

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124843.D
 Acq On : 28 Jul 2021 23:44
 Operator : JU/CG
 Sample : M3174-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-021-ABCD

Quant Time: Jul 29 02:12:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

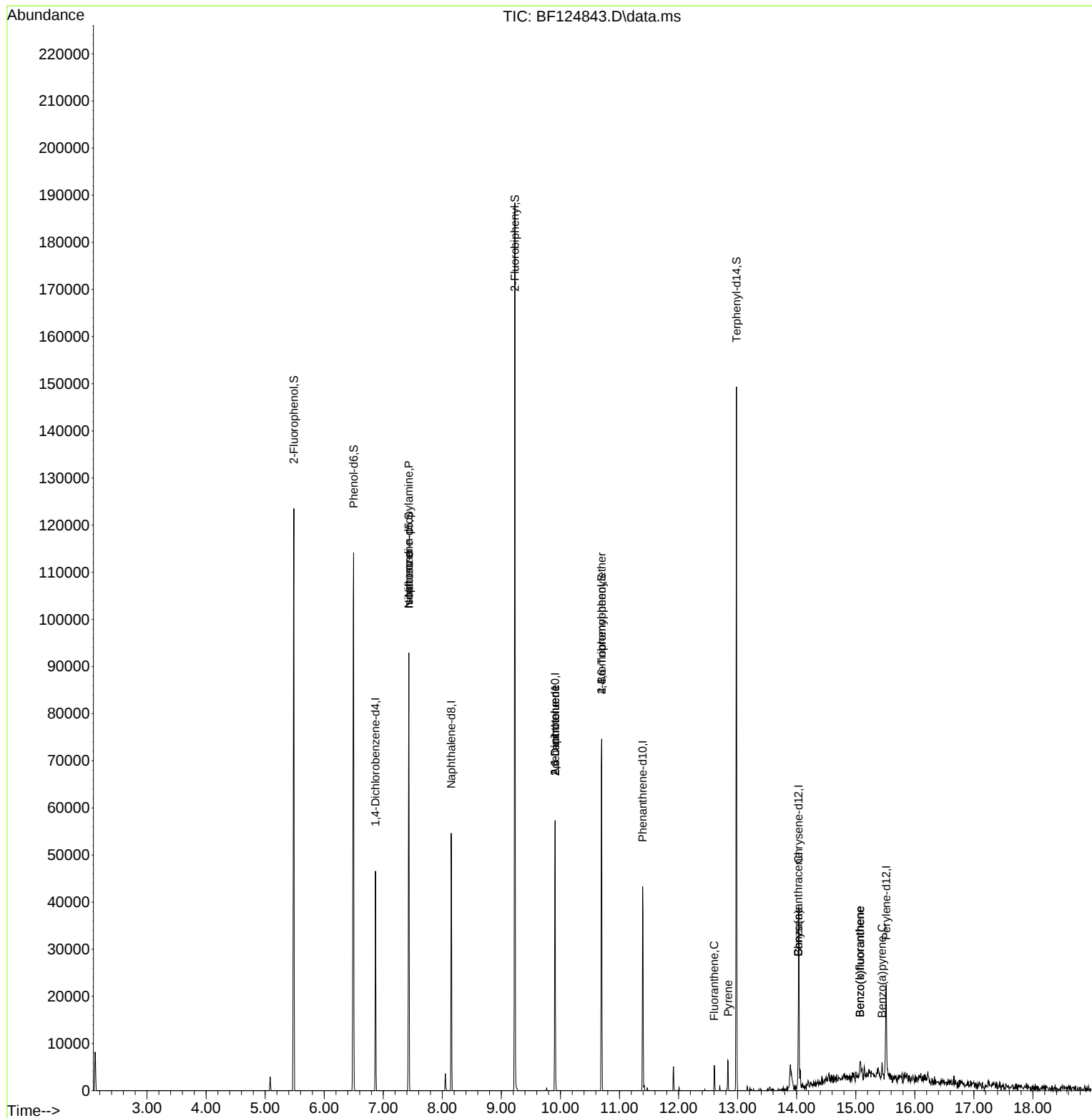
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6251	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22933	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	11613	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	17579	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	13427	20.00	ng	0.00
86) Perylene-d12	15.515	264	10097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	31052	84.11	ng	0.00
7) Phenol-d6	6.498	99	36581	79.04	ng	0.00
23) Nitrobenzene-d5	7.434	82	25580	66.39	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	7941	79.64	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	53031	67.07	ng	0.00
79) Terphenyl-d14	12.980	244	44048	56.23	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3392	13.72	ng	# 63
25) Isophorone	7.434	82	25578	37.54	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1430	8.09	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1430	5.97	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	376	2.02	ng	# 1
75) Fluoranthene	12.604	202	2870	2.97	ng	98
78) Pyrene	12.839	202	3273	3.08	ng	96
81) Benzo(a)anthracene	14.027	228	2412	2.75	ng	95
83) Chrysene	14.027	228	2412	2.85	ng	96
88) Benzo(b)fluoranthene	15.074	252	3488	4.91	ng	# 81
89) Benzo(k)fluoranthene	15.074	252	3488	5.37	ng	# 86
90) Benzo(a)pyrene	15.445	252	1971	3.32	ng	# 73

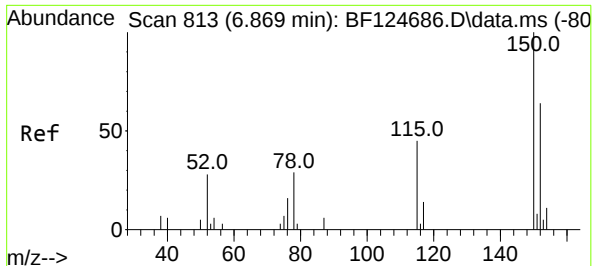
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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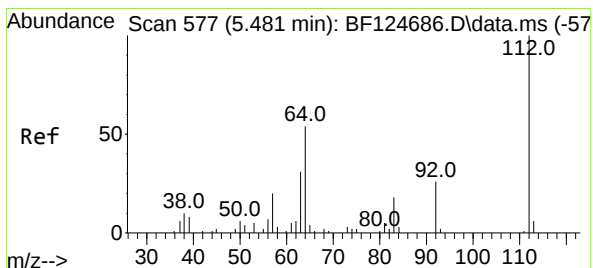
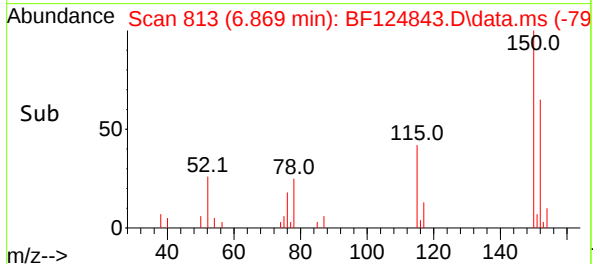
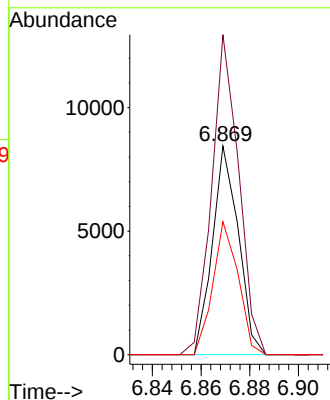
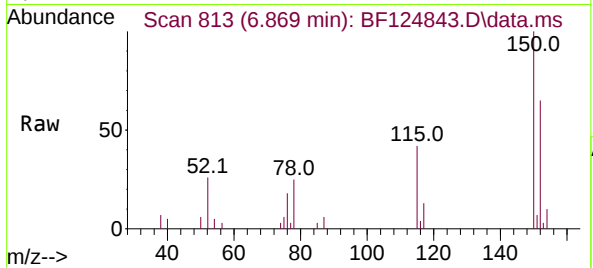




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

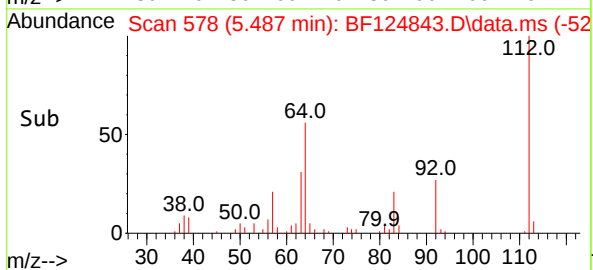
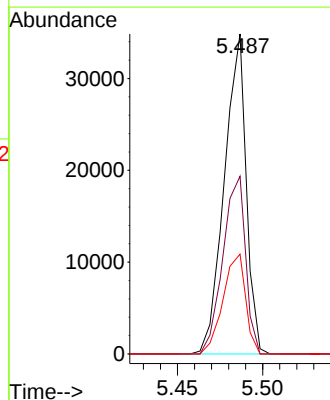
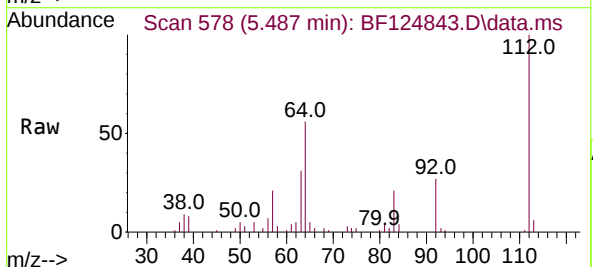
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

Tgt Ion:152 Resp: 6251
Ion Ratio Lower Upper
152 100
150 153.4 117.6 176.4
115 63.8 47.1 70.7



#5
2-Fluorophenol
Concen: 84.11 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:112 Resp: 31052
Ion Ratio Lower Upper
112 100
64 55.6 44.2 66.2
63 31.2 26.2 39.2

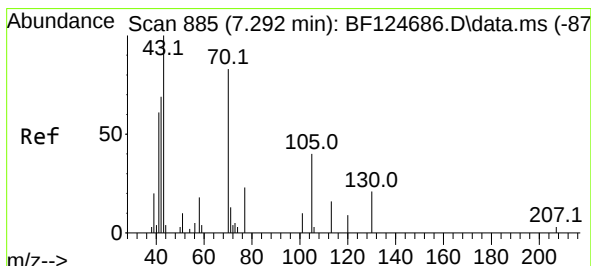
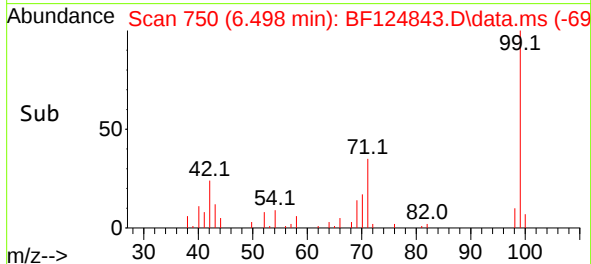
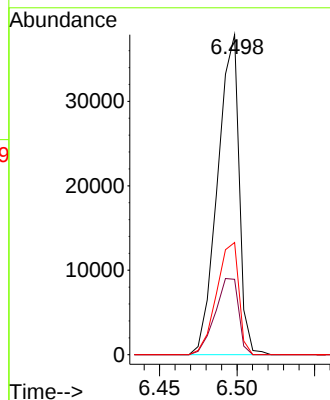
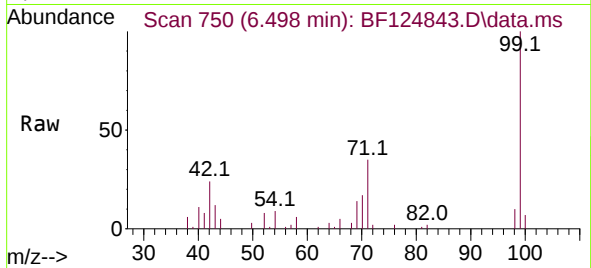




#7
Phenol-d6
Concen: 79.04 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

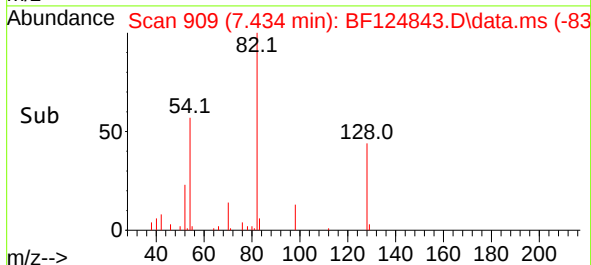
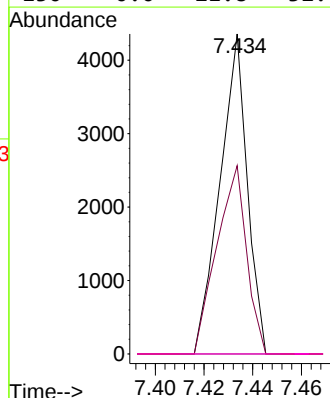
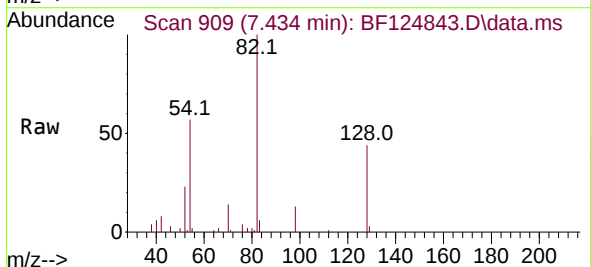
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

Tgt Ion:	99	Resp:	36581
Ion	Ratio	Lower	Upper
99	100		
42	23.6	23.5	35.3
71	35.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.72 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:	70	Resp:	3392
Ion	Ratio	Lower	Upper
70	100		
42	58.9	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

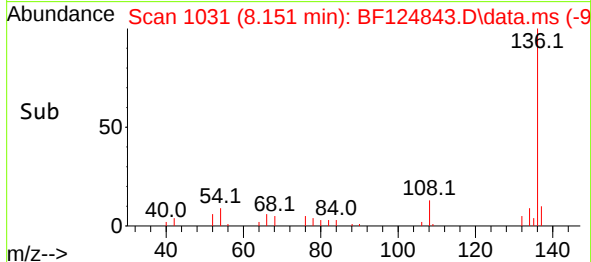
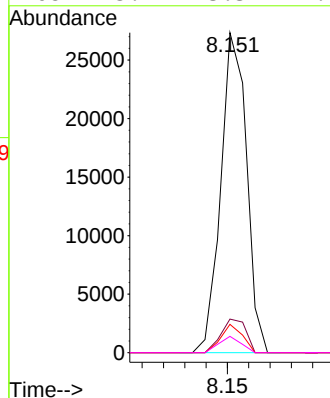
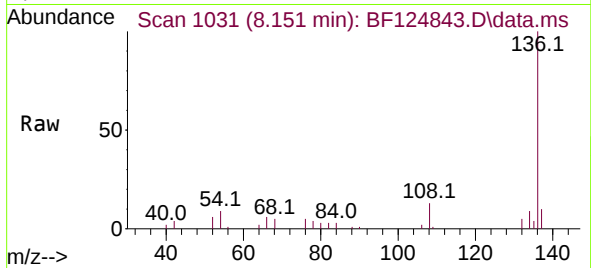




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

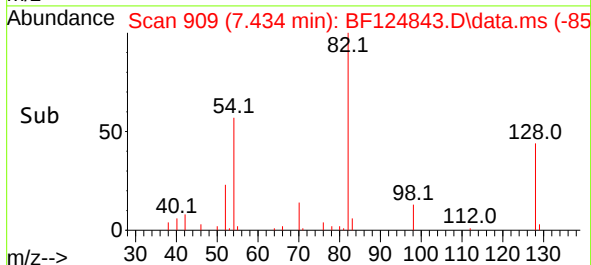
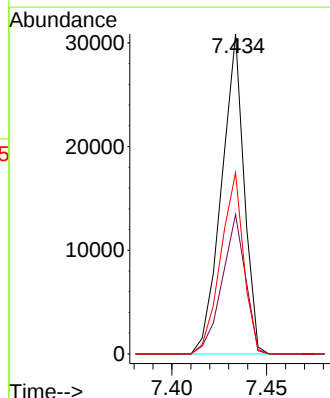
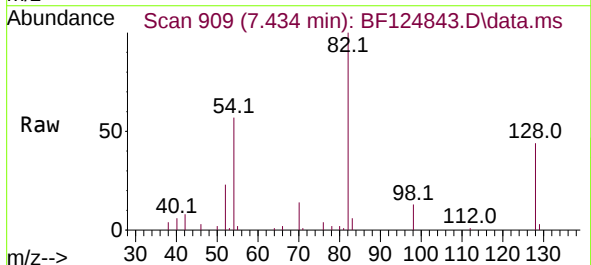
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

Tgt Ion:	136	Resp:	22933
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.8	14.6
54	8.8	6.4	9.6
68	5.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 66.39 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:	82	Resp:	25580
Ion Ratio	Lower	Upper	
82	100		
128	43.6	40.6	60.8
54	56.7	49.6	74.4

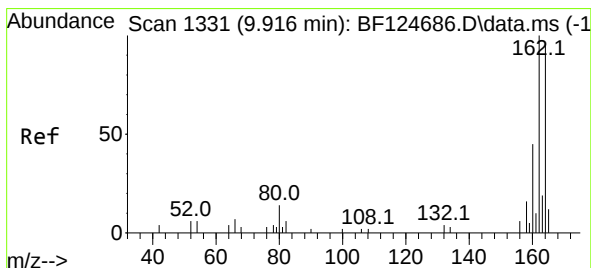
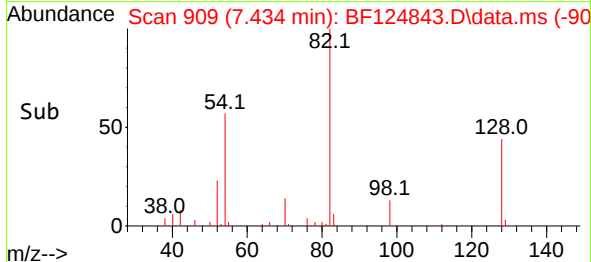
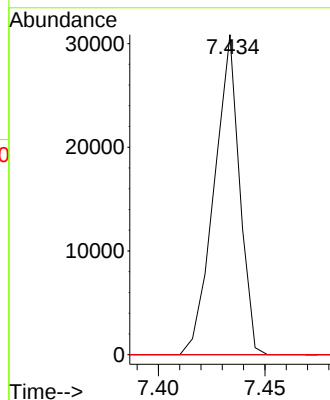
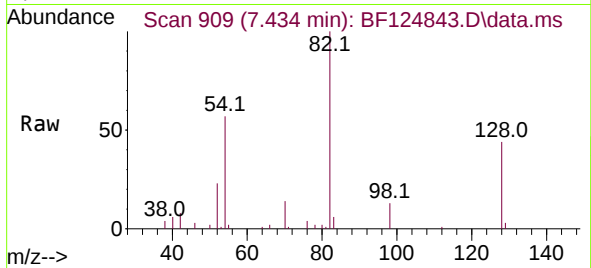




#25
Isophorone
Concen: 37.54 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

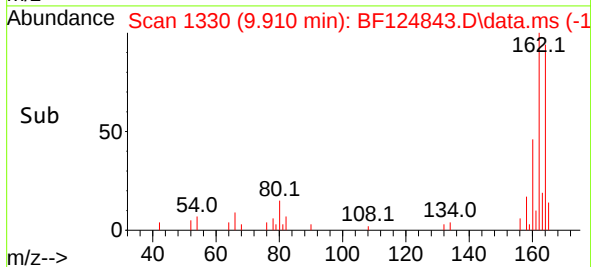
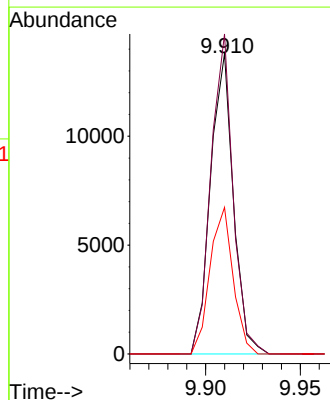
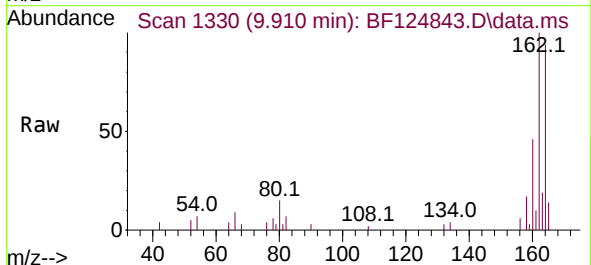
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

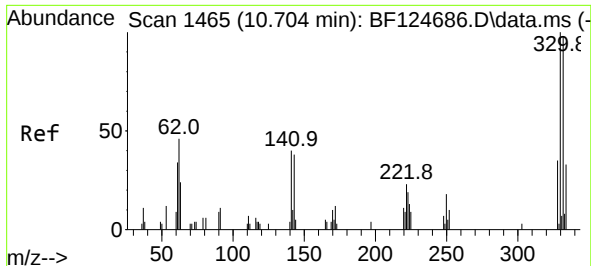
Tgt Ion: 82 Resp: 25578
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion: 164 Resp: 11613
Ion Ratio Lower Upper
164 100
162 106.5 81.3 121.9
160 48.8 38.0 57.0

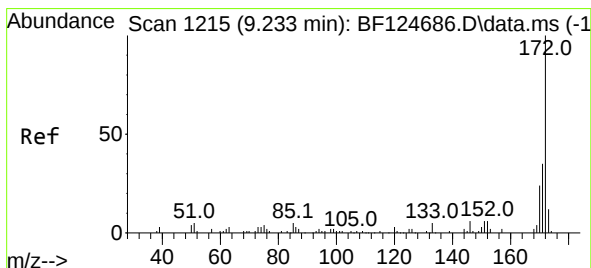
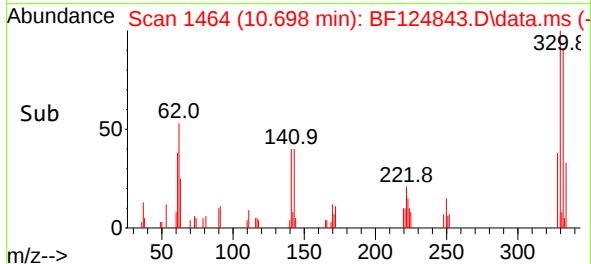
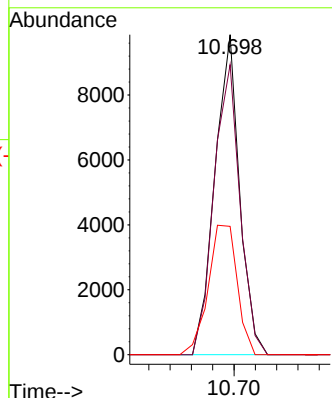
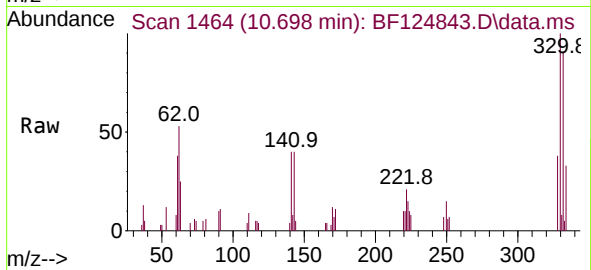




#42
2,4,6-Tribromophenol
Concen: 79.64 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

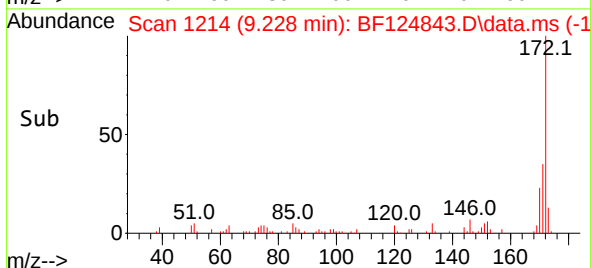
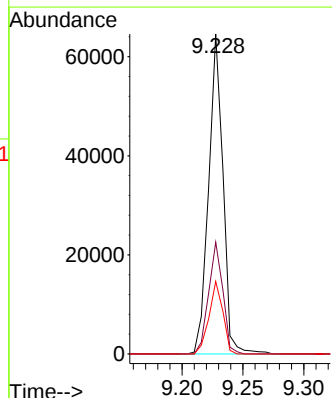
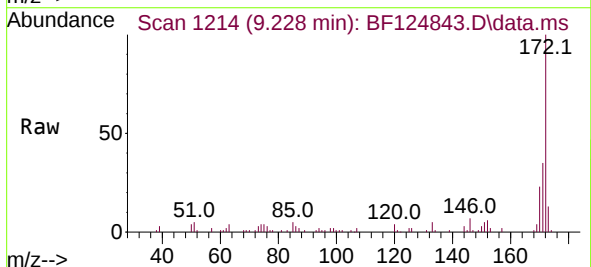
Instrument :
BNA_F
ClientSampleId :
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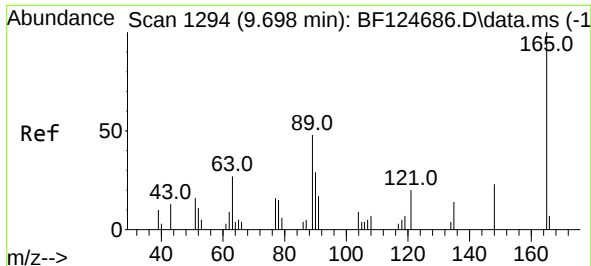
Tgt Ion:330 Resp: 7941
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 47.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 67.07 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:172 Resp: 53031
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 22.7 18.8 28.2

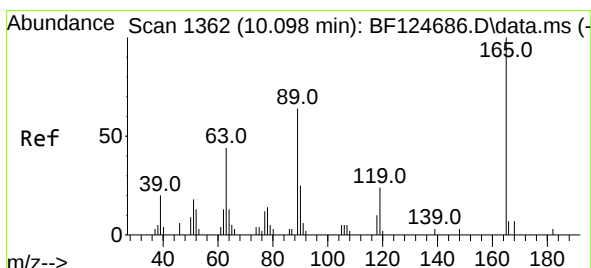
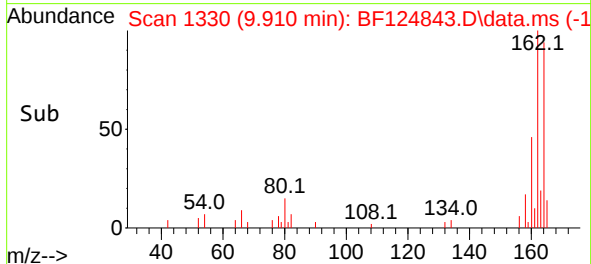
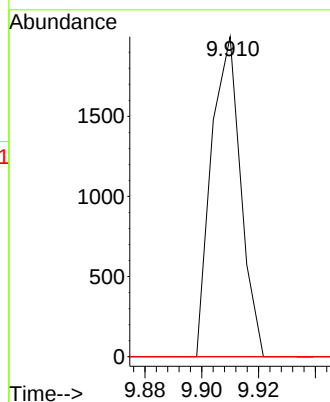
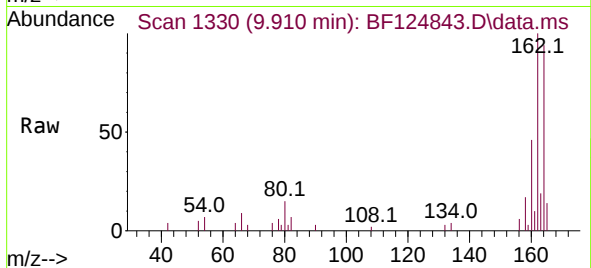




#51
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

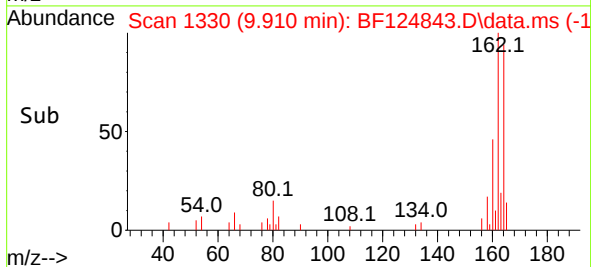
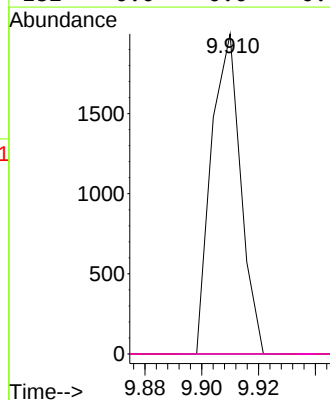
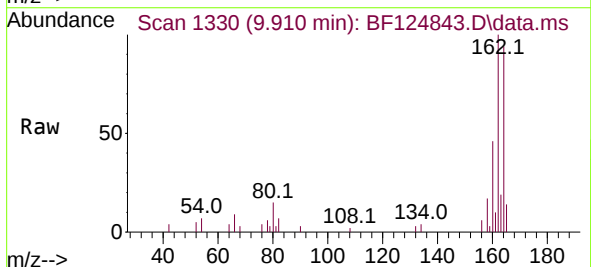
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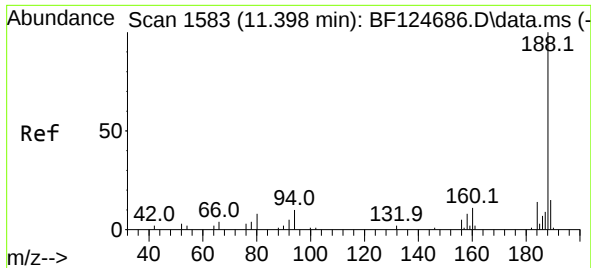
Tgt Ion:165 Resp: 1430
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:165 Resp: 1430
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

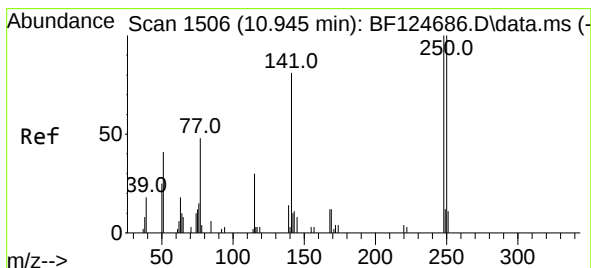
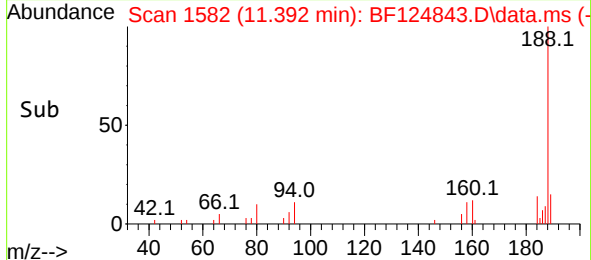
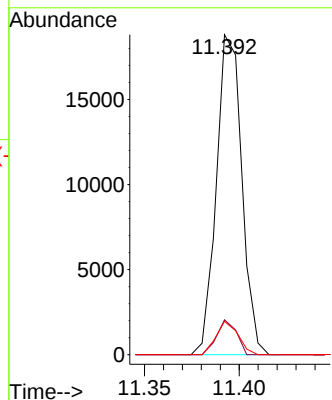
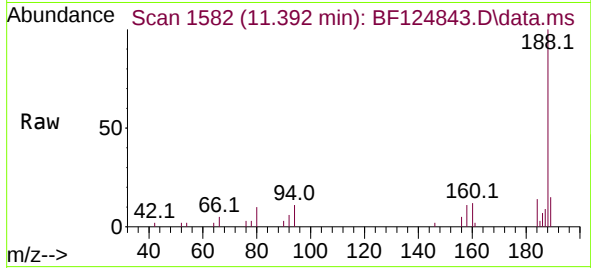




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

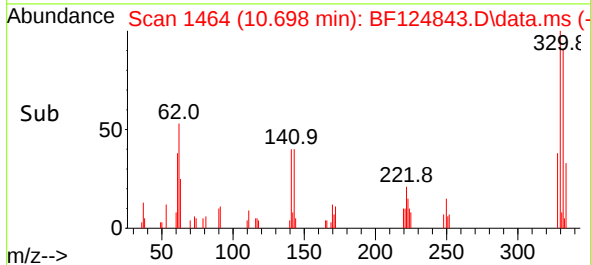
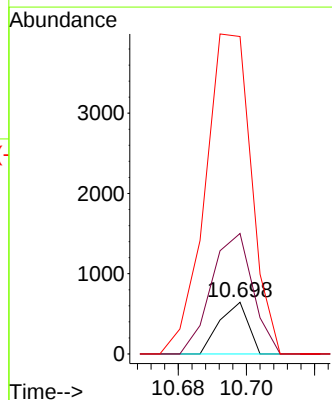
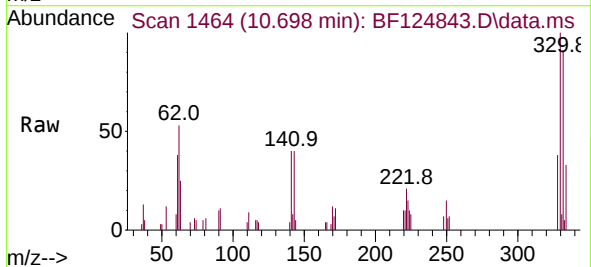
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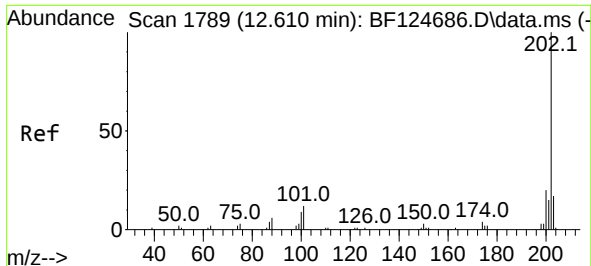
Tgt Ion:188 Resp: 17579
Ion Ratio Lower Upper
188 100
94 10.9 6.7 10.1#
80 10.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.02 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:248 Resp: 376
Ion Ratio Lower Upper
248 100
250 233.4 74.2 111.4#
141 615.2 60.4 90.6#

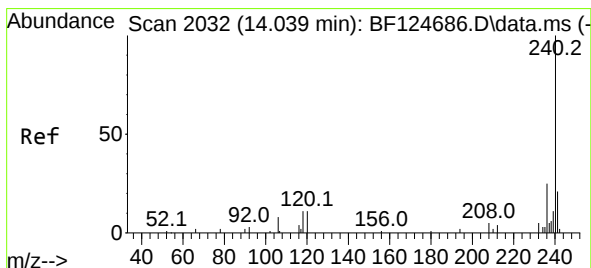
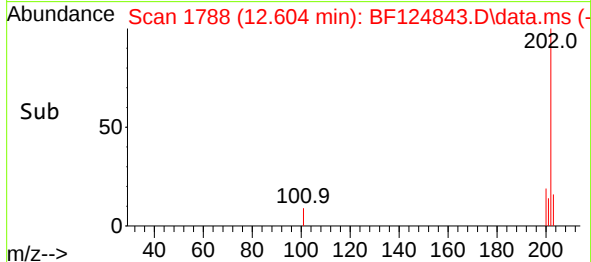
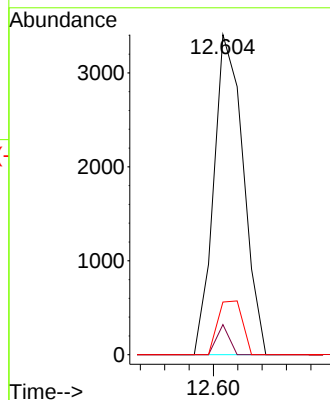
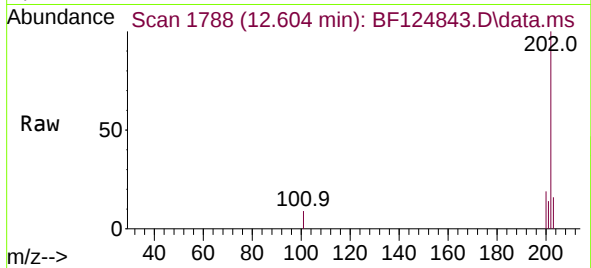




#75
Fluoranthene
Concen: 2.97 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

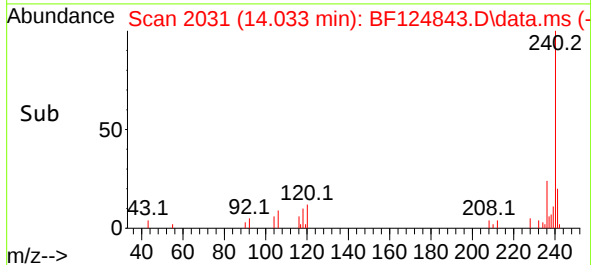
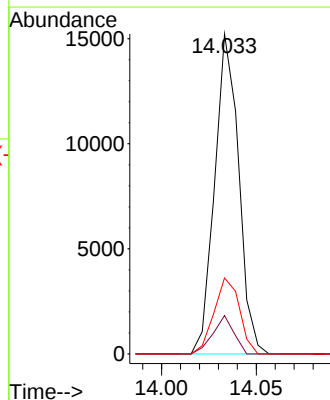
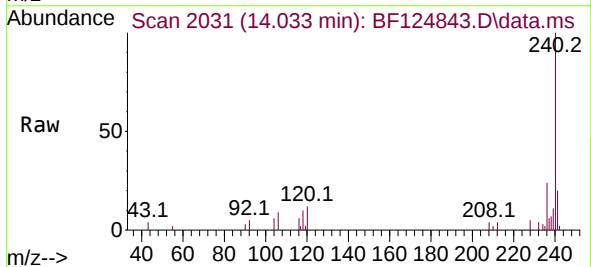
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

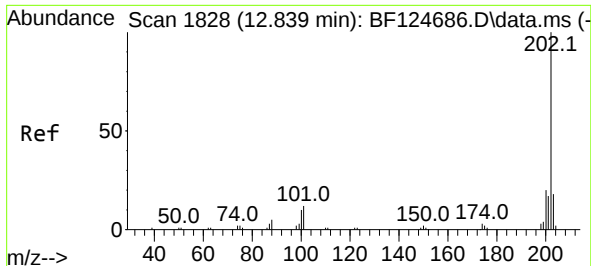
Tgt Ion:202	Resp:	2870
Ion Ratio	Lower	Upper
202	100	
101	9.4	0.0 30.7
203	16.4	0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

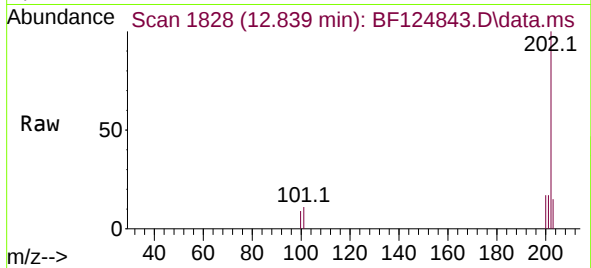
Tgt Ion:240	Resp:	13427
Ion Ratio	Lower	Upper
240	100	
120	12.0	10.8 16.2
236	23.8	21.6 32.4



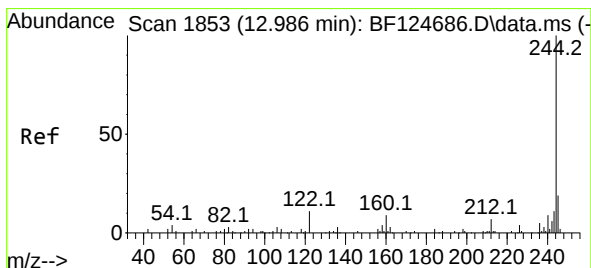
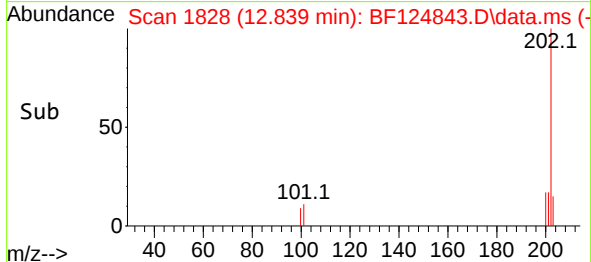
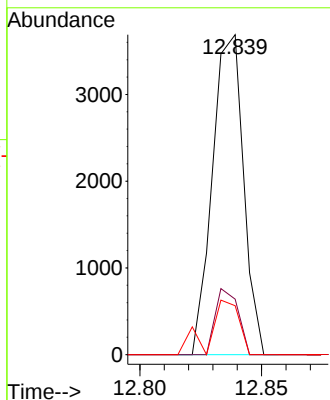


#78
Pyrene
Concen: 3.08 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

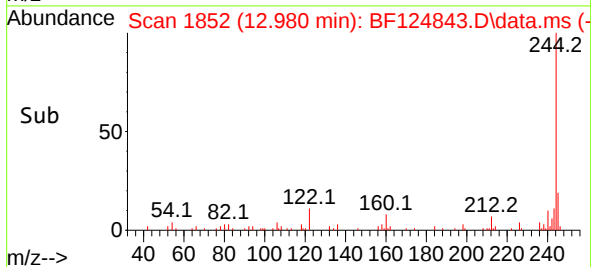
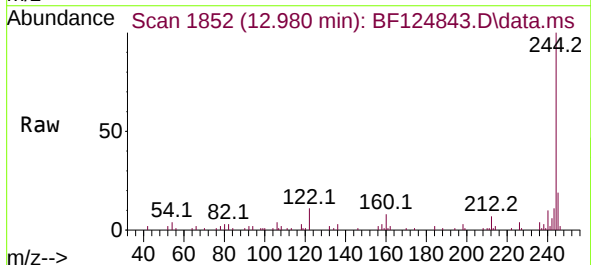
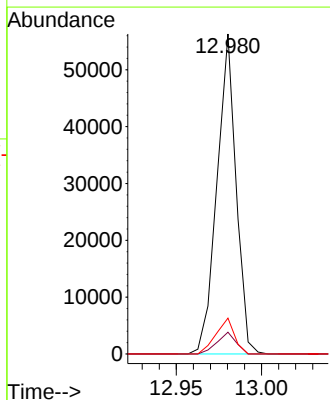


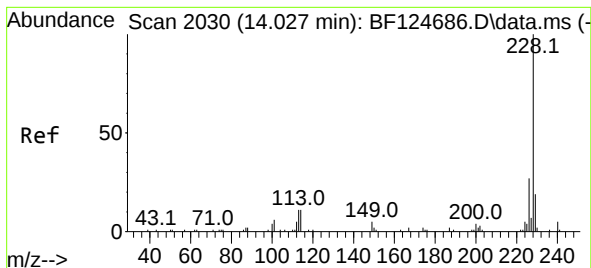
Tgt Ion:	202	Resp:	3273
Ion Ratio	Lower	Upper	
202	100		
200	17.3	15.3	22.9
203	15.3	13.4	20.0



#79
Terphenyl-d14
Concen: 56.23 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:	244	Resp:	44048
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.9	8.9
122	11.2	9.0	13.4

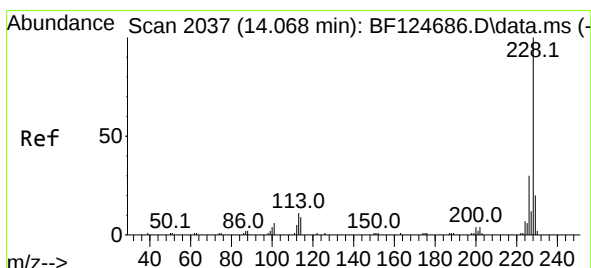
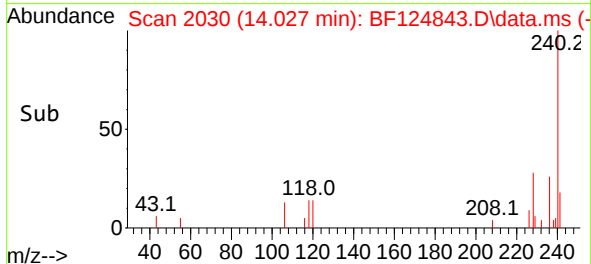
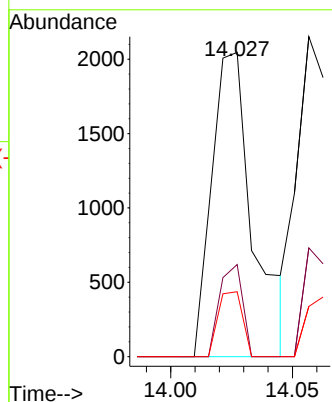
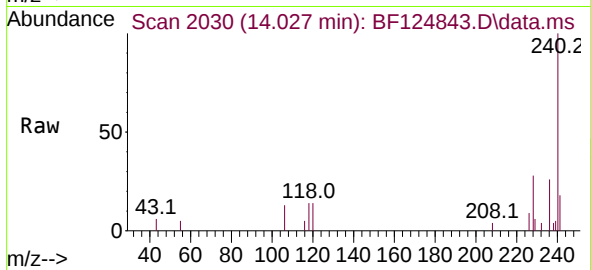




#81
Benzo(a)anthracene
Concen: 2.75 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

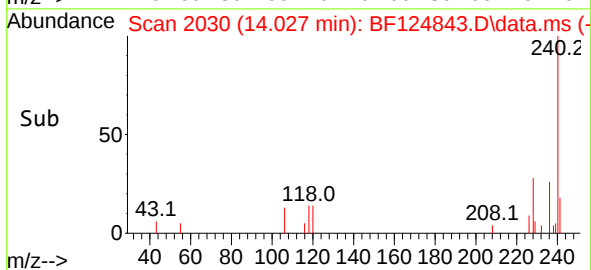
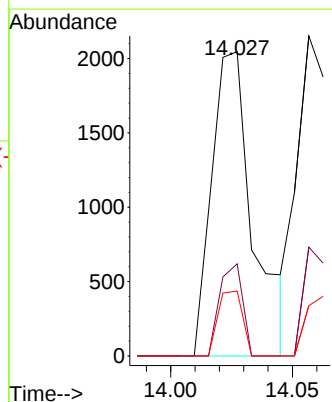
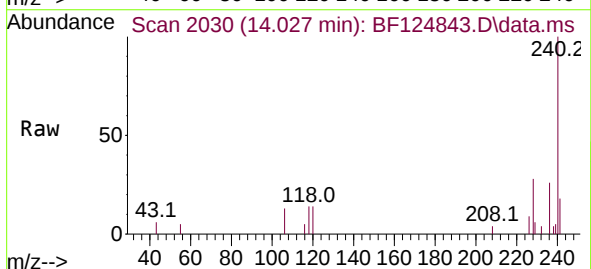
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

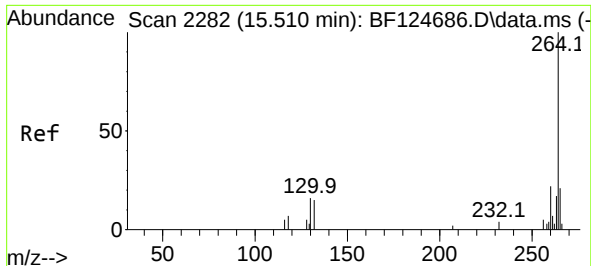
Tgt Ion:228 Resp: 2412
Ion Ratio Lower Upper
228 100
226 30.3 21.6 32.4
229 21.3 15.6 23.4



#83
Chrysene
Concen: 2.85 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.041 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:228 Resp: 2412
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 21.3 15.9 23.9

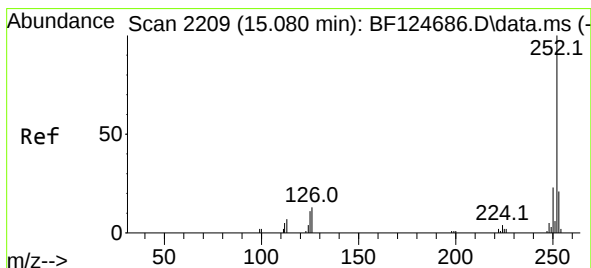
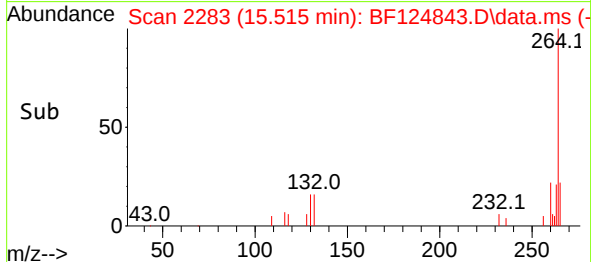
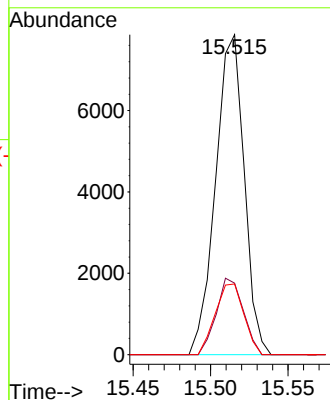
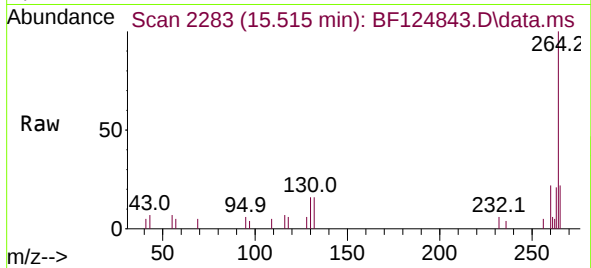




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

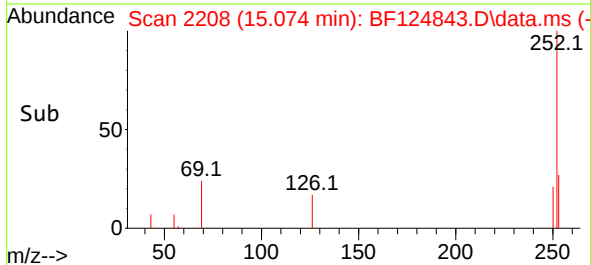
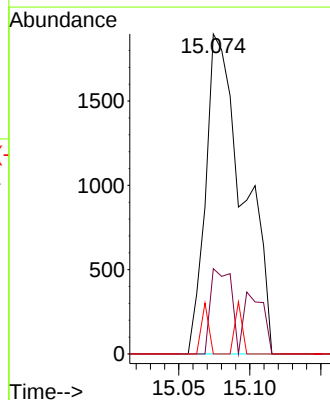
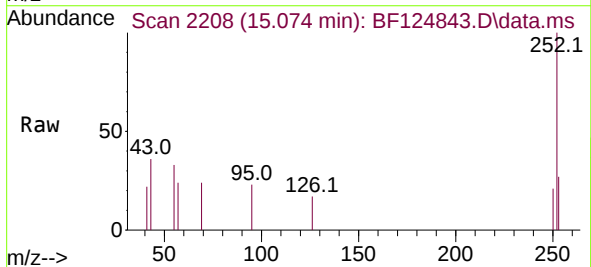
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

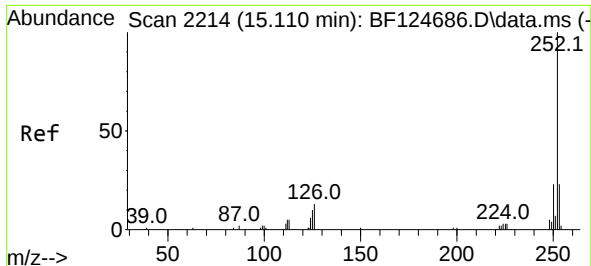
Tgt Ion:264 Resp: 10097
Ion Ratio Lower Upper
264 100
260 22.3 19.6 29.4
265 22.1 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 4.91 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:252 Resp: 3488
Ion Ratio Lower Upper
252 100
253 26.7 16.8 25.2#
125 0.0 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 5.37 ng

RT: 15.074 min Scan# 2208

Delta R.T. -0.035 min

Lab File: BF124843.D

Acq: 28 Jul 2021 23:44

Tgt Ion:252 Resp: 3488

Ion Ratio Lower Upper

252 100

253 26.7 17.8 26.8

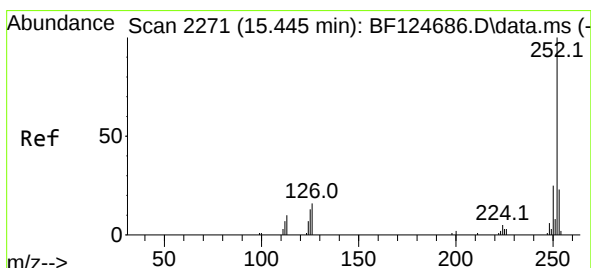
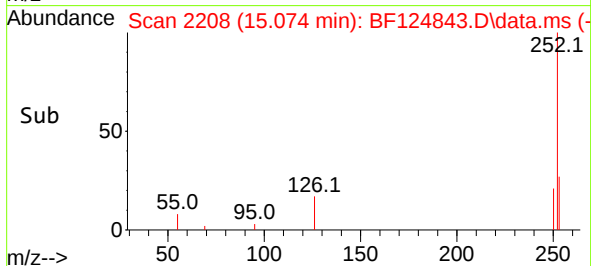
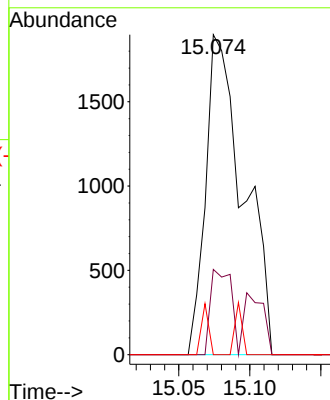
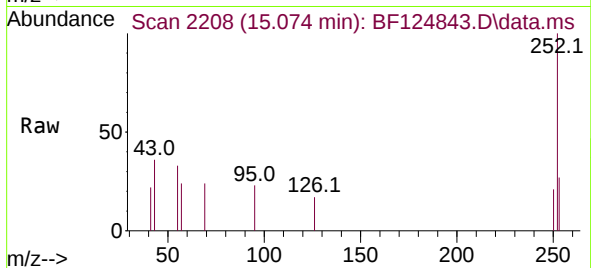
125 0.0 7.2 10.8#

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-021-ABCD



#90

Benzo(a)pyrene

Concen: 3.32 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF124843.D

Acq: 28 Jul 2021 23:44

Tgt Ion:252 Resp: 1971

Ion Ratio Lower Upper

252 100

253 36.6 18.4 27.6#

125 22.2 9.9 14.9#

