

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124315.D
 Acq On : 14 Jun 2021 20:00
 Operator : JU/CG
 Sample : M2625-34RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(190-194)RE

Quant Time: Jun 15 02:27:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 12:10:02 2021
 Response via : Initial Calibration

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

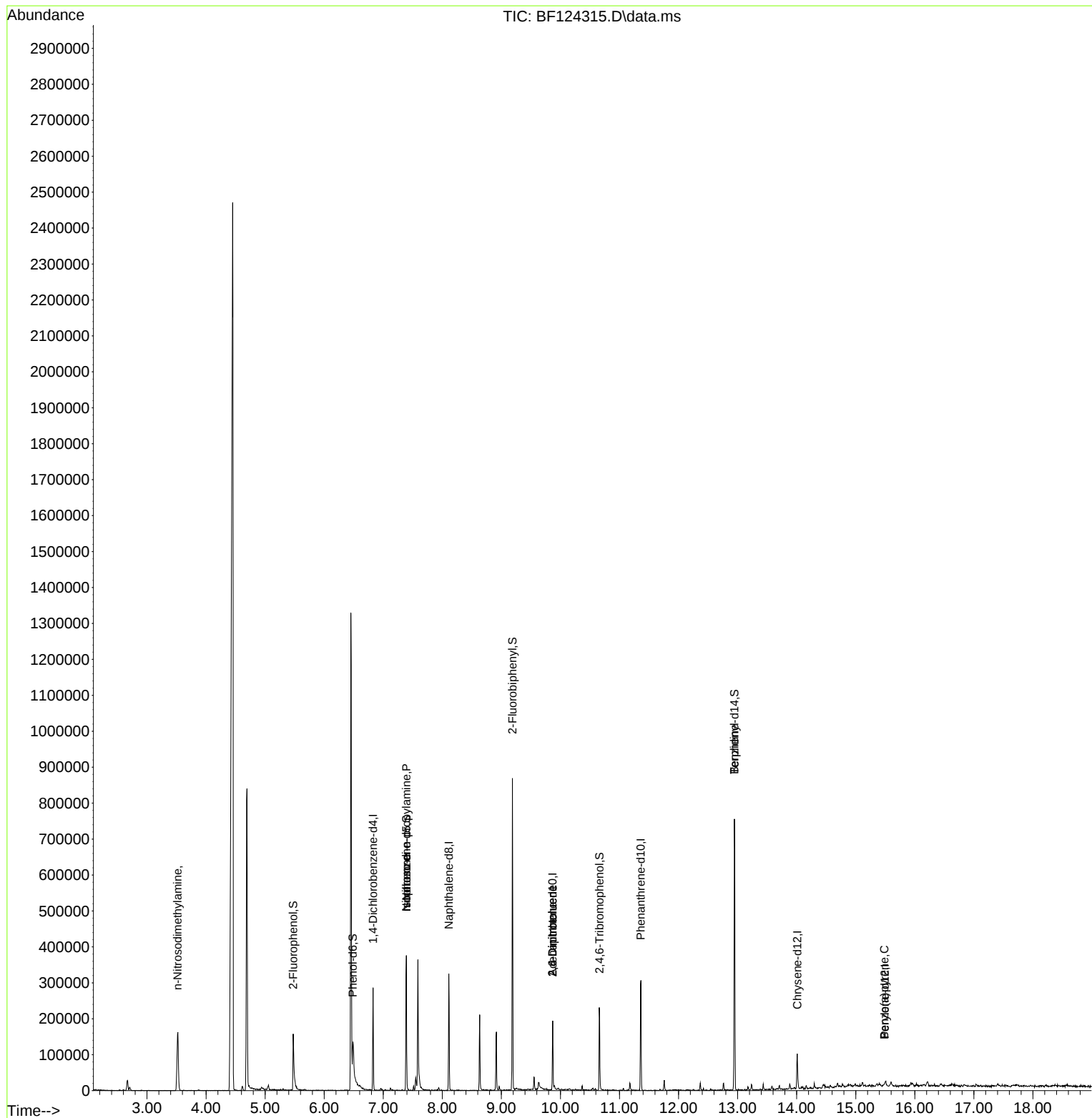
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	32488	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	120146	20.00	ng	# 0.00
39) Acenaphthene-d10	9.869	164	28465	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	92026	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	22343	20.00	ng	# 0.00
86) Perylene-d12	15.492	264	975	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	50766	23.52	ng	0.02
7) Phenol-d6	6.487	99	27958	9.64	ng	0.00
23) Nitrobenzene-d5	7.392	82	111323	36.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	25321	62.79	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	210859	93.22	ng	-0.01
79) Terphenyl-d14	12.945	244	184270	113.23	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.516	42	3601	2.51	ng	# 1
19) n-Nitroso-di-n-propyla...	7.392	70	15736	7.68	ng	# 66
25) Isophorone	7.392	82	111321	20.39	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	3564	6.60	ng	# 16
57) 2,4-Dinitrotoluene	9.869	165	3564	5.00	ng	# 23
77) Benzidine	12.945	184	3662	10.50	ng	# 70
90) Benzo(a)pyrene	15.486	252	134	2.04	ng	# 59

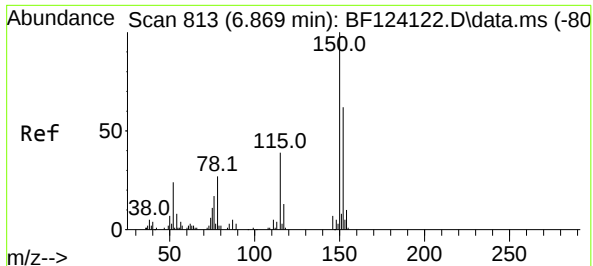
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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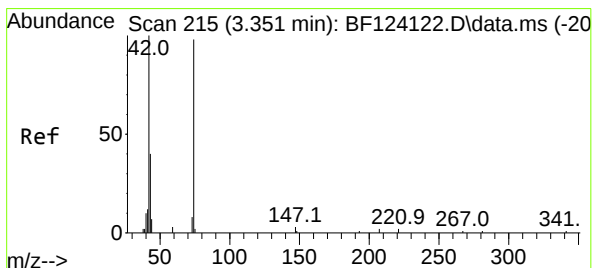
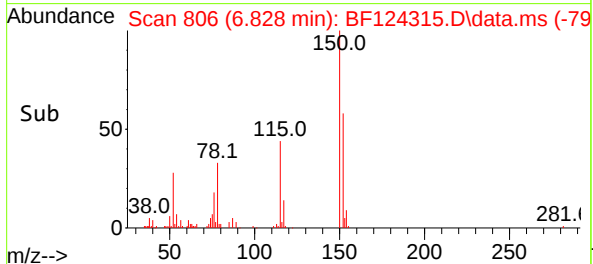
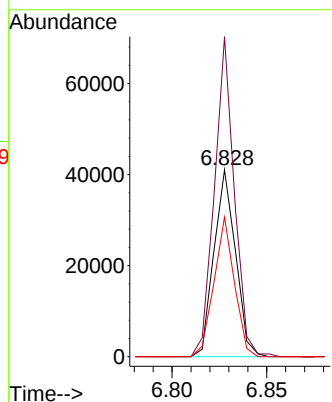
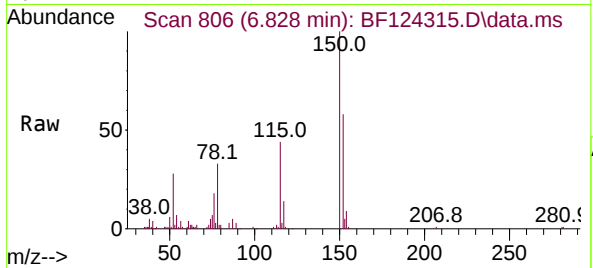




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

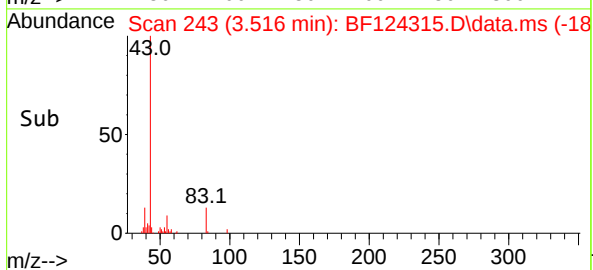
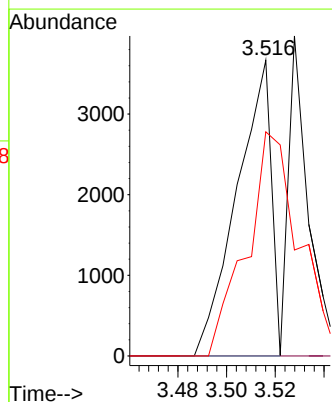
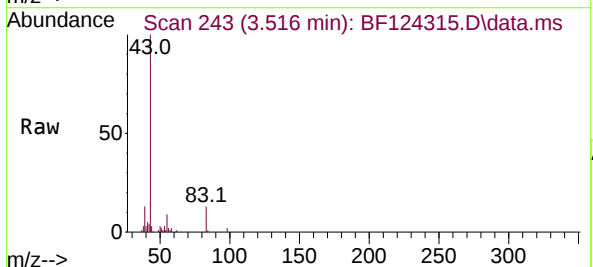
Instrument :
BNA_F
ClientSampleId :
18-B12(190-194)RE

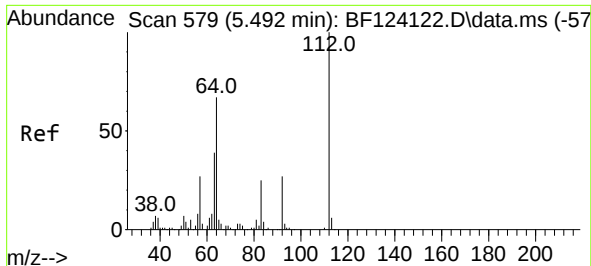
Tgt Ion:152 Resp: 32488
Ion Ratio Lower Upper
152 100
150 171.2 127.0 190.6
115 74.7 54.3 81.5



#4
n-Nitrosodimethylamine
Concen: 2.51 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.241 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

Tgt Ion: 42 Resp: 3601
Ion Ratio Lower Upper
42 100
74 0.0 83.5 125.3#
44 75.8 5.7 8.5#

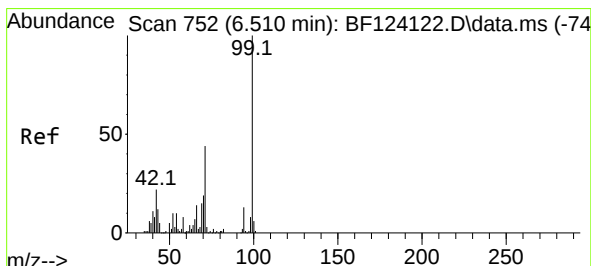
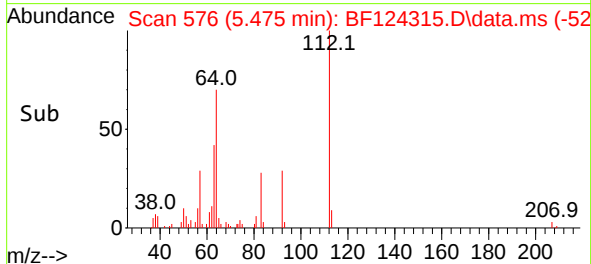
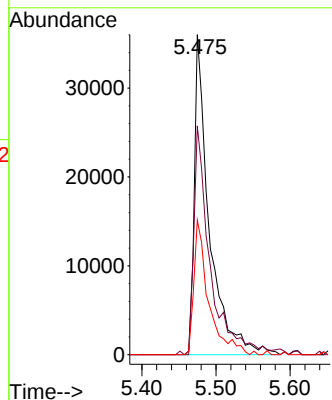
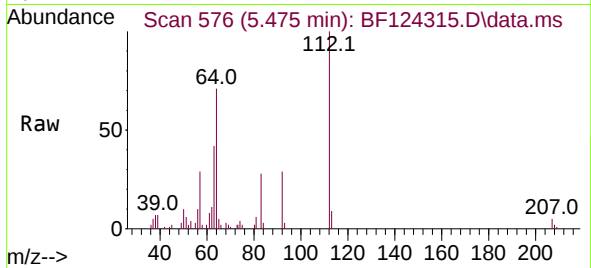




#5
2-Fluorophenol
Concen: 23.52 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

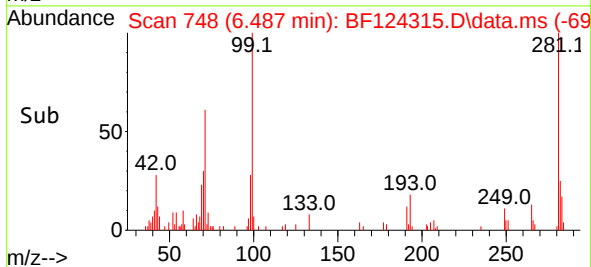
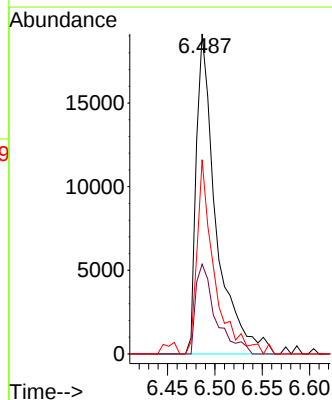
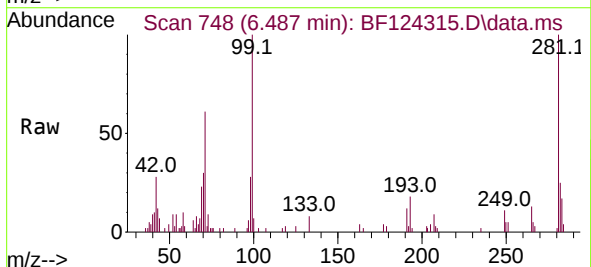
Instrument :
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ClientSampleId :
18-B12(190-194)RE

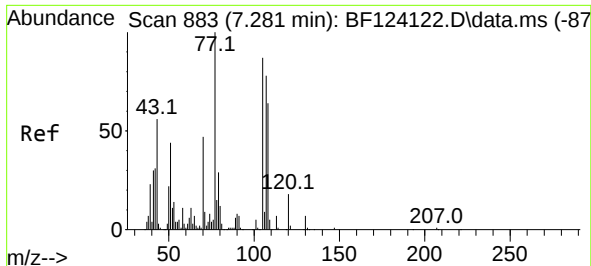
Tgt Ion:	112	Resp:	50766
Ion Ratio	Lower	Upper	
112	100		
64	71.5	61.4	92.0
63	42.0	33.0	49.4



#7
Phenol-d6
Concen: 9.64 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

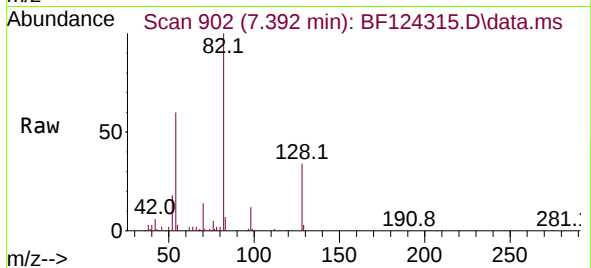
Tgt Ion:	99	Resp:	27958
Ion Ratio	Lower	Upper	
99	100		
42	28.0	19.8	29.8
71	60.7	31.1	46.7



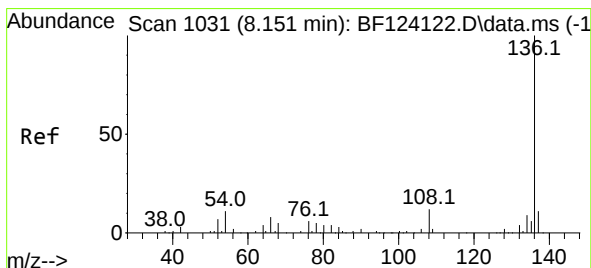
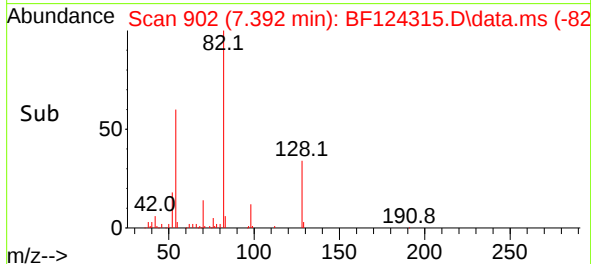
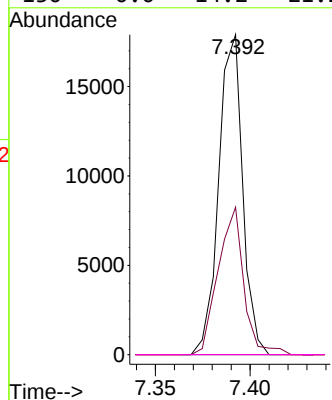


#19
n-Nitroso-di-n-propylamine
Concen: 7.68 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

Instrument :
BNA_F
ClientSampleId :
18-B12(190-194)RE

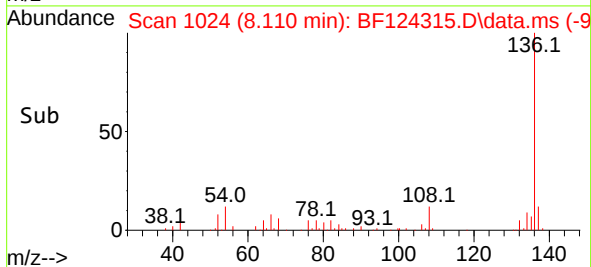
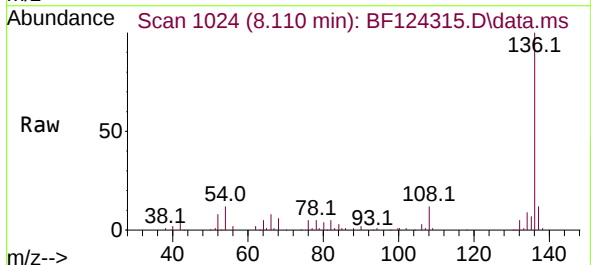
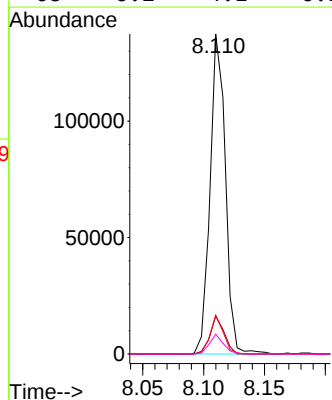


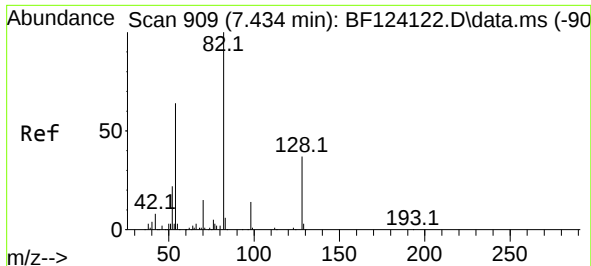
Tgt Ion: 70 Resp: 15736
Ion Ratio Lower Upper
70 100
42 46.1 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

Tgt Ion: 136 Resp: 120146
Ion Ratio Lower Upper
136 100
137 11.8 8.7 13.1
54 12.2 9.8 14.6
68 6.2 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 36.75 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF124315.D

Acq: 14 Jun 2021 20:00

Tgt Ion: 82 Resp: 111323

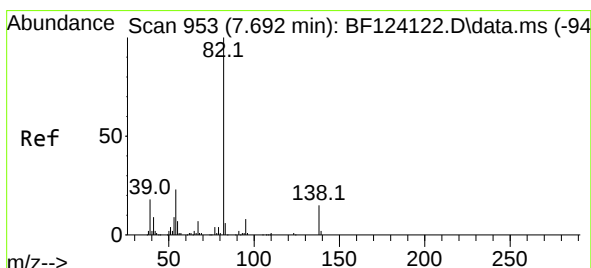
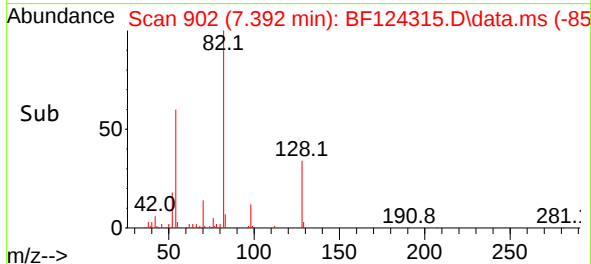
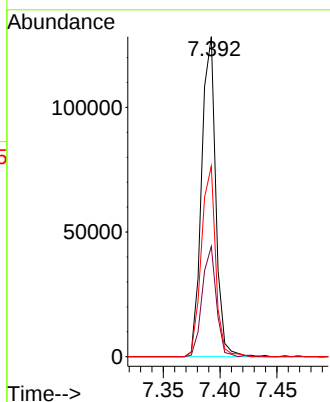
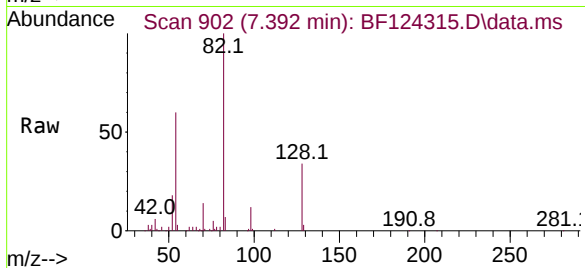
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.4	44.2
54	59.6	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

18-B12(190-194)RE



#25

Isophorone

Concen: 20.39 ng

RT: 7.392 min Scan# 902

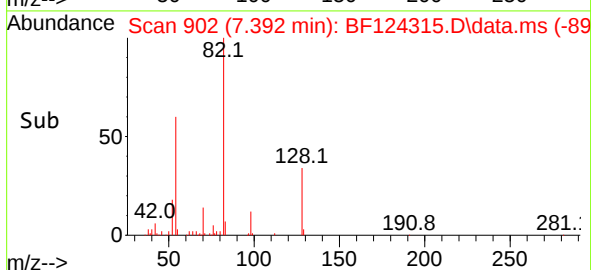
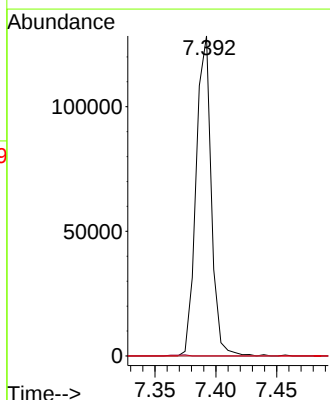
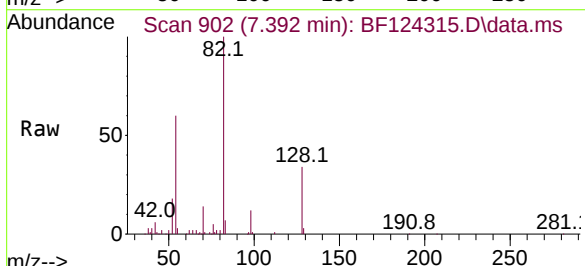
Delta R.T. -0.271 min

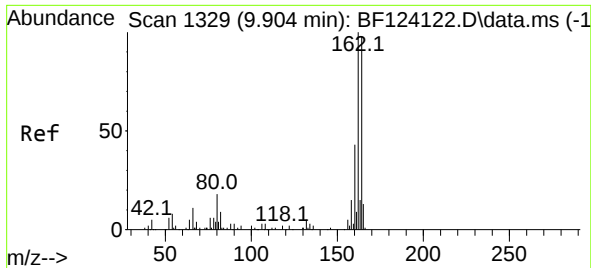
Lab File: BF124315.D

Acq: 14 Jun 2021 20:00

Tgt Ion: 82 Resp: 111321

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

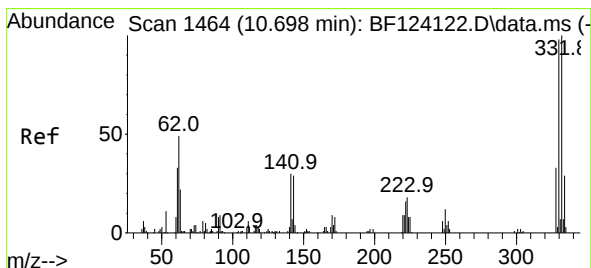
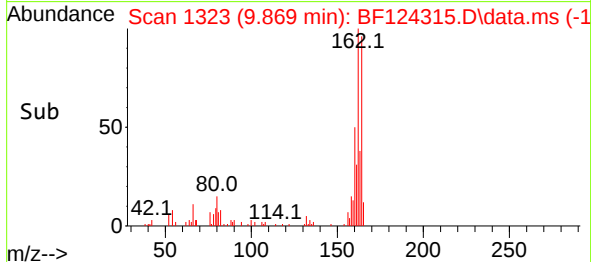
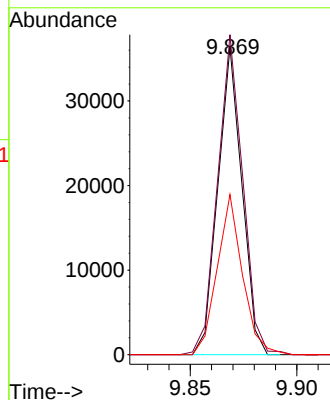
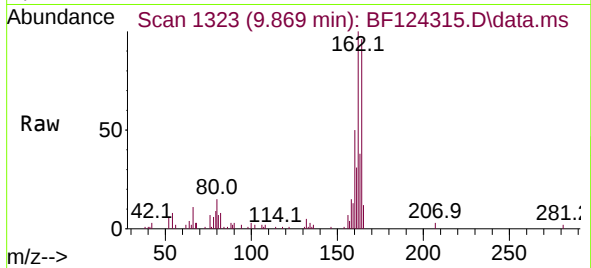




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

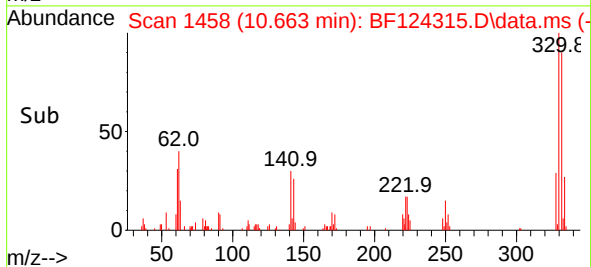
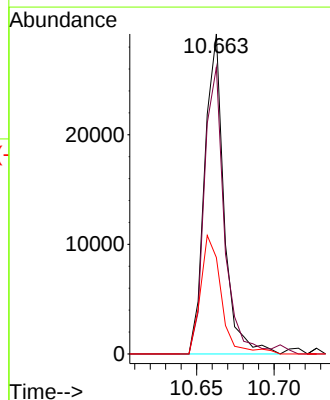
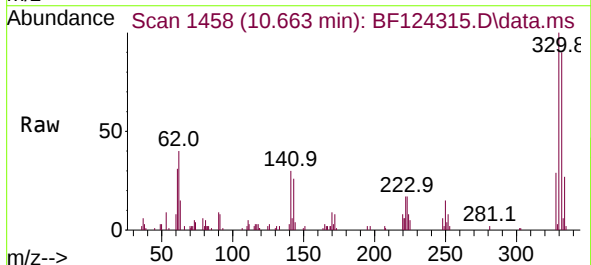
Instrument :
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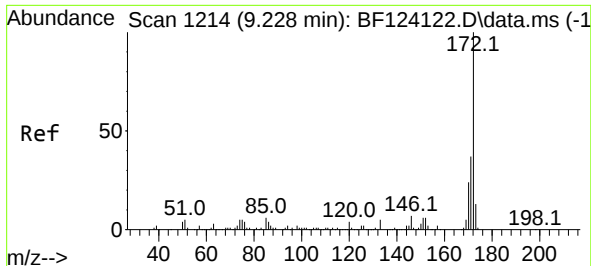
Tgt Ion:164 Resp: 28465
Ion Ratio Lower Upper
164 100
162 103.9 80.7 121.1
160 52.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 62.79 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

Tgt Ion:330 Resp: 25321
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 39.9 27.9 41.9

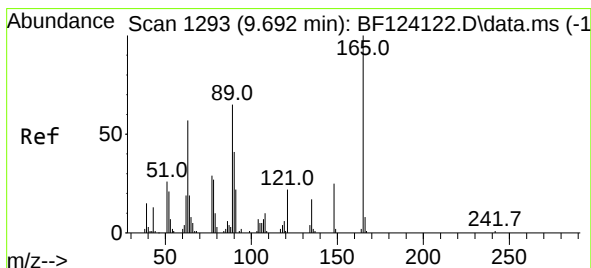
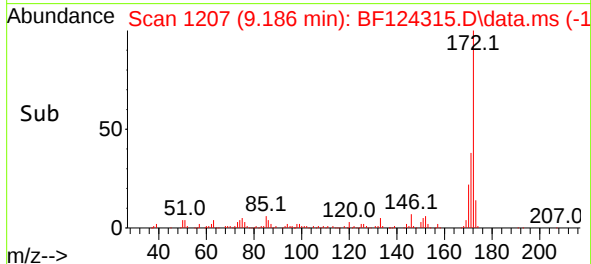
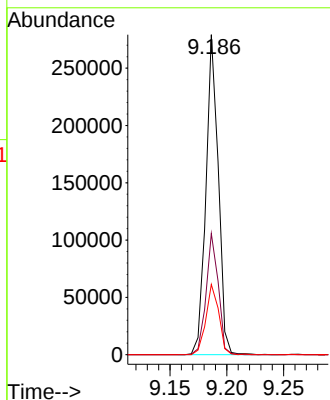
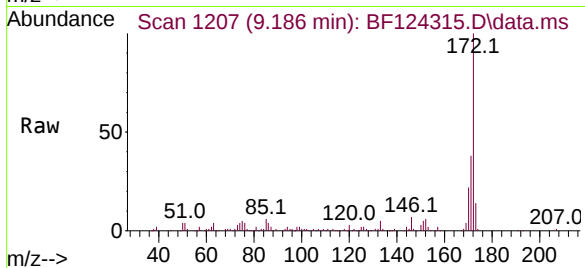




#45
2-Fluorobiphenyl
Concen: 93.22 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

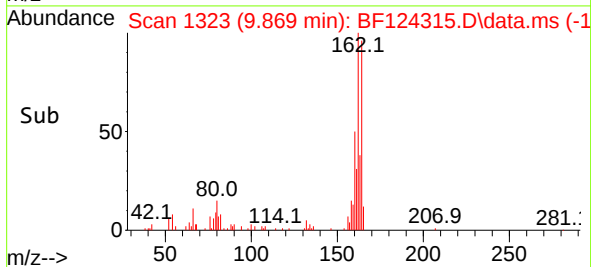
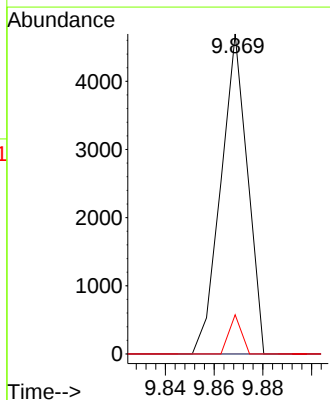
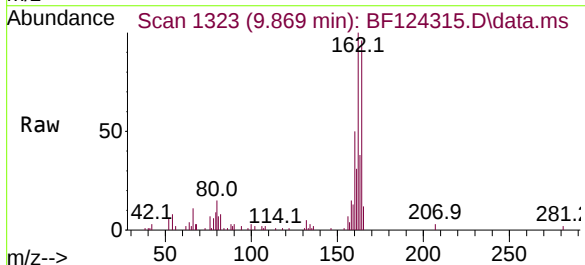
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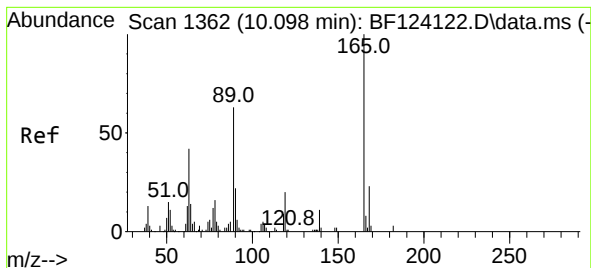
Tgt Ion:172 Resp: 210859
Ion Ratio Lower Upper
172 100
171 37.9 28.1 42.1
170 21.9 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 6.60 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.200 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

Tgt Ion:165 Resp: 3564
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 12.3 58.8 88.2#

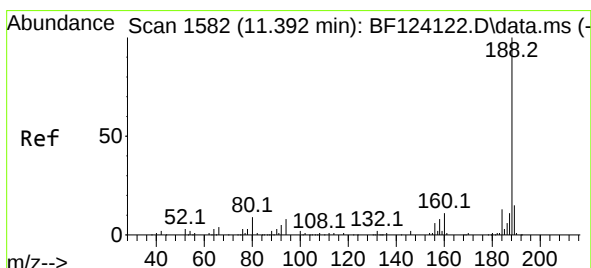
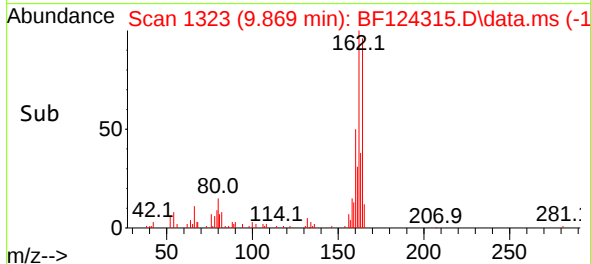
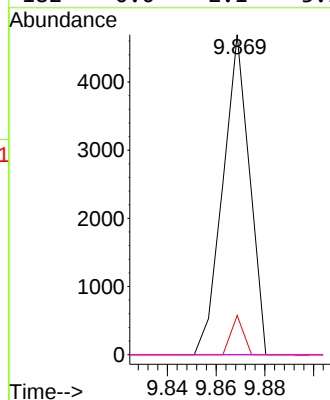
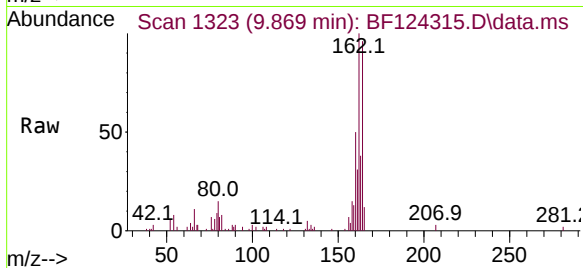




#57
2,4-Dinitrotoluene
Concen: 5.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

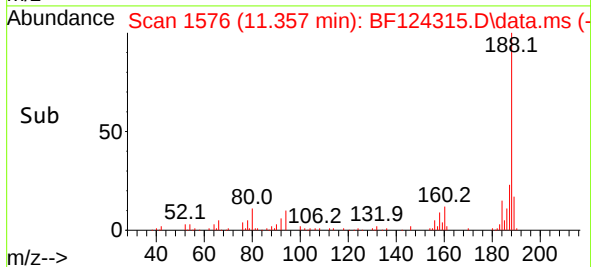
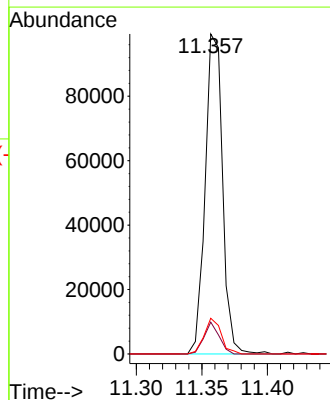
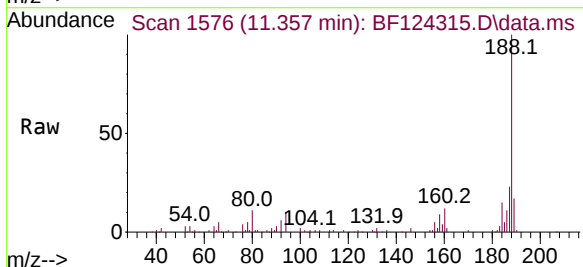
Instrument :
BNA_F
ClientSampleId :
18-B12(190-194)RE

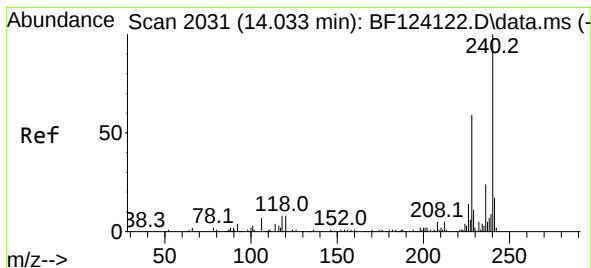
Tgt Ion:165	Resp:	3564
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.5 65.3#
89	12.3	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

Tgt Ion:188	Resp:	92026
Ion Ratio	Lower	Upper
188	100	
94	9.9	6.9 10.3
80	11.1	8.2 12.2

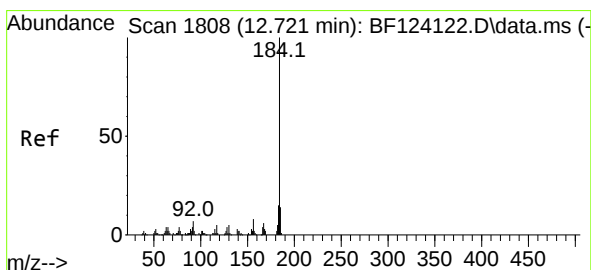
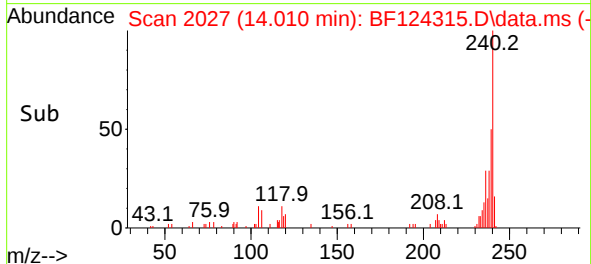
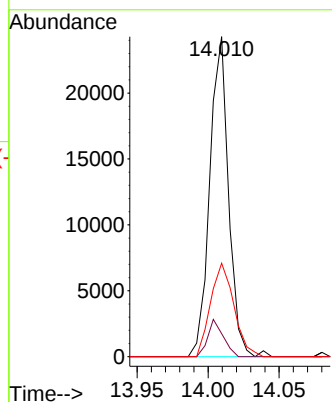
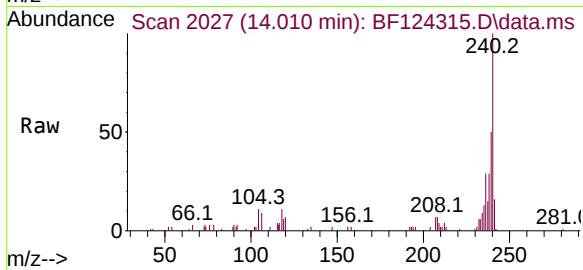




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

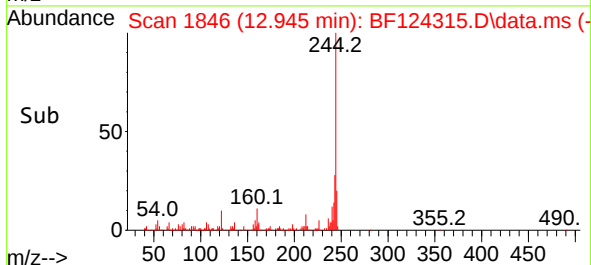
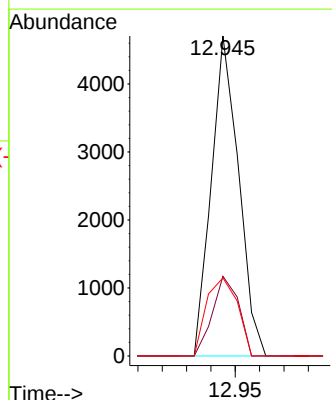
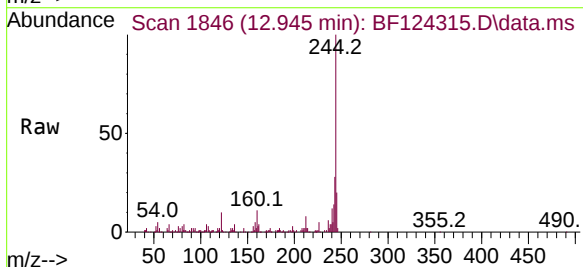
Instrument :
BNA_F
ClientSampleId :
18-B12(190-194)RE

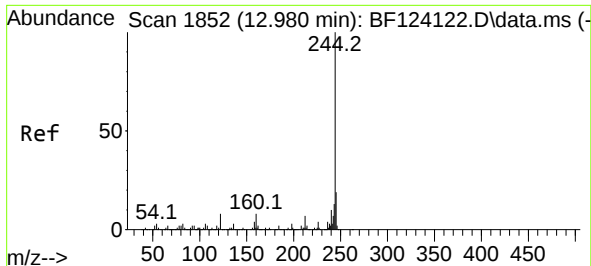
Tgt Ion:240 Resp: 22343
Ion Ratio Lower Upper
240 100
120 7.2 7.2 10.8#
236 29.2 19.0 28.4#



#77
Benzidine
Concen: 10.50 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.241 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

Tgt Ion:184 Resp: 3662
Ion Ratio Lower Upper
184 100
185 24.9 12.1 18.1#
183 24.4 7.8 11.8#

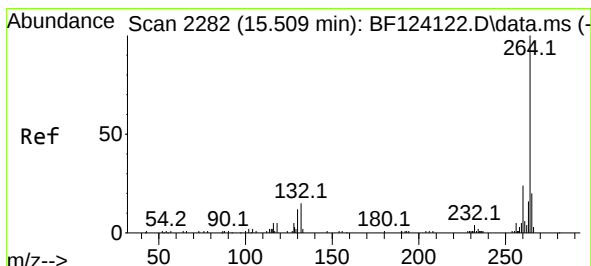
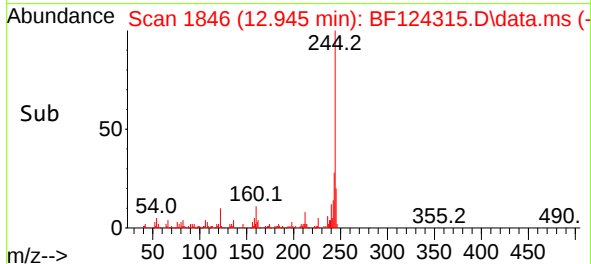
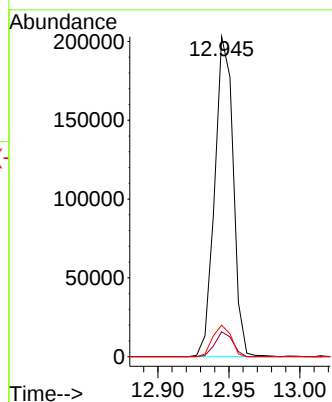
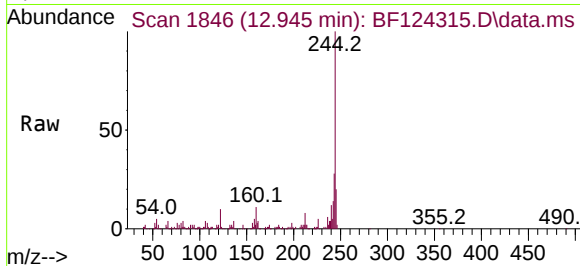




#79
Terphenyl-d14
Concen: 113.23 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

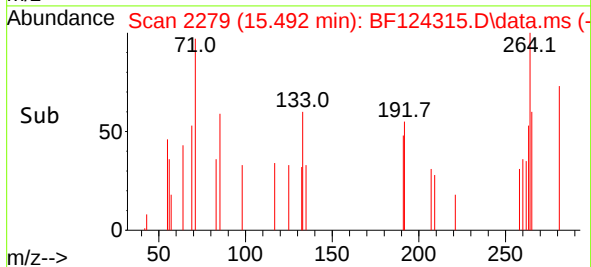
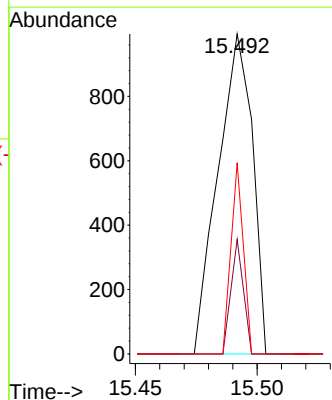
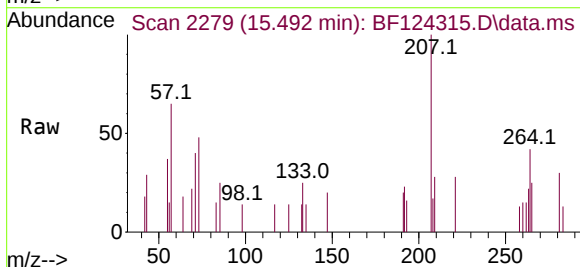
Instrument :
BNA_F
ClientSampleId :
18-B12(190-194)RE

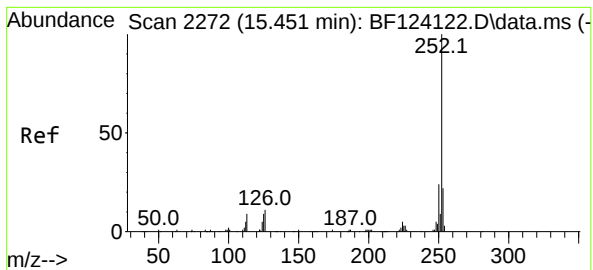
Tgt Ion:244 Resp: 184270
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.8 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF124315.D
Acq: 14 Jun 2021 20:00

Tgt Ion:264 Resp: 975
Ion Ratio Lower Upper
264 100
260 35.8 18.7 28.1#
265 59.8 17.8 26.8#





#90
 Benzo(a)pyrene
 Concen: 2.04 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.053 min
 Lab File: BF124315.D
 Acq: 14 Jun 2021 20:00

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(190-194)RE

Tgt Ion:252	Resp:	134
Ion Ratio	Lower	Upper
252	100	
253	0.0	18.4 27.6#
125	0.0	8.0 12.0#

