

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022521\
 Data File : BF123302.D
 Acq On : 25 Feb 2021 17:10
 Operator : JU/CG
 Sample : M1477-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995RE

Quant Time: Feb 25 17:37:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

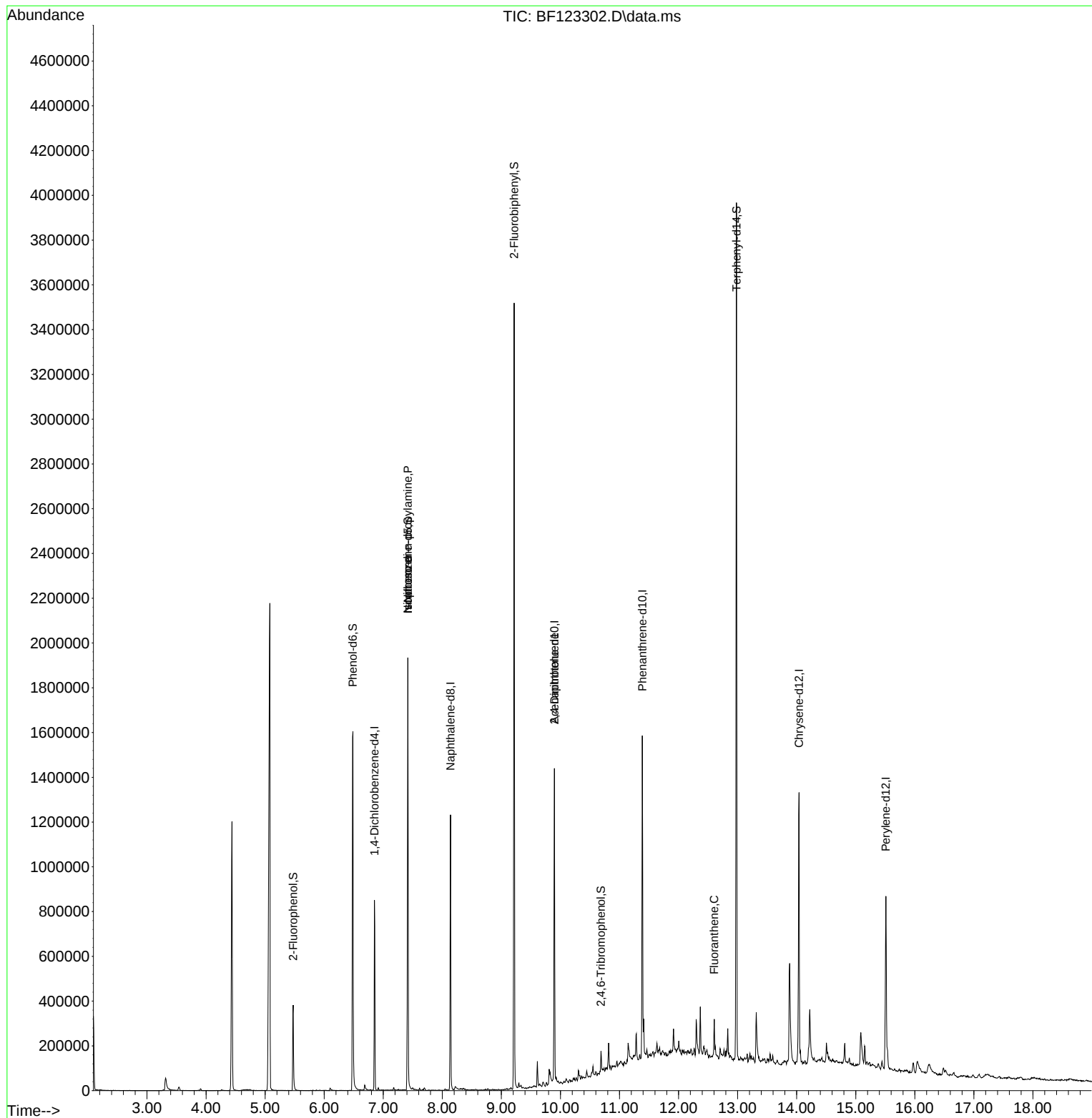
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	109950	20.00	ng	# 0.00
21) Naphthalene-d8	8.139	136	475932	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	254294	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	479318	20.00	ng	0.00
76) Chrysene-d12	14.039	240	397232	20.00	ng	0.00
86) Perylene-d12	15.509	264	320173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	107513	14.07	ng	0.00
7) Phenol-d6	6.487	99	546041	52.62	ng	0.00
23) Nitrobenzene-d5	7.416	82	572240	55.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	8875	3.43	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	924014	52.19	ng	0.00
79) Terphenyl-d14	12.980	244	1063619	51.49	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	115	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	83515	13.53	ng	# 81
25) Isophorone	7.416	82	568658	29.25	ng	# 65
57) 2,4-Dinitrotoluene	9.898	165	33383	5.66	ng	# 27
75) Fluoranthene	12.604	202	62145	2.07	ng	96

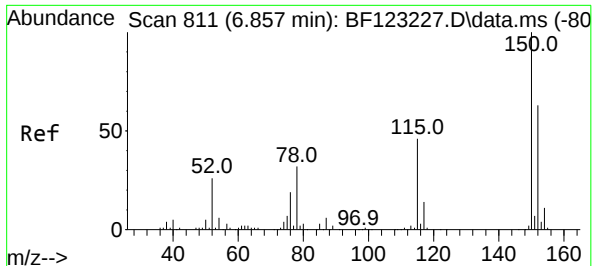
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022521\
Data File : BF123302.D
Acq On : 25 Feb 2021 17:10
Operator : JU/CG
Sample : M1477-01RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11995RE

Quant Time: Feb 25 17:37:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

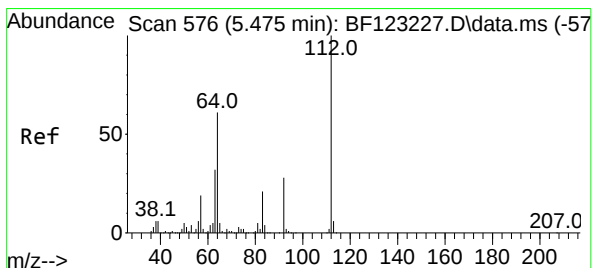
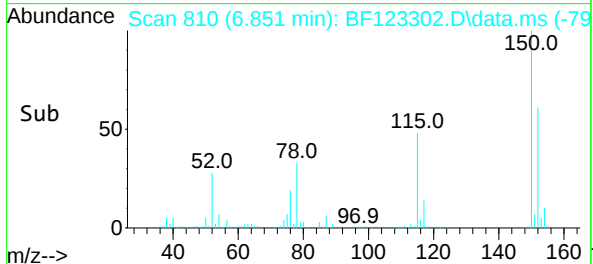
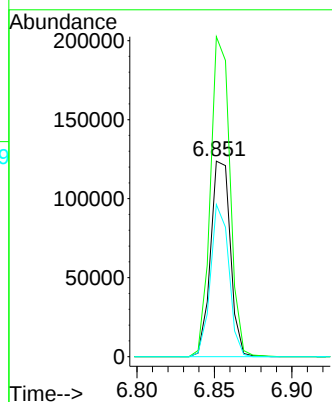
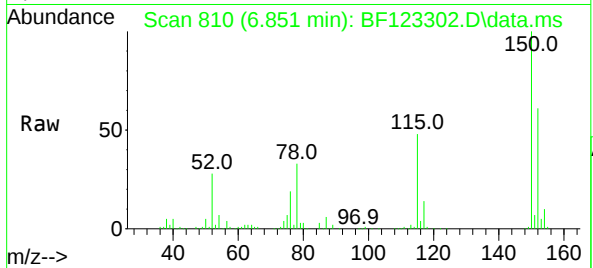




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

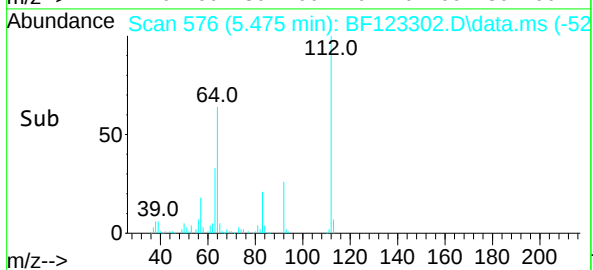
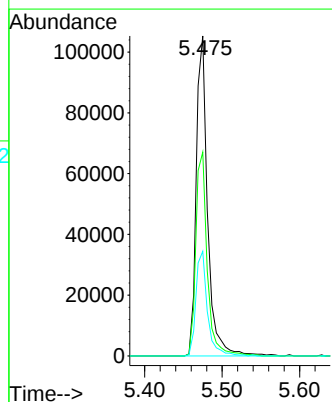
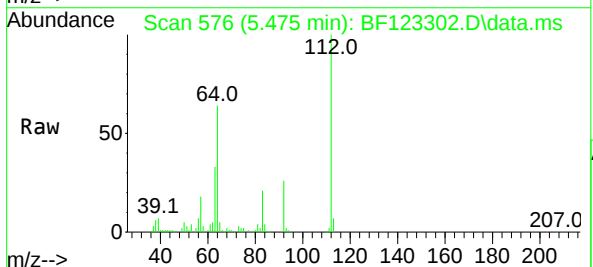
Instrument :
BNA_F
ClientSampleId :
72-11995RE

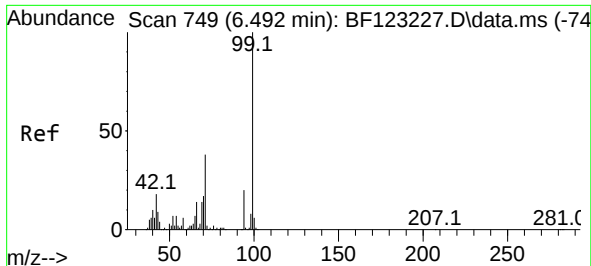
Tgt Ion:152 Resp: 109950
Ion Ratio Lower Upper
152 100
150 163.7 125.8 188.6
115 77.8 49.3 73.9#



#5
2-Fluorophenol
Concen: 14.07 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

Tgt Ion:112 Resp: 107513
Ion Ratio Lower Upper
112 100
64 63.7 46.9 70.3
63 32.7 24.5 36.7

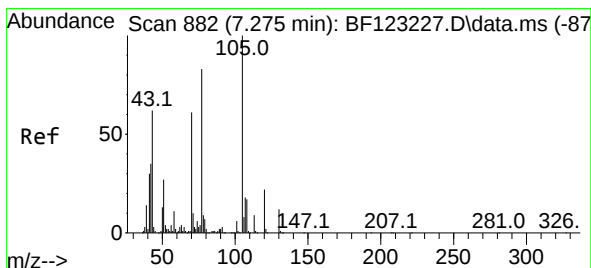
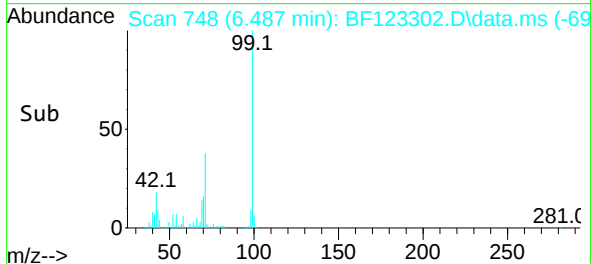
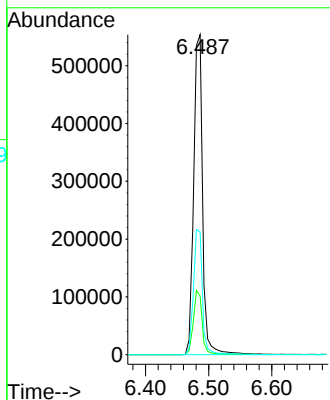
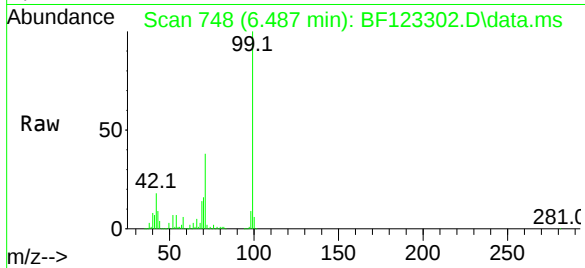




#7
Phenol-d6
Concen: 52.62 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

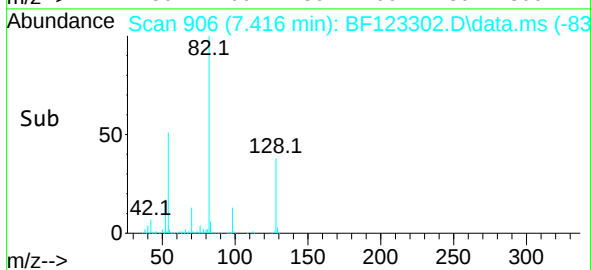
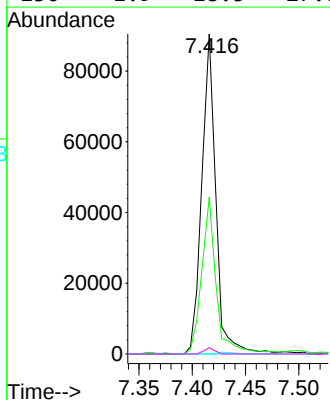
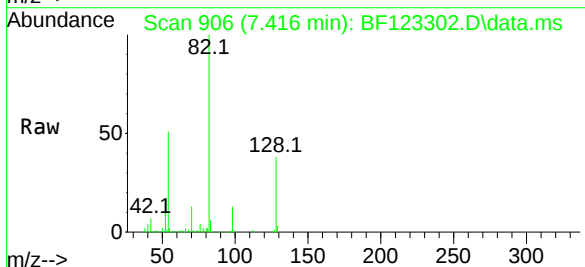
Instrument :
BNA_F
ClientSampleId :
72-11995RE

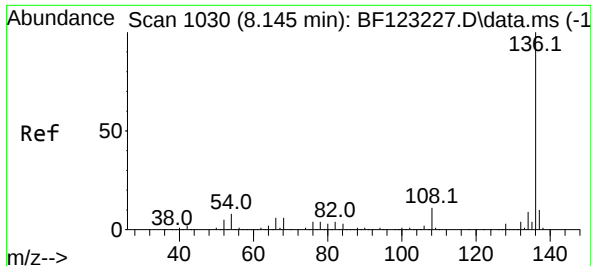
Tgt Ion: 99 Resp: 546041
Ion Ratio Lower Upper
99 100
42 18.3 13.8 20.6
71 38.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.53 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

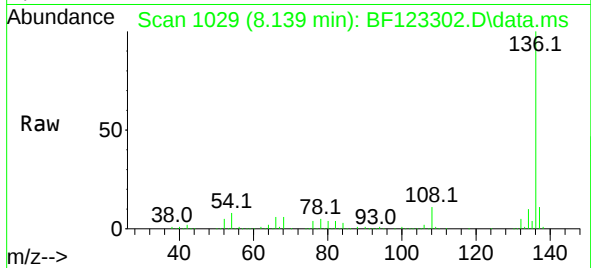
Tgt Ion: 70 Resp: 83515
Ion Ratio Lower Upper
70 100
42 49.0 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



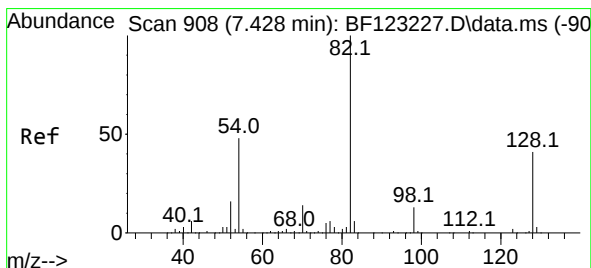
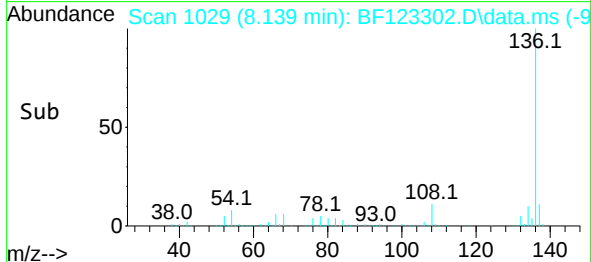
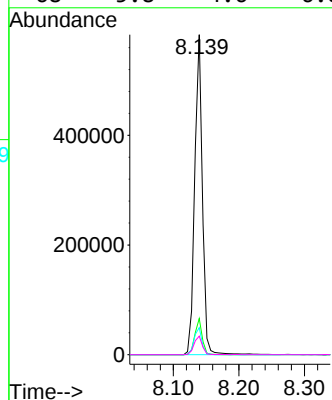


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

Instrument :
BNA_F
ClientSampleId :
72-11995RE

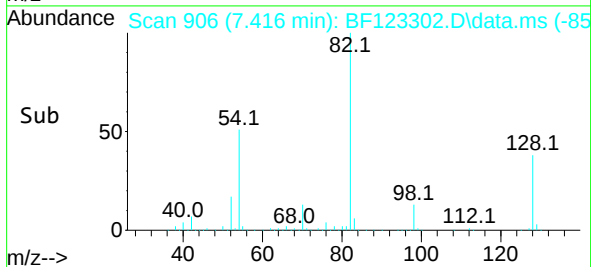
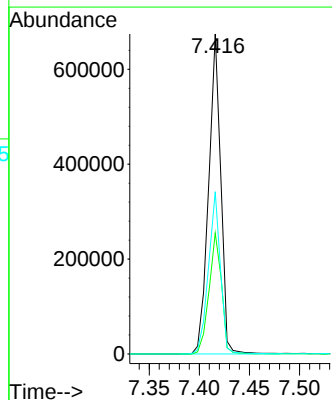
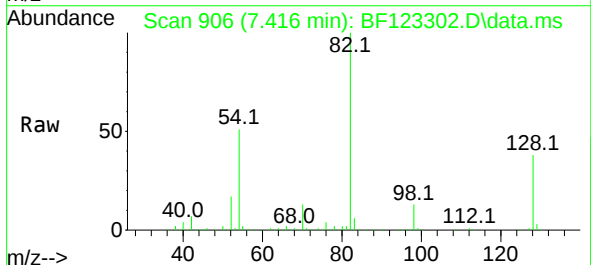


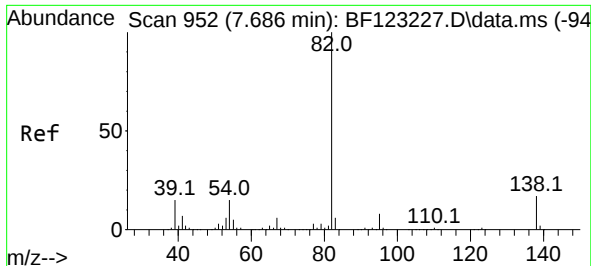
Tgt Ion:136 Resp: 475932
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.4 5.5 8.3#
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 55.04 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 82 Resp: 572240
Ion Ratio Lower Upper
82 100
128 37.8 37.0 55.4
54 50.7 38.4 57.6

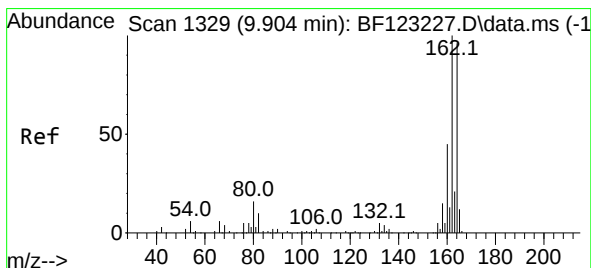
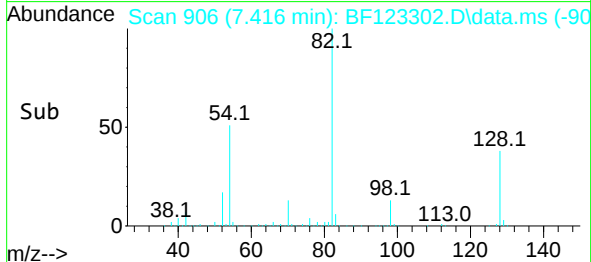
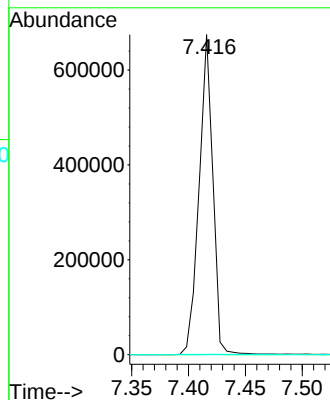
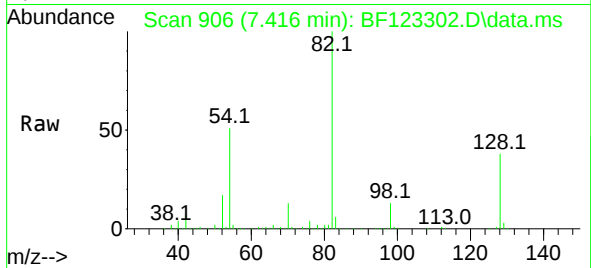




#25
Isophorone
Concen: 29.25 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

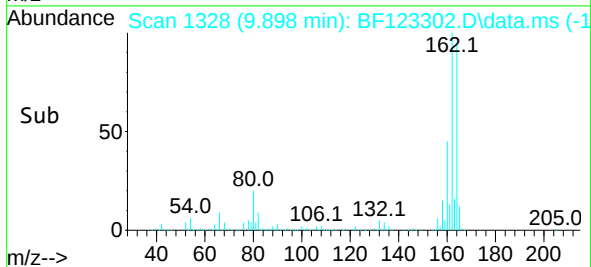
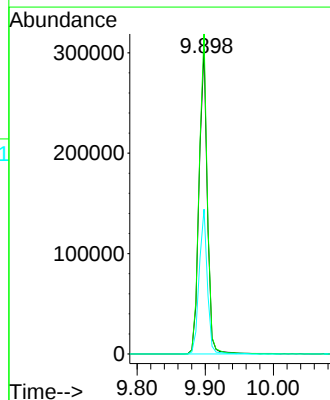
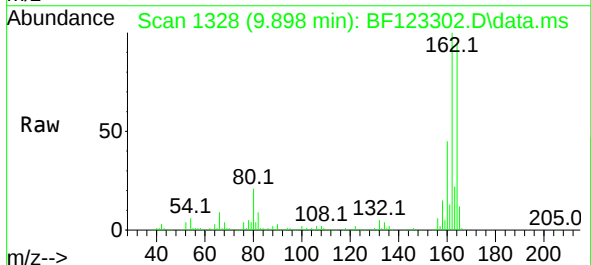
Instrument :
BNA_F
ClientSampleId :
72-11995RE

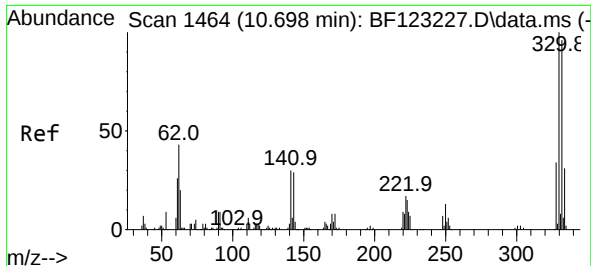
Tgt Ion: 82 Resp: 568658
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

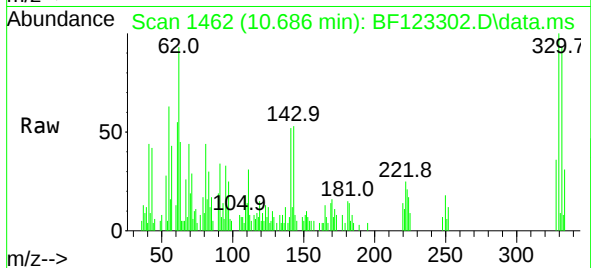
Tgt Ion: 164 Resp: 254294
Ion Ratio Lower Upper
164 100
162 104.9 80.8 121.2
160 47.5 35.4 53.0



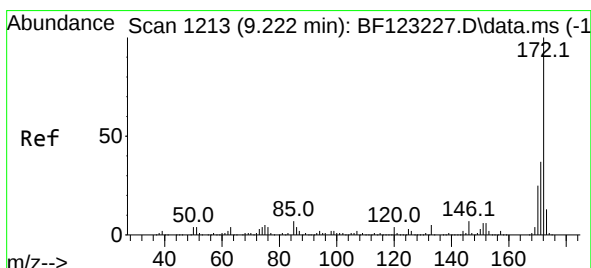
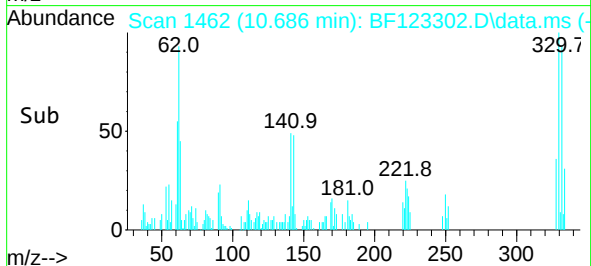
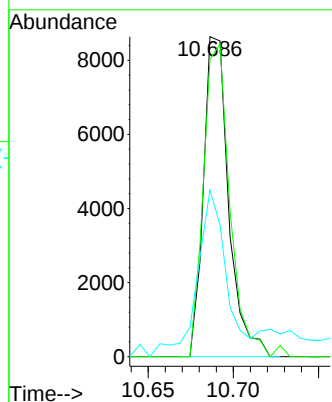


#42
2,4,6-Tribromophenol
Concen: 3.43 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

Instrument :
BNA_F
ClientSampled :
72-11995RE

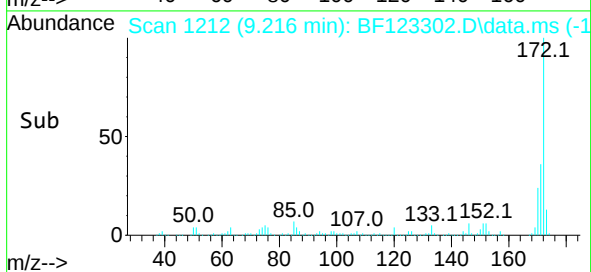
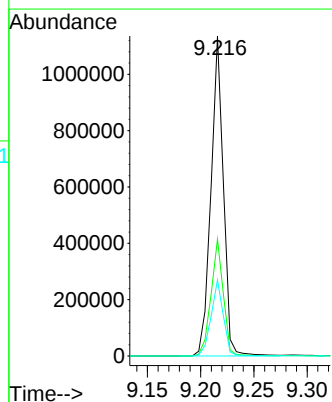
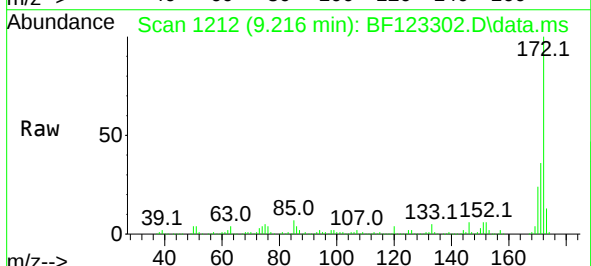


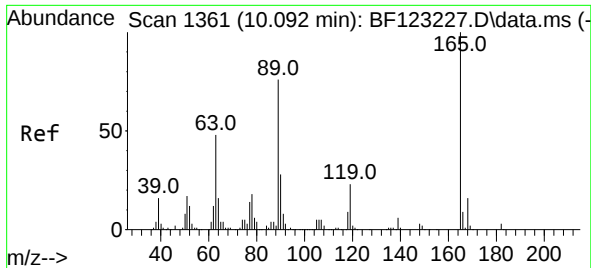
Tgt Ion: 330 Resp: 8875
Ion Ratio Lower Upper
330 100
332 103.4 77.5 116.3
141 60.0 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 52.19 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 172 Resp: 924014
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.8 19.5 29.3

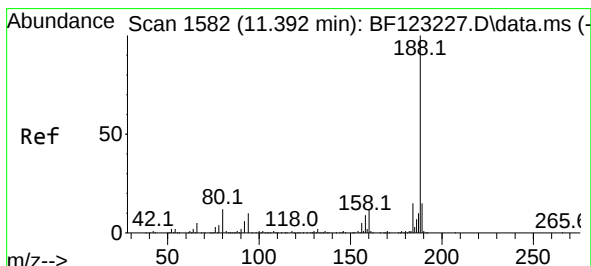
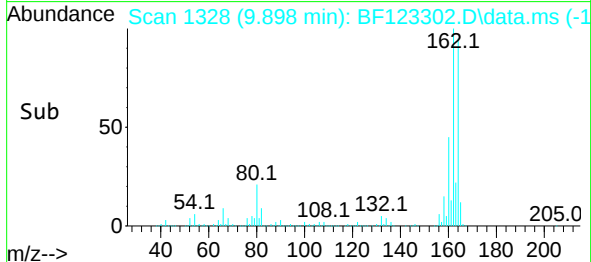
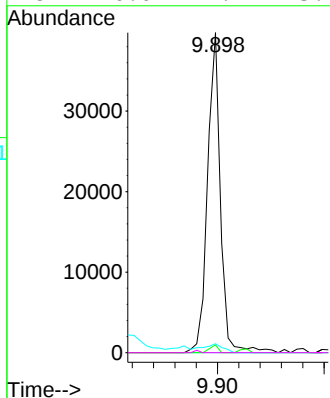
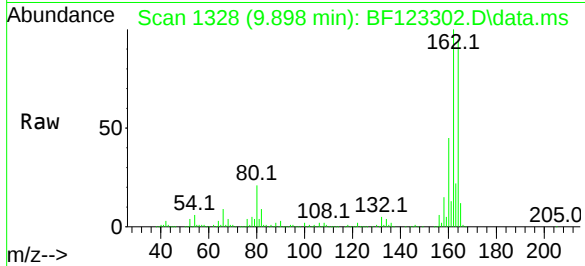




#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

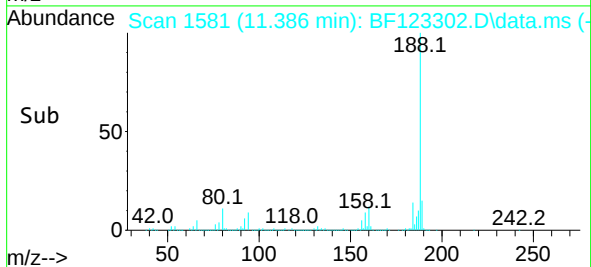
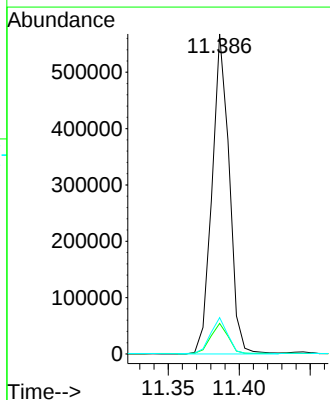
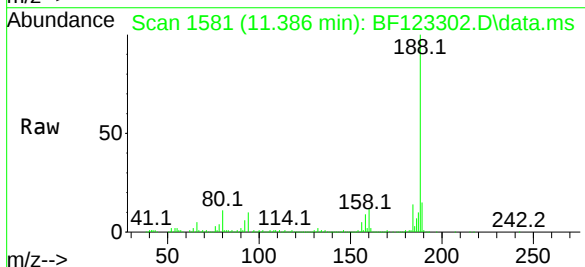
Instrument :
BNA_F
ClientSampleId :
72-11995RE

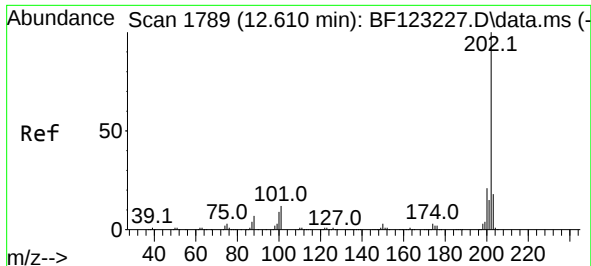
Tgt Ion:165 Resp: 33383
Ion Ratio Lower Upper
165 100
63 2.5 34.3 51.5#
89 2.8 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

Tgt Ion:188 Resp: 479318
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 11.4 8.2 12.4

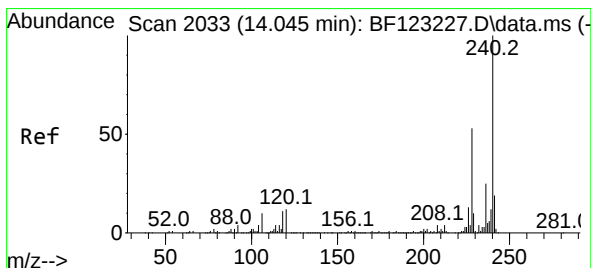
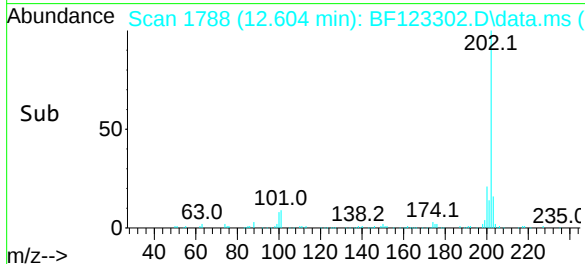
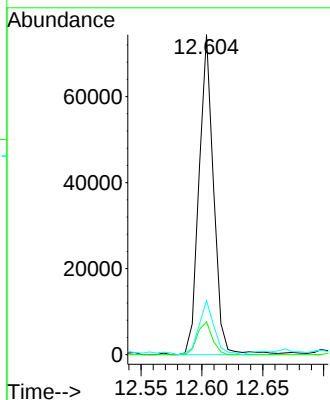
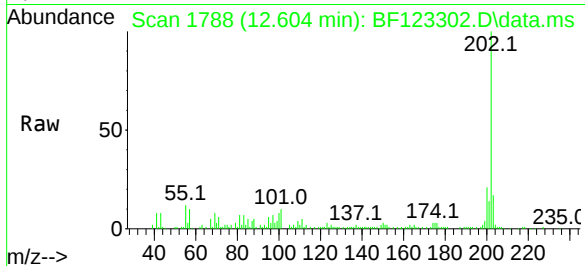




#75
Fluoranthene
Concen: 2.07 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

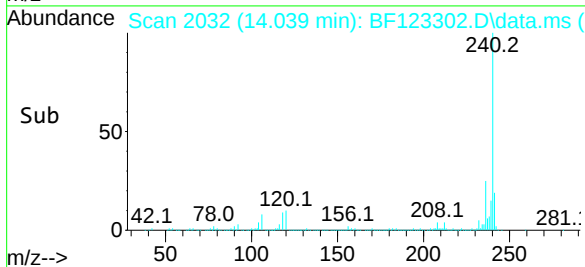
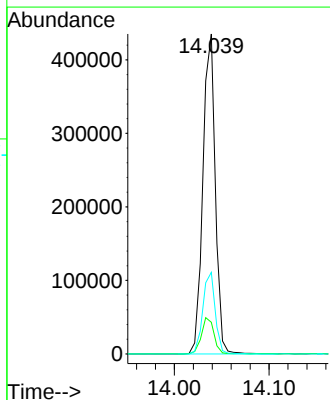
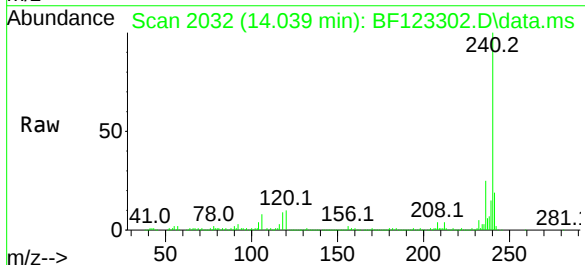
Instrument :
BNA_F
ClientSampleId :
72-11995RE

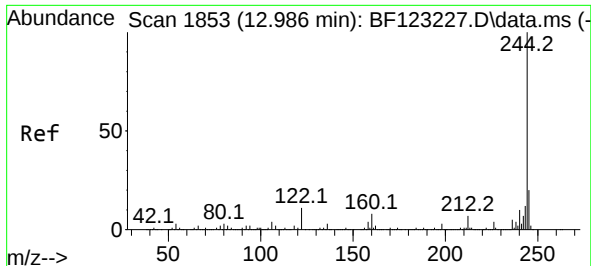
Tgt Ion:202	Resp:	62145
Ion Ratio	Lower	Upper
202	100	
101	10.3	0.0 32.2
203	16.9	0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123302.D
Acq: 25 Feb 2021 17:10

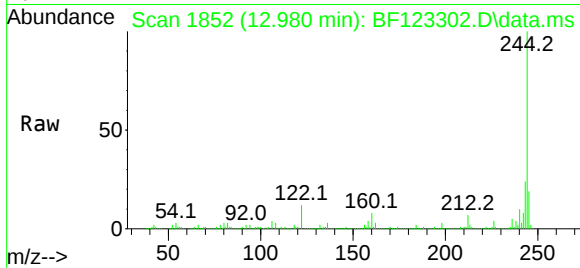
Tgt Ion:240	Resp:	397232
Ion Ratio	Lower	Upper
240	100	
120	9.9	8.6 12.8
236	25.5	20.3 30.5



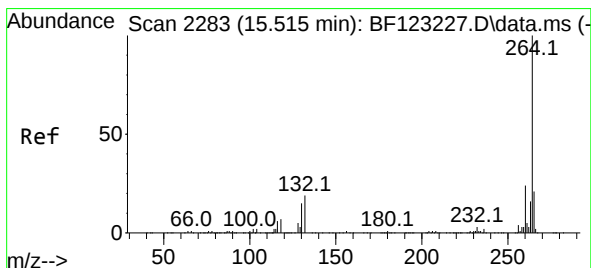
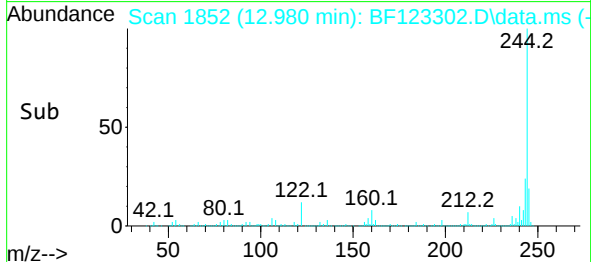
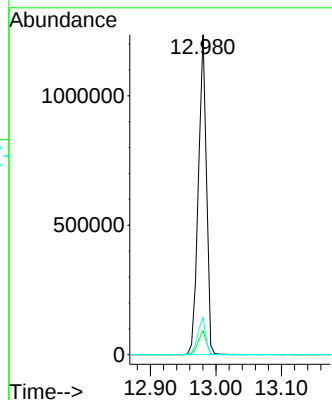


#79
 Terphenyl-d14
 Concen: 51.49 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF123302.D
 Acq: 25 Feb 2021 17:10

Instrument :
 BNA_F
 ClientSampleId :
 72-11995RE



Tgt Ion:244 Resp: 1063619
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 11.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123302.D
 Acq: 25 Feb 2021 17:10

Tgt Ion:264 Resp: 320173
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.7 17.0 25.6

