

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124994.D
 Acq On : 8 Aug 2021 2:16
 Operator : JU/CG
 Sample : M3289-09 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 37702RT

Quant Time: Aug 08 09:12:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

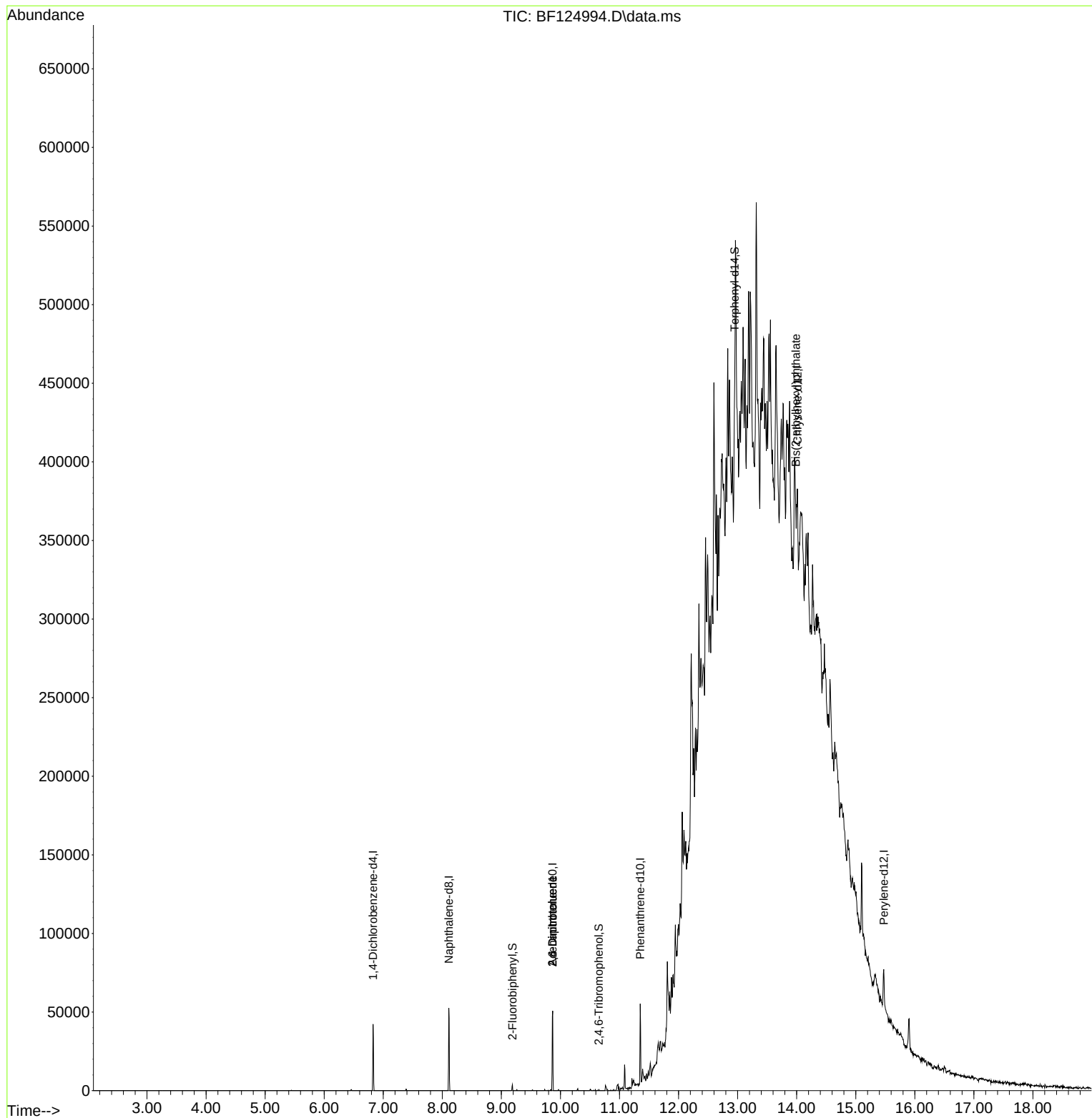
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6364	20.00	ng	# 0.00
21) Naphthalene-d8	8.110	136	22759	20.00	ng	# 0.00
39) Acenaphthene-d10	9.869	164	10753	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	18946	20.00	ng	# 0.00
76) Chrysene-d12	14.015	240	12358	20.00	ng	0.02
86) Perylene-d12	15.474	264	9762	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	111	0.29	ng	0.00
7) Phenol-d6	6.457	99	596	1.22	ng	0.00
23) Nitrobenzene-d5	7.386	82	443	1.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	216	2.25	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1861	2.53	ng	0.00
79) Terphenyl-d14	12.951	244	1768	2.41	ng	0.01
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.869	165	1458	8.99	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	1458	6.62	ng	# 18
84) Bis(2-ethylhexyl)phtha...	13.986	149	2796	4.65	ng	# 78

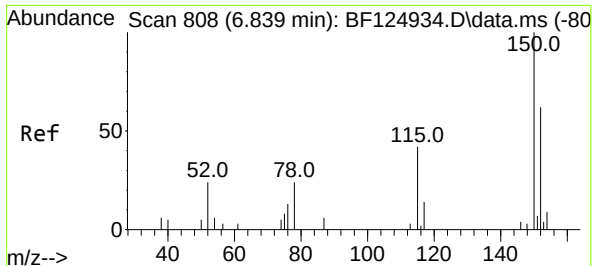
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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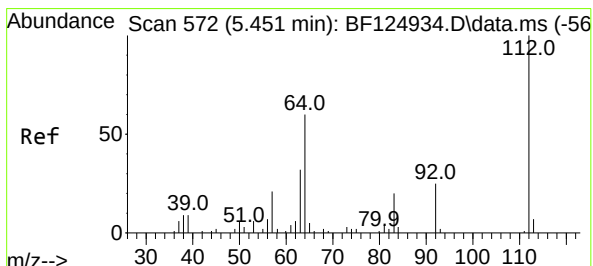
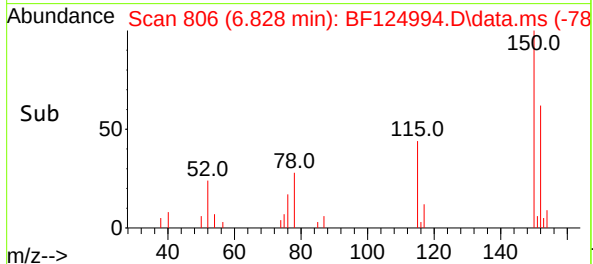
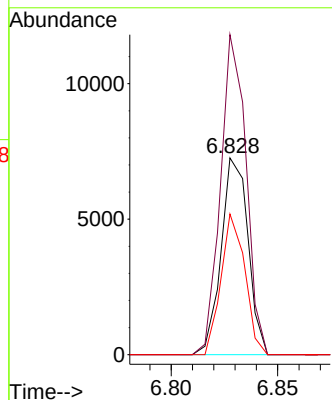
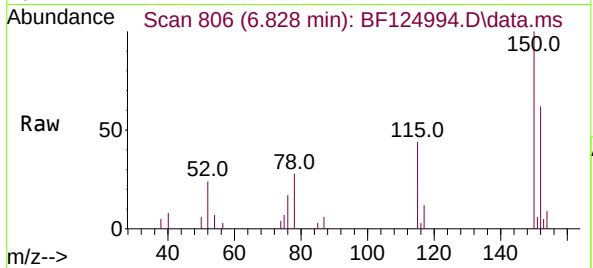




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

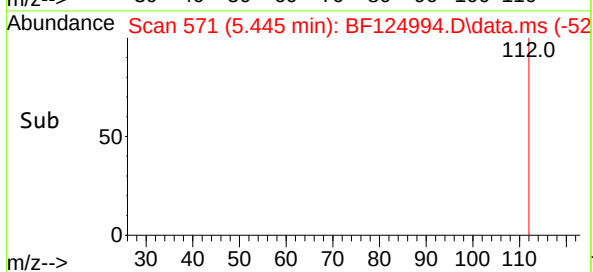
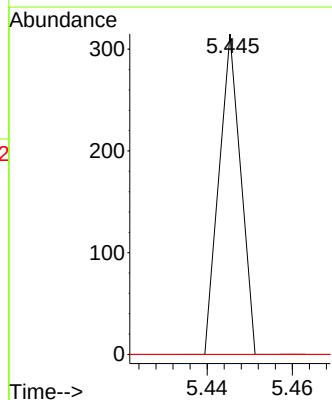
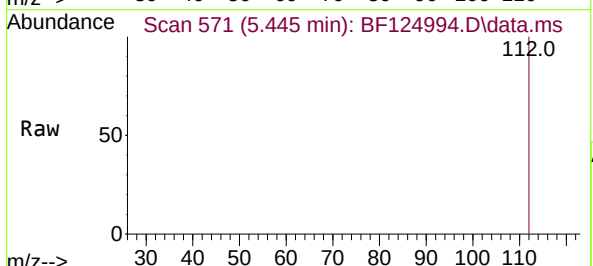
Instrument :
BNA_F
ClientSampled :
37702RT

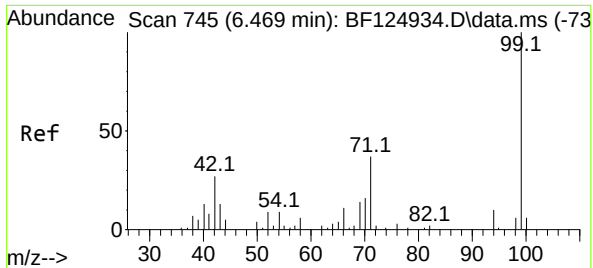
Tgt Ion:152 Resp: 6364
Ion Ratio Lower Upper
152 100
150 162.6 117.6 176.4
115 71.4 47.1 70.7#



#5
2-Fluorophenol
Concen: 0.29 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

Tgt Ion:112 Resp: 111
Ion Ratio Lower Upper
112 100
64 0.0 44.2 66.2#
63 0.0 26.2 39.2#

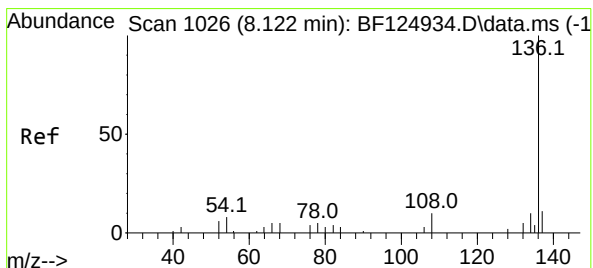
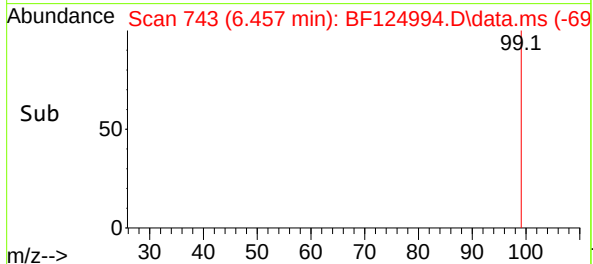
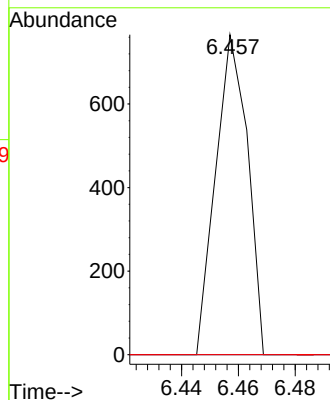
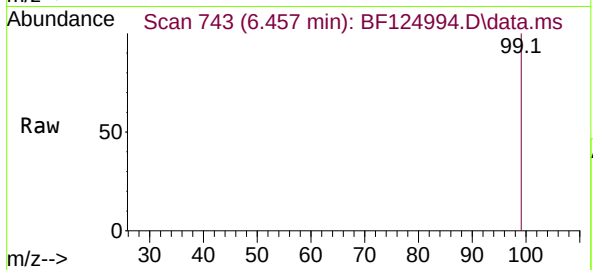




#7
Phenol-d6
Concen: 1.22 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

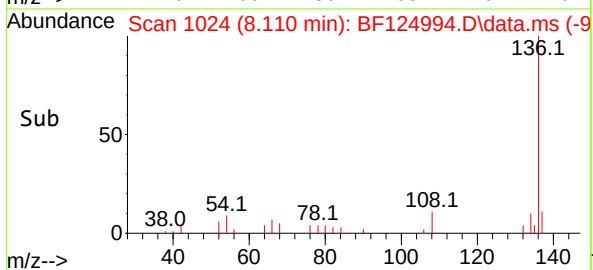
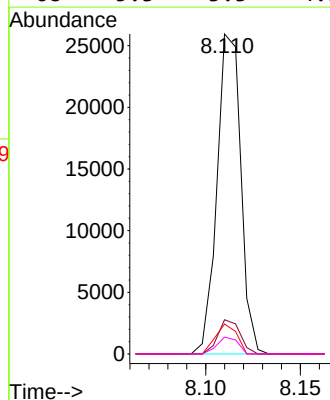
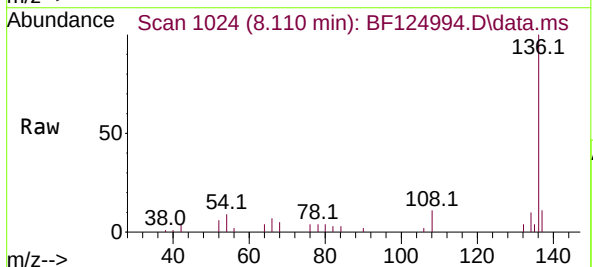
Instrument :
BNA_F
ClientSampled :
37702RT

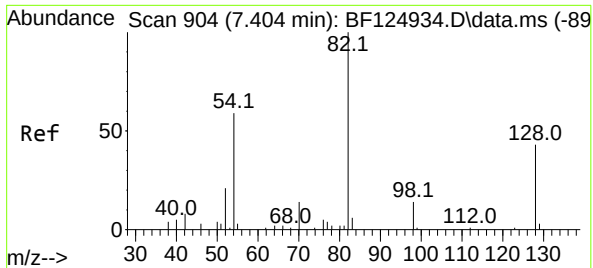
Tgt Ion: 99 Resp: 596
Ion Ratio Lower Upper
99 100
42 0.0 23.5 35.3#
71 0.0 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

Tgt Ion: 136 Resp: 22759
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.3 6.4 9.6
68 5.3 3.3 4.9#

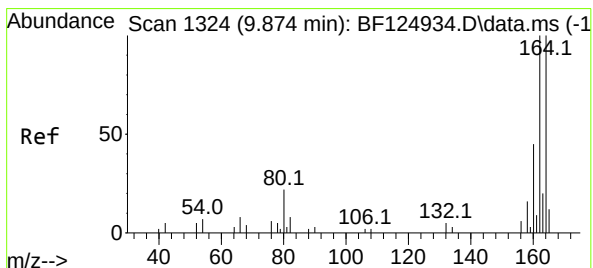
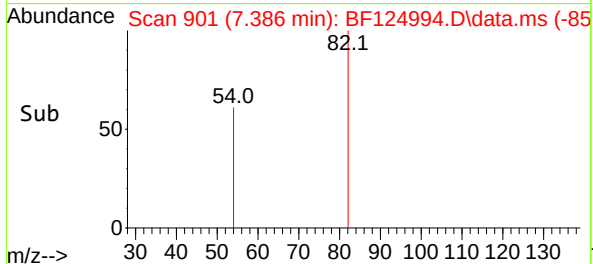
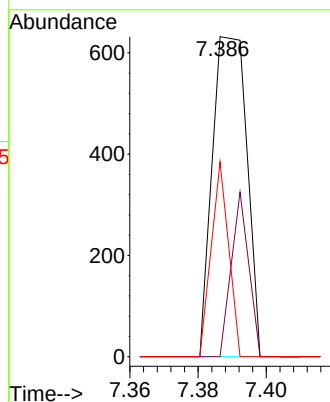
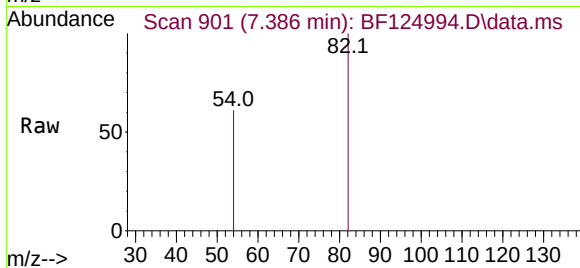




#23
Nitrobenzene-d5
Concen: 1.02 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

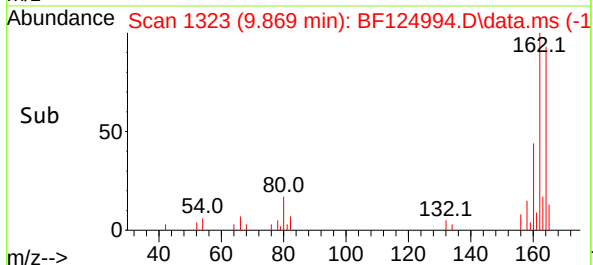
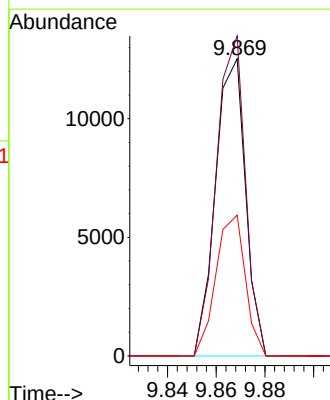
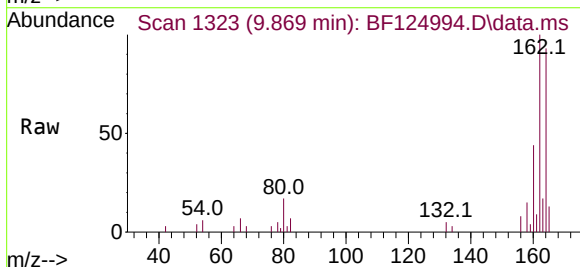
Instrument :
BNA_F
ClientSampled :
37702RT

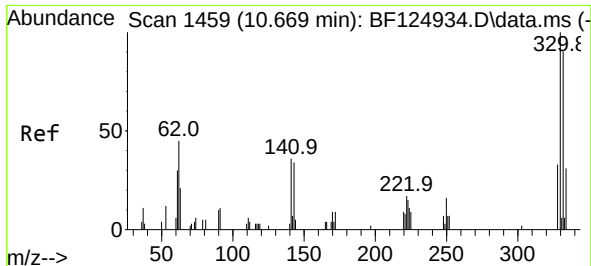
Tgt Ion: 82 Resp: 443
Ion Ratio Lower Upper
82 100
128 0.0 40.6 60.8#
54 60.9 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

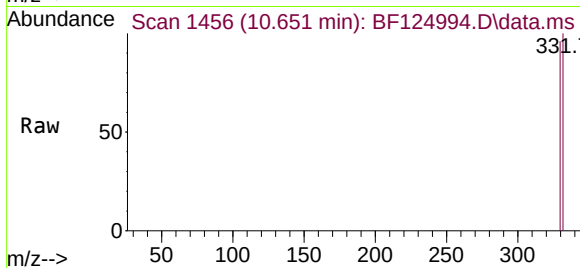
Tgt Ion:164 Resp: 10753
Ion Ratio Lower Upper
164 100
162 107.7 81.3 121.9
160 47.4 38.0 57.0



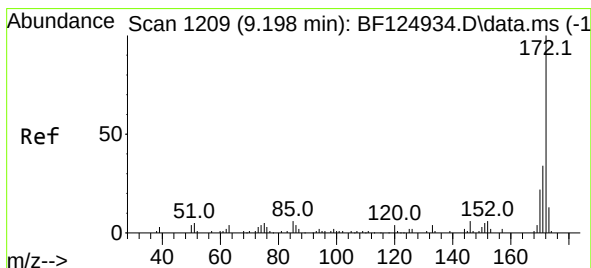
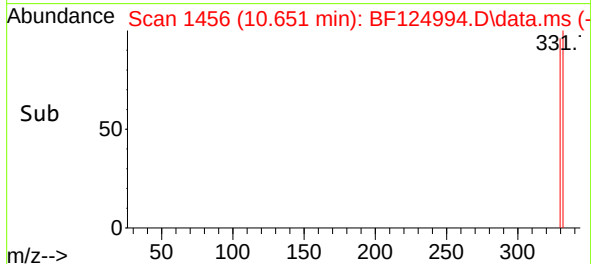
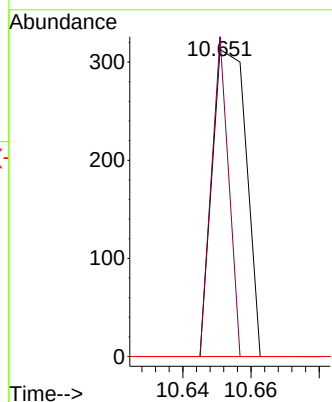


#42
2,4,6-Tribromophenol
Concen: 2.25 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

Instrument :
BNA_F
ClientSampled :
37702RT

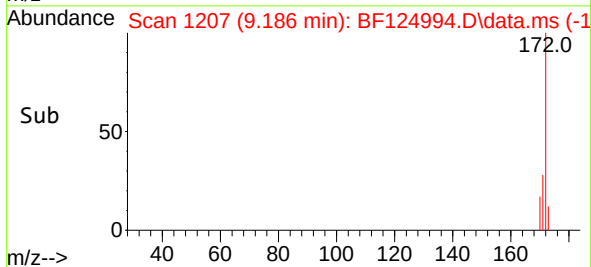
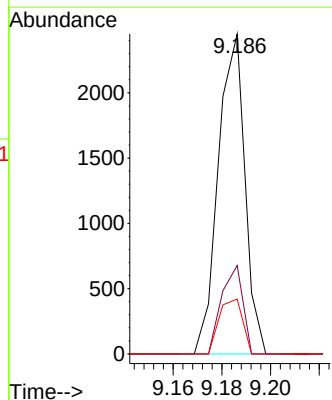
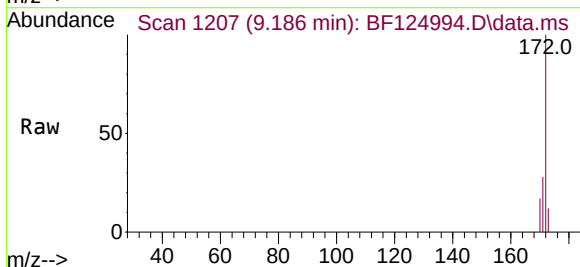


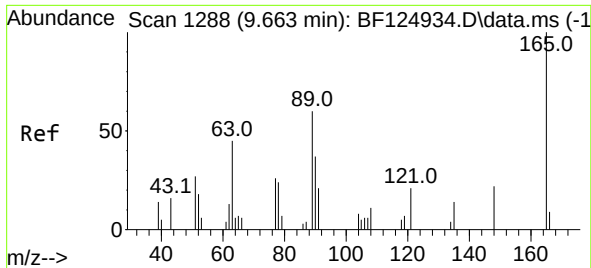
Tgt Ion:330 Resp: 216
Ion Ratio Lower Upper
330 100
332 53.2 76.2 114.4#
141 0.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 2.53 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

Tgt Ion:172 Resp: 1861
Ion Ratio Lower Upper
172 100
171 27.6 26.5 39.7
170 17.1 18.8 28.2#

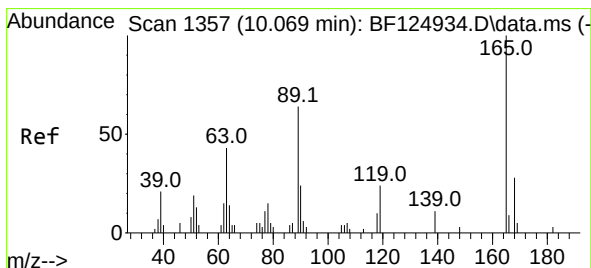
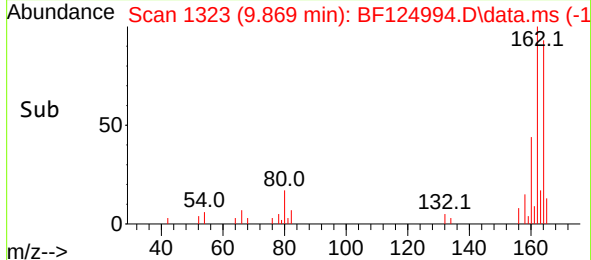
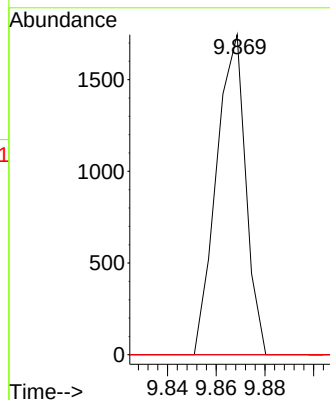
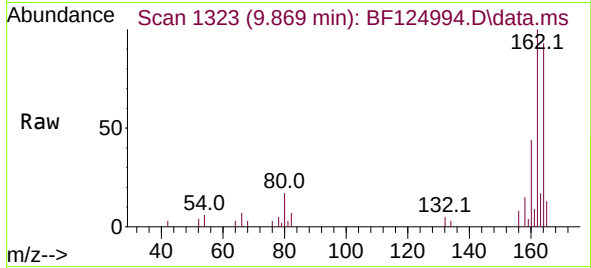




#51
2,6-Dinitrotoluene
Concen: 8.99 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

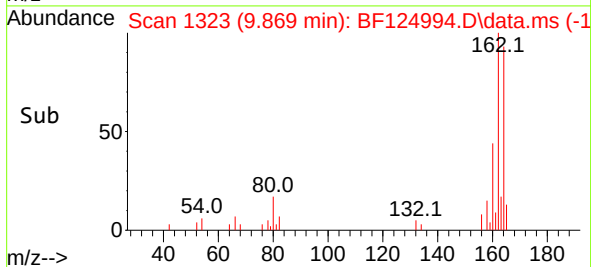
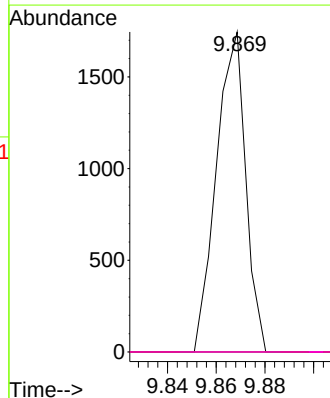
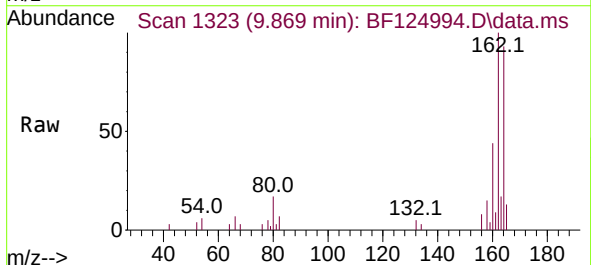
Instrument :
BNA_F
ClientSampled :
37702RT

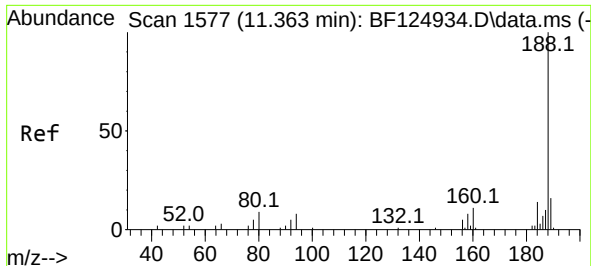
Tgt Ion:165 Resp: 1458
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.188 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

Tgt Ion:165 Resp: 1458
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

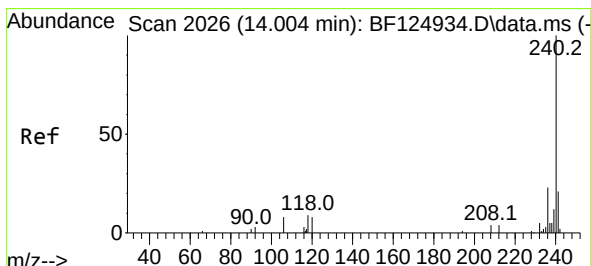
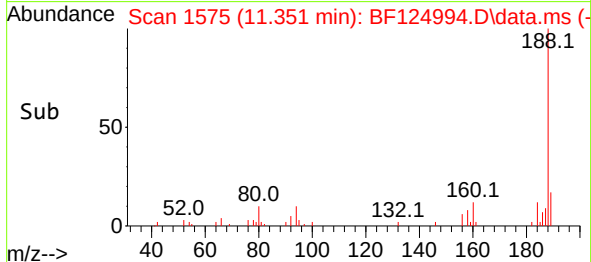
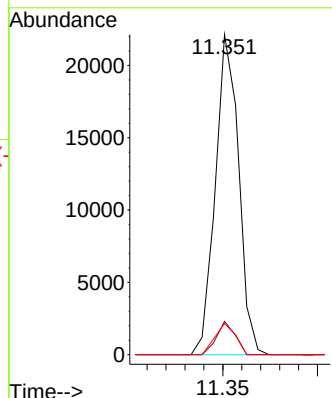
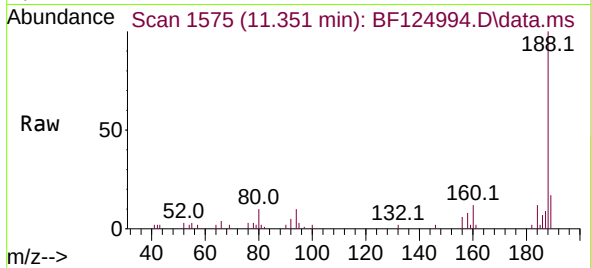




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

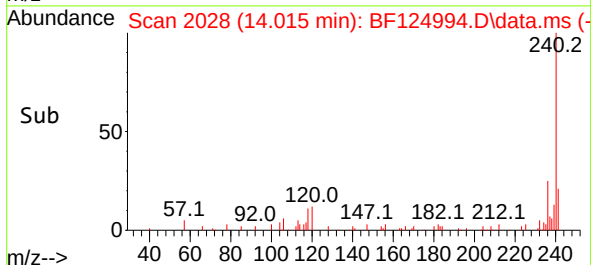
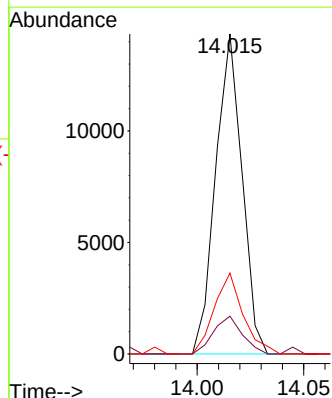
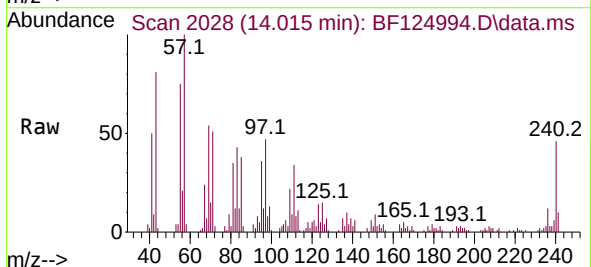
Instrument :
BNA_F
ClientSampled :
37702RT

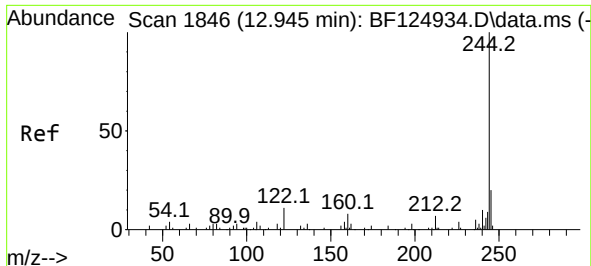
Tgt Ion:188 Resp: 18946
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.024 min
Lab File: BF124994.D
Acq: 8 Aug 2021 2:16

Tgt Ion:240 Resp: 12358
Ion Ratio Lower Upper
240 100
120 11.8 10.8 16.2
236 25.3 21.6 32.4

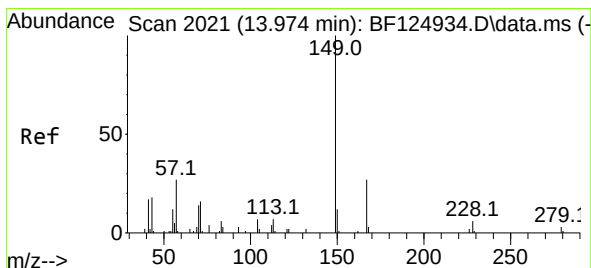
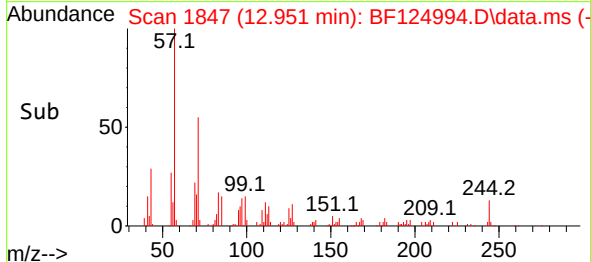
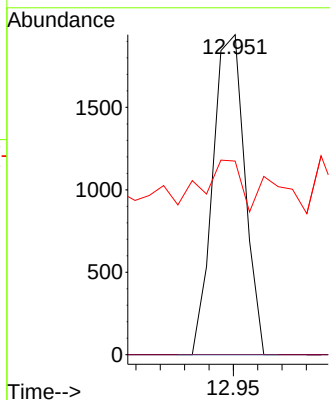
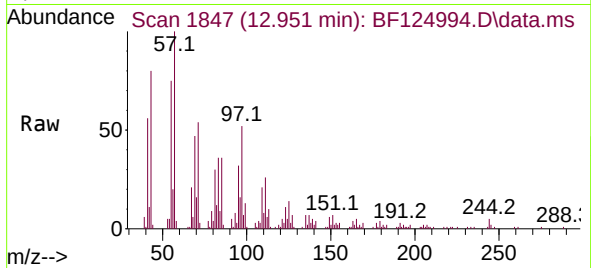




#79
 Terphenyl-d14
 Concen: 2.41 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.012 min
 Lab File: BF124994.D
 Acq: 8 Aug 2021 2:16

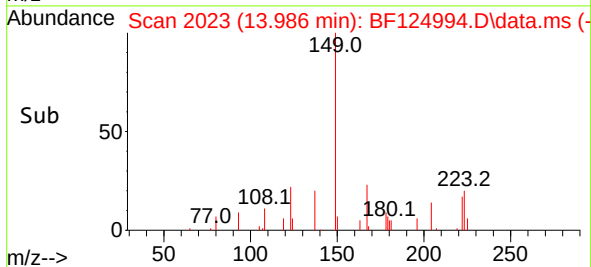
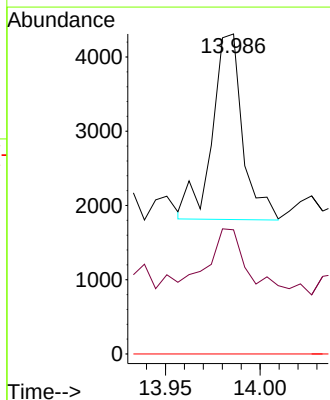
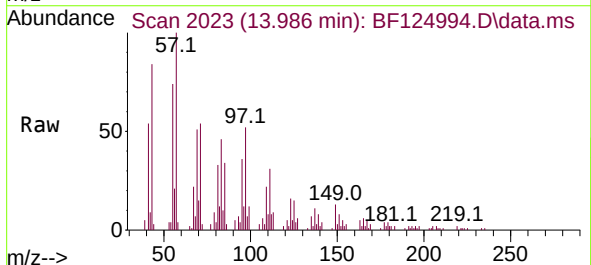
Instrument :
 BNA_F
 ClientSampled :
 37702RT

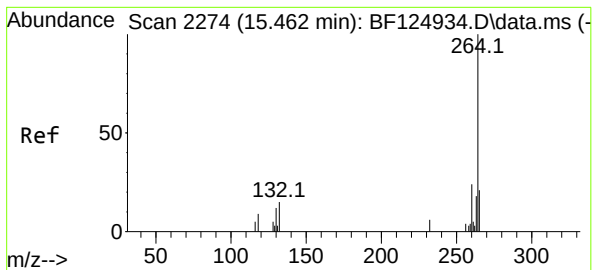
Tgt Ion:244 Resp: 1768
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.9 8.9#
 122 60.5 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.65 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. 0.024 min
 Lab File: BF124994.D
 Acq: 8 Aug 2021 2:16

Tgt Ion:149 Resp: 2796
 Ion Ratio Lower Upper
 149 100
 167 38.8 21.4 32.0#
 279 0.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.029 min
 Lab File: BF124994.D
 Acq: 8 Aug 2021 2:16

Instrument :
 BNA_F
 ClientSampleId :
 37702RT

Tgt Ion:	264	Resp:	9762
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	25.2	17.2	25.8

