

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126516.D
 Acq On : 6 Jan 2022 12:56
 Operator : JU/CG
 Sample : PB141765BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141764BL

Quant Time: Jan 07 08:31:51 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)

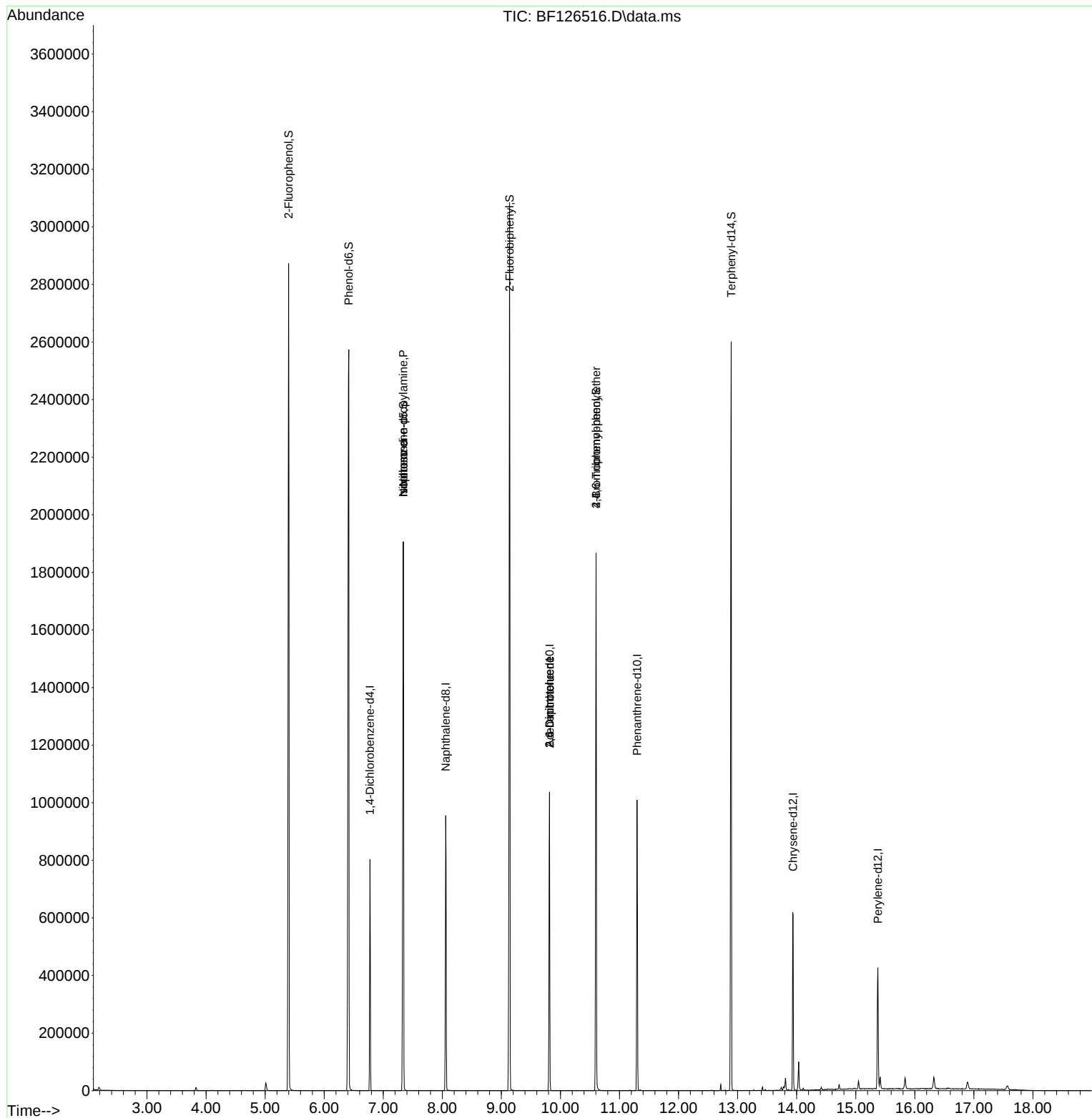
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	108035	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	459717	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	207923	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	332220	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	217504	20.000	ng	#-0.01
86) Perylene-d12	15.374	264	174384	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	919423	122.215	ng	0.00
7) Phenol-d6	6.416	99	1144897	117.499	ng	0.00
23) Nitrobenzene-d5	7.339	82	742859	82.971	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	222837	138.691	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1016539	86.033	ng	-0.01
79) Terphenyl-d14	12.892	244	907719	81.085	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	92480	16.632	ng	# 81
25) Isophorone	7.339	82	740140	46.179	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	26725	9.534	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	26725	7.389	ng	# 15
67) 4-Bromophenyl-phenylether	10.604	248	11611	3.938	ng	# 1
77) Benzidine	12.892	184	11178	Below Cal	#	97

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

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Quant Time: Jan 07 08:31:51 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

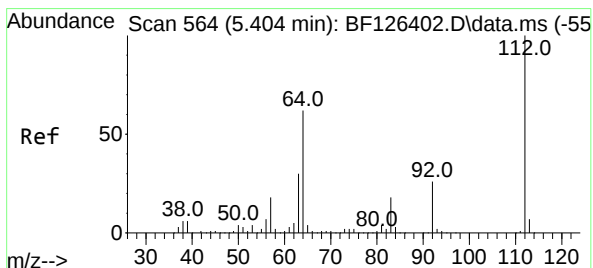
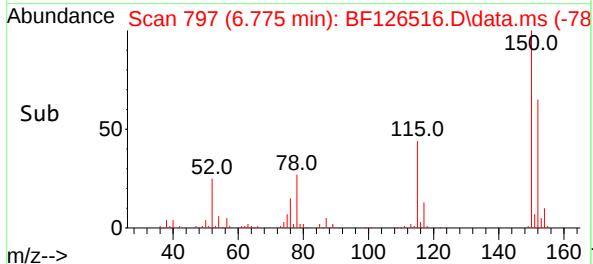
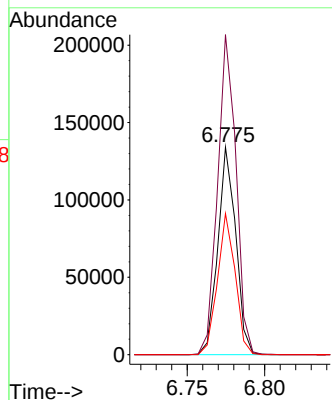
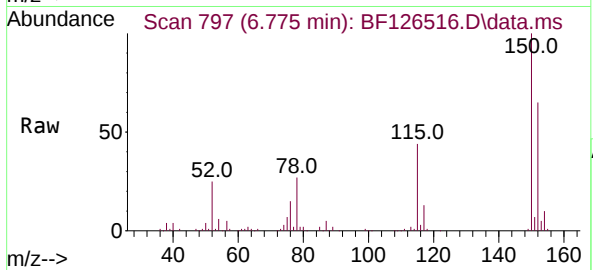




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

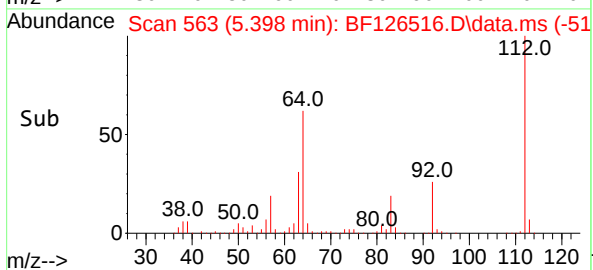
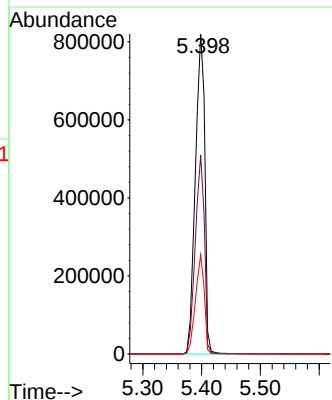
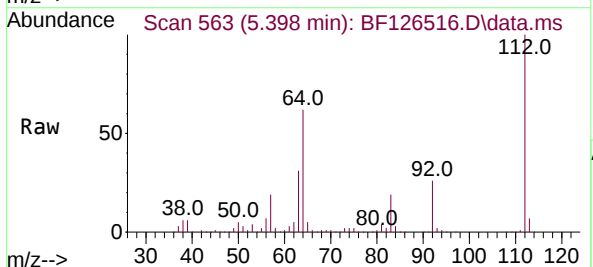
Instrument :
BNA_F
ClientSampleId :
PB141764BL

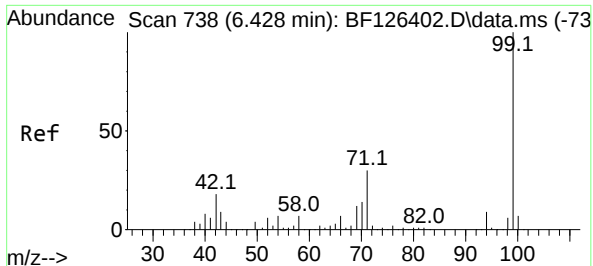
Tgt Ion:152 Resp: 108035
Ion Ratio Lower Upper
152 100
150 154.2 128.1 192.1
115 68.0 56.7 85.1



#5
2-Fluorophenol
Concen: 122.215 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

Tgt Ion:112 Resp: 919423
Ion Ratio Lower Upper
112 100
64 62.1 49.5 74.3
63 31.0 23.9 35.9

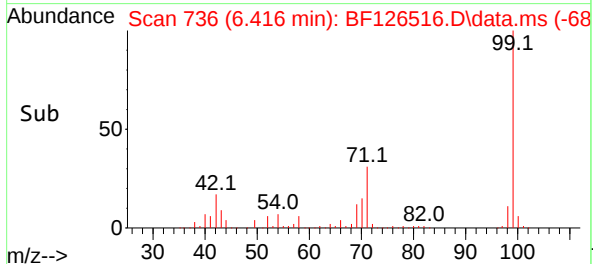
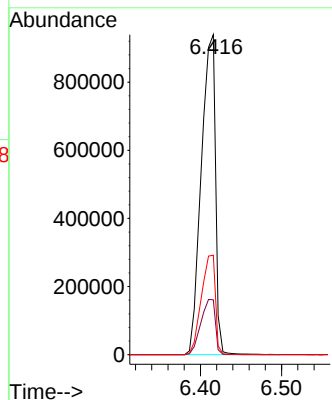
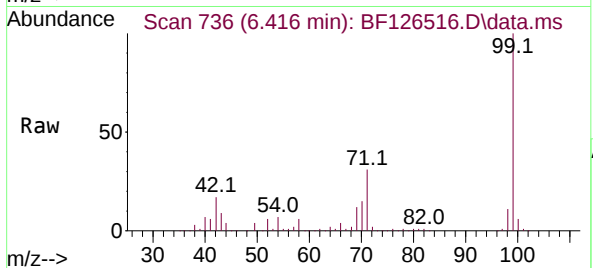




#7
Phenol-d6
Concen: 117.499 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

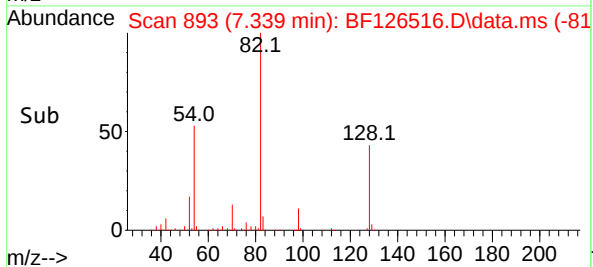
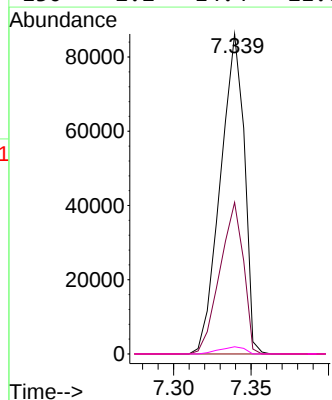
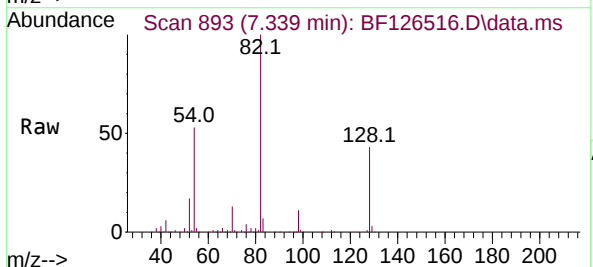
Instrument :
BNA_F
ClientSampleId :
PB141764BL

Tgt Ion: 99 Resp: 1144897
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 31.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.632 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

Tgt Ion: 70 Resp: 92480
Ion Ratio Lower Upper
70 100
42 47.3 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#



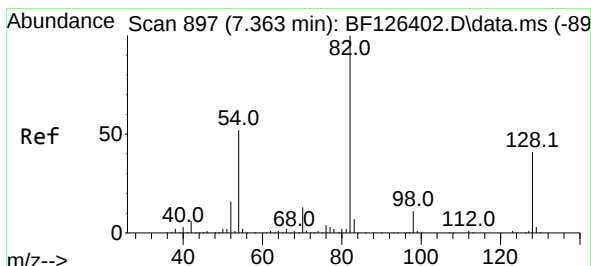
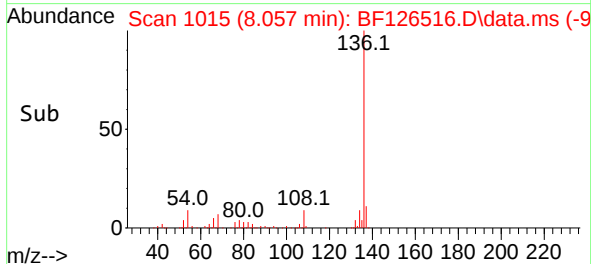
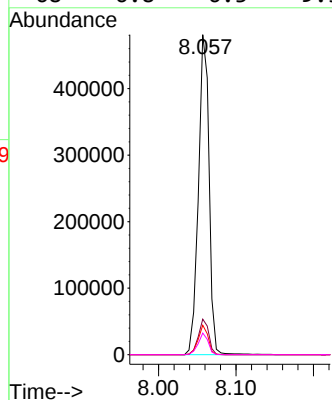
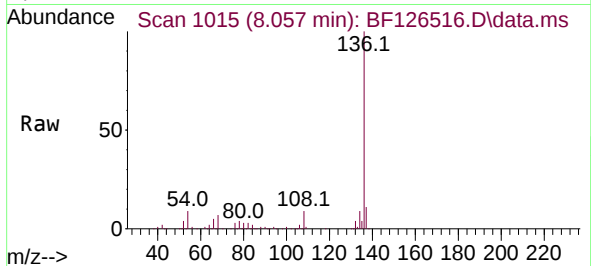


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB141764BL

Tgt Ion:136 Resp: 459717

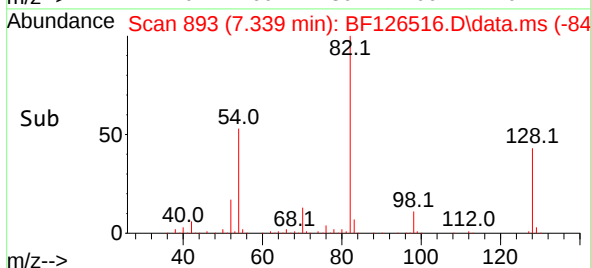
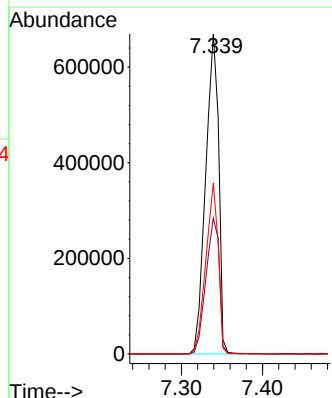
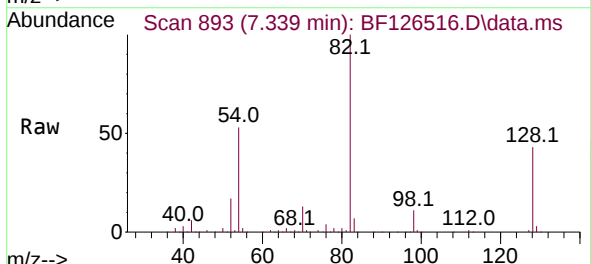
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.2	7.8	11.6
68	6.8	6.3	9.5



#23
Nitrobenzene-d5
Concen: 82.971 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

Tgt Ion: 82 Resp: 742859

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.7	49.1
54	53.4	41.7	62.5

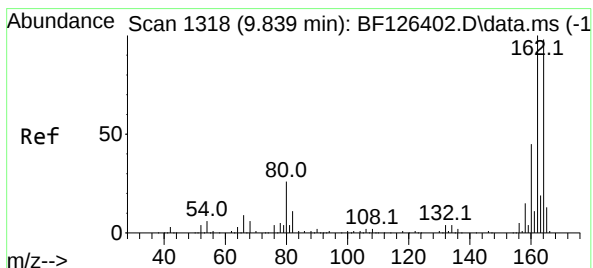
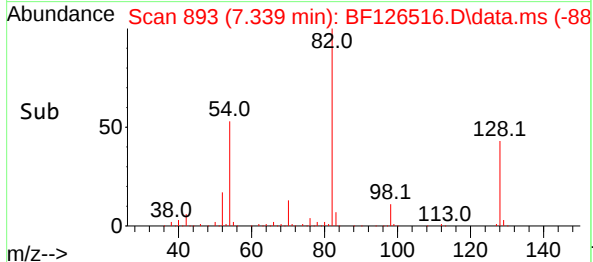
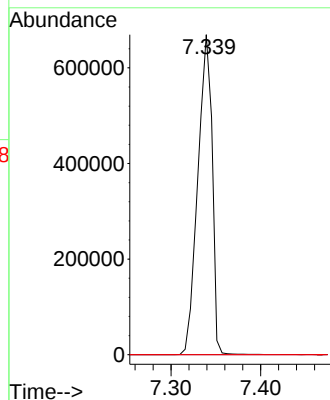
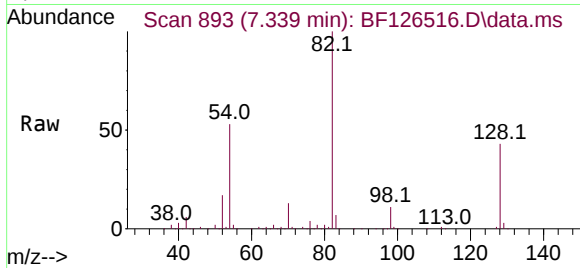




#25
Isophorone
Concen: 46.179 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

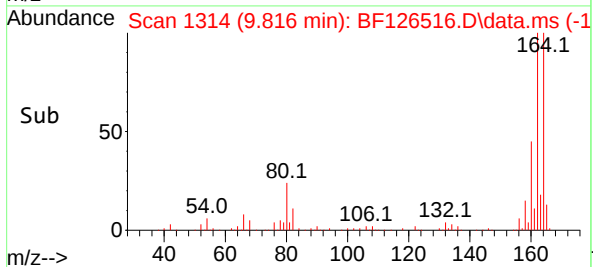
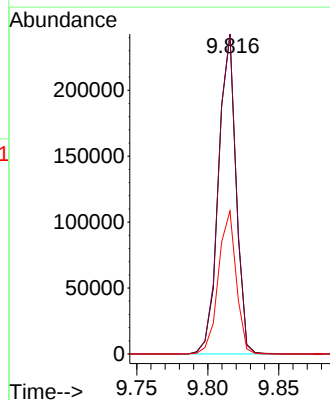
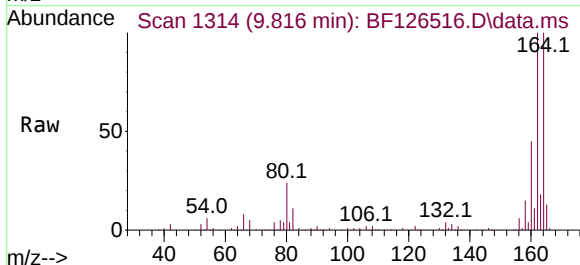
Instrument :
BNA_F
ClientSampleId :
PB141764BL

Tgt Ion: 82 Resp: 740140
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: BF126516.D
Acq: 6 Jan 2022 12:56

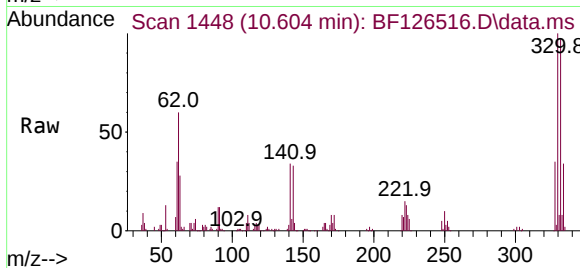
Tgt Ion: 164 Resp: 207923
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 44.8 36.6 54.8



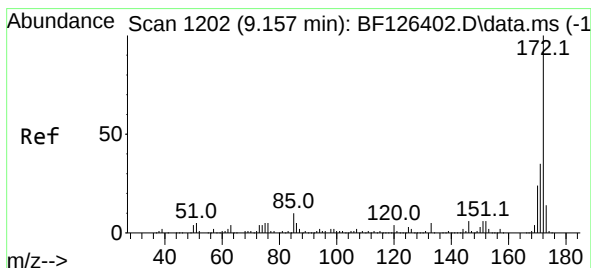
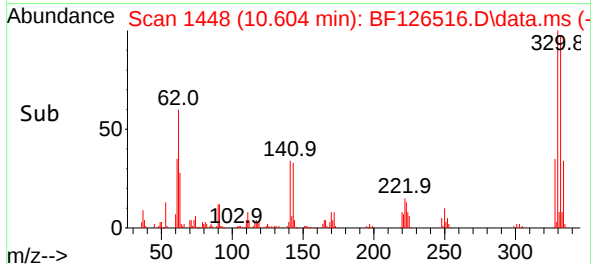
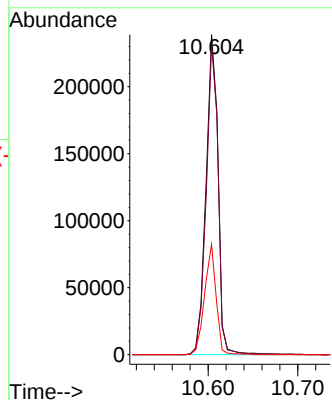


#42
2,4,6-Tribromophenol
Concen: 138.691 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

Instrument :
BNA_F
ClientSampleId :
PB141764BL

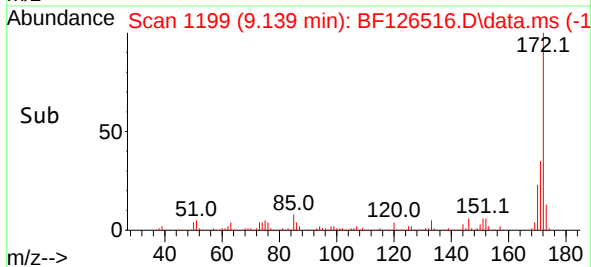
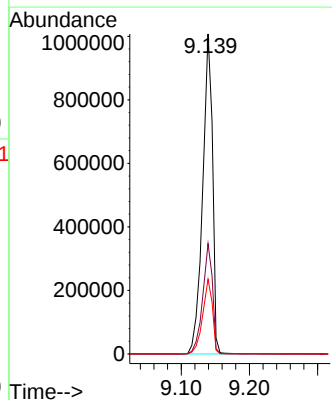
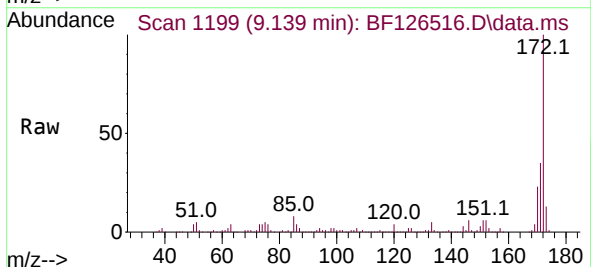


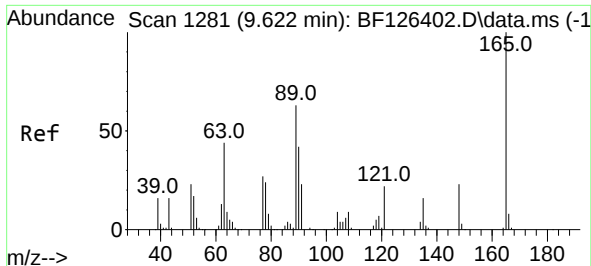
Tgt Ion:330 Resp: 222837
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 33.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 86.033 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

Tgt Ion:172 Resp: 1016539
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.4 19.0 28.6

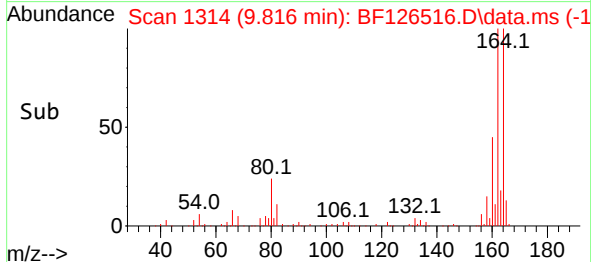
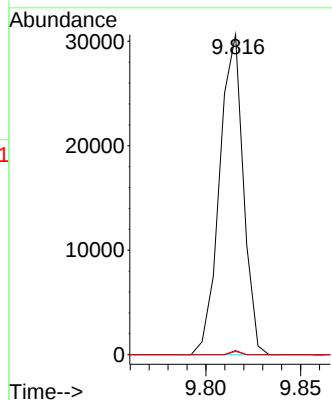
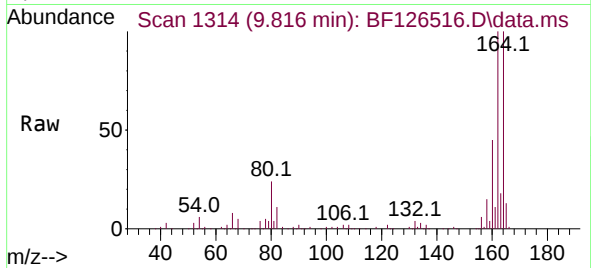




#51
2,6-Dinitrotoluene
Concen: 9.534 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

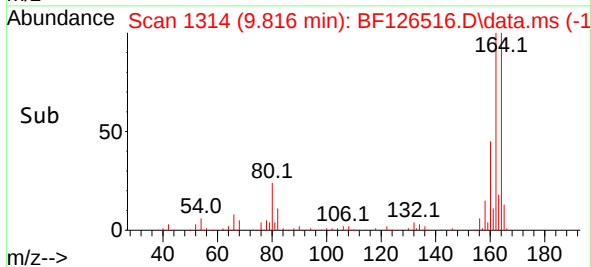
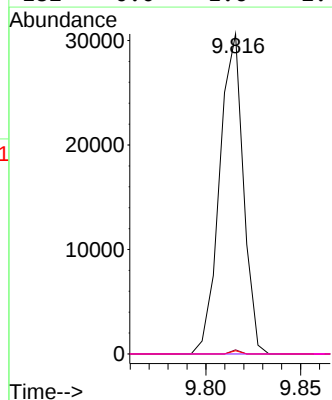
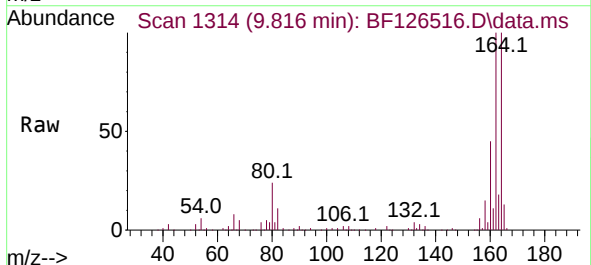
Instrument :
BNA_F
ClientSampleId :
PB141764BL

Tgt Ion:165 Resp: 26725
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.389 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

Tgt Ion:165 Resp: 26725
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#

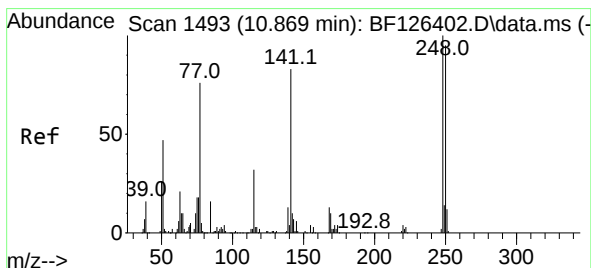
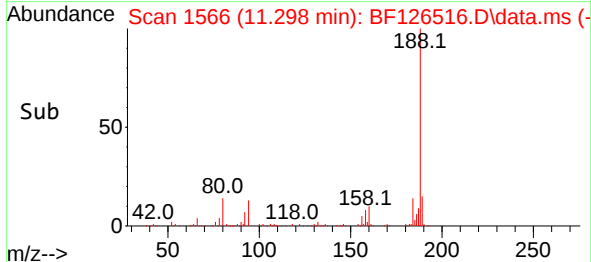
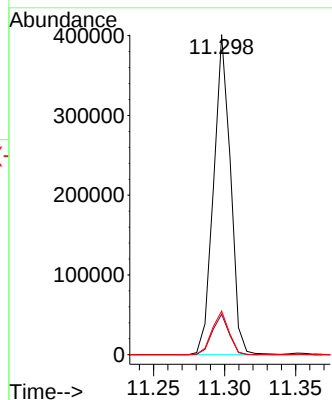
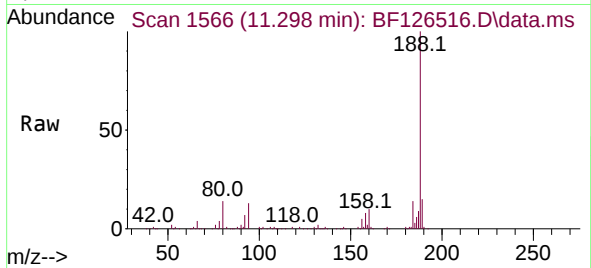




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

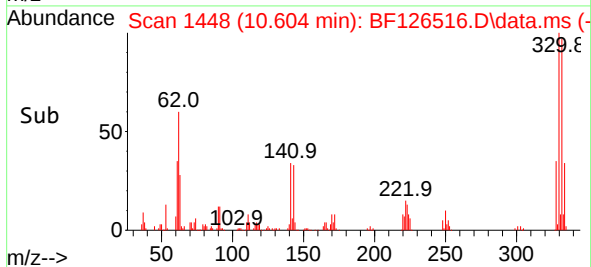
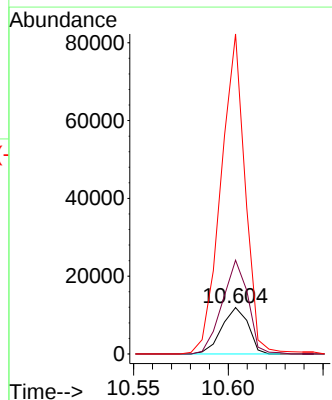
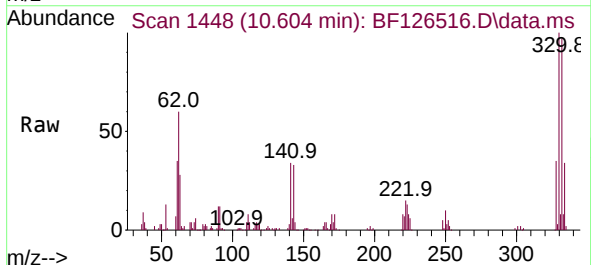
Instrument :
BNA_F
ClientSampleId :
PB141764BL

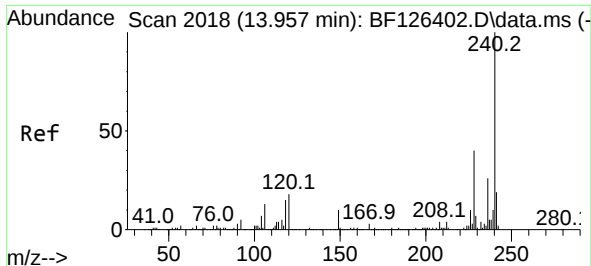
Tgt Ion:188 Resp: 332220
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 13.7 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.938 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

Tgt Ion:248 Resp: 11611
Ion Ratio Lower Upper
248 100
250 202.0 76.2 114.4#
141 689.4 66.2 99.4#

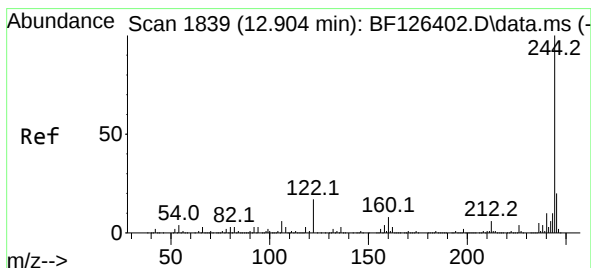
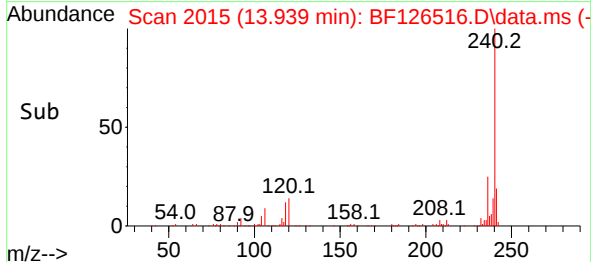
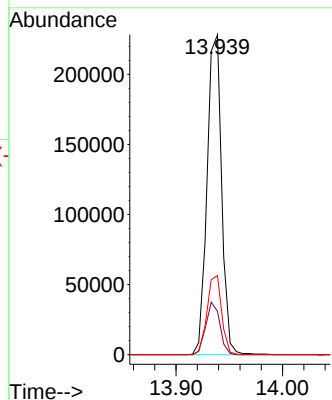
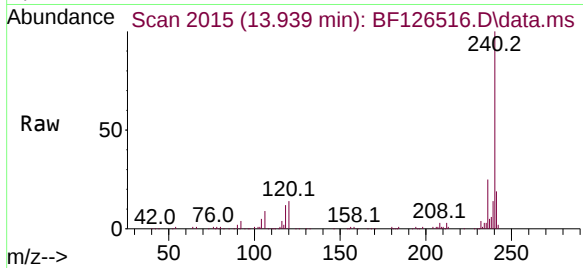




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

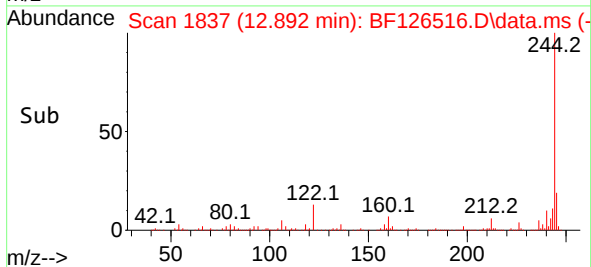
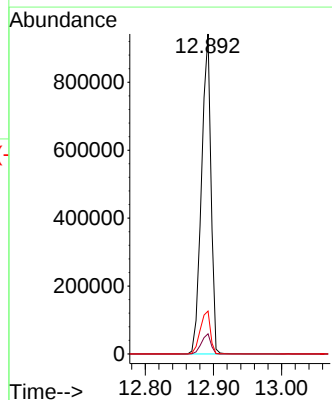
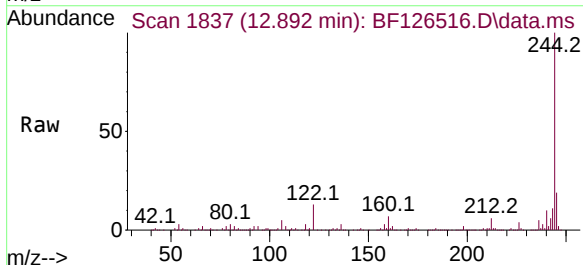
Instrument :
BNA_F
ClientSampleId :
PB141764BL

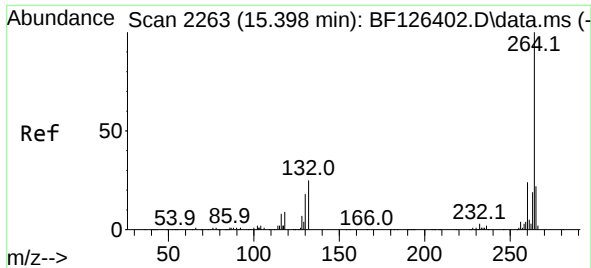
Tgt Ion:240 Resp: 217504
Ion Ratio Lower Upper
240 100
120 13.6 14.4 21.6#
236 24.7 20.5 30.7



#79
Terphenyl-d14
Concen: 81.085 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126516.D
Acq: 6 Jan 2022 12:56

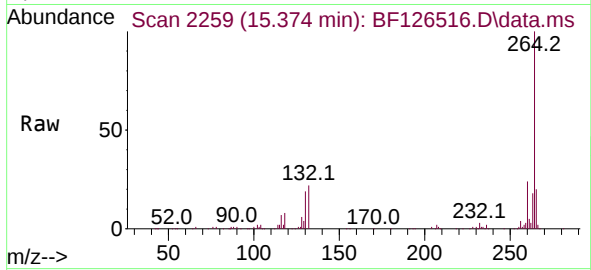
Tgt Ion:244 Resp: 907719
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 13.4 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126516.D
 Acq: 6 Jan 2022 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB141764BL



Tgt Ion:264 Resp: 174384
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.5 17.4 26.2

