

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126513.D
 Acq On : 6 Jan 2022 11:21
 Operator : JU/CG
 Sample : PB141826BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141826BL

Quant Time: Jan 07 08:31:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

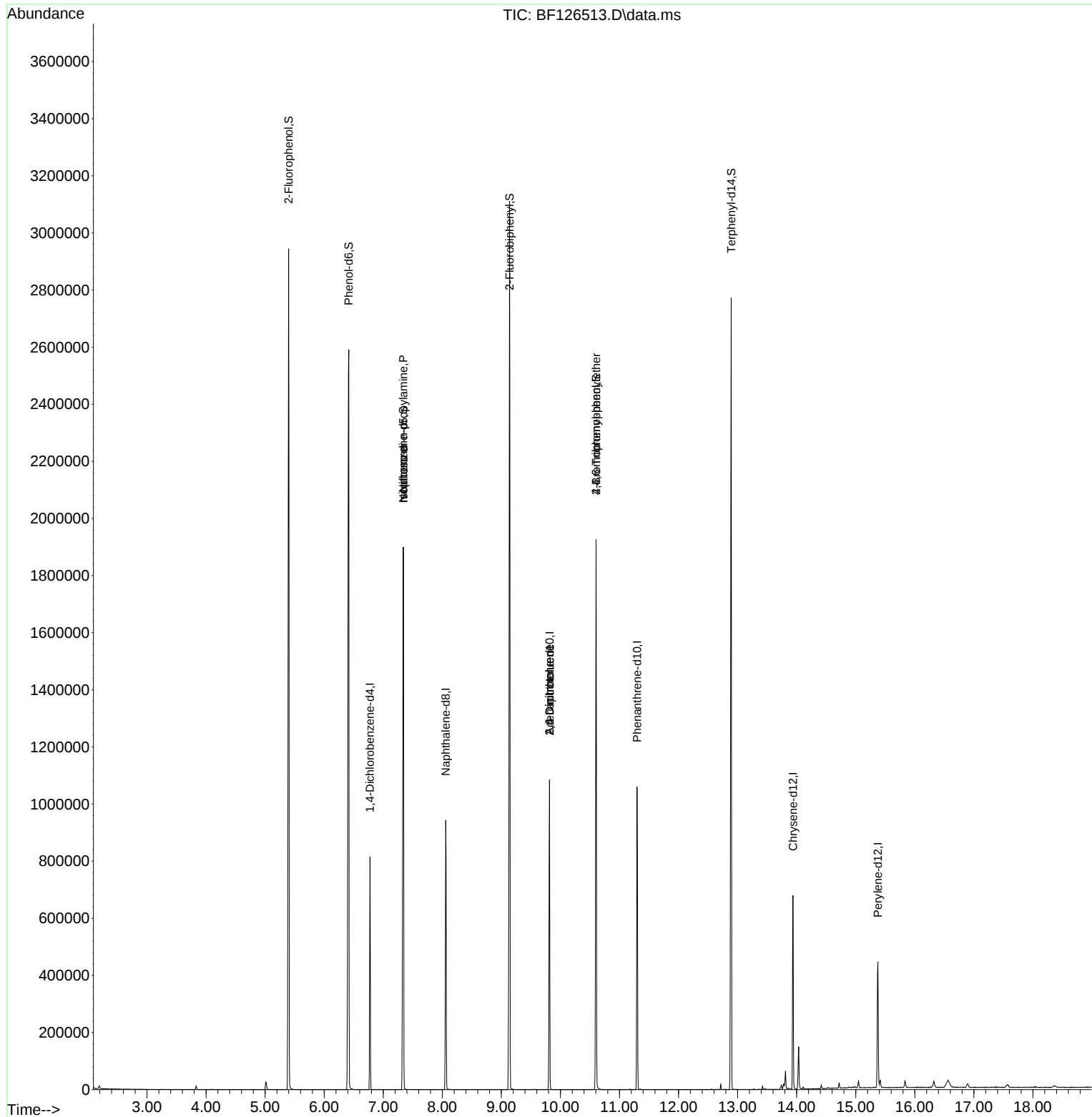
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	107959	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	461458	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	214994	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	352334	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	232843	20.000	ng	-0.01
86) Perylene-d12	15.374	264	187408	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	926903	123.296	ng	0.00
7) Phenol-d6	6.416	99	1161816	119.319	ng	0.00
23) Nitrobenzene-d5	7.339	82	753127	83.800	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	233878	140.775	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1037552	84.924	ng	-0.01
79) Terphenyl-d14	12.892	244	959286	80.047	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	94895	17.079	ng	# 82
25) Isophorone	7.339	82	752826	46.793	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	28093	9.692	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	28093	7.512	ng	# 15
67) 4-Bromophenyl-phenylether	10.604	248	12180	3.895	ng	# 1
77) Benzidine	12.892	184	11715	Below Cal		97

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

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Quant Time: Jan 07 08:31:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

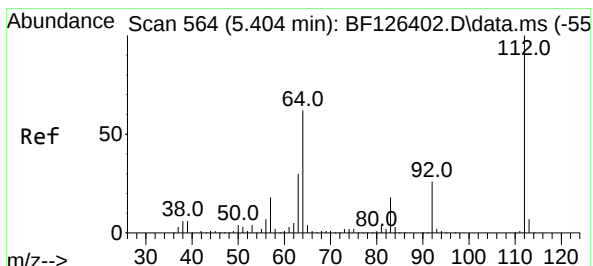
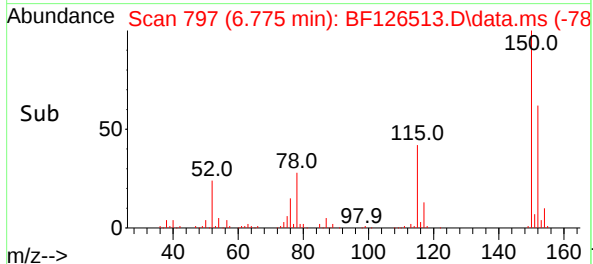
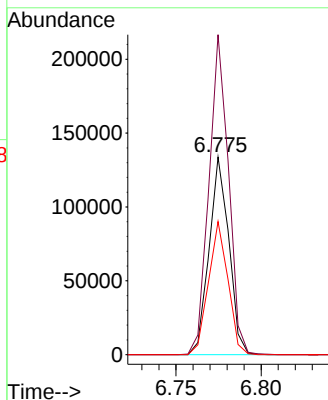
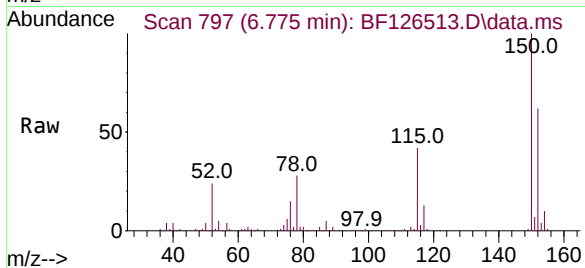




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

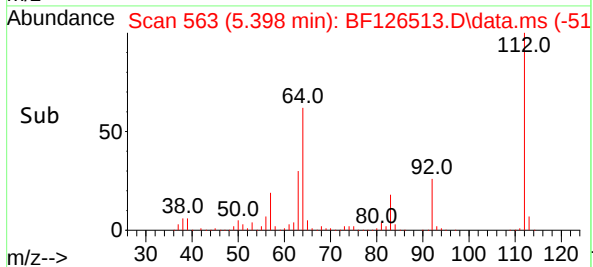
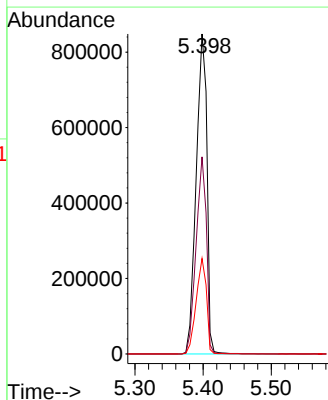
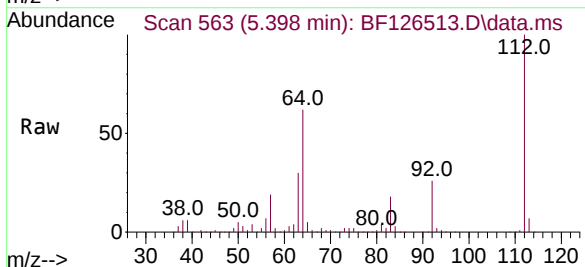
Instrument :
BNA_F
ClientSampleId :
PB141826BL

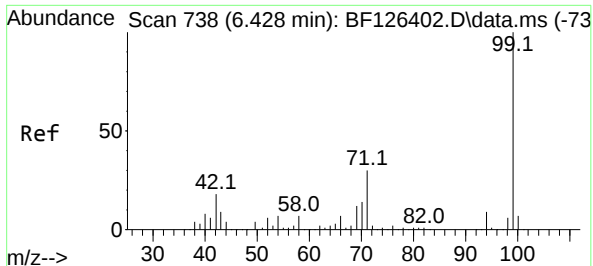
Tgt Ion:152 Resp: 107959
Ion Ratio Lower Upper
152 100
150 161.9 128.1 192.1
115 67.3 56.7 85.1



#5
2-Fluorophenol
Concen: 123.296 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

Tgt Ion:112 Resp: 926903
Ion Ratio Lower Upper
112 100
64 61.6 49.5 74.3
63 29.9 23.9 35.9

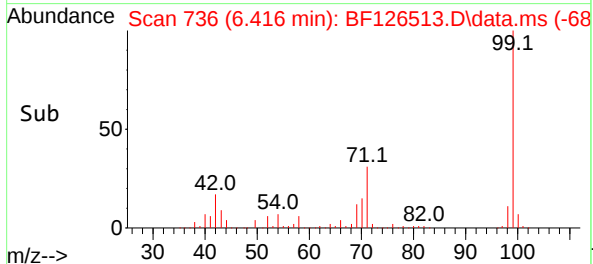
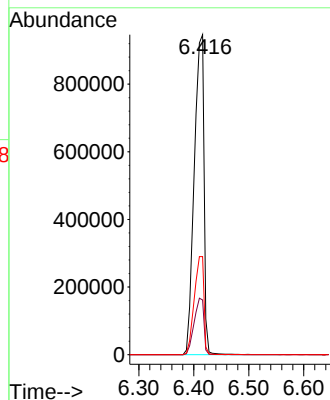
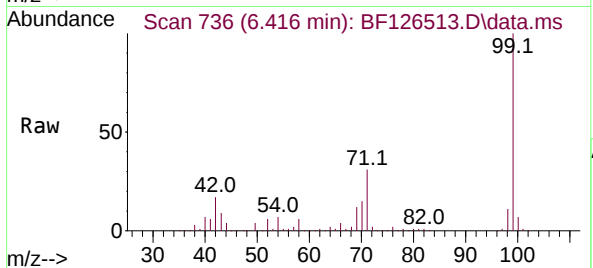




#7
Phenol-d6
Concen: 119.319 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

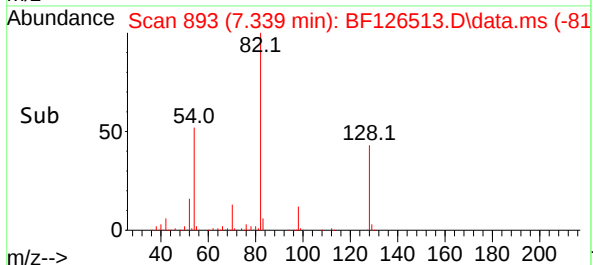
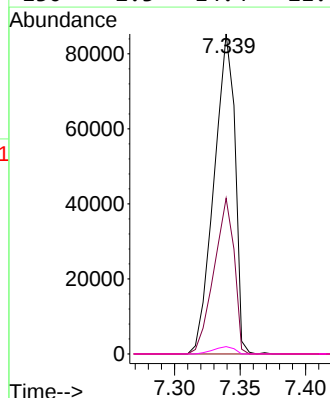
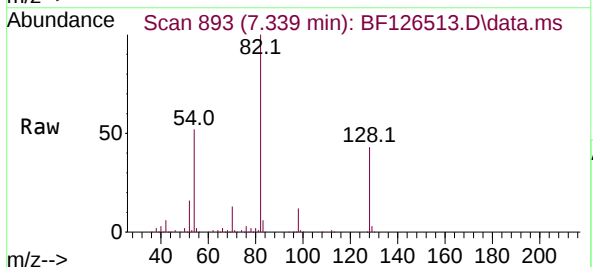
Instrument :
BNA_F
ClientSampleId :
PB141826BL

Tgt Ion: 99 Resp: 1161816
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 30.6 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.079 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

Tgt Ion: 70 Resp: 94895
Ion Ratio Lower Upper
70 100
42 48.7 45.8 68.8
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#

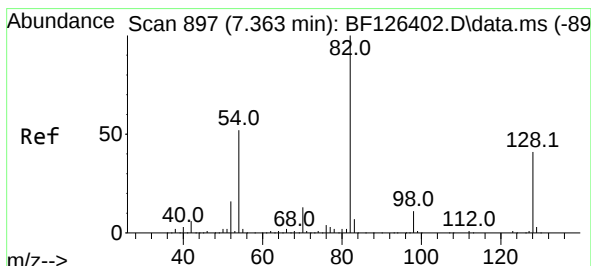
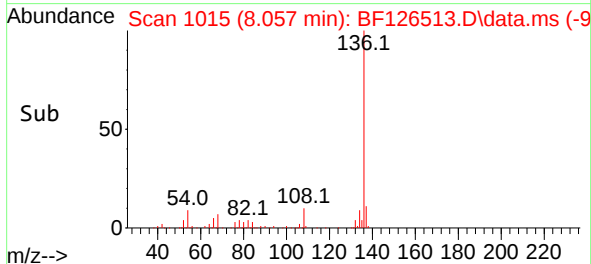
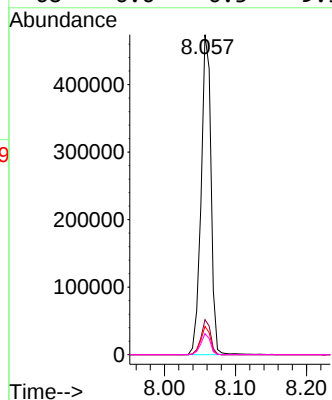
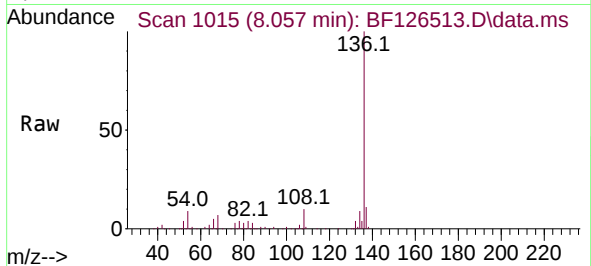




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

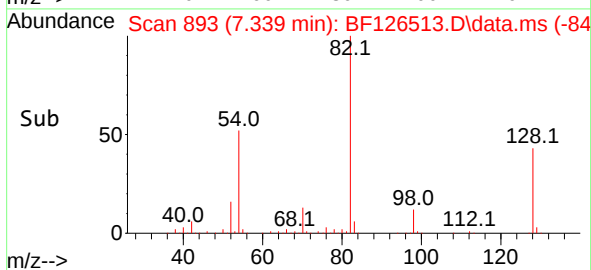
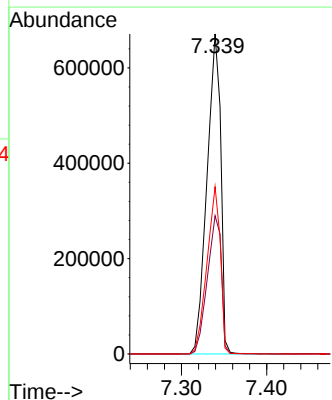
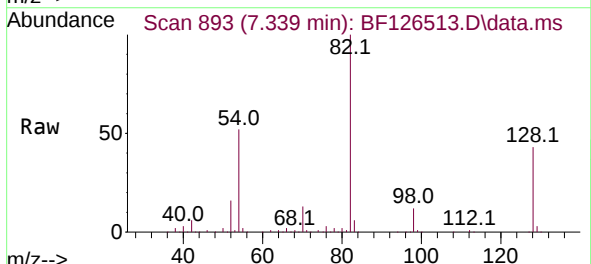
Instrument :
BNA_F
ClientSampleId :
PB141826BL

Tgt Ion:136	Resp: 461458
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 8.8	7.8 11.6
68 6.6	6.3 9.5



#23
Nitrobenzene-d5
Concen: 83.800 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

Tgt Ion: 82	Resp: 753127
Ion Ratio	Lower Upper
82 100	
128 43.2	32.7 49.1
54 52.3	41.7 62.5

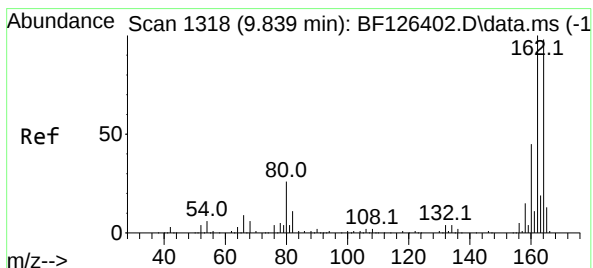
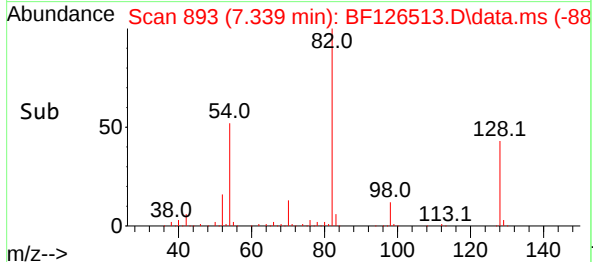
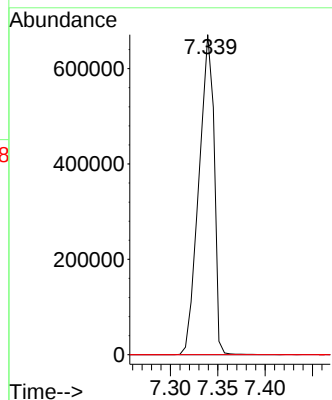
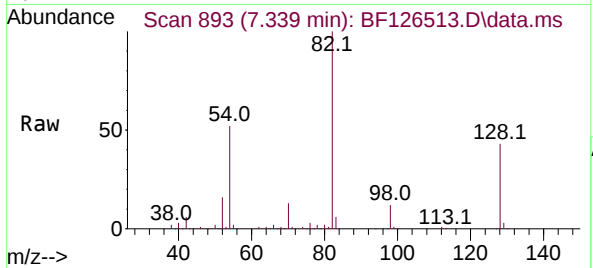




#25
Isophorone
Concen: 46.793 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

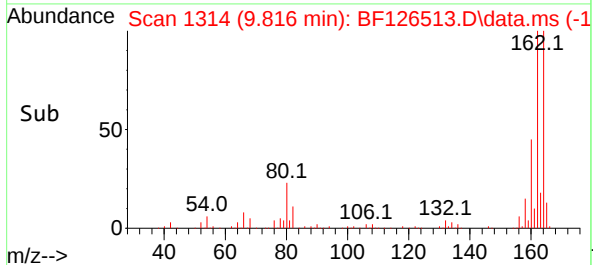
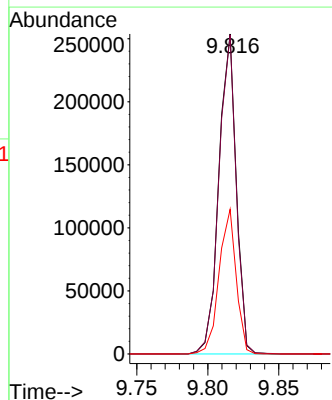
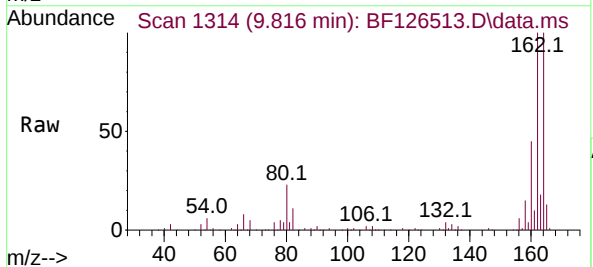
Instrument :
BNA_F
ClientSampleId :
PB141826BL

Tgt Ion: 82 Resp: 752826
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

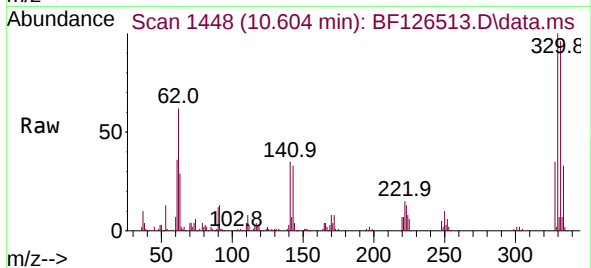
Tgt Ion: 164 Resp: 214994
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 45.2 36.6 54.8



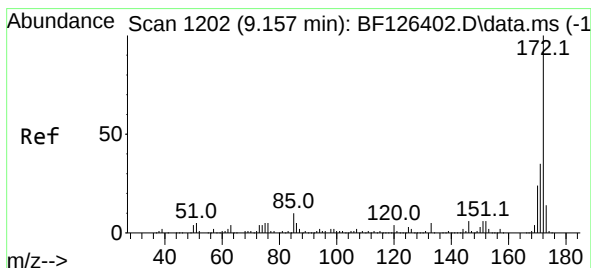
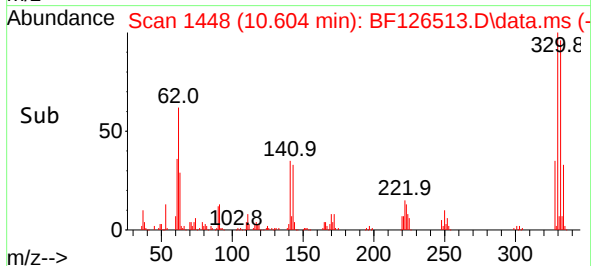
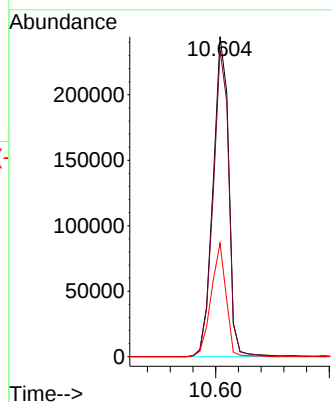


#42
2,4,6-Tribromophenol
Concen: 140.775 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

Instrument :
BNA_F
ClientSampleId :
PB141826BL

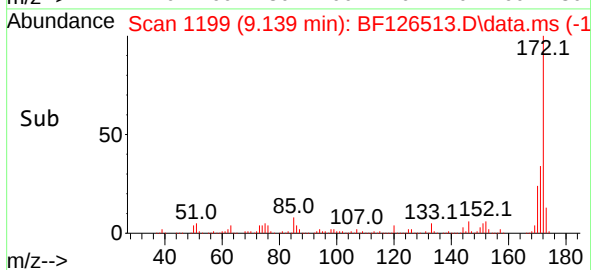
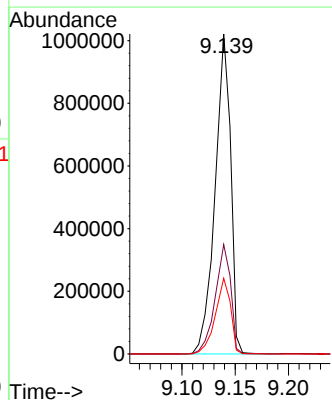
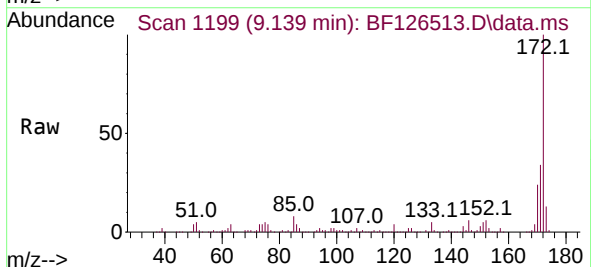


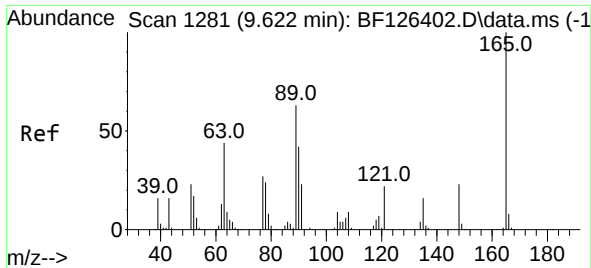
Tgt Ion:330 Resp: 233878
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 33.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 84.924 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

Tgt Ion:172 Resp: 1037552
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.7 19.0 28.6

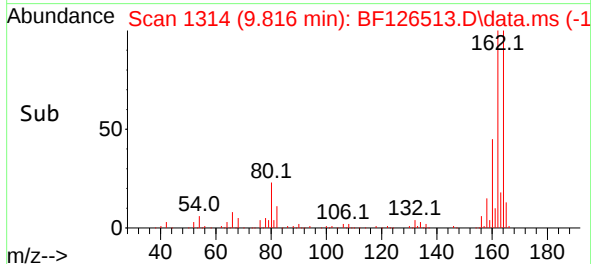
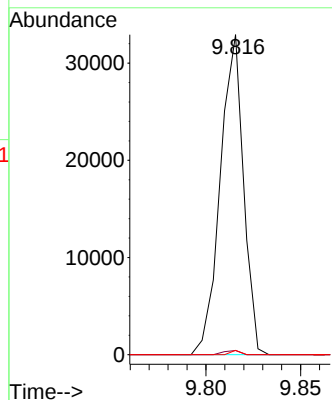
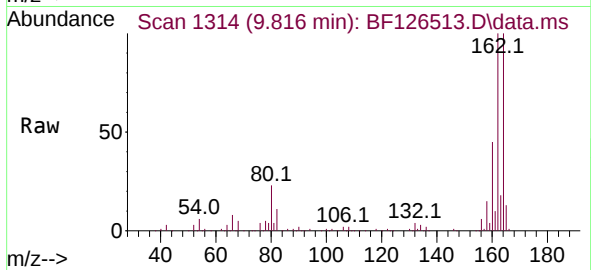




#51
2,6-Dinitrotoluene
Concen: 9.692 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

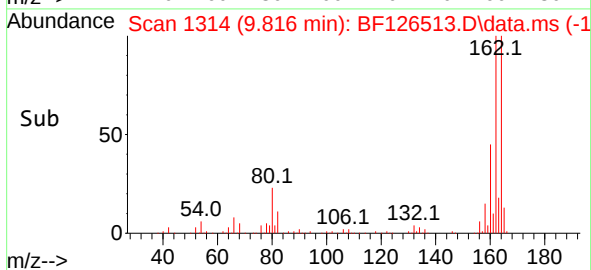
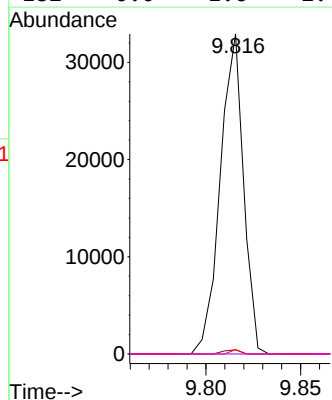
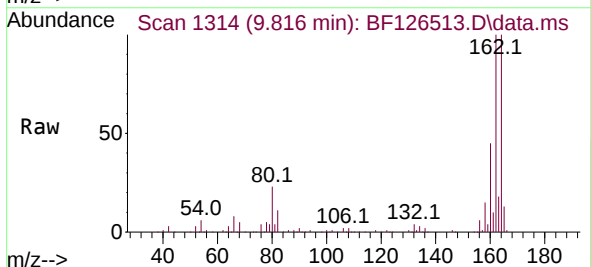
Instrument :
BNA_F
ClientSampleId :
PB141826BL

Tgt Ion:165 Resp: 28093
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.512 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

Tgt Ion:165 Resp: 28093
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#

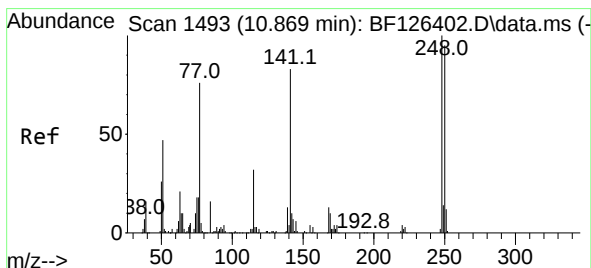
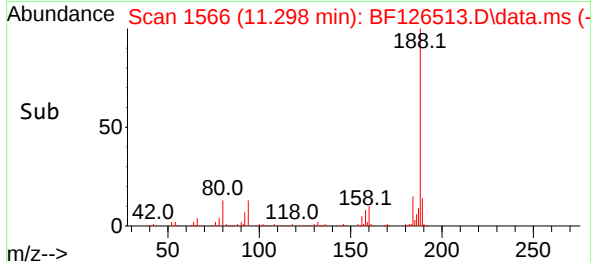
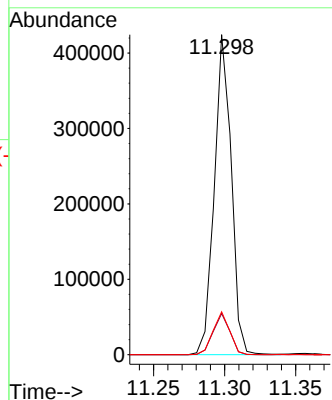
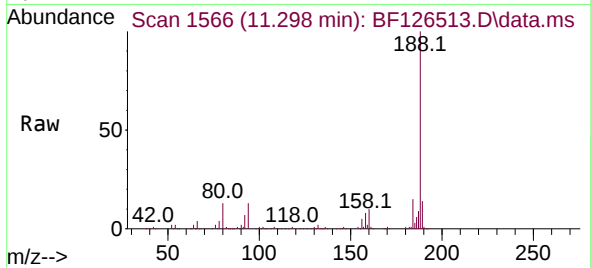




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

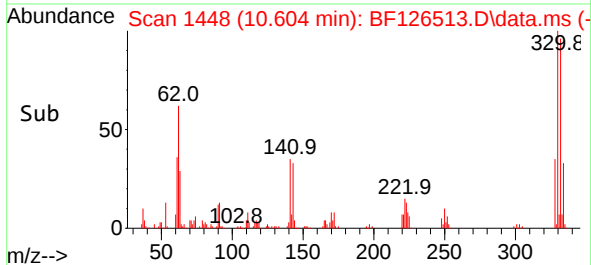
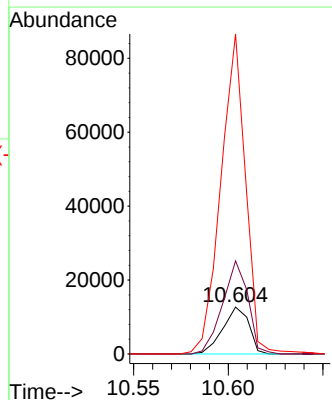
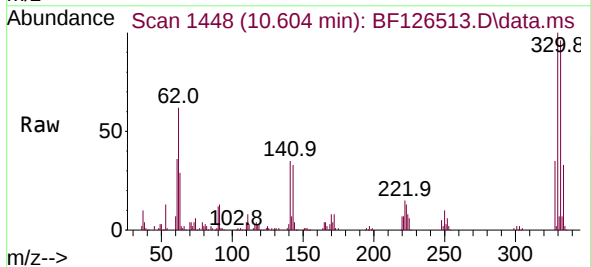
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BNA_F
ClientSampleId :
PB141826BL

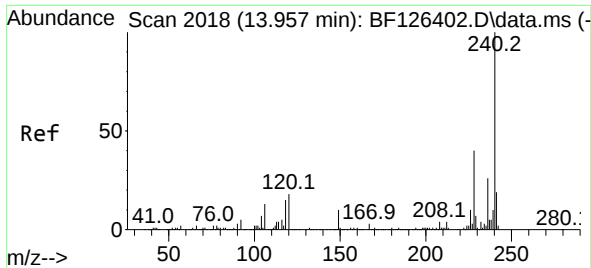
Tgt Ion:188 Resp: 352334
Ion Ratio Lower Upper
188 100
94 12.9 10.1 15.1
80 13.4 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.895 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

Tgt Ion:248 Resp: 12180
Ion Ratio Lower Upper
248 100
250 198.3 76.2 114.4#
141 681.5 66.2 99.4#

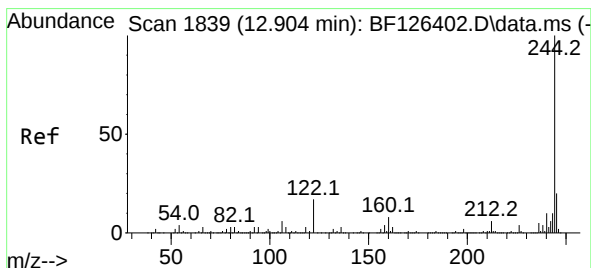
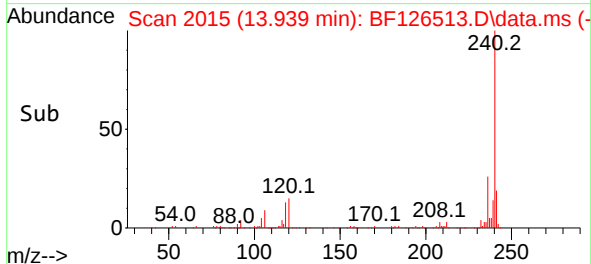
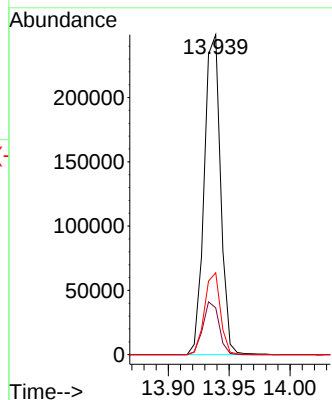
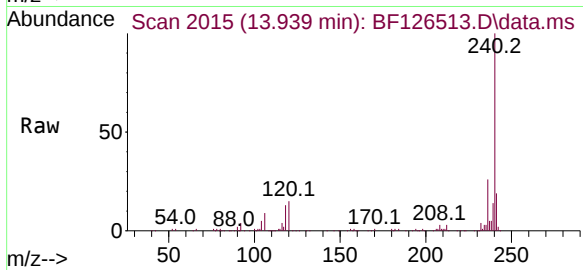




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

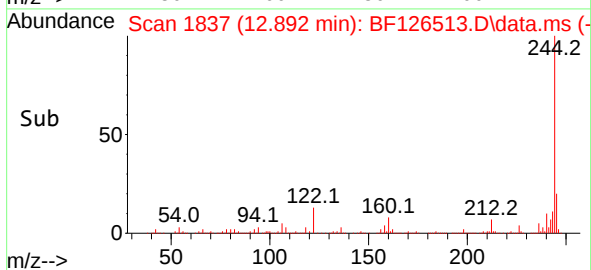
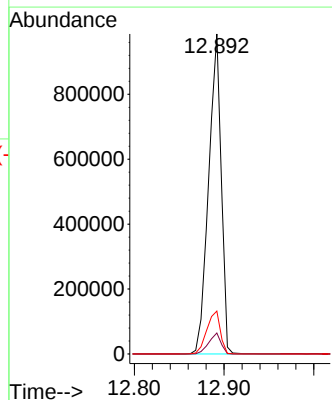
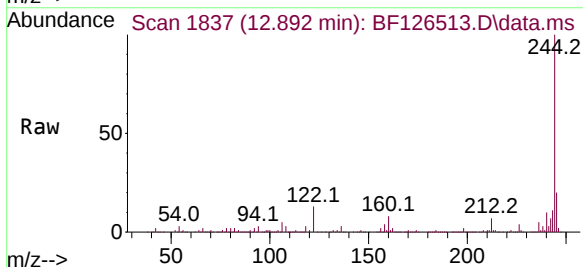
Instrument :
BNA_F
ClientSampleId :
PB141826BL

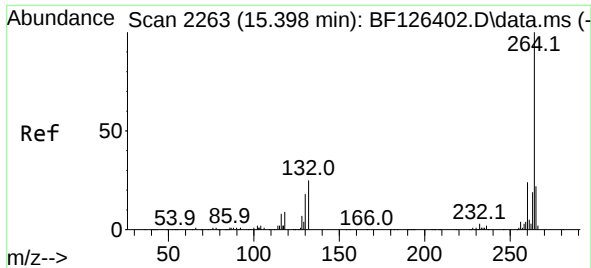
Tgt Ion:240 Resp: 232843
Ion Ratio Lower Upper
240 100
120 14.6 14.4 21.6
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 80.047 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126513.D
Acq: 6 Jan 2022 11:21

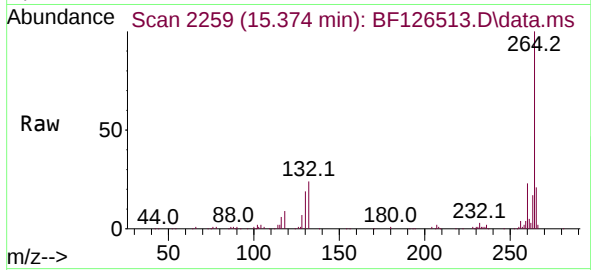
Tgt Ion:244 Resp: 959286
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 13.4 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126513.D
 Acq: 6 Jan 2022 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB141826BL



Tgt Ion:264 Resp: 187408
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.7 17.4 26.2

