

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124452.D
 Acq On : 25 Jun 2021 15:06
 Operator : JU/CG
 Sample : M2812-04DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 293-347DL

Manual Integrations
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Quant Time: Jun 25 15:34:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	33365	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	121468	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	68649	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	103772	20.000	ng	# 0.00
76) Chrysene-d12	13.863	240	90624	20.000	ng	0.00
86) Perylene-d12	15.286	264	86719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	5884	2.773	ng	0.01
7) Phenol-d6	6.363	99	10050	3.628	ng	0.00
23) Nitrobenzene-d5	7.275	82	7526	2.569	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	2651	3.232	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	13470	2.404	ng	0.00
79) Terphenyl-d14	12.804	244	12163	2.010	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.010	128	453972	63.525	ng	97
37) 2-Methylnaphthalene	8.698	142	145230	28.718	ng	99
38) 1-Methylnaphthalene	8.798	142	73928	15.717	ng	96
46) 1,1'-Biphenyl	9.163	154	38149	6.538	ng	98
52) Acenaphthene	9.769	154	86132	19.663	ng	97
55) Dibenzofuran	9.945	168	111066	15.908	ng	98
58) Fluorene	10.286	166	108556	20.235	ng	96
71) Phenanthrene	11.251	178	338284	51.713	ng	98
72) Anthracene	11.298	178	101861	15.628	ng	97
73) Carbazole	11.457	167	29345	5.166	ng	96
75) Fluoranthene	12.439	202	146331	22.229	ng	95
78) Pyrene	12.663	202	107368	12.979	ng	99
81) Benzo(a)anthracene	13.851	228	37112	5.680	ng	94
83) Chrysene	13.892	228	31517	4.868	ng	96
88) Benzo(b)fluoranthene	14.886	252	31232m	4.753	ng	
90) Benzo(a)pyrene	15.233	252	20461	3.504	ng	# 92

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

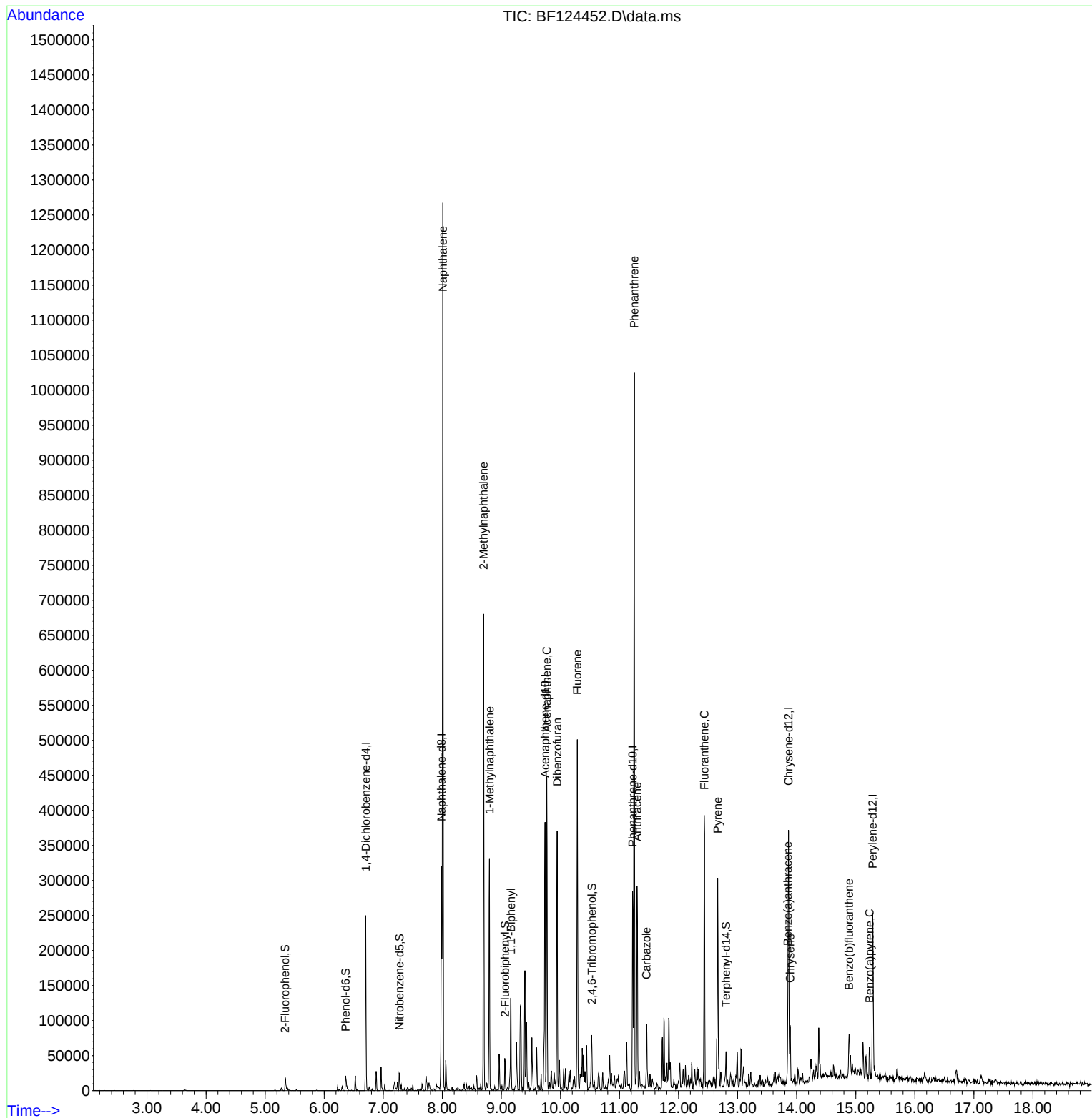
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
Data File : BF124452.D
Acq On : 25 Jun 2021 15:06
Operator : JU/CG
Sample : M2812-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

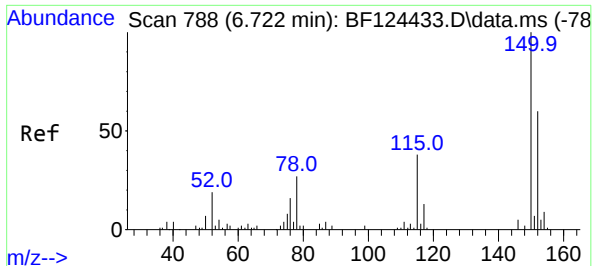
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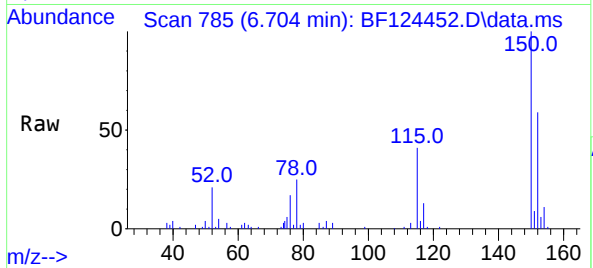
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 13:23:23 2021
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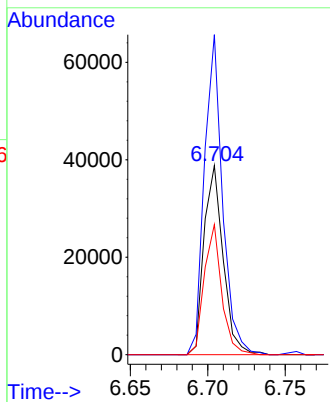
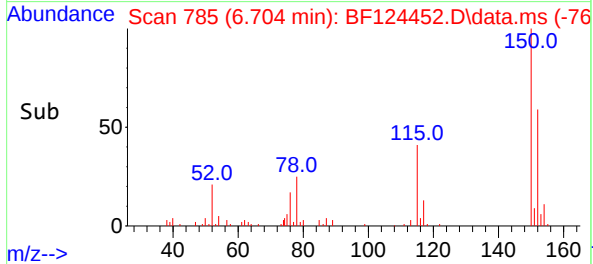




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



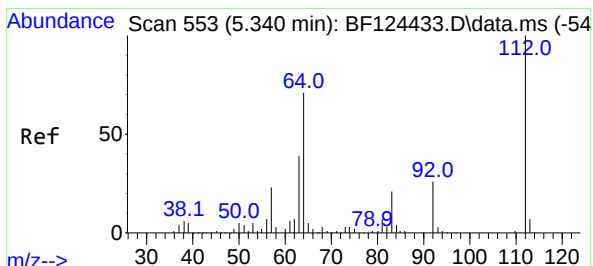
Tgt Ion:152 Resp: 33365
Ion Ratio Lower Upper
152 100
150 169.2 127.0 190.6
115 68.8 54.3 81.5



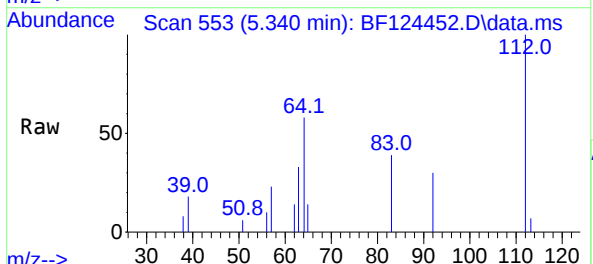
Instrument :
BNA_F
ClientSampled :
293-347DL

Manual Integrations
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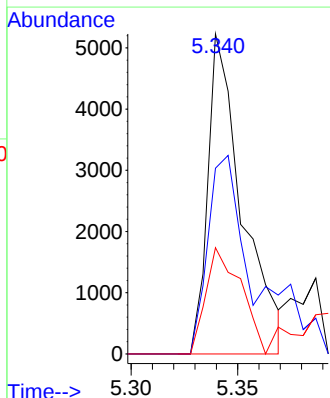
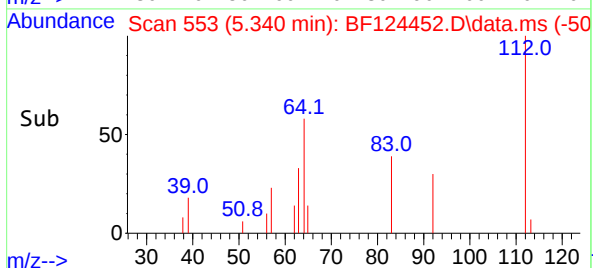
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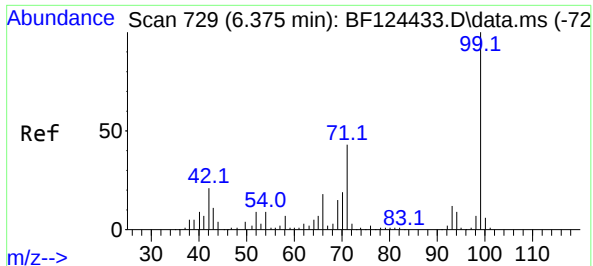


#5
2-Fluorophenol
Concen: 2.773 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



Tgt Ion:112 Resp: 5884
Ion Ratio Lower Upper
112 100
64 58.0 61.4 92.0#
63 33.2 33.0 49.4





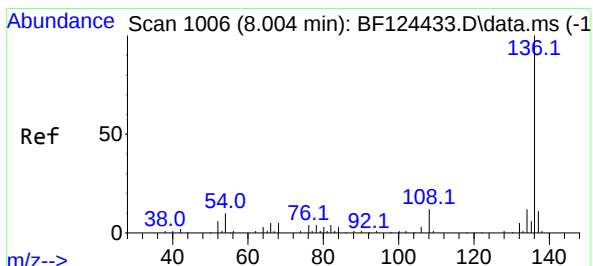
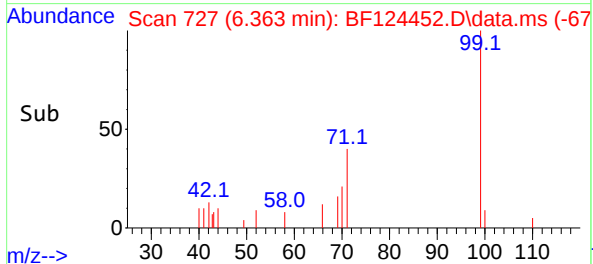
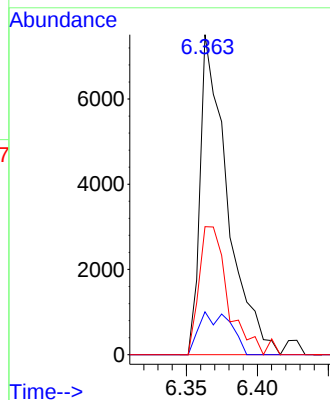
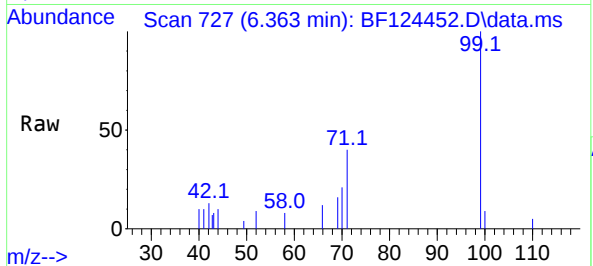
#7
Phenol-d6
Concen: 3.628 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

Tgt Ion:	99	Resp:	10050
Ion	Ratio	Lower	Upper
99	100		
42	13.4	19.8	29.8#
71	40.0	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
293-347DL

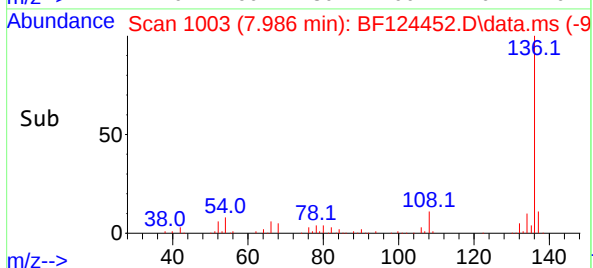
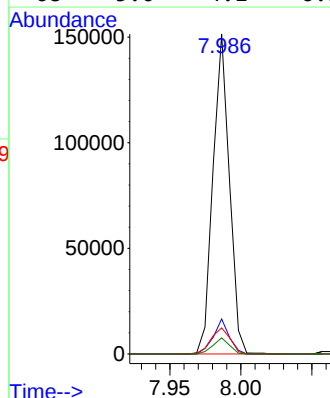
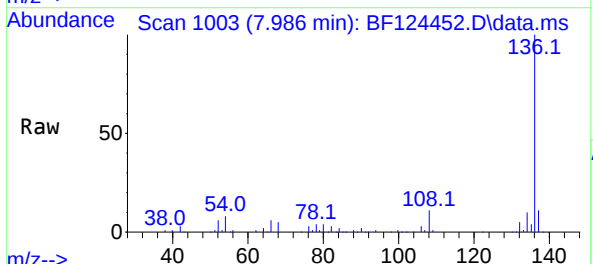
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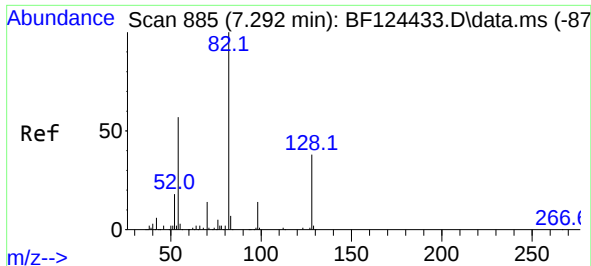
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

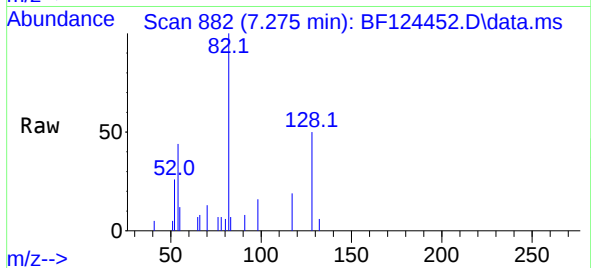
Tgt Ion:	136	Resp:	121468
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.2	9.8	14.6#
68	5.0	4.1	6.1





#23
Nitrobenzene-d5
Concen: 2.569 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

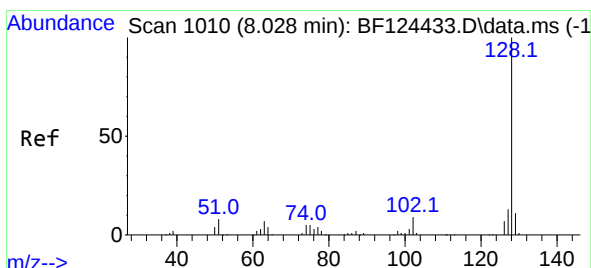
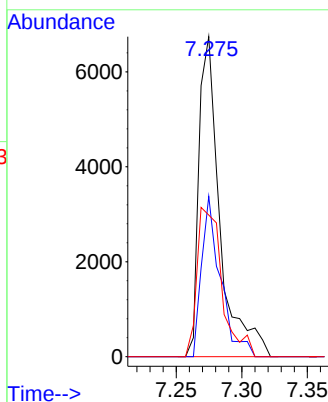
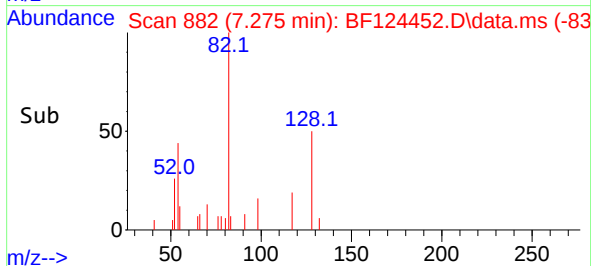
Instrument :
BNA_F
ClientSampleID :
293-347DL



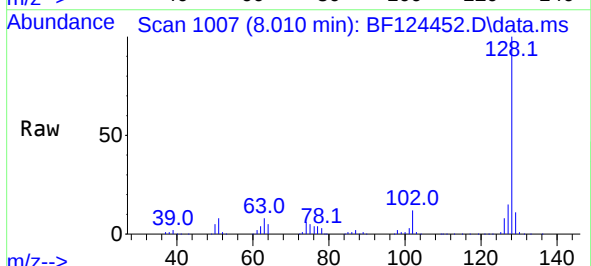
Tgt Ion: 82 Resp: 7526
Ion Ratio Lower Upper
82 100
128 50.1 29.4 44.2#
54 44.2 54.1 81.1#

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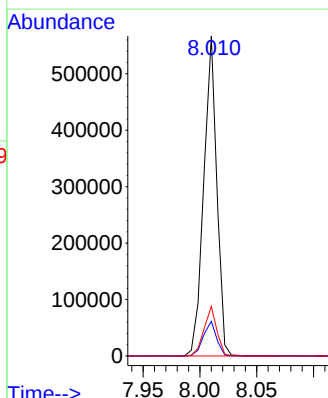
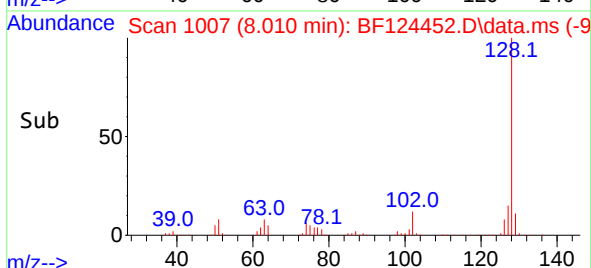
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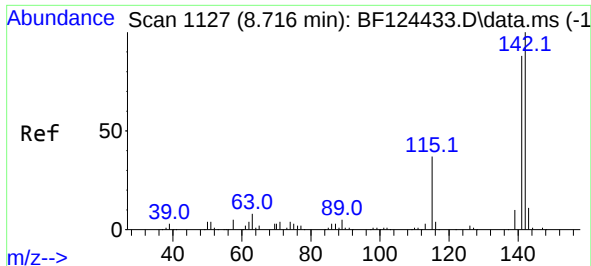


#31
Naphthalene
Concen: 63.525 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



Tgt Ion: 128 Resp: 453972
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 15.5 10.8 16.2





#37

2-Methylnaphthalene

Concen: 28.718 ng

RT: 8.698 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF124452.D

Acq: 25 Jun 2021 15:06

Tgt Ion:142 Resp: 145230

Ion Ratio Lower Upper

142 100

141 89.0 71.8 107.6

Instrument :

BNA_F

ClientSampleId :

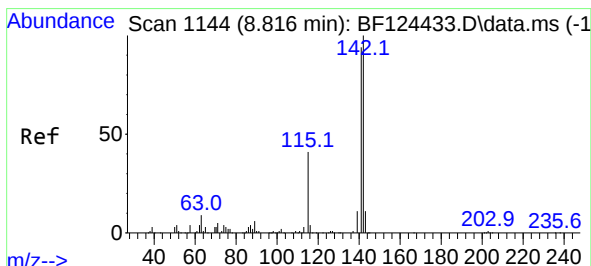
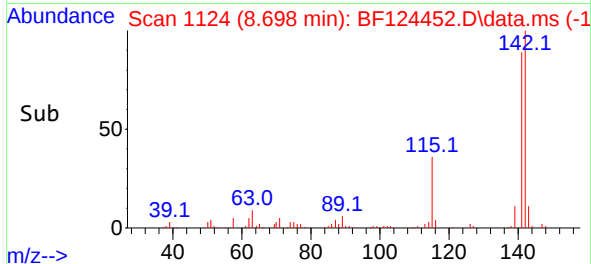
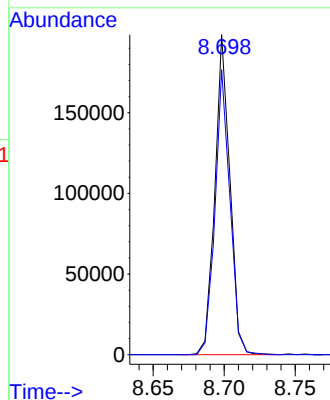
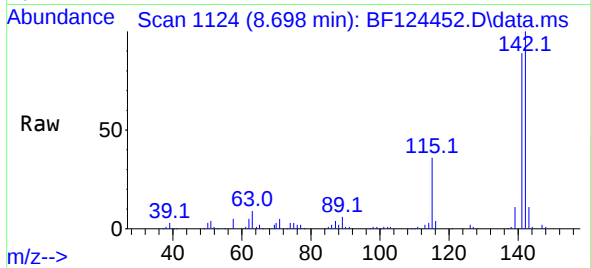
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#38

1-Methylnaphthalene

Concen: 15.717 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF124452.D

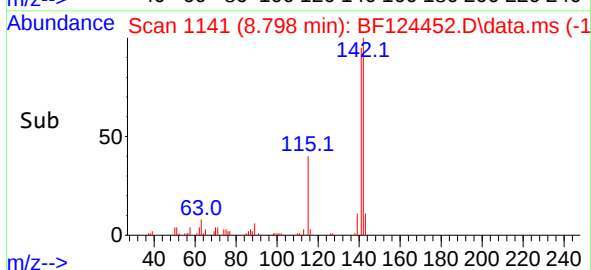
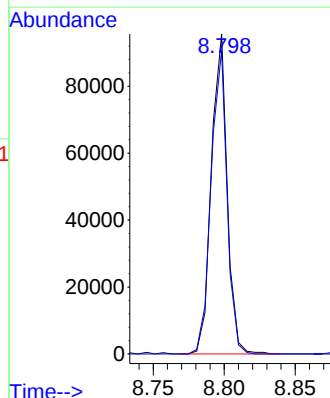
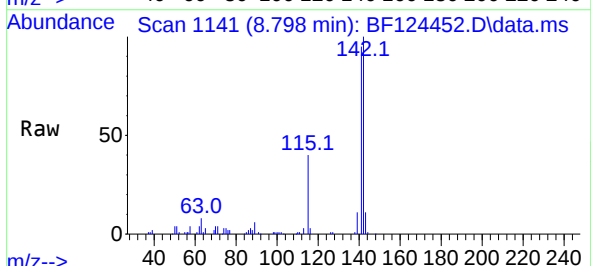
Acq: 25 Jun 2021 15:06

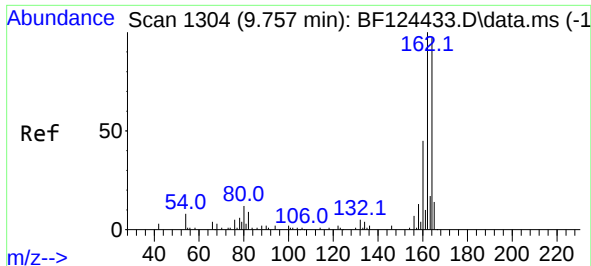
Tgt Ion:142 Resp: 73928

Ion Ratio Lower Upper

142 100

141 94.9 72.8 109.2





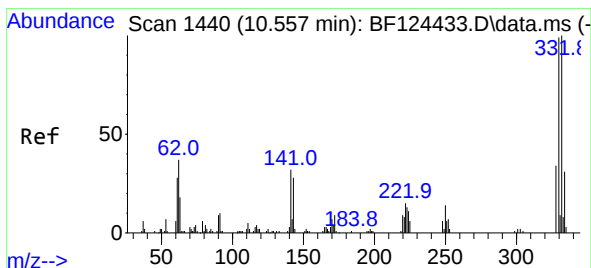
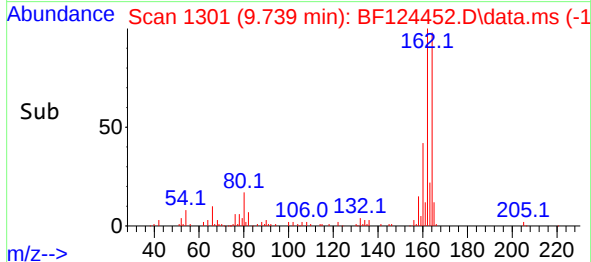
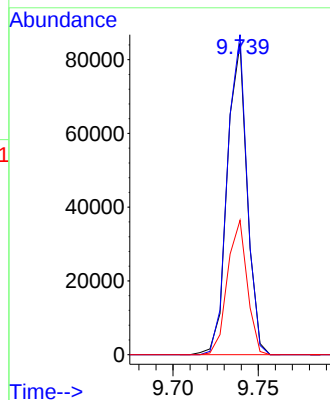
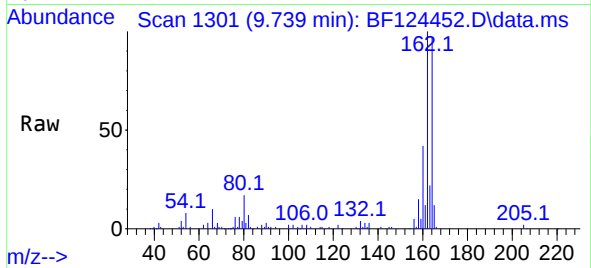
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

Tgt Ion:164 Resp: 68649
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 43.2 37.3 55.9

Instrument :
BNA_F
ClientSampled :
293-347DL

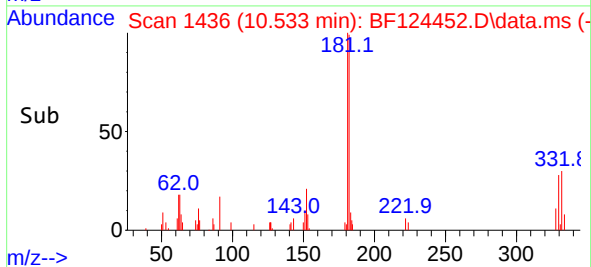
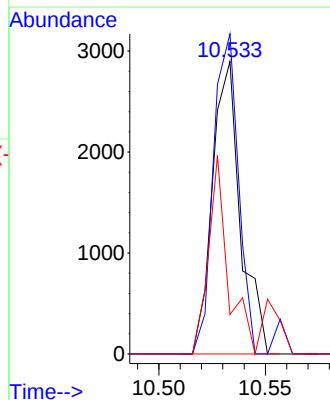
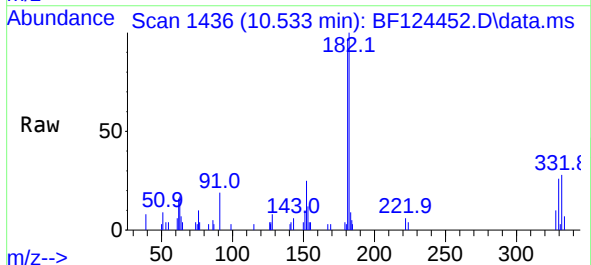
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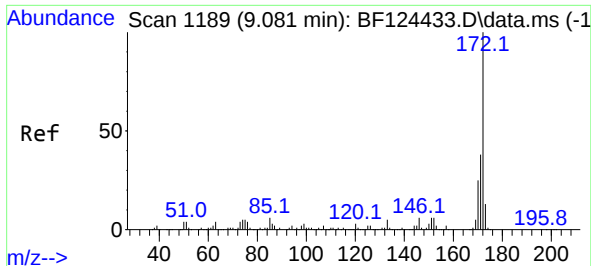
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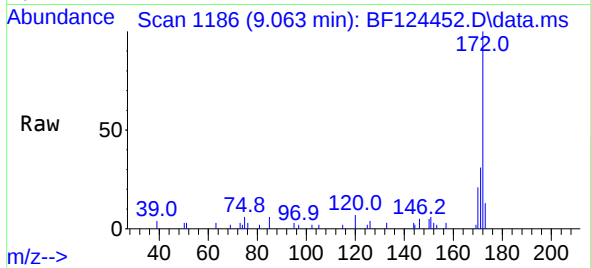
#42
2,4,6-Tribromophenol
Concen: 3.232 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

Tgt Ion:330 Resp: 2651
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 47.3 27.9 41.9#

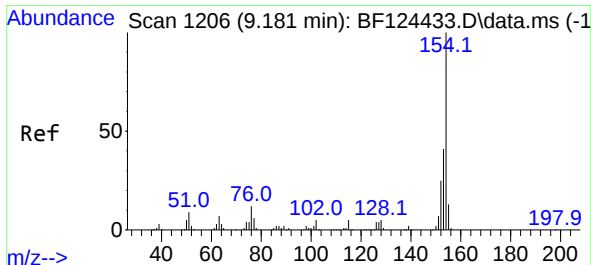
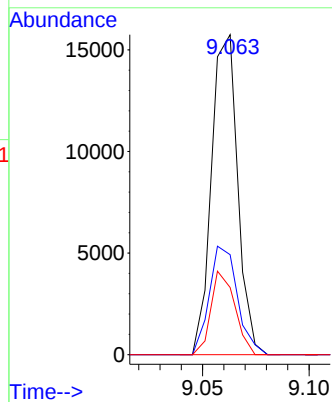
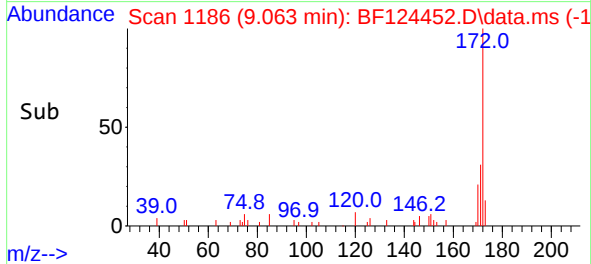




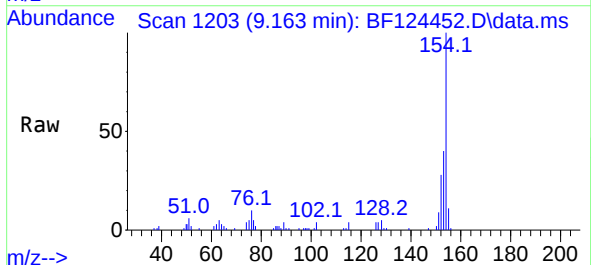
#45
2-Fluorobiphenyl
Concen: 2.404 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



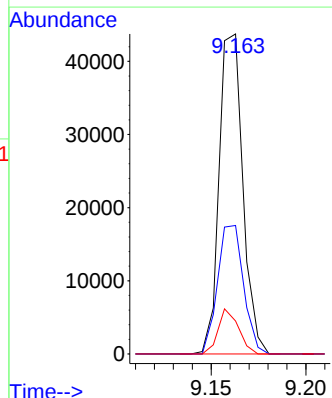
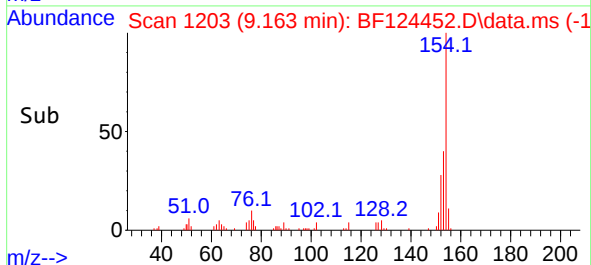
Tgt Ion:172 Resp: 13470
Ion Ratio Lower Upper
172 100
171 31.2 28.1 42.1
170 21.0 19.2 28.8



#46
1,1'-Biphenyl
Concen: 6.538 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



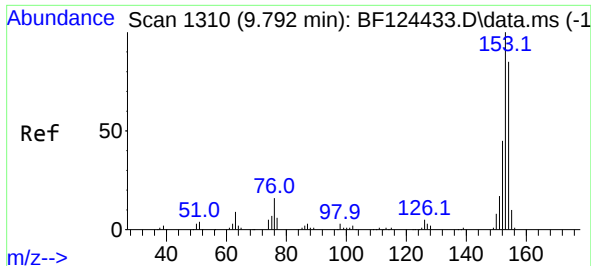
Tgt Ion:154 Resp: 38149
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 10.3 0.0 31.7



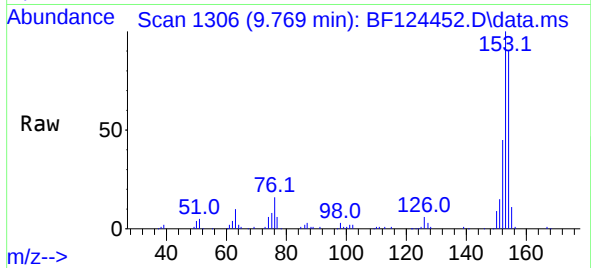
Instrument :
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293-347DL

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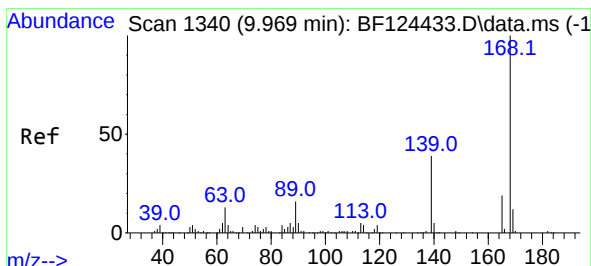
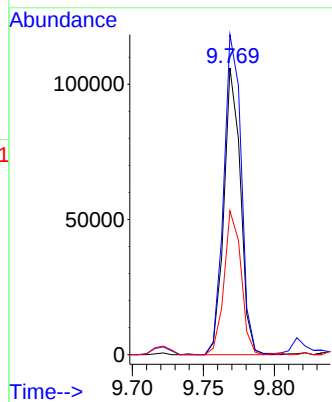
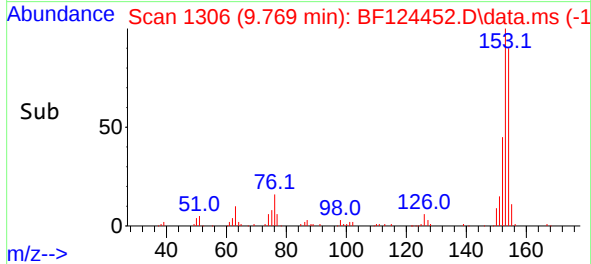
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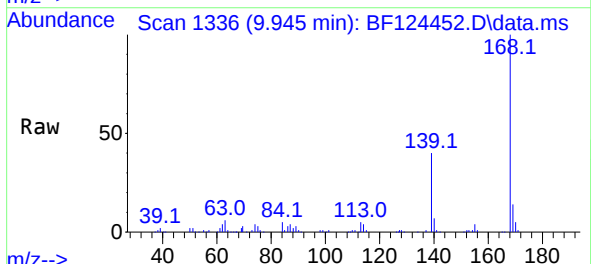
#52
Acenaphthene
Concen: 19.663 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



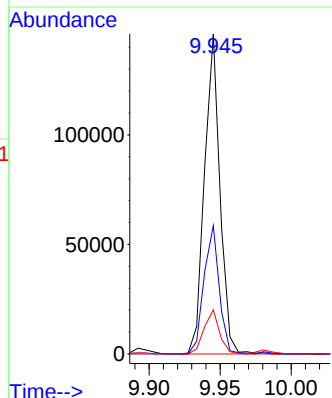
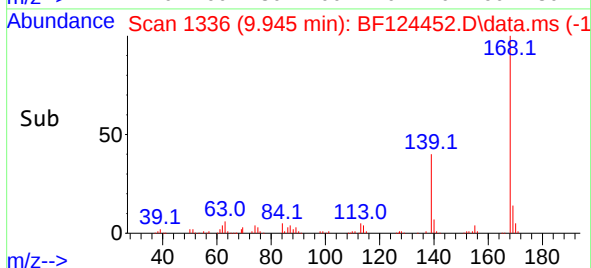
Tgt Ion:154 Resp: 86132
Ion Ratio Lower Upper
154 100
153 111.6 88.1 132.1
152 50.2 43.4 65.0



#55
Dibenzofuran
Concen: 15.908 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



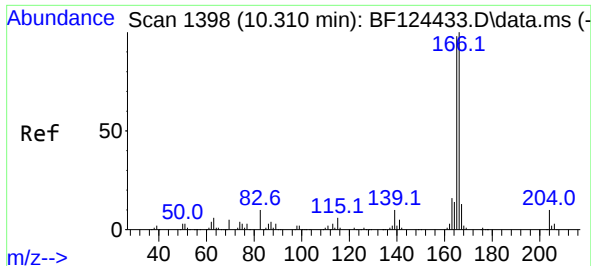
Tgt Ion:168 Resp: 111066
Ion Ratio Lower Upper
168 100
139 40.1 33.2 49.8
169 13.8 10.8 16.2



Instrument :
BNA_F
ClientSampleID :
293-347DL

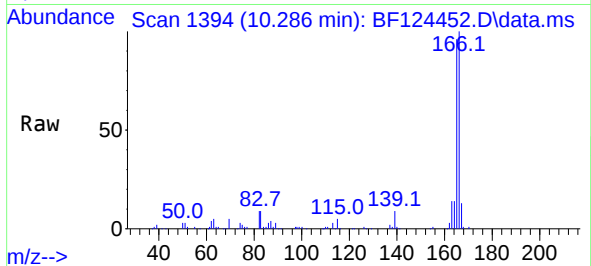
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6/28/2021 1:24:09 PM



#58
Fluorene
Concen: 20.235 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

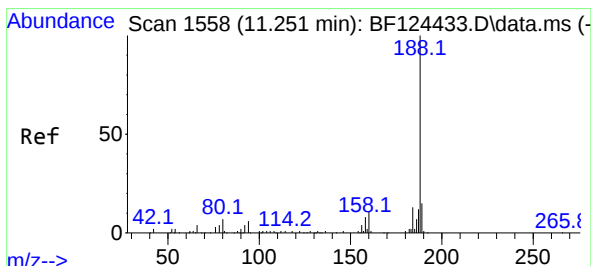
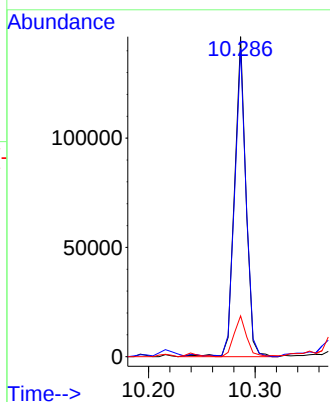
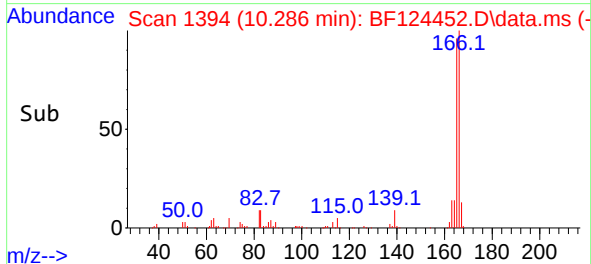
Instrument :
BNA_F
ClientSampleID :
293-347DL



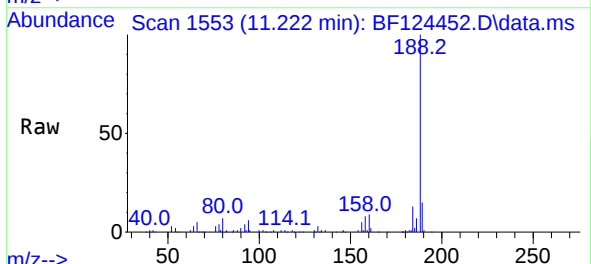
Tgt Ion:166 Resp: 108556
Ion Ratio Lower Upper
166 100
165 96.4 73.5 110.3
167 12.8 10.7 16.1

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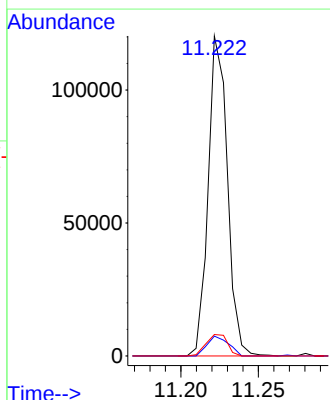
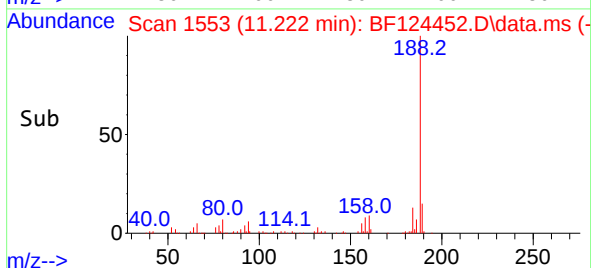
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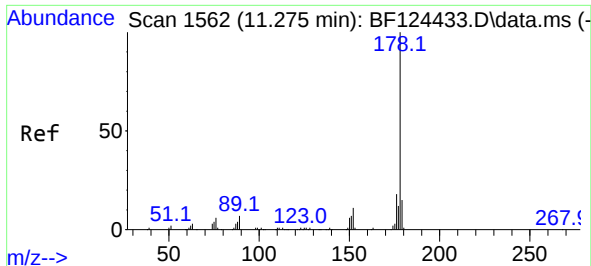


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



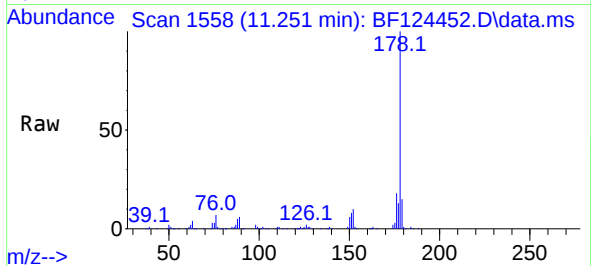
Tgt Ion:188 Resp: 103772
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 6.7 8.2 12.2#





#71
Phenanthrene
Concen: 51.713 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

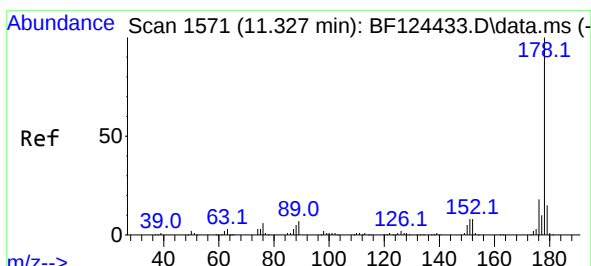
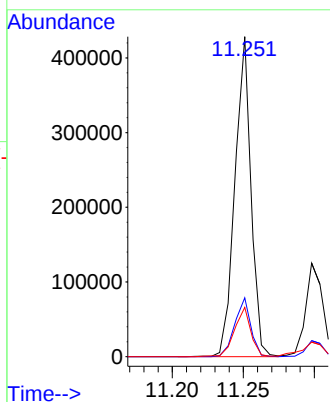
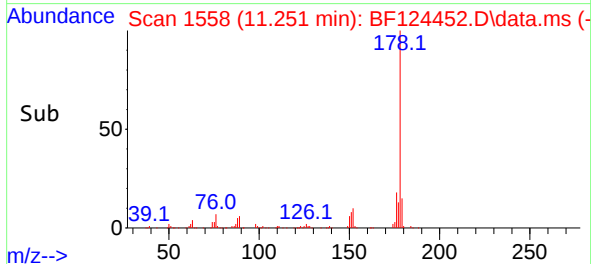
Instrument :
BNA_F
ClientSampleID :
293-347DL



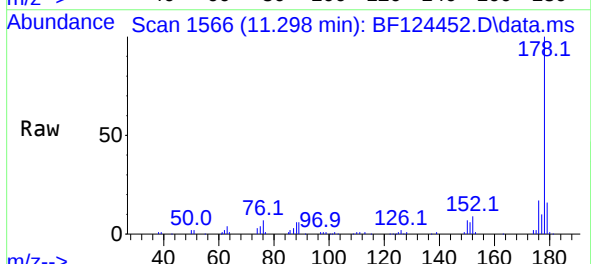
Tgt Ion:178 Resp: 338284
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 15.4 12.5 18.7

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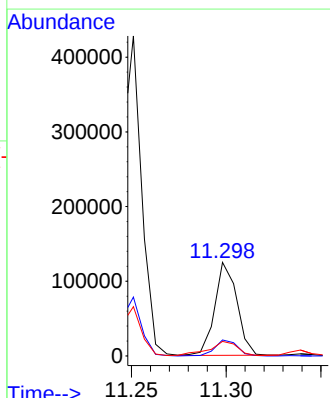
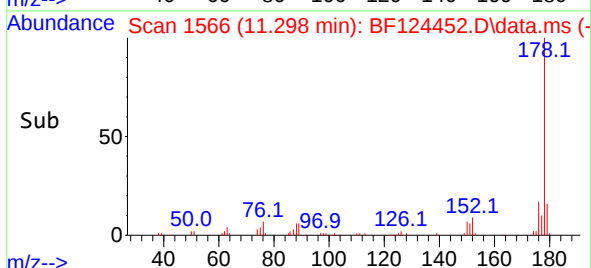
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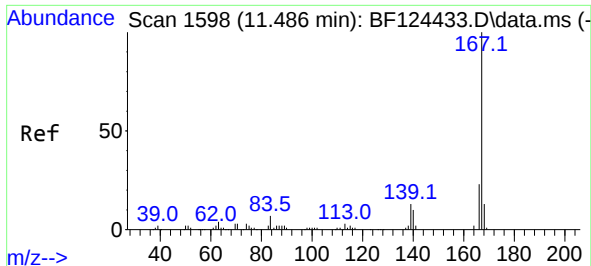


#72
Anthracene
Concen: 15.628 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



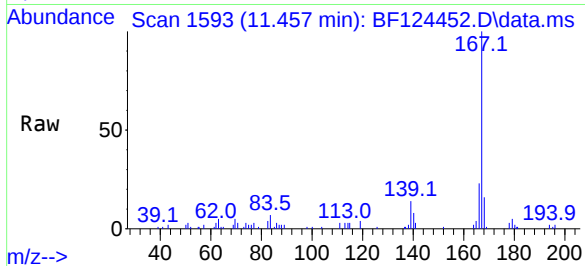
Tgt Ion:178 Resp: 101861
Ion Ratio Lower Upper
178 100
176 17.1 15.4 23.0
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 5.166 ng
 RT: 11.457 min Scan# 1593
 Delta R.T. -0.006 min
 Lab File: BF124452.D
 Acq: 25 Jun 2021 15:06

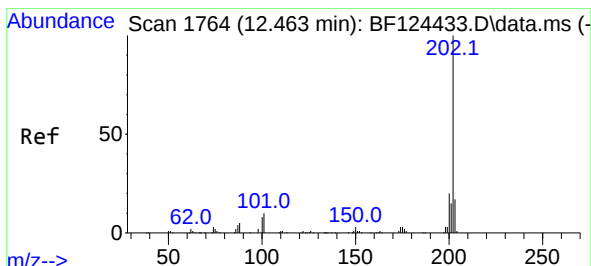
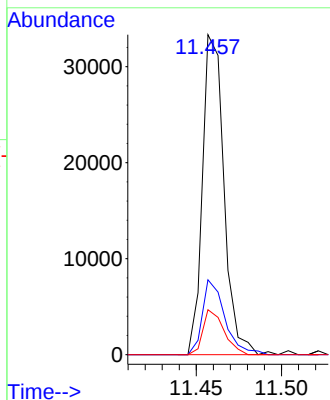
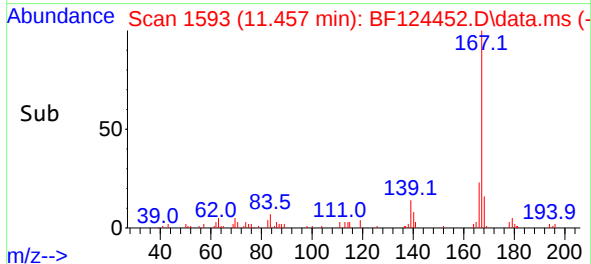
Instrument :
 BNA_F
 ClientSampleID :
 293-347DL



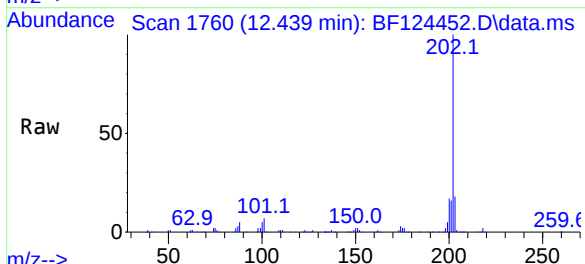
Tgt Ion:167 Resp: 29345
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.0 25.6
 139 14.0 10.4 15.6

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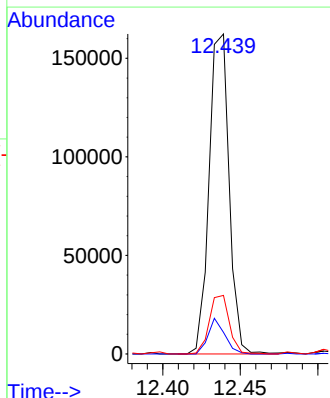
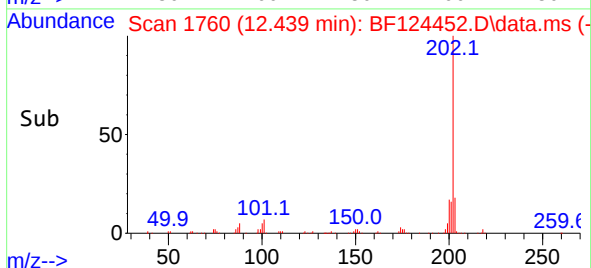
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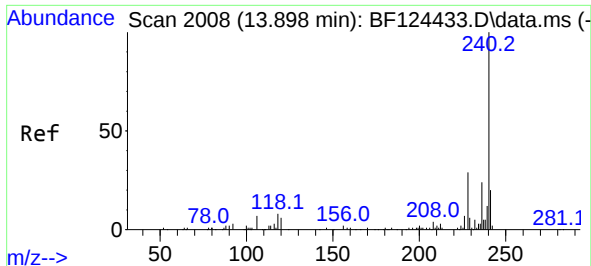


#75
 Fluoranthene
 Concen: 22.229 ng
 RT: 12.439 min Scan# 1760
 Delta R.T. 0.000 min
 Lab File: BF124452.D
 Acq: 25 Jun 2021 15:06



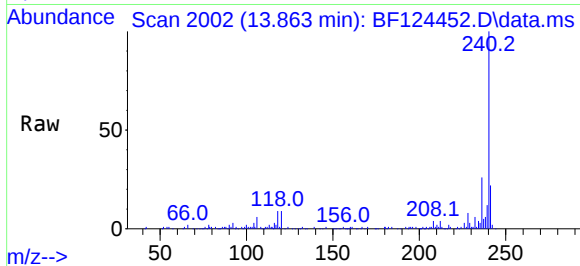
Tgt Ion:202 Resp: 146331
 Ion Ratio Lower Upper
 202 100
 101 6.8 0.0 30.9
 203 18.3 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

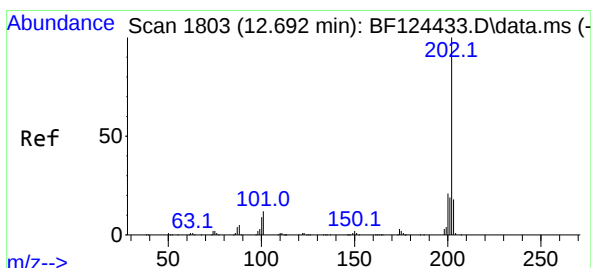
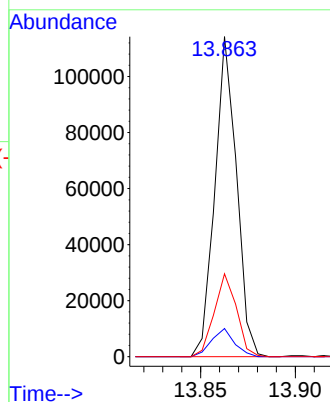
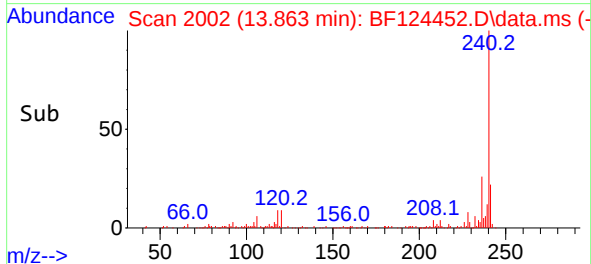
Instrument :
BNA_F
ClientSampleID :
293-347DL



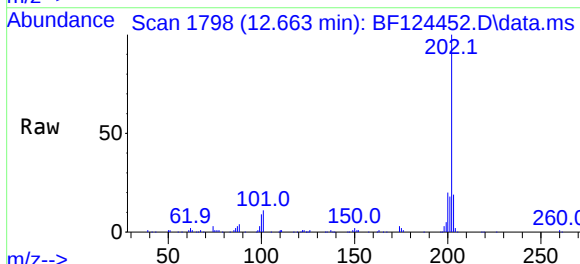
Tgt Ion:240 Resp: 90624
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 25.9 19.0 28.4

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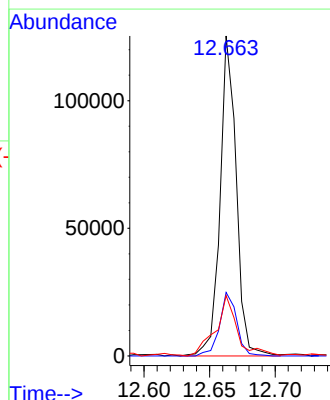
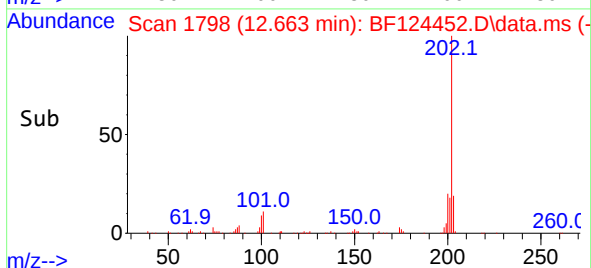
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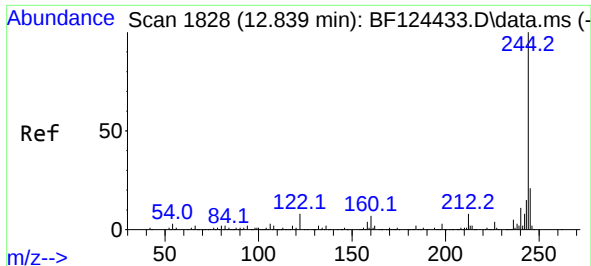


#78
Pyrene
Concen: 12.979 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

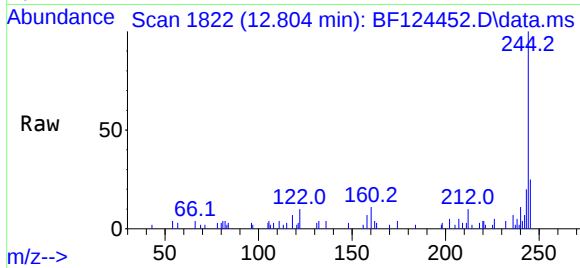


Tgt Ion:202 Resp: 107368
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 18.8 14.8 22.2

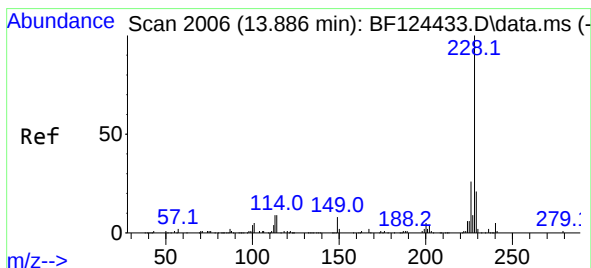
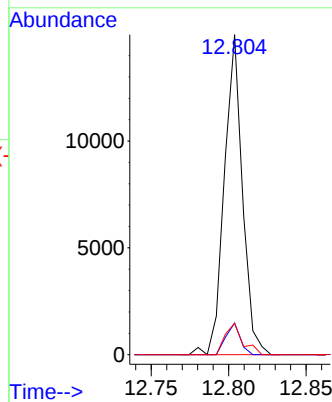
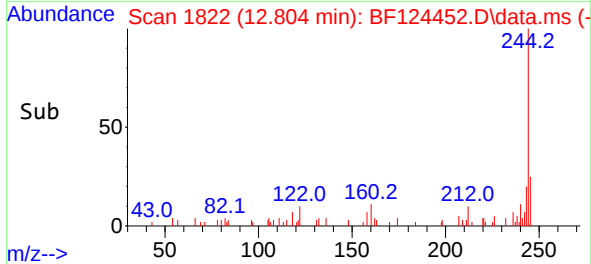




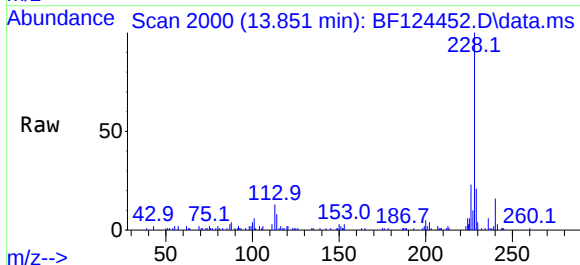
#79
Terphenyl-d14
Concen: 2.010 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



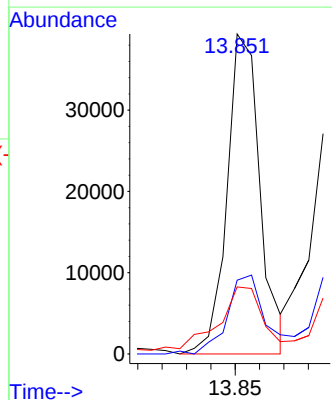
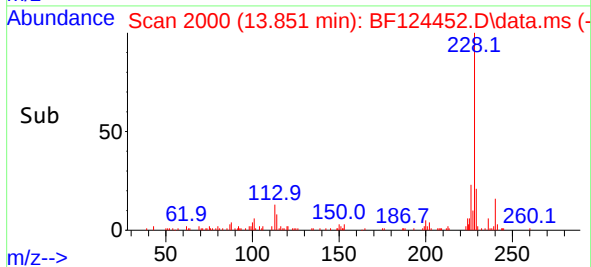
Tgt Ion:244 Resp: 12163
Ion Ratio Lower Upper
244 100
212 9.9 5.7 8.5#
122 9.8 9.7 14.5



#81
Benzo(a)anthracene
Concen: 5.680 ng
RT: 13.851 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



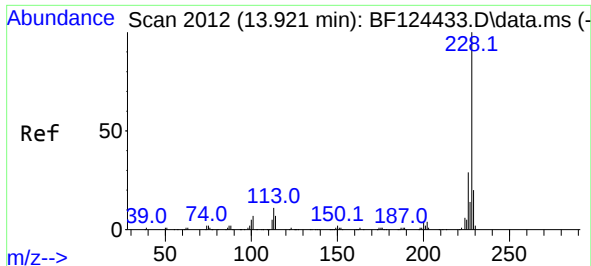
Tgt Ion:228 Resp: 37112
Ion Ratio Lower Upper
228 100
226 23.1 22.4 33.6
229 21.0 16.0 24.0



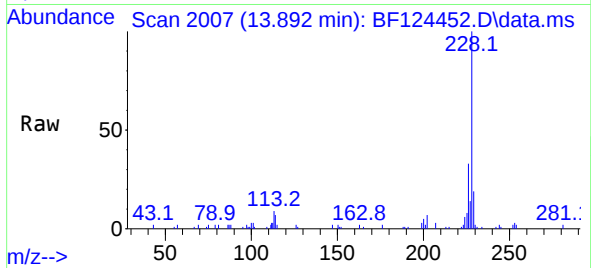
Instrument :
BNA_F
ClientSampleID :
293-347DL

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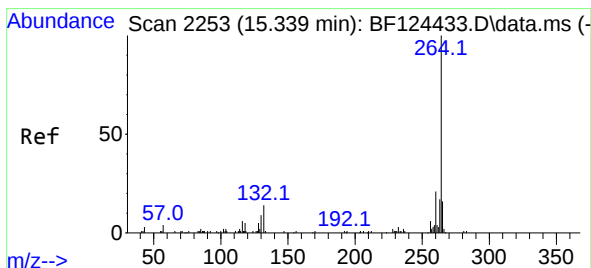
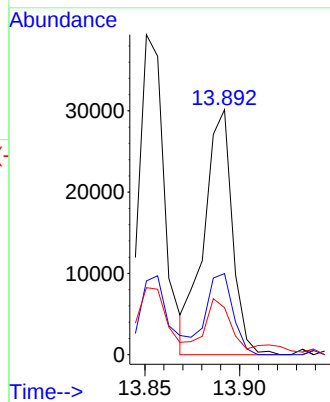
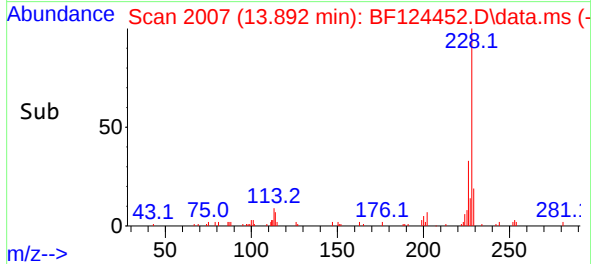
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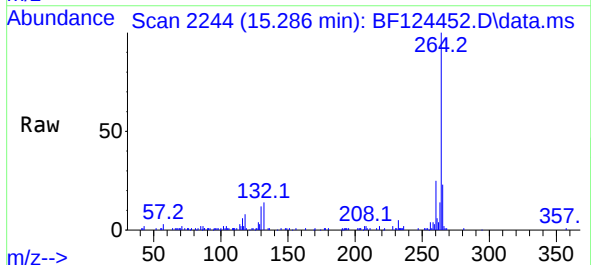
#83
Chrysene
Concen: 4.868 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



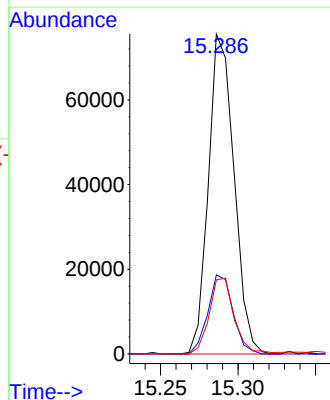
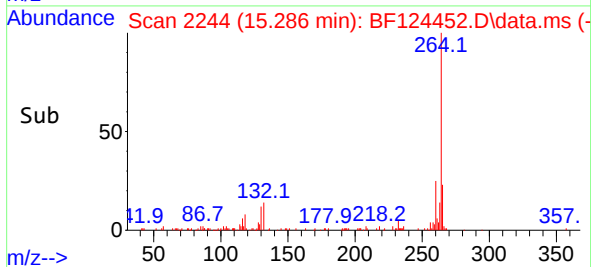
Tgt Ion:228 Resp: 31517
Ion Ratio Lower Upper
228 100
226 33.1 24.3 36.5
229 19.2 16.2 24.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



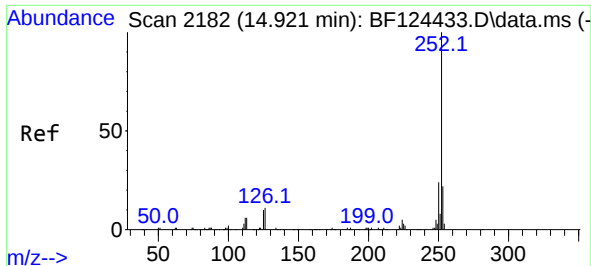
Tgt Ion:264 Resp: 86719
Ion Ratio Lower Upper
264 100
260 24.7 18.7 28.1
265 23.2 17.8 26.8



Instrument :
BNA_F
ClientSampleID :
293-347DL

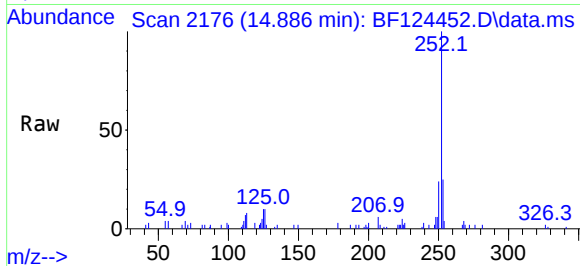
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#88
Benzo(b)fluoranthene
Concen: 4.753 ng m
RT: 14.886 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06

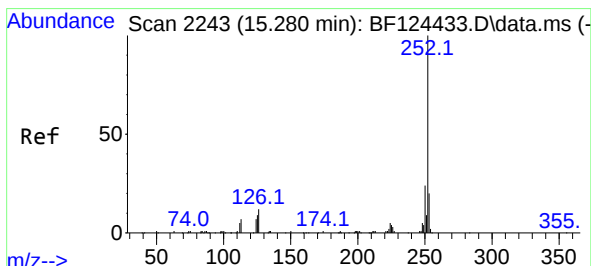
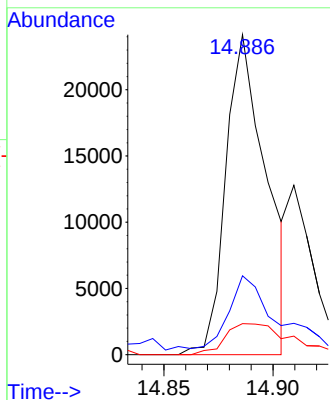
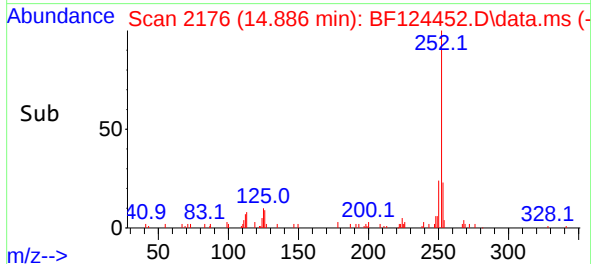
Instrument :
BNA_F
ClientSampleId :
293-347DL



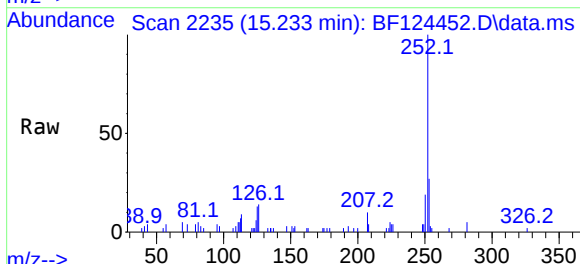
Tgt Ion:252 Resp: 31232
Ion Ratio Lower Upper
252 100
253 24.6 18.1 27.1
125 9.7 6.2 9.4#

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#90
Benzo(a)pyrene
Concen: 3.504 ng
RT: 15.233 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BF124452.D
Acq: 25 Jun 2021 15:06



Tgt Ion:252 Resp: 20461
Ion Ratio Lower Upper
252 100
253 27.2 18.4 27.6
125 12.9 8.0 12.0#

