

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125124.D
 Acq On : 19 Aug 2021 20:31
 Operator : JU/CG
 Sample : M3421-04 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11966

Manual Integrations
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Quant Time: Aug 20 02:53:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	163226	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	618489	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	314757	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	500259	20.000	ng	0.00
76) Chrysene-d12	14.086	240	357900	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	404367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	215216	19.957	ng	-0.01
7) Phenol-d6	6.528	99	269854	19.348	ng	-0.01
23) Nitrobenzene-d5	7.475	82	162367	13.216	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	58782	18.709	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	327912	14.520	ng	0.00
79) Terphenyl-d14	13.027	244	279564	12.444	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.222	128	121690	3.842	ng	97
37) 2-Methylnaphthalene	8.910	142	48904	2.336	ng	95
71) Phenanthrene	11.469	178	102381	3.714	ng	98
75) Fluoranthene	12.657	202	165477	6.050	ng	99
78) Pyrene	12.886	202	205481	6.693	ng	99
81) Benzo(a)anthracene	14.074	228	104949	4.070	ng	# 88
83) Chrysene	14.110	228	123947	4.860	ng	93
84) Bis(2-ethylhexyl)phtha...	14.063	149	60226	3.632	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.086	276	116088m	3.985	ng	
88) Benzo(b)fluoranthene	15.139	252	209468m	7.090	ng	
89) Benzo(k)fluoranthene	15.168	252	68860m	2.498	ng	
90) Benzo(a)pyrene	15.515	252	190397	7.296	ng	98
92) Benzo(g,h,i)perylene	17.539	276	101633m	4.186	ng	

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

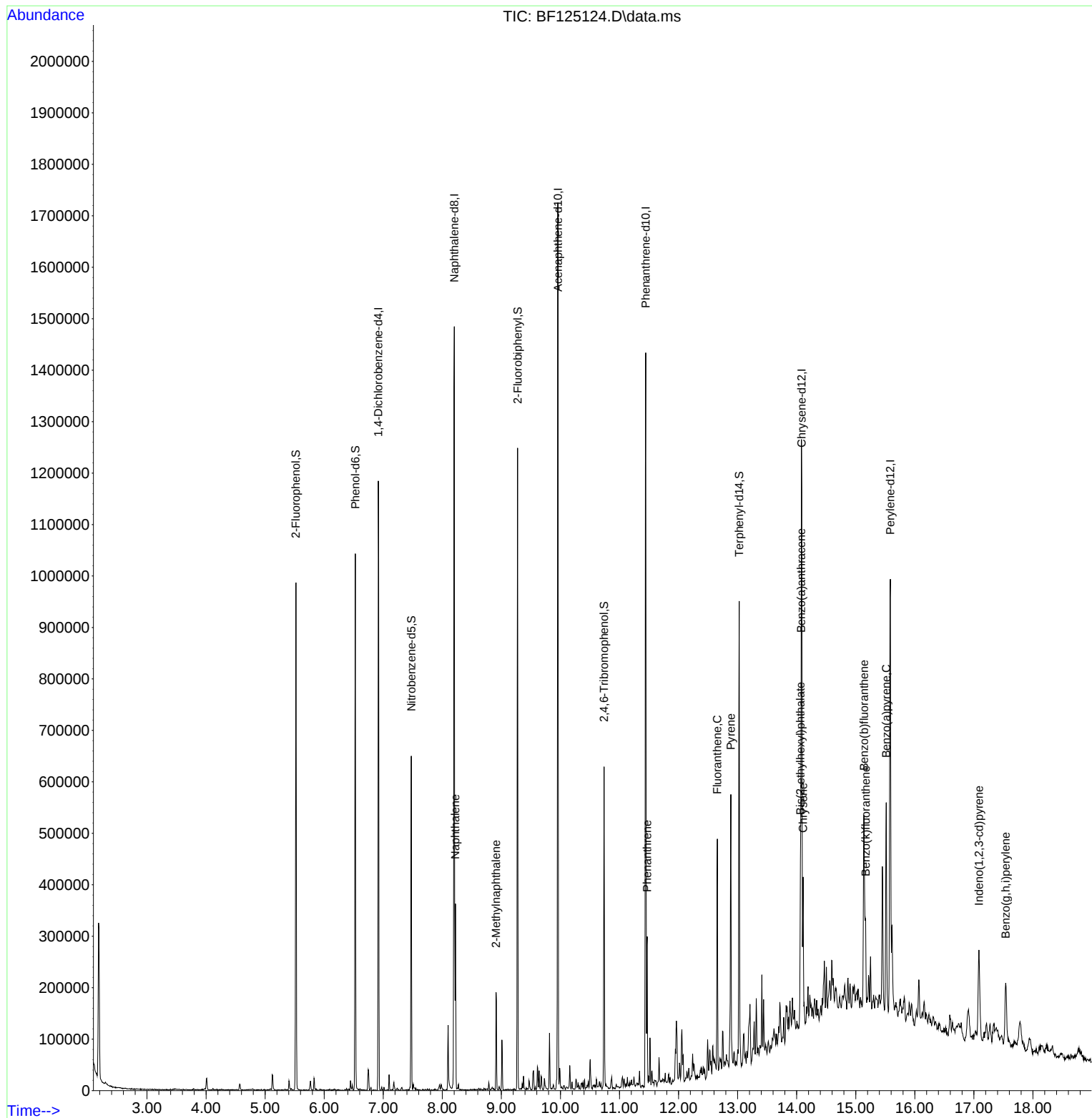
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
Data File : BF125124.D
Acq On : 19 Aug 2021 20:31
Operator : JU/CG
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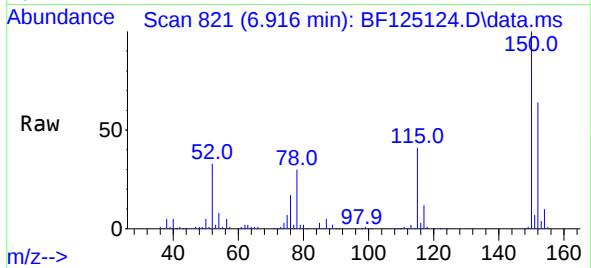
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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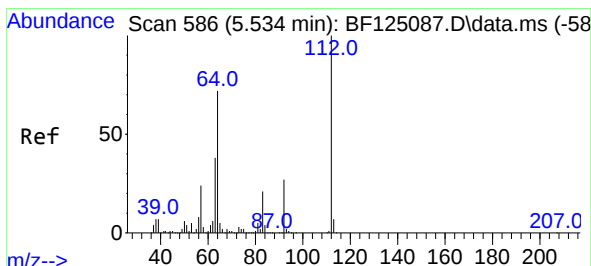
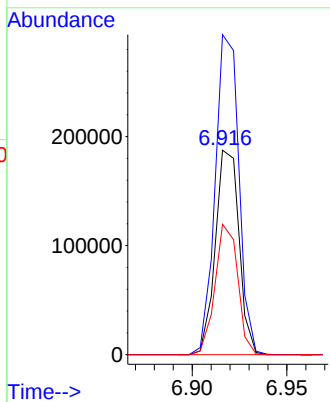
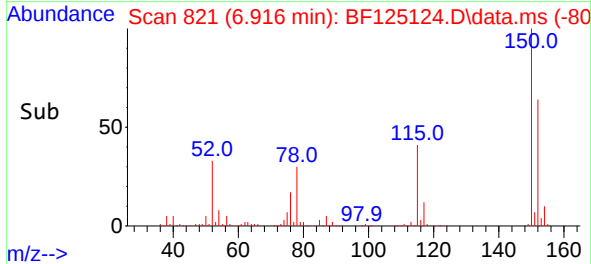




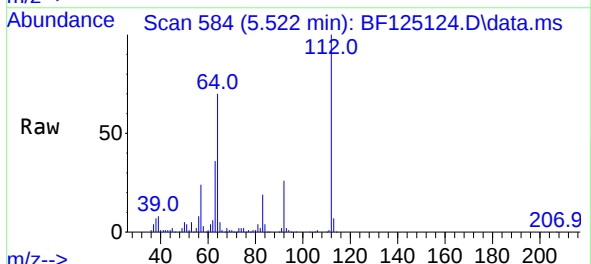
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31



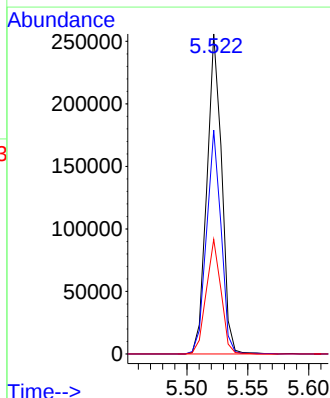
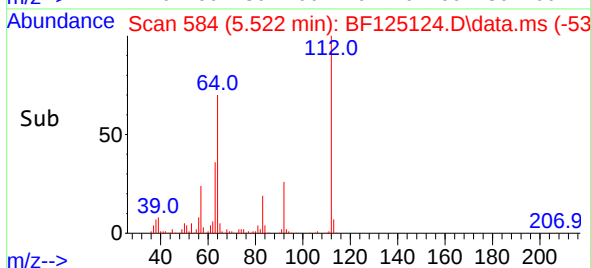
Tgt Ion:152 Resp: 163226
Ion Ratio Lower Upper
152 100
150 156.5 117.6 176.4
115 63.7 47.1 70.7



#5
2-Fluorophenol
Concen: 19.957 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.012 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31



Tgt Ion:112 Resp: 215216
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 35.8 26.2 39.2



Instrument :
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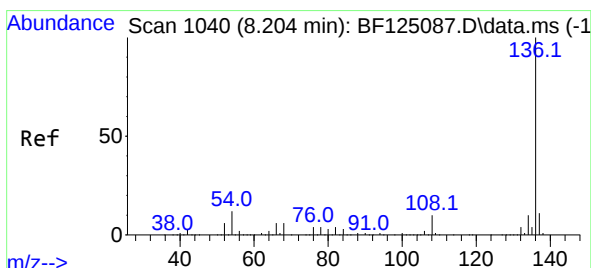
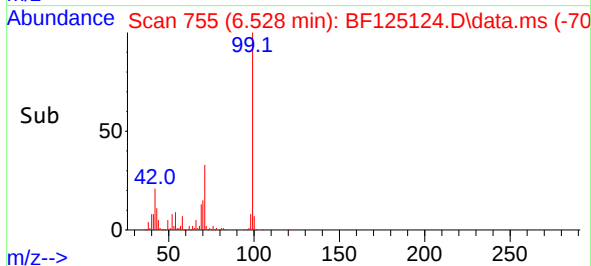
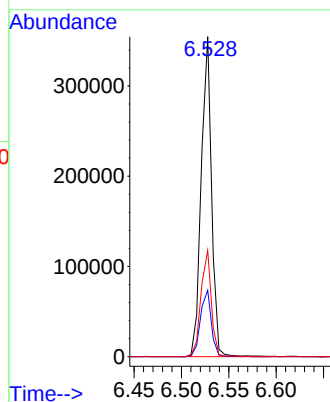
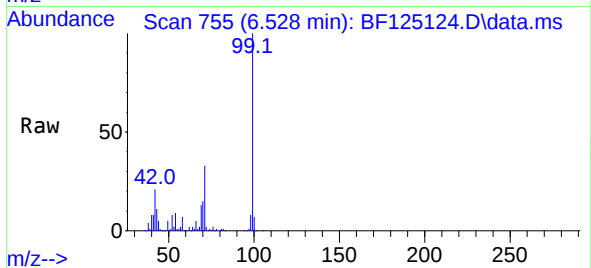
#7
Phenol-d6
Concen: 19.348 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

Tgt Ion: 99 Resp: 269854
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 33.2 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
72-11966

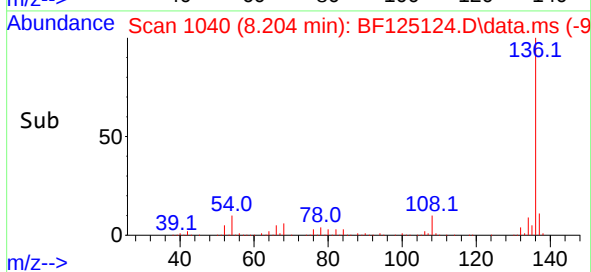
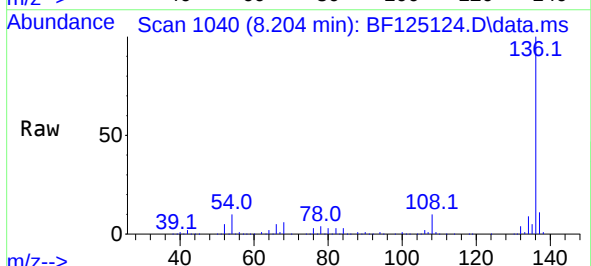
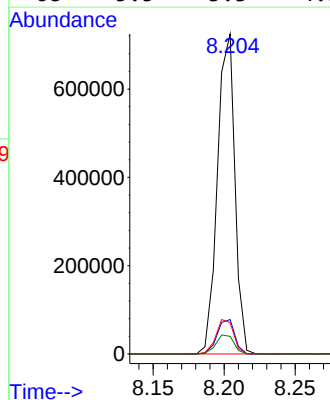
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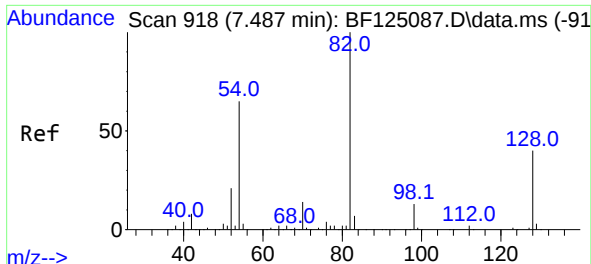
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

Tgt Ion: 136 Resp: 618489
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.8 6.4 9.6#
68 5.5 3.3 4.9#





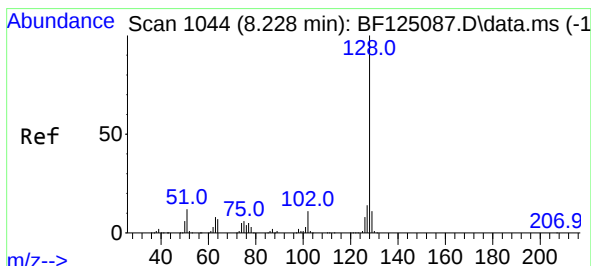
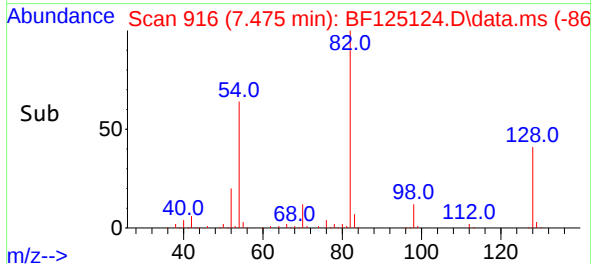
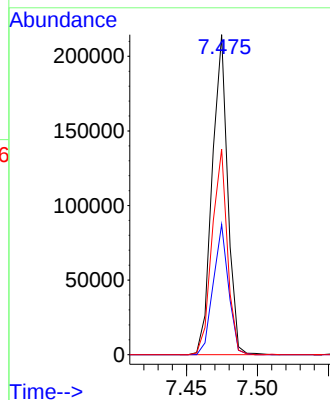
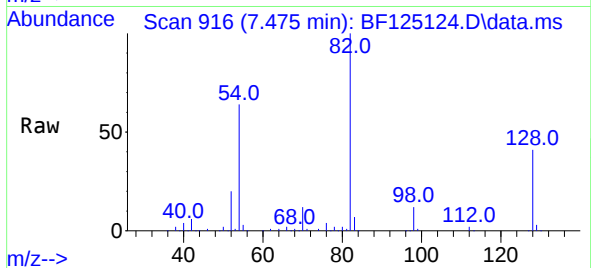
#23
Nitrobenzene-d5
Concen: 13.216 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

Tgt Ion: 82 Resp: 162367
Ion Ratio Lower Upper
82 100
128 40.7 40.6 60.8
54 64.2 49.6 74.4

Instrument :
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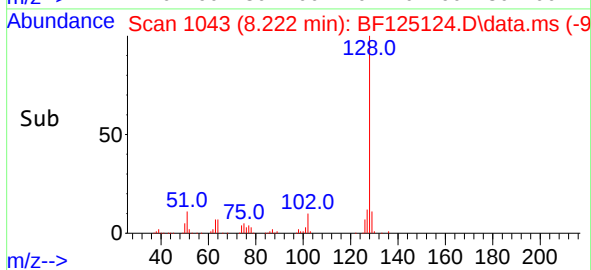
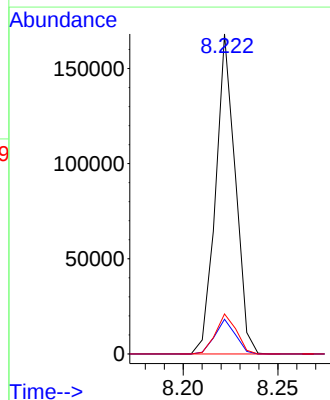
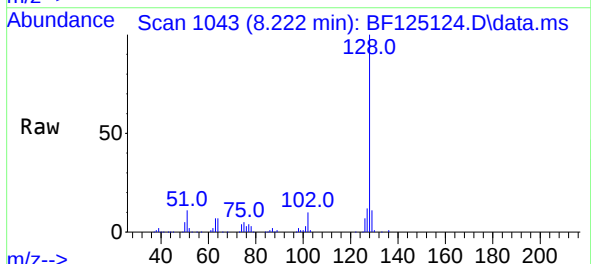
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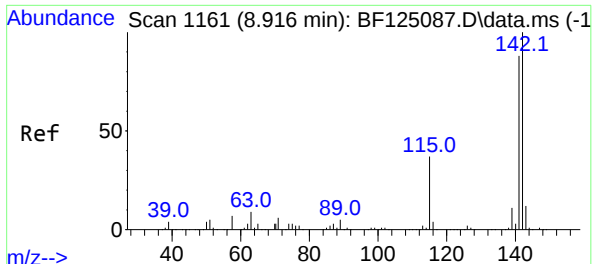
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#31
Naphthalene
Concen: 3.842 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

Tgt Ion: 128 Resp: 121690
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 12.5 10.9 16.3





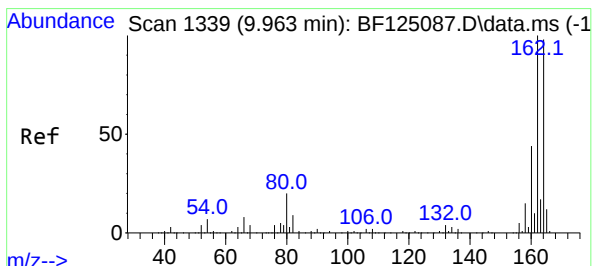
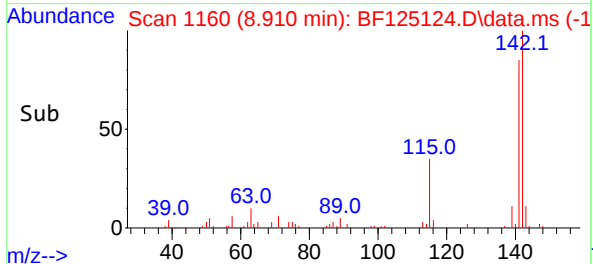
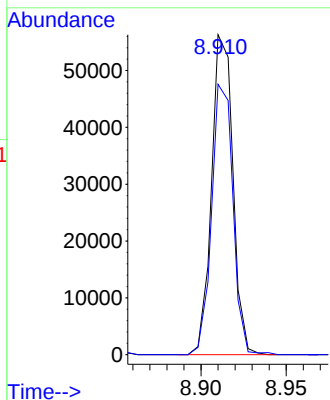
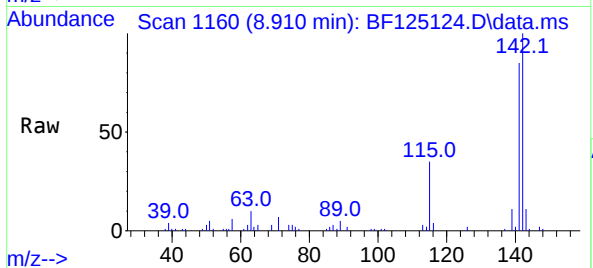
#37
2-Methylnaphthalene
Concen: 2.336 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

Instrument :
BNA_F
ClientSampled :
72-11966

Tgt Ion:142 Resp: 48904
Ion Ratio Lower Upper
142 100
141 84.5 71.2 106.8

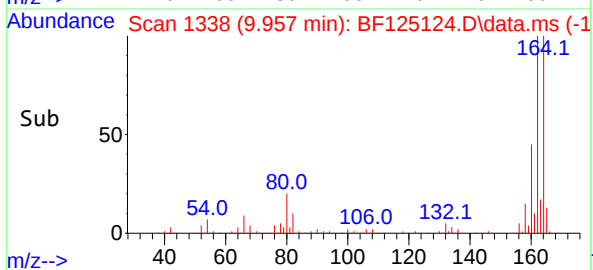
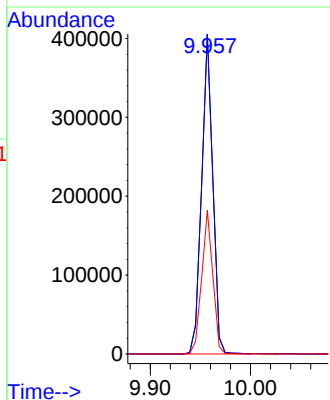
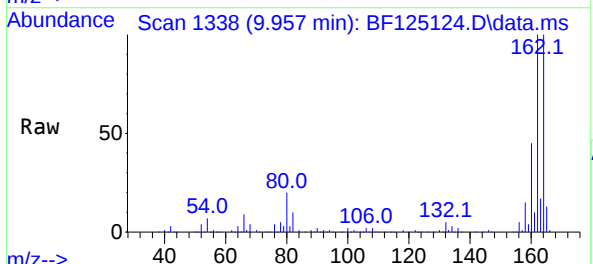
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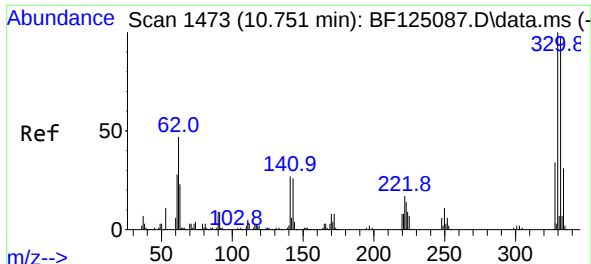
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

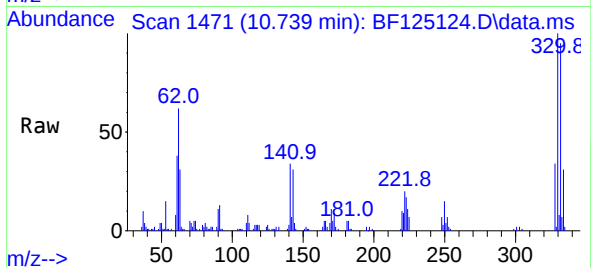
Tgt Ion:164 Resp: 314757
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 45.0 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 18.709 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.012 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

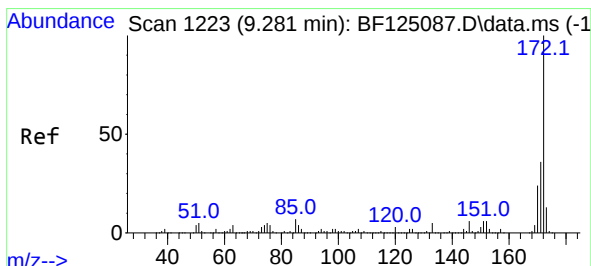
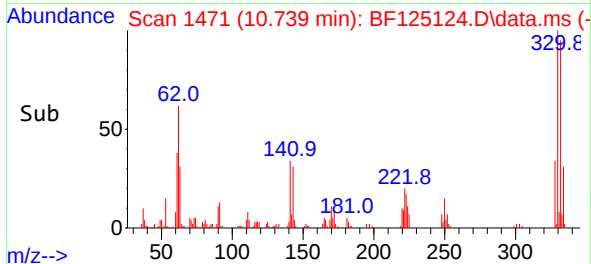
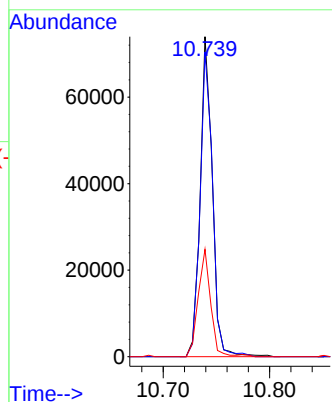
Instrument :
BNA_F
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Tgt Ion:330 Resp: 58782
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 34.8 44.6 66.8#

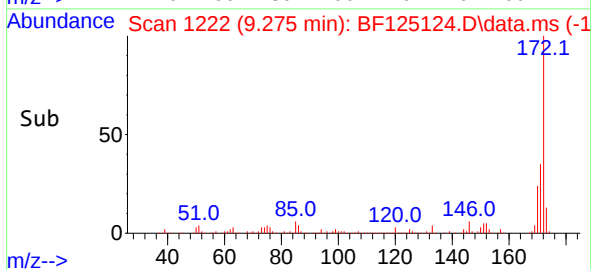
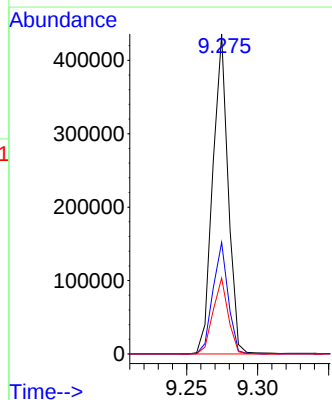
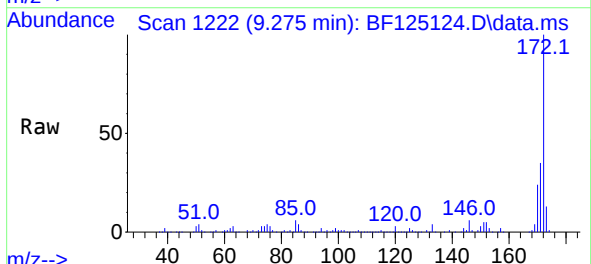
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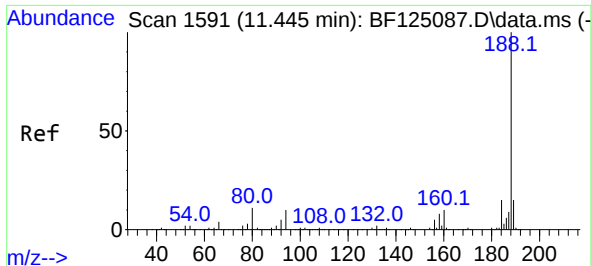
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#45
2-Fluorobiphenyl
Concen: 14.520 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

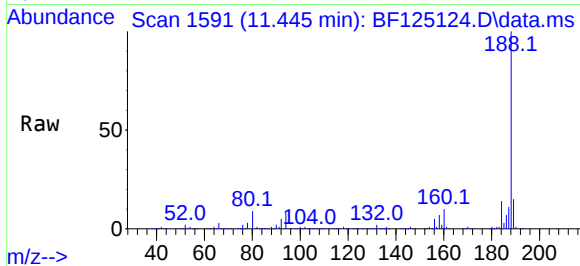
Tgt Ion:172 Resp: 327912
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.7 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

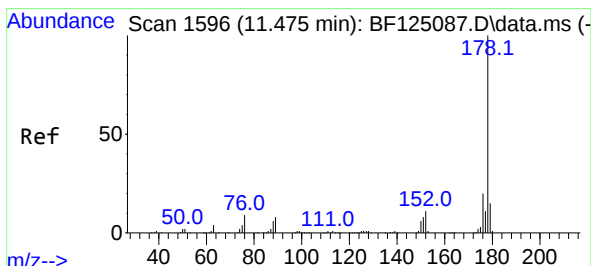
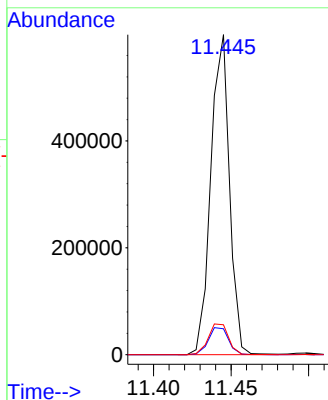
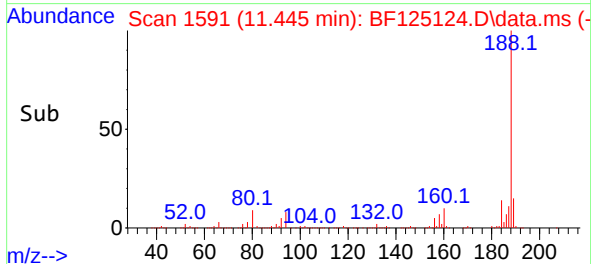
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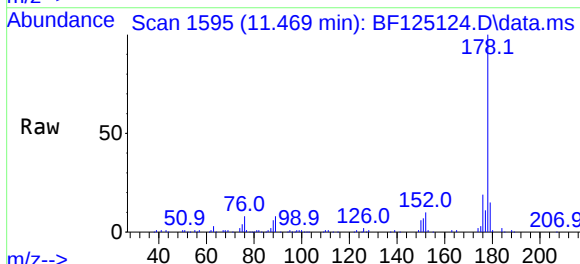
Tgt Ion:188 Resp: 500259
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.3 7.5 11.3

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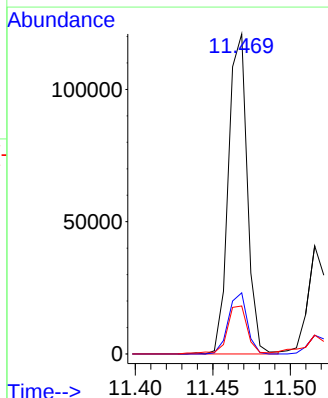
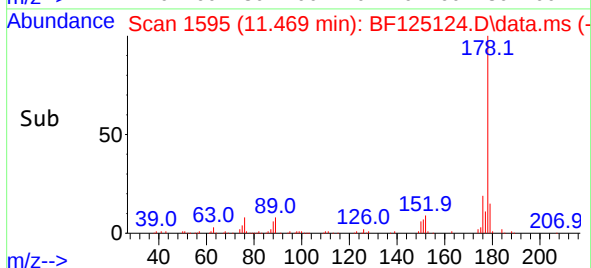
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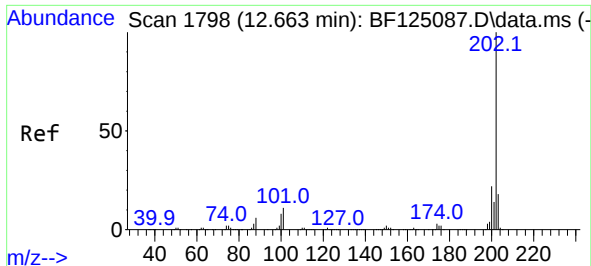


#71
Phenanthrene
Concen: 3.714 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

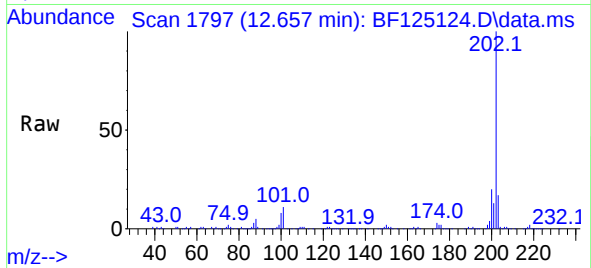


Tgt Ion:178 Resp: 102381
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.0 11.5 17.3

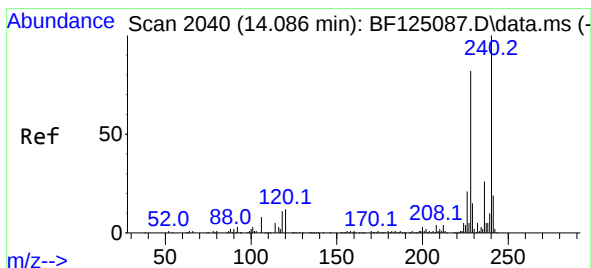
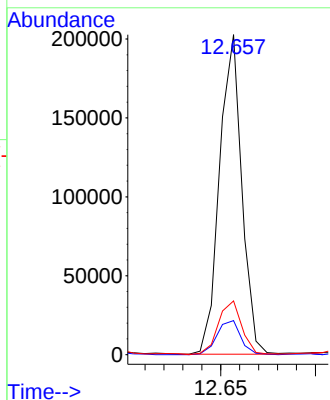
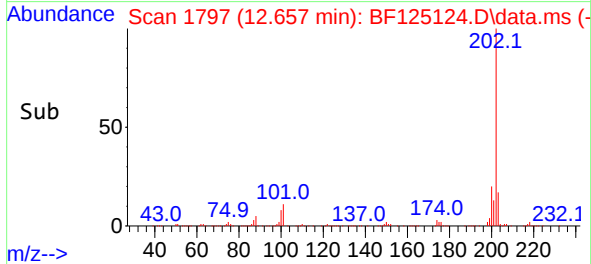




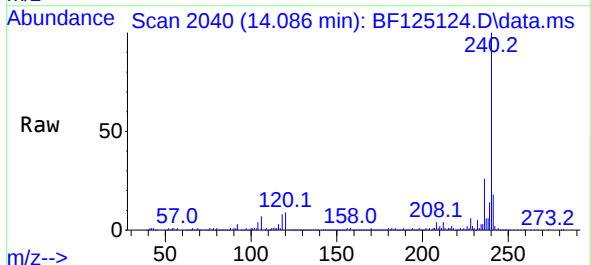
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Fluoranthene
Concen: 6.050 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31



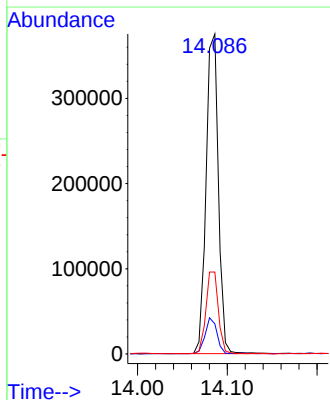
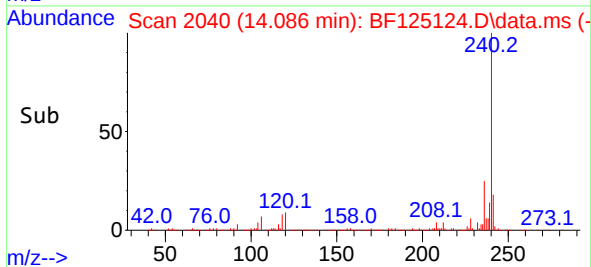
Tgt Ion:202 Resp: 165477
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 16.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31



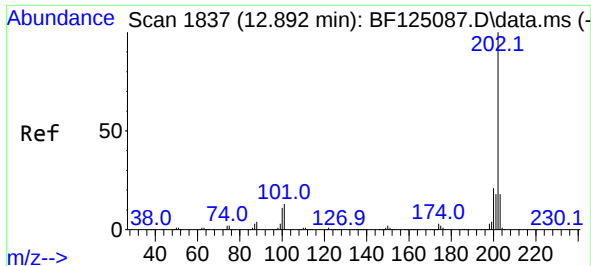
Tgt Ion:240 Resp: 357900
Ion Ratio Lower Upper
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120 9.4 10.8 16.2#
236 25.6 21.6 32.4



Instrument :
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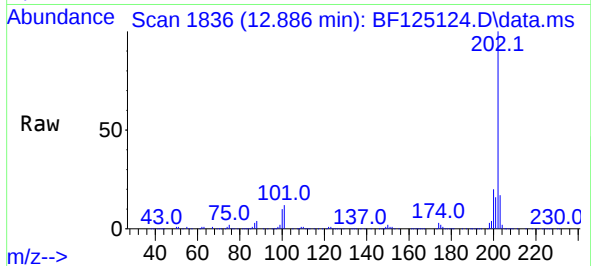
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#78
Pyrene
Concen: 6.693 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

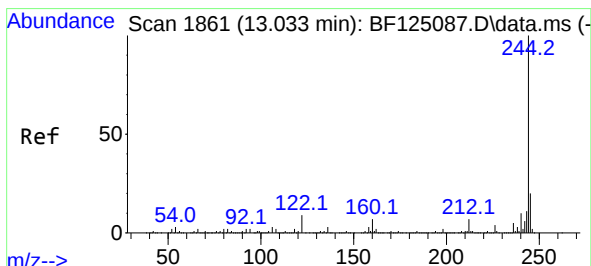
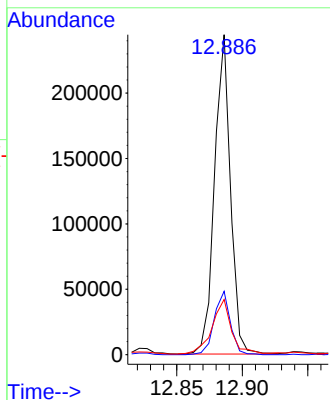
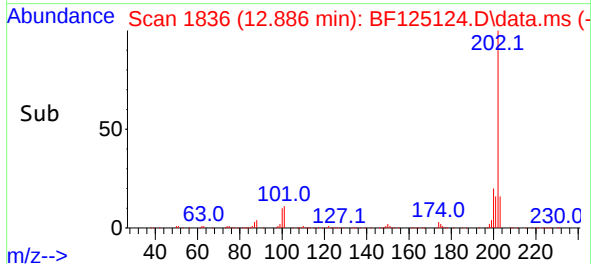
Instrument :
BNA_F
ClientSampled :
72-11966



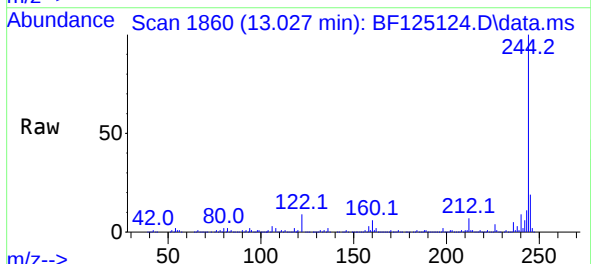
Tgt Ion:202 Resp: 205481
Ion Ratio Lower Upper
202 100
200 19.8 15.3 22.9
203 17.3 13.4 20.0

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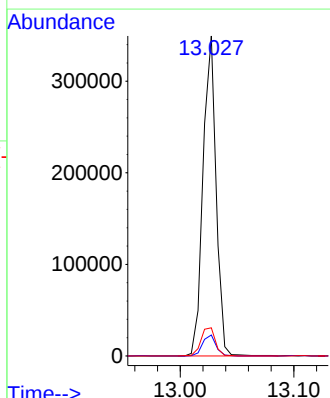
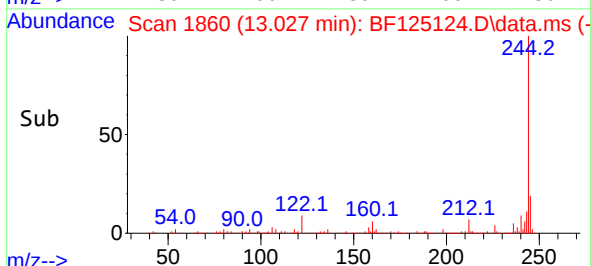
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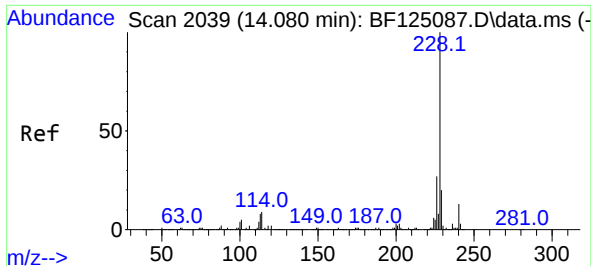


#79
Terphenyl-d14
Concen: 12.444 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

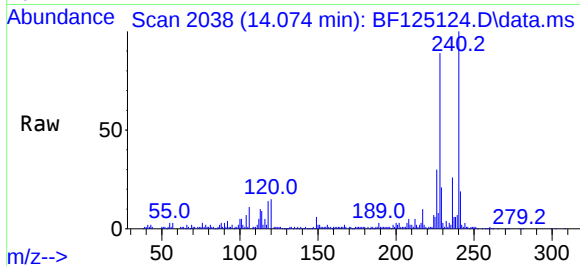


Tgt Ion:244 Resp: 279564
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.8 9.0 13.4#

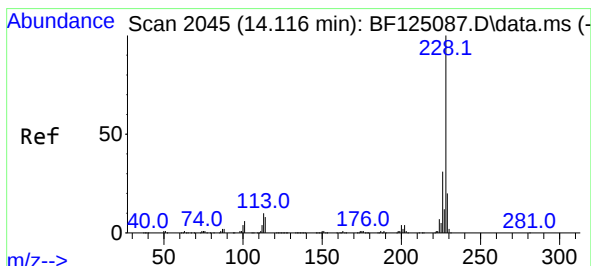
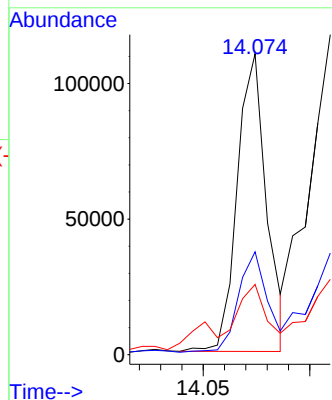
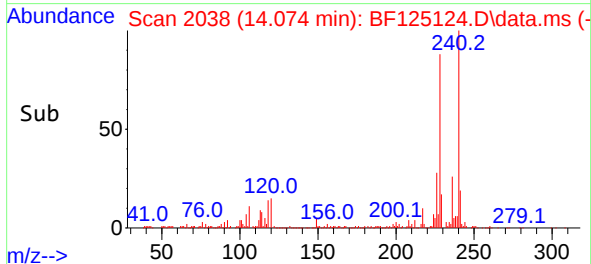




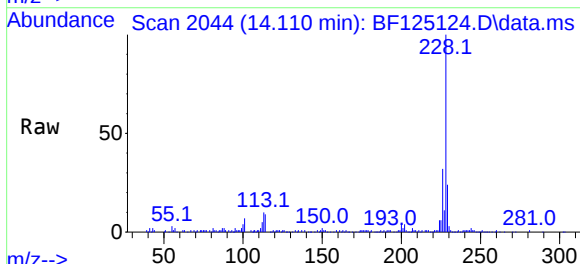
#81
Benzo(a)anthracene
Concen: 4.070 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31



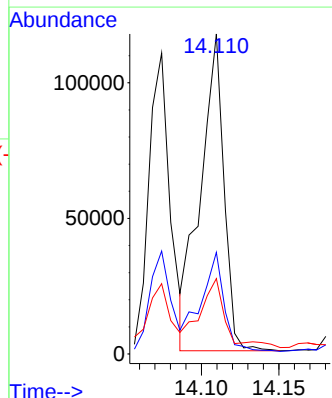
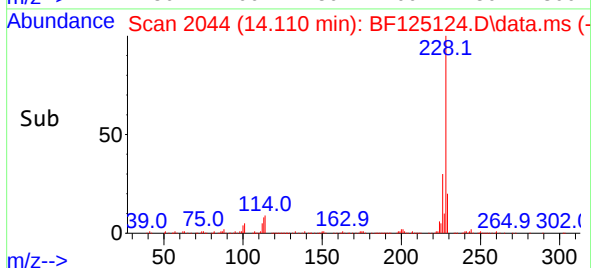
Tgt Ion:228 Resp: 104949
Ion Ratio Lower Upper
228 100
226 34.2 21.6 32.4#
229 23.3 15.6 23.4



#83
Chrysene
Concen: 4.860 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31



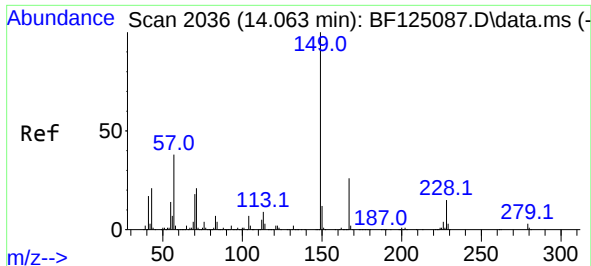
Tgt Ion:228 Resp: 123947
Ion Ratio Lower Upper
228 100
226 31.8 22.6 34.0
229 23.5 15.9 23.9



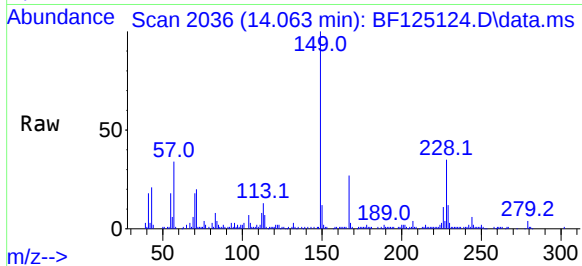
Instrument :
BNA_F
ClientSampleId :
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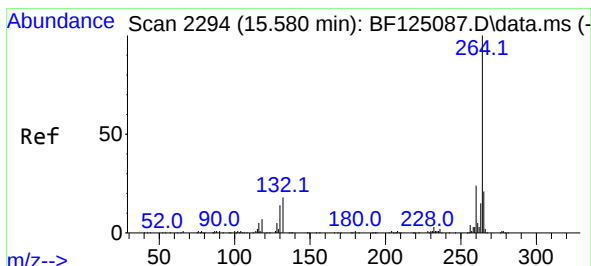
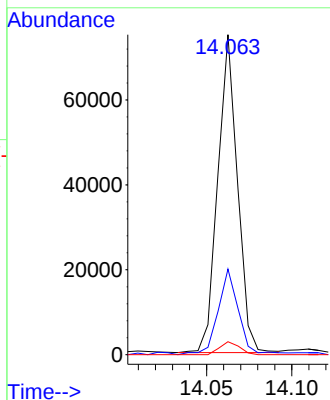
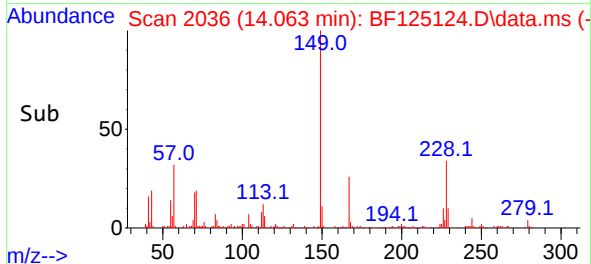
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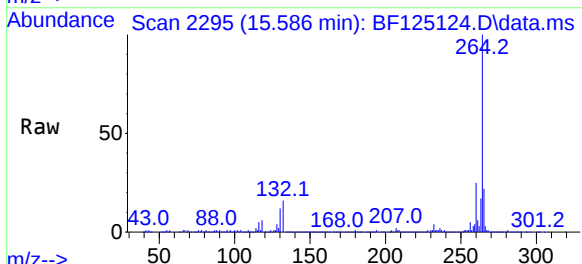
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.632 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31



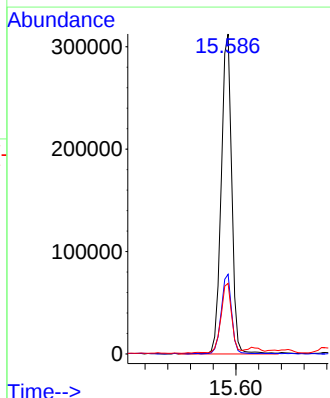
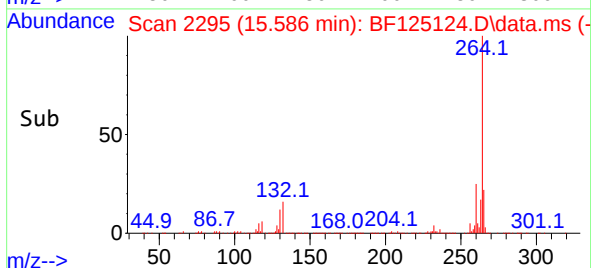
Tgt Ion:149 Resp: 60226
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 4.1 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31



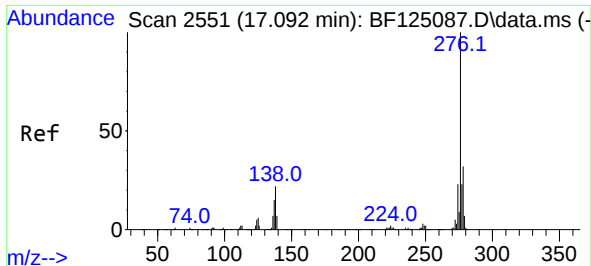
Tgt Ion:264 Resp: 404367
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 22.0 17.2 25.8



Instrument :
BNA_F
ClientSampled :
72-11966

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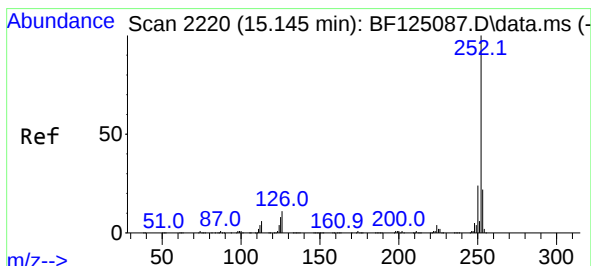
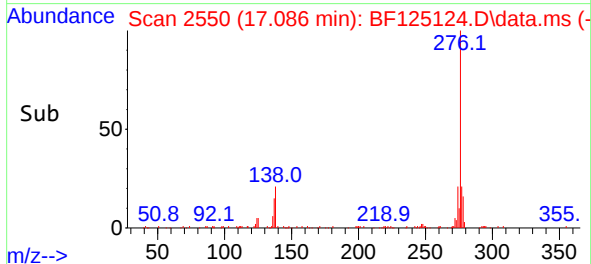
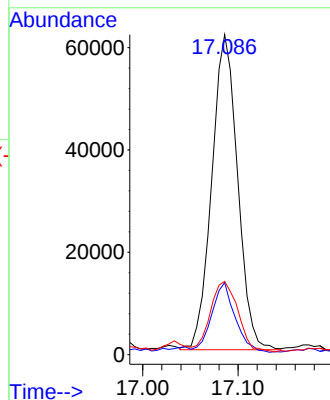
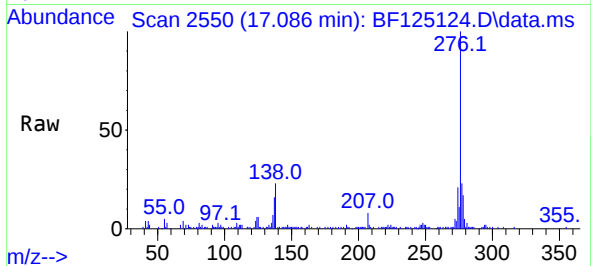
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.985 ng m
RT: 17.086 min Scan# 2550
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

Tgt Ion: 276 Resp: 116088
Ion Ratio Lower Upper
276 100
138 5.7 24.1 36.1#
277 5.0 18.8 28.2#

Instrument :
BNA_F
ClientSampleId :
72-11966

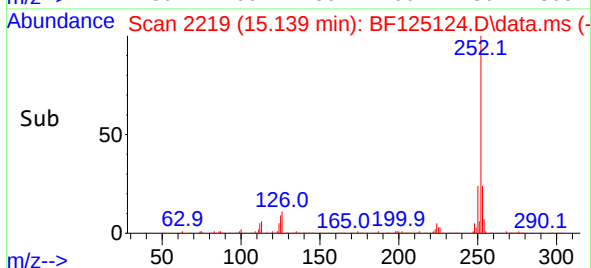
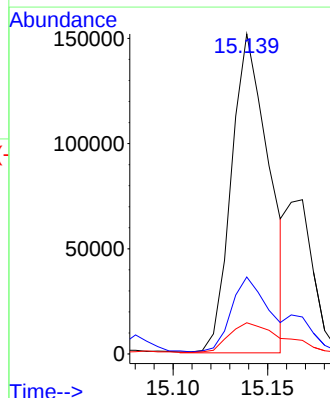
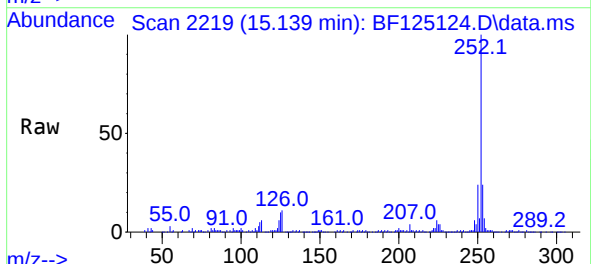
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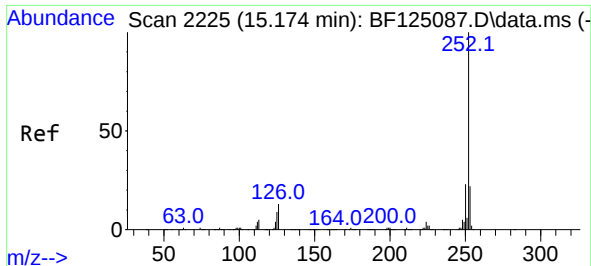
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#88
Benzo(b)fluoranthene
Concen: 7.090 ng m
RT: 15.139 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

Tgt Ion: 252 Resp: 209468
Ion Ratio Lower Upper
252 100
253 24.0 16.8 25.2
125 9.8 9.8 14.8#





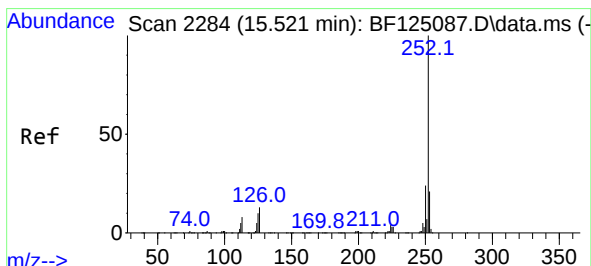
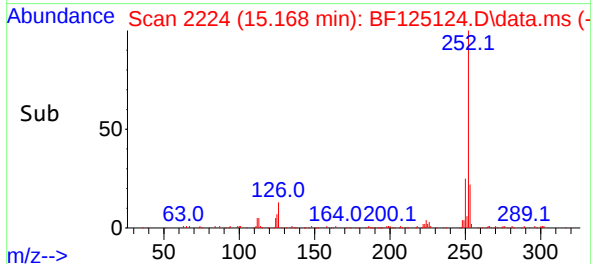
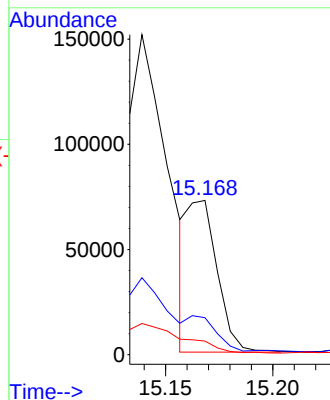
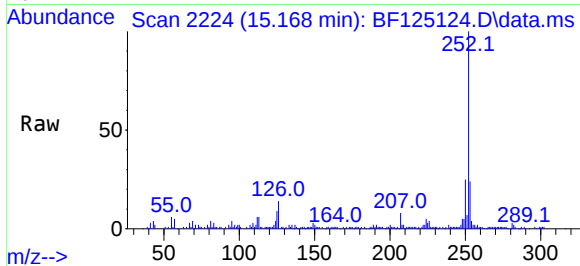
#89
Benzo(k)fluoranthene
Concen: 2.498 ng m
RT: 15.168 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

Tgt Ion: 252 Resp: 68860
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 8.8 7.2 10.8

Instrument :
BNA_F
ClientSampleId :
72-11966

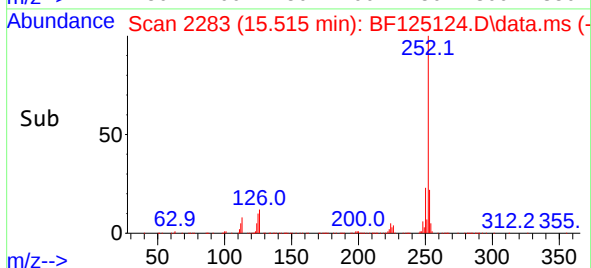
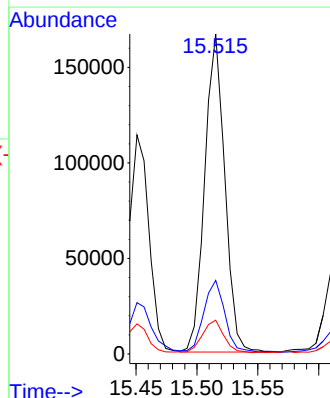
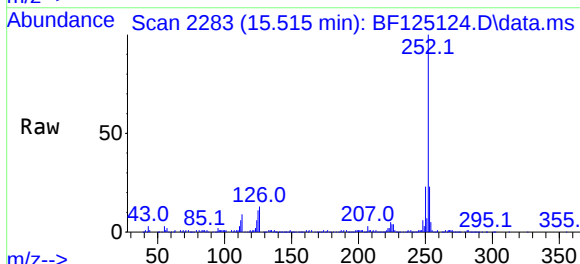
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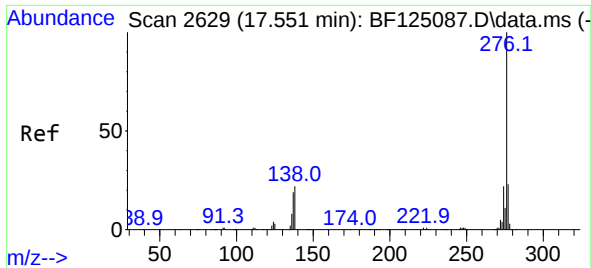
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#90
Benzo(a)pyrene
Concen: 7.296 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125124.D
Acq: 19 Aug 2021 20:31

Tgt Ion: 252 Resp: 190397
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 10.5 9.9 14.9





#92
 Benzo(g,h,i)perylene
 Concen: 4.186 ng m
 RT: 17.539 min Scan# 2627
 Delta R.T. -0.012 min
 Lab File: BF125124.D
 Acq: 19 Aug 2021 20:31

Tgt Ion:	276	Resp:	101633
Ion Ratio	Lower	Upper	
276	100		
277	23.4	22.0	33.0
138	20.0	22.2	33.4#

Instrument :
 BNA_F
 ClientSampleId :
 72-11966

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