

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124656.D
 Acq On : 21 Jul 2021 6:57
 Operator : JU/CG
 Sample : M3069-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071621

Manual Integrations
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 7/21/2021 11:42:47 AM

Quant Time: Jul 21 07:26:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6625	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	23725	20.000	ng	-0.02
39) Acenaphthene-d10	9.945	164	10844	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	16408	20.000	ng	-0.01
76) Chrysene-d12	14.074	240	10375	20.000	ng	-0.01
86) Perylene-d12	15.568	264	7867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	7218	18.877	ng	-0.02
7) Phenol-d6	6.516	99	7563	16.259	ng	-0.03
23) Nitrobenzene-d5	7.457	82	4586	12.202	ng	-0.03
42) 2,4,6-Tribromophenol	10.727	330	1084	12.846	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	9254	12.444	ng	-0.02
79) Terphenyl-d14	13.015	244	7426	12.019	ng	-0.02
Target Compounds						Qvalue
52) Acenaphthene	9.980	154	2466	3.827	ng	96
55) Dibenzofuran	10.151	168	2259	2.385	ng	92
58) Fluorene	10.492	166	3380	4.613	ng	# 91
71) Phenanthrene	11.463	178	34989	39.087	ng	98
72) Anthracene	11.510	178	12353	13.755	ng	97
75) Fluoranthene	12.657	202	59499	65.879	ng	97
78) Pyrene	12.880	202	49301	57.195	ng	99
81) Benzo(a)anthracene	14.068	228	20188	29.340	ng	98
83) Chrysene	14.104	228	16645	25.252	ng	92
87) Indeno(1,2,3-cd)pyrene	17.062	276	6585	14.433	ng	96
88) Benzo(b)fluoranthene	15.127	252	17918m	31.732	ng	
89) Benzo(k)fluoranthene	15.151	252	6200m	11.967	ng	
90) Benzo(a)pyrene	15.504	252	12159m	26.086	ng	
92) Benzo(g,h,i)perylene	17.521	276	5574	14.701	ng	# 90

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

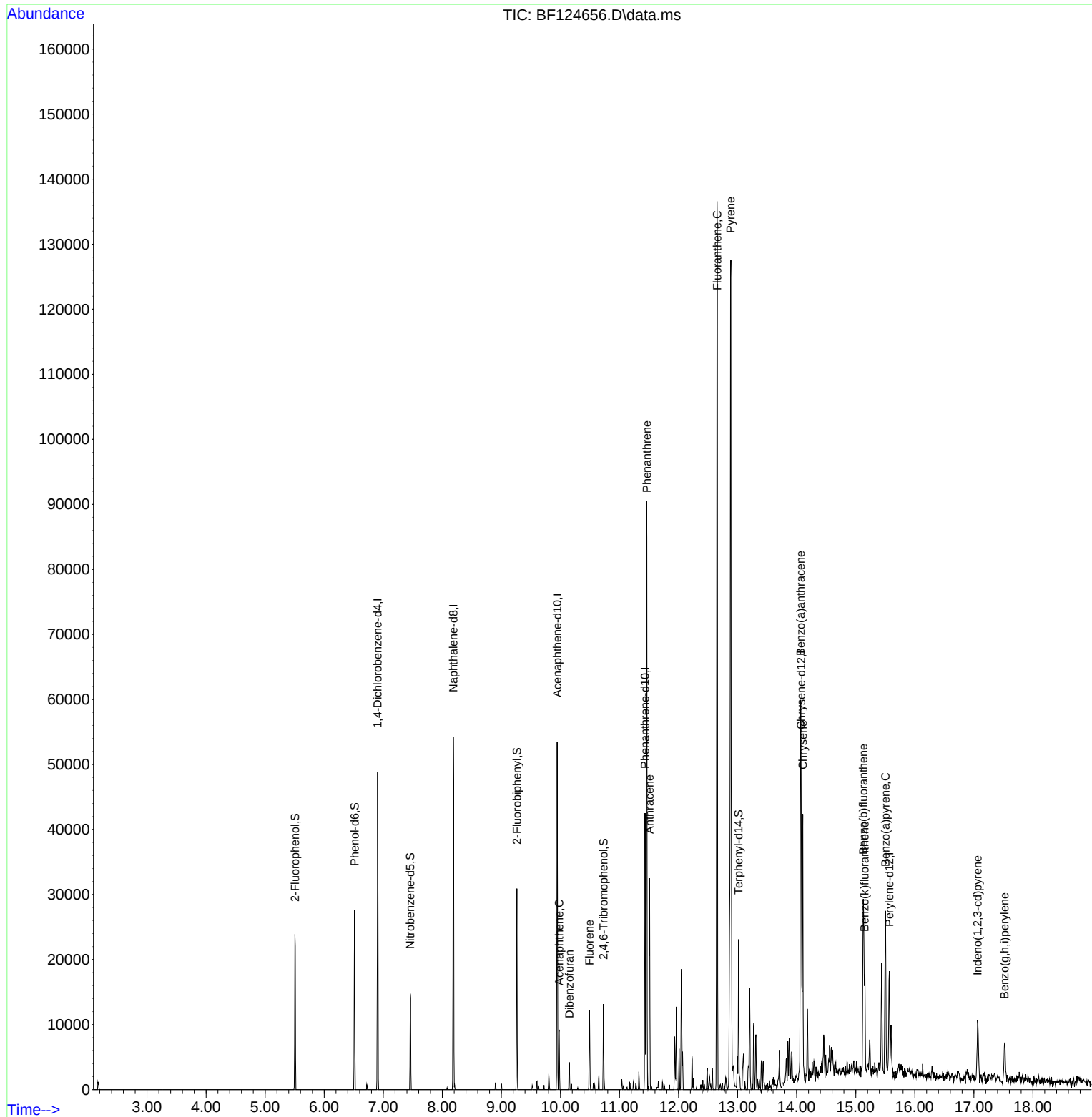
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124656.D
Acq On : 21 Jul 2021 6:57
Operator : JU/CG
Sample : M3069-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

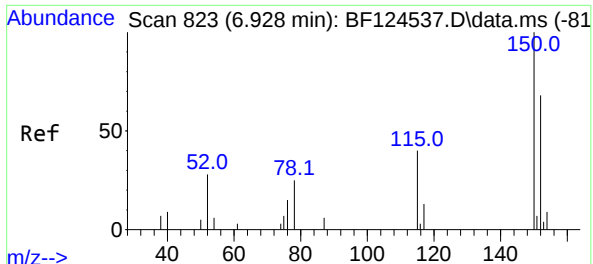
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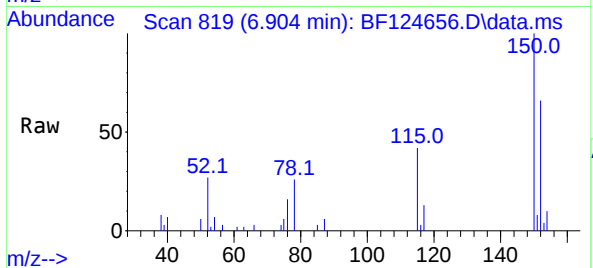
Quant Time: Jul 21 07:26:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

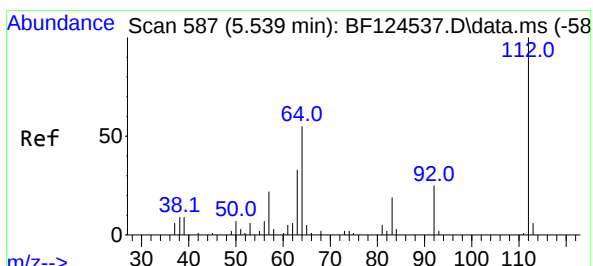
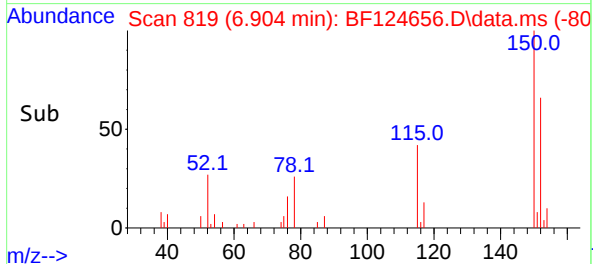
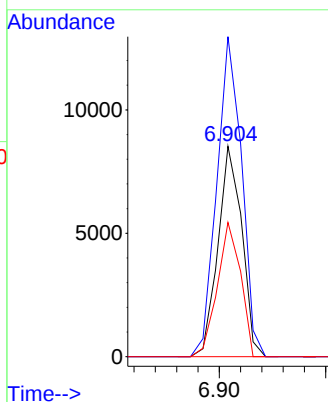
Instrument :
BNA_F
ClientSampled :
CL-01-071621



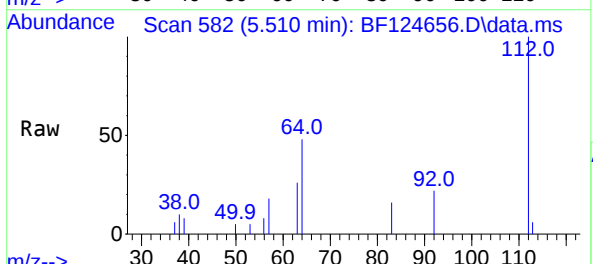
Tgt Ion:152 Resp: 6625
Ion Ratio Lower Upper
152 100
150 152.1 117.6 176.4
115 63.8 47.1 70.7

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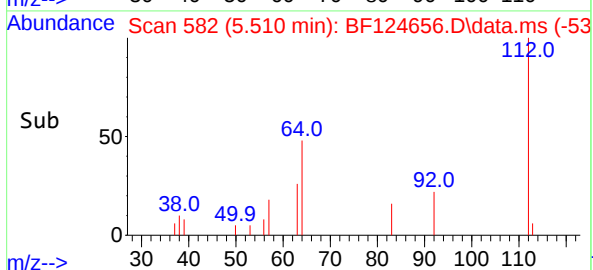
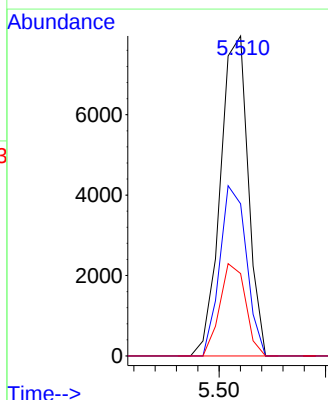
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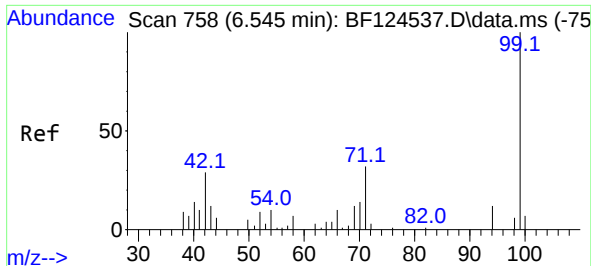


#5
2-Fluorophenol
Concen: 18.877 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.023 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57



Tgt Ion:112 Resp: 7218
Ion Ratio Lower Upper
112 100
64 47.6 44.2 66.2
63 25.7 26.2 39.2#





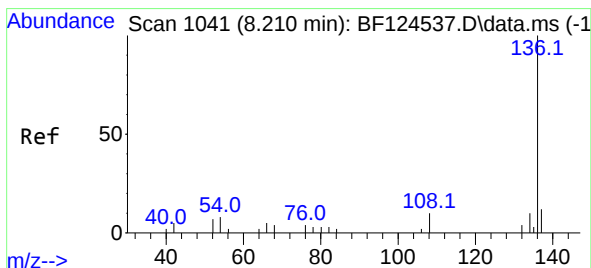
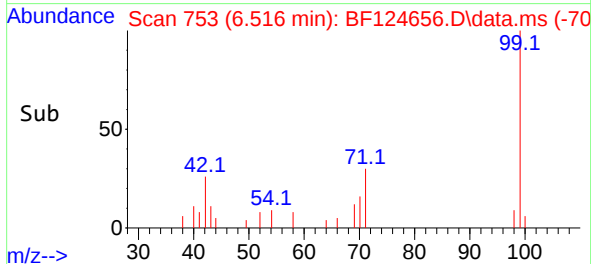
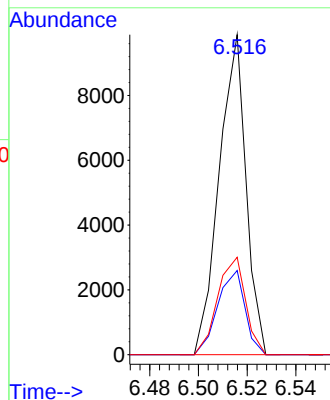
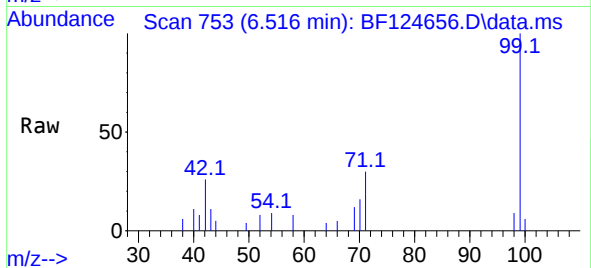
#7
Phenol-d6
Concen: 16.259 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

Tgt Ion:	99	Resp:	7563
Ion	Ratio	Lower	Upper
99	100		
42	26.3	23.5	35.3
71	30.5	25.6	38.4

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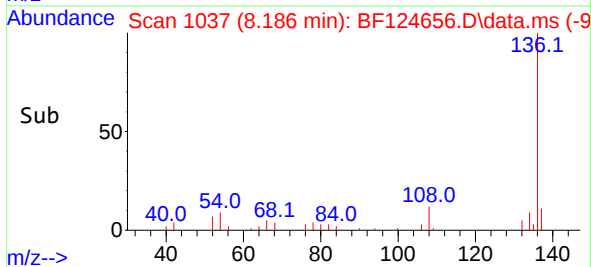
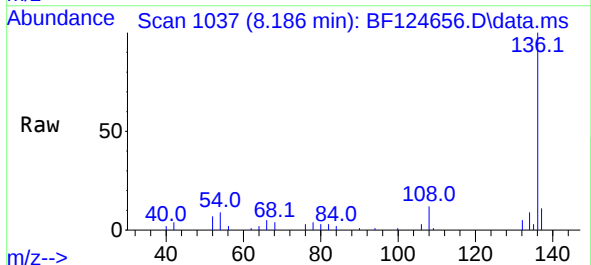
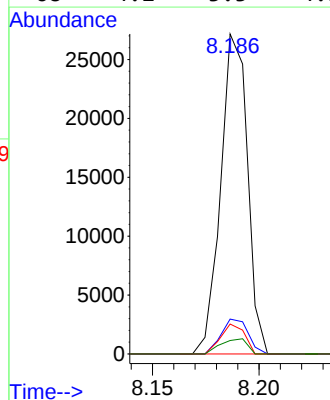
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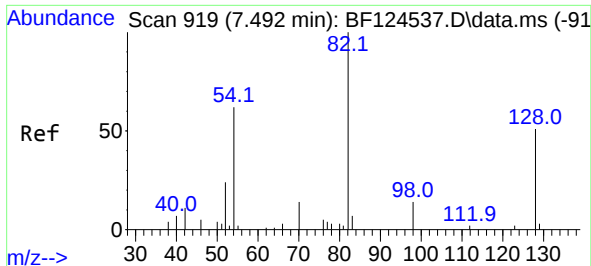
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

Tgt Ion:	136	Resp:	23725
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.4	6.4	9.6
68	4.2	3.3	4.9





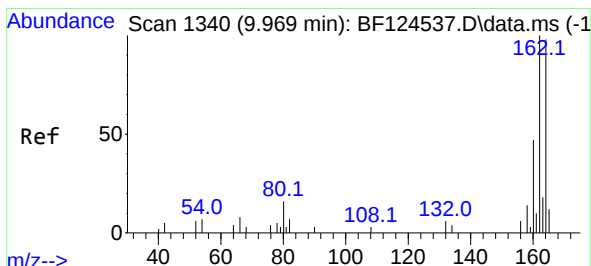
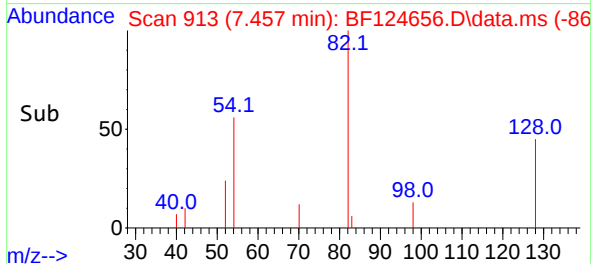
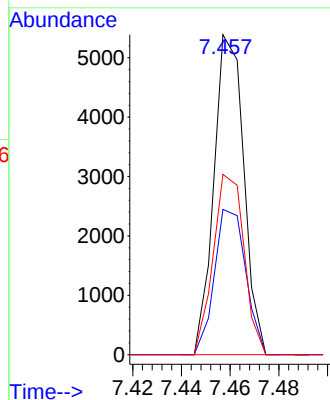
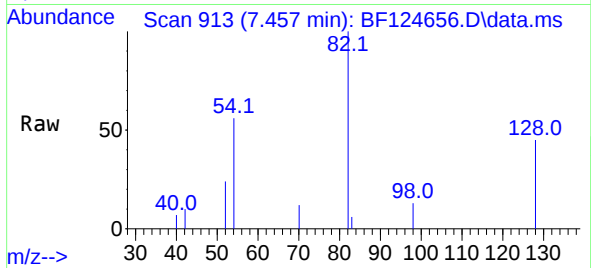
#23
Nitrobenzene-d5
Concen: 12.202 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.029 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

Tgt Ion:	82	Resp:	4586
Ion	Ratio	Lower	Upper
82	100		
128	45.4	40.6	60.8
54	56.3	49.6	74.4

Instrument :
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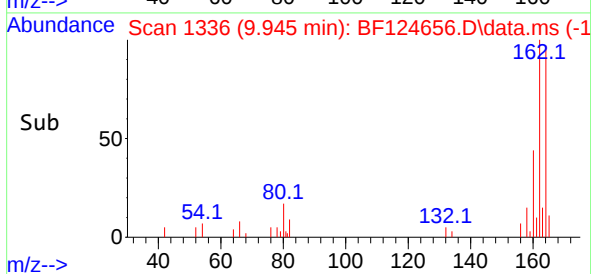
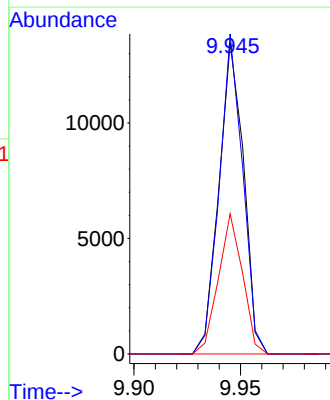
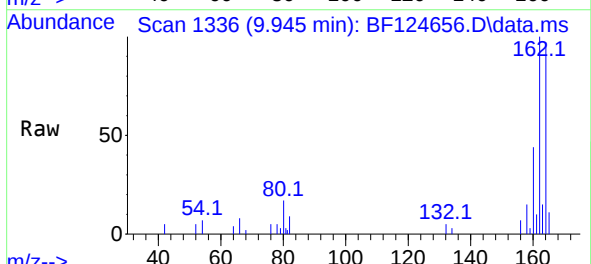
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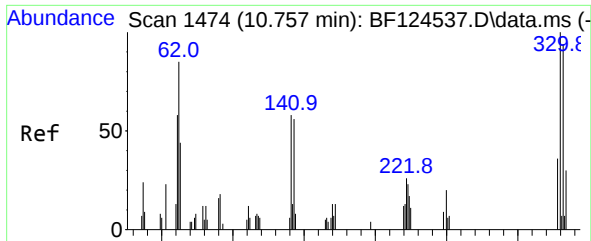
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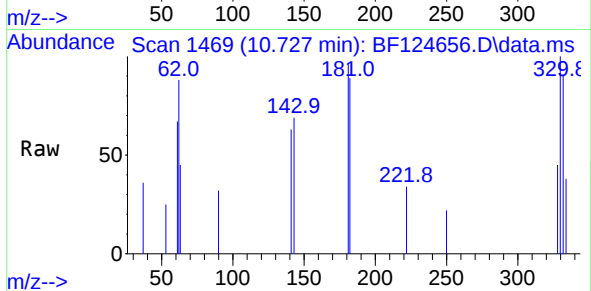
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

Tgt Ion:	164	Resp:	10844
Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.3	121.9
160	45.0	38.0	57.0

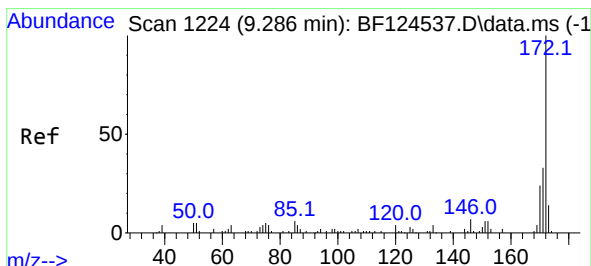
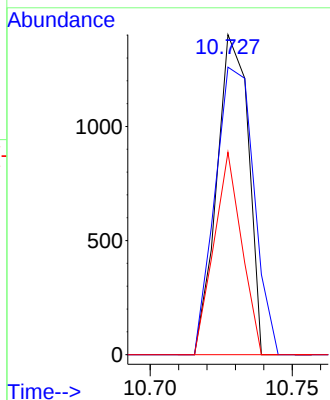
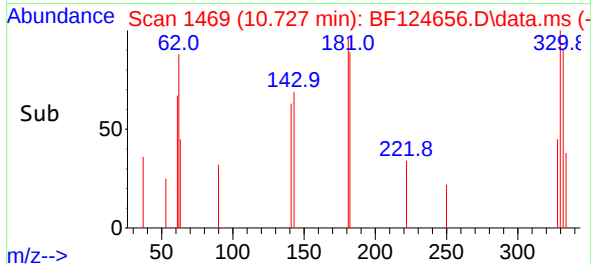




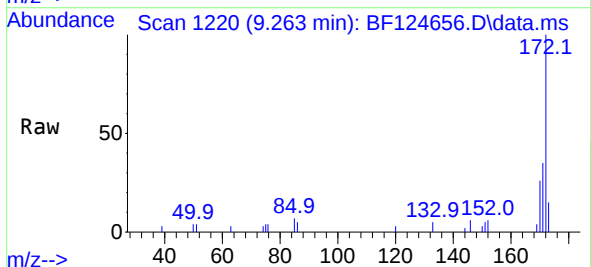
#42
2,4,6-Tribromophenol
Concen: 12.846 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.023 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57



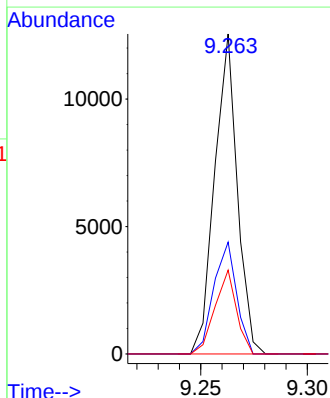
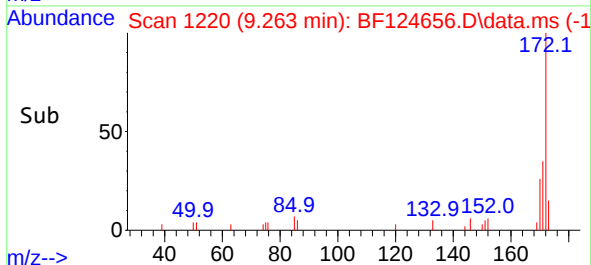
Tgt Ion: 330 Resp: 1084
Ion Ratio Lower Upper
330 100
332 110.1 76.2 114.4
141 55.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 12.444 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57



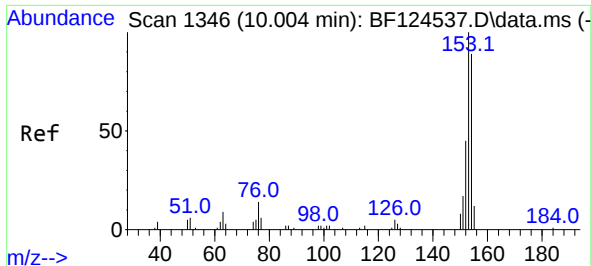
Tgt Ion: 172 Resp: 9254
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 26.2 18.8 28.2



Instrument :
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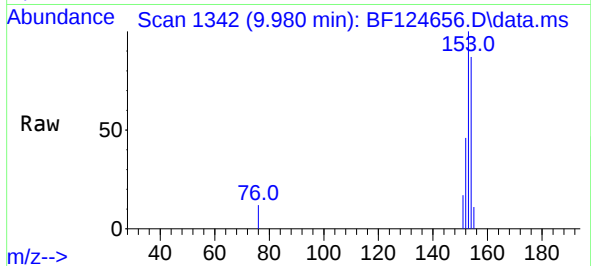
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#52
Acenaphthene
Concen: 3.827 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.018 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

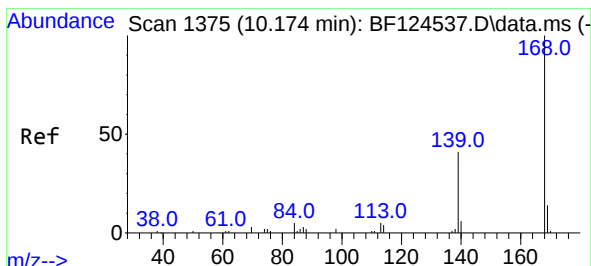
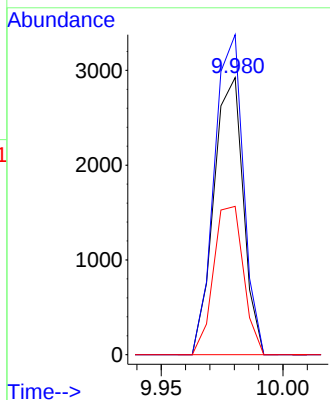
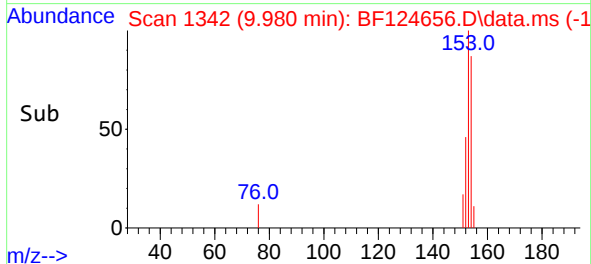
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BNA_F
ClientSampleId :
CL-01-071621



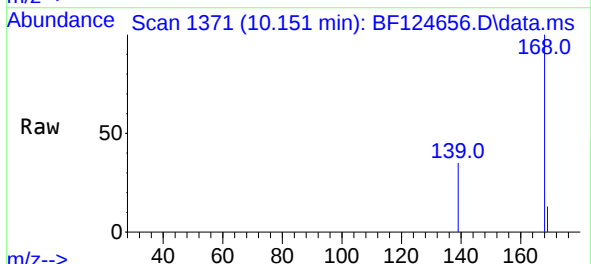
Tgt Ion:154 Resp: 2466
Ion Ratio Lower Upper
154 100
153 115.5 89.4 134.2
152 53.5 40.5 60.7

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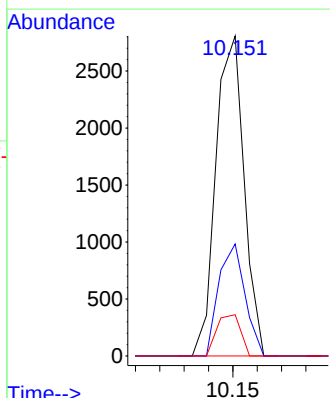
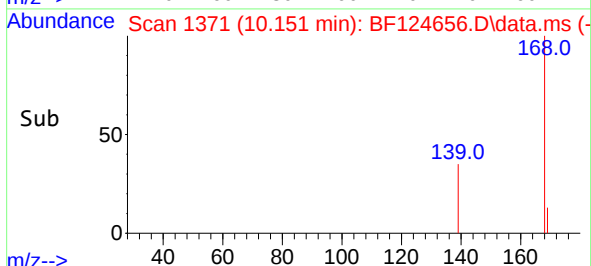
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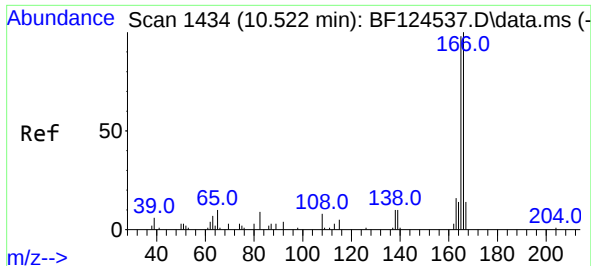


#55
Dibenzofuran
Concen: 2.385 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.018 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57



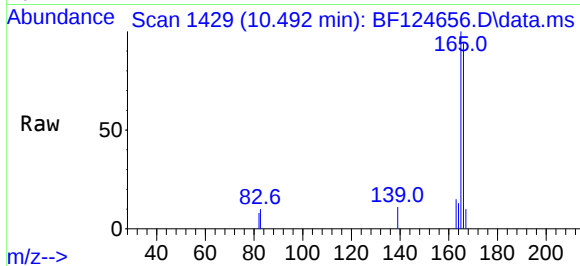
Tgt Ion:168 Resp: 2259
Ion Ratio Lower Upper
168 100
139 35.0 32.7 49.1
169 12.9 11.2 16.8





#58
Fluorene
Concen: 4.613 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.018 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

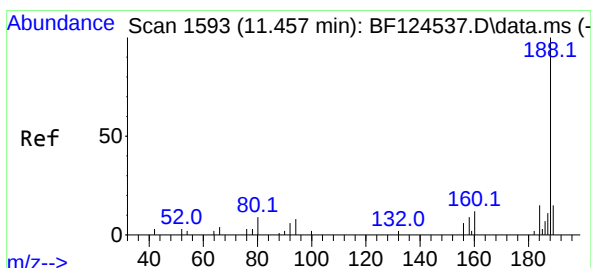
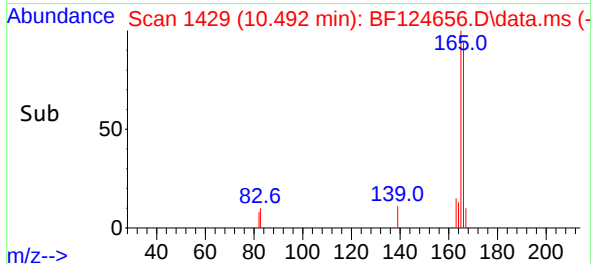
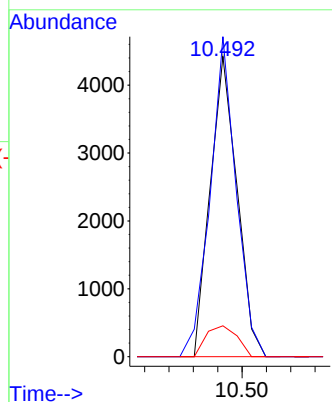
Instrument :
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Tgt Ion:166 Resp: 3380
Ion Ratio Lower Upper
166 100
165 106.5 78.1 117.1
167 10.3 11.1 16.7#

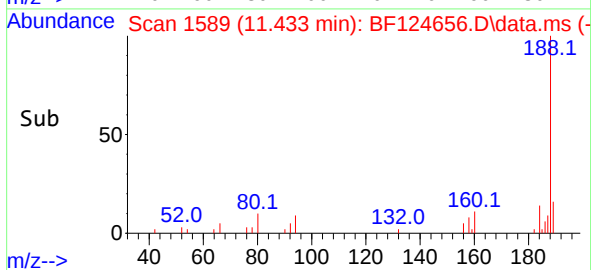
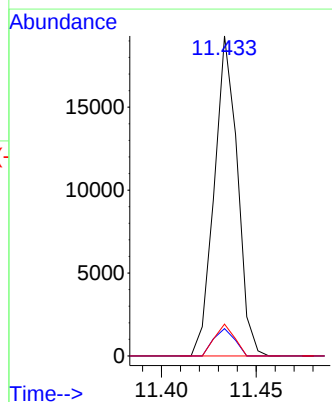
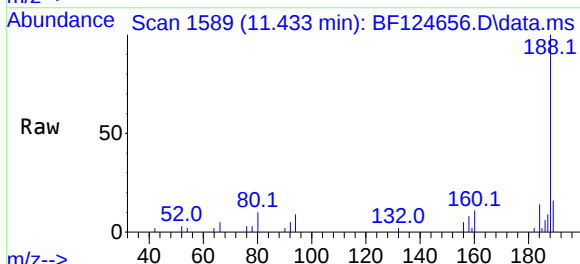
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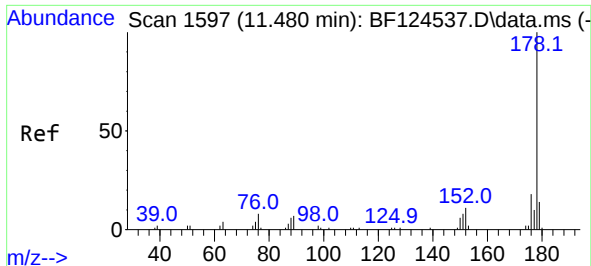
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

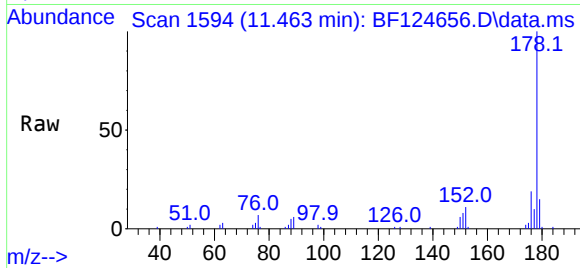
Tgt Ion:188 Resp: 16408
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.9 7.5 11.3





#71
Phenanthrene
Concen: 39.087 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

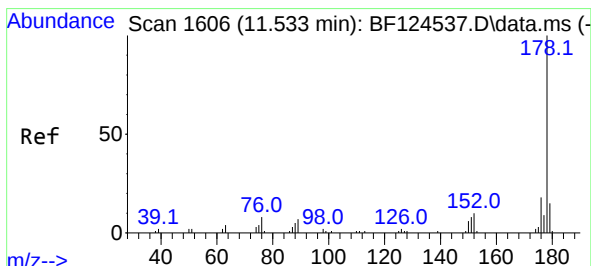
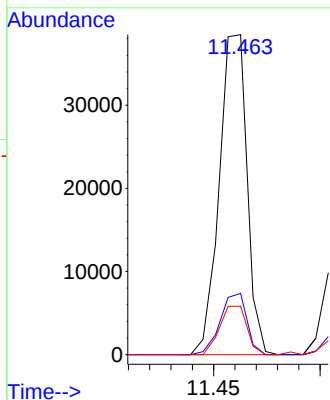
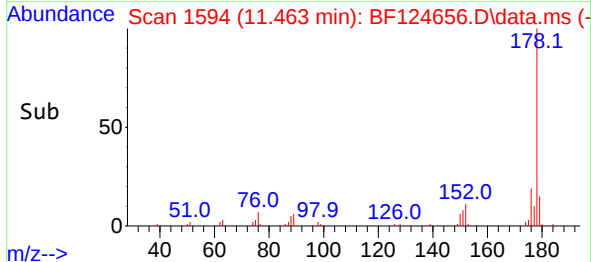
Instrument :
BNA_F
ClientSampled :
CL-01-071621



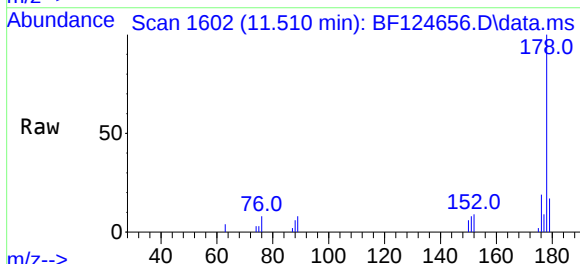
Tgt Ion:178 Resp: 34989
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.2 11.5 17.3

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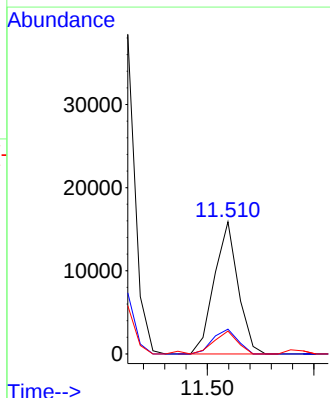
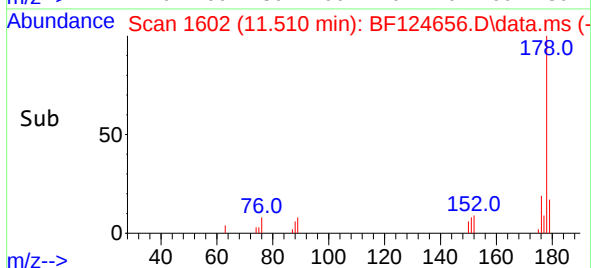
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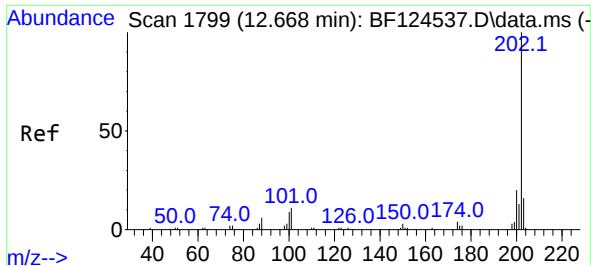


#72
Anthracene
Concen: 13.755 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BF124656.D
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Tgt Ion:178 Resp: 12353
Ion Ratio Lower Upper
178 100
176 18.8 14.3 21.5
179 17.3 12.2 18.4





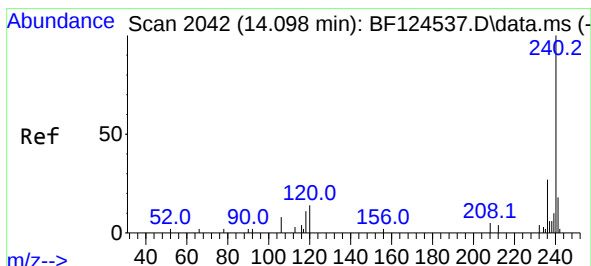
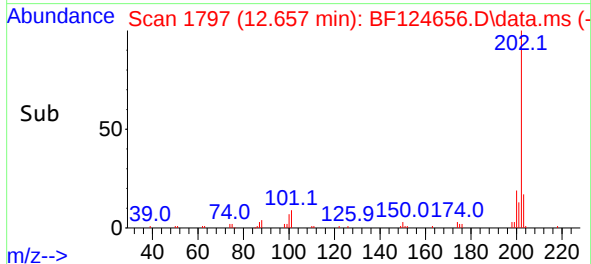
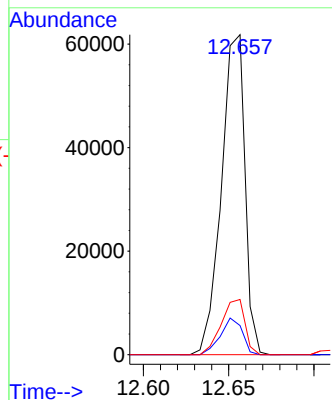
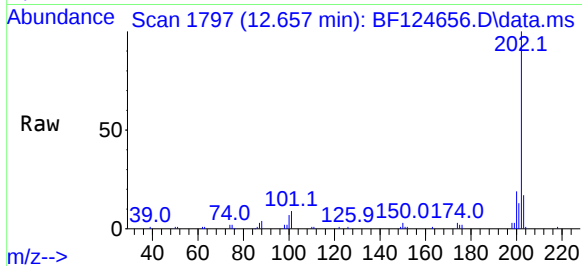
#75
Fluoranthene
Concen: 65.879 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

Tgt Ion:	202	Resp:	59499
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	30.7
203	17.2	0.0	36.3

Instrument :
BNA_F
ClientSampleId :
CL-01-071621

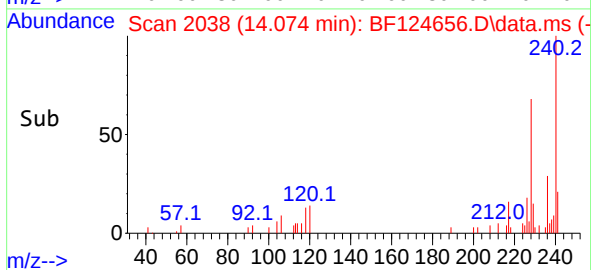
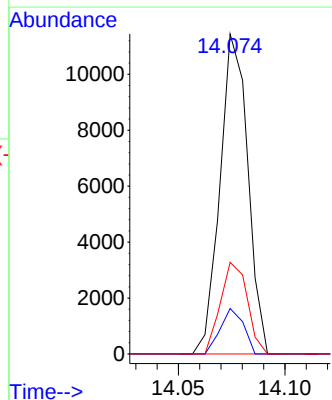
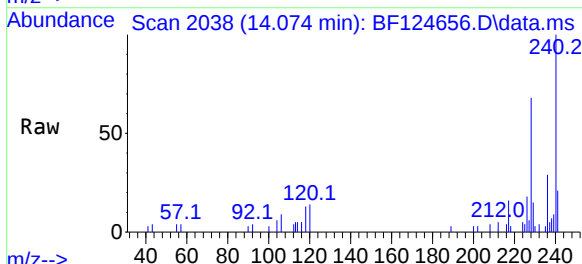
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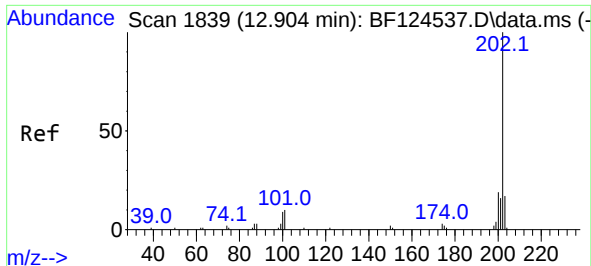
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

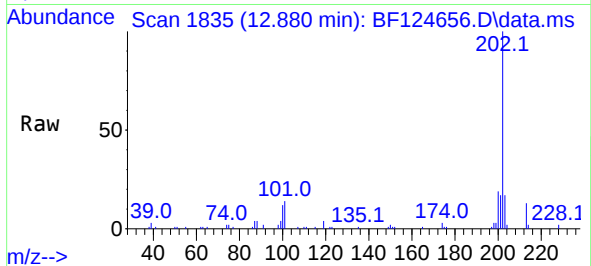
Tgt Ion:	240	Resp:	10375
Ion Ratio	Lower	Upper	
240	100		
120	14.2	10.8	16.2
236	28.7	21.6	32.4





#78
Pyrene
Concen: 57.195 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

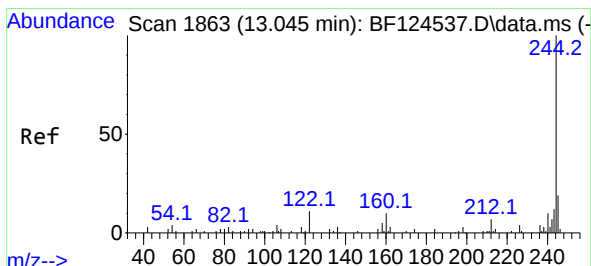
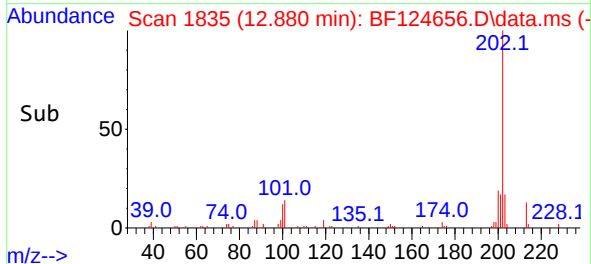
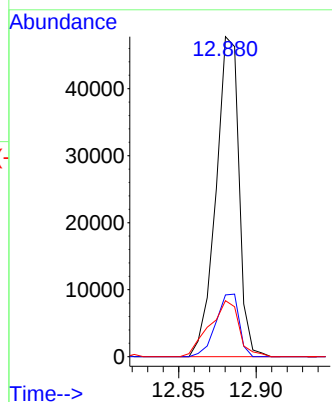
Instrument :
BNA_F
ClientSampleId :
CL-01-071621



Tgt Ion:202 Resp: 49301
Ion Ratio Lower Upper
202 100
200 19.3 15.3 22.9
203 17.5 13.4 20.0

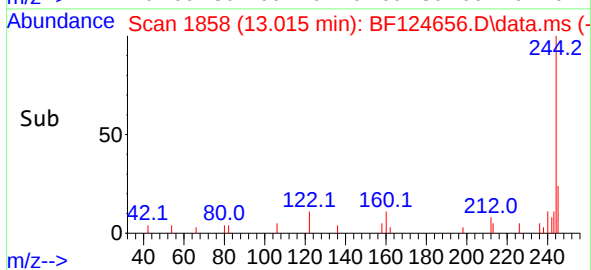
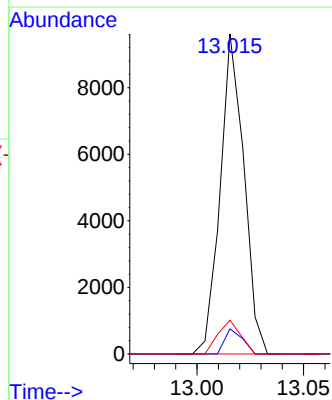
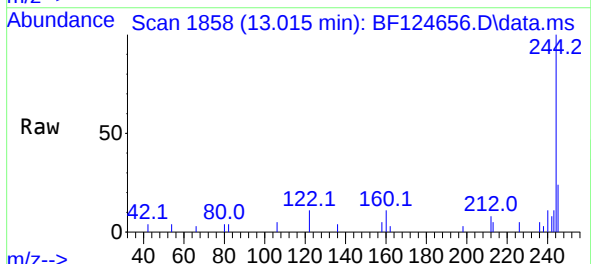
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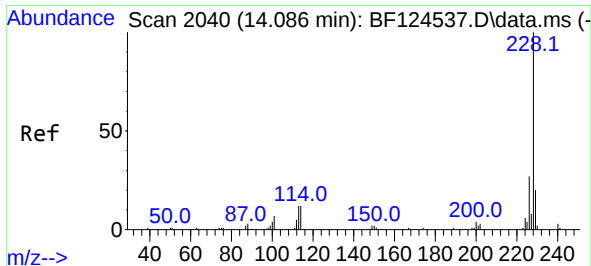
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#79
Terphenyl-d14
Concen: 12.019 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

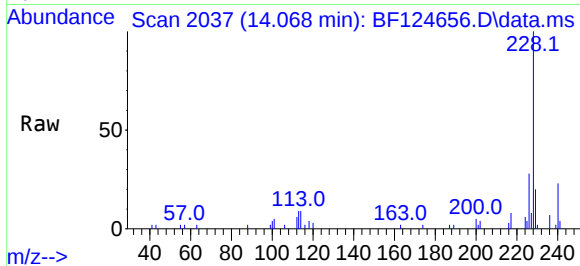
Tgt Ion:244 Resp: 7426
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.6 9.0 13.4





#81
Benzo(a)anthracene
Concen: 29.340 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

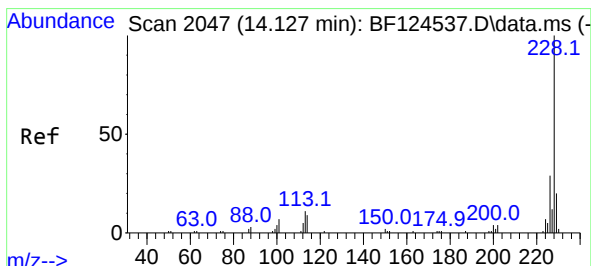
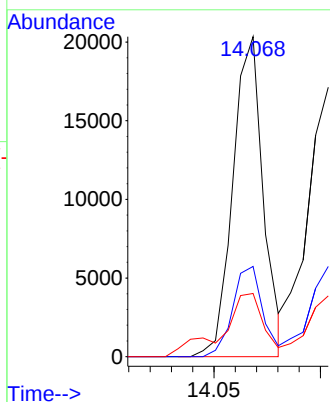
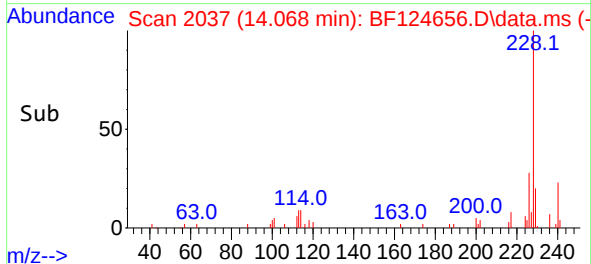
Instrument :
BNA_F
ClientSampled :
CL-01-071621



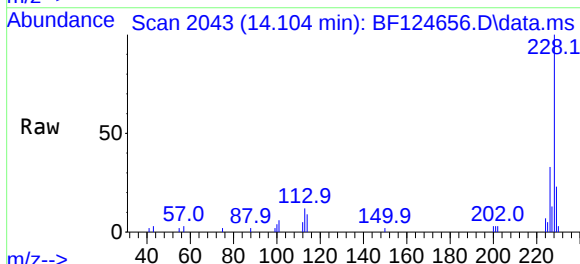
Tgt Ion:228 Resp: 20188
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 19.8 15.6 23.4

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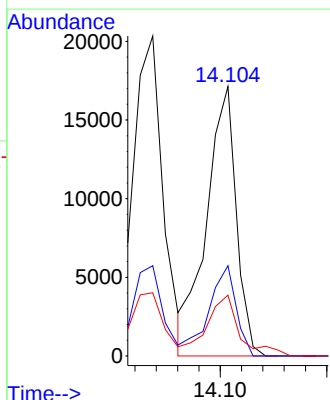
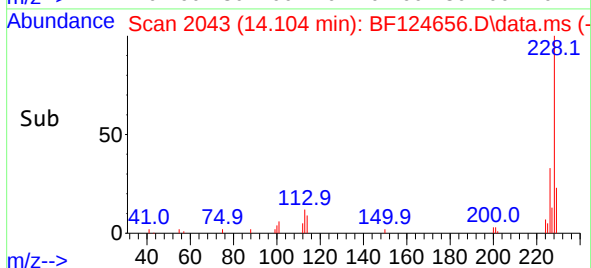
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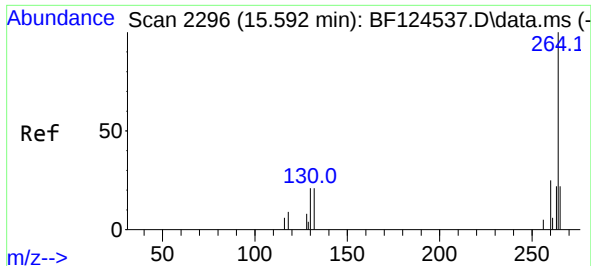


#83
Chrysene
Concen: 25.252 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

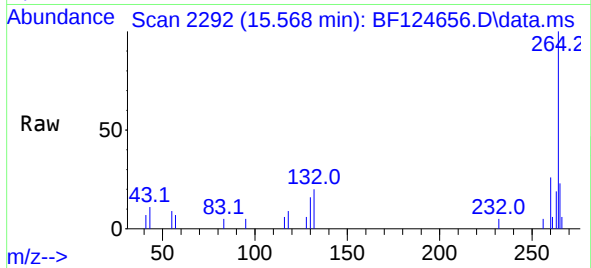


Tgt Ion:228 Resp: 16645
Ion Ratio Lower Upper
228 100
226 33.5 22.6 34.0
229 22.6 15.9 23.9

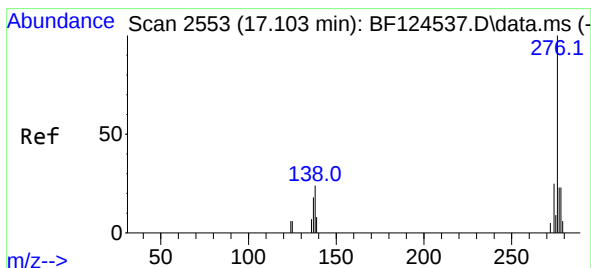
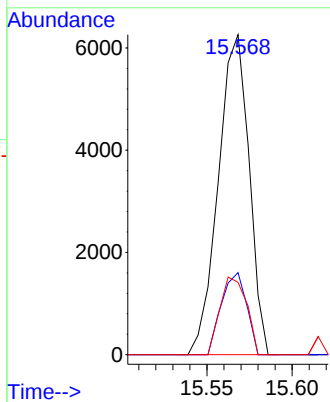
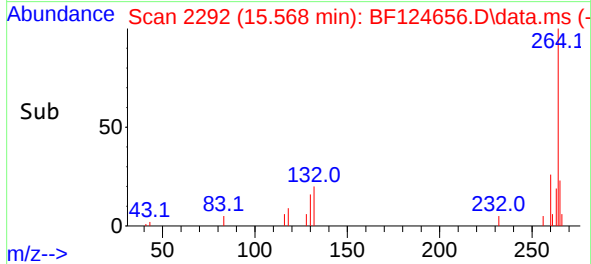




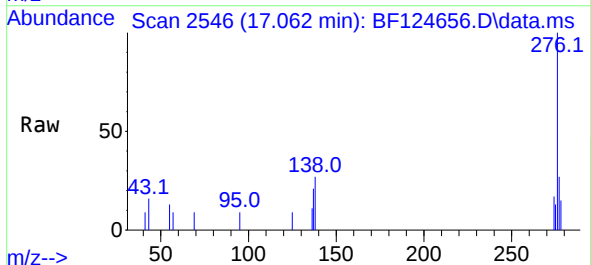
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57



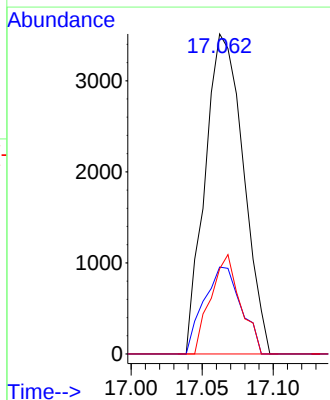
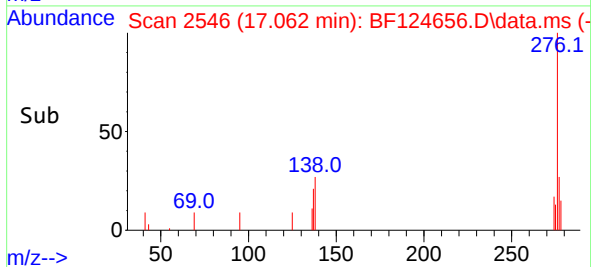
Tgt Ion: 264 Resp: 7867
Ion Ratio Lower Upper
264 100
260 25.6 19.6 29.4
265 22.6 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 14.433 ng
RT: 17.062 min Scan# 2546
Delta R.T. -0.018 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57



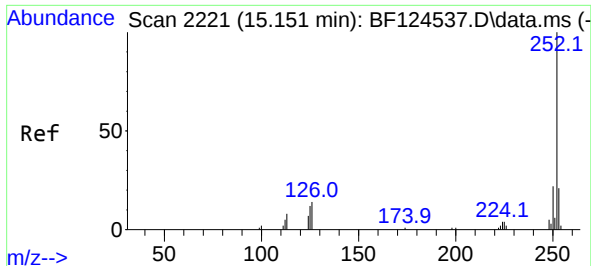
Tgt Ion: 276 Resp: 6585
Ion Ratio Lower Upper
276 100
138 26.5 24.1 36.1
277 24.1 18.8 28.2



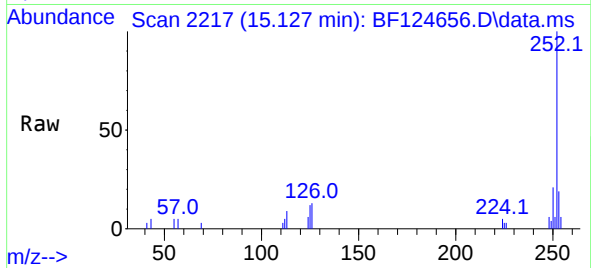
Instrument :
BNA_F
ClientSampled :
CL-01-071621

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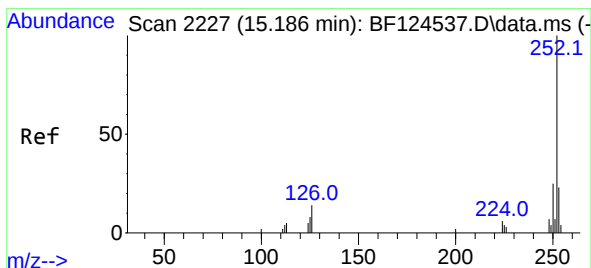
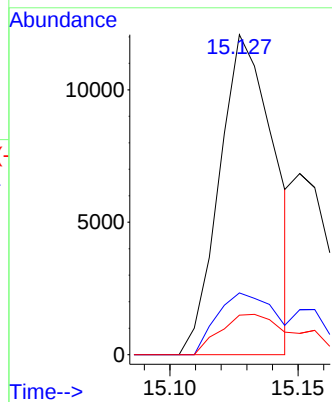
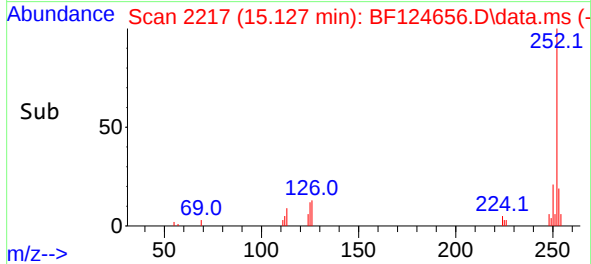
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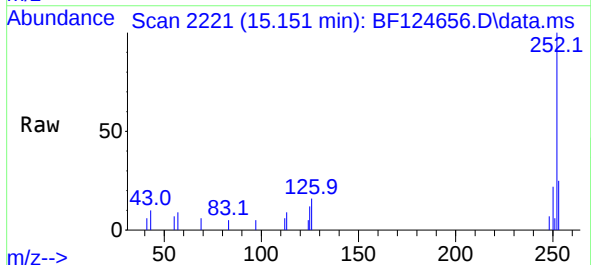
#88
Benzo(b)fluoranthene
Concen: 31.732 ng m
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57



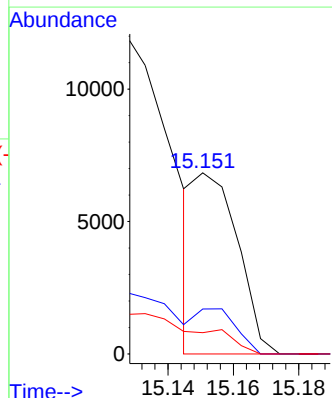
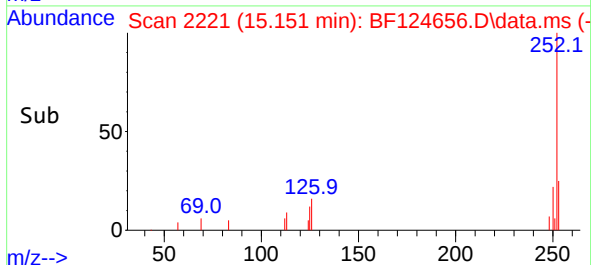
Tgt Ion:252 Resp: 17918
Ion Ratio Lower Upper
252 100
253 19.3 16.8 25.2
125 12.4 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 11.967 ng m
RT: 15.151 min Scan# 2221
Delta R.T. -0.018 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57



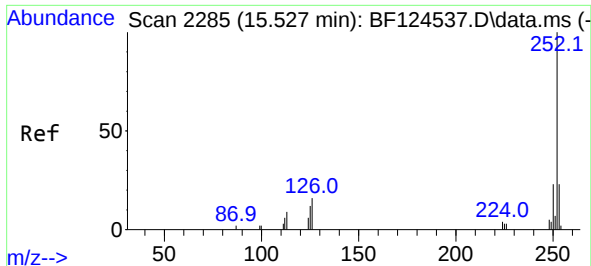
Tgt Ion:252 Resp: 6200
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 11.8 7.2 10.8#



Instrument :
BNA_F
ClientSampleId :
CL-01-071621

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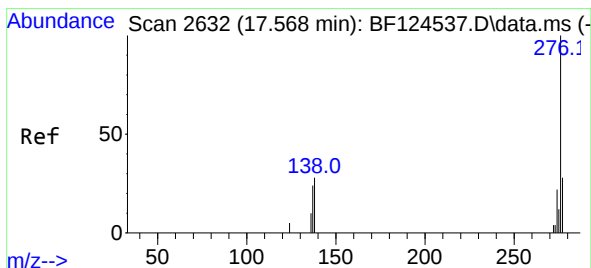
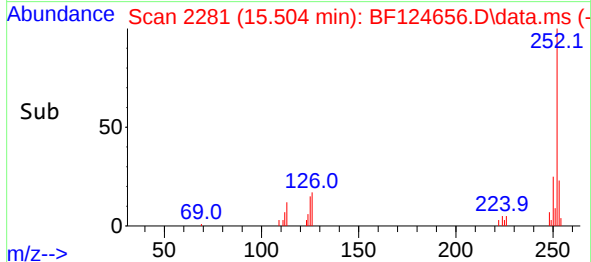
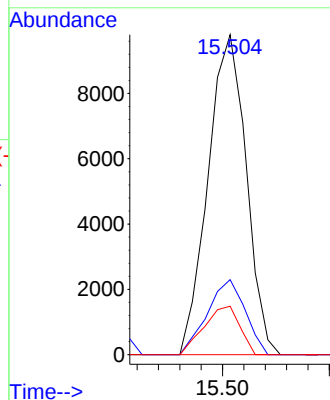
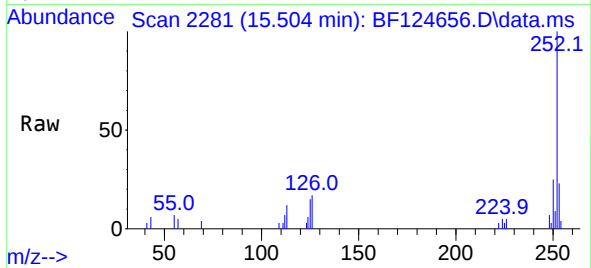
#90
Benzo(a)pyrene
Concen: 26.086 ng m
RT: 15.504 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

Tgt Ion:	252	Resp:	12159
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.4	27.6
125	15.2	9.9	14.9#

Instrument :
BNA_F
ClientSampleId :
CL-01-071621

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#92
Benzo(g,h,i)perylene
Concen: 14.701 ng
RT: 17.521 min Scan# 2624
Delta R.T. -0.023 min
Lab File: BF124656.D
Acq: 21 Jul 2021 6:57

Tgt Ion:	276	Resp:	5574
Ion Ratio	Lower	Upper	
276	100		
277	21.9	22.0	33.0#
138	23.3	22.2	33.4

