

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124650.D
 Acq On : 21 Jul 2021 3:40
 Operator : JU/CG
 Sample : M3047-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-020-ABCD

Manual Integrations
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mohammad
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Quant Time: Jul 21 04:22:32 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	6803	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	24335	20.000	ng	#-0.02
39) Acenaphthene-d10	9.945	164	10598	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	15534	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	11524	20.000	ng	-0.02
86) Perylene-d12	15.562	264	7853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	17924	45.648	ng	-0.02
7) Phenol-d6	6.516	99	20933	43.824	ng	-0.03
23) Nitrobenzene-d5	7.463	82	12567	32.600	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	3145	38.134	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	25577	35.193	ng	-0.02
79) Terphenyl-d14	13.016	244	19930	29.041	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	12.645	202	3473	4.062	ng	94
78) Pyrene	12.874	202	4816	5.030	ng	# 94
81) Benzo(a)anthracene	14.063	228	3836	5.019	ng	95
83) Chrysene	14.098	228	3734m	5.100	ng	
88) Benzo(b)fluoranthene	15.121	252	4447m	7.889	ng	
89) Benzo(k)fluoranthene	15.145	252	1271m	2.458	ng	
90) Benzo(a)pyrene	15.492	252	3575	7.684	ng	# 91
92) Benzo(g,h,i)perylene	17.509	276	1519	4.013	ng	# 72

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

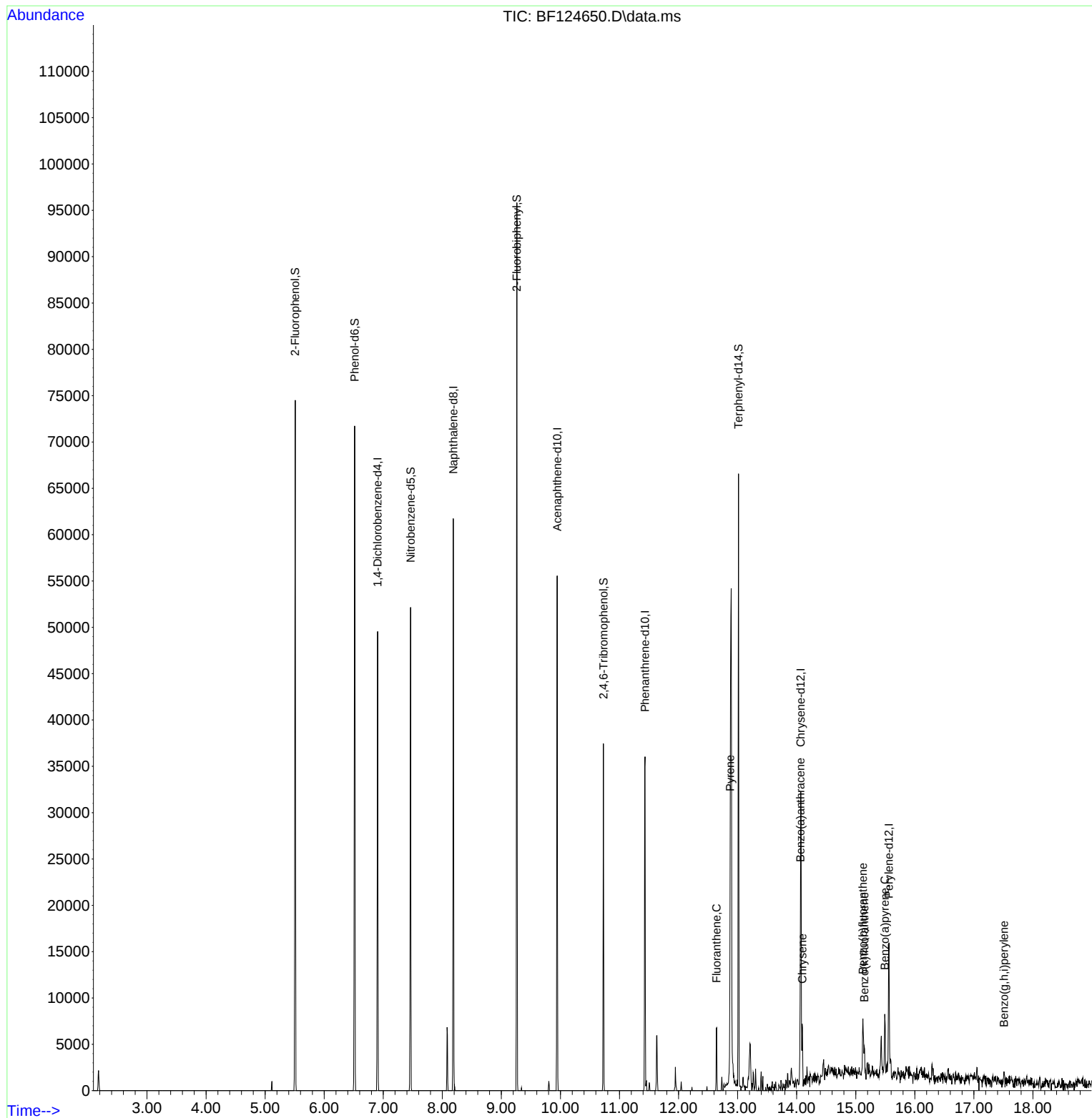
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124650.D
Acq On : 21 Jul 2021 3:40
Operator : JU/CG
Sample : M3047-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

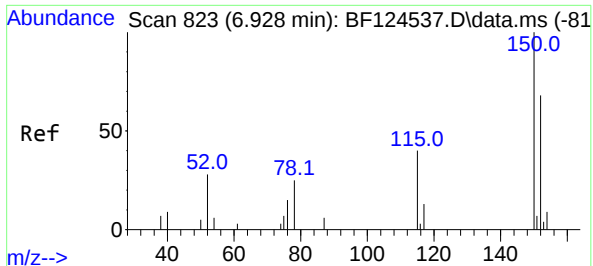
Instrument :
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ClientSampleId :
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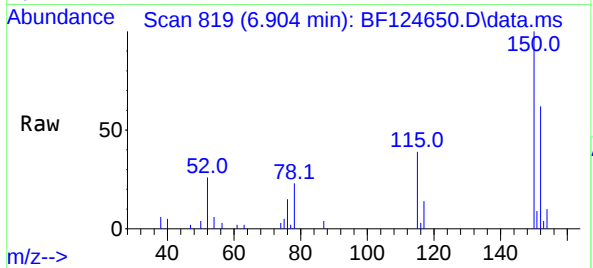
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Quant Time: Jul 21 04:22:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration

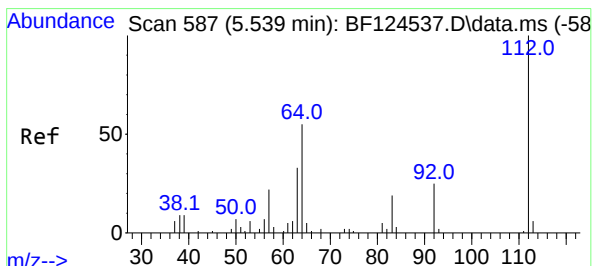
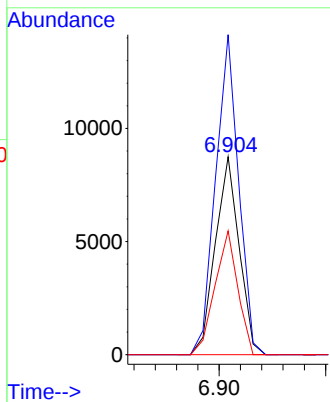
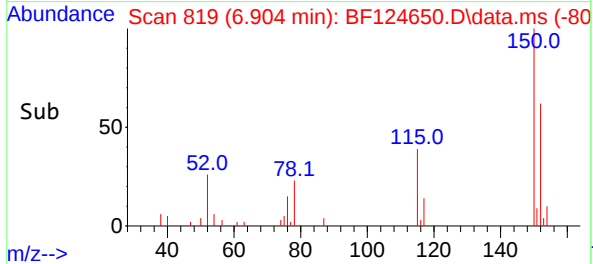




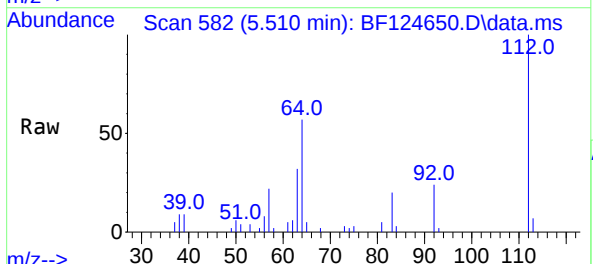
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124650.D
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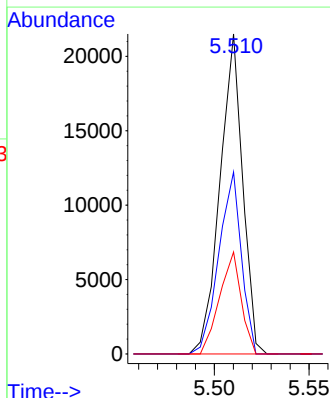
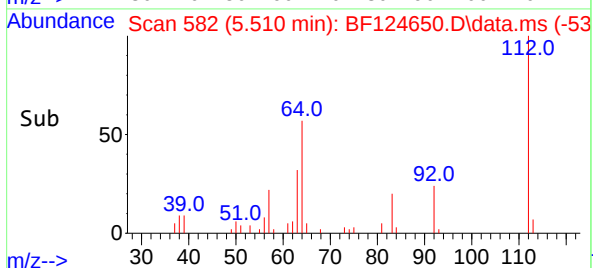
Tgt Ion:152 Resp: 6803
Ion Ratio Lower Upper
152 100
150 161.7 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 45.648 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.023 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40



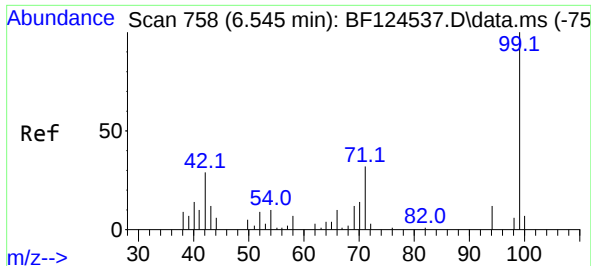
Tgt Ion:112 Resp: 17924
Ion Ratio Lower Upper
112 100
64 56.9 44.2 66.2
63 31.8 26.2 39.2



Instrument :
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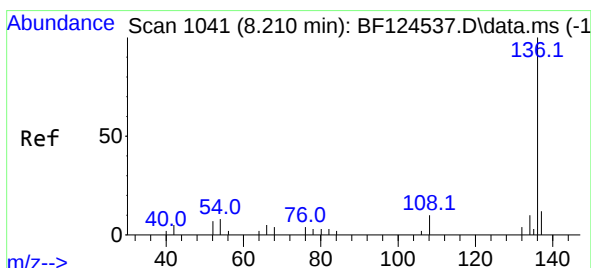
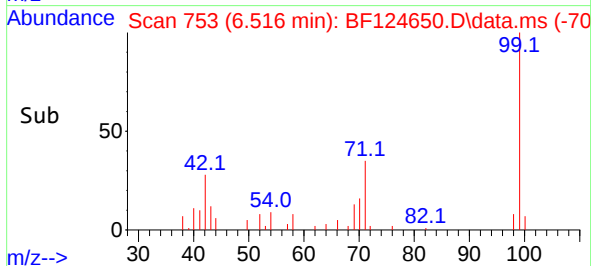
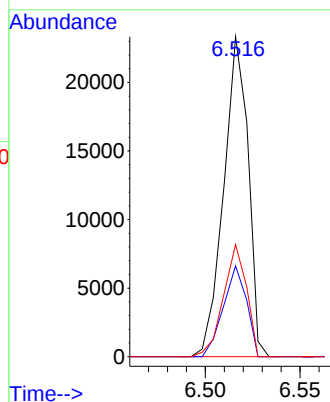
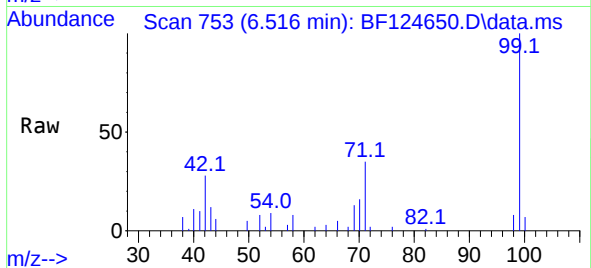
#7
Phenol-d6
Concen: 43.824 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion: 99	Resp: 20933
Ion Ratio	Lower Upper
99 100	
42 28.4	23.5 35.3
71 35.1	25.6 38.4

Instrument :
BNA_F
ClientSampleId :
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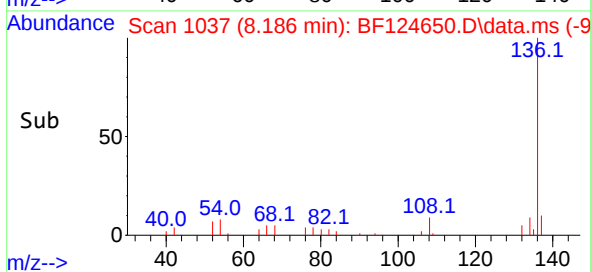
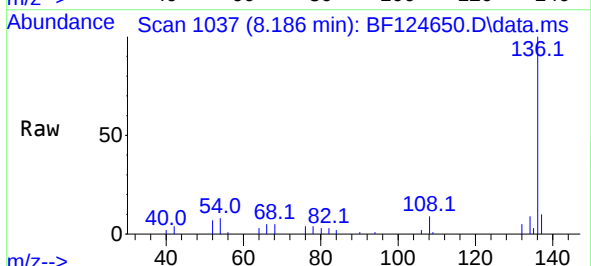
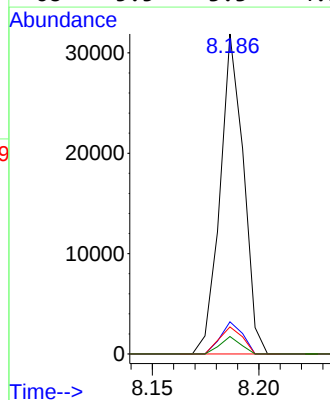
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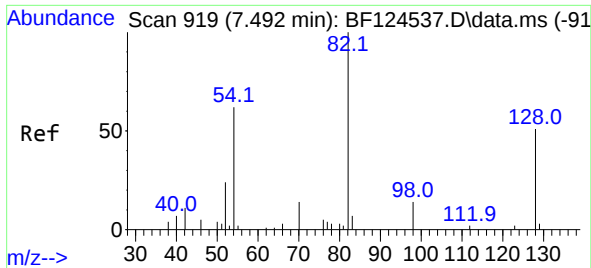
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion: 136	Resp: 24335
Ion Ratio	Lower Upper
136 100	
137 10.0	9.8 14.6
54 8.5	6.4 9.6
68 5.5	3.3 4.9





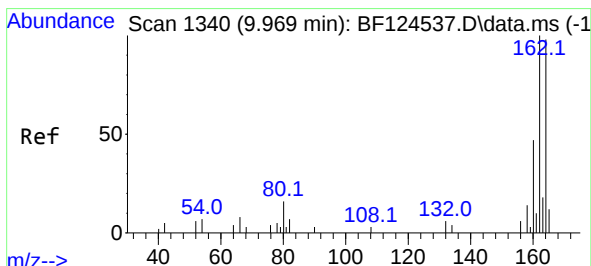
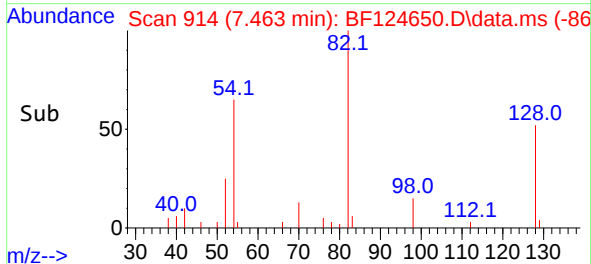
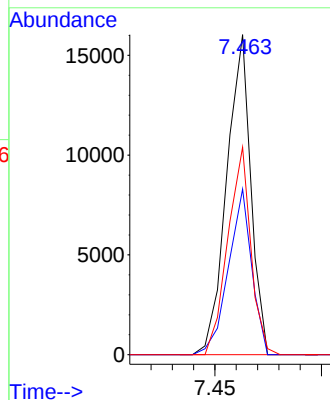
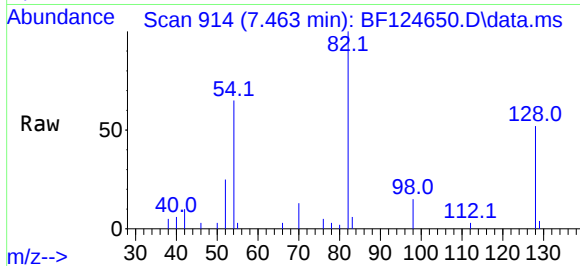
#23
Nitrobenzene-d5
Concen: 32.600 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion: 82	Resp: 12567
Ion Ratio	Lower Upper
82	100
128	51.8 40.6 60.8
54	64.8 49.6 74.4

Instrument :
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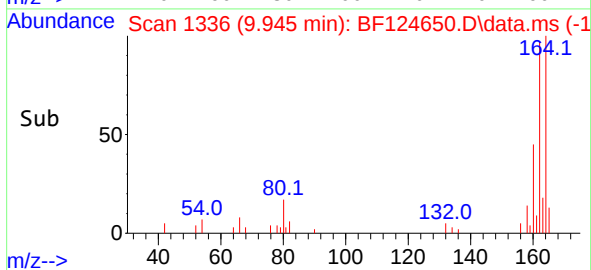
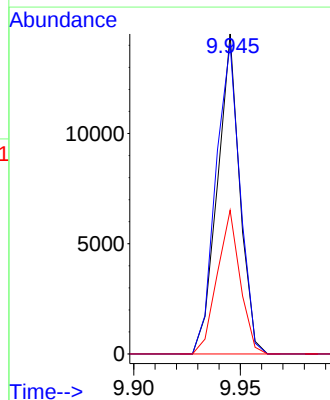
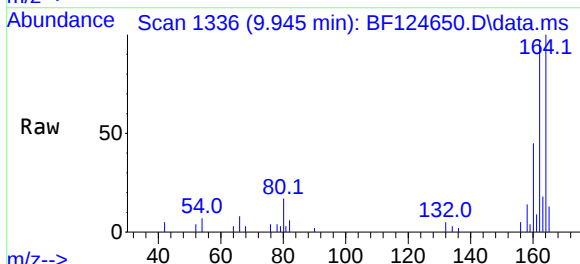
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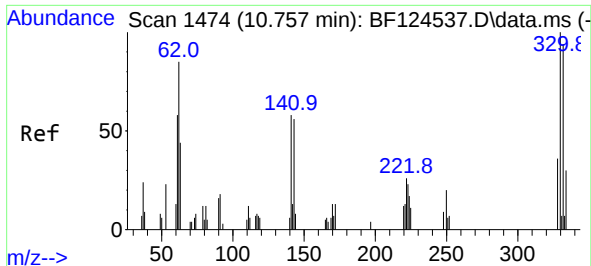
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

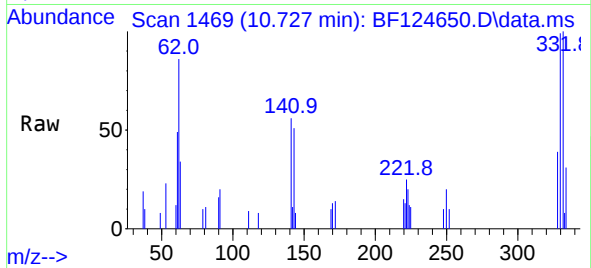
Tgt Ion: 164	Resp: 10598
Ion Ratio	Lower Upper
164	100
162	96.9 81.3 121.9
160	44.9 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 38.134 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.023 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

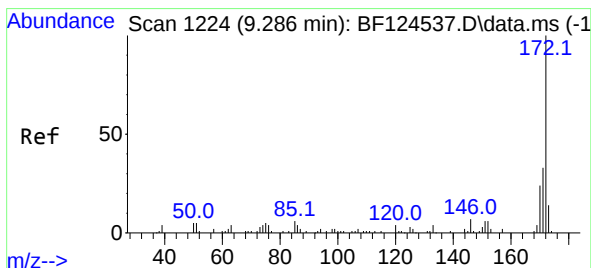
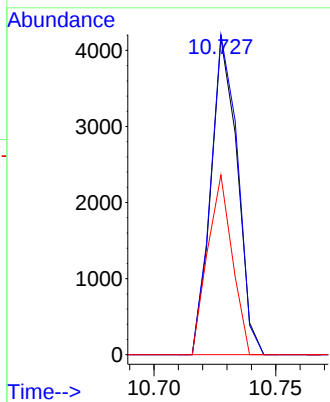
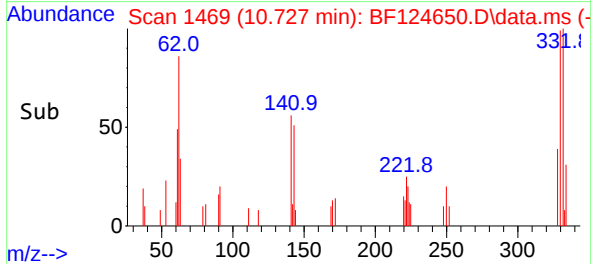
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ClientSampleId :
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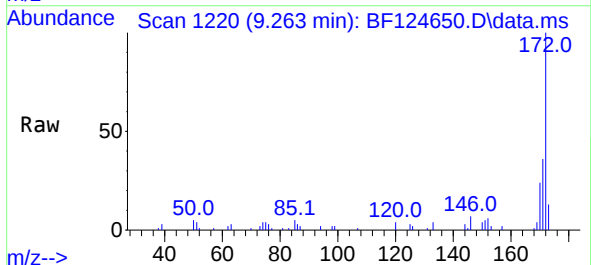
Tgt Ion: 330 Resp: 3145
Ion Ratio Lower Upper
330 100
332 102.5 76.2 114.4
141 52.7 44.6 66.8

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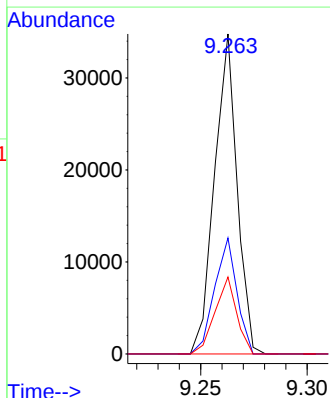
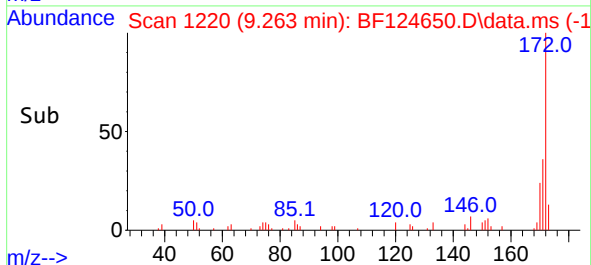
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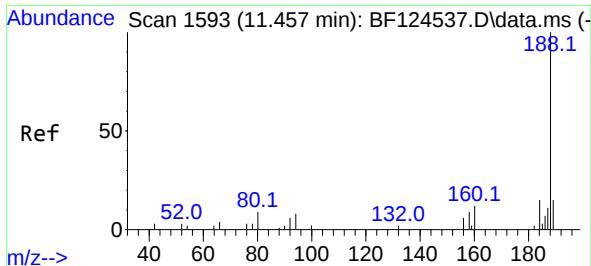


#45
2-Fluorobiphenyl
Concen: 35.193 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40



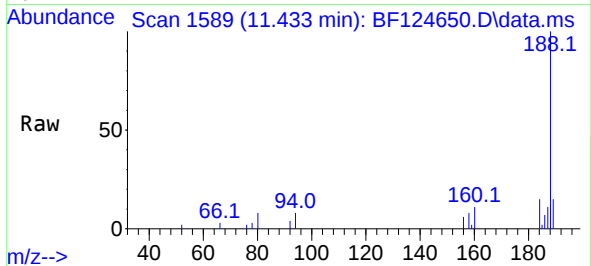
Tgt Ion: 172 Resp: 25577
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.1 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

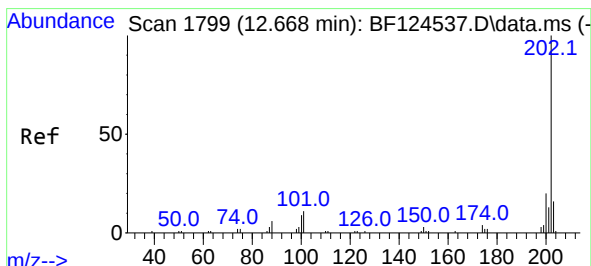
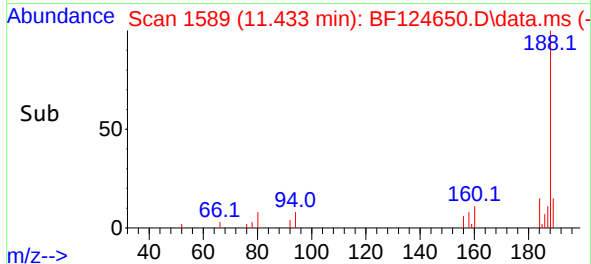
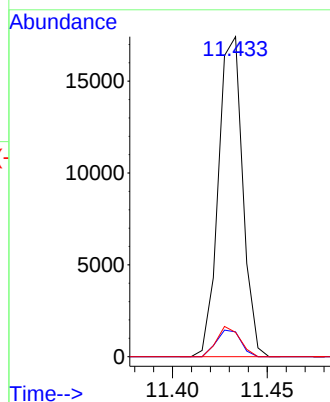
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Tgt Ion:188 Resp: 15534
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 7.6 7.5 11.3

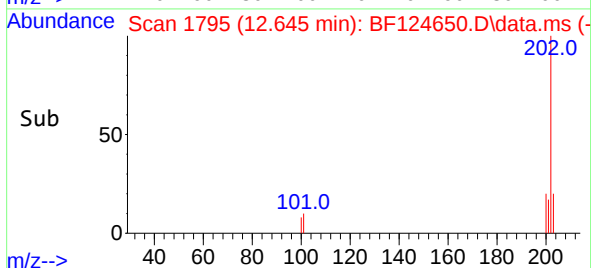
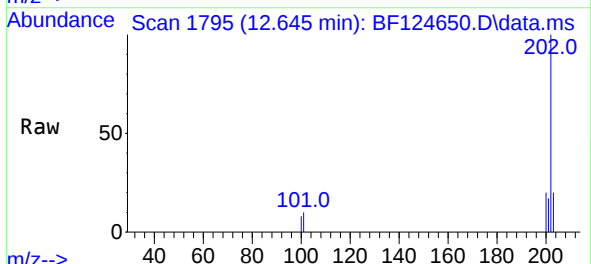
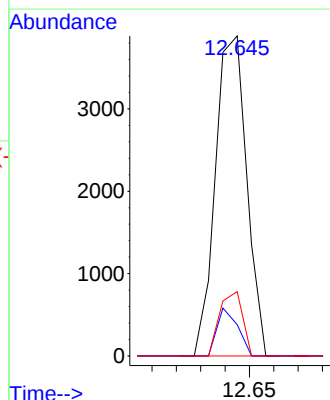
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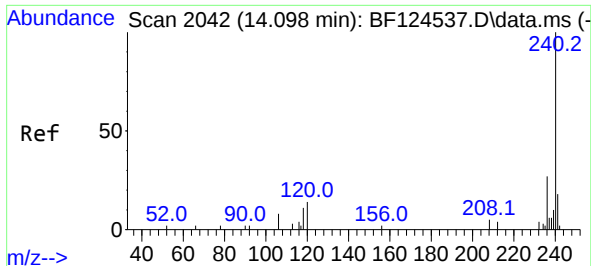
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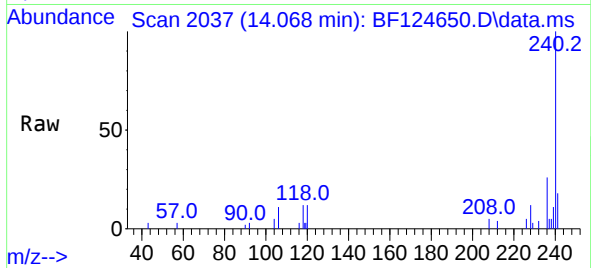
#75
Fluoranthene
Concen: 4.062 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion:202 Resp: 3473
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.7
203 20.1 0.0 36.3

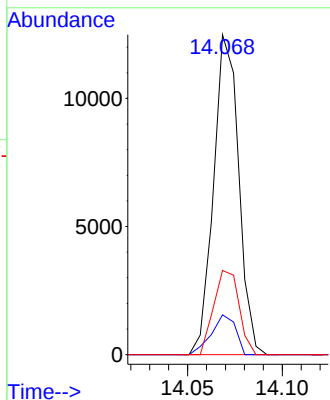




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40



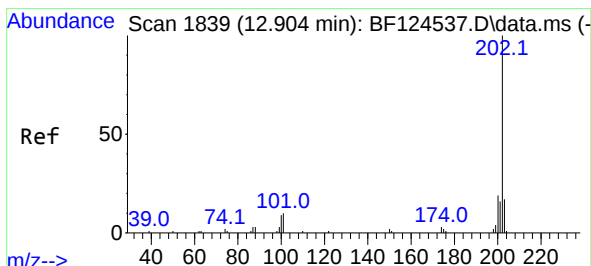
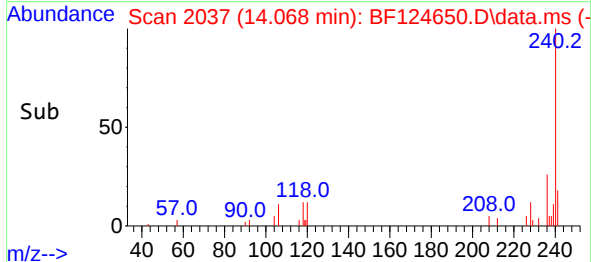
Tgt Ion:240 Resp: 11524
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 26.3 21.6 32.4



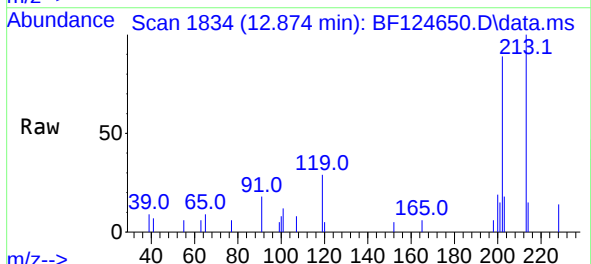
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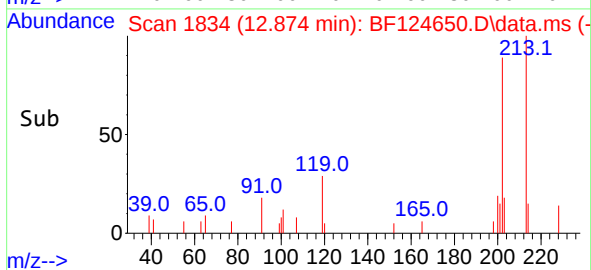
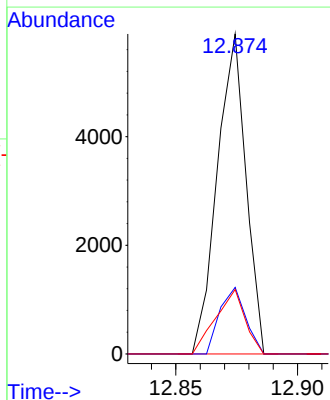
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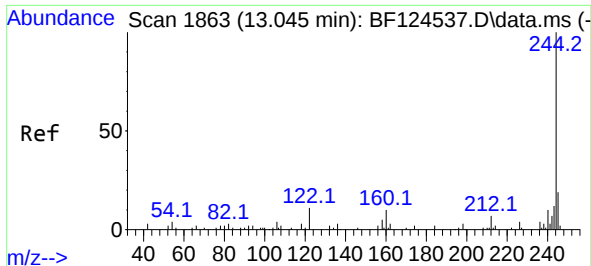


#78
Pyrene
Concen: 5.030 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40



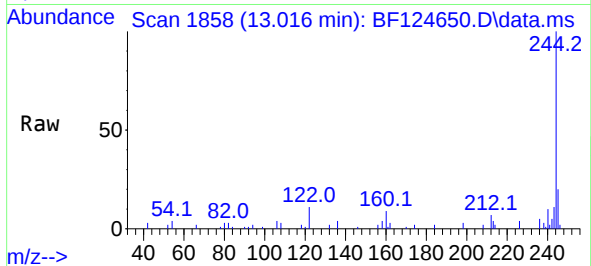
Tgt Ion:202 Resp: 4816
Ion Ratio Lower Upper
202 100
200 20.8 15.3 22.9
203 20.2 13.4 20.0#





#79
Terphenyl-d14
Concen: 29.041 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

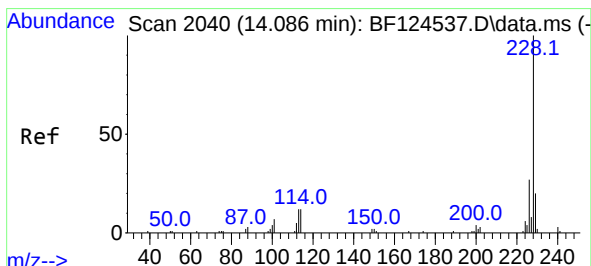
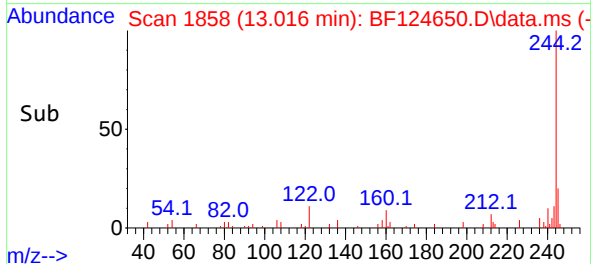
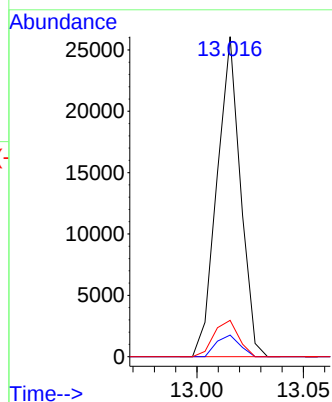
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-020-ABCD



Tgt Ion:244 Resp: 19930
Ion Ratio Lower Upper
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212 6.7 5.9 8.9
122 11.4 9.0 13.4

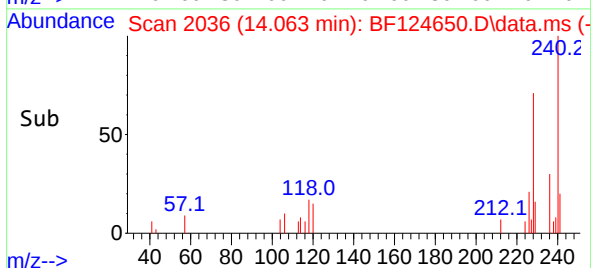
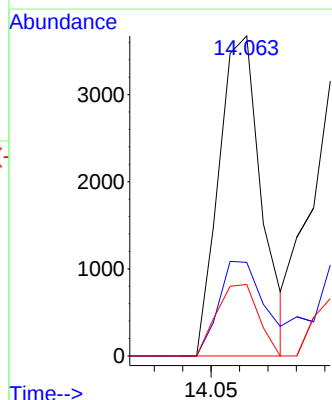
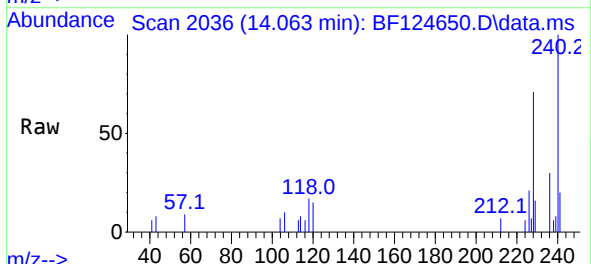
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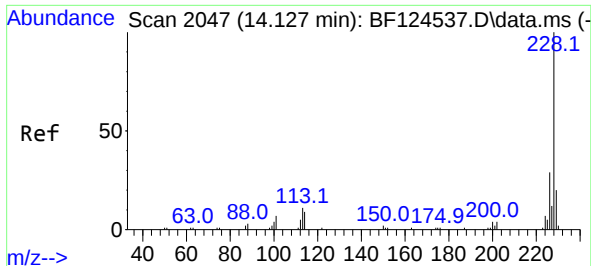
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#81
Benzo(a)anthracene
Concen: 5.019 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion:228 Resp: 3836
Ion Ratio Lower Upper
228 100
226 29.2 21.6 32.4
229 22.4 15.6 23.4





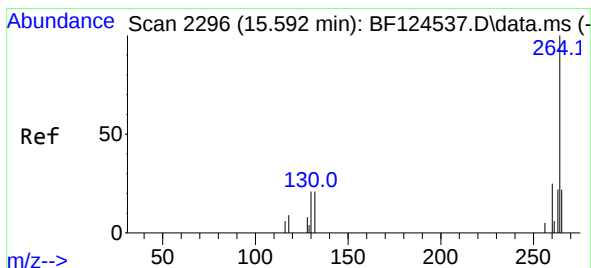
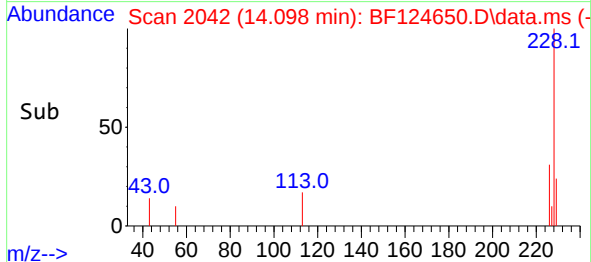
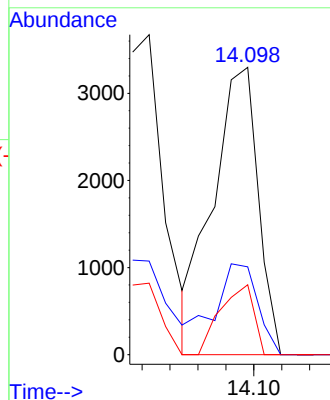
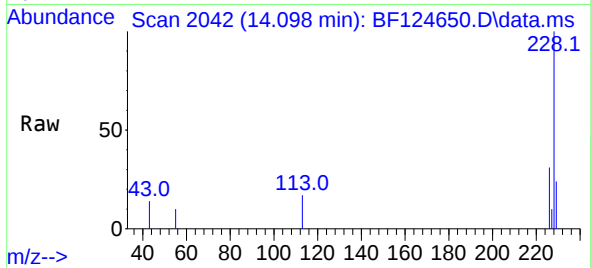
#83
Chrysene
Concen: 5.100 ng m
RT: 14.098 min Scan# 2042
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion: 228 Resp: 3734
Ion Ratio Lower Upper
228 100
226 30.6 22.6 34.0
229 24.3 15.9 23.9#

Instrument :
BNA_F
ClientSampleId :
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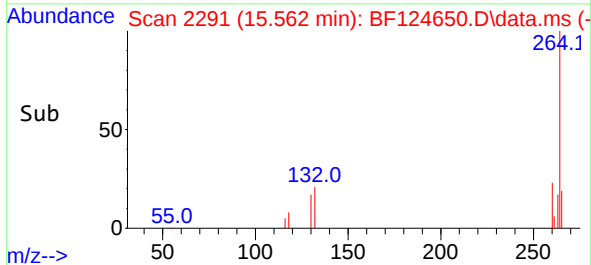
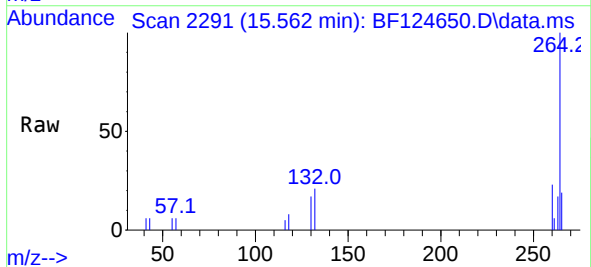
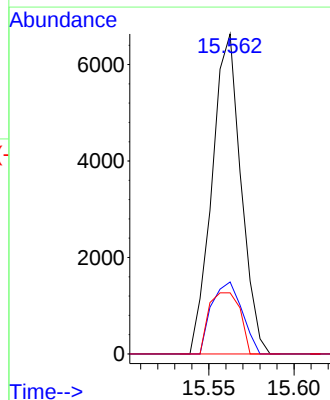
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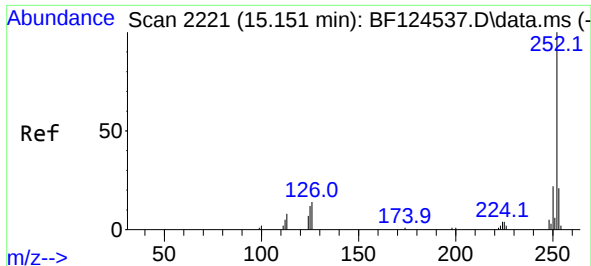
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion: 264 Resp: 7853
Ion Ratio Lower Upper
264 100
260 22.5 19.6 29.4
265 19.1 17.2 25.8





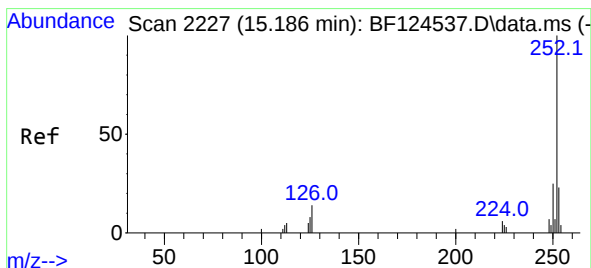
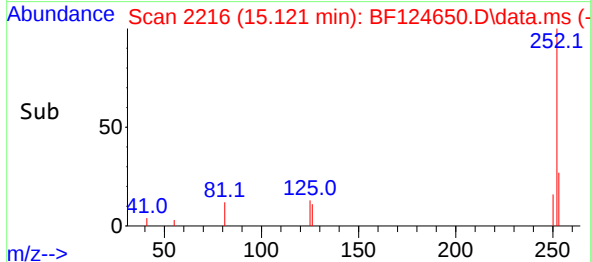
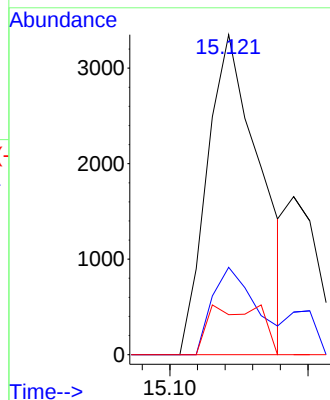
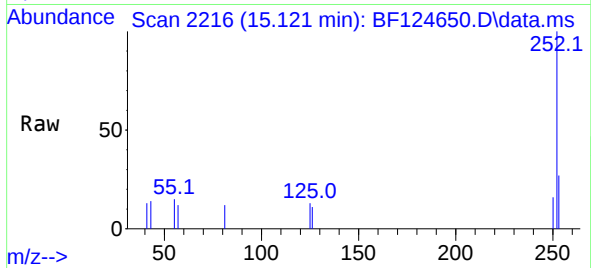
#88
Benzo(b)fluoranthene
Concen: 7.889 ng m
RT: 15.121 min Scan# 2216
Delta R.T. -0.012 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion:252 Resp: 4447
Ion Ratio Lower Upper
252 100
253 27.3 16.8 25.2#
125 12.5 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
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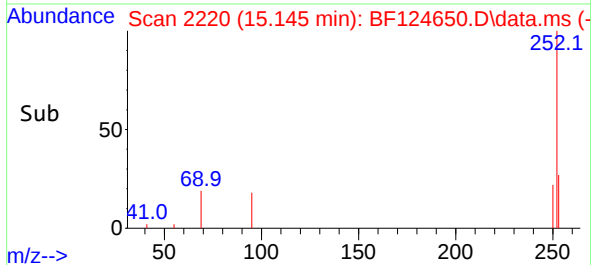
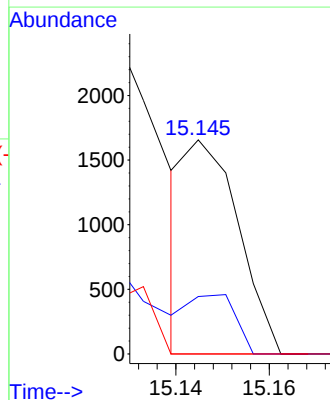
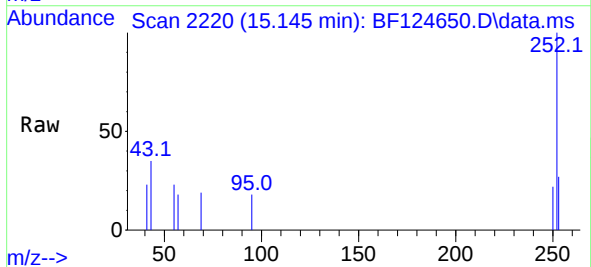
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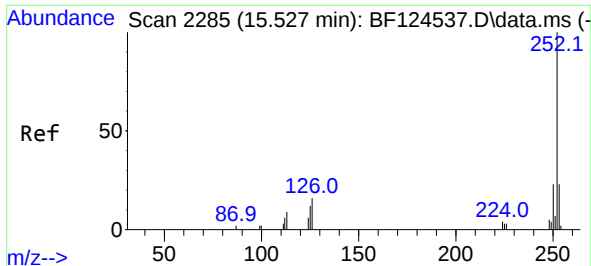
mohammad
7/21/2021 11:42:37 AM



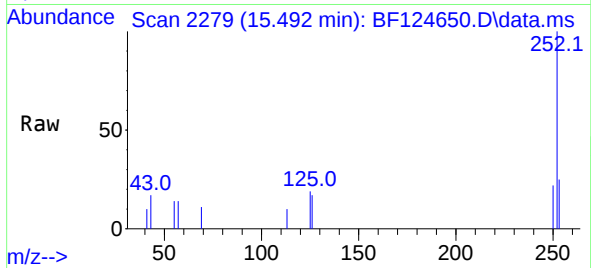
#89
Benzo(k)fluoranthene
Concen: 2.458 ng m
RT: 15.145 min Scan# 2220
Delta R.T. -0.023 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion:252 Resp: 1271
Ion Ratio Lower Upper
252 100
253 26.9 17.8 26.8#
125 0.0 7.2 10.8#

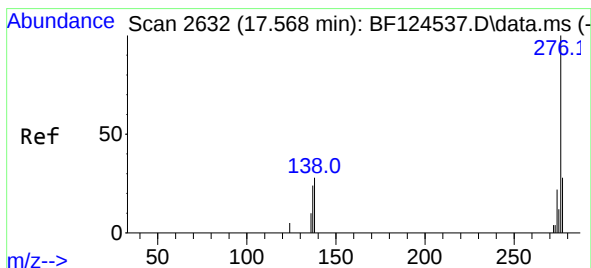
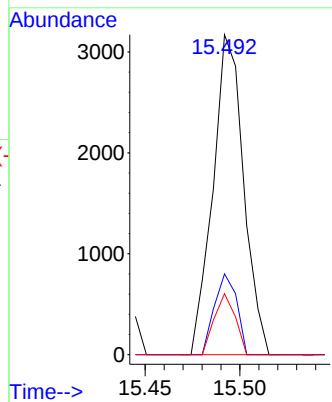
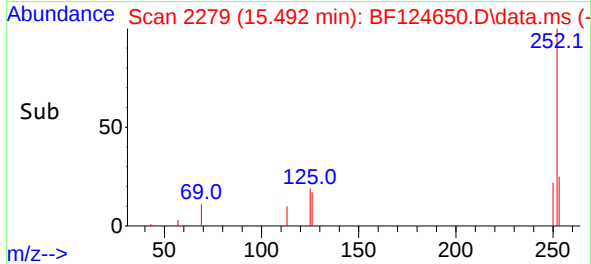




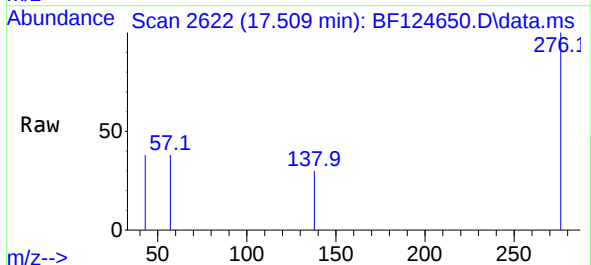
#90
Benzo(a)pyrene
Concen: 7.684 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40



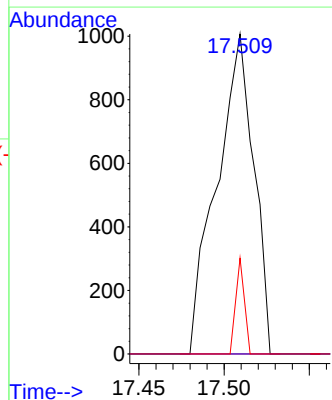
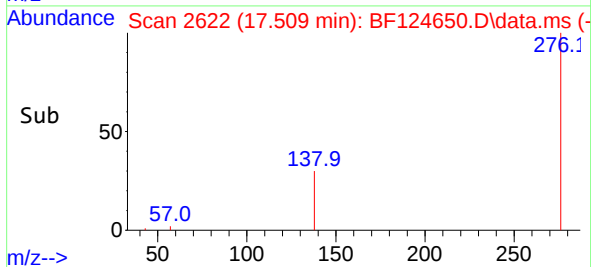
Tgt Ion: 252 Resp: 3575
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 19.1 9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 4.013 ng
RT: 17.509 min Scan# 2622
Delta R.T. -0.035 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40



Tgt Ion: 276 Resp: 1519
Ion Ratio Lower Upper
276 100
277 0.0 22.0 33.0#
138 30.0 22.2 33.4



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-020-ABCD

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