

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124097.D
 Acq On : 27 May 2021 17:47
 Operator : JU/CG
 Sample : M2536-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C7-C7A-D7-D7A

Quant Time: May 27 18:15:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

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

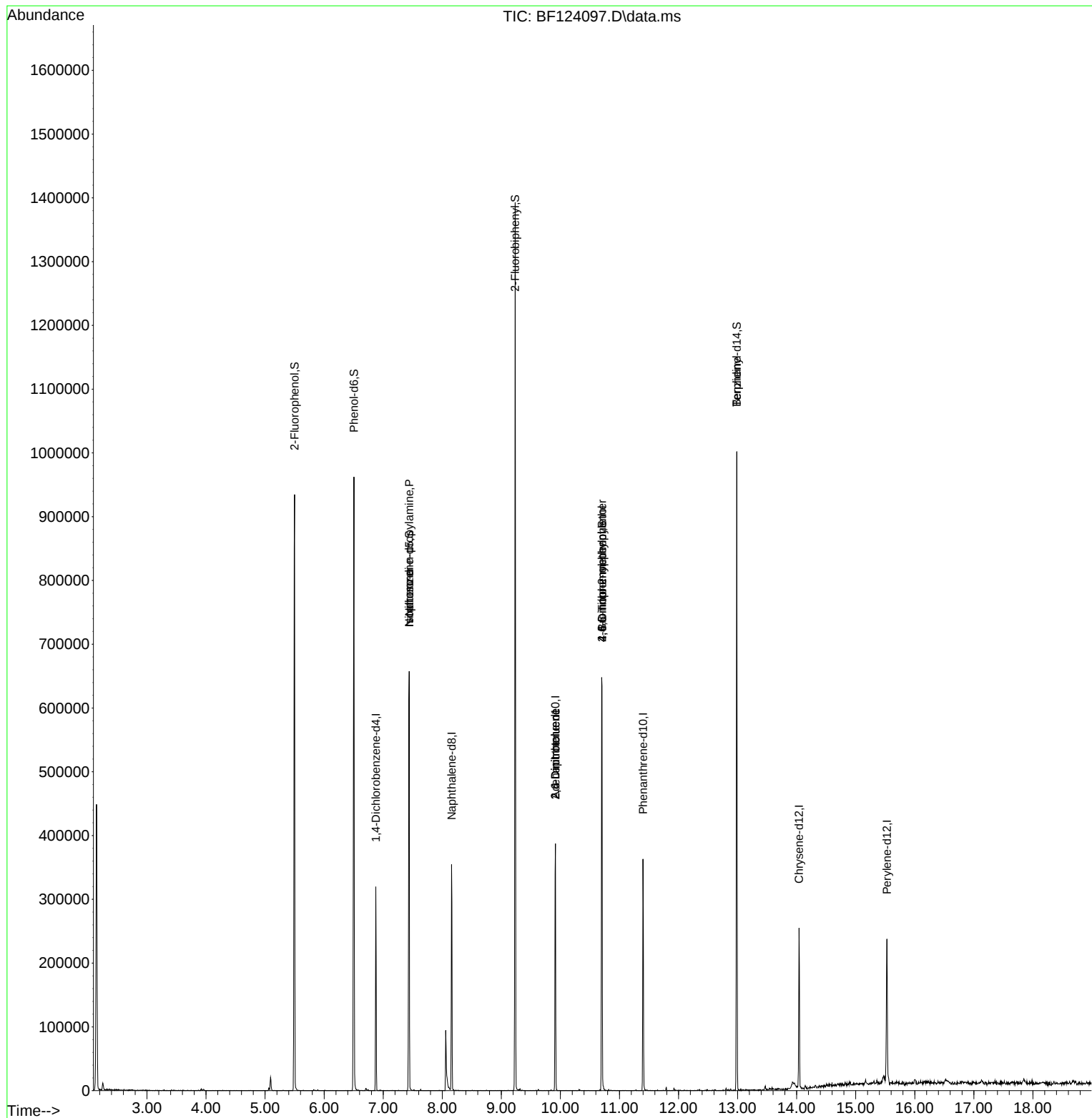
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	36914	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	133840	20.00	ng	# 0.00
39) Acenaphthene-d10	9.916	164	73109	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	118153	20.00	ng	0.00
76) Chrysene-d12	14.039	240	79285	20.00	ng	0.00
86) Perylene-d12	15.527	264	96717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	199789	75.99	ng	0.00
7) Phenol-d6	6.504	99	250884	73.56	ng	0.00
23) Nitrobenzene-d5	7.440	82	197574	63.60	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	71582	81.52	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	342599	57.67	ng	0.00
79) Terphenyl-d14	12.986	244	269191	51.42	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	28117	12.20	ng	# 71
25) Isophorone	7.440	82	197568	33.06	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	8932	7.57	ng	# 10
57) 2,4-Dinitrotoluene	9.916	165	8932	6.17	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.704	198	419	5.93	ng	# 49
67) 4-Bromophenyl-phenylether	10.704	248	4723	3.04	ng	# 1
77) Benzidine	12.986	184	4240	2.22	ng	# 90

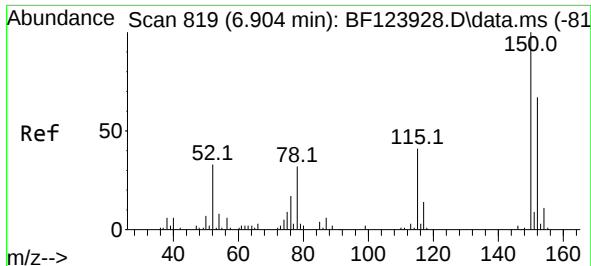
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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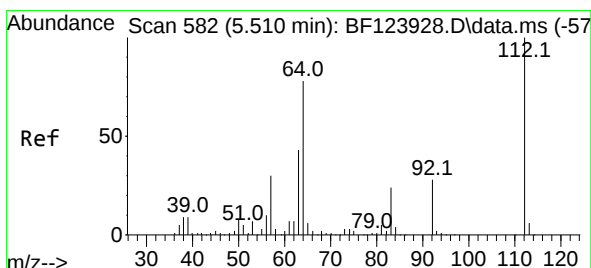
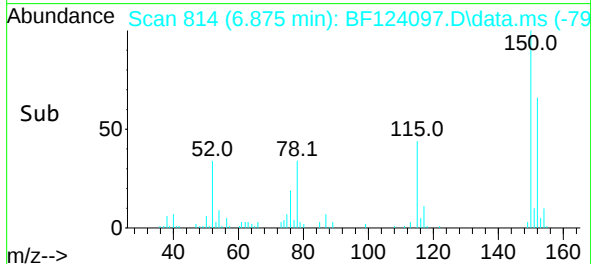
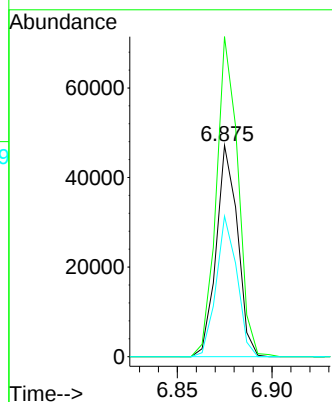
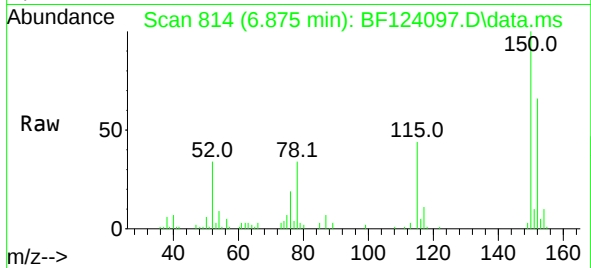




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

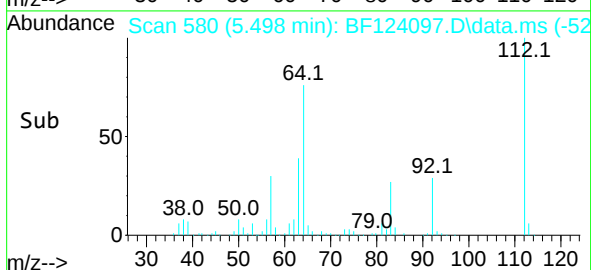
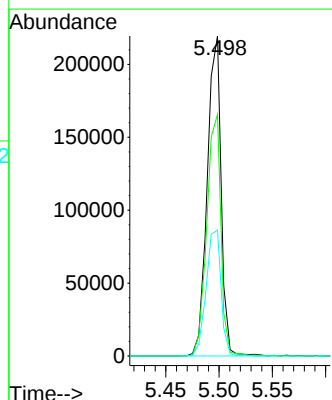
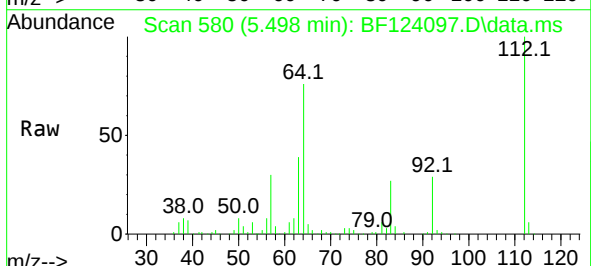
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

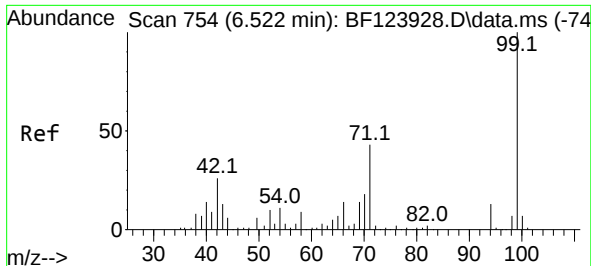
Tgt Ion:152 Resp: 36914
Ion Ratio Lower Upper
152 100
150 151.4 127.0 190.6
115 66.5 54.3 81.5



#5
2-Fluorophenol
Concen: 75.99 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

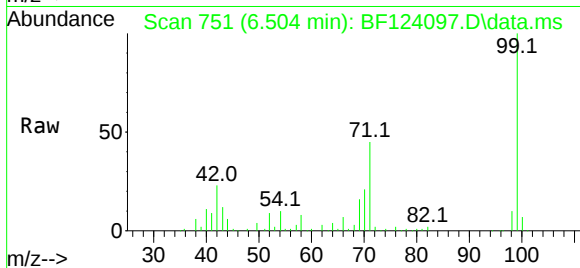
Tgt Ion:112 Resp: 199789
Ion Ratio Lower Upper
112 100
64 75.5 61.4 92.0
63 39.3 33.0 49.4



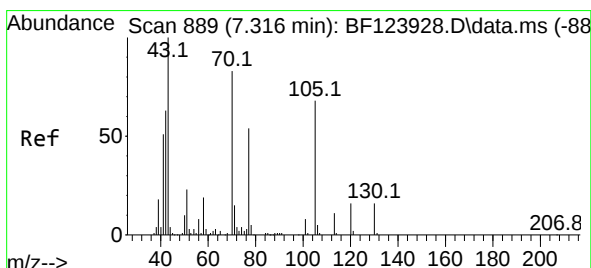
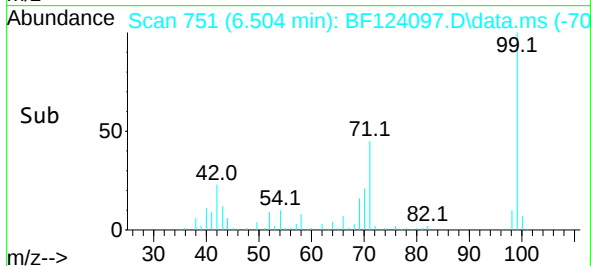
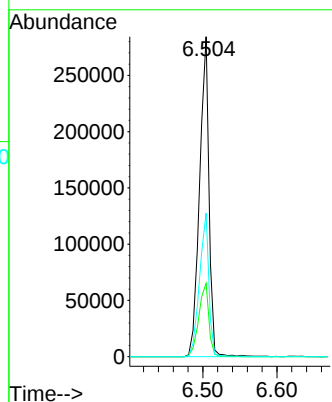


#7
Phenol-d6
Concen: 73.56 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

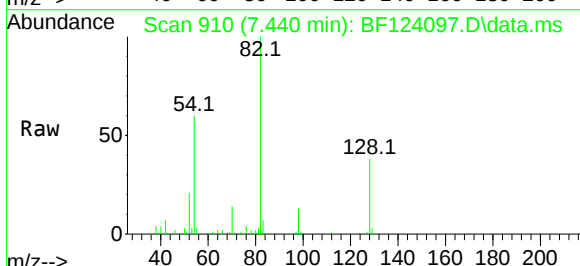
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A



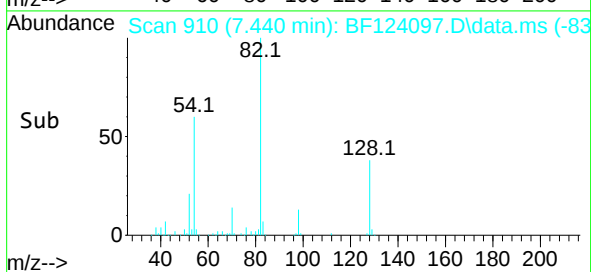
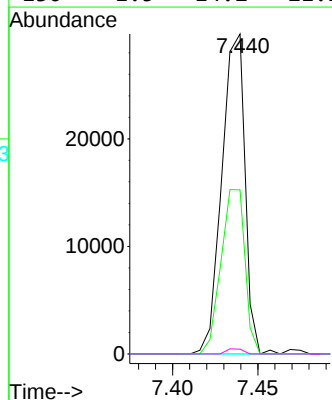
Tgt Ion: 99 Resp: 250884
Ion Ratio Lower Upper
99 100
42 22.9 19.8 29.8
71 44.9 31.1 46.7

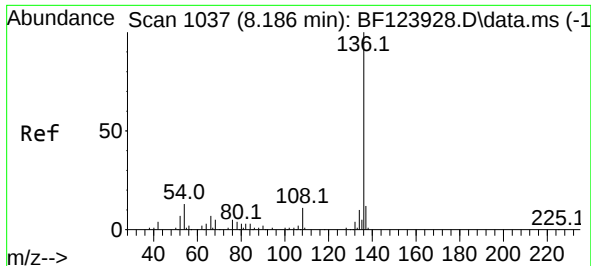


#19
n-Nitroso-di-n-propylamine
Concen: 12.20 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47



Tgt Ion: 70 Resp: 28117
Ion Ratio Lower Upper
70 100
42 51.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

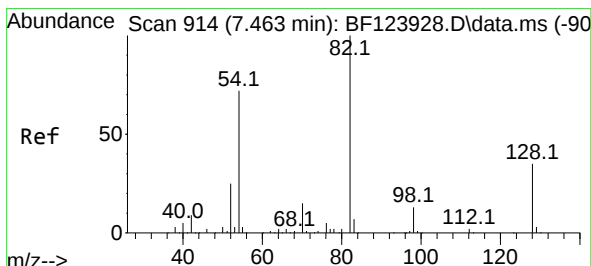
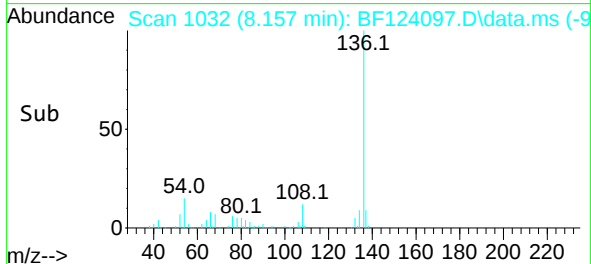
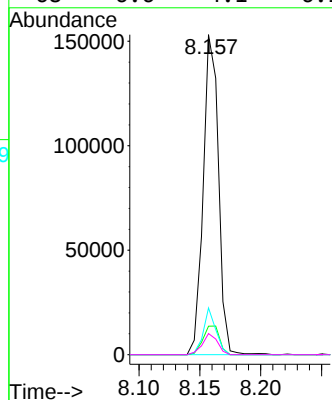
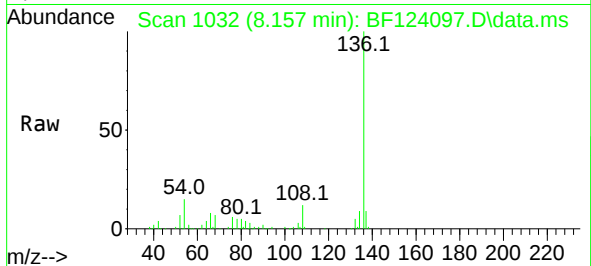




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

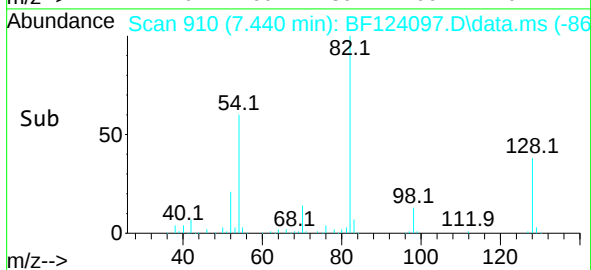
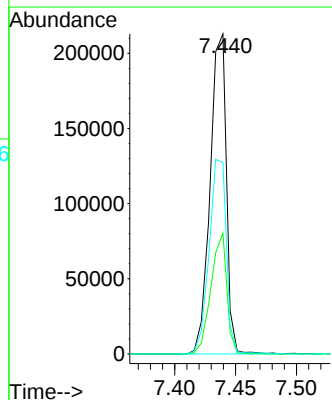
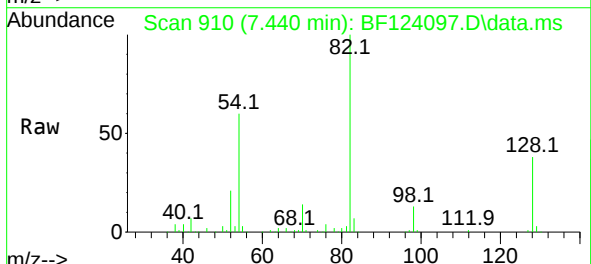
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

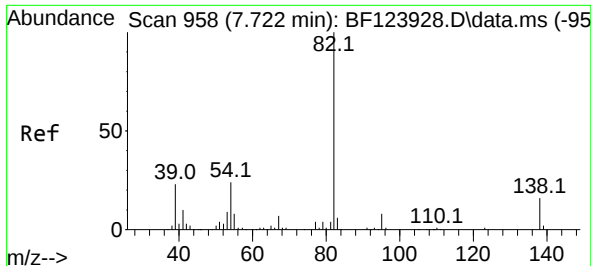
Tgt Ion:136	Resp:	133840
Ion Ratio	Lower	Upper
136	100	
137	8.9	8.7 13.1
54	14.6	9.8 14.6
68	6.6	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 63.60 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

Tgt Ion: 82	Resp:	197574
Ion Ratio	Lower	Upper
82	100	
128	37.8	29.4 44.2
54	59.9	54.1 81.1

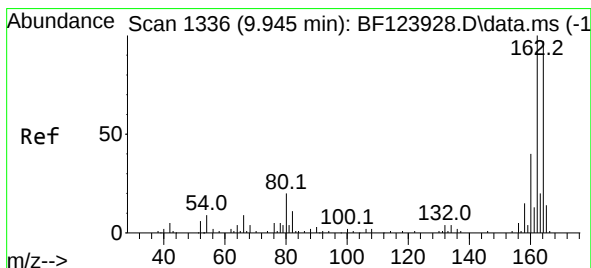
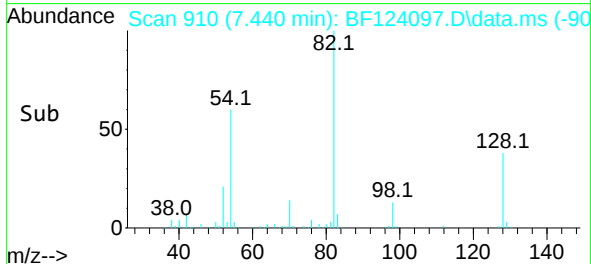
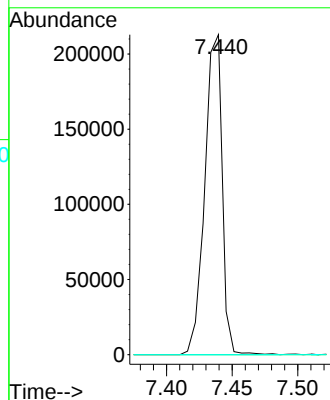
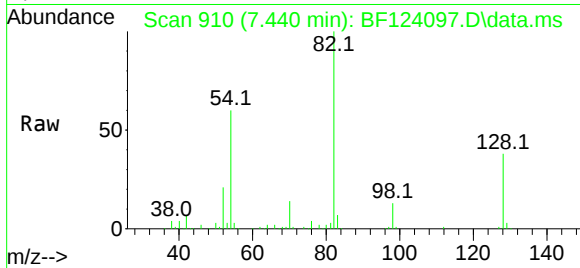




#25
Isophorone
Concen: 33.06 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

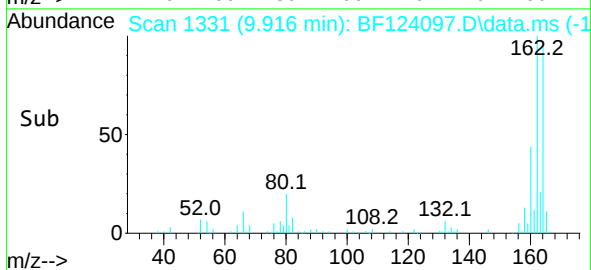
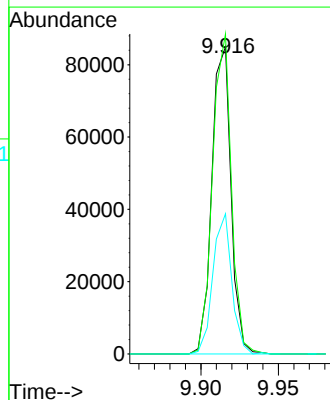
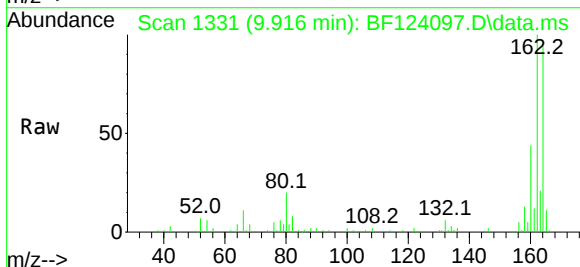
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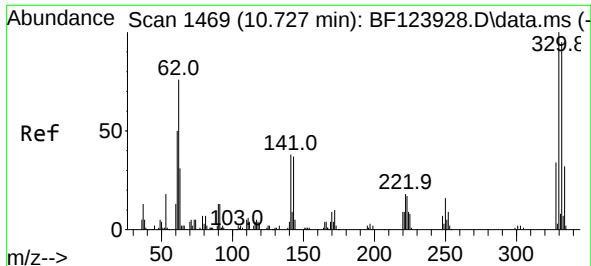
Tgt Ion: 82 Resp: 197568
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

Tgt Ion: 164 Resp: 73109
Ion Ratio Lower Upper
164 100
162 104.2 80.7 121.1
160 45.6 37.3 55.9

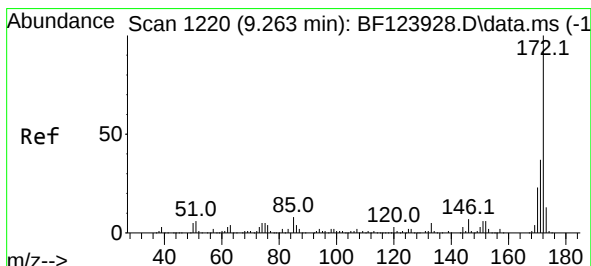
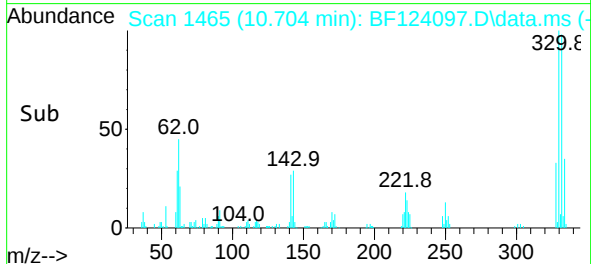
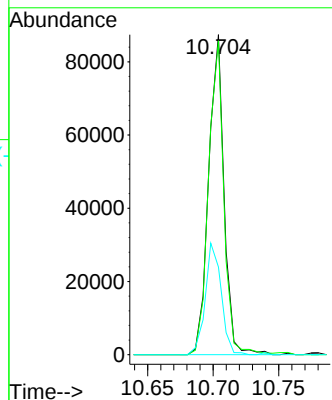
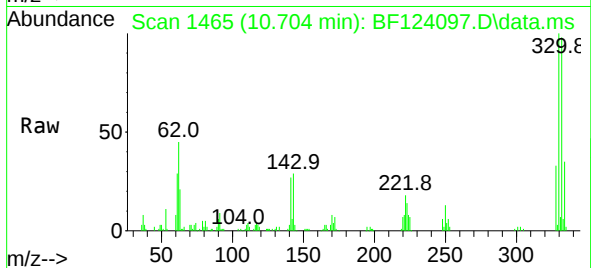




#42
2,4,6-Tribromophenol
Concen: 81.52 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

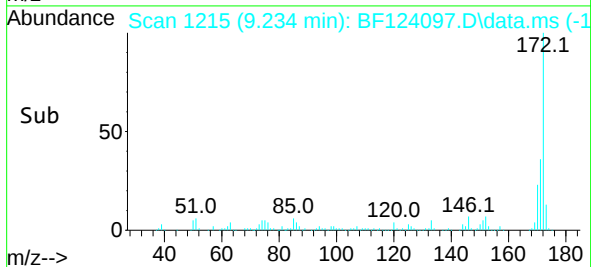
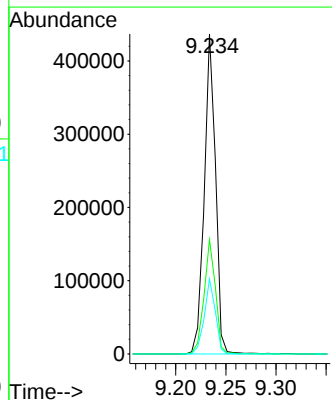
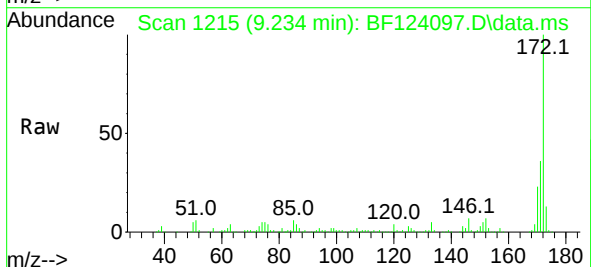
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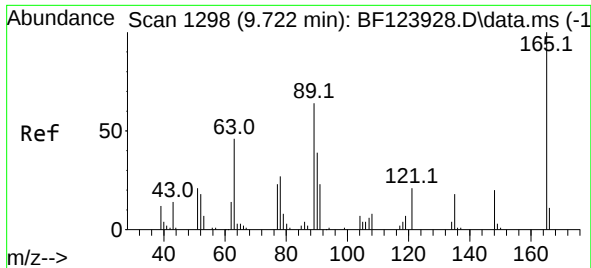
Tgt Ion: 330 Resp: 71582
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 36.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 57.67 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

Tgt Ion: 172 Resp: 342599
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.4 19.2 28.8

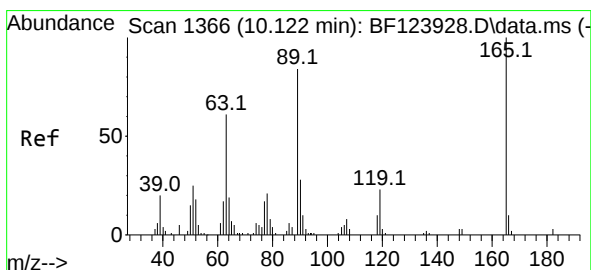
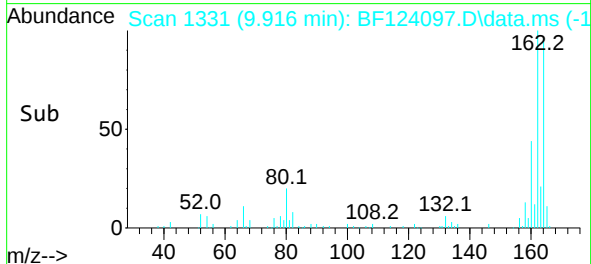
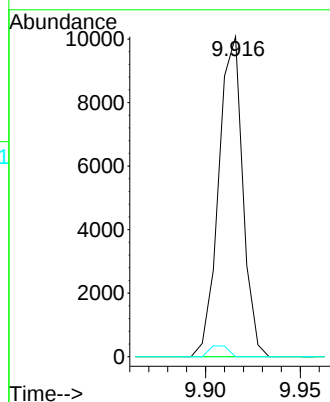
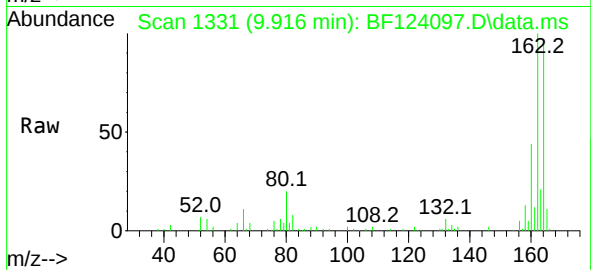




#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

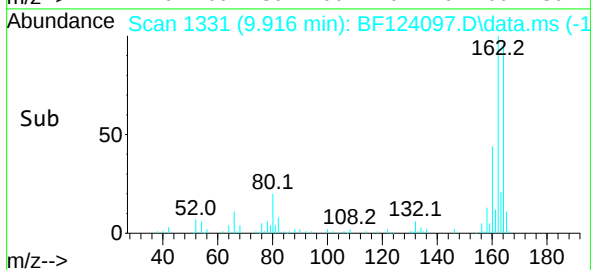
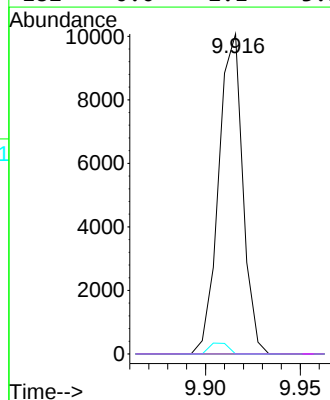
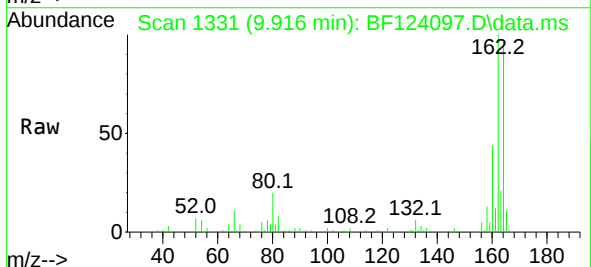
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FK-BPM-01-C7-C7A-D7-D7A

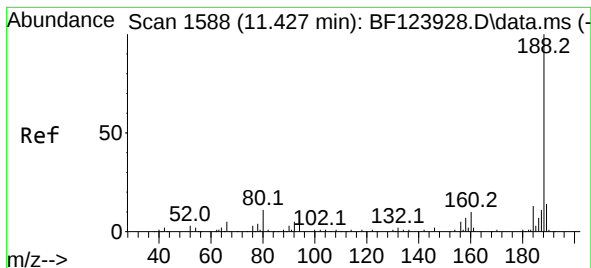
Tgt Ion:165 Resp: 8932
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

Tgt Ion:165 Resp: 8932
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF124097.D

Acq: 27 May 2021 17:47

Tgt Ion:188 Resp: 118153

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

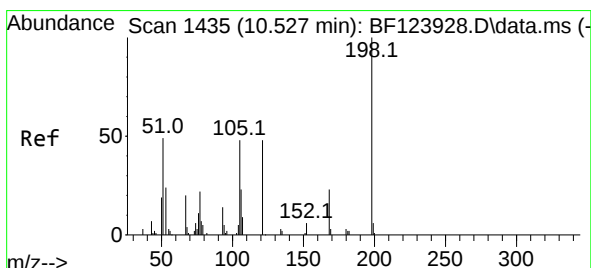
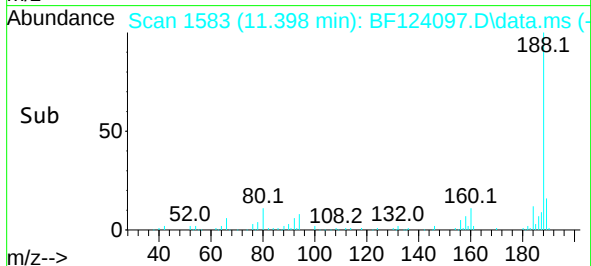
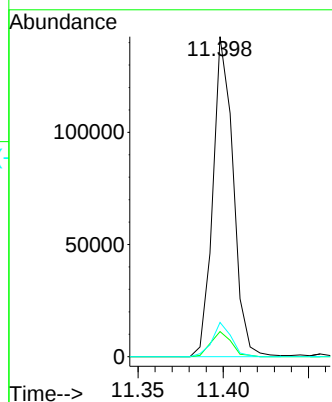
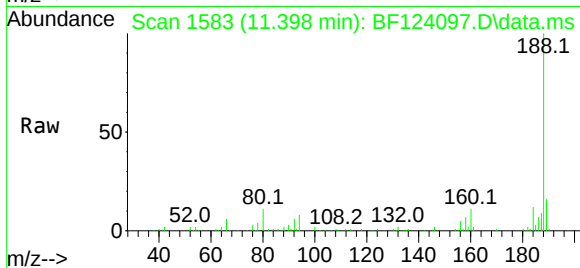
80 10.7 8.2 12.2

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C7-C7A-D7-D7A



#65

4,6-Dinitro-2-methylphenol

Concen: 5.93 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF124097.D

Acq: 27 May 2021 17:47

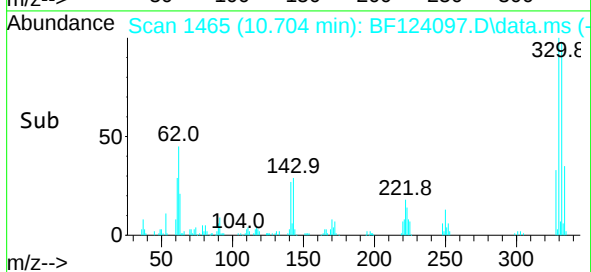
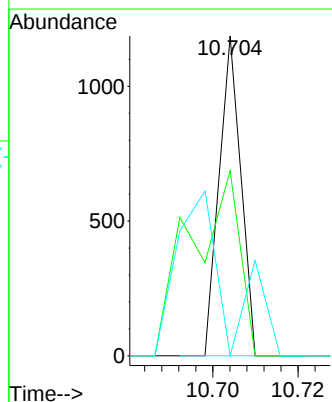
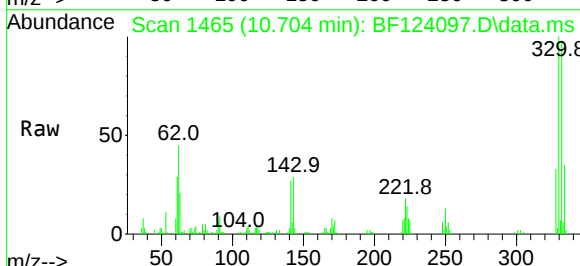
Tgt Ion:198 Resp: 419

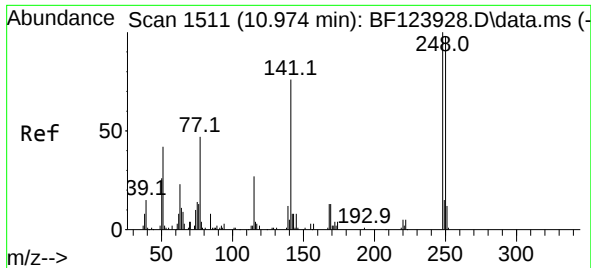
Ion Ratio Lower Upper

198 100

51 57.9 64.8 104.8#

105 0.0 42.6 82.6#

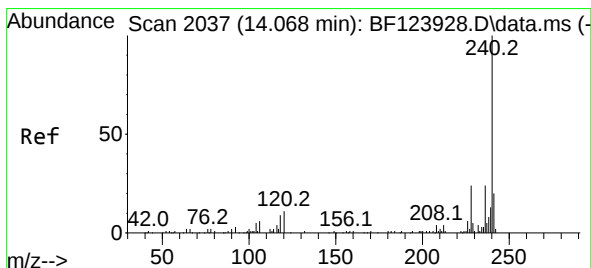
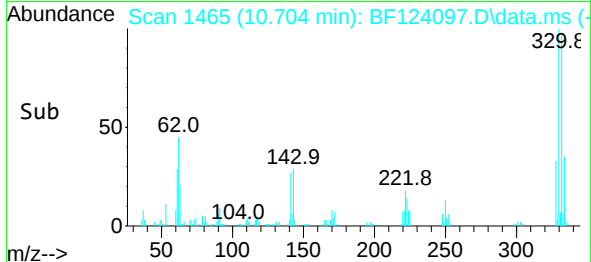
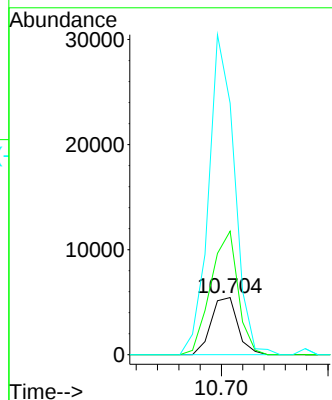
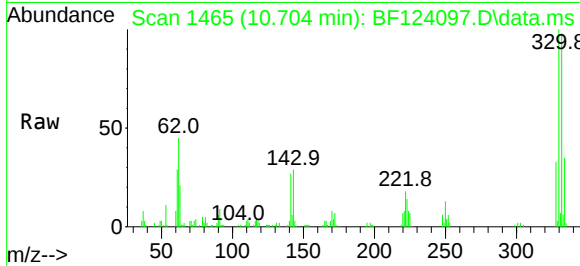




#67
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

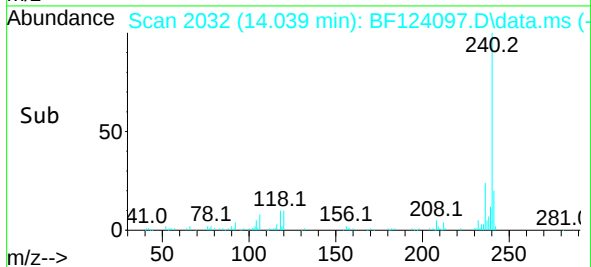
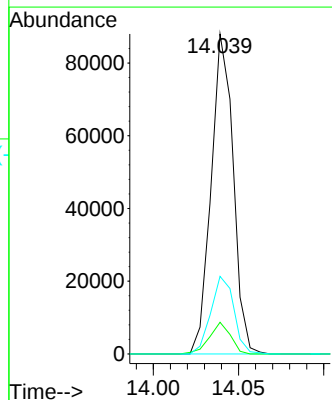
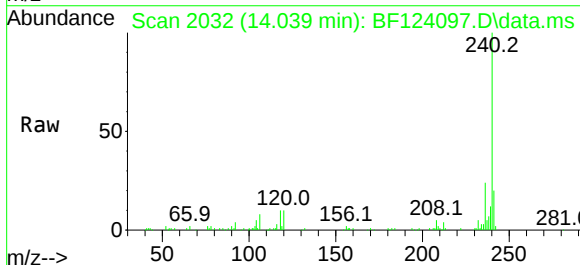
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

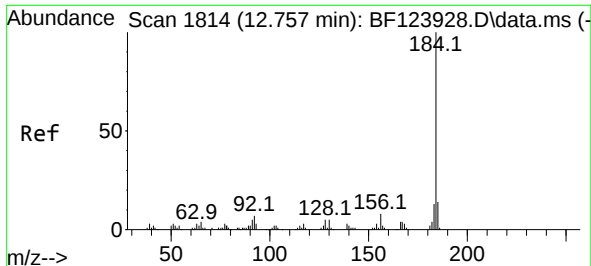
Tgt Ion:248 Resp: 4723
Ion Ratio Lower Upper
248 100
250 216.1 77.4 116.2#
141 440.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

Tgt Ion:240 Resp: 79285
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 24.2 19.0 28.4

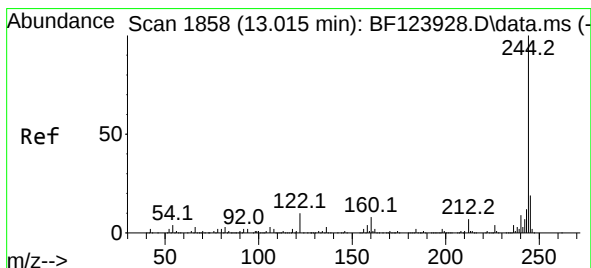
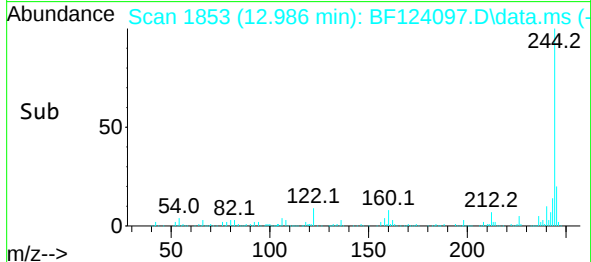
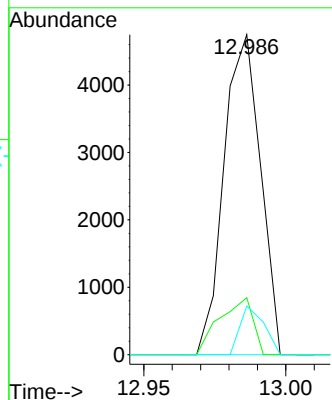
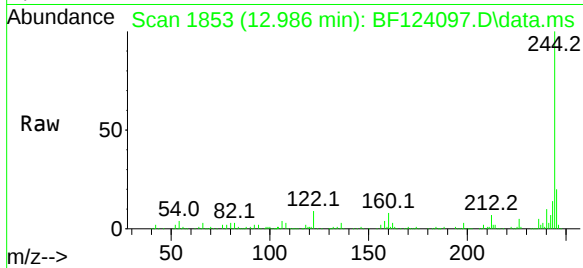




#77
Benzidine
Concen: 2.22 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

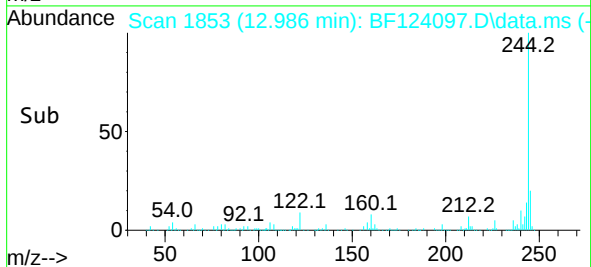
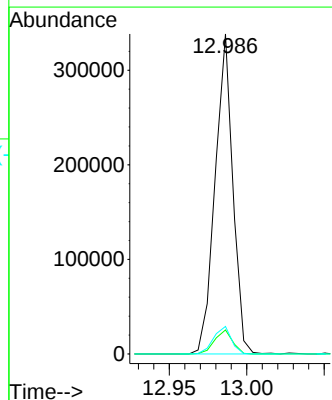
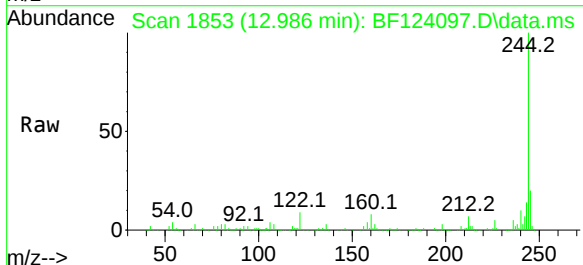
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

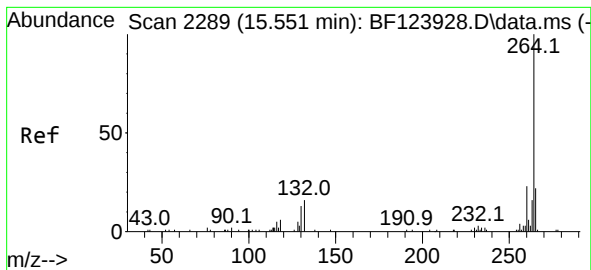
Tgt Ion:184 Resp: 4240
Ion Ratio Lower Upper
184 100
185 17.8 12.1 18.1
183 15.2 7.8 11.8#



#79
Terphenyl-d14
Concen: 51.42 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124097.D
Acq: 27 May 2021 17:47

Tgt Ion:244 Resp: 269191
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.6 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: BF124097.D
 Acq: 27 May 2021 17:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C7-C7A-D7-D7A

Tgt Ion:264	Resp:	96717
Ion Ratio	Lower	Upper
264	100	
260	20.0	18.7 28.1
265	20.2	17.8 26.8

