

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

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)

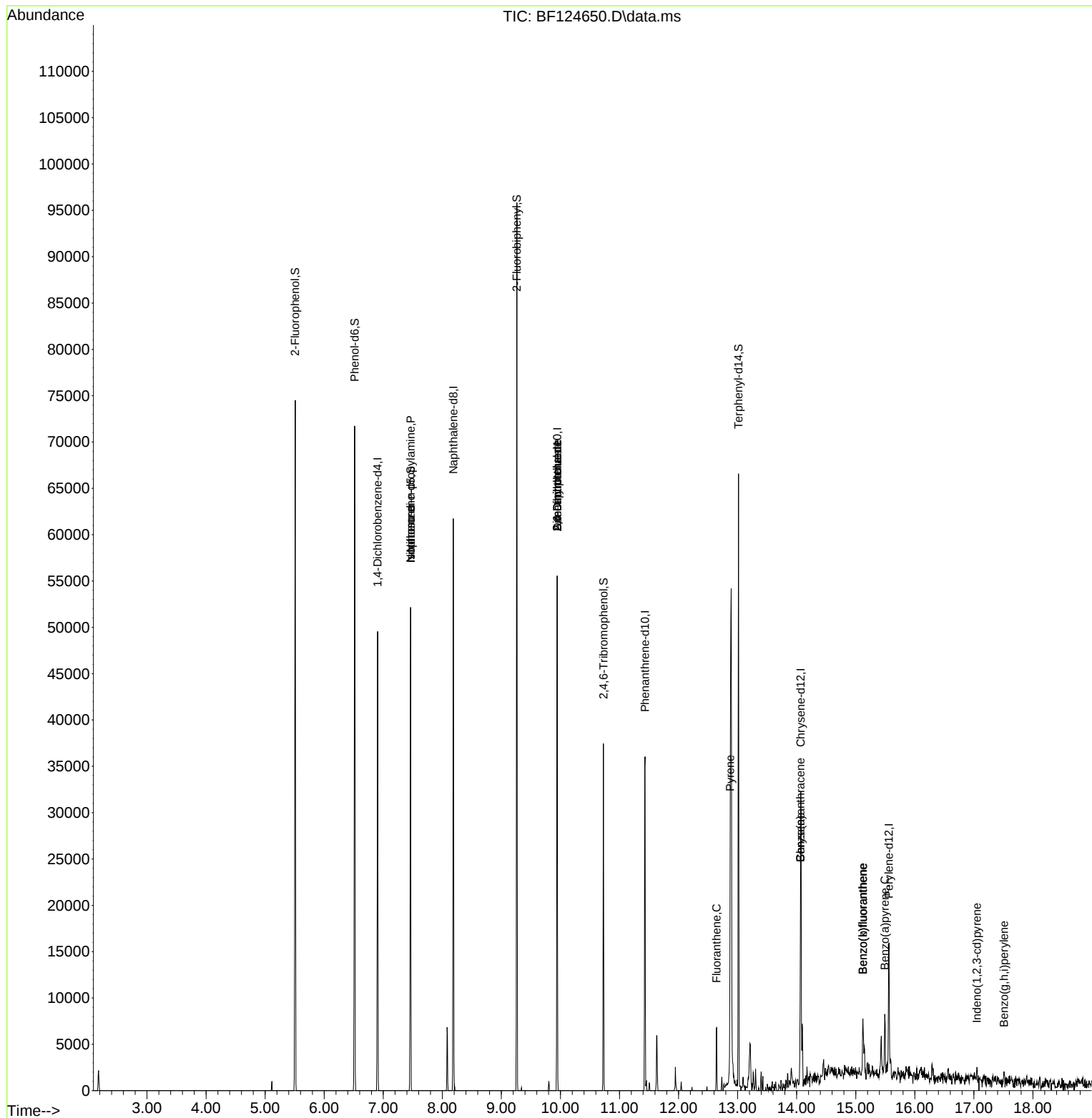
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6803	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	24335	20.00	ng	#-0.02
39) Acenaphthene-d10	9.945	164	10598	20.00	ng	-0.01
64) Phenanthrene-d10	11.433	188	15534	20.00	ng	-0.01
76) Chrysene-d12	14.068	240	11524	20.00	ng	-0.02
86) Perylene-d12	15.562	264	7853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	17924	45.65	ng	-0.02
7) Phenol-d6	6.516	99	20933	43.82	ng	-0.03
23) Nitrobenzene-d5	7.463	82	12567	32.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	3145	38.13	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	25577	35.19	ng	-0.02
79) Terphenyl-d14	13.016	244	19930	29.04	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	1567	5.83	ng	# 76
25) Isophorone	7.463	82	12567	17.76	ng	# 59
50) Dimethylphthalate	9.945	163	1863	2.53	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	1433	9.86	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	1433	7.20	ng	# 18
75) Fluoranthene	12.645	202	3473	4.06	ng	94
78) Pyrene	12.874	202	4816	5.03	ng	# 94
81) Benzo(a)anthracene	14.063	228	3836	5.02	ng	95
83) Chrysene	14.063	228	3836	5.24	ng	97
87) Indeno(1,2,3-cd)pyrene	17.051	276	1478	3.25	ng	# 56
88) Benzo(b)fluoranthene	15.121	252	5717	10.14	ng	# 91
89) Benzo(k)fluoranthene	15.121	252	5717	11.05	ng	# 90
90) Benzo(a)pyrene	15.492	252	3575	7.68	ng	# 91
92) Benzo(g,h,i)perylene	17.509	276	1519	4.01	ng	# 72

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

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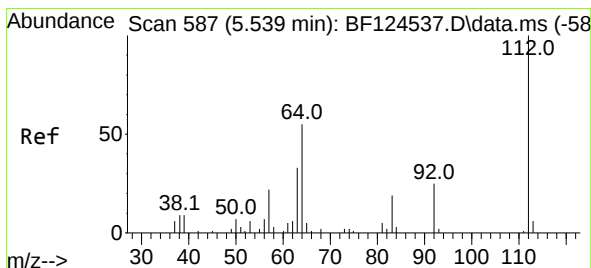
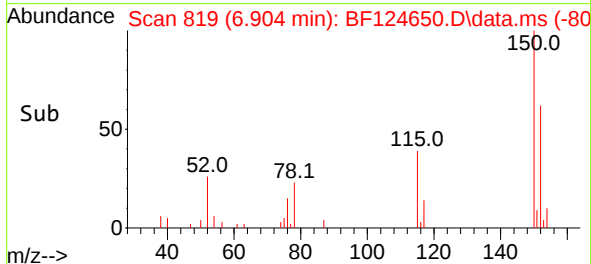
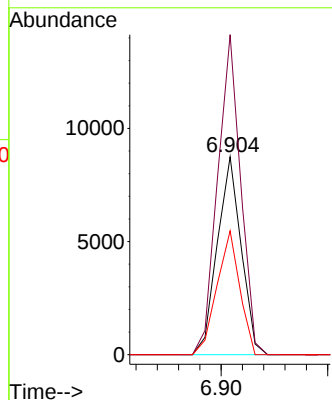
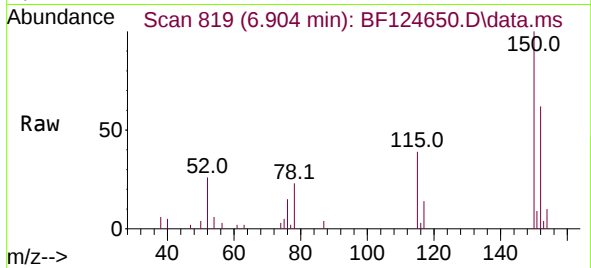




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

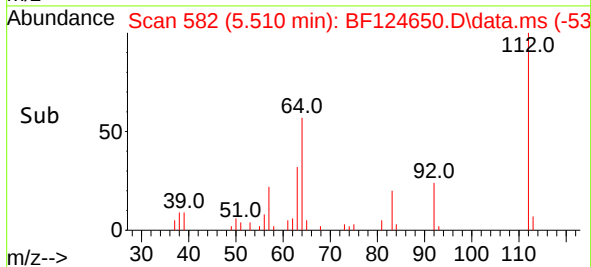
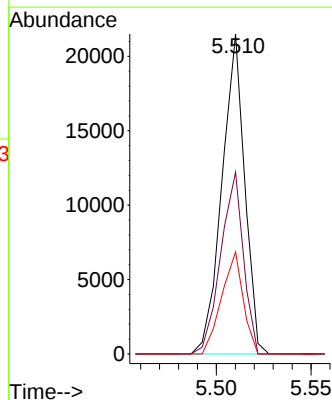
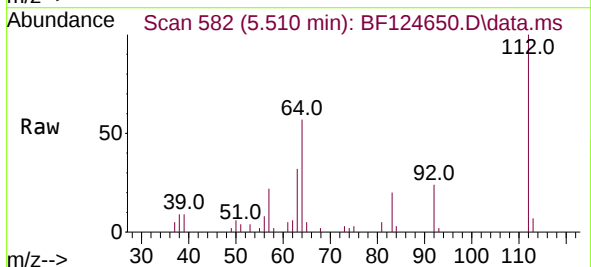
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-020-ABCD

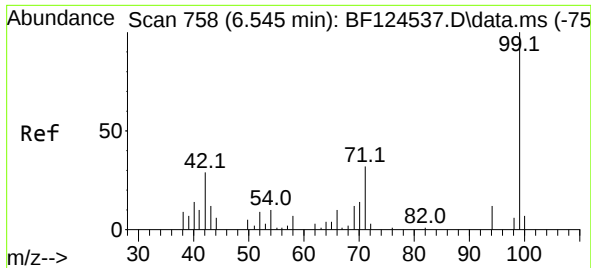
Tgt Ion:152 Resp: 6803
Ion Ratio Lower Upper
152 100
150 161.7 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 45.65 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

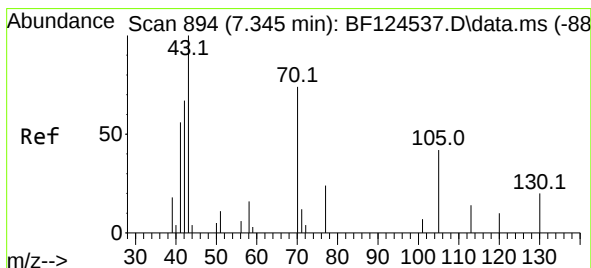
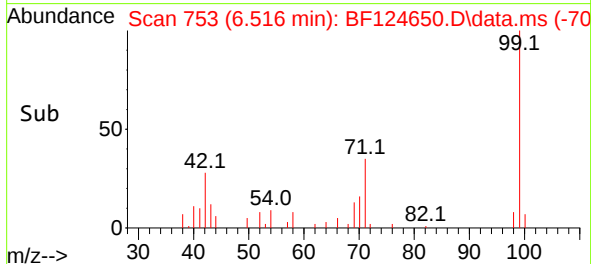
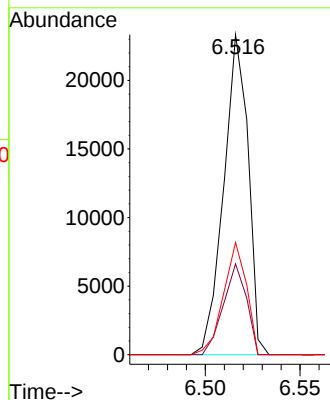
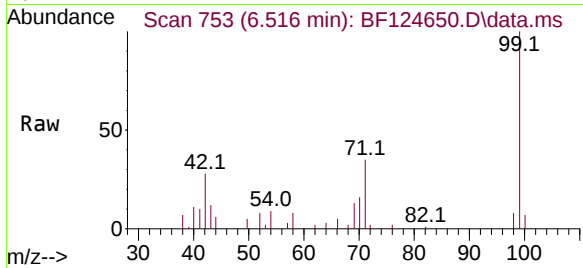




#7
Phenol-d6
Concen: 43.82 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

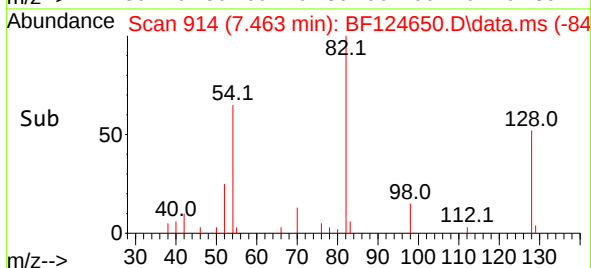
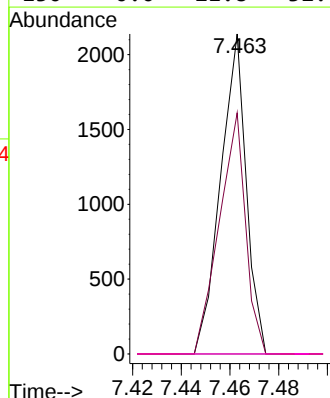
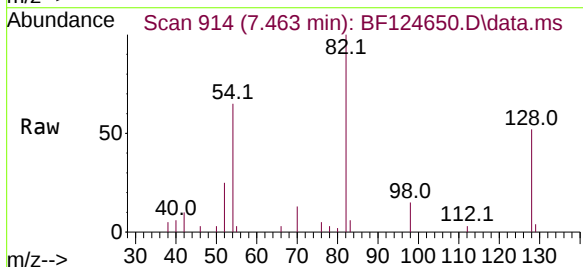
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-020-ABCD

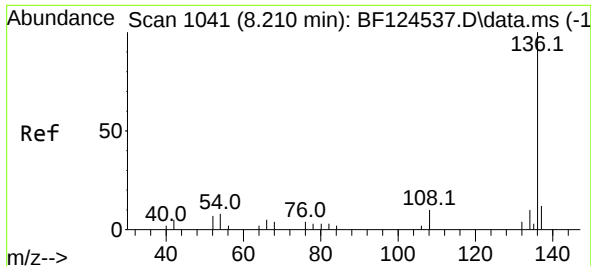
Tgt Ion:	99	Resp:	20933
Ion	Ratio	Lower	Upper
99	100		
42	28.4	23.5	35.3
71	35.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.83 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.130 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion:	70	Resp:	1567
Ion	Ratio	Lower	Upper
70	100		
42	75.4	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

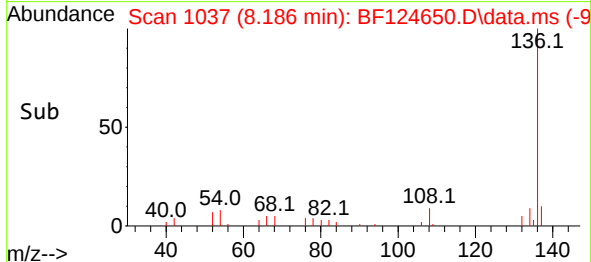
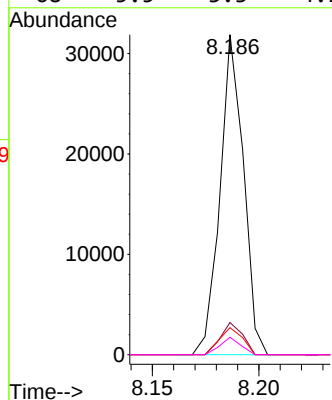
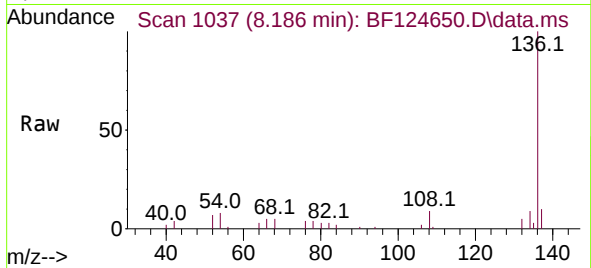




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

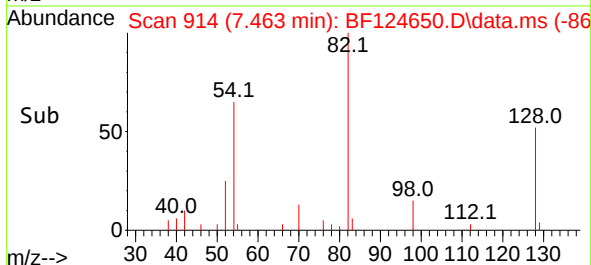
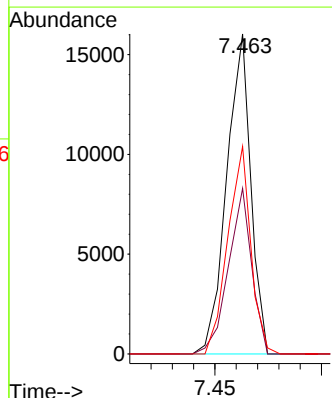
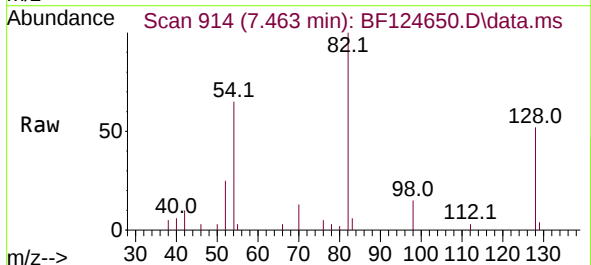
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-020-ABCD

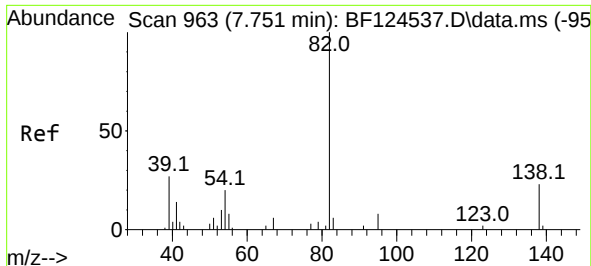
Tgt Ion:136	Resp:	24335
Ion Ratio	Lower	Upper
136	100	
137	10.0	9.8 14.6
54	8.5	6.4 9.6
68	5.5	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 32.60 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

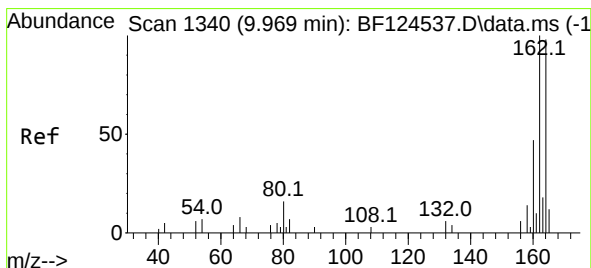
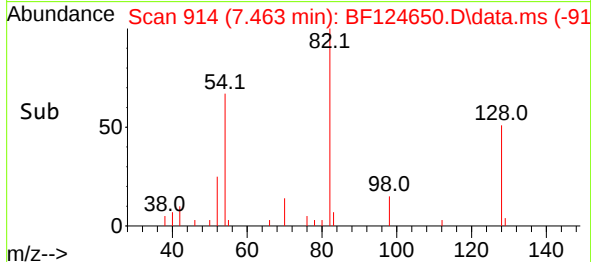
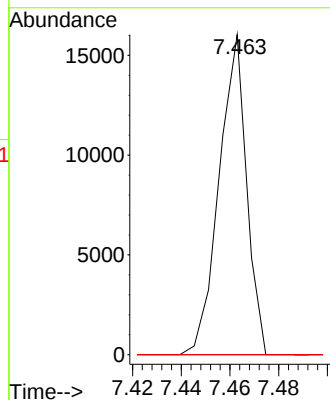
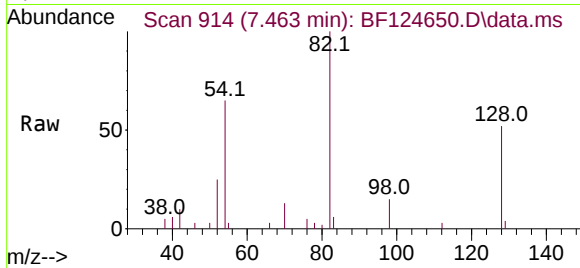




#25
Isophorone
Concen: 17.76 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

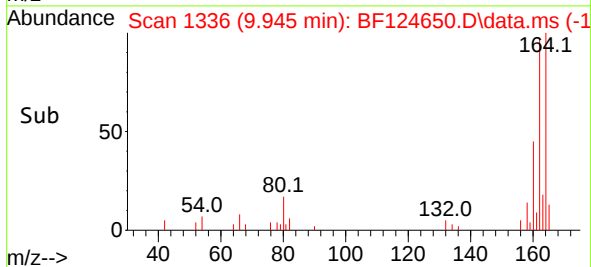
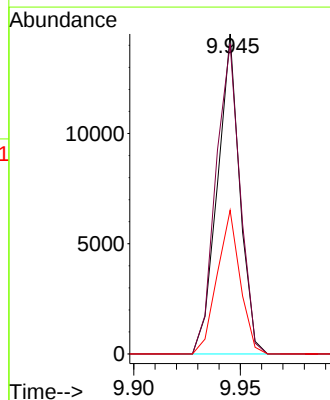
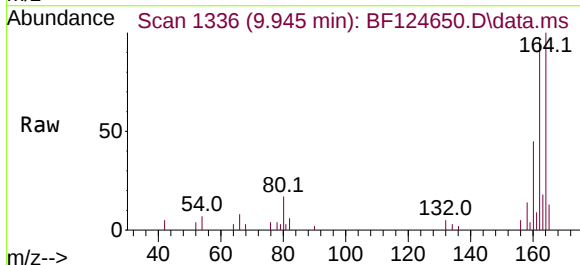
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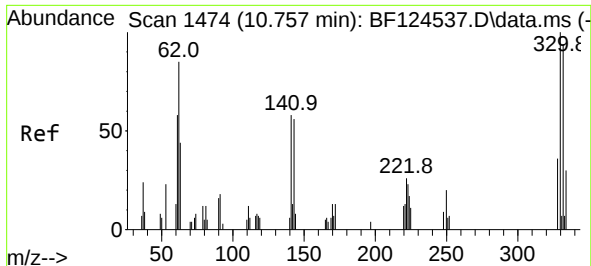
Tgt Ion: 82 Resp: 12567
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

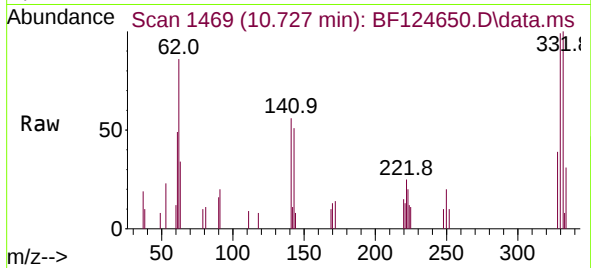
Tgt Ion:164 Resp: 10598
Ion Ratio Lower Upper
164 100
162 96.9 81.3 121.9
160 44.9 38.0 57.0



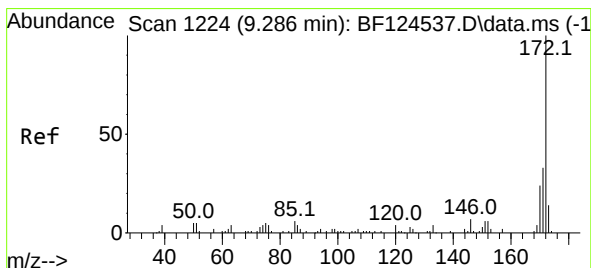
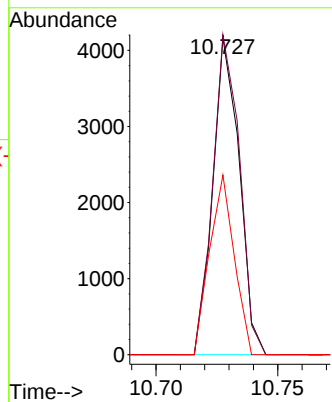
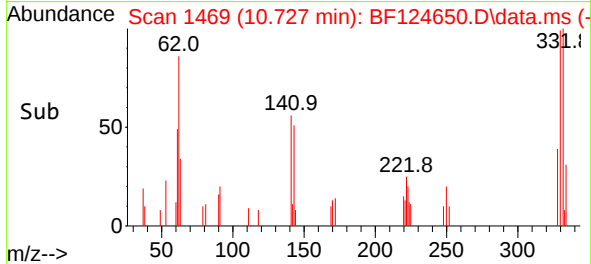


#42
2,4,6-Tribromophenol
Concen: 38.13 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.023 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

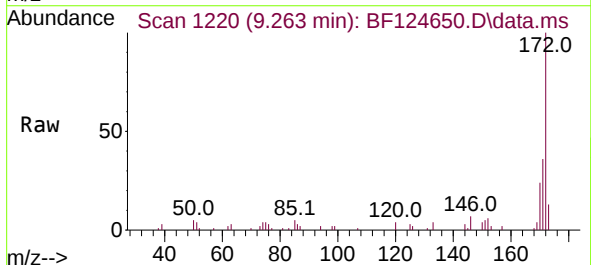
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BNA_F
ClientSampleId :
FK-EF-01-020-ABCD



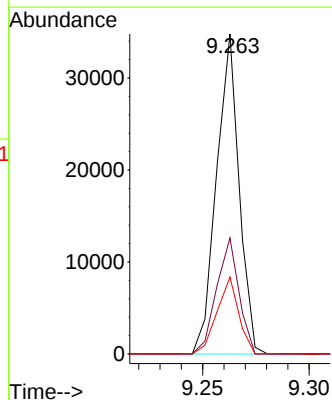
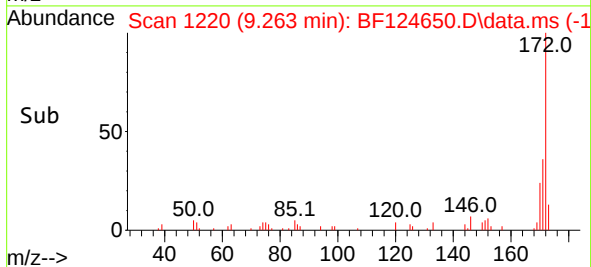
Tgt Ion: 330 Resp: 3145
Ion Ratio Lower Upper
330 100
332 102.5 76.2 114.4
141 52.7 44.6 66.8

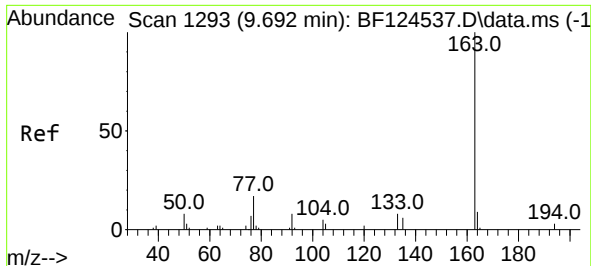


#45
2-Fluorobiphenyl
Concen: 35.19 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40



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

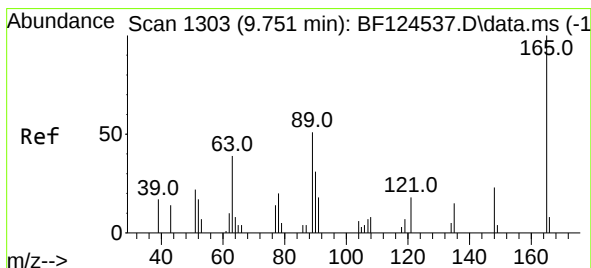
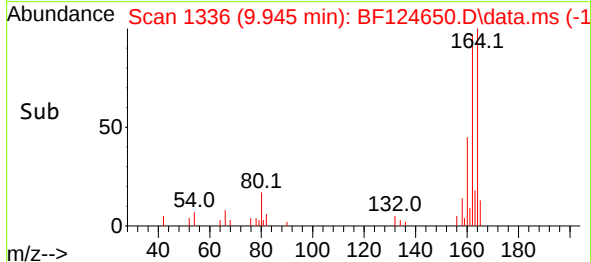
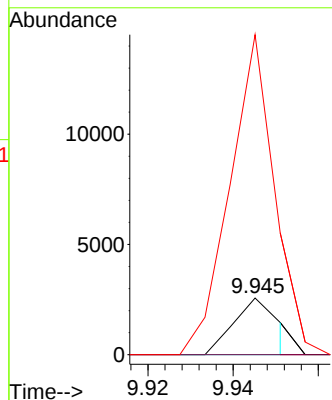
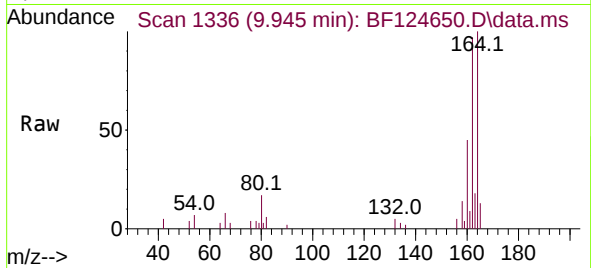




#50
Dimethylphthalate
Concen: 2.53 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

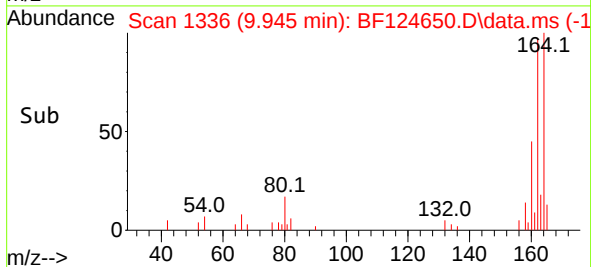
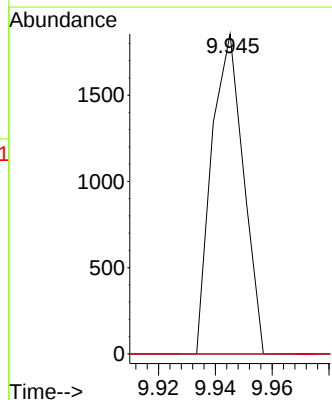
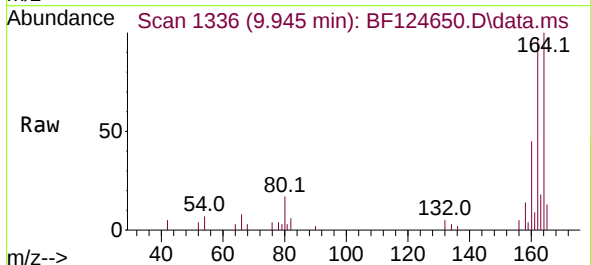
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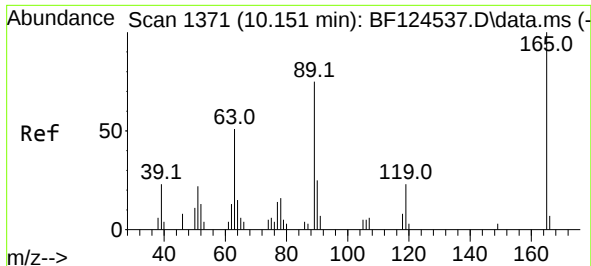
Tgt Ion:163 Resp: 1863
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 564.8 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.86 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

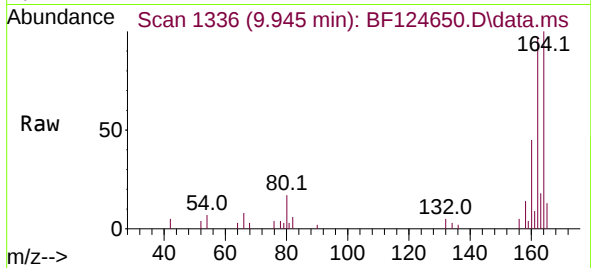
Tgt Ion:165 Resp: 1433
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



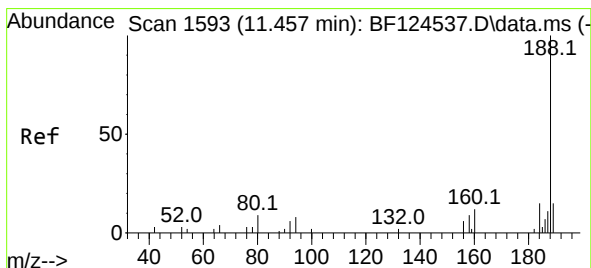
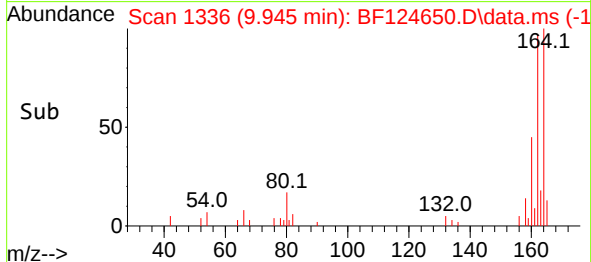
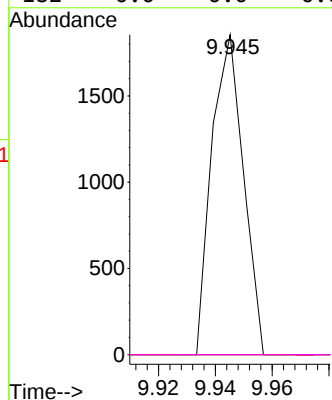


#57
2,4-Dinitrotoluene
Concen: 7.20 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

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

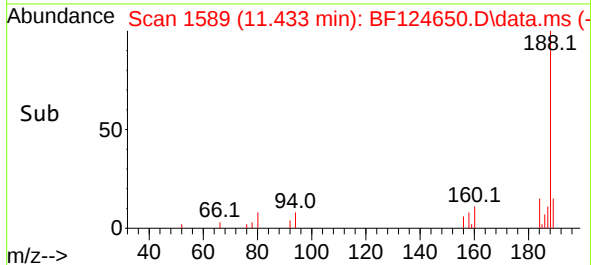
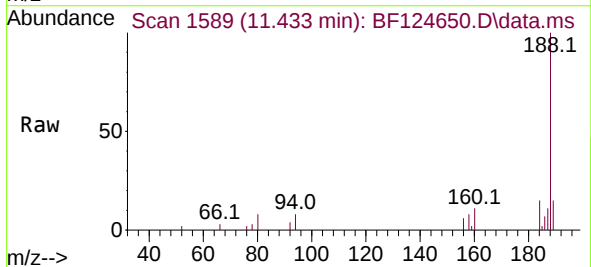
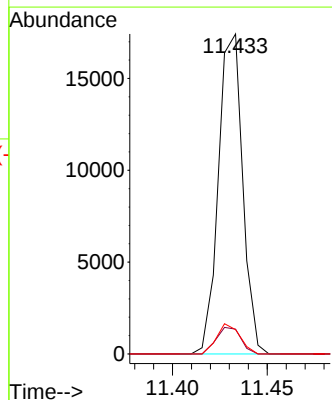


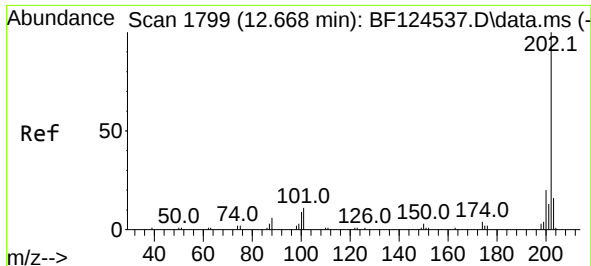
Tgt Ion:165 Resp: 1433
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

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

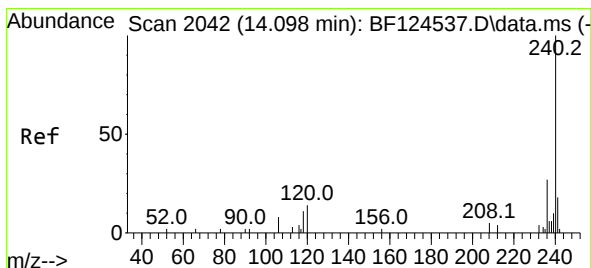
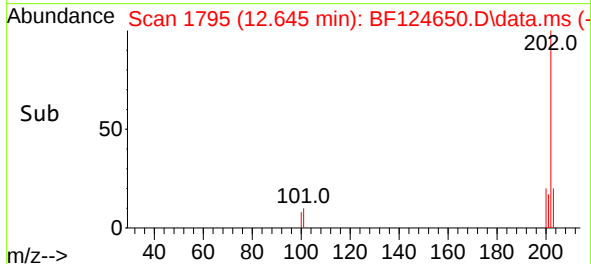
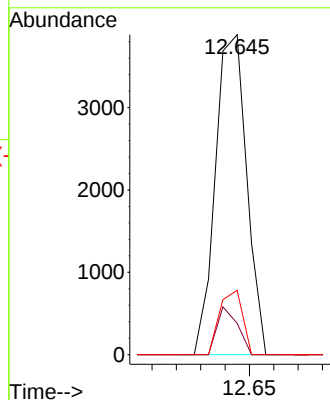
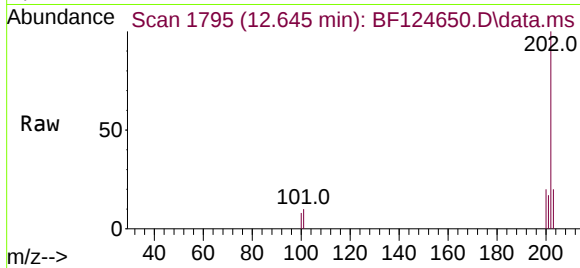




#75
Fluoranthene
Concen: 4.06 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

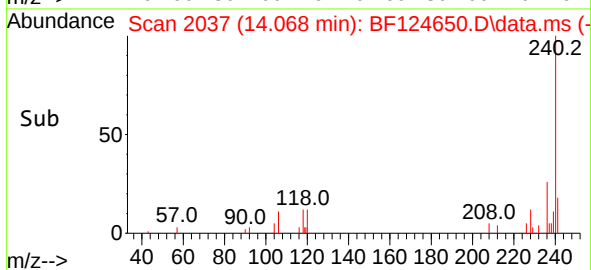
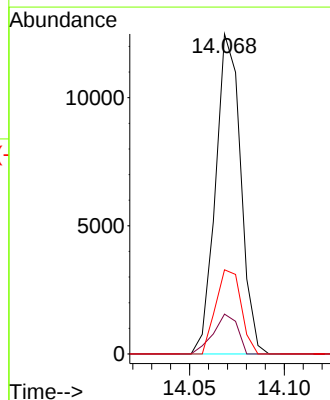
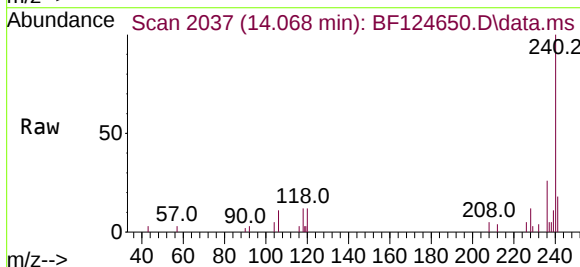
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-020-ABCD

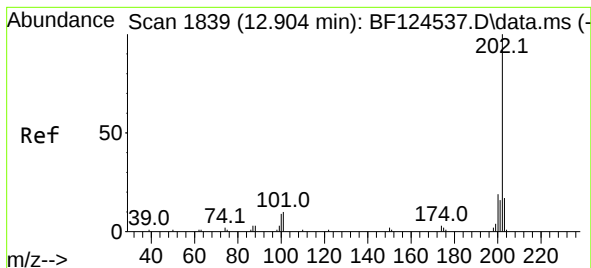
Tgt Ion:202	Resp:	3473
Ion Ratio	Lower	Upper
202	100	
101	9.8	0.0 30.7
203	20.1	0.0 36.3



#76
Chrysene-d12
Concen: 20.00 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





#78

Pyrene

Concen: 5.03 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.018 min

Lab File: BF124650.D

Acq: 21 Jul 2021 3:40

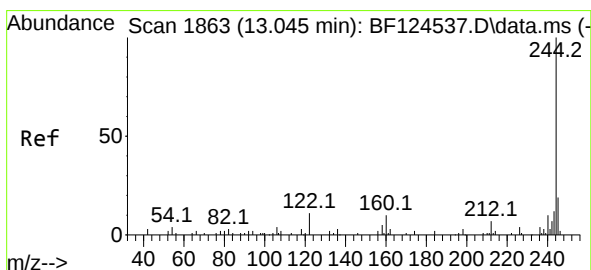
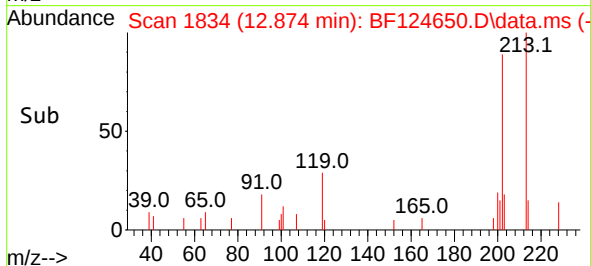
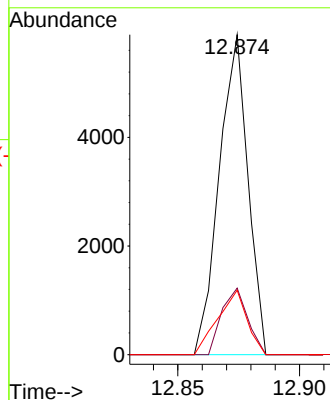
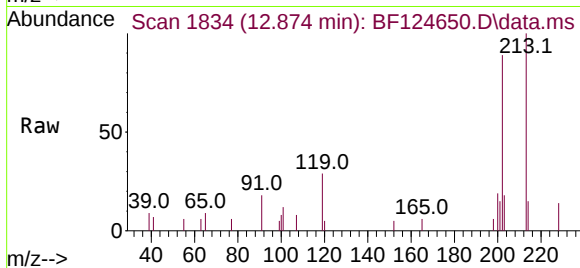
Tgt Ion:202	Resp:	4816
Ion Ratio	Lower	Upper
202	100	
200	20.8	15.3 22.9
203	20.2	13.4 20.0#

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-020-ABCD



#79

Terphenyl-d14

Concen: 29.04 ng

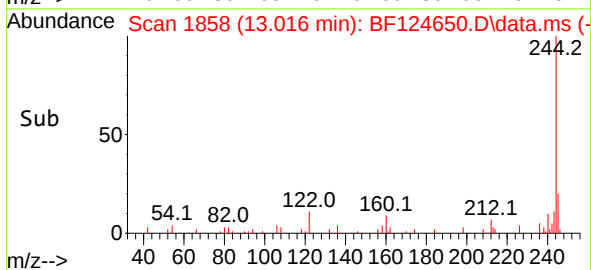
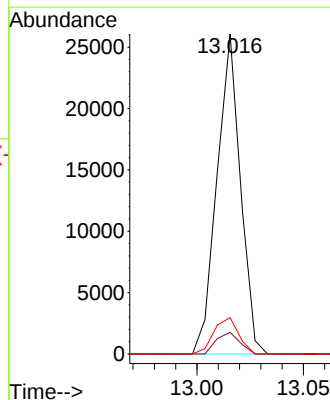
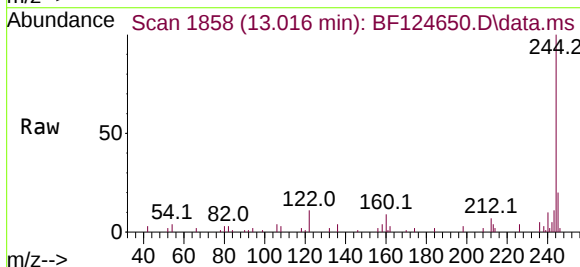
RT: 13.016 min Scan# 1858

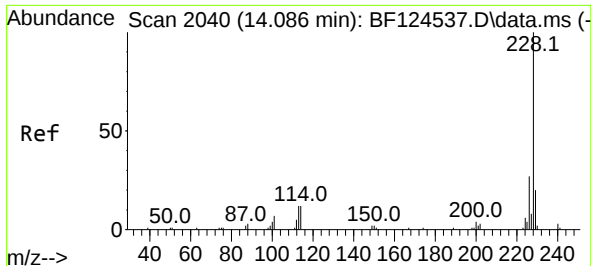
Delta R.T. -0.018 min

Lab File: BF124650.D

Acq: 21 Jul 2021 3:40

Tgt Ion:244	Resp:	19930
Ion Ratio	Lower	Upper
244	100	
212	6.7	5.9 8.9
122	11.4	9.0 13.4

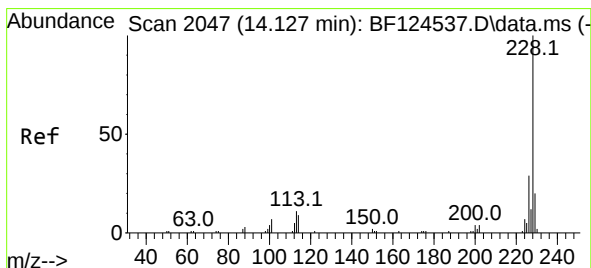
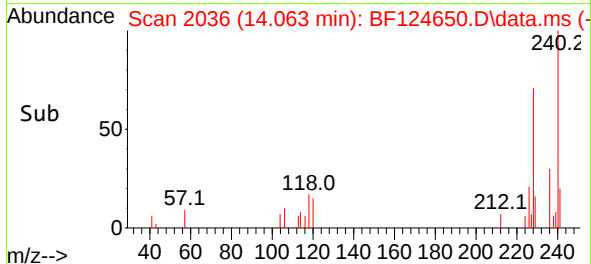
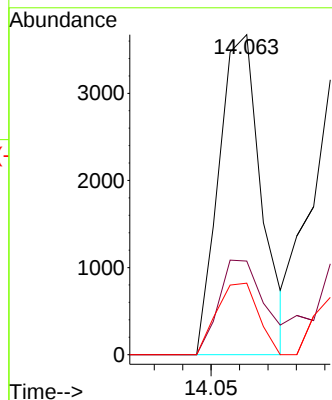
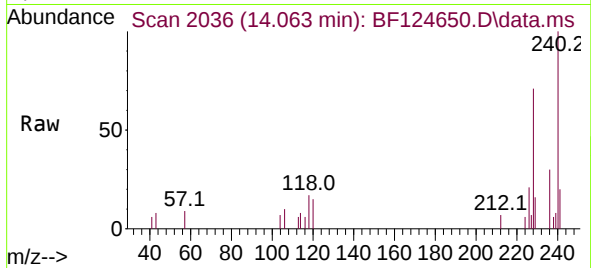




#81
Benzo(a)anthracene
Concen: 5.02 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

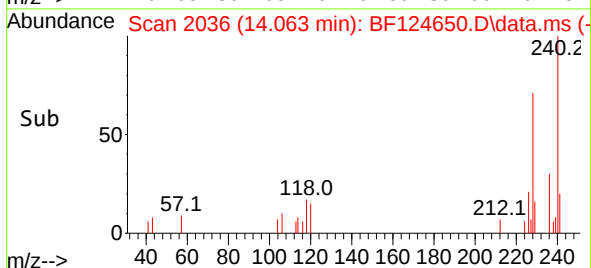
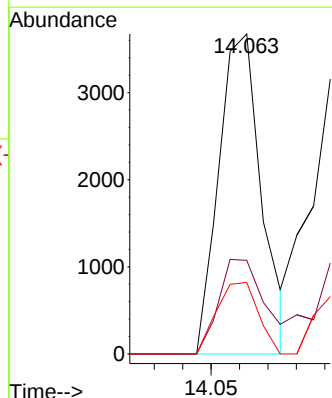
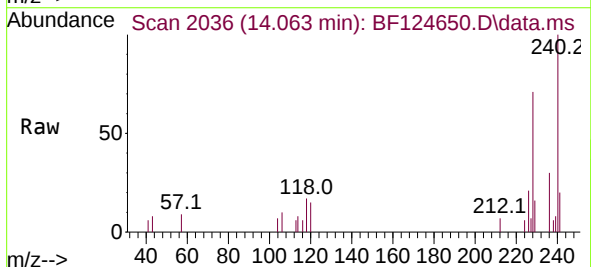
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-020-ABCD

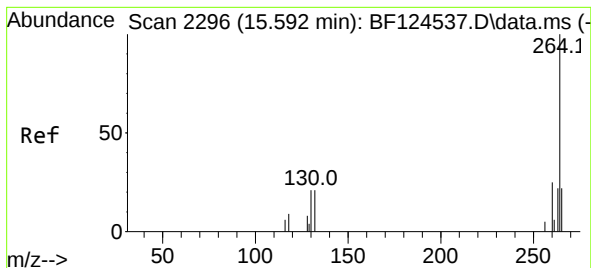
Tgt Ion:228 Resp: 3836
Ion Ratio Lower Upper
228 100
226 29.2 21.6 32.4
229 22.4 15.6 23.4



#83
Chrysene
Concen: 5.24 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.053 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 22.6 34.0
229 22.4 15.9 23.9

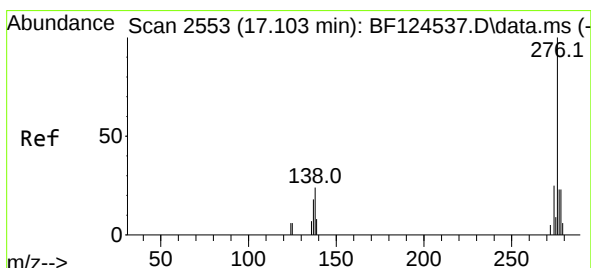
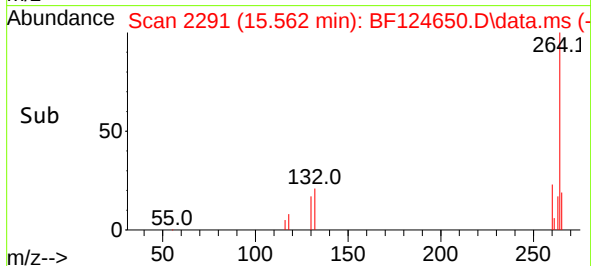
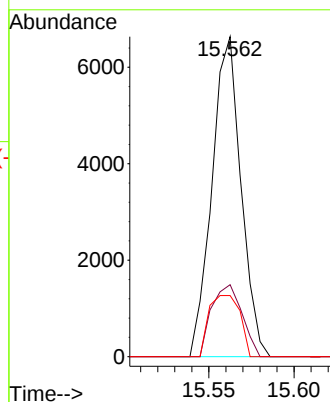
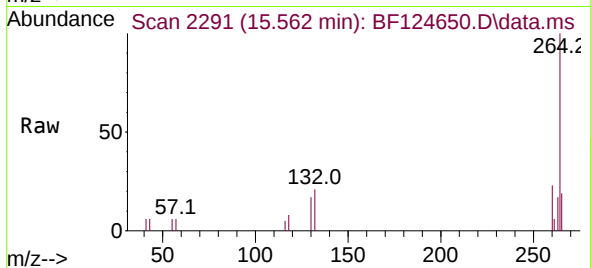




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF124650.D
 Acq: 21 Jul 2021 3:40

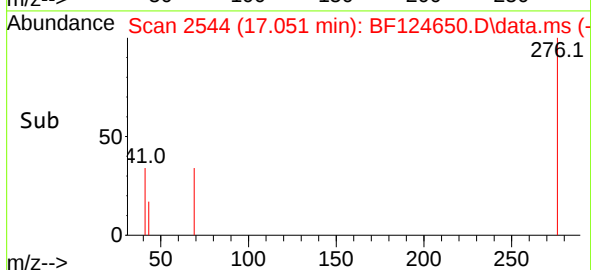
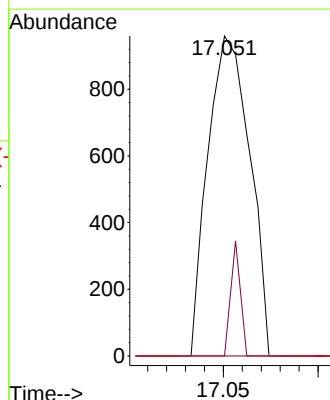
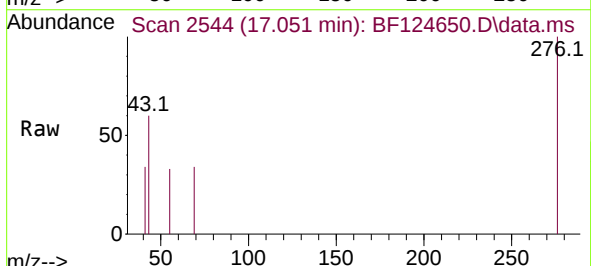
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-020-ABCD

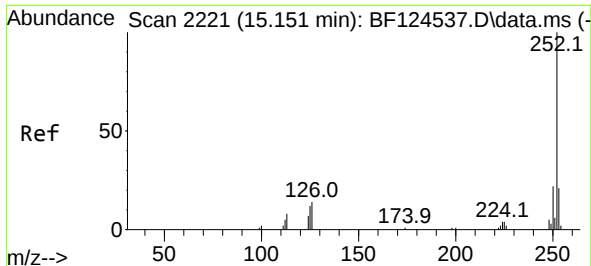
Tgt Ion:264	Resp:	7853
Ion Ratio	Lower	Upper
264	100	
260	22.5	19.6 29.4
265	19.1	17.2 25.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.25 ng
 RT: 17.051 min Scan# 2544
 Delta R.T. -0.029 min
 Lab File: BF124650.D
 Acq: 21 Jul 2021 3:40

Tgt Ion:276	Resp:	1478
Ion Ratio	Lower	Upper
276	100	
138	8.3	24.1 36.1#
277	0.0	18.8 28.2#

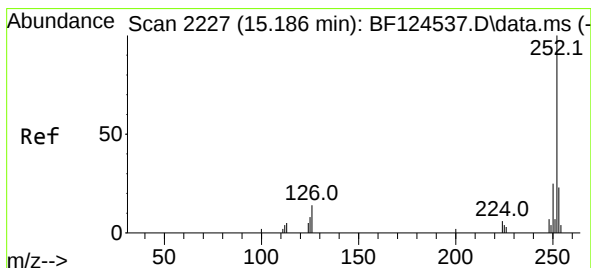
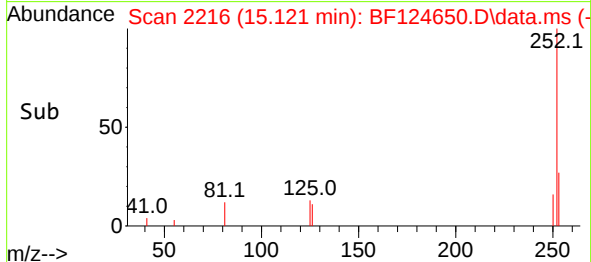
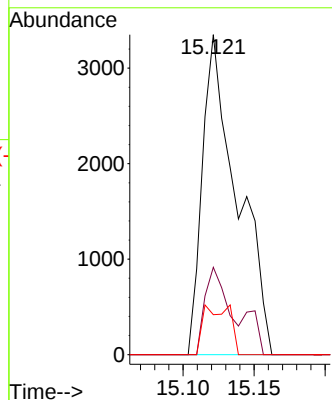
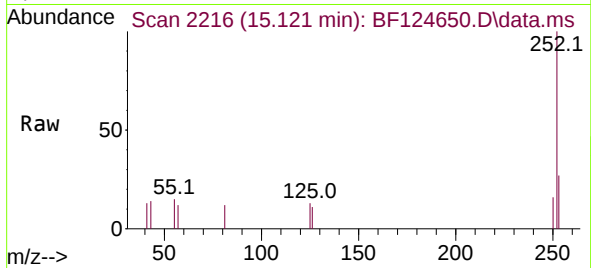




#88
Benzo(b)fluoranthene
Concen: 10.14 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.012 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

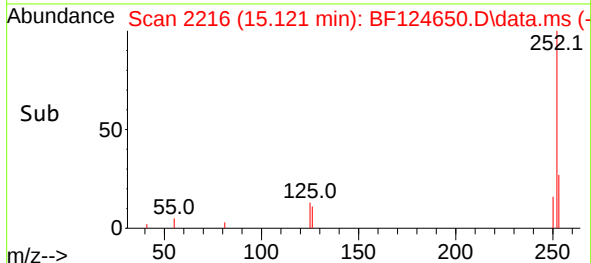
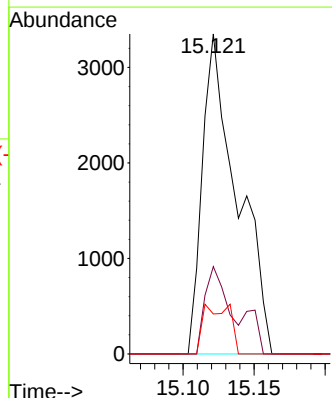
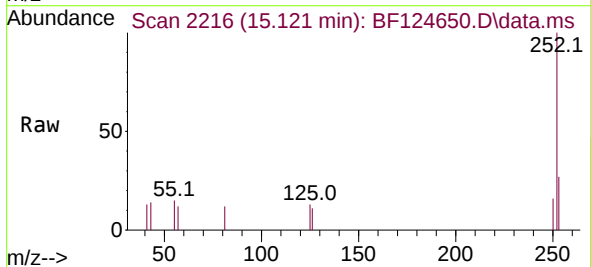
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-020-ABCD

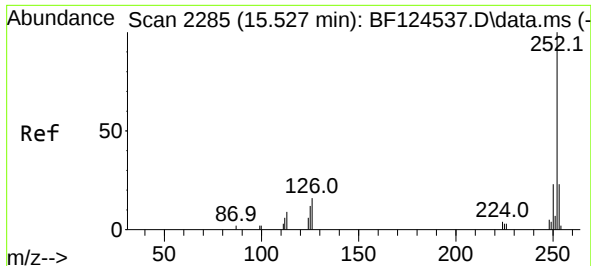
Tgt Ion:252 Resp: 5717
Ion Ratio Lower Upper
252 100
253 27.3 16.8 25.2#
125 12.5 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 11.05 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.047 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

Tgt Ion:252 Resp: 5717
Ion Ratio Lower Upper
252 100
253 27.3 17.8 26.8#
125 12.5 7.2 10.8#

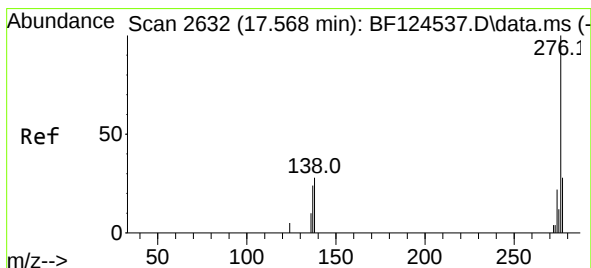
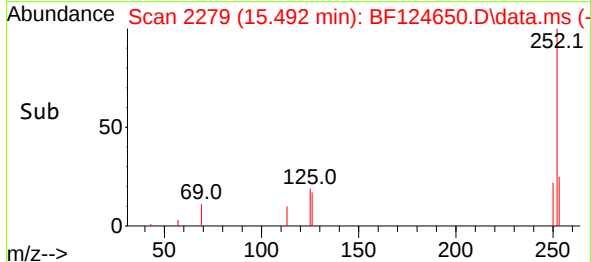
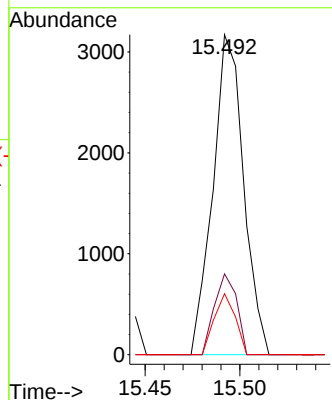
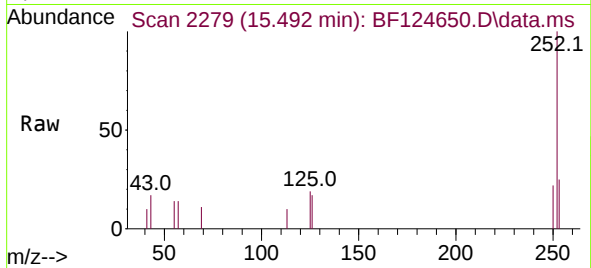




#90
Benzo(a)pyrene
Concen: 7.68 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.018 min
Lab File: BF124650.D
Acq: 21 Jul 2021 3:40

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

Tgt Ion: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: 4.01 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

