

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126491.D
 Acq On : 5 Jan 2022 12:14
 Operator : JU/CG
 Sample : PB141720TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141720TB

Quant Time: Jan 06 01:08:01 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)

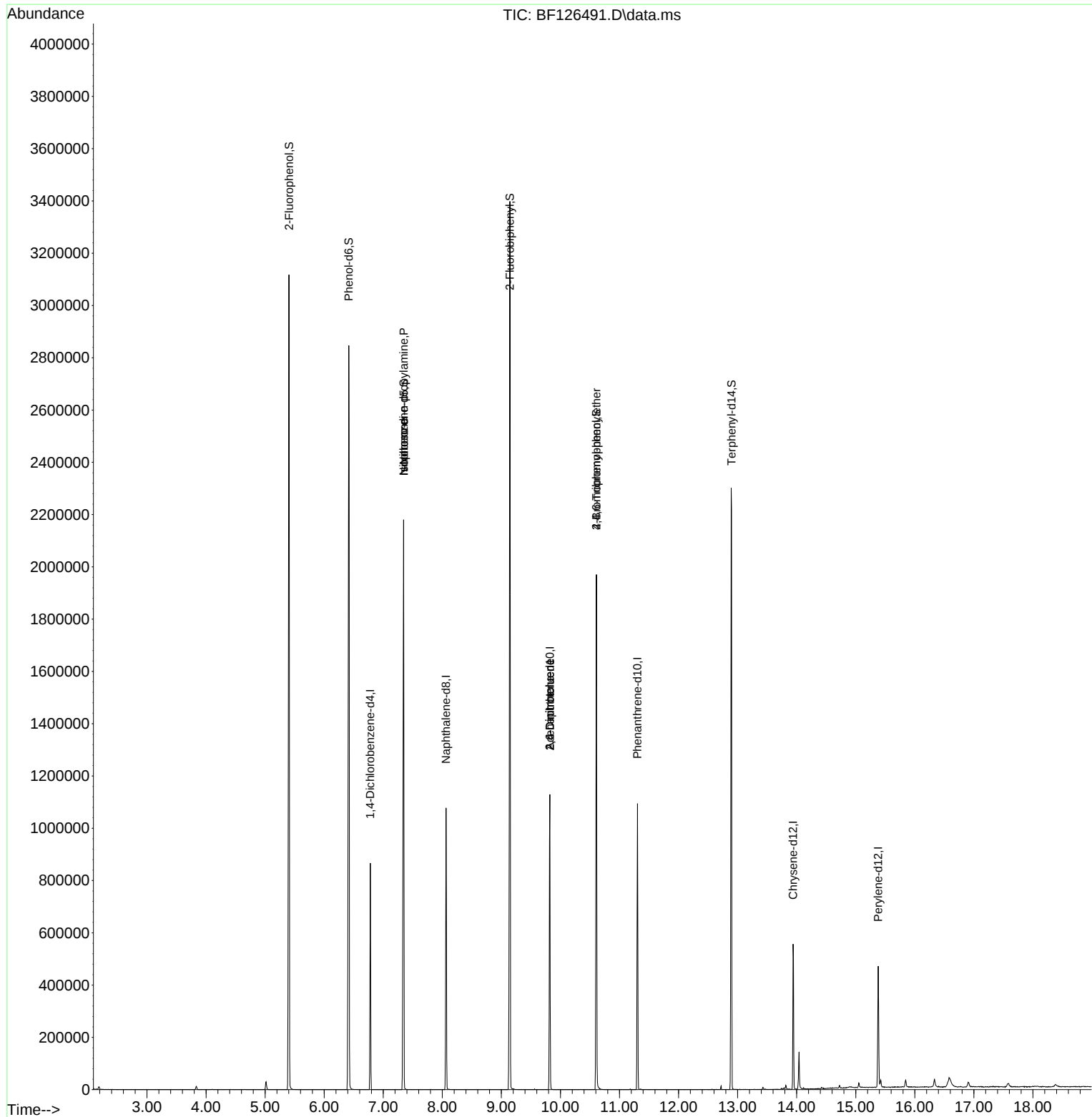
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	114435	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	492210	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	229558	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	347961	20.000	ng	0.00
76) Chrysene-d12	13.939	240	190053	20.000	ng	-0.01
86) Perylene-d12	15.380	264	182888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	979162	122.876	ng	0.01
7) Phenol-d6	6.416	99	1242577	120.392	ng	0.00
23) Nitrobenzene-d5	7.345	82	794495	82.880	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	236501	133.323	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1094013	83.864	ng	0.00
79) Terphenyl-d14	12.898	244	835281	85.392	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	98798	16.775	ng	# 79
25) Isophorone	7.345	82	794312	46.287	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	28743	9.287	ng	# 20
57) 2,4-Dinitrotoluene	9.822	165	28743	7.198	ng	# 14
67) 4-Bromophenyl-phenylether	10.610	248	12367	4.004	ng	# 1
77) Benzidine	12.645	184	499	Below Cal		# 68

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

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Quant Time: Jan 06 01:08:01 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

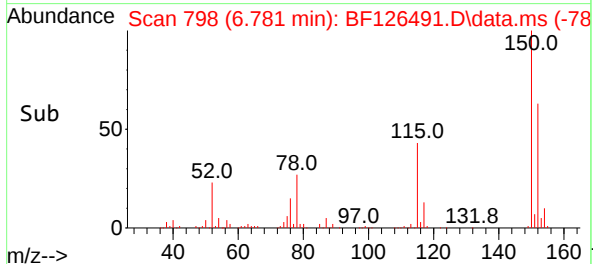
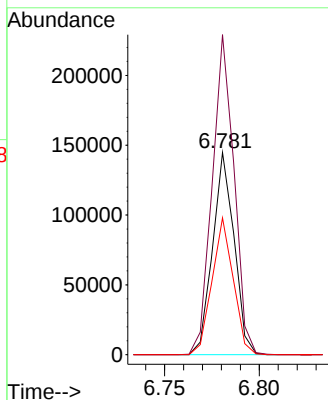
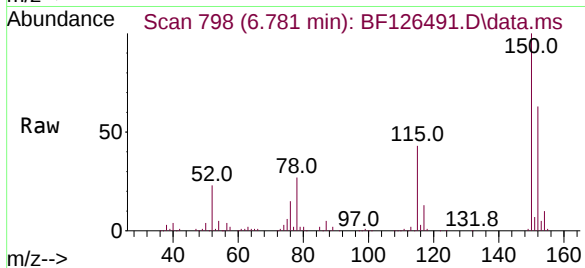




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF126491.D
 Acq: 5 Jan 2022 12:14

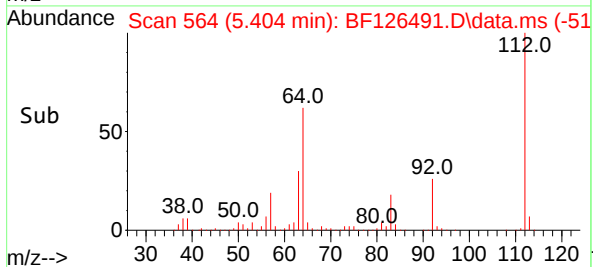
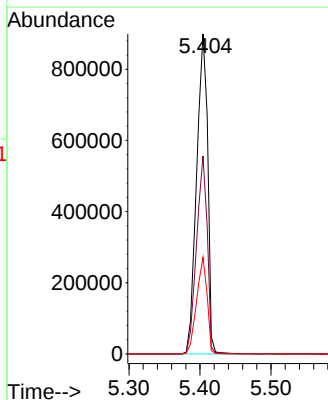
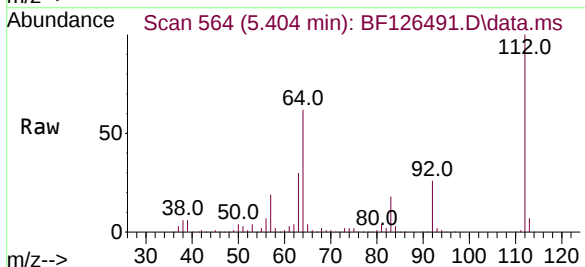
Instrument :
 BNA_F
 ClientSampleId :
 PB141720TB

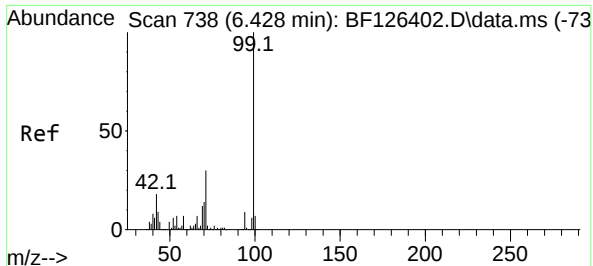
Tgt Ion:152 Resp: 114435
 Ion Ratio Lower Upper
 152 100
 150 158.2 128.1 192.1
 115 67.6 56.7 85.1



#5
 2-Fluorophenol
 Concen: 122.876 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF126491.D
 Acq: 5 Jan 2022 12:14

Tgt Ion:112 Resp: 979162
 Ion Ratio Lower Upper
 112 100
 64 61.8 49.5 74.3
 63 30.2 23.9 35.9

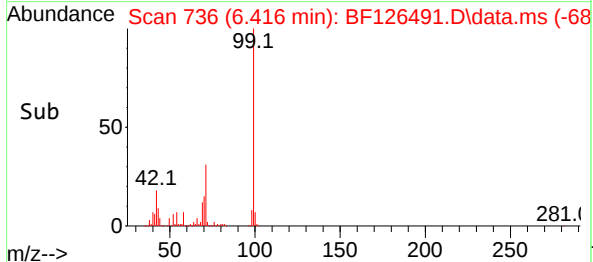
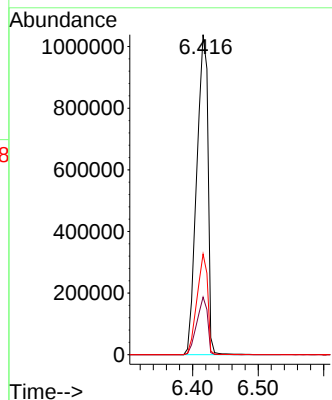
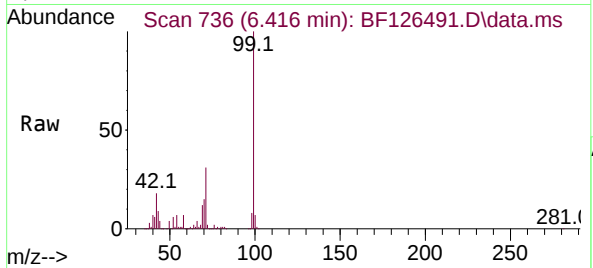




#7
Phenol-d6
Concen: 120.392 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

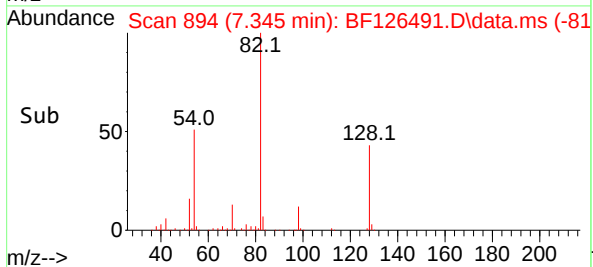
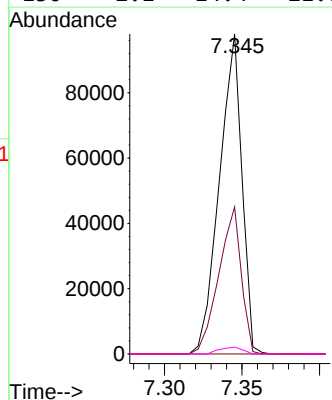
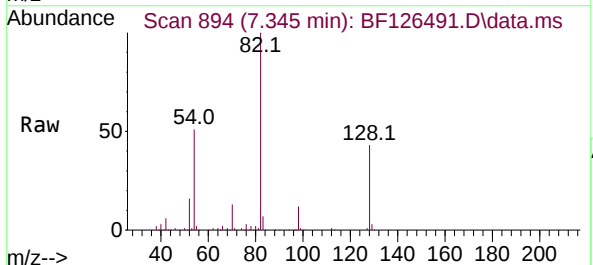
Instrument :
BNA_F
ClientSampleId :
PB141720TB

Tgt Ion: 99 Resp: 1242577
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 31.5 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.775 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

Tgt Ion: 70 Resp: 98798
Ion Ratio Lower Upper
70 100
42 45.9 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#



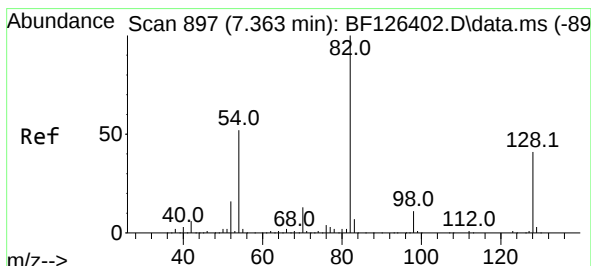
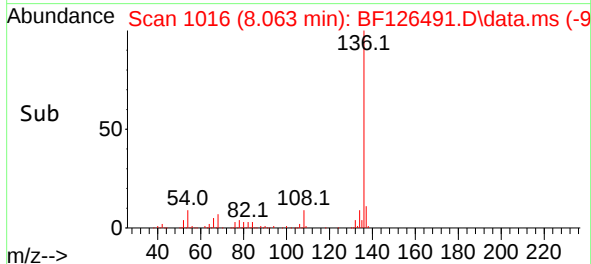
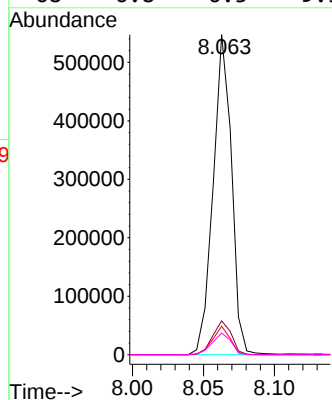
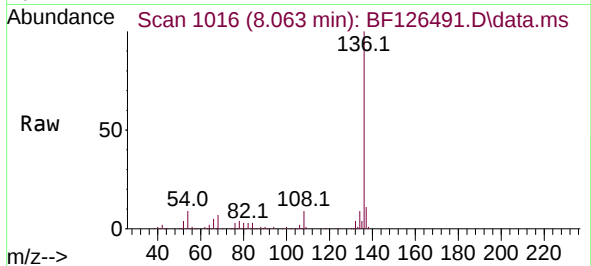


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

Instrument :
BNA_F
ClientSampleId :
PB141720TB

Tgt Ion:136 Resp: 492210

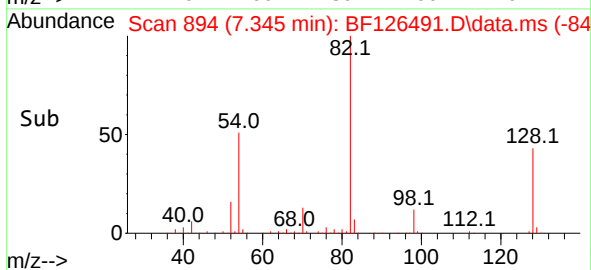
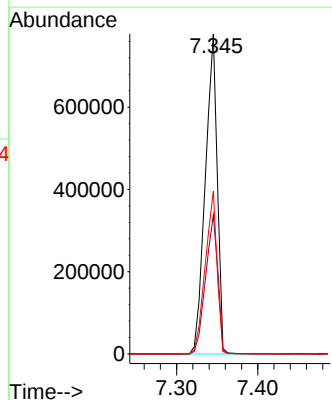
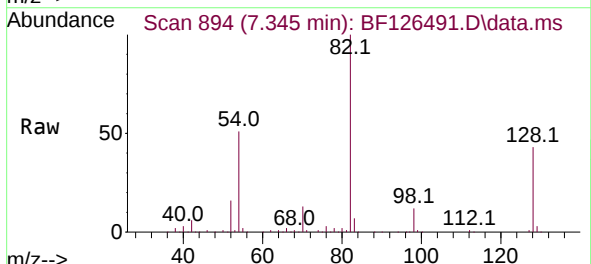
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.9	7.8	11.6
68	6.8	6.3	9.5



#23
Nitrobenzene-d5
Concen: 82.880 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

Tgt Ion: 82 Resp: 794495

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.7	49.1
54	50.8	41.7	62.5

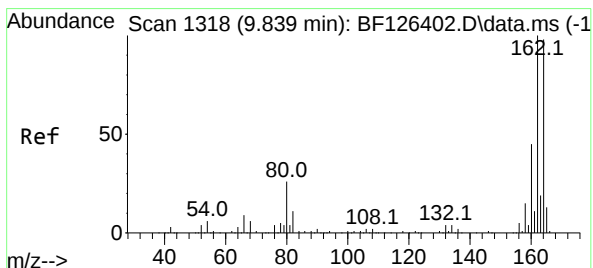
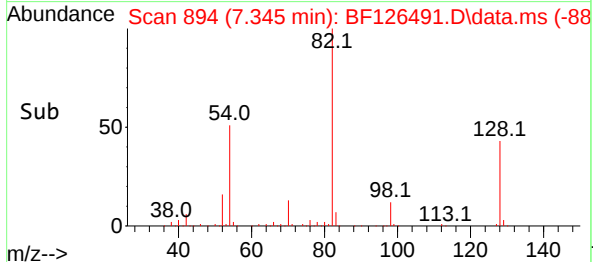
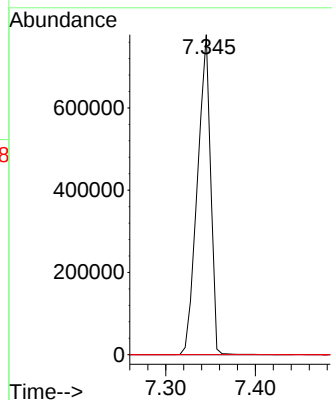
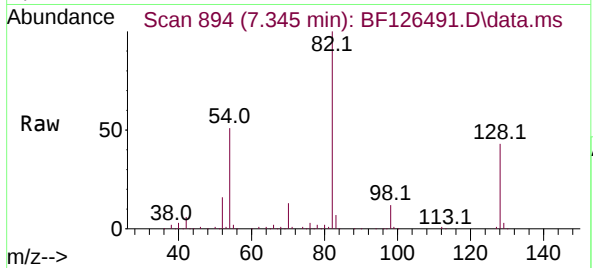




#25
Isophorone
Concen: 46.287 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

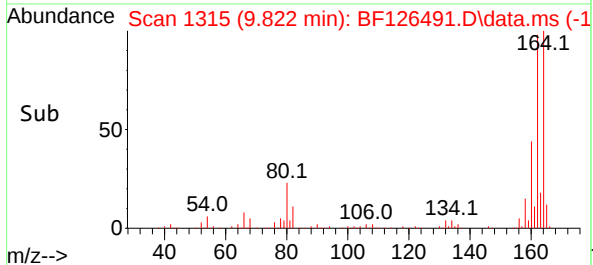
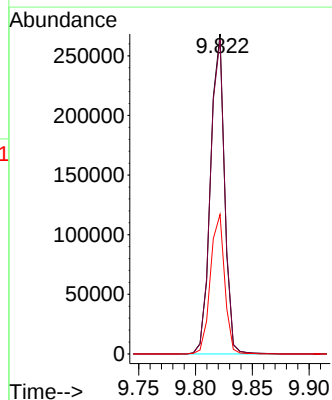
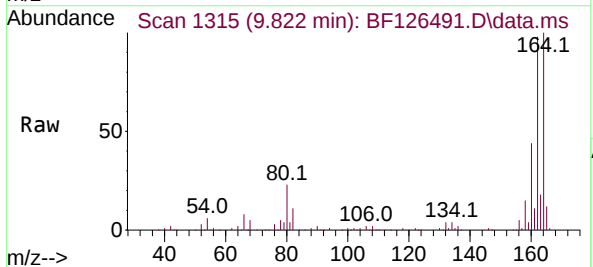
Instrument :
BNA_F
ClientSampleId :
PB141720TB

Tgt Ion: 82 Resp: 794312
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: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

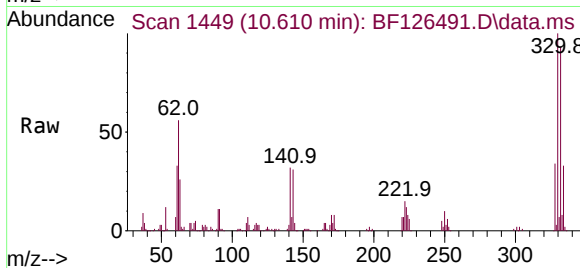
Tgt Ion:164 Resp: 229558
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 43.6 36.6 54.8



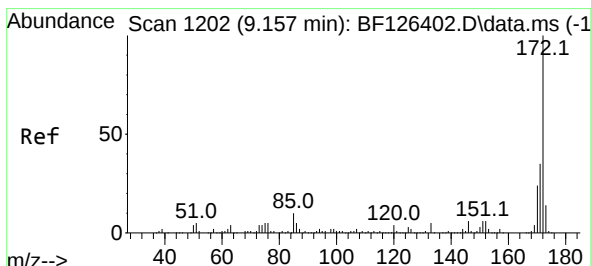
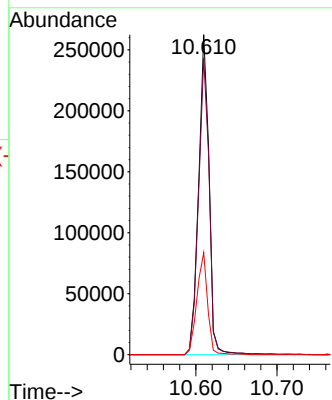
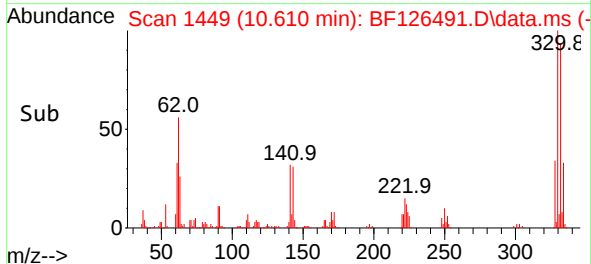


#42
2,4,6-Tribromophenol
Concen: 133.323 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

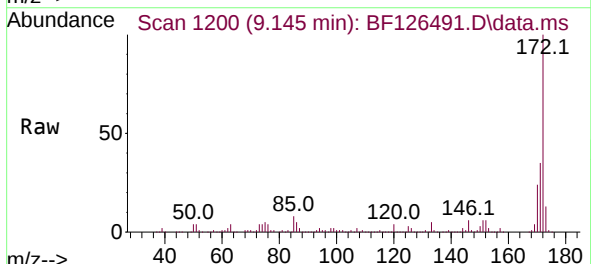
Instrument :
BNA_F
ClientSampleId :
PB141720TB



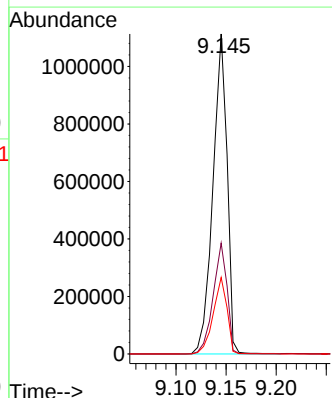
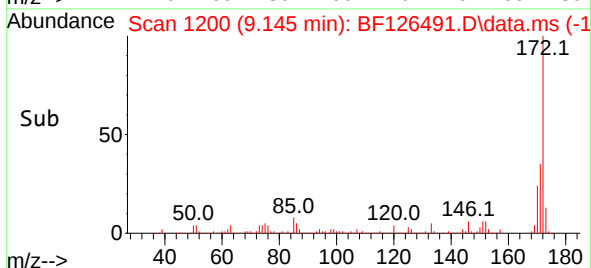
Tgt Ion:330 Resp: 236501
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 32.6 30.1 45.1

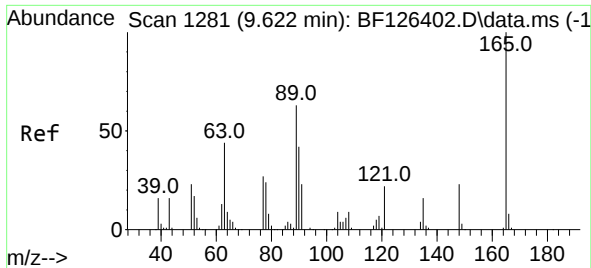


#45
2-Fluorobiphenyl
Concen: 83.864 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14



Tgt Ion:172 Resp: 1094013
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.9 19.0 28.6

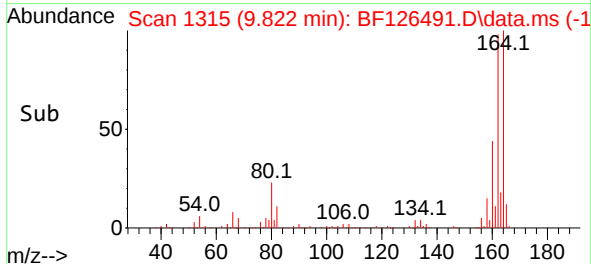
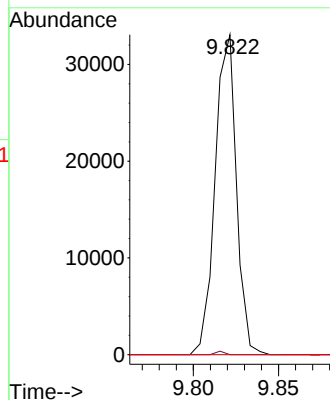
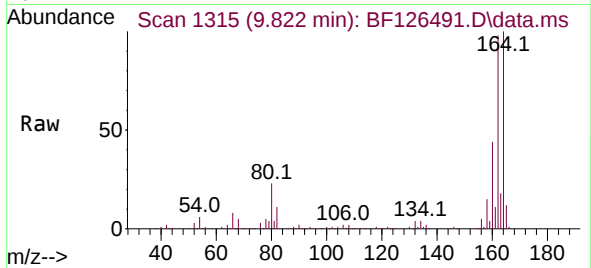




#51
2,6-Dinitrotoluene
Concen: 9.287 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.212 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

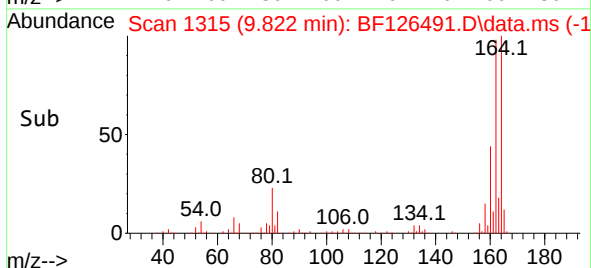
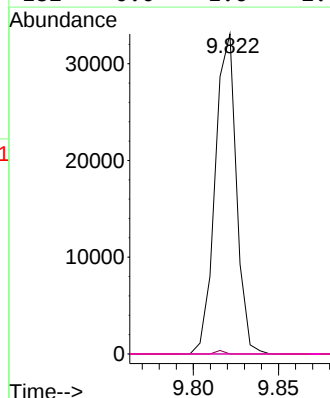
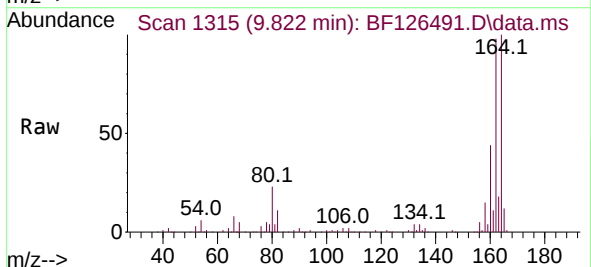
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:165 Resp: 28743
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.198 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

Tgt Ion:165 Resp: 28743
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

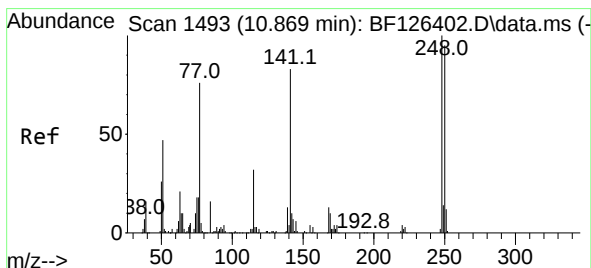
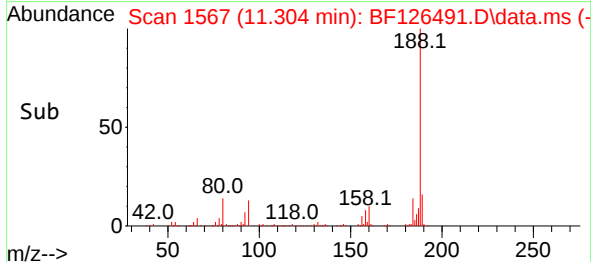
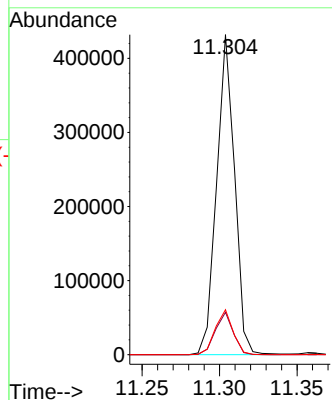
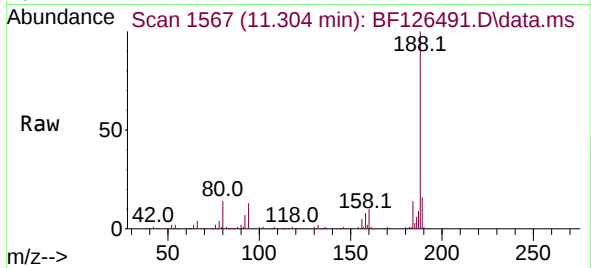




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

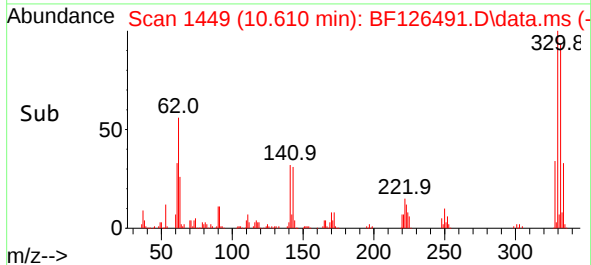
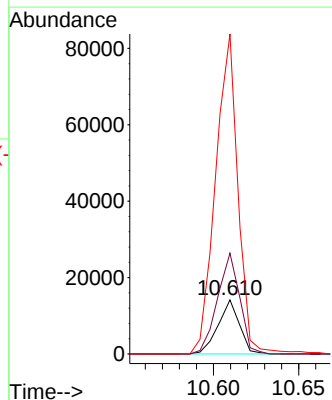
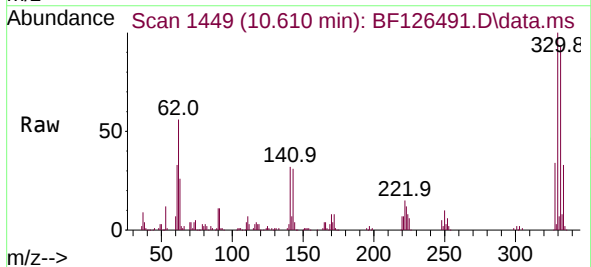
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ClientSampleId :
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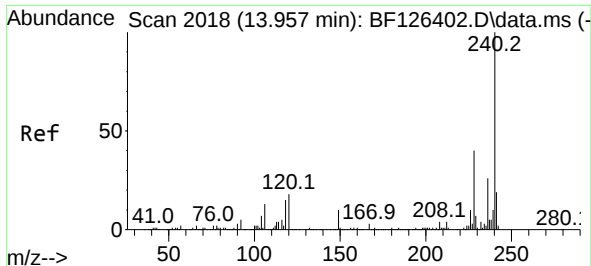
Tgt Ion:188 Resp: 347961
Ion Ratio Lower Upper
188 100
94 13.3 10.1 15.1
80 14.1 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.004 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

Tgt Ion:248 Resp: 12367
Ion Ratio Lower Upper
248 100
250 186.3 76.2 114.4#
141 590.9 66.2 99.4#

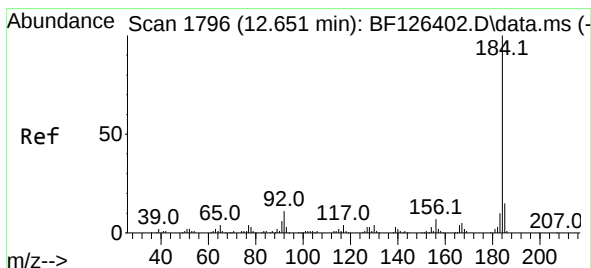
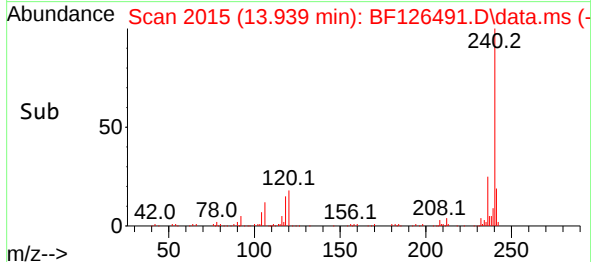
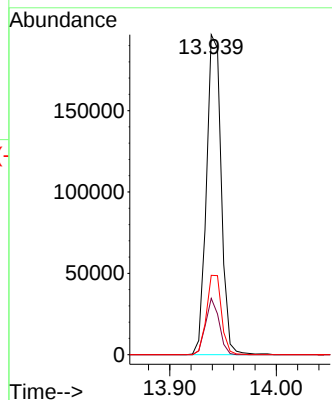
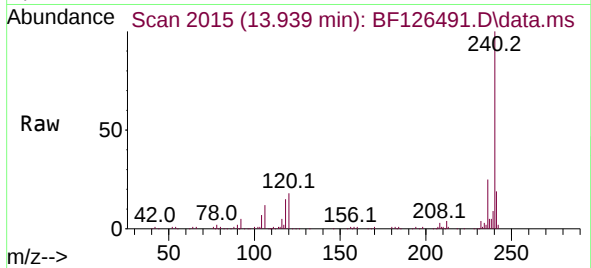




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

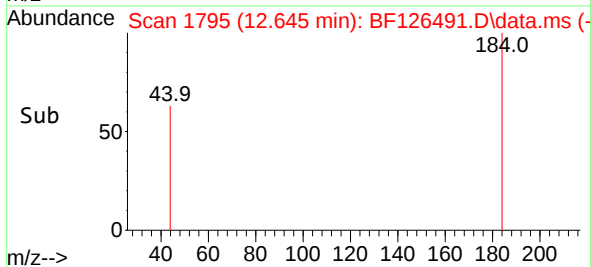
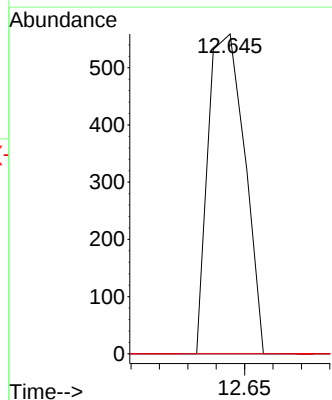
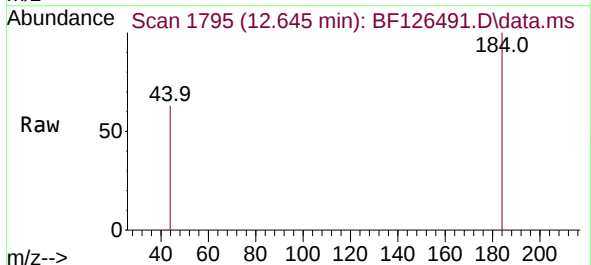
Instrument :
BNA_F
ClientSampleId :
PB141720TB

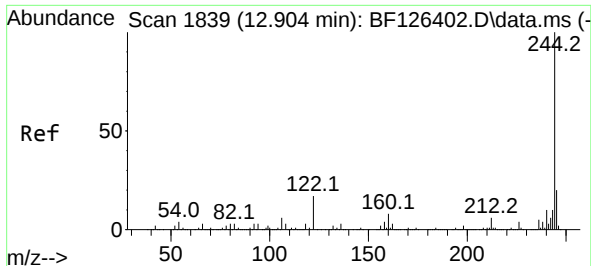
Tgt Ion:240 Resp: 190053
Ion Ratio Lower Upper
240 100
120 17.6 14.4 21.6
236 24.8 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF126491.D
Acq: 5 Jan 2022 12:14

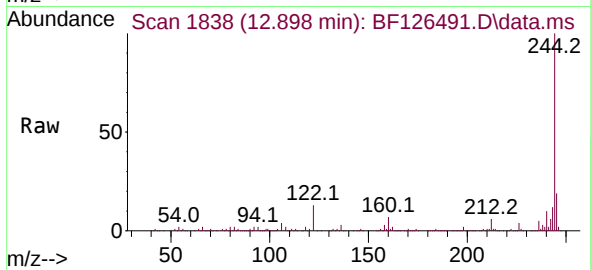
Tgt Ion:184 Resp: 499
Ion Ratio Lower Upper
184 100
185 0.0 11.8 17.8#
183 0.0 8.2 12.2#



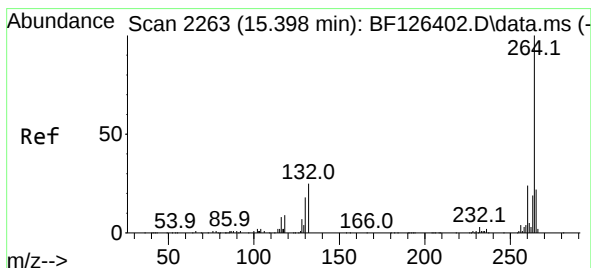
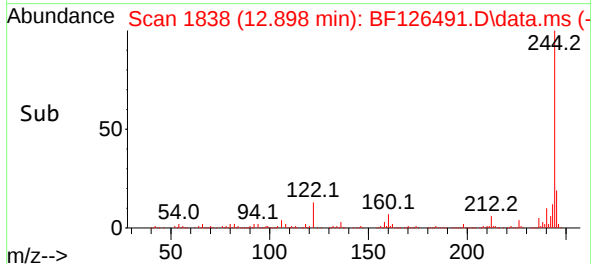
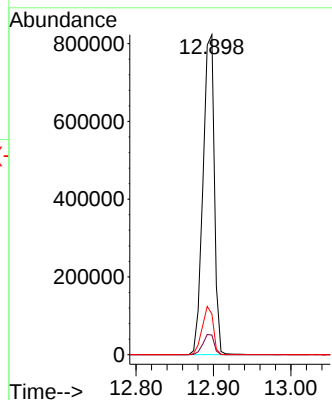


#79
 Terphenyl-d14
 Concen: 85.392 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126491.D
 Acq: 5 Jan 2022 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB141720TB



Tgt Ion:244 Resp: 835281
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 12.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126491.D
 Acq: 5 Jan 2022 12:14

Tgt Ion:264 Resp: 182888
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.9 17.4 26.2

