

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124228.D
 Acq On : 10 Jun 2021 12:12
 Operator : JU/CG
 Sample : PB136974BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136974BL

Quant Time: Jun 10 12:40:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

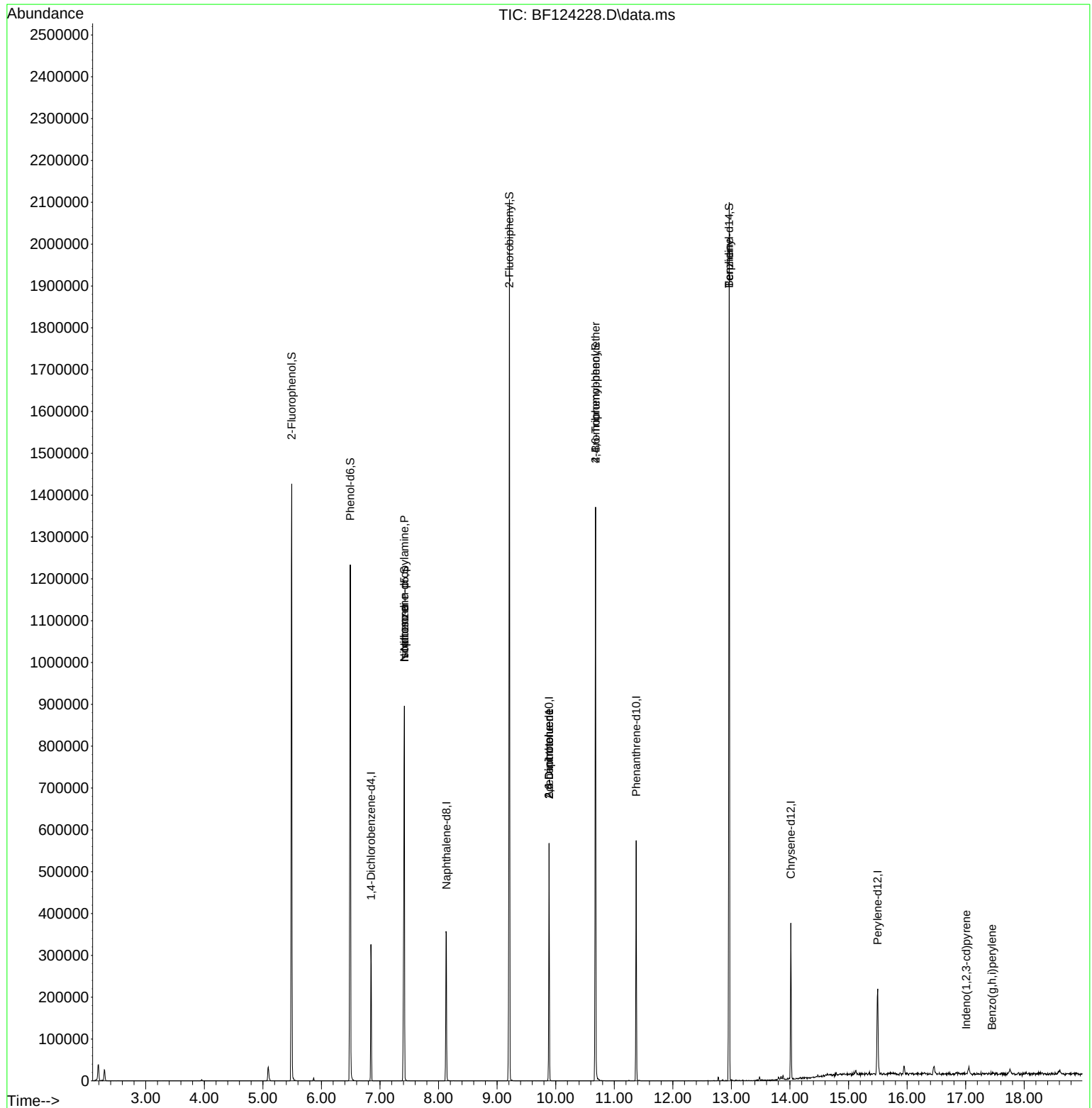
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	43415	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	158569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	93767	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	175433	20.000	ng	0.00
76) Chrysene-d12	14.015	240	115284	20.000	ng	0.00
86) Perylene-d12	15.498	264	84601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	308403	106.934	ng	0.01
7) Phenol-d6	6.492	99	389464	100.465	ng	0.00
23) Nitrobenzene-d5	7.416	82	289638	72.444	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	142035	106.918	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	557578	74.828	ng	0.00
79) Terphenyl-d14	12.963	244	633783	75.479	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	42327	15.467	ng	# 60
25) Isophorone	7.416	82	288874	40.096	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	12360	6.949	ng	# 13
57) 2,4-Dinitrotoluene	9.886	165	12360	5.269	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	10051	4.174	ng	# 1
77) Benzidine	12.963	184	9586	7.327	ng	# 86
87) Indeno(1,2,3-cd)pyrene	17.009	276	170	4.357	ng	# 53
92) Benzo(g,h,i)perylene	17.451	276	140	3.829	ng	# 56

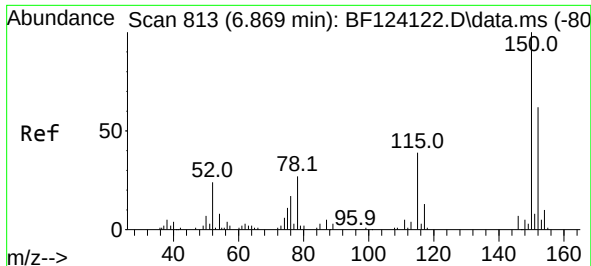
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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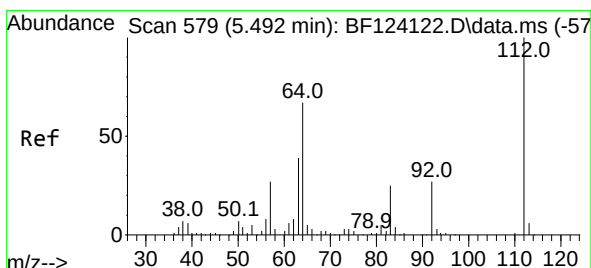
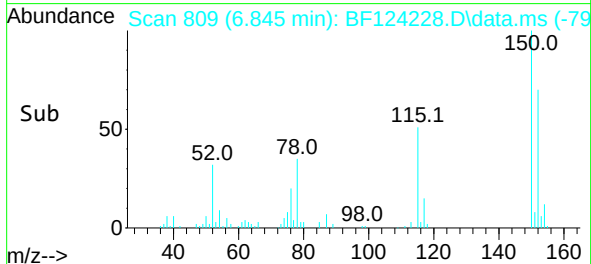
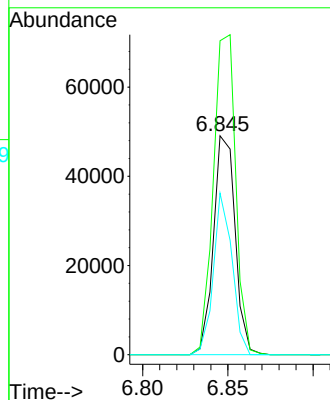
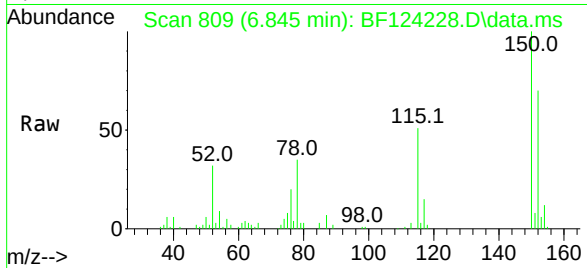




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

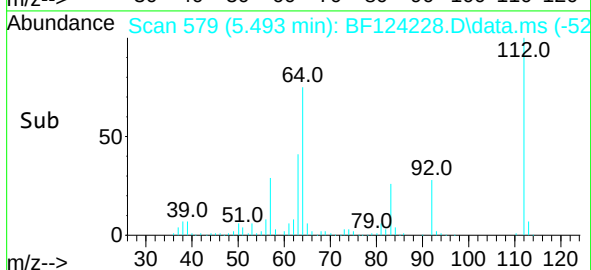
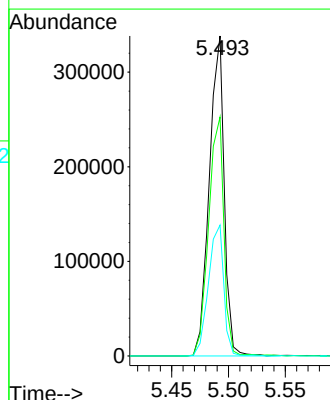
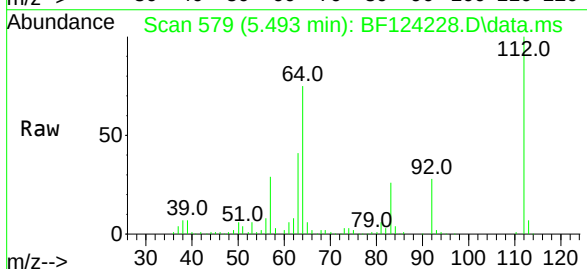
Instrument :
BNA_F
ClientSampleId :
PB136974BL

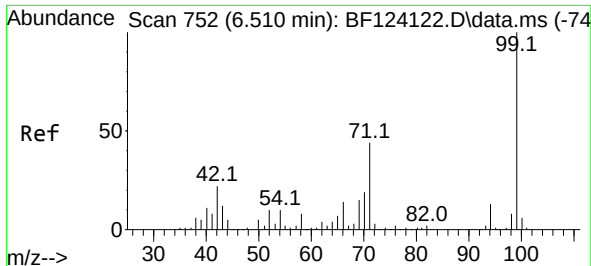
Tgt Ion:152 Resp: 43415
Ion Ratio Lower Upper
152 100
150 143.5 127.0 190.6
115 73.8 54.3 81.5



#5
2-Fluorophenol
Concen: 106.934 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

Tgt Ion:112 Resp: 308403
Ion Ratio Lower Upper
112 100
64 74.7 61.4 92.0
63 40.9 33.0 49.4

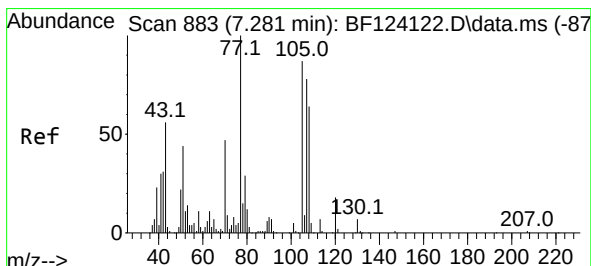
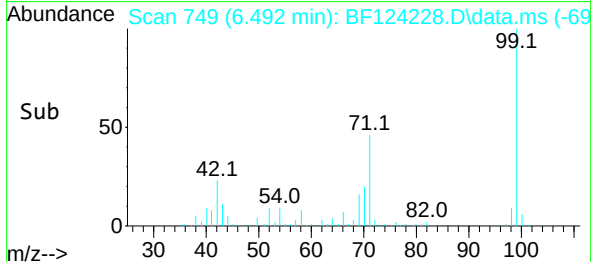
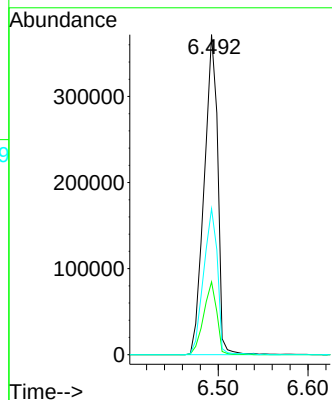
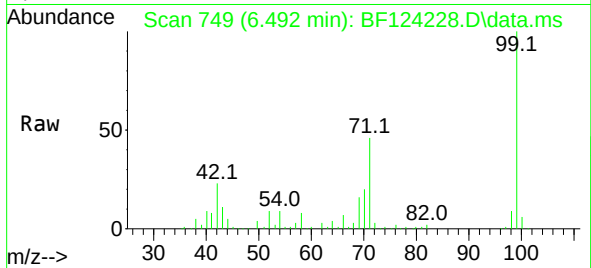




#7
Phenol-d6
Concen: 100.465 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

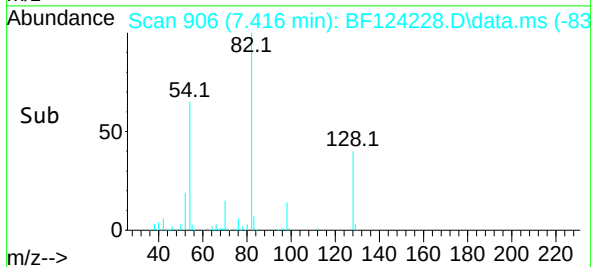
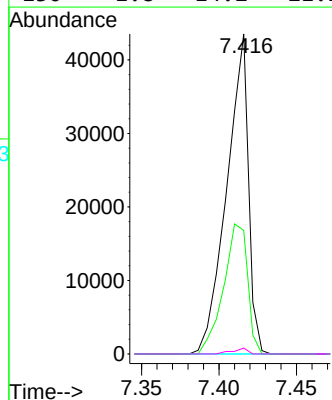
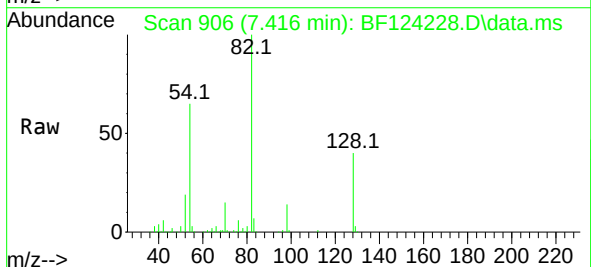
Instrument :
BNA_F
ClientSampleId :
PB136974BL

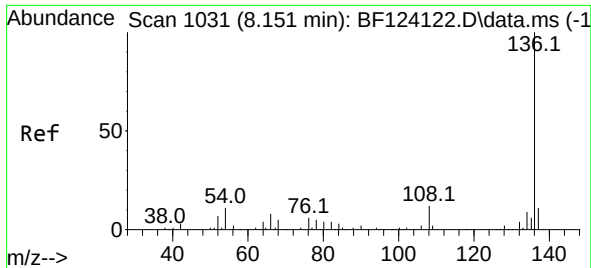
Tgt Ion: 99 Resp: 389464
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.8
71 45.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.467 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

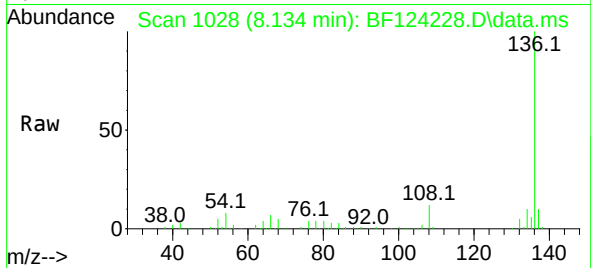
Tgt Ion: 70 Resp: 42327
Ion Ratio Lower Upper
70 100
42 38.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



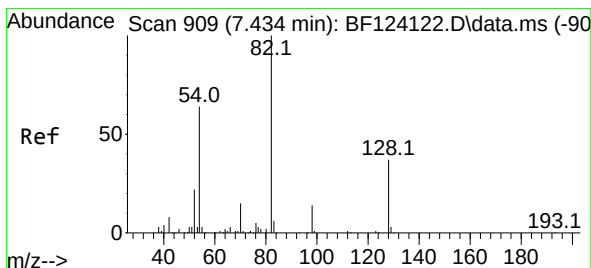
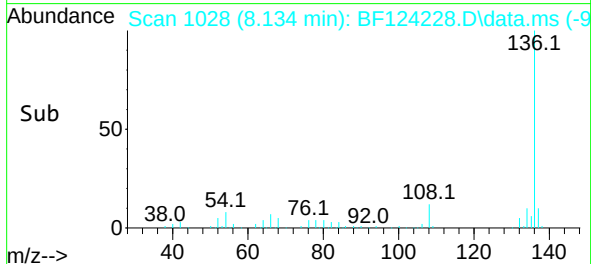
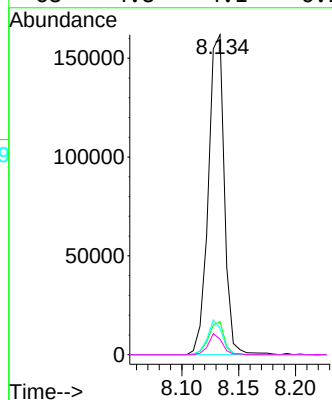


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

Instrument :
BNA_F
ClientSampleId :
PB136974BL

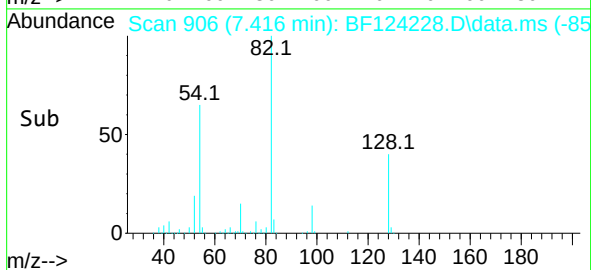
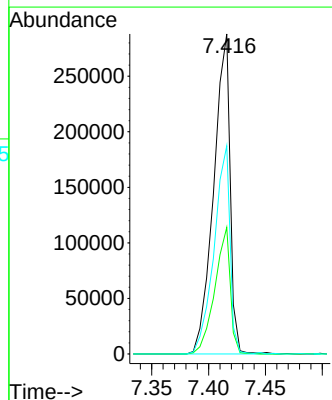
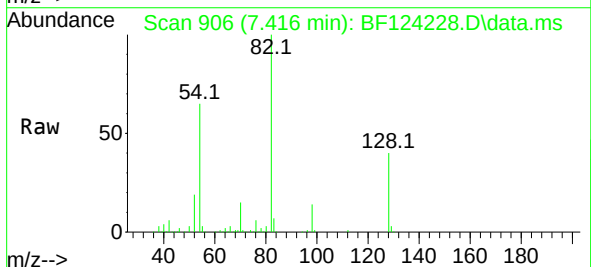


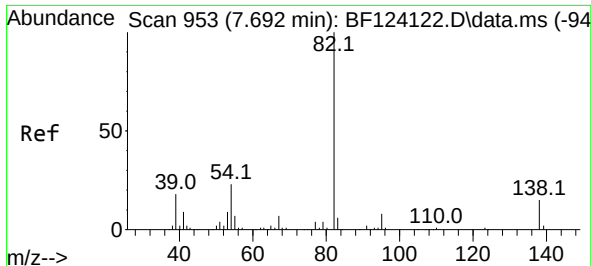
Tgt Ion:	136	Resp:	158569
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	8.3	9.8	14.6#
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 72.444 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

Tgt Ion:	82	Resp:	289638
Ion	Ratio	Lower	Upper
82	100		
128	39.5	29.4	44.2
54	65.1	54.1	81.1

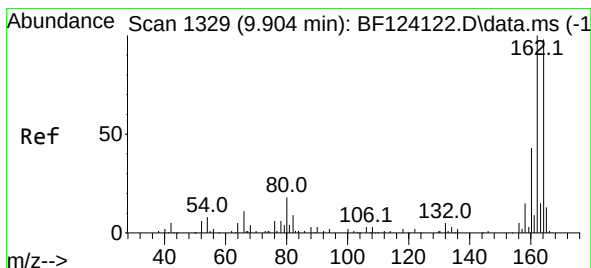
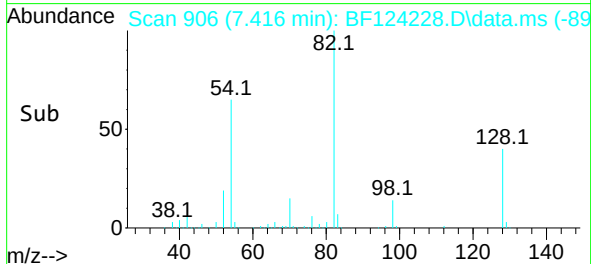
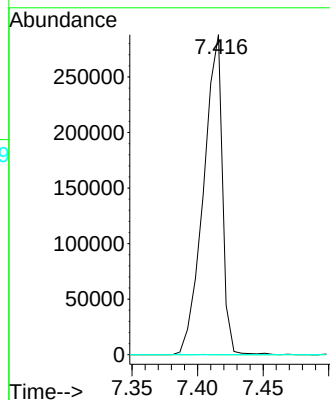
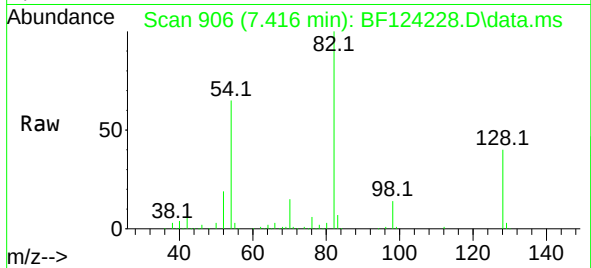




#25
Isophorone
Concen: 40.096 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

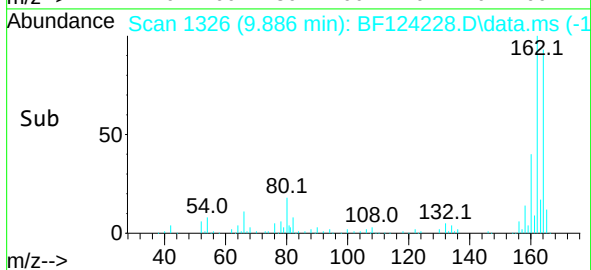
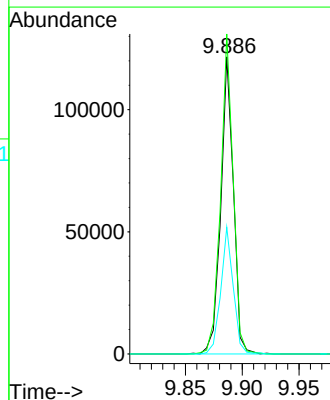
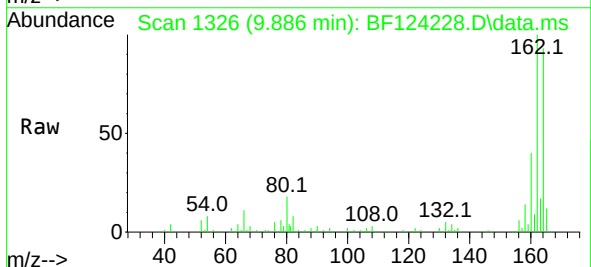
Instrument :
BNA_F
ClientSampleId :
PB136974BL

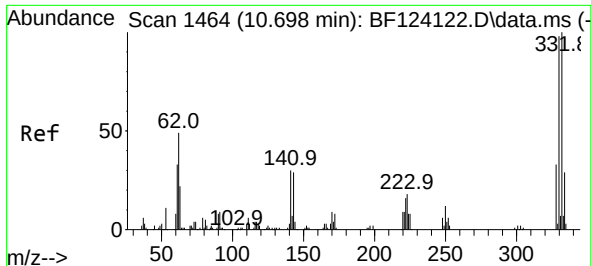
Tgt Ion: 82 Resp: 288874
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

Tgt Ion: 164 Resp: 93767
Ion Ratio Lower Upper
164 100
162 107.7 80.7 121.1
160 42.6 37.3 55.9

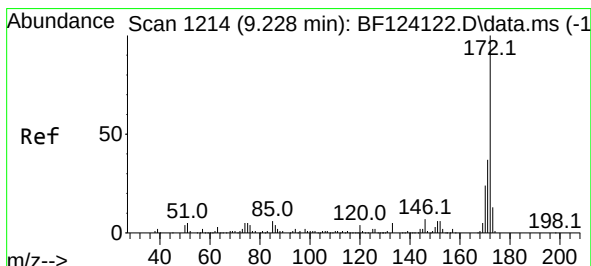
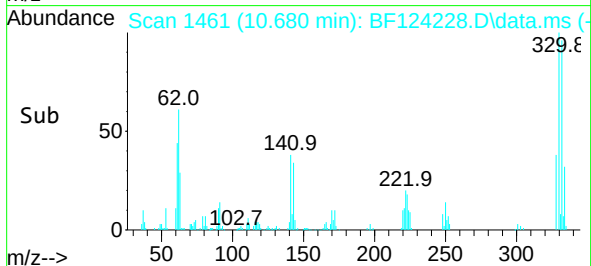
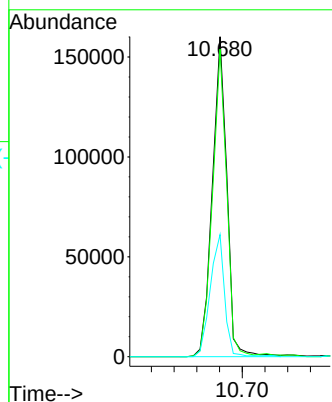
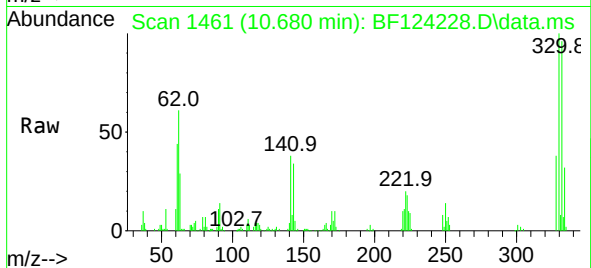




#42
2,4,6-Tribromophenol
Concen: 106.918 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

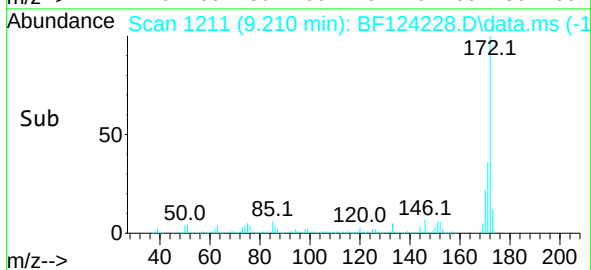
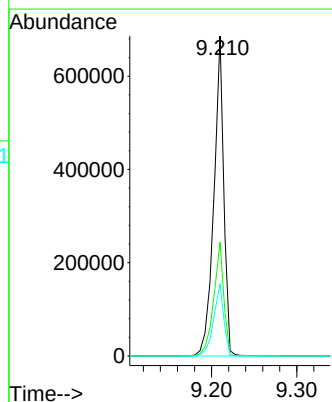
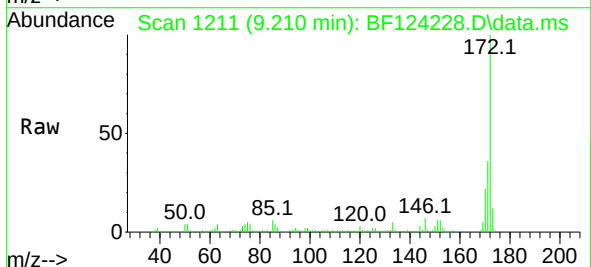
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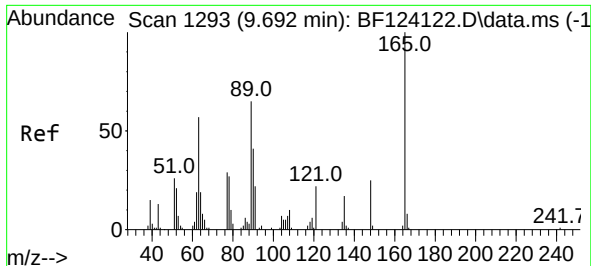
Tgt Ion: 330 Resp: 142035
Ion Ratio Lower Upper
330 100
332 93.4 77.1 115.7
141 37.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 74.828 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

Tgt Ion: 172 Resp: 557578
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 22.4 19.2 28.8

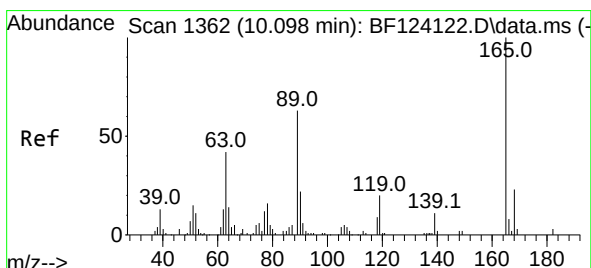
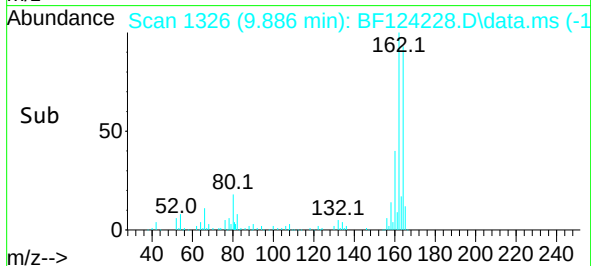
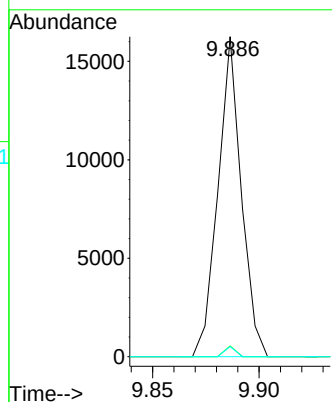
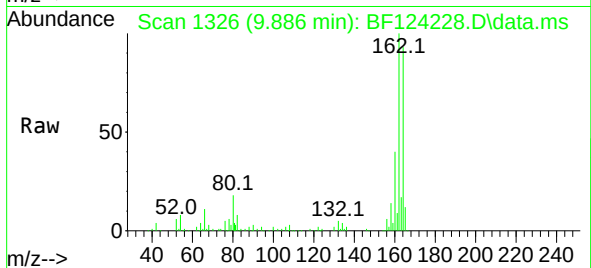




#51
2,6-Dinitrotoluene
Concen: 6.949 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

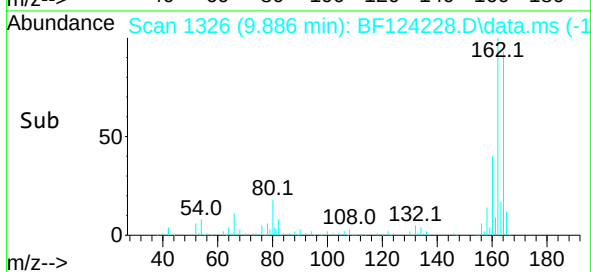
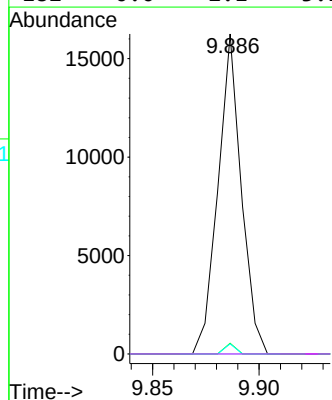
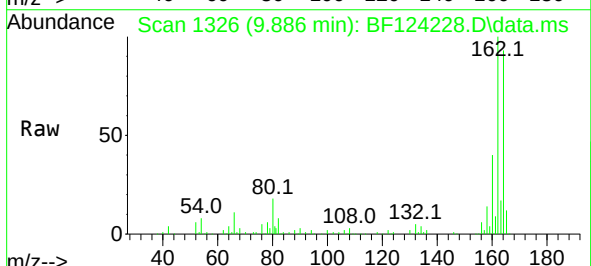
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ClientSampleId :
PB136974BL

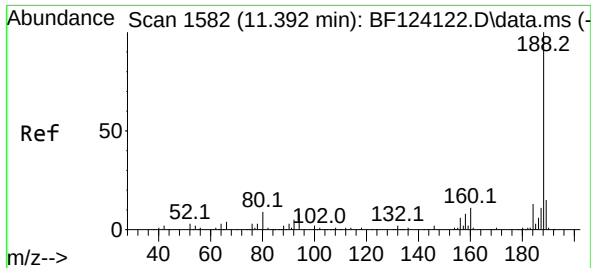
Tgt Ion:165 Resp: 12360
Ion Ratio Lower Upper
165 100
63 3.4 67.7 101.5#
89 3.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.269 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

Tgt Ion:165 Resp: 12360
Ion Ratio Lower Upper
165 100
63 3.4 43.5 65.3#
89 3.2 67.7 101.5#
182 0.0 2.1 3.1#

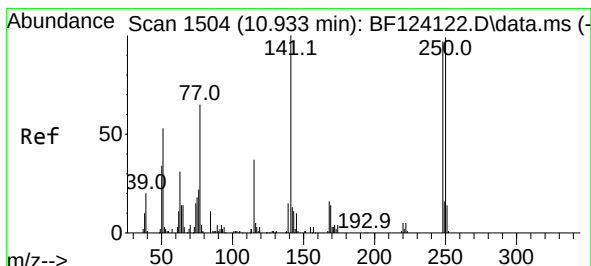
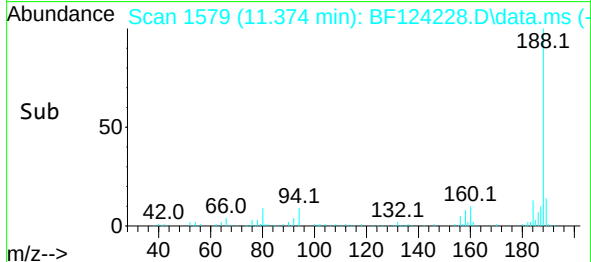
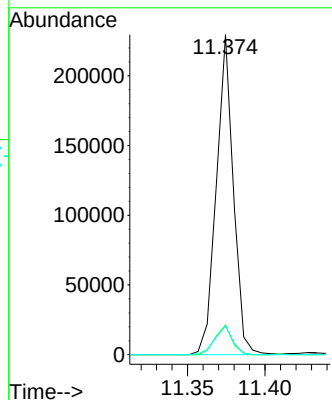
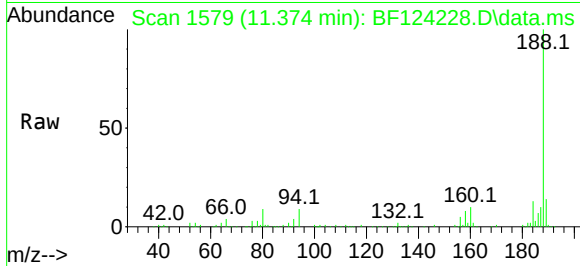




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

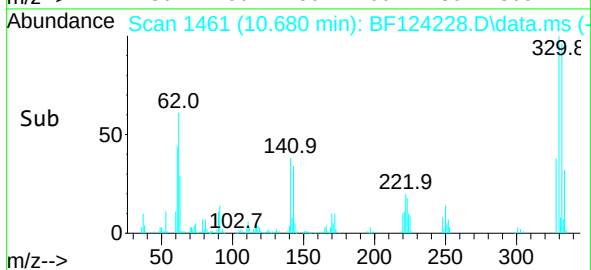
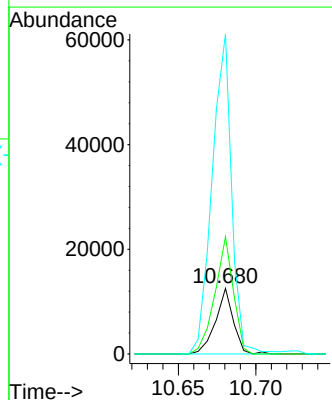
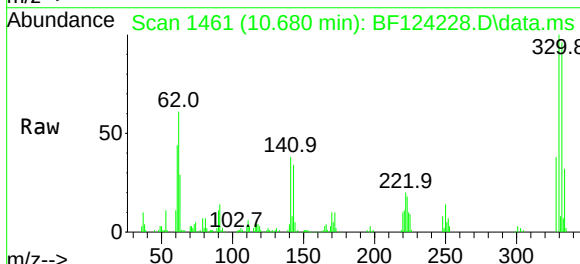
Instrument :
BNA_F
ClientSampleId :
PB136974BL

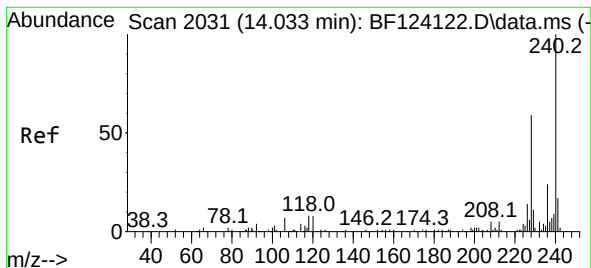
Tgt Ion:188 Resp: 175433
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 9.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.174 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

Tgt Ion:248 Resp: 10051
Ion Ratio Lower Upper
248 100
250 178.7 77.4 116.2#
141 487.2 63.7 95.5#

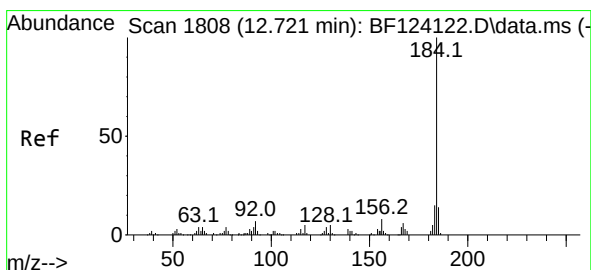
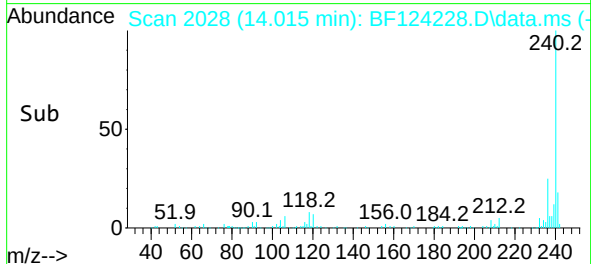
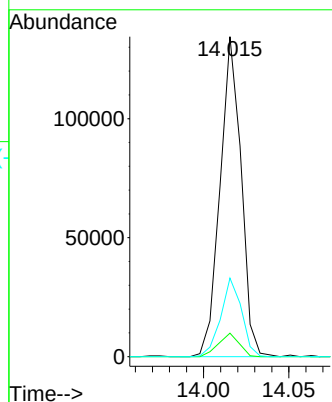
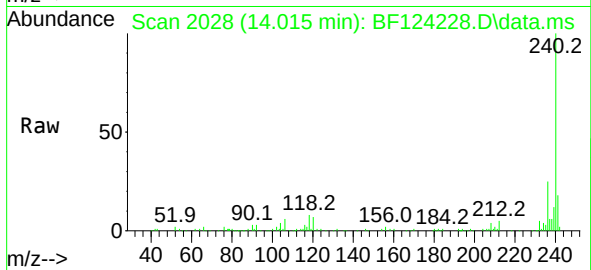




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

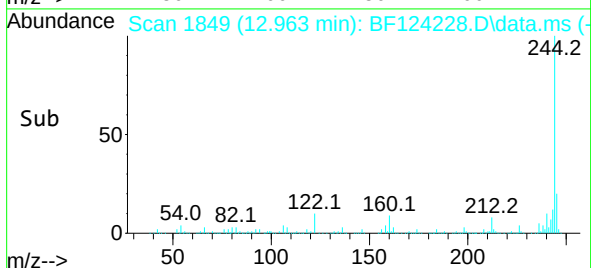
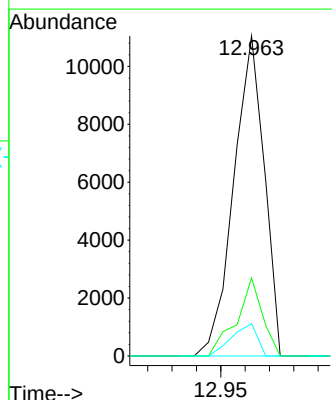
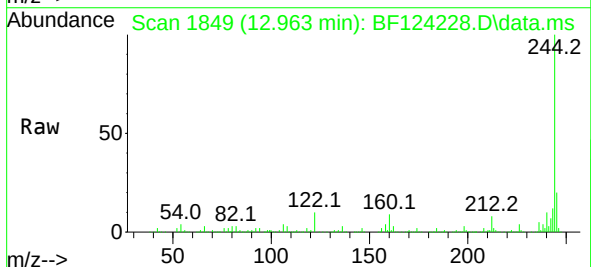
Instrument :
BNA_F
ClientSampleId :
PB136974BL

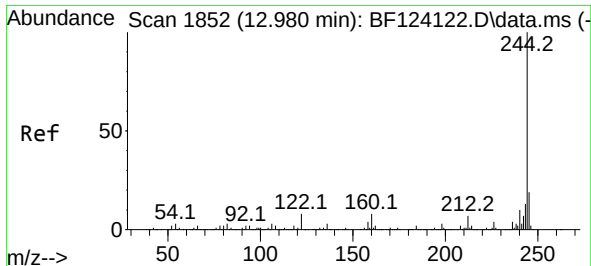
Tgt Ion:240 Resp: 115284
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 24.5 19.0 28.4



#77
Benzidine
Concen: 7.327 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

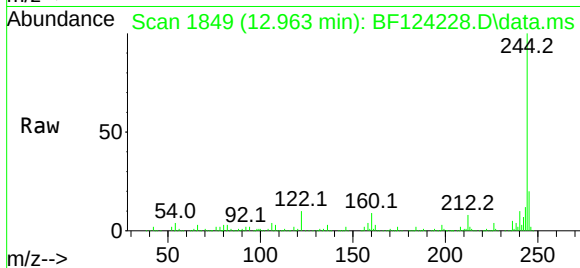
Tgt Ion:184 Resp: 9586
Ion Ratio Lower Upper
184 100
185 24.4 12.1 18.1#
183 10.1 7.8 11.8



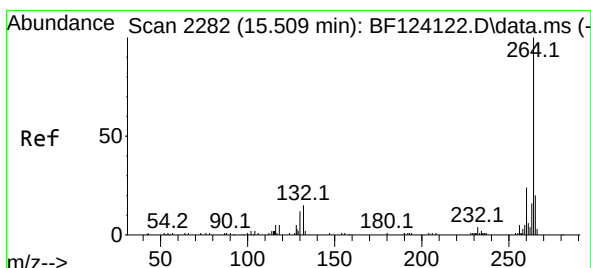
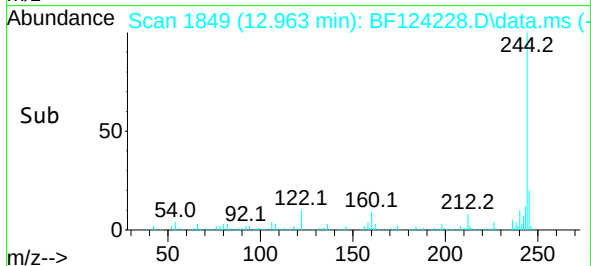
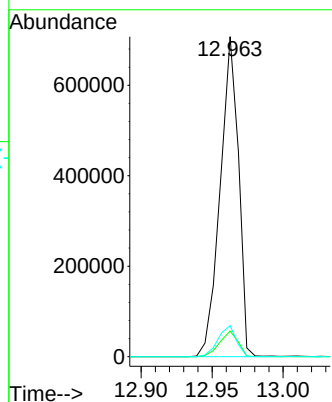


#79
Terphenyl-d14
Concen: 75.479 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

Instrument :
BNA_F
ClientSampleId :
PB136974BL

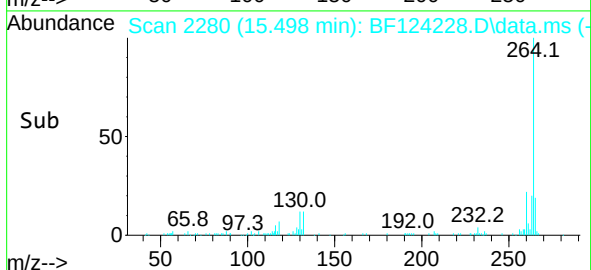
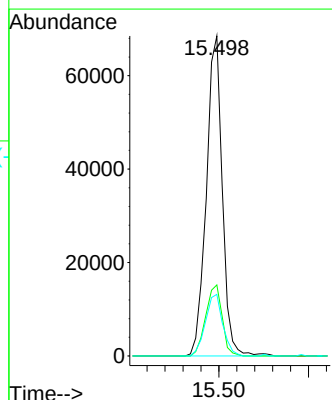
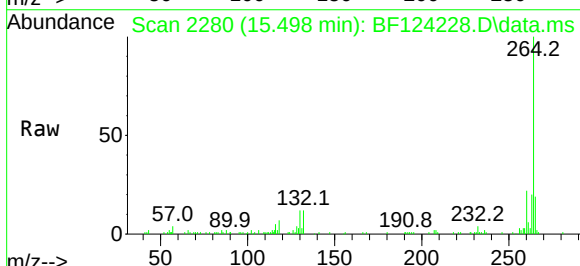


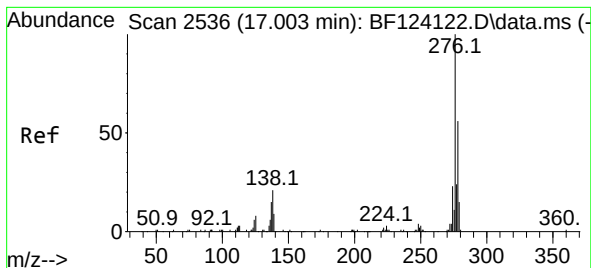
Tgt Ion:244 Resp: 633783
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 9.7 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124228.D
Acq: 10 Jun 2021 12:12

Tgt Ion:264 Resp: 84601
Ion Ratio Lower Upper
264 100
260 22.2 18.7 28.1
265 19.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.357 ng

RT: 17.009 min Scan# 2537

Delta R.T. 0.030 min

Lab File: BF124228.D

Acq: 10 Jun 2021 12:12

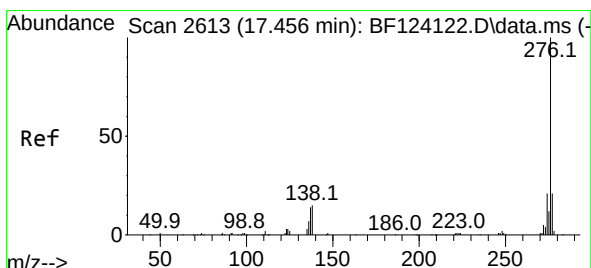
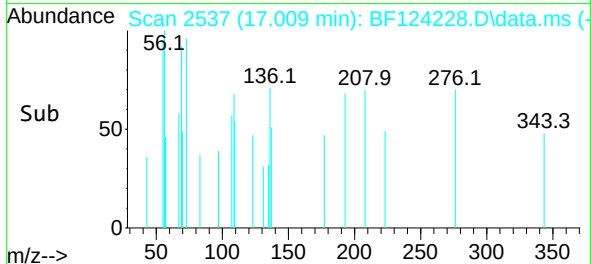
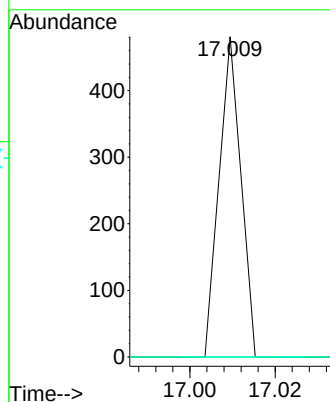
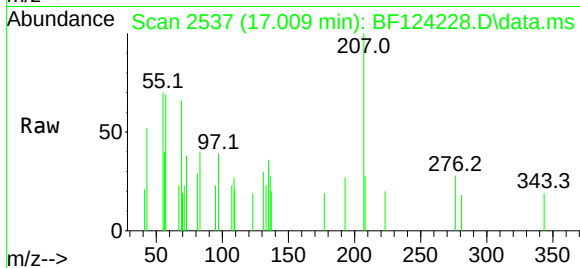
Instrument :

BNA_F

ClientSampleId :

PB136974BL

Tgt Ion:	276	Resp:	170
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.2	24.2#
277	0.0	20.1	30.1#



#92

Benzo(g,h,i)perylene

Concen: 3.829 ng

RT: 17.451 min Scan# 2612

Delta R.T. 0.018 min

Lab File: BF124228.D

Acq: 10 Jun 2021 12:12

Tgt Ion:	276	Resp:	140
Ion Ratio	Lower	Upper	
276	100		
277	0.0	18.2	27.2#
138	0.0	13.8	20.6#

