

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062421\
 Data File : BF124443.D
 Acq On : 24 Jun 2021 15:19
 Operator : JU/CG
 Sample : M2833-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-D8-C9-D8A-C9A

Quant Time: Jun 24 15:46:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 18:48:27 2021
 Response via : Initial Calibration

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

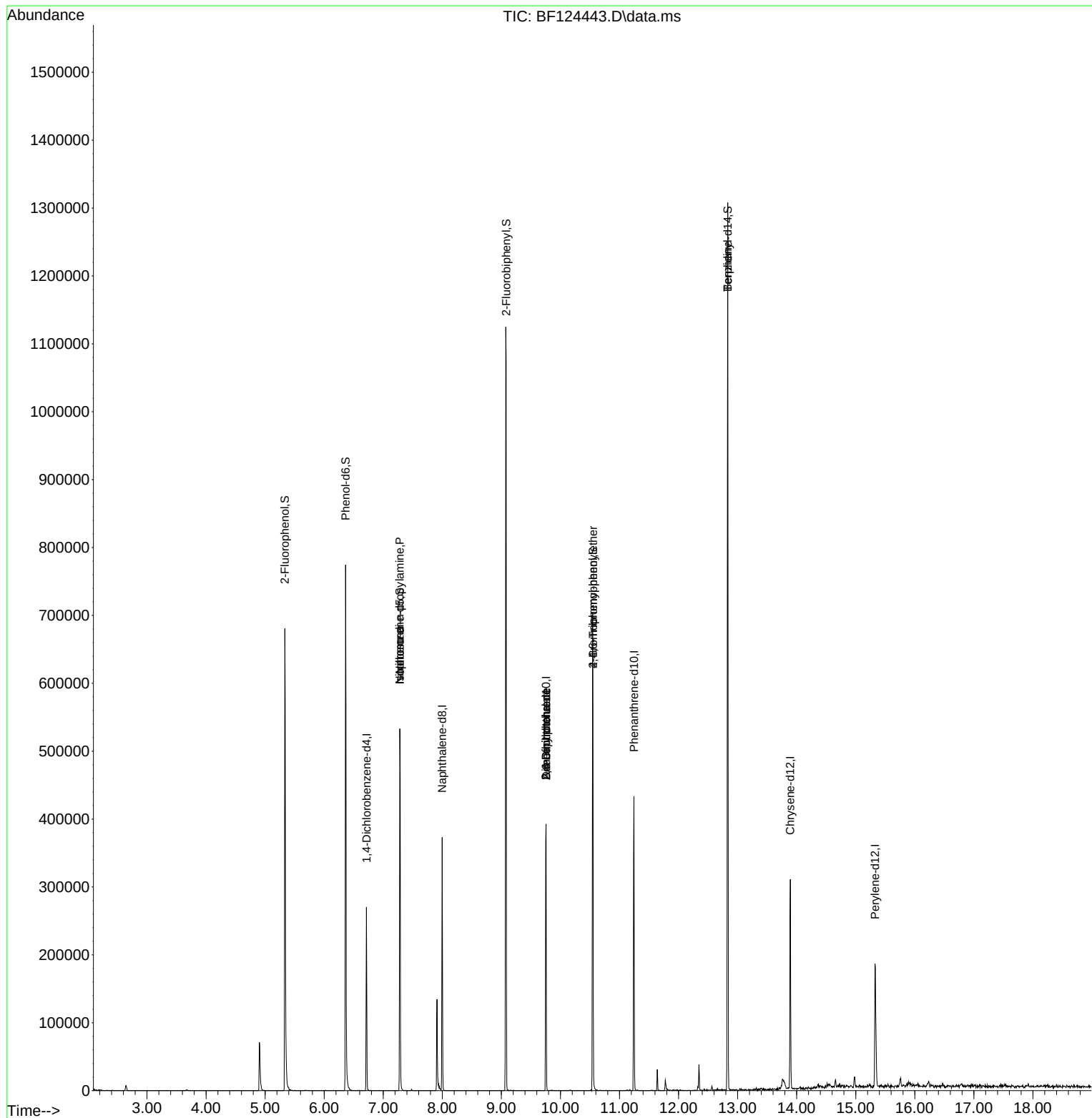
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	32876	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	129216	20.000	ng	# 0.00
39) Acenaphthene-d10	9.757	164	77742	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	148024	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	96833	20.000	ng	0.00
86) Perylene-d12	15.327	264	78219	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	169423	81.047	ng	0.00
7) Phenol-d6	6.363	99	217269	79.601	ng	-0.01
23) Nitrobenzene-d5	7.281	82	164861	52.900	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	72876	78.461	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	333685	52.579	ng	0.00
79) Terphenyl-d14	12.833	244	381139	58.954	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.281	70	23563	12.837	ng	# 66
25) Isophorone	7.281	82	164861	30.769	ng	# 69
50) Dimethylphthalate	9.757	163	15237	2.486	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	10264	7.249	ng	# 12
57) 2,4-Dinitrotoluene	9.757	165	10264	5.469	ng	# 18
67) 4-Bromophenyl-phenylether	10.551	248	4812	2.416	ng	# 1
77) Benzidine	12.833	184	6329	3.261	ng	97

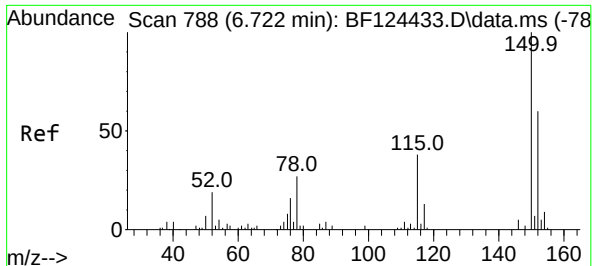
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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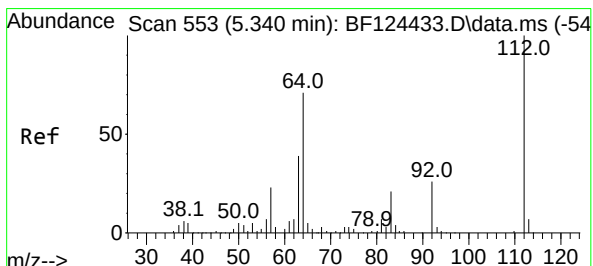
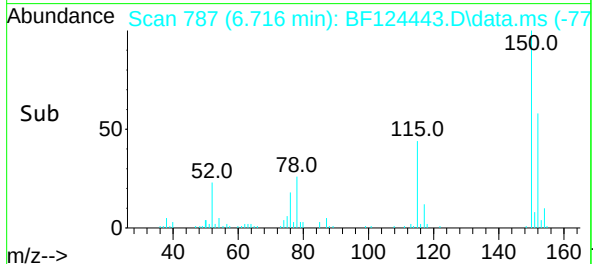
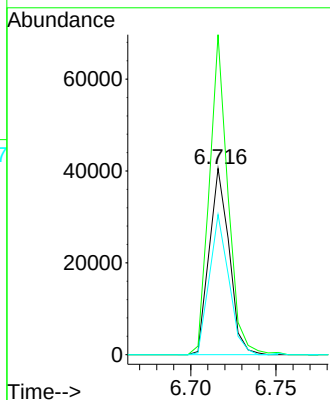
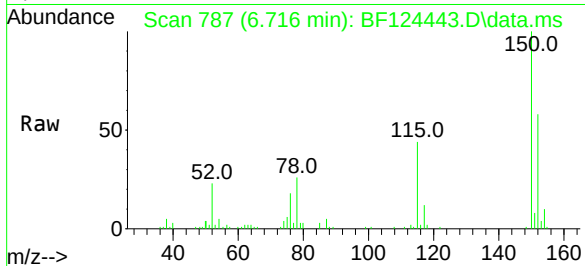




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

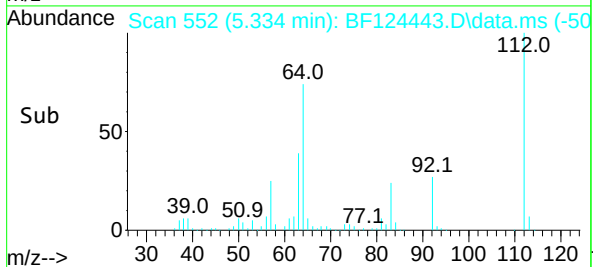
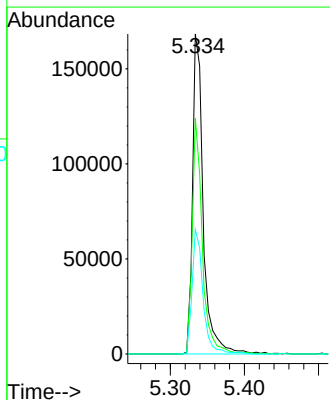
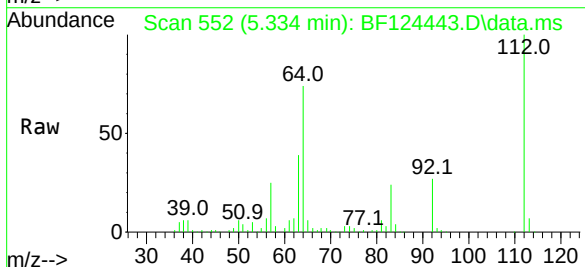
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D8-C9-D8A-C9A

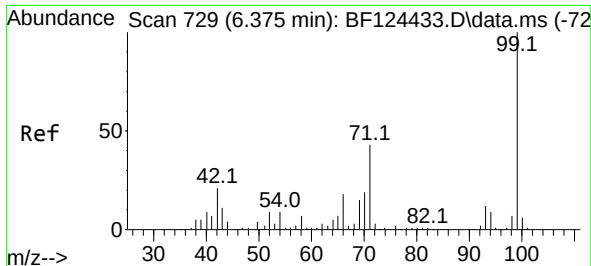
Tgt Ion:152 Resp: 32876
Ion Ratio Lower Upper
152 100
150 171.8 127.0 190.6
115 75.3 54.3 81.5



#5
2-Fluorophenol
Concen: 81.047 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

Tgt Ion:112 Resp: 169423
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 38.9 33.0 49.4

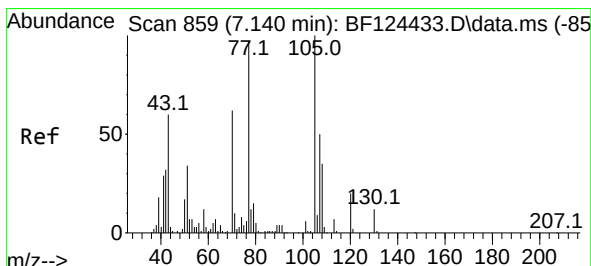
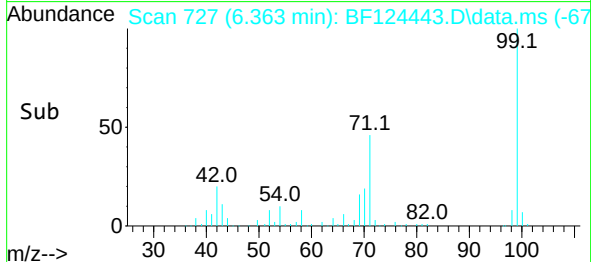
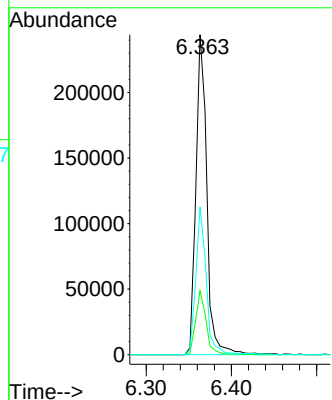
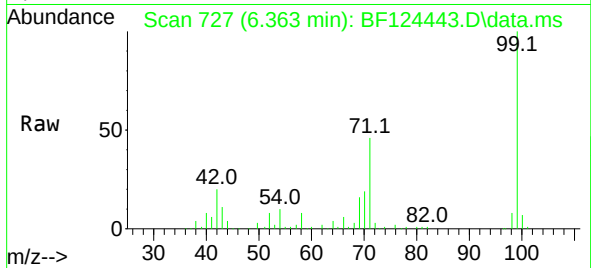




#7
Phenol-d6
Concen: 79.601 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.012 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

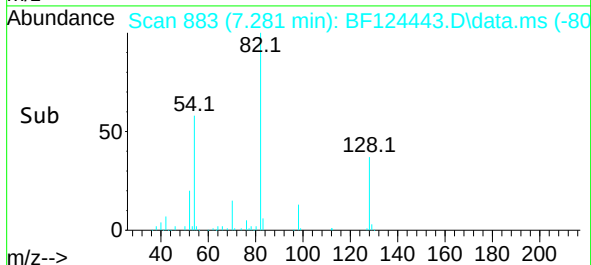
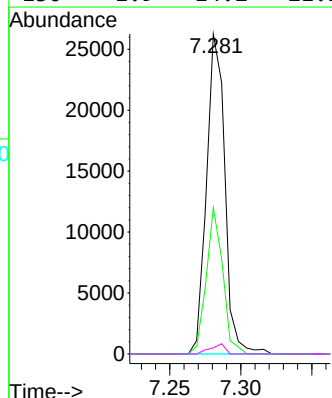
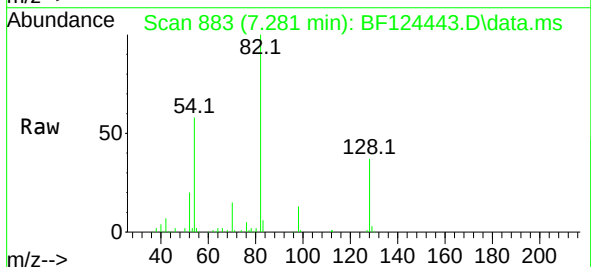
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D8-C9-D8A-C9A

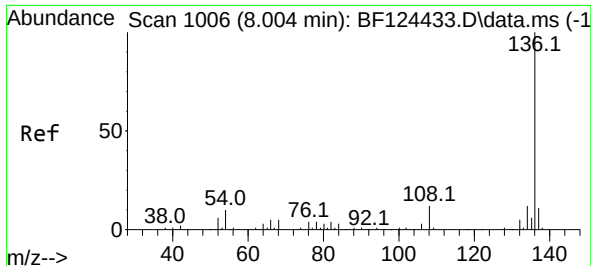
Tgt Ion: 99 Resp: 217269
Ion Ratio Lower Upper
99 100
42 19.9 19.8 29.8
71 46.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.837 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

Tgt Ion: 70 Resp: 23563
Ion Ratio Lower Upper
70 100
42 45.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#

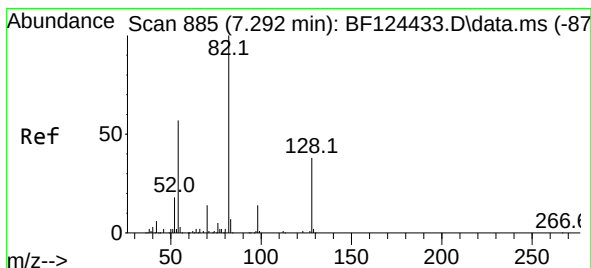
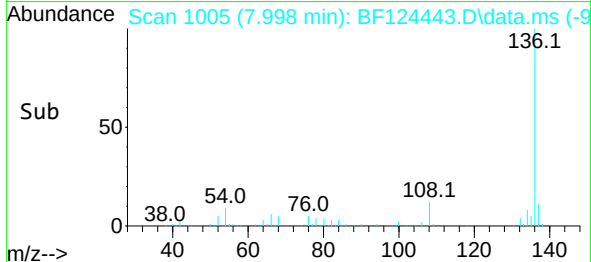
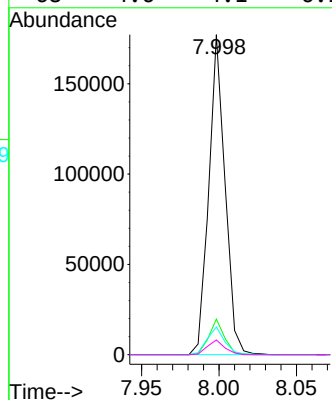
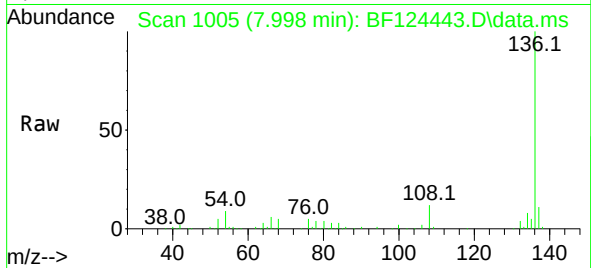




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

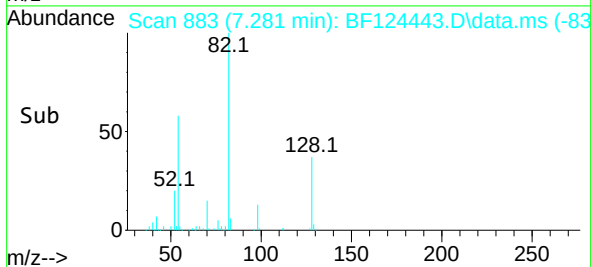
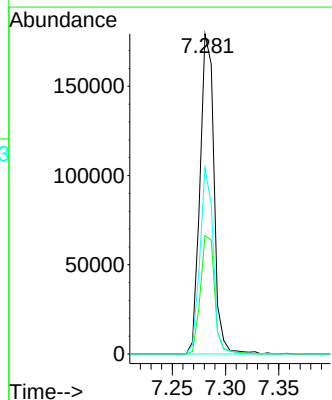
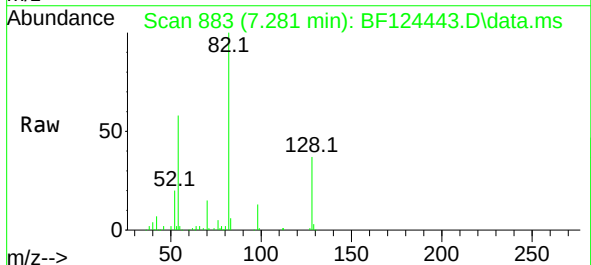
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D8-C9-D8A-C9A

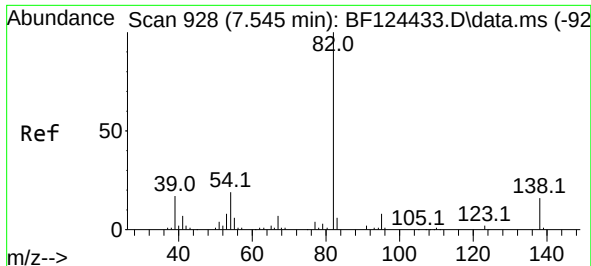
Tgt Ion:136	Resp: 129216
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 8.7	9.8 14.6#
68 4.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 52.900 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

Tgt Ion: 82	Resp: 164861
Ion Ratio	Lower Upper
82 100	
128 37.0	29.4 44.2
54 58.3	54.1 81.1

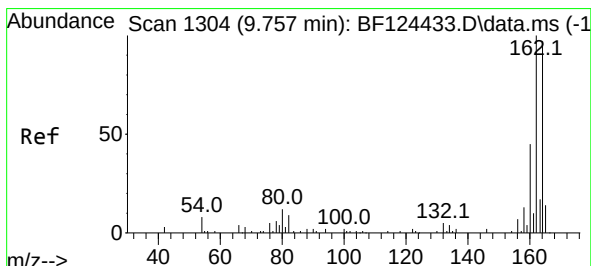
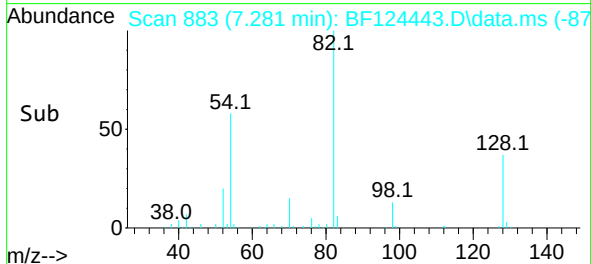
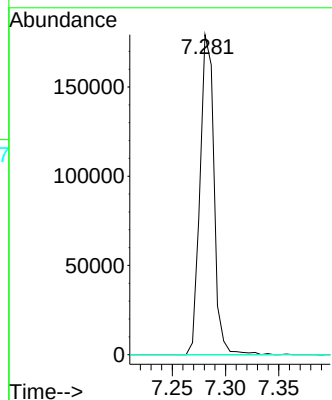
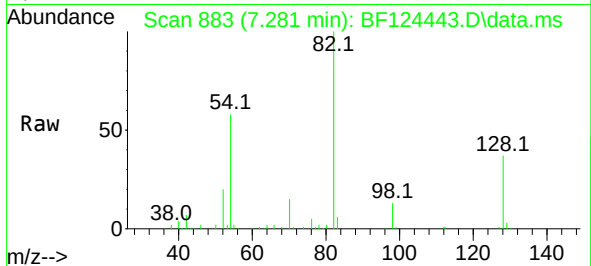




#25
Isophorone
Concen: 30.769 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

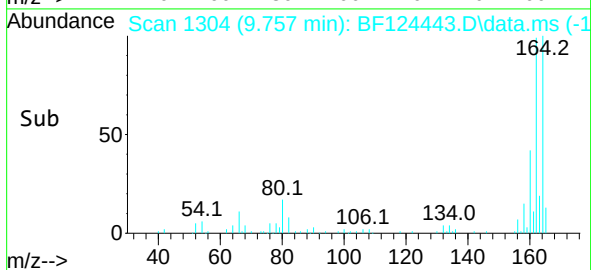
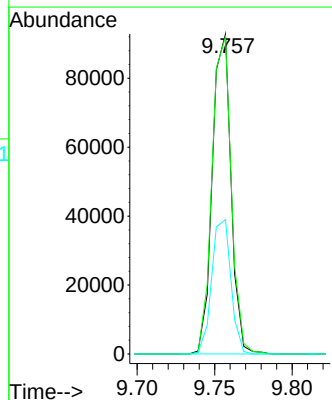
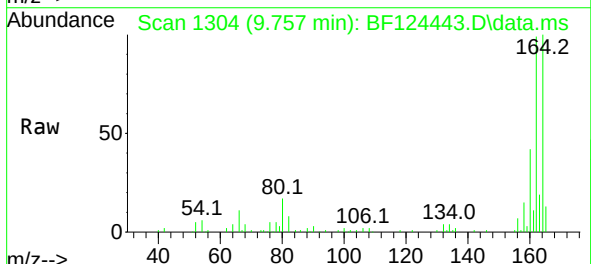
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D8-C9-D8A-C9A

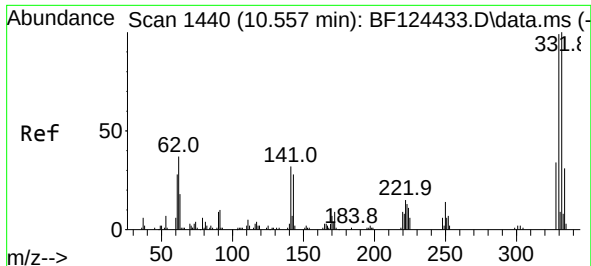
Tgt Ion: 82 Resp: 164861
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

Tgt Ion: 164 Resp: 77742
Ion Ratio Lower Upper
164 100
162 99.2 80.7 121.1
160 42.0 37.3 55.9

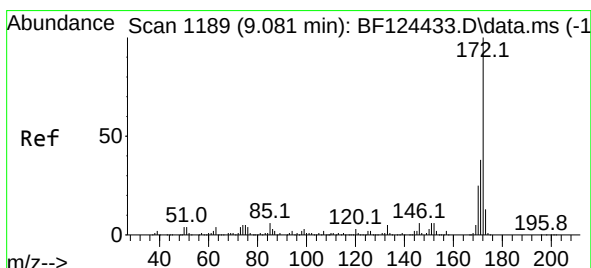
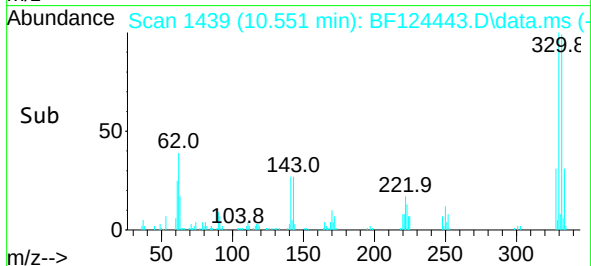
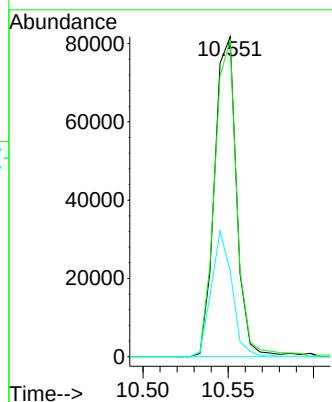
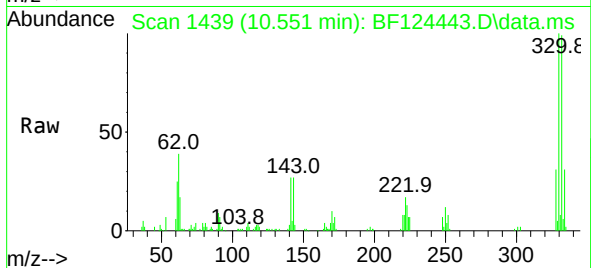




#42
2,4,6-Tribromophenol
Concen: 78.461 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

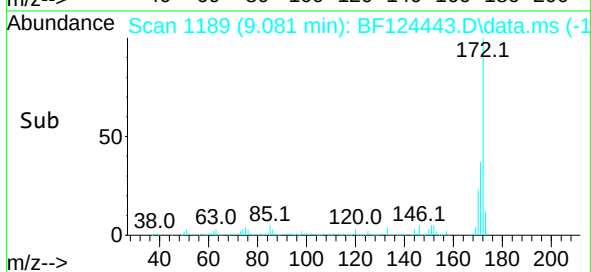
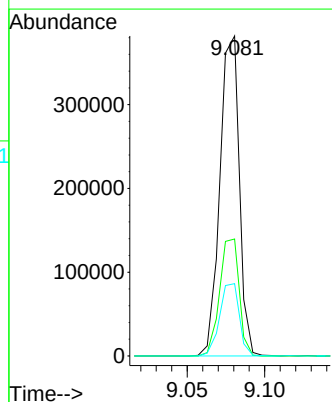
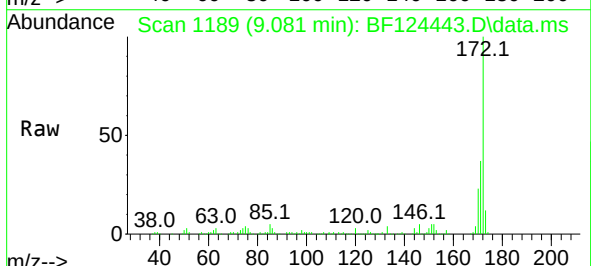
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ClientSampleId :
FK-BPM-01-D8-C9-D8A-C9A

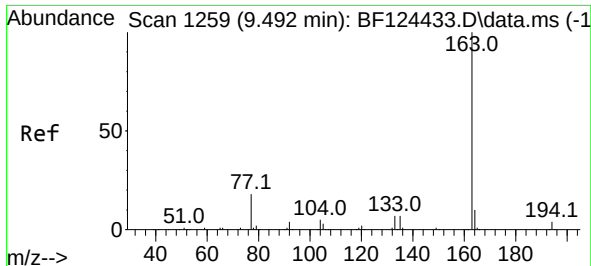
Tgt Ion: 330 Resp: 72876
Ion Ratio Lower Upper
330 100
332 101.0 77.1 115.7
141 37.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 52.579 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

Tgt Ion: 172 Resp: 333685
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 22.6 19.2 28.8

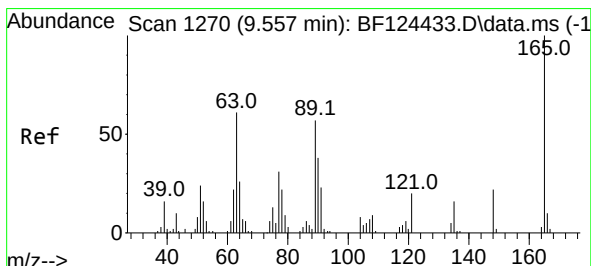
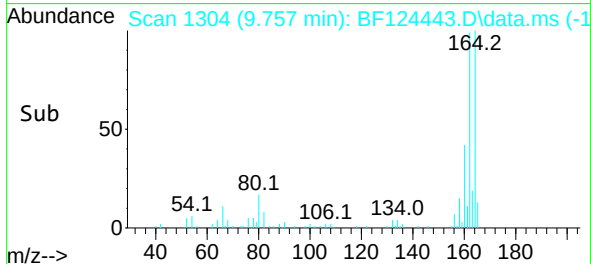
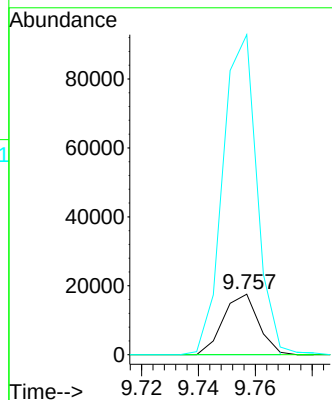
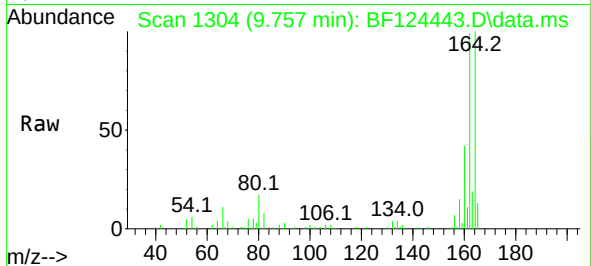




#50
Dimethylphthalate
Concen: 2.486 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

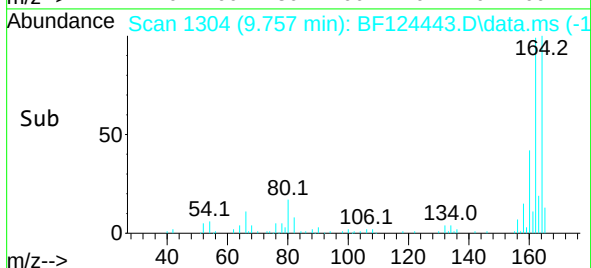
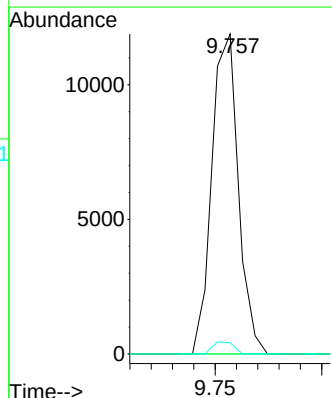
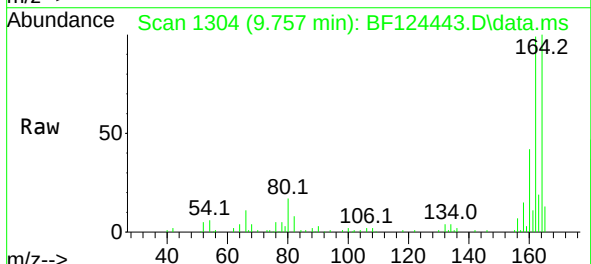
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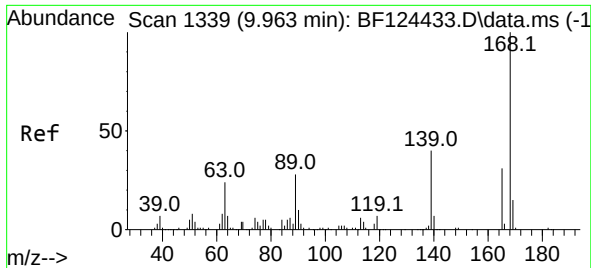
Tgt Ion:163 Resp: 15237
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 528.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.249 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.200 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

Tgt Ion:165 Resp: 10264
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.5 58.8 88.2#

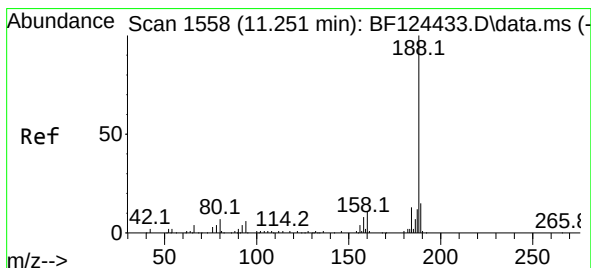
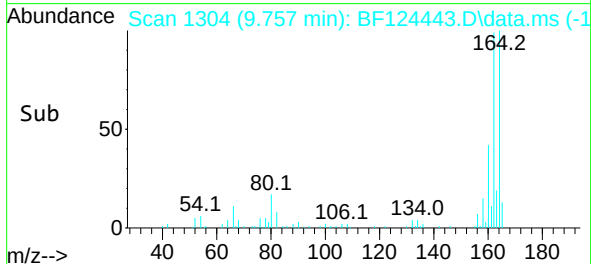
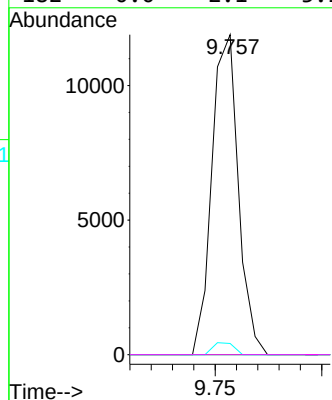
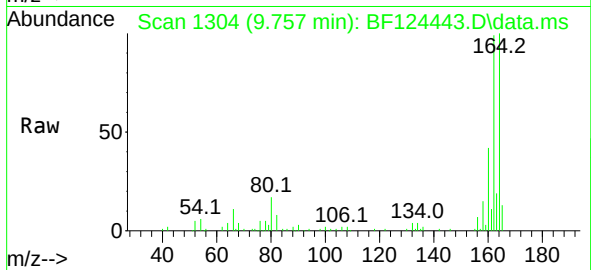




#57
2,4-Dinitrotoluene
Concen: 5.469 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.206 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

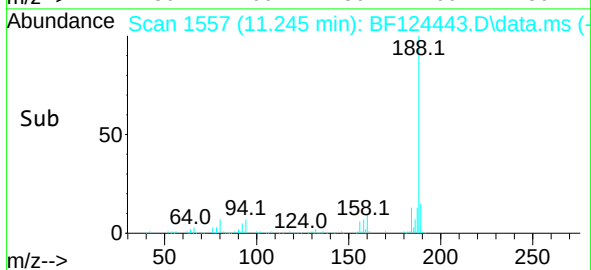
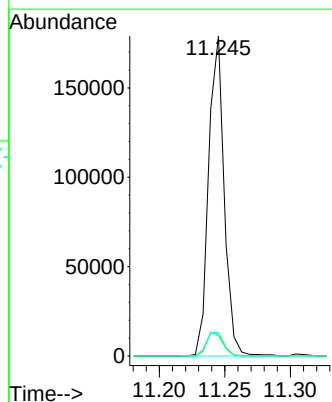
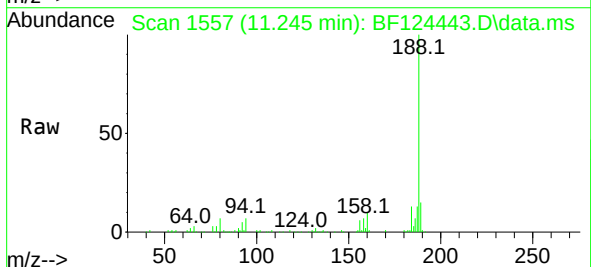
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D8-C9-D8A-C9A

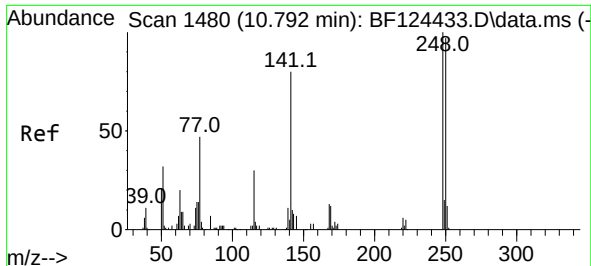
Tgt Ion:165 Resp: 10264
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.5 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

Tgt Ion:188 Resp: 148024
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.3 8.2 12.2#

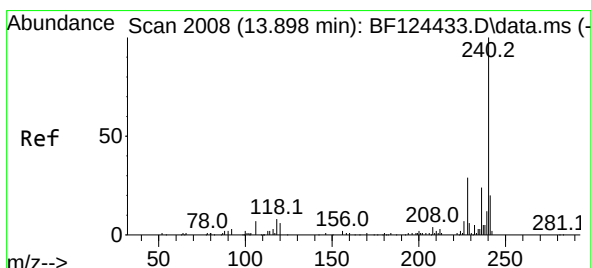
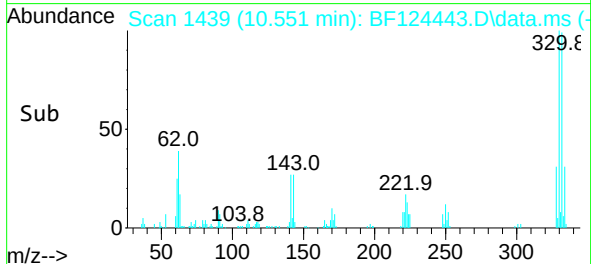
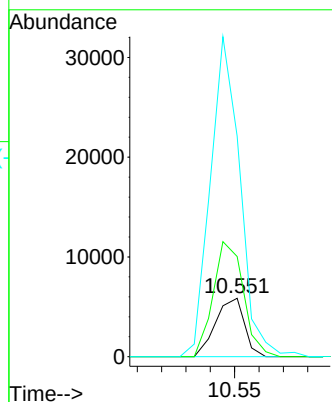
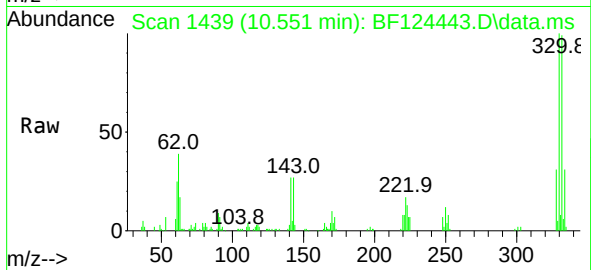




#67
4-Bromophenyl-phenylether
Concen: 2.416 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

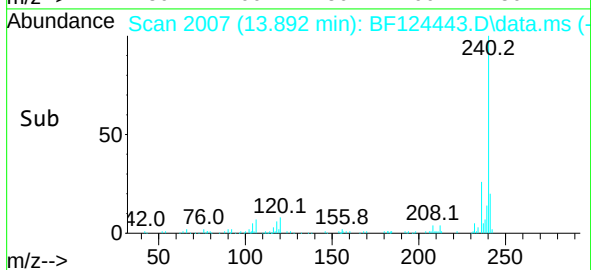
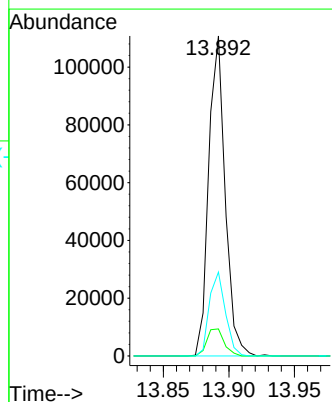
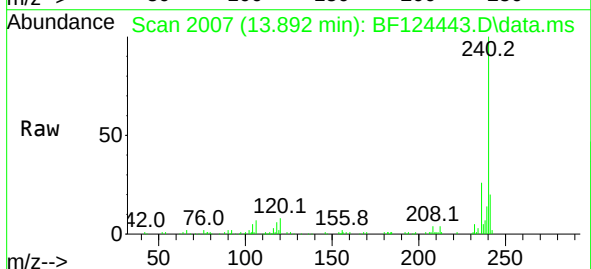
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D8-C9-D8A-C9A

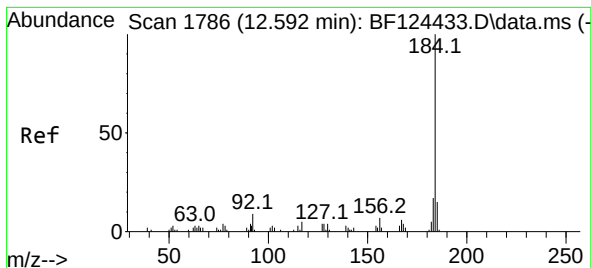
Tgt Ion:248 Resp: 4812
Ion Ratio Lower Upper
248 100
250 171.4 77.4 116.2#
141 377.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF124443.D
Acq: 24 Jun 2021 15:19

Tgt Ion:240 Resp: 96833
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 26.2 19.0 28.4





#77

Benzidine

Concen: 3.261 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.241 min

Lab File: BF124443.D

Acq: 24 Jun 2021 15:19

Tgt Ion:184 Resp: 6329

Ion Ratio Lower Upper

184 100

185 13.8 12.1 18.1

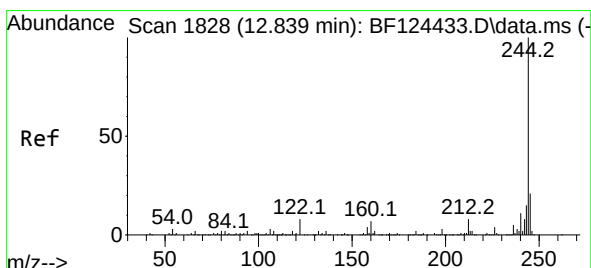
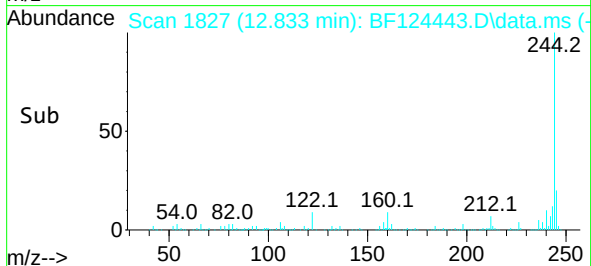
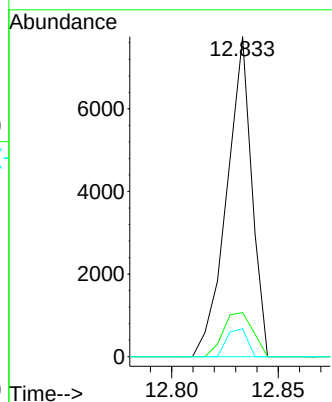
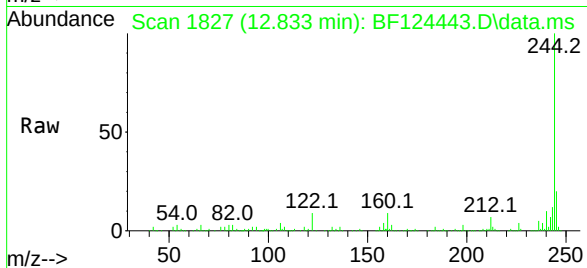
183 8.7 7.8 11.8

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-D8-C9-D8A-C9A



#79

Terphenyl-d14

Concen: 58.954 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF124443.D

Acq: 24 Jun 2021 15:19

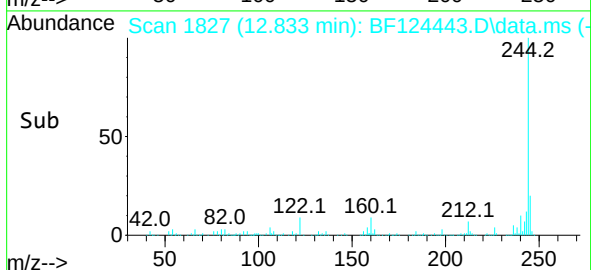
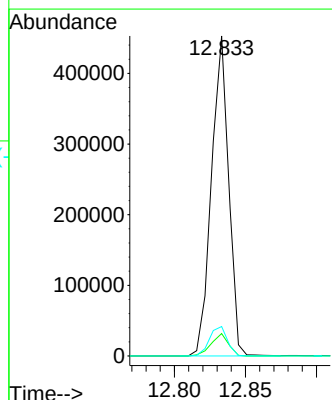
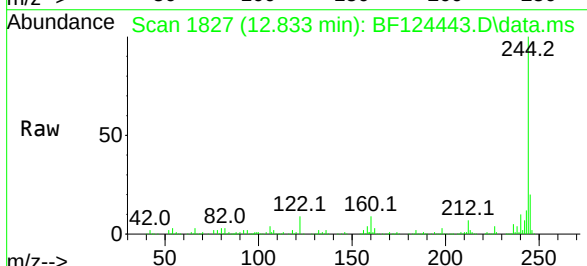
Tgt Ion:244 Resp: 381139

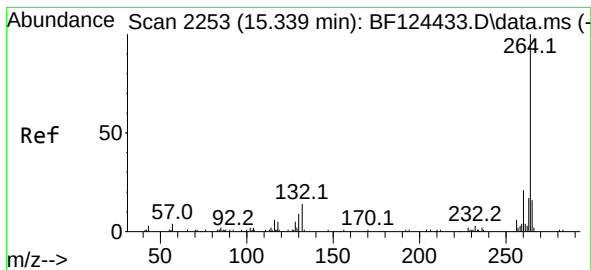
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.2 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. -0.012 min
 Lab File: BF124443.D
 Acq: 24 Jun 2021 15:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-D8-C9-D8A-C9A

Tgt Ion:264	Resp:	78219
Ion Ratio	Lower	Upper
264	100	
260	24.6	18.7 28.1
265	22.2	17.8 26.8

