

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124216.D
 Acq On : 9 Jun 2021 19:16
 Operator : JU/CG
 Sample : M2602-01DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060321DL

Manual Integrations
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Quant Time: Jun 10 01:54:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	36566	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	129708	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	69136	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	105858	20.000	ng	0.00
76) Chrysene-d12	14.021	240	89350	20.000	ng	0.00
86) Perylene-d12	15.498	264	57483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	67780	27.904	ng	0.00
7) Phenol-d6	6.487	99	83294	25.511	ng	-0.01
23) Nitrobenzene-d5	7.404	82	66580	20.358	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	21759	22.215	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	111109	20.223	ng	0.00
79) Terphenyl-d14	12.957	244	93842	14.420	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.433	166	17961	3.315	ng	# 92
71) Phenanthrene	11.398	178	206773	31.269	ng	98
72) Anthracene	11.451	178	41069m	6.167	ng	
73) Carbazole	11.604	167	27798	4.790	ng	96
75) Fluoranthene	12.592	202	316295	45.567	ng	99
78) Pyrene	12.821	202	241434	28.140	ng	96
81) Benzo(a)anthracene	14.010	228	125557	19.289	ng	97
83) Chrysene	14.045	228	91303	14.539	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	32360	10.488	ng	# 89
88) Benzo(b)fluoranthene	15.068	252	92693m	20.758	ng	
89) Benzo(k)fluoranthene	15.092	252	37972m	8.983	ng	
90) Benzo(a)pyrene	15.433	252	60831	15.684	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	9171m	6.226	ng	
92) Benzo(g,h,i)perylene	17.427	276	30348	10.741	ng	# 77

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

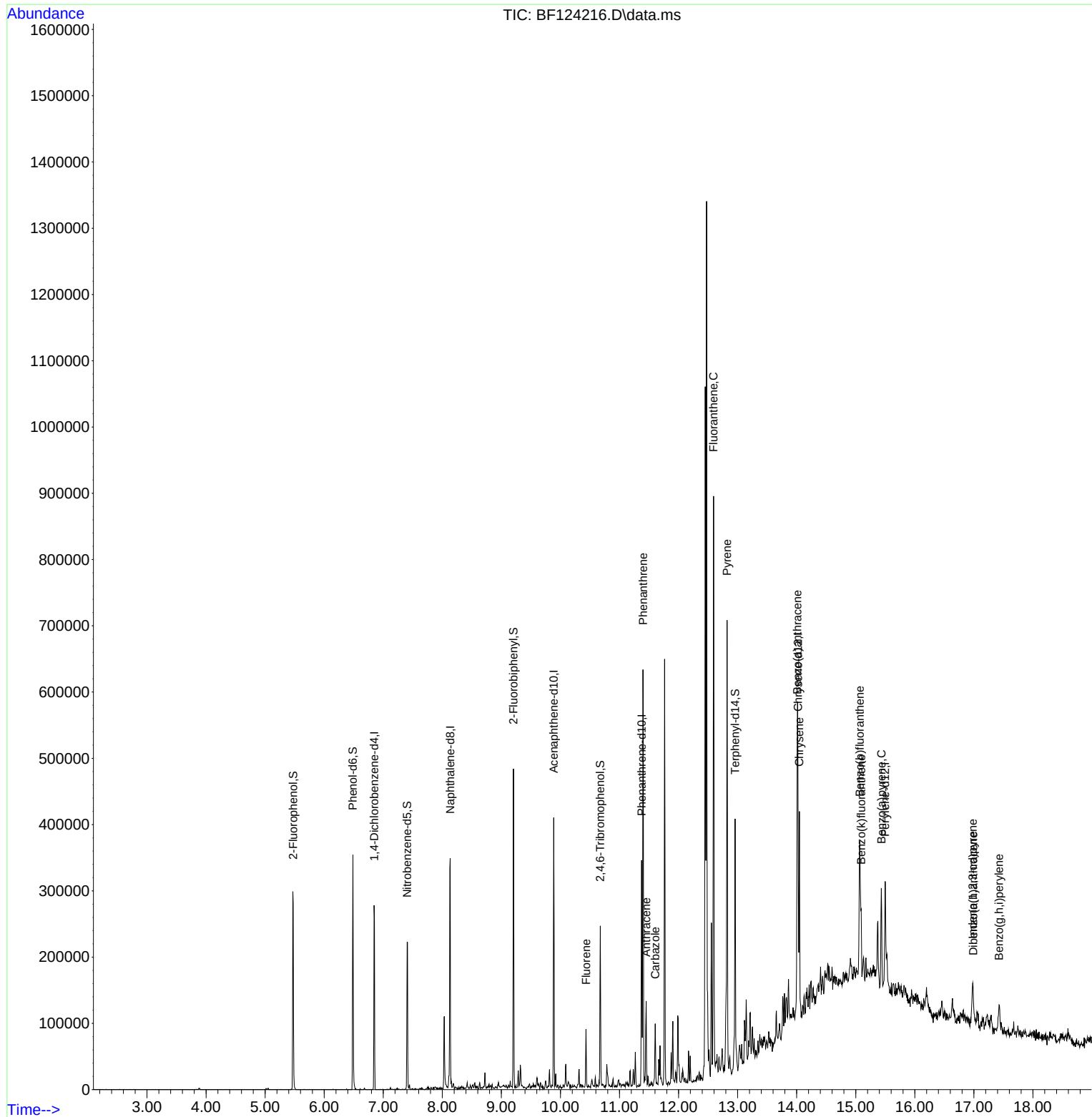
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124216.D
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ALS Vial : 13 Sample Multiplier: 1

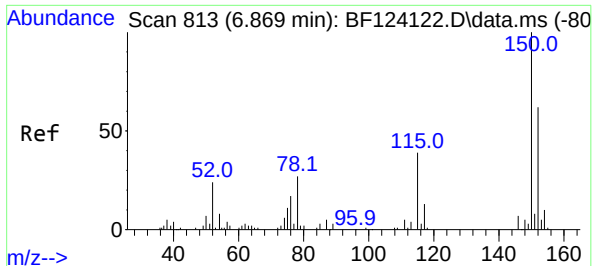
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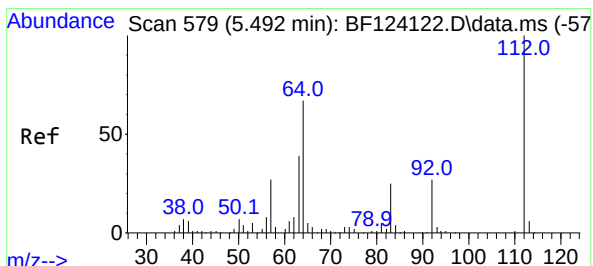
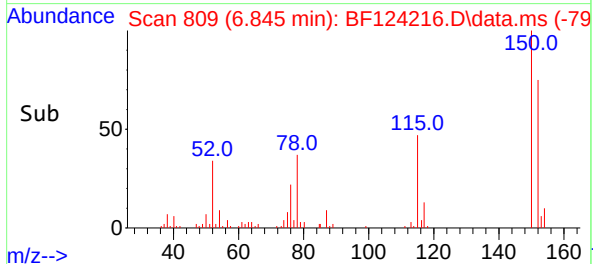
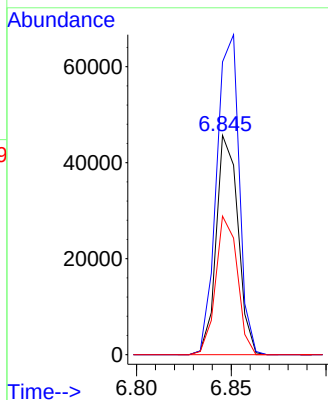
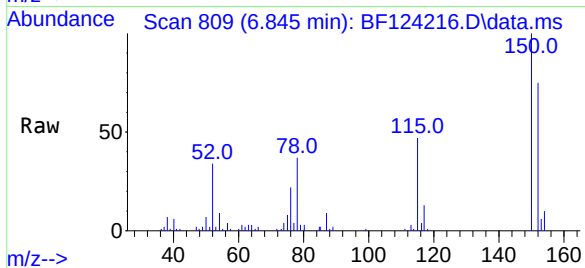
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion:152 Resp: 36566
Ion Ratio Lower Upper
152 100
150 133.5 127.0 190.6
115 63.2 54.3 81.5

Instrument :
BNA_F
ClientSampleId :
SU-02-060321DL

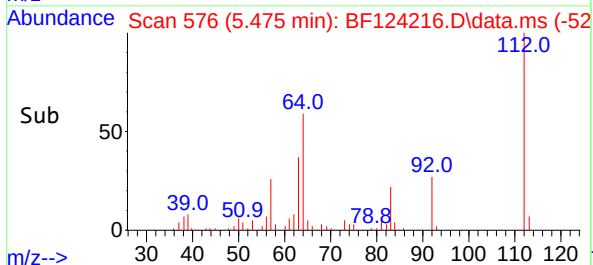
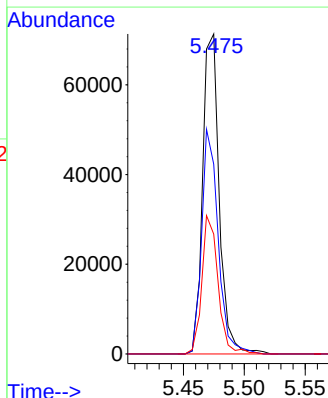
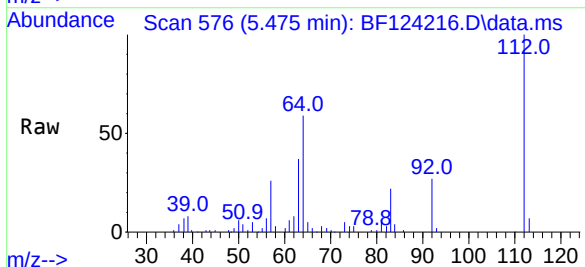
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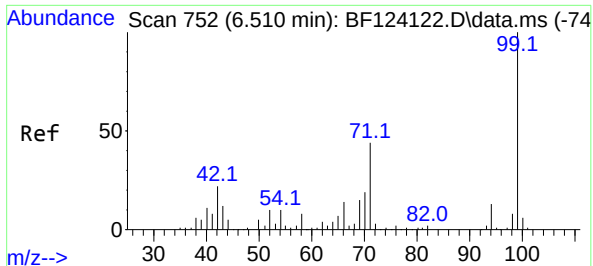
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#5
2-Fluorophenol
Concen: 27.904 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion:112 Resp: 67780
Ion Ratio Lower Upper
112 100
64 59.3 61.4 92.0#
63 37.4 33.0 49.4





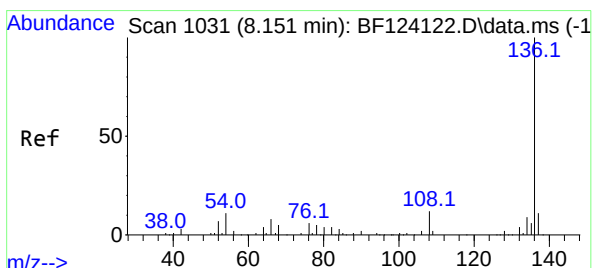
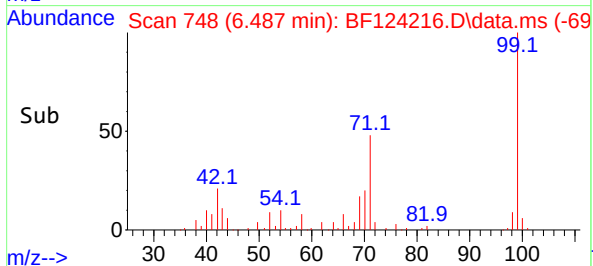
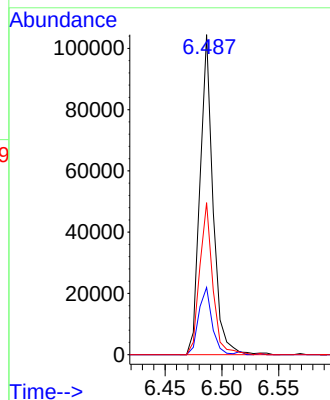
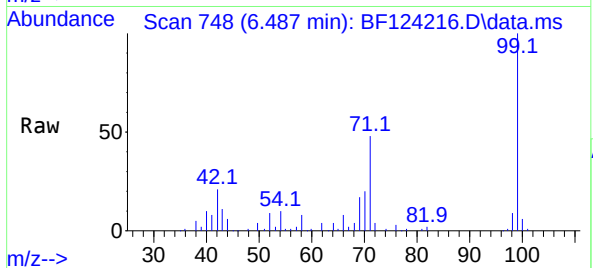
#7
Phenol-d6
Concen: 25.511 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion: 99 Resp: 83294
Ion Ratio Lower Upper
99 100
42 21.0 19.8 29.8
71 47.5 31.1 46.7#

Instrument :
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ClientSampleId :
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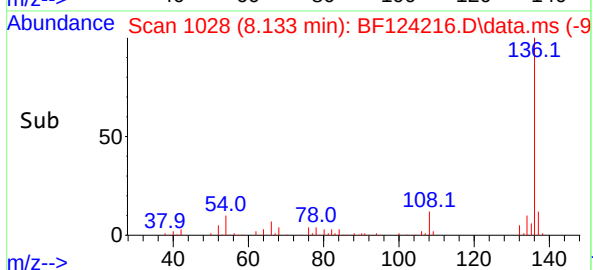
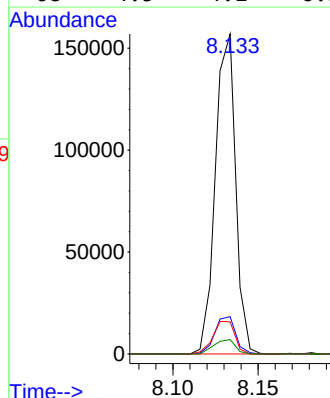
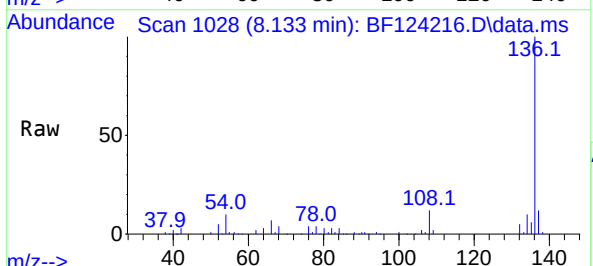
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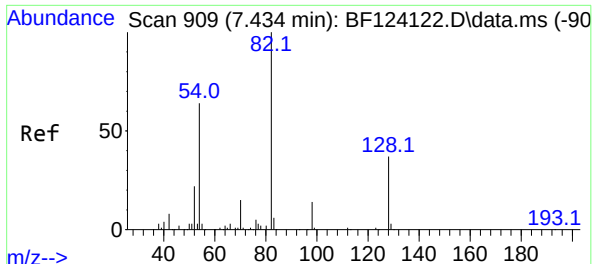
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

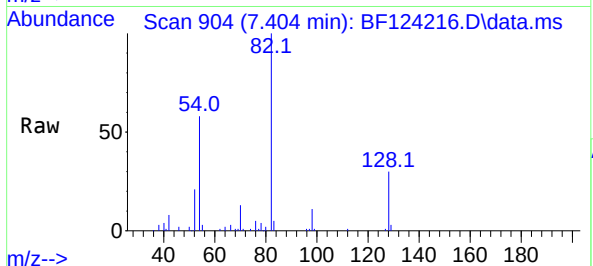
Tgt Ion: 136 Resp: 129708
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 10.1 9.8 14.6
68 4.5 4.1 6.1





#23
Nitrobenzene-d5
Concen: 20.358 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

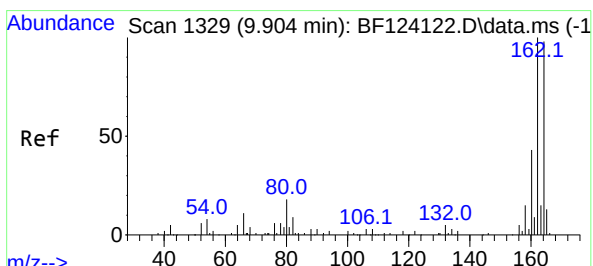
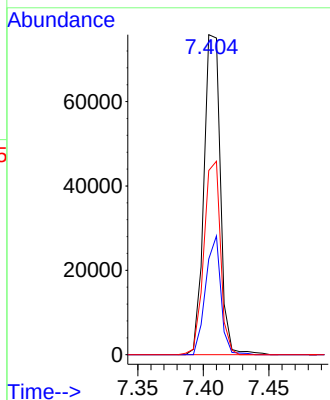
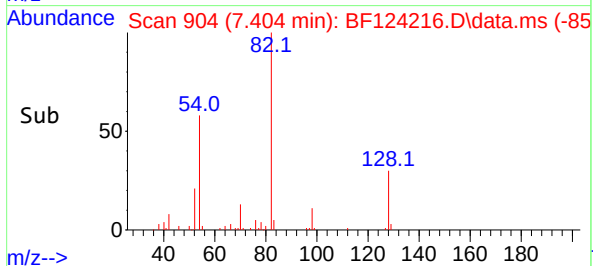
Instrument :
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ClientSampleId :
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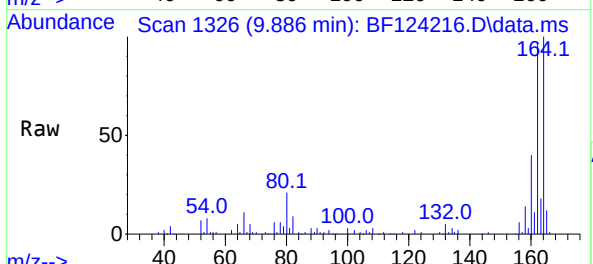
Tgt Ion: 82 Resp: 66580
Ion Ratio Lower Upper
82 100
128 29.9 29.4 44.2
54 57.6 54.1 81.1

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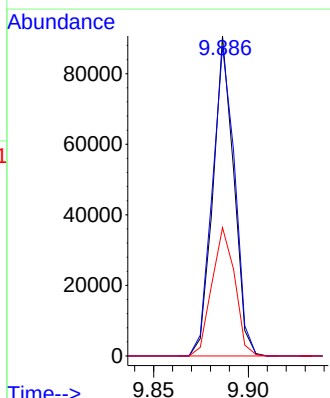
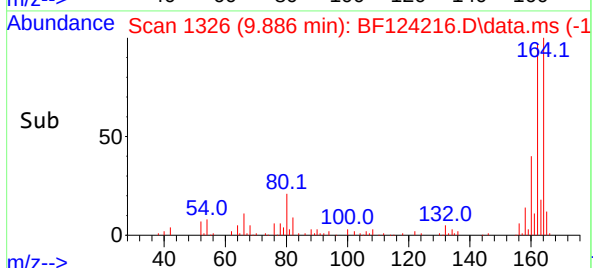
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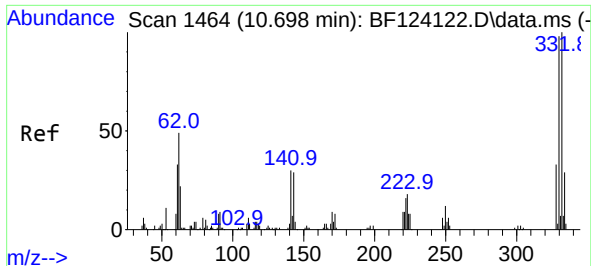


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16



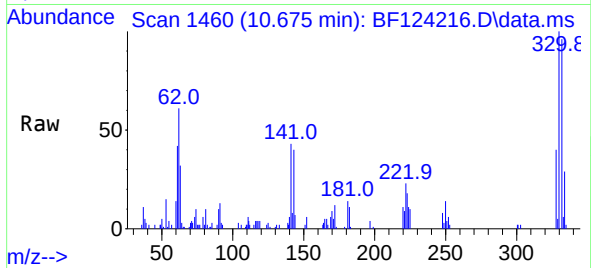
Tgt Ion: 164 Resp: 69136
Ion Ratio Lower Upper
164 100
162 96.9 80.7 121.1
160 40.1 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 22.215 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

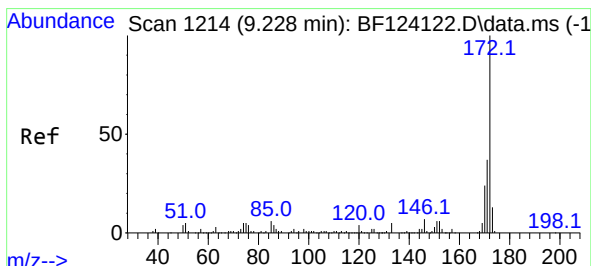
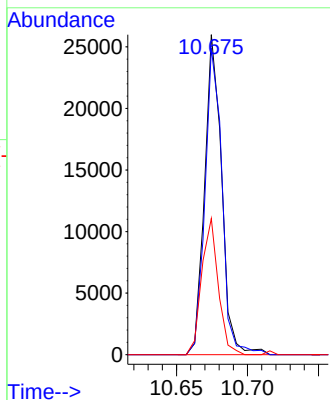
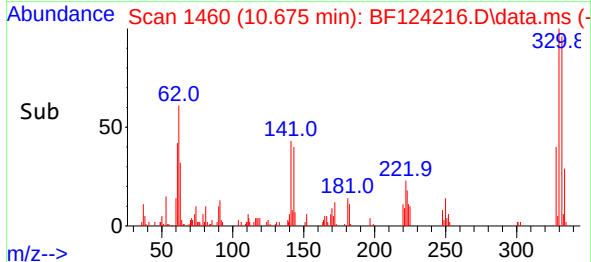
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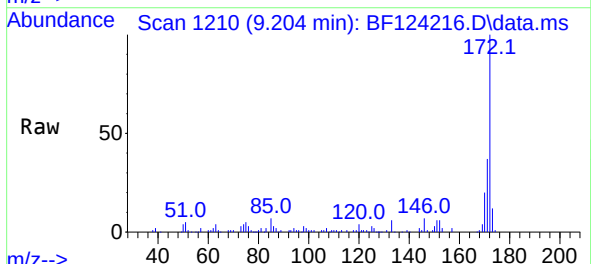
Tgt Ion:330 Resp: 21759
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 41.4 27.9 41.9

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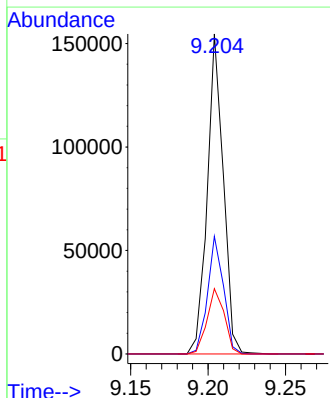
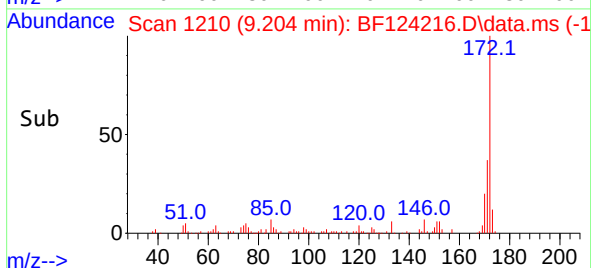
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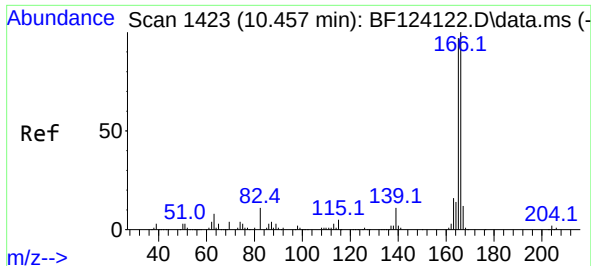


#45
2-Fluorobiphenyl
Concen: 20.223 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16



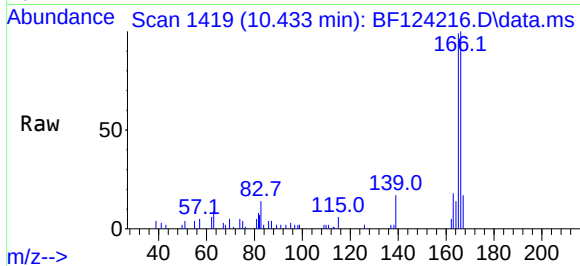
Tgt Ion:172 Resp: 111109
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 20.4 19.2 28.8





#58
Fluorene
Concen: 3.315 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

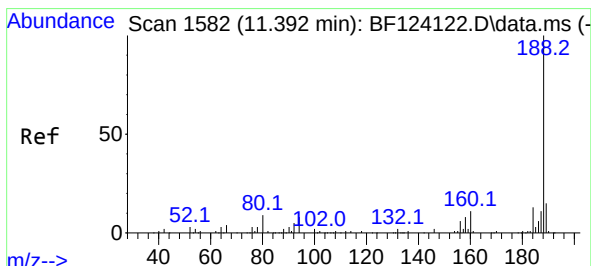
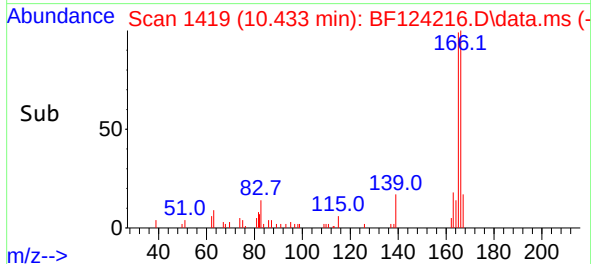
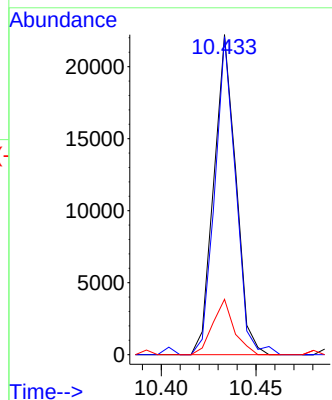
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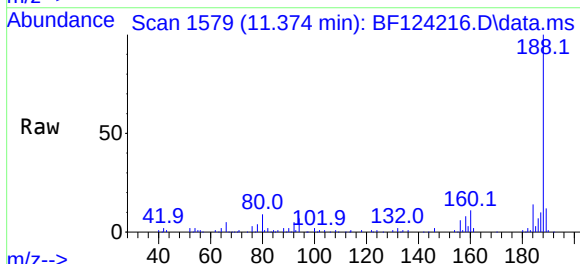
Tgt Ion:166 Resp: 17961
Ion Ratio Lower Upper
166 100
165 99.4 73.5 110.3
167 17.3 10.7 16.1#

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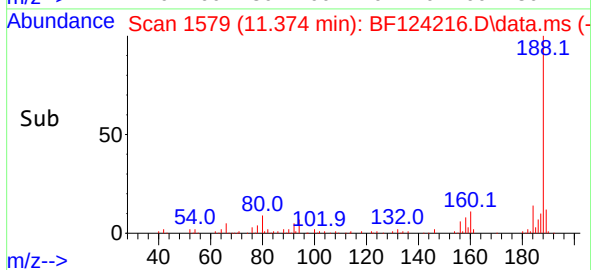
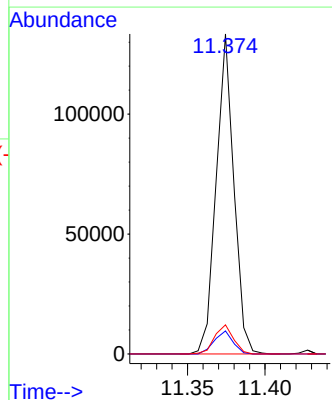
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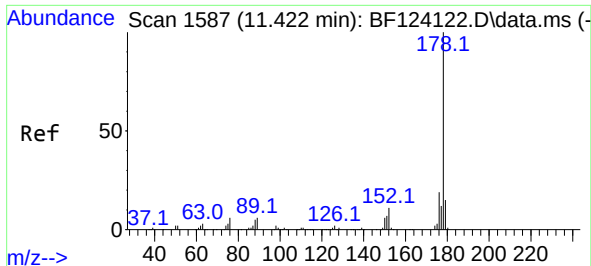


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16



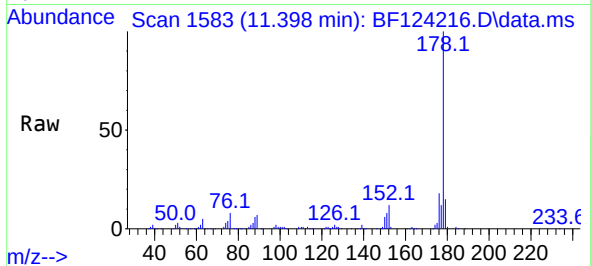
Tgt Ion:188 Resp: 105858
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 9.1 8.2 12.2





#71
Phenanthrene
Concen: 31.269 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

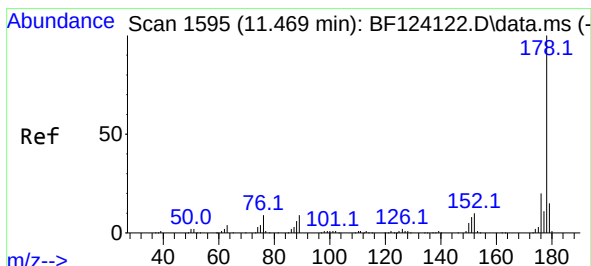
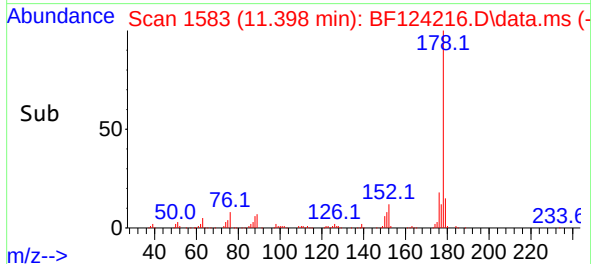
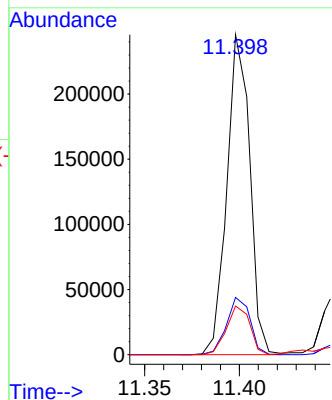
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SU-02-060321DL



Tgt Ion:178 Resp: 206773
Ion Ratio Lower Upper
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176 17.9 15.6 23.4
179 15.2 12.5 18.7

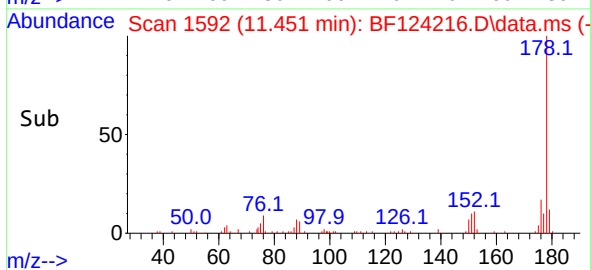
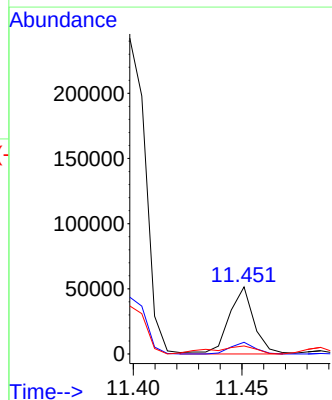
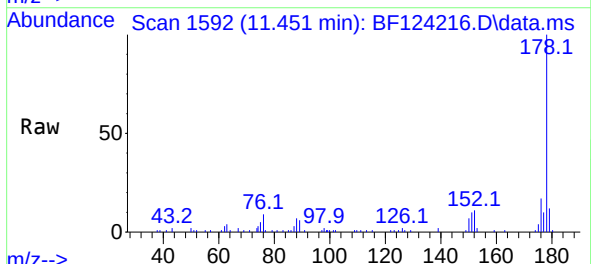
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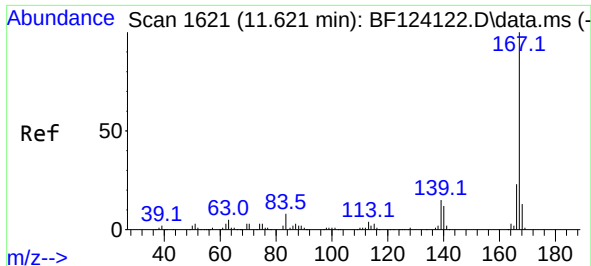
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#72
Anthracene
Concen: 6.167 ng m
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

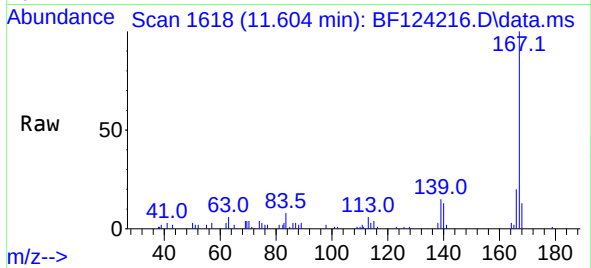
Tgt Ion:178 Resp: 41069
Ion Ratio Lower Upper
178 100
176 17.5 15.4 23.0
179 12.0 12.6 18.8#





#73
 Carbazole
 Concen: 4.790 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: BF124216.D
 Acq: 9 Jun 2021 19:16

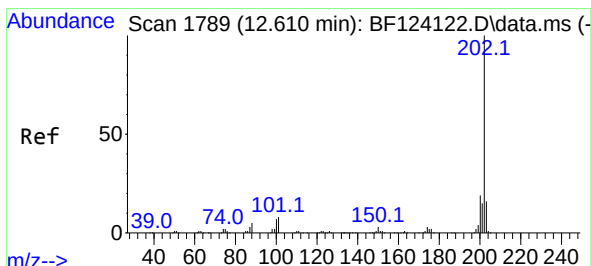
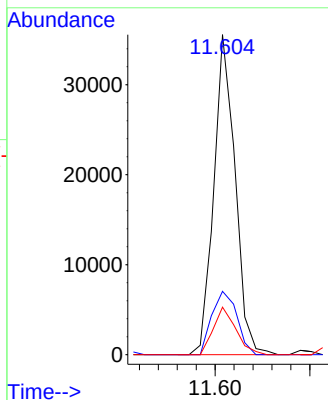
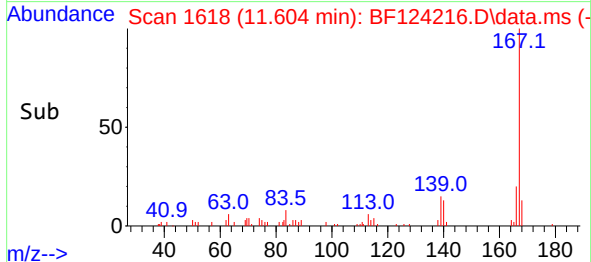
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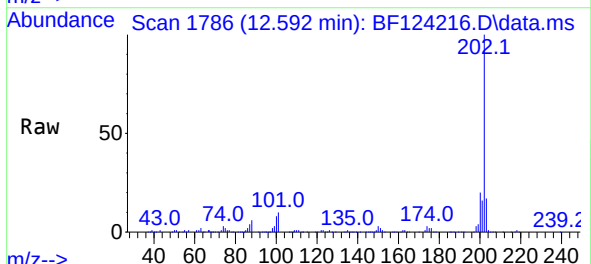
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 Ion Ratio Lower Upper
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 139 14.8 10.4 15.6

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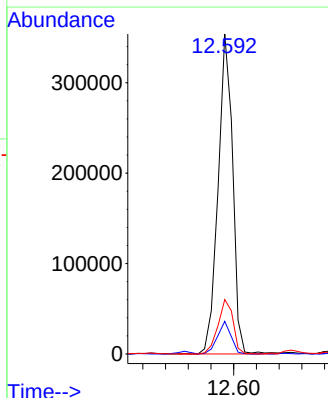
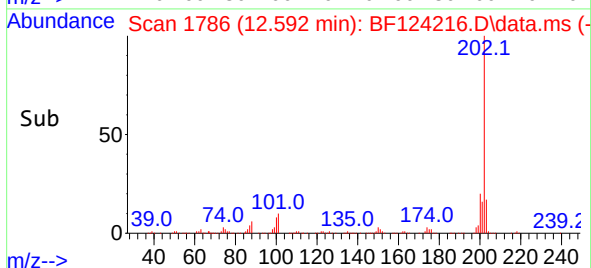
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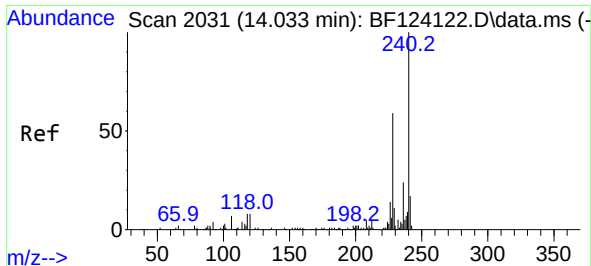


#75
 Fluoranthene
 Concen: 45.567 ng
 RT: 12.592 min Scan# 1786
 Delta R.T. 0.000 min
 Lab File: BF124216.D
 Acq: 9 Jun 2021 19:16



Tgt Ion:202 Resp: 316295
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 30.9
 203 17.0 0.0 37.5





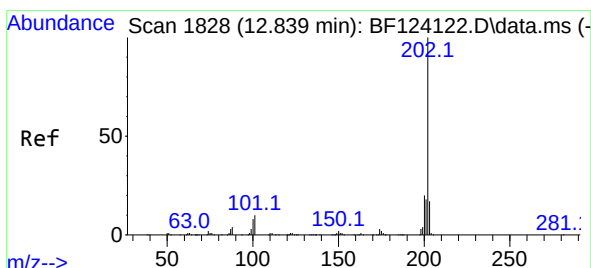
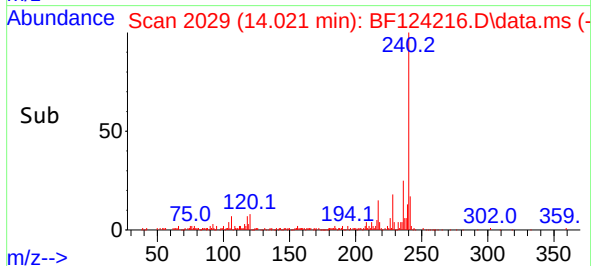
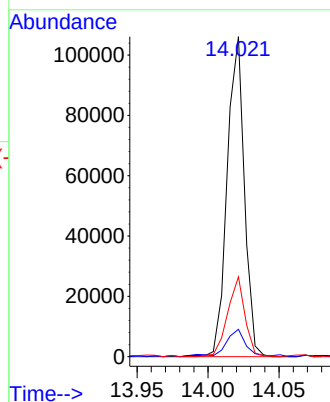
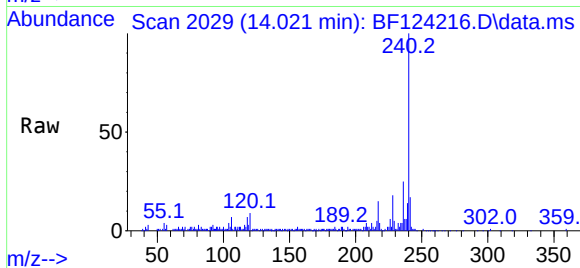
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion:240 Resp: 89350
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 25.0 19.0 28.4

Instrument :
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ClientSampleId :
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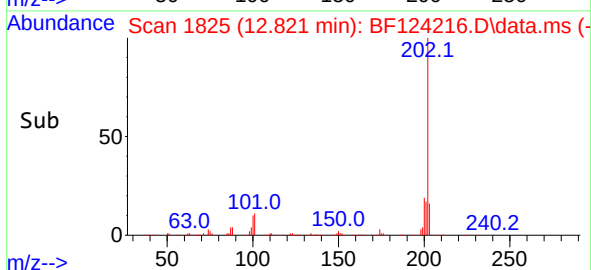
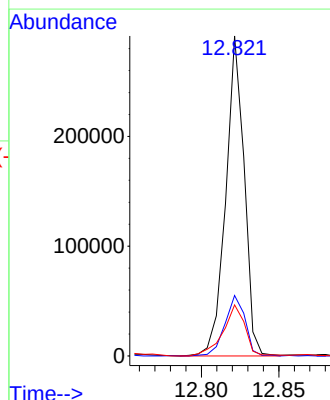
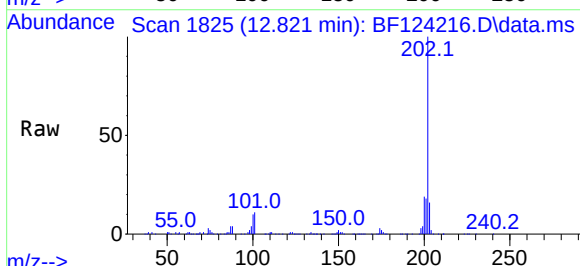
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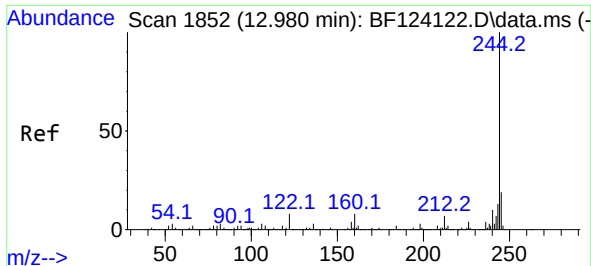
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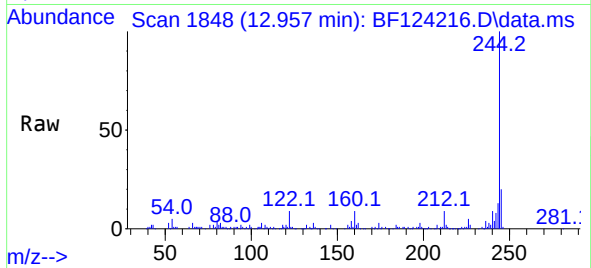
#78
Pyrene
Concen: 28.140 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion:202 Resp: 241434
Ion Ratio Lower Upper
202 100
200 18.9 16.1 24.1
203 16.0 14.8 22.2

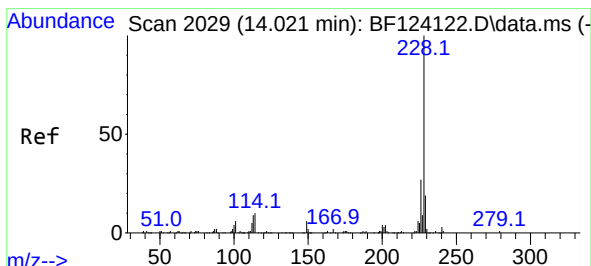
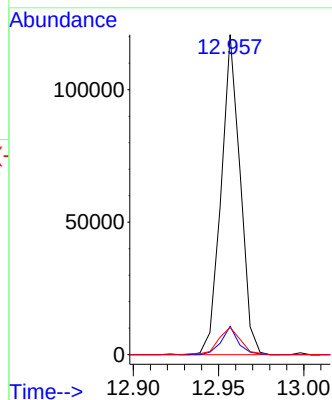
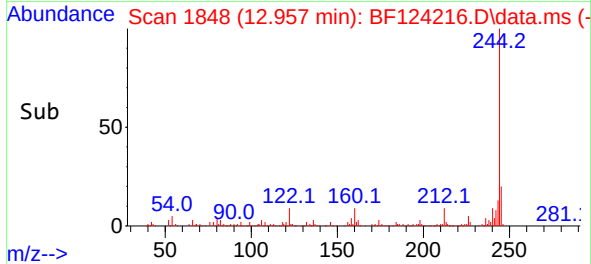




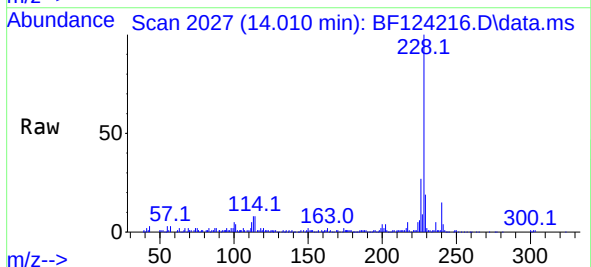
#79
Terphenyl-d14
Concen: 14.420 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16



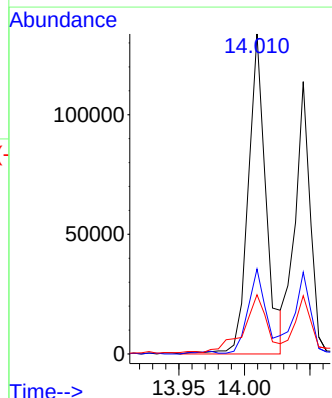
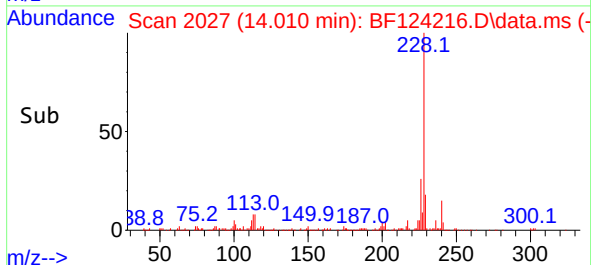
Tgt Ion:244 Resp: 93842
Ion Ratio Lower Upper
244 100
212 8.9 5.7 8.5#
122 8.5 9.7 14.5#



#81
Benzo(a)anthracene
Concen: 19.289 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16



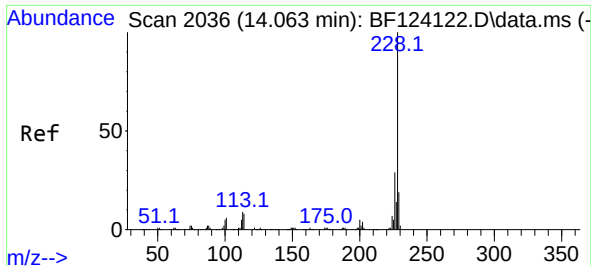
Tgt Ion:228 Resp: 125557
Ion Ratio Lower Upper
228 100
226 26.6 22.4 33.6
229 18.5 16.0 24.0



Instrument :
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ClientSampleId :
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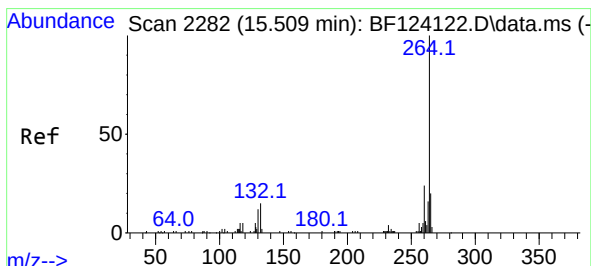
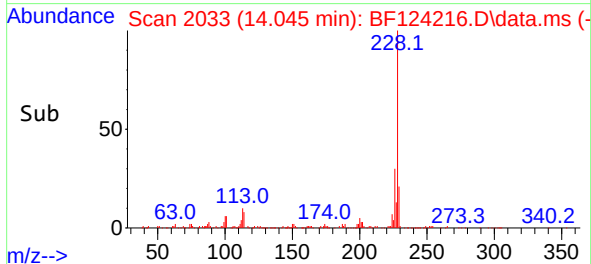
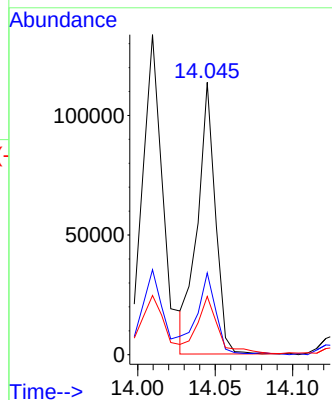
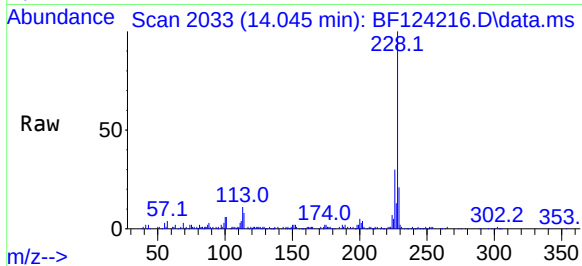
#83
Chrysene
Concen: 14.539 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion:228 Resp: 91303
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 21.4 16.2 24.2

Instrument :
BNA_F
ClientSampleId :
SU-02-060321DL

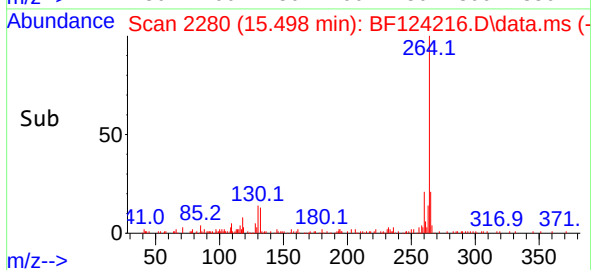
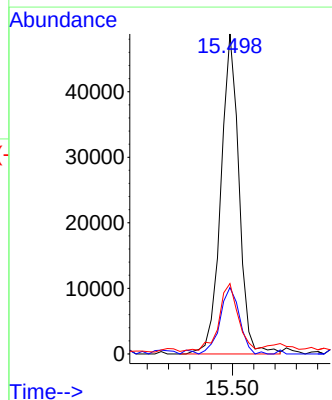
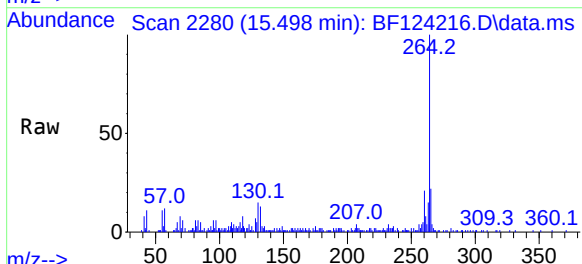
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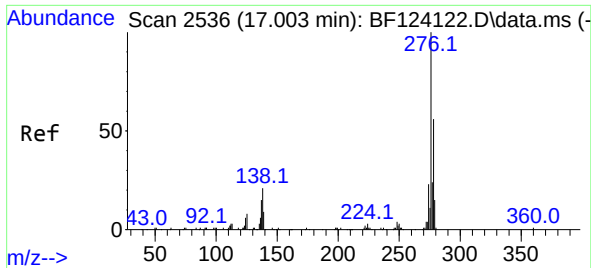
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion:264 Resp: 57483
Ion Ratio Lower Upper
264 100
260 20.8 18.7 28.1
265 22.0 17.8 26.8





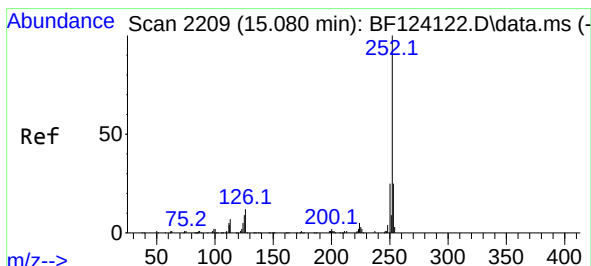
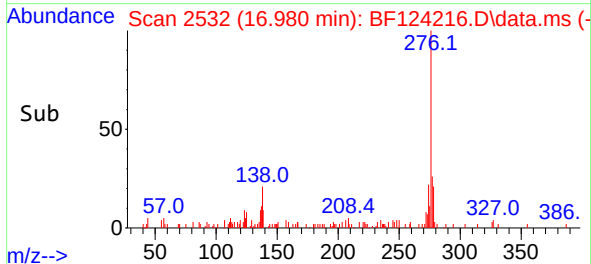
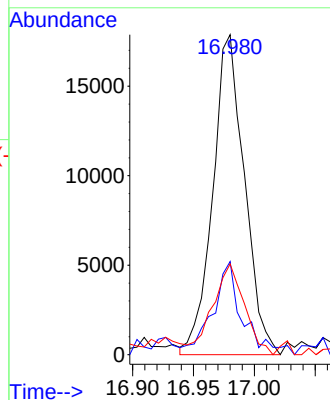
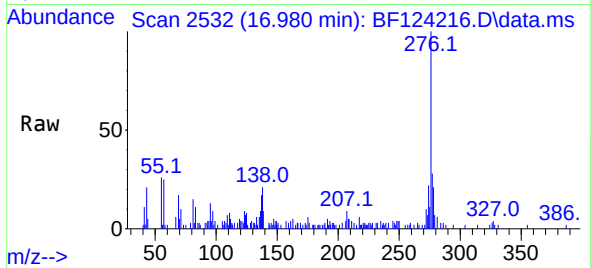
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.488 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion: 276 Resp: 32360
Ion Ratio Lower Upper
276 100
138 27.4 16.2 24.2#
277 28.5 20.1 30.1

Instrument :
BNA_F
ClientSampleId :
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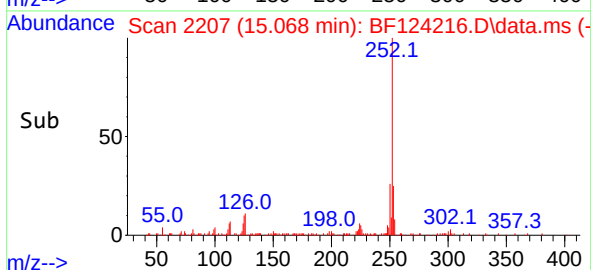
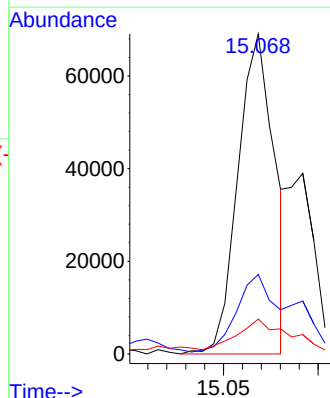
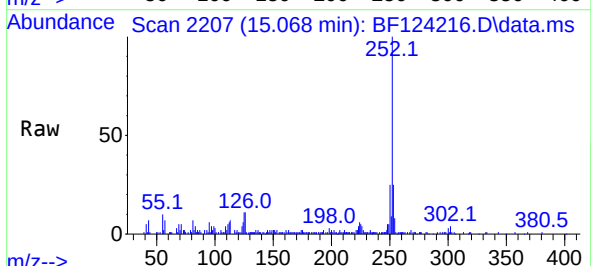
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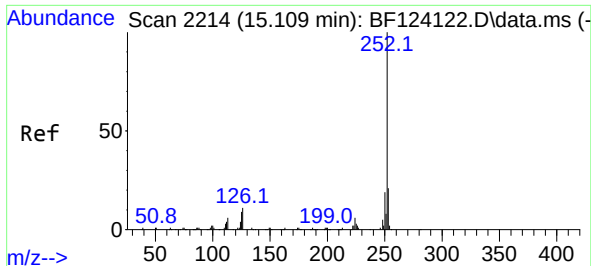
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#88
Benzo(b)fluoranthene
Concen: 20.758 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion: 252 Resp: 92693
Ion Ratio Lower Upper
252 100
253 24.9 18.1 27.1
125 10.9 6.2 9.4#





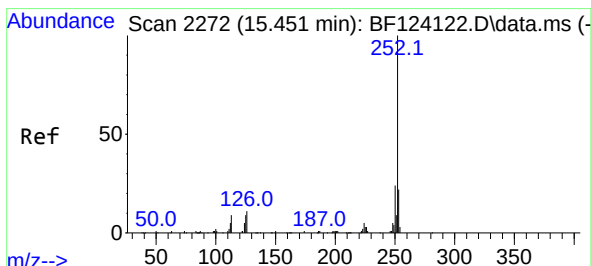
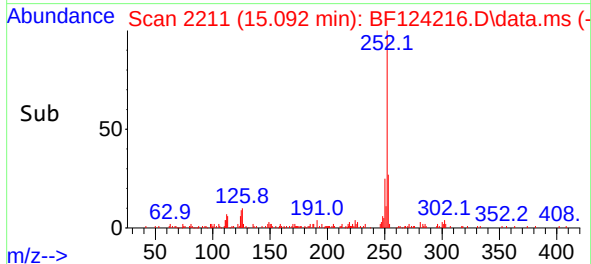
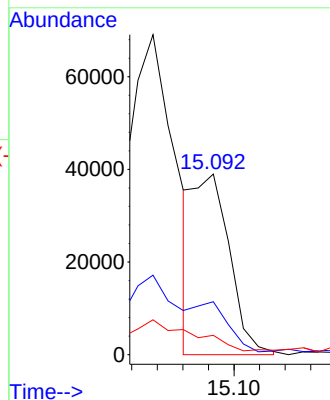
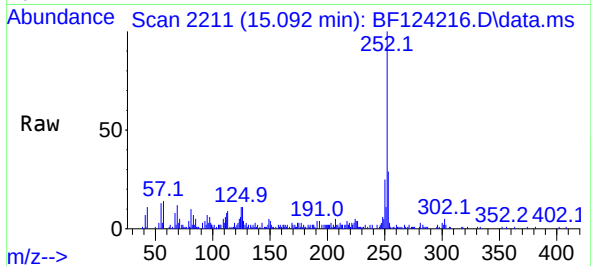
#89
Benzo(k)fluoranthene
Concen: 8.983 ng m
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

Tgt Ion:252 Resp: 37972
Ion Ratio Lower Upper
252 100
253 29.4 17.9 26.9#
125 10.7 7.0 10.6#

Instrument :
BNA_F
ClientSampleId :
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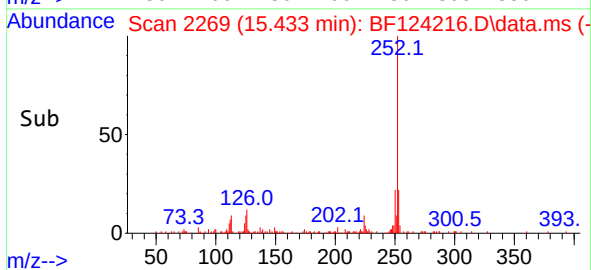
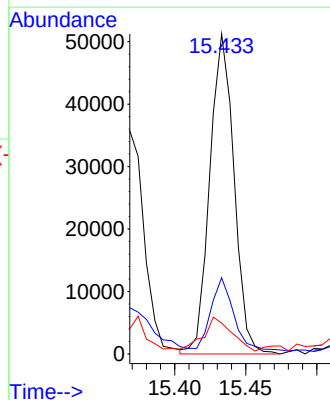
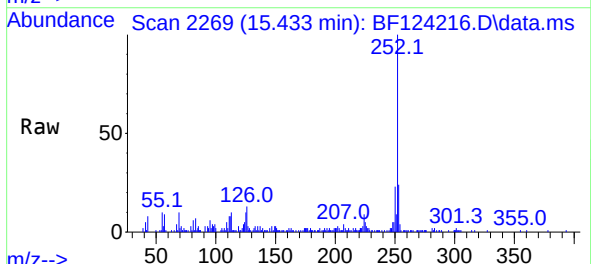
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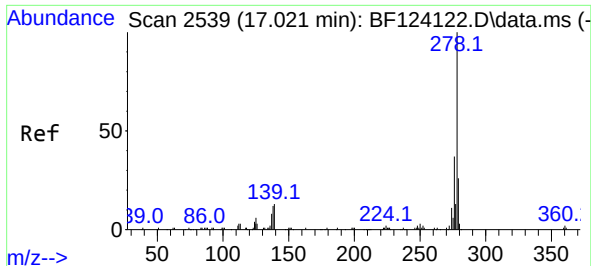
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#90
Benzo(a)pyrene
Concen: 15.684 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

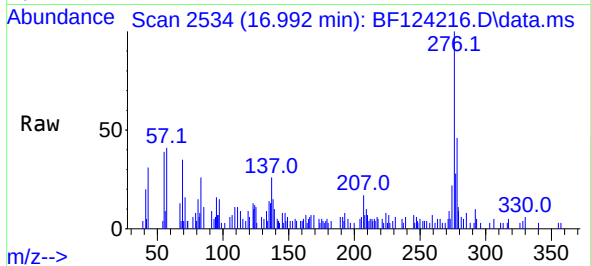
Tgt Ion:252 Resp: 60831
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 9.6 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 6.226 ng m
RT: 16.992 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16

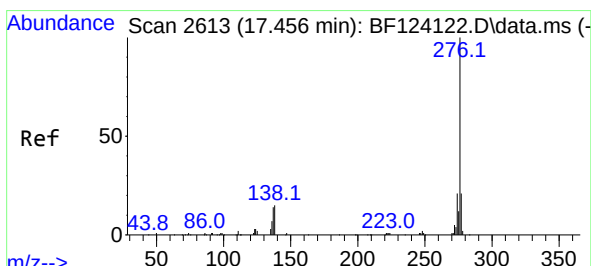
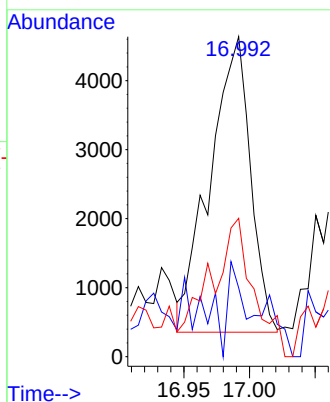
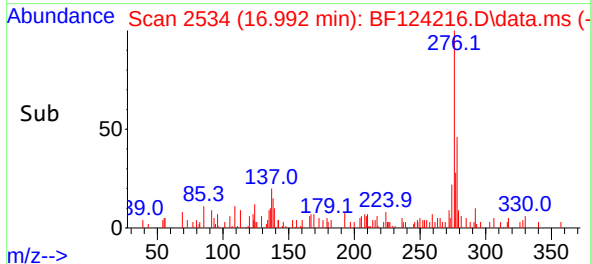
Instrument :
BNA_F
ClientSampleId :
SU-02-060321DL



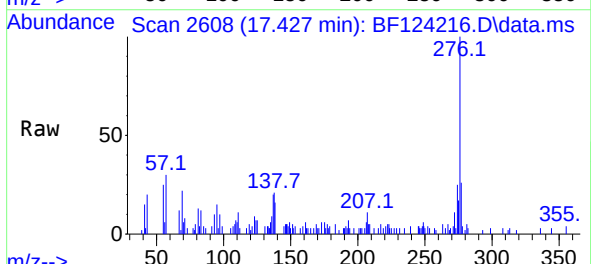
Tgt Ion:278 Resp: 9171
Ion Ratio Lower Upper
278 100
139 21.5 10.2 15.2#
279 23.0 19.4 29.0

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#92
Benzo(g,h,i)perylene
Concen: 10.741 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF124216.D
Acq: 9 Jun 2021 19:16



Tgt Ion:276 Resp: 30348
Ion Ratio Lower Upper
276 100
277 25.9 18.2 27.2
138 37.0 13.8 20.6#

