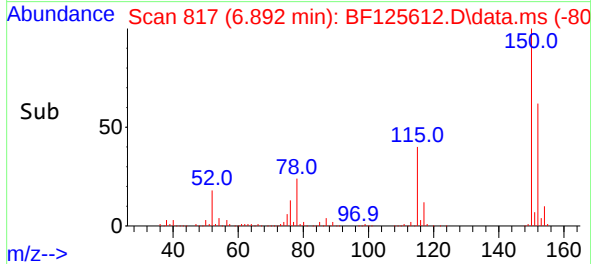




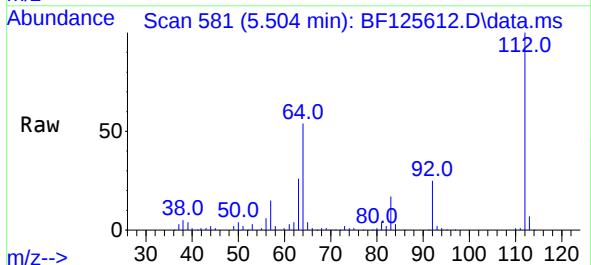
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04



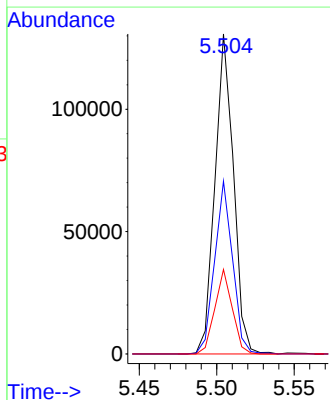
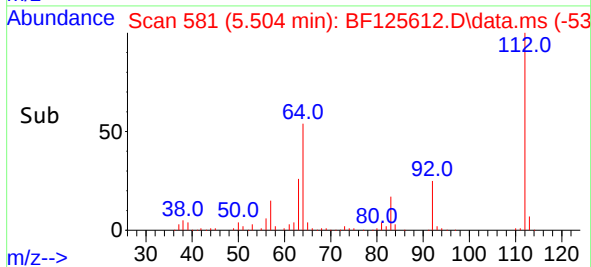
Tgt Ion:152 Resp: 211157
Ion Ratio Lower Upper
152 100
150 160.2 117.6 176.4
115 63.3 47.1 70.7



#5
2-Fluorophenol
Concen: 8.136 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04



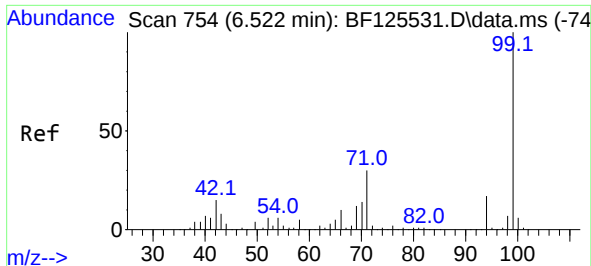
Tgt Ion:112 Resp: 108645
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 26.4 26.2 39.2



Instrument :
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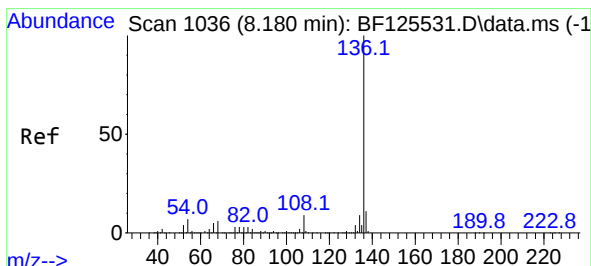
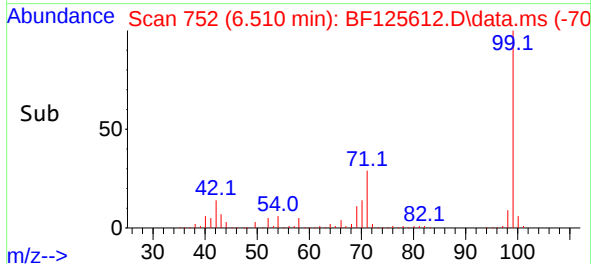
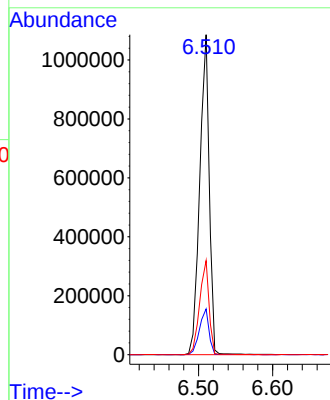
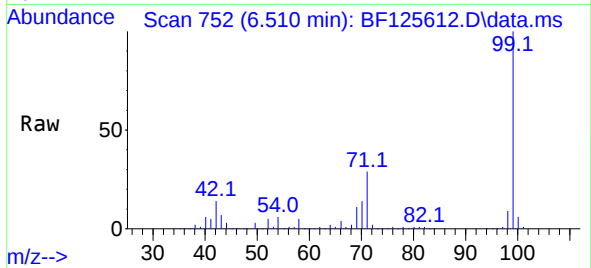
#7
Phenol-d6
Concen: 56.161 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion: 99 Resp: 966890
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.4 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
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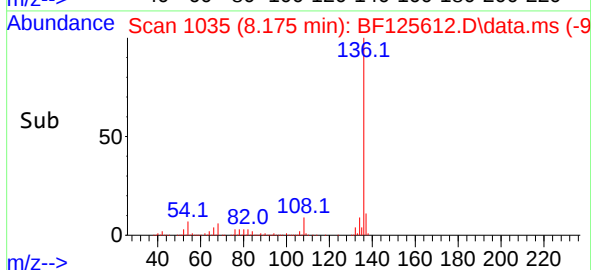
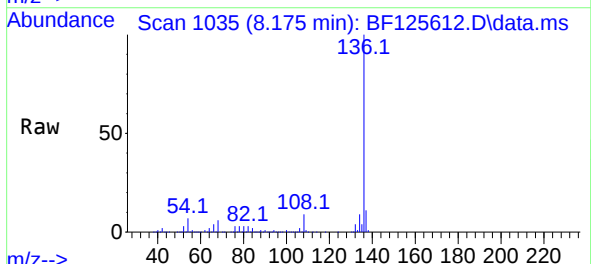
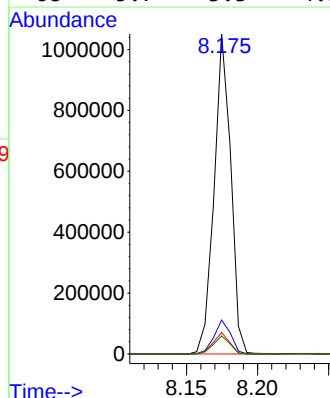
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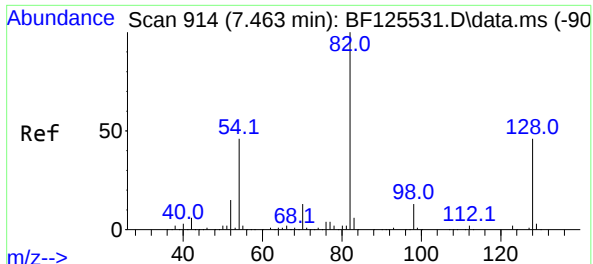
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion: 136 Resp: 858474
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.7 6.4 9.6
68 5.7 3.3 4.9#





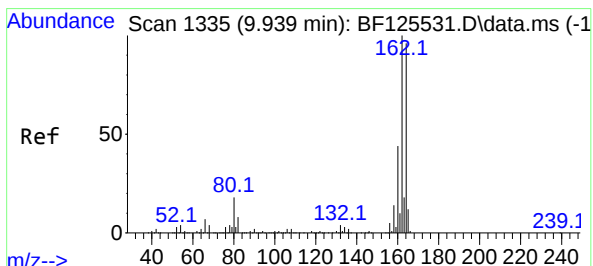
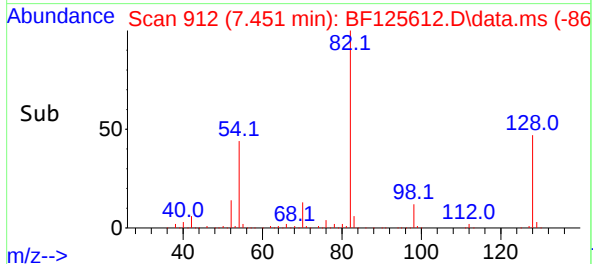
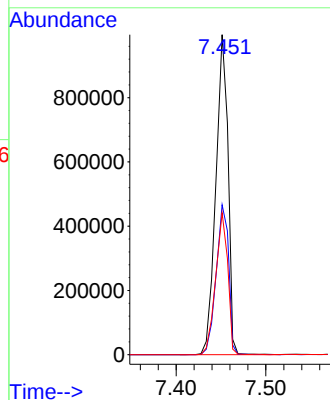
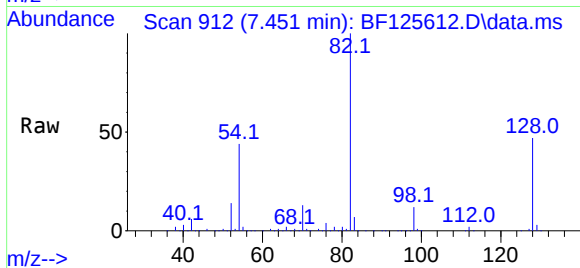
#23
Nitrobenzene-d5
Concen: 69.743 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion: 82 Resp: 938713
Ion Ratio Lower Upper
82 100
128 46.8 40.6 60.8
54 44.4 49.6 74.4#

Instrument :
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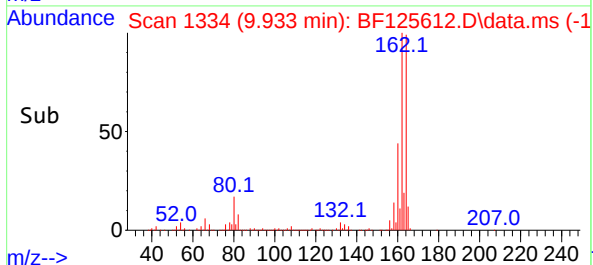
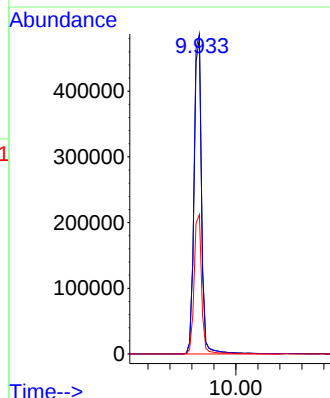
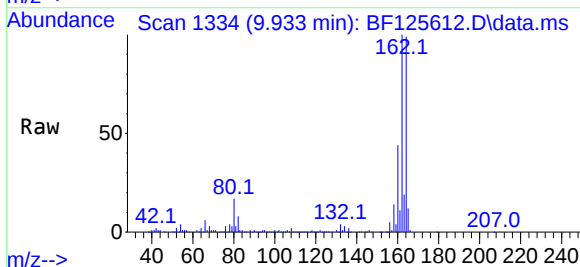
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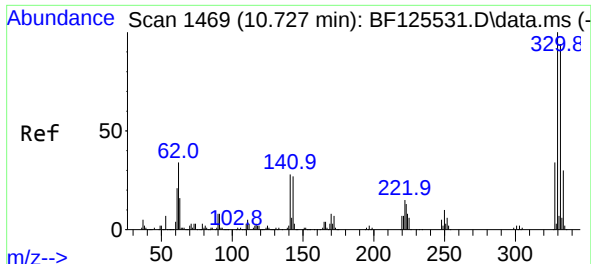
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

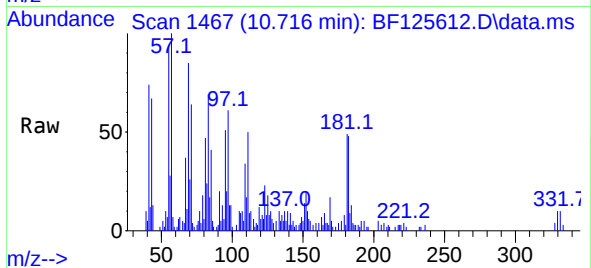
Tgt Ion:164 Resp: 449929
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 44.1 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

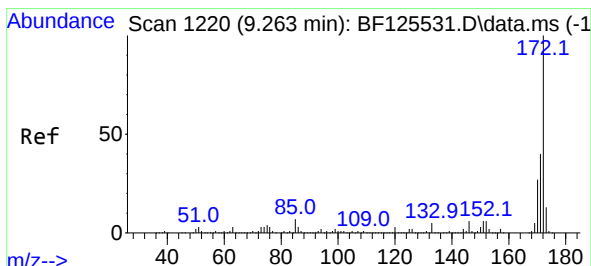
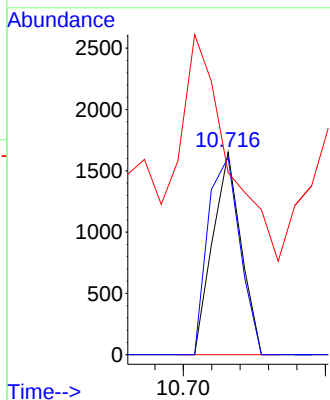
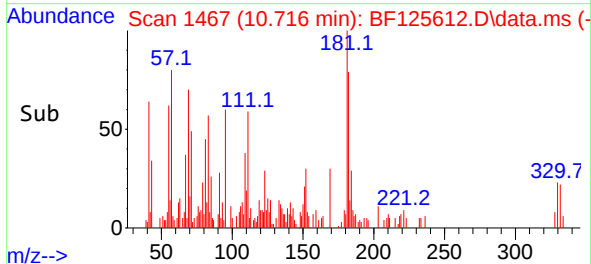
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ClientSampleId :
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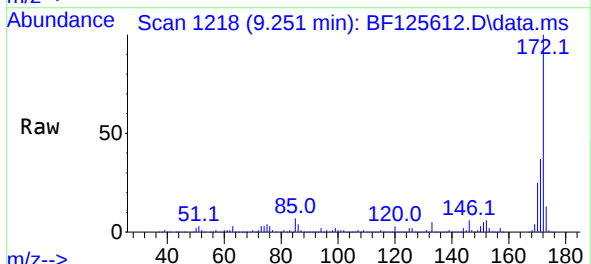
Tgt Ion:330 Resp: 1143
Ion Ratio Lower Upper
330 100
332 110.5 76.2 114.4
141 180.1 44.6 66.8#

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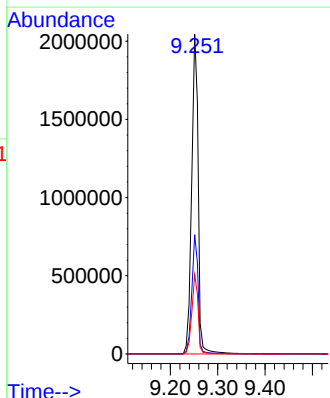
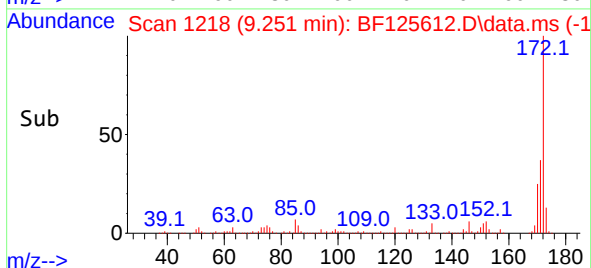
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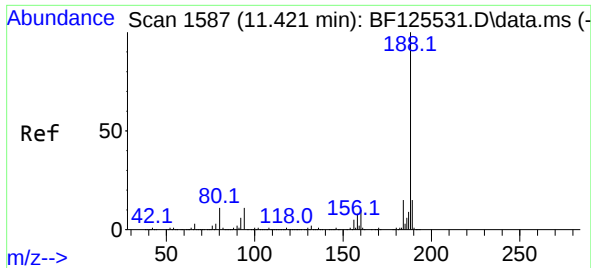


#45
2-Fluorobiphenyl
Concen: 78.064 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04



Tgt Ion:172 Resp: 1963020
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.8 18.8 28.2





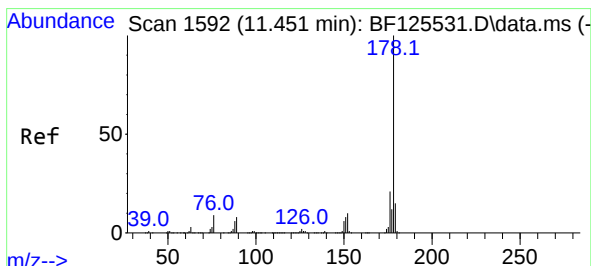
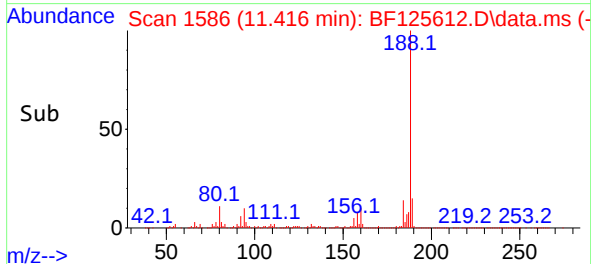
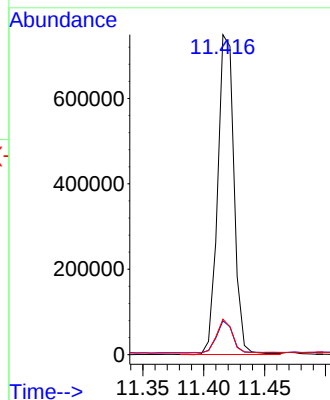
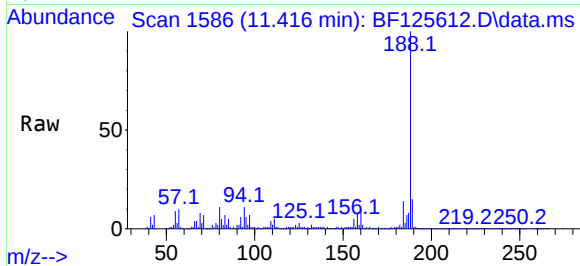
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion:188 Resp: 701208
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 11.1 7.5 11.3

Instrument :
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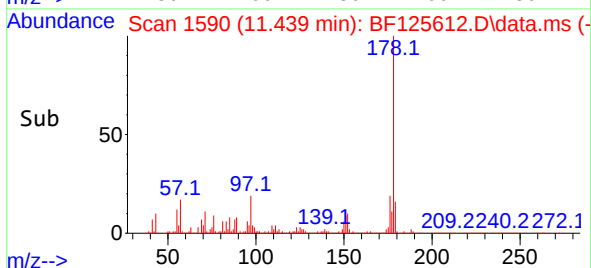
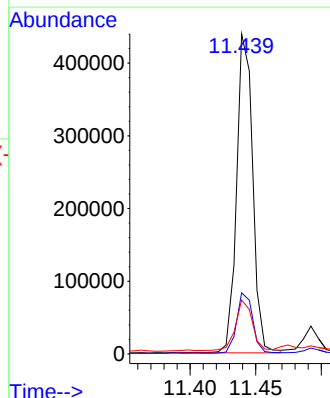
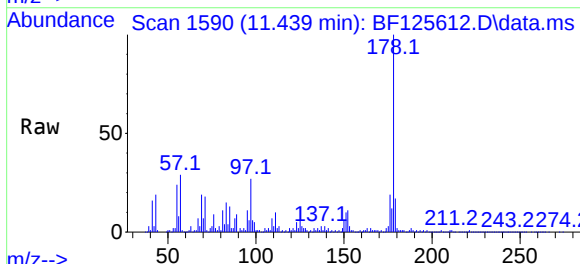
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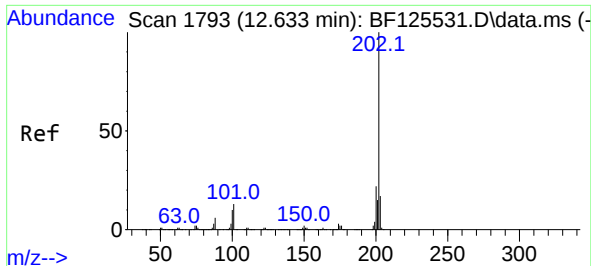
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#71
Phenanthrene
Concen: 9.518 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

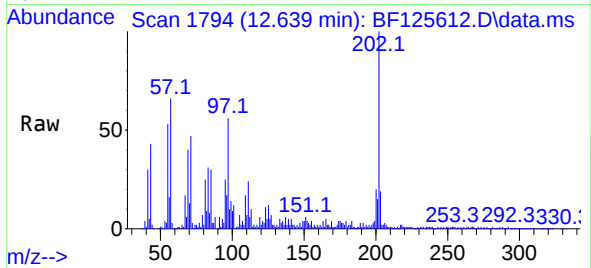
Tgt Ion:178 Resp: 374912
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 16.8 11.5 17.3





#75
Fluoranthene
Concen: 13.975 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

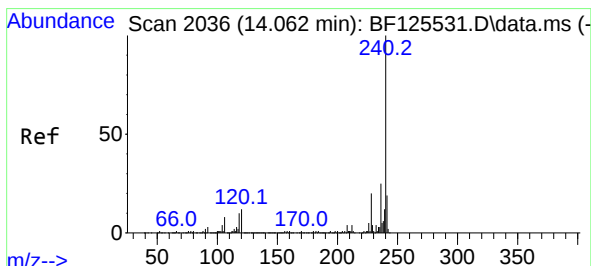
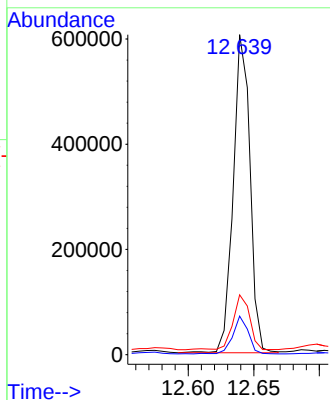
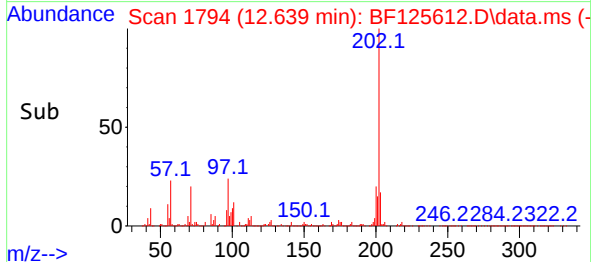
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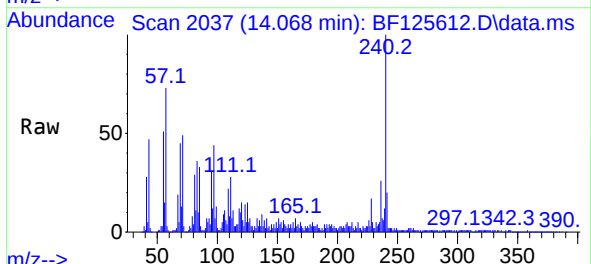
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Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.7
203 18.7 0.0 36.3

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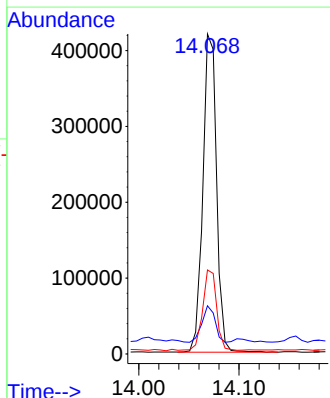
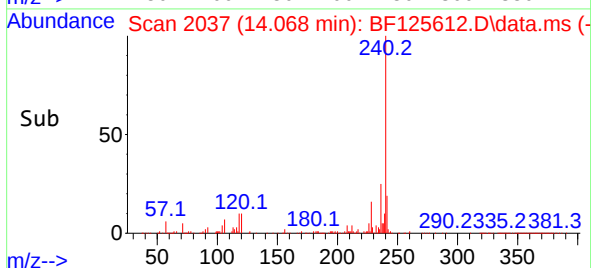
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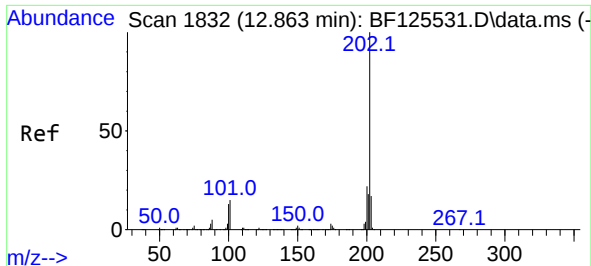


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04



Tgt Ion:240 Resp: 399472
Ion Ratio Lower Upper
240 100
120 15.1 10.8 16.2
236 26.3 21.6 32.4





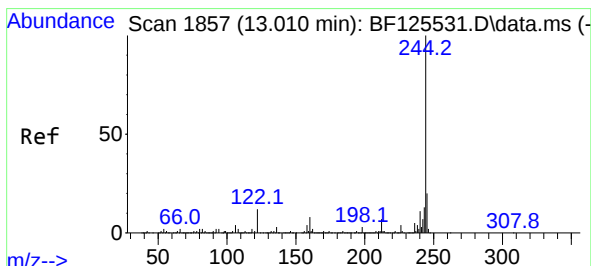
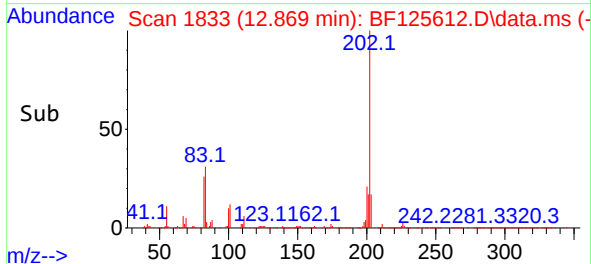
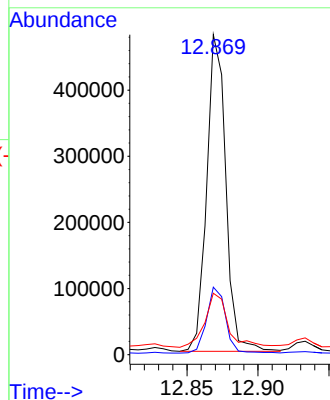
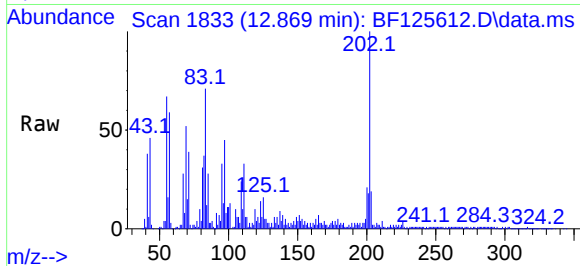
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Pyrene
Concen: 11.953 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion:202 Resp: 447482
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 19.2 13.4 20.0

Instrument :
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TB-CONCRETE

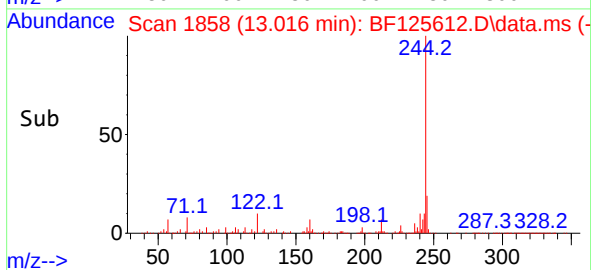
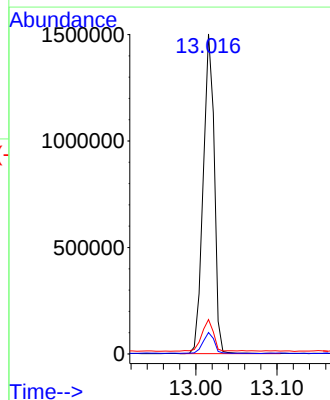
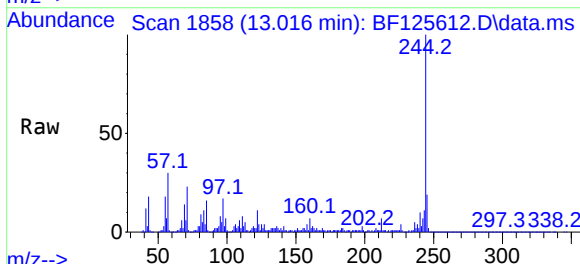
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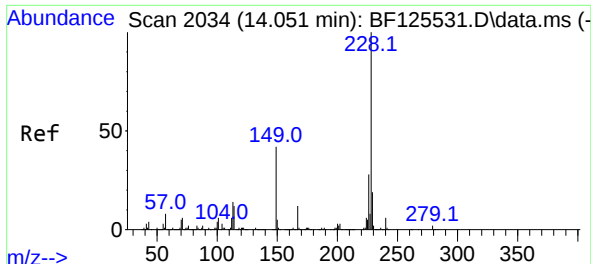
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#79
Terphenyl-d14
Concen: 57.400 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion:244 Resp: 1419956
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 10.8 9.0 13.4





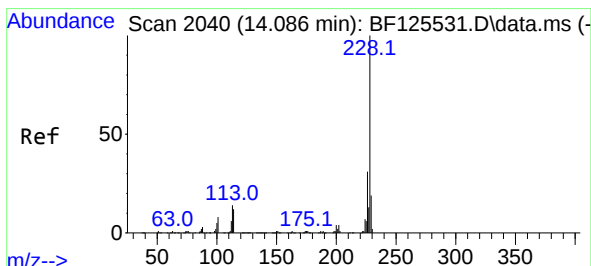
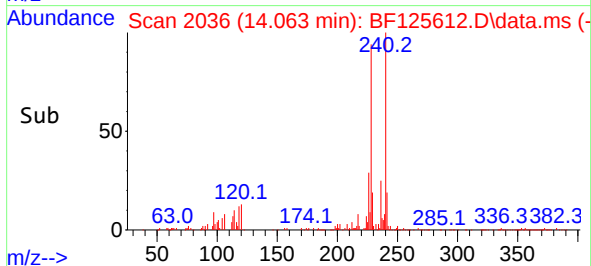
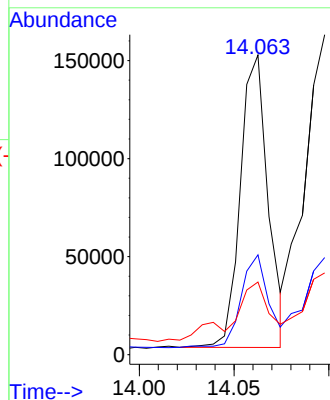
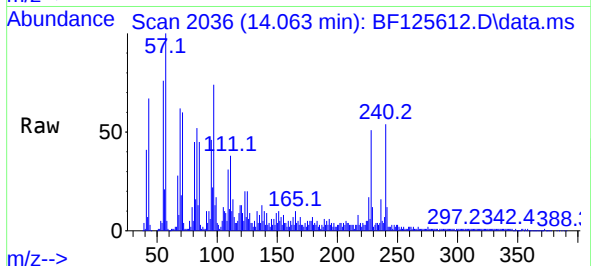
#81
Benzo(a)anthracene
Concen: 5.587 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion:228 Resp: 151931
Ion Ratio Lower Upper
228 100
226 33.3 21.6 32.4#
229 24.3 15.6 23.4#

Instrument :
BNA_F
ClientSampleId :
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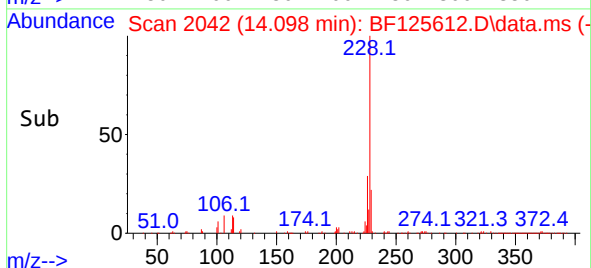
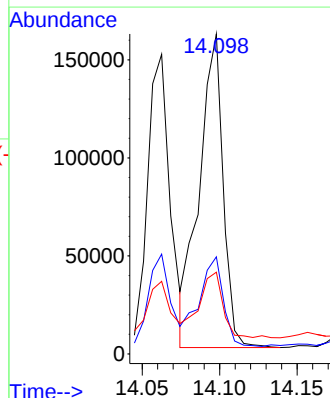
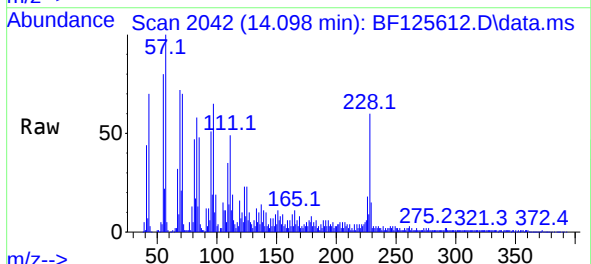
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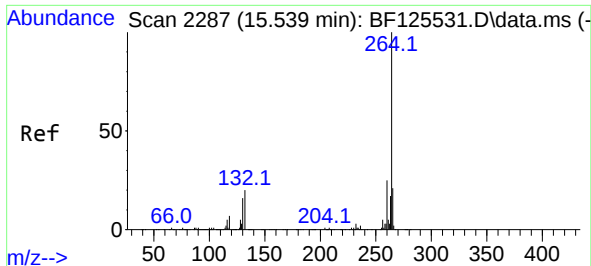
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#83
Chrysene
Concen: 6.255 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion:228 Resp: 171832
Ion Ratio Lower Upper
228 100
226 30.4 22.6 34.0
229 25.6 15.9 23.9#





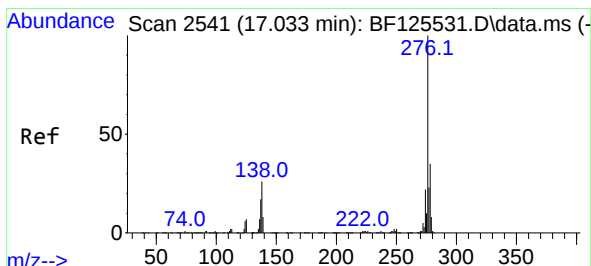
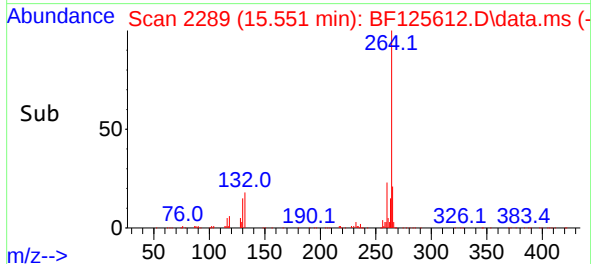
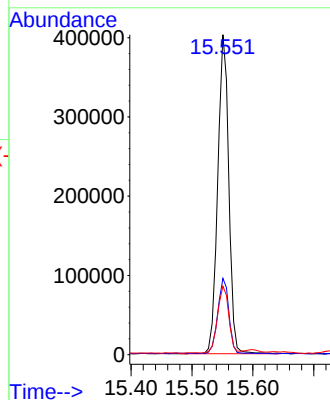
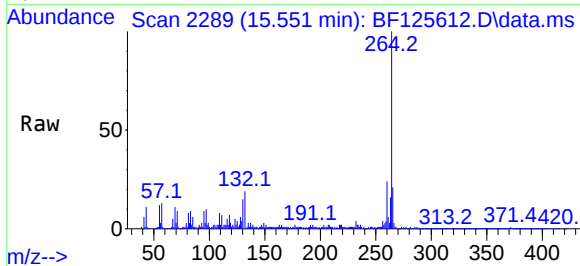
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion:	264	Resp:	505220
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.6	29.4
265	21.4	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
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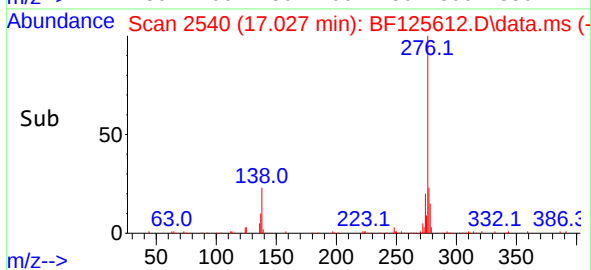
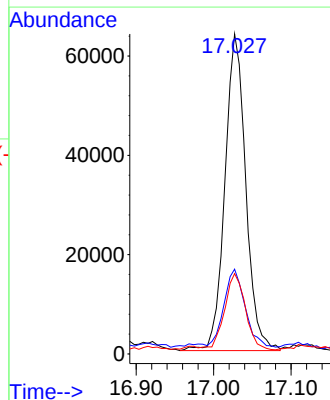
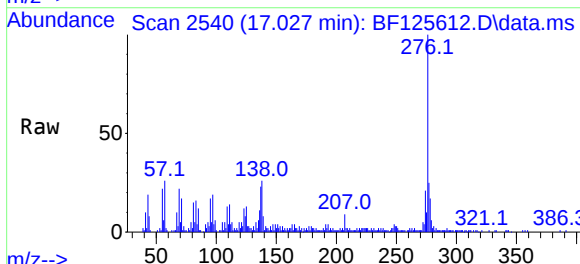
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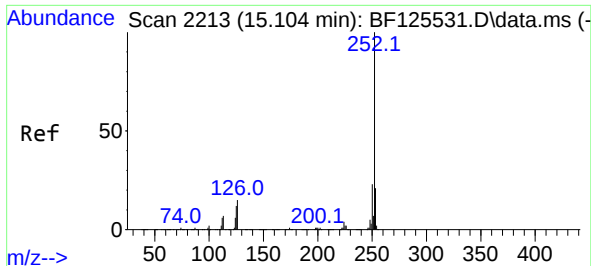
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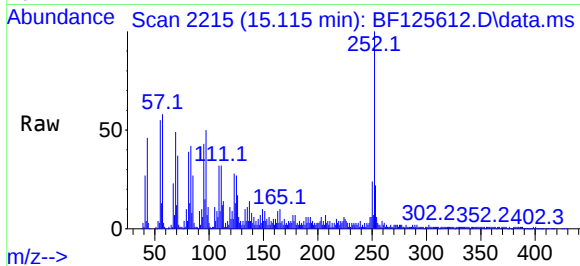
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.305 ng
RT: 17.027 min Scan# 2540
Delta R.T. -0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04

Tgt Ion:	276	Resp:	119866
Ion Ratio	Lower	Upper	
276	100		
138	25.0	24.1	36.1
277	23.8	18.8	28.2

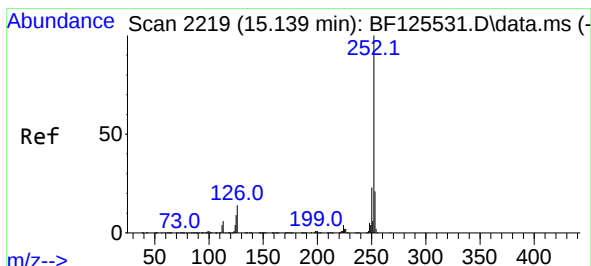
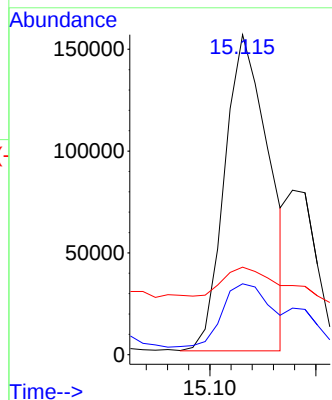
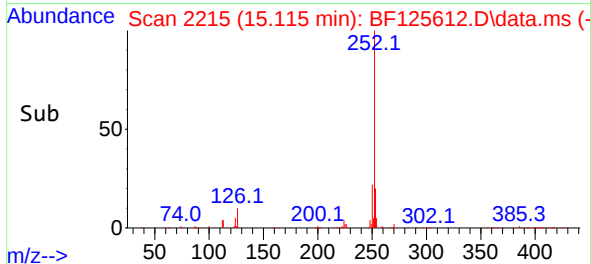




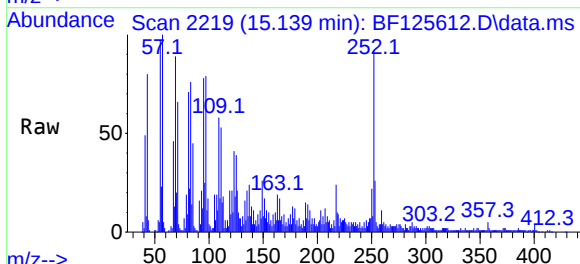
#88
Benzo(b)fluoranthene
Concen: 6.094 ng m
RT: 15.115 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04



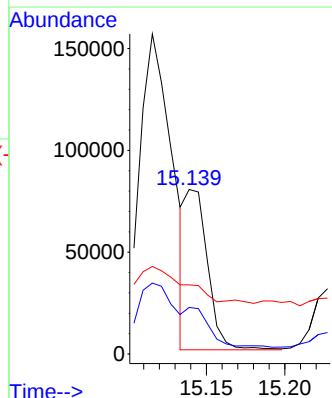
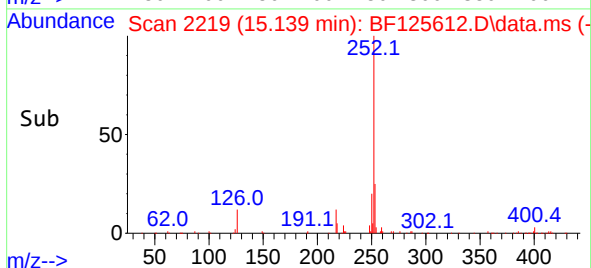
Tgt Ion:252 Resp: 225165
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 27.4 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.291 ng m
RT: 15.139 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04



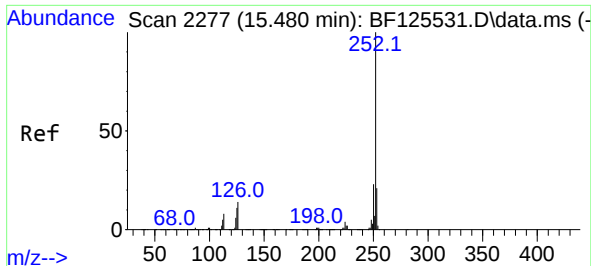
Tgt Ion:252 Resp: 77411
Ion Ratio Lower Upper
252 100
253 28.3 17.8 26.8#
125 42.0 7.2 10.8#



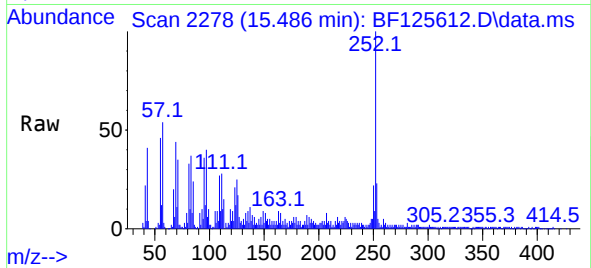
Instrument :
BNA_F
ClientSampleId :
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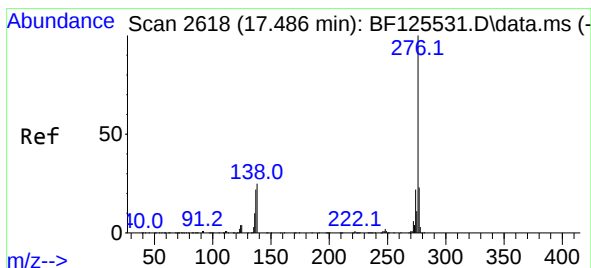
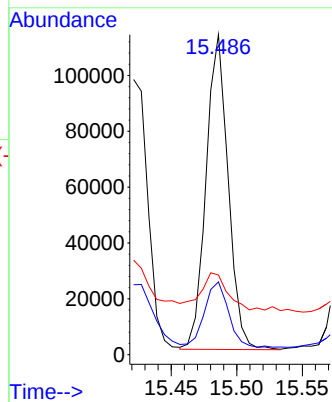
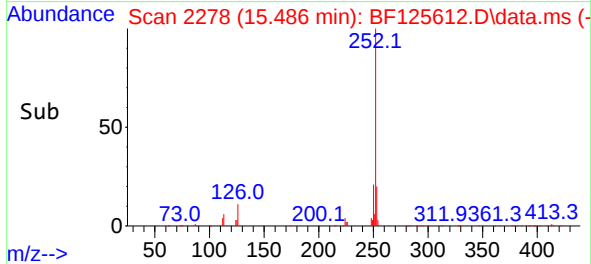
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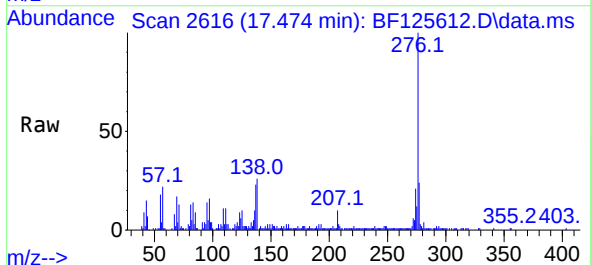
#90
Benzo(a)pyrene
Concen: 4.123 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04



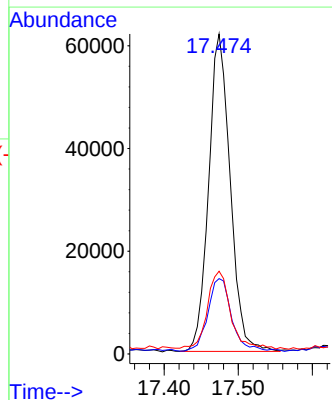
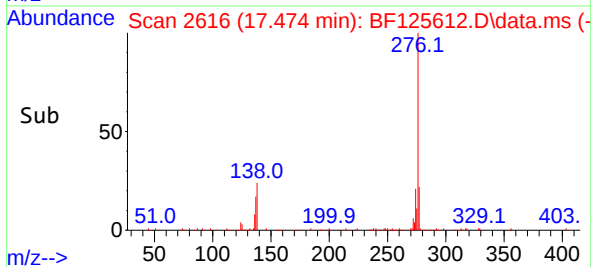
Tgt Ion: 252 Resp: 132588
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 24.9 9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 4.120 ng
RT: 17.474 min Scan# 2616
Delta R.T. -0.012 min
Lab File: BF125612.D
Acq: 24 Sep 2021 2:04



Tgt Ion: 276 Resp: 124982
Ion Ratio Lower Upper
276 100
277 23.6 22.0 33.0
138 25.9 22.2 33.4



Instrument :
BNA_F
ClientSampleId :
TB-CONCRETE

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