

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122793.D
 Acq On : 18 Dec 2020 19:11
 Operator : JU/CG
 Sample : L5125-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

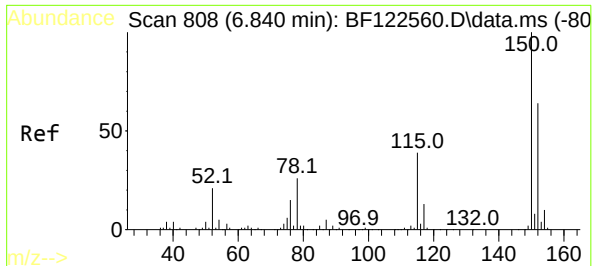
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 23:34:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	144259	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	552165	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	300399	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	580370	20.00	ng	0.00
76) Chrysene-d12	13.980	240	532148	20.00	ng	0.00
86) Perylene-d12	15.433	264	467924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	679331	74.55	ng	0.00
7) Phenol-d6	6.446	99	843477	69.80	ng	-0.01
23) Nitrobenzene-d5	7.381	82	510660	46.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	303102	77.08	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1017747	45.83	ng	-0.01
79) Terphenyl-d14	12.927	244	1187711	39.07	ng	0.00
Target Compounds						
10) Phenol	6.457	94	35337	2.82	ng	Qvalue 93
19) n-Nitroso-di-n-propyla...	7.381	70	67430	9.74	ng	# 75
25) Isophorone	7.381	82	510655	26.90	ng	# 65
50) Dimethylphthalate	9.569	163	102449	4.27	ng	100
51) 2,6-Dinitrotoluene	9.857	165	38956	7.69	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	38957	5.77	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	17923	2.28	ng	# 1

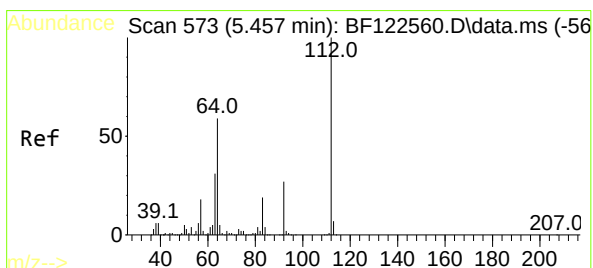
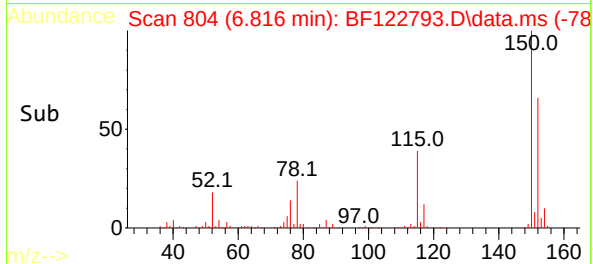
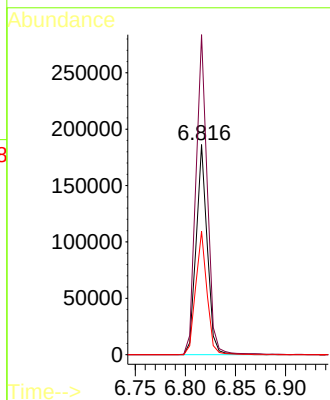
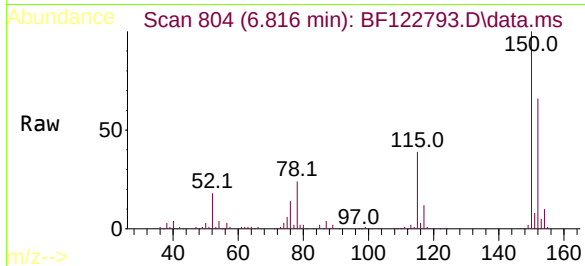
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

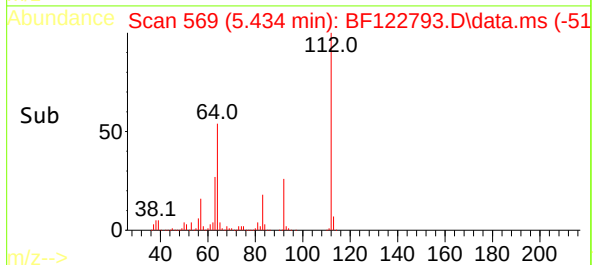
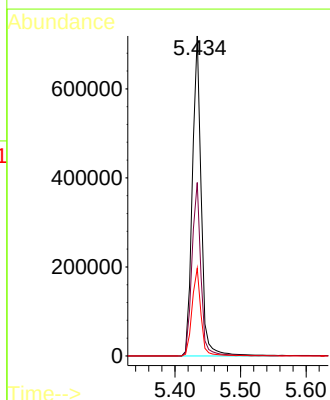
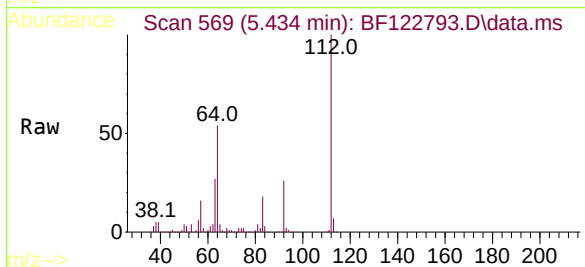
Instrument :
BNA_F
ClientSampleId :

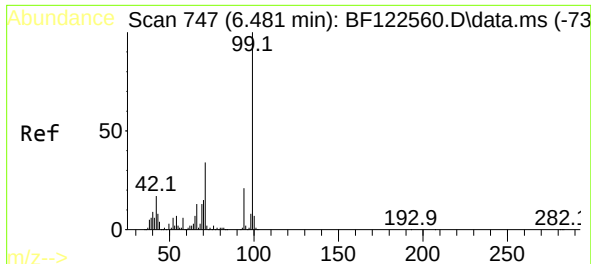
Tgt Ion:152 Resp: 144259
Ion Ratio Lower Upper
152 100
150 152.4 125.8 188.6
115 58.7 49.3 73.9



#5
2-Fluorophenol
Concen: 74.55 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

Tgt Ion:112 Resp: 679331
Ion Ratio Lower Upper
112 100
64 54.2 46.9 70.3
63 27.4 24.5 36.7

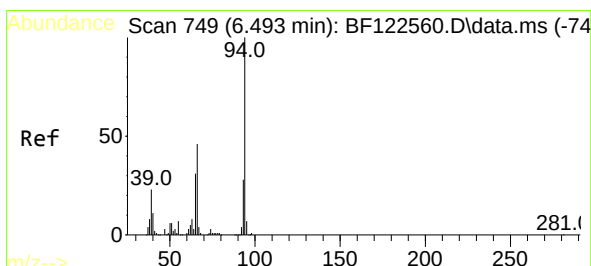
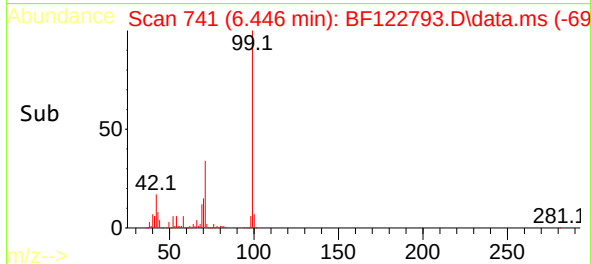
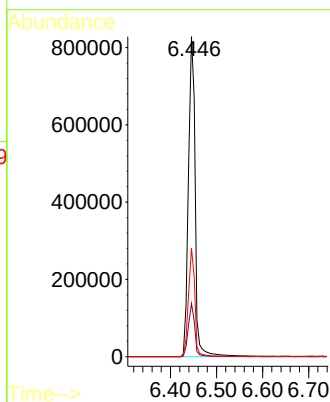
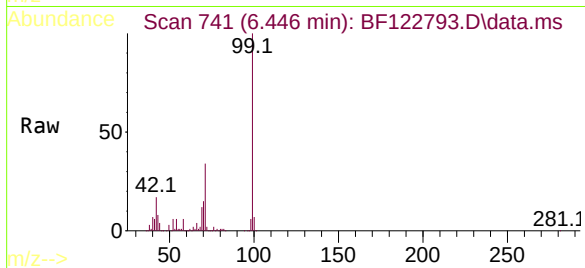




#7
Phenol-d6
Concen: 69.80 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

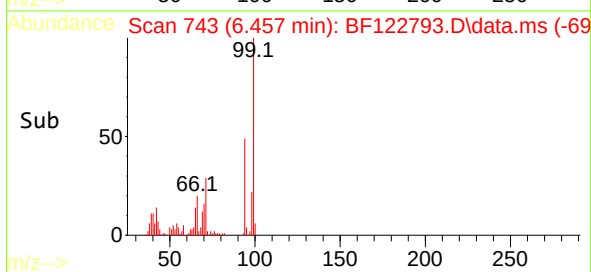
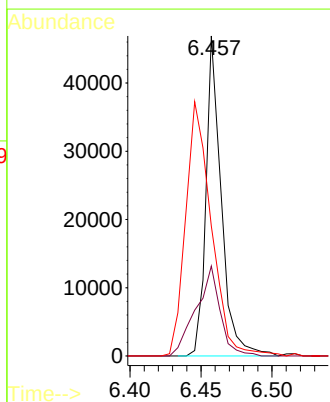
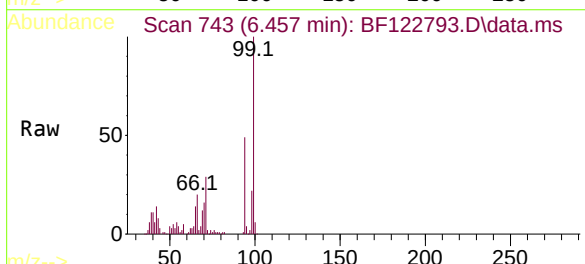
Instrument :
BNA_F
ClientSampleId :

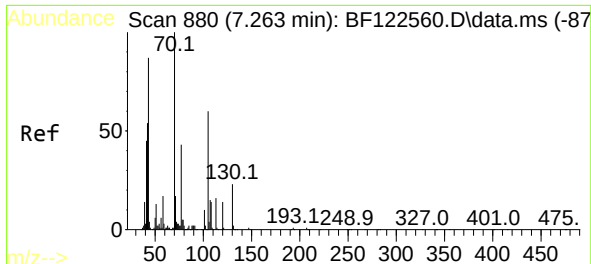
Tgt Ion: 99 Resp: 843477
Ion Ratio Lower Upper
99 100
42 16.6 13.8 20.6
71 33.9 26.9 40.3



#10
Phenol
Concen: 2.82 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

Tgt Ion: 94 Resp: 35337
Ion Ratio Lower Upper
94 100
65 28.1 11.2 51.2
66 40.6 25.8 65.8



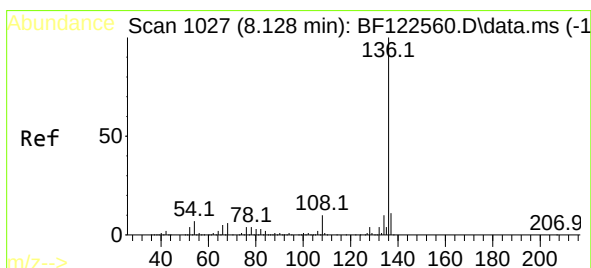
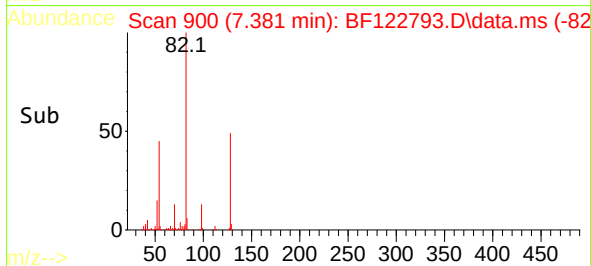
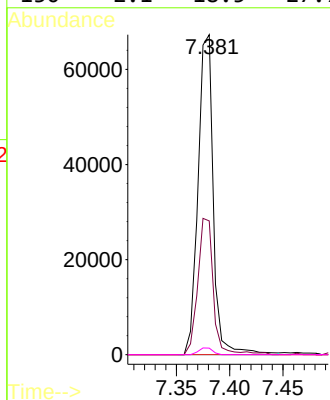
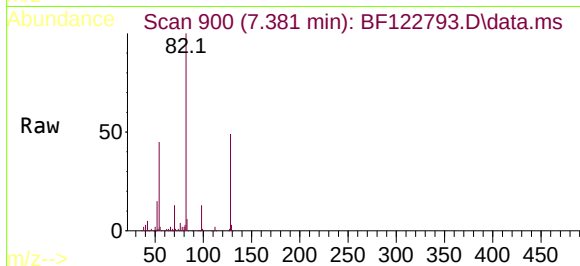


#19
n-Nitroso-di-n-propylamine
Concen: 9.74 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 67430

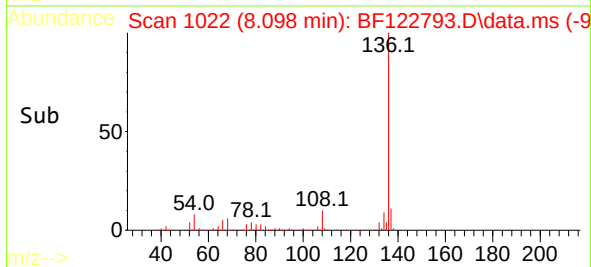
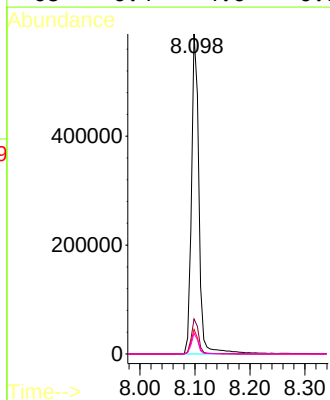
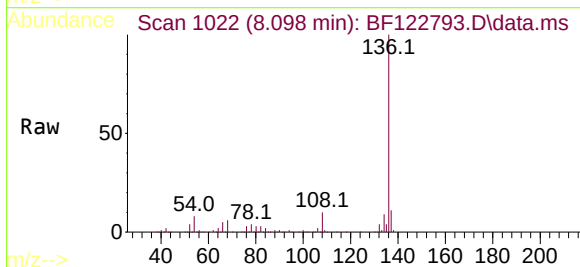
Ion	Ratio	Lower	Upper
70	100		
42	41.8	43.0	64.4#
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#

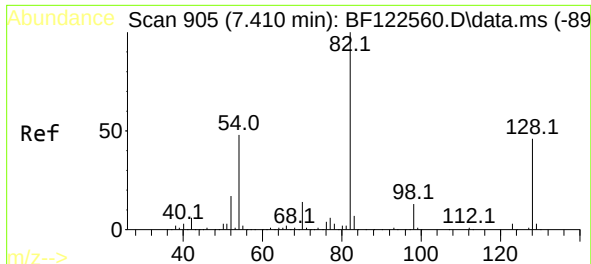


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

Tgt Ion: 136 Resp: 552165

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	5.5	8.3
68	6.4	4.6	6.8

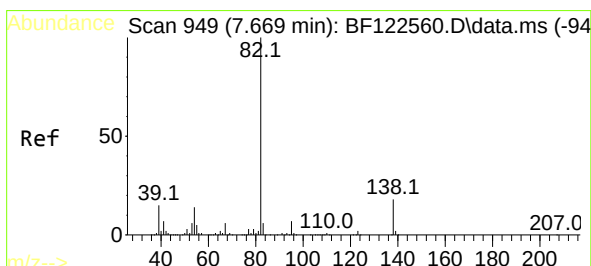
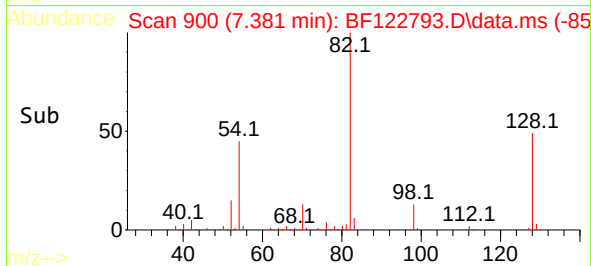
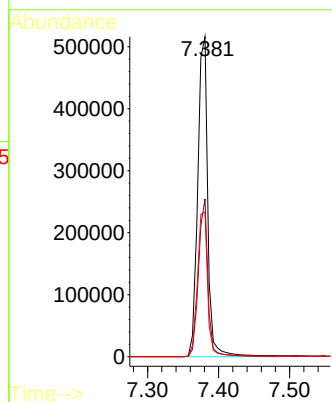
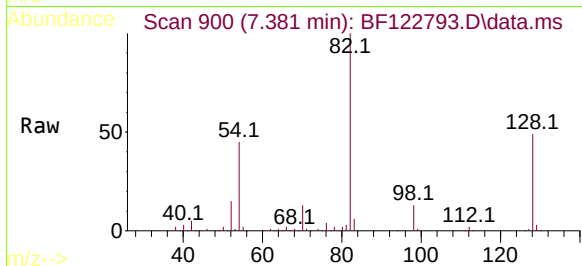




#23
Nitrobenzene-d5
Concen: 46.34 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

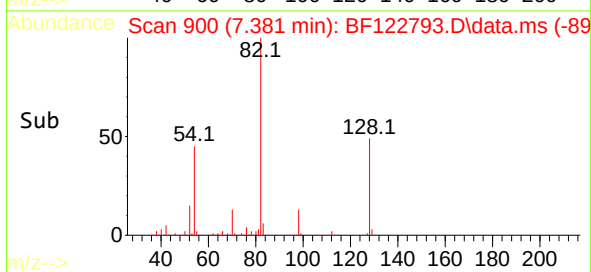
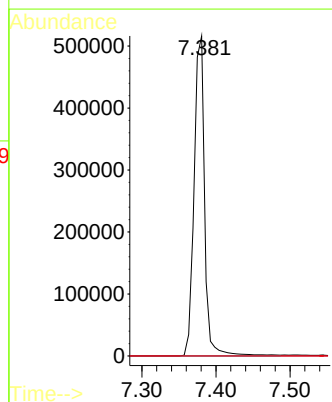
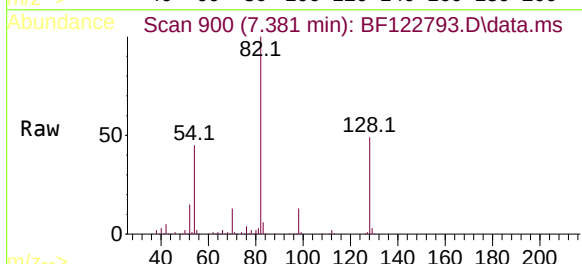
Instrument :
BNA_F
ClientSampleId :

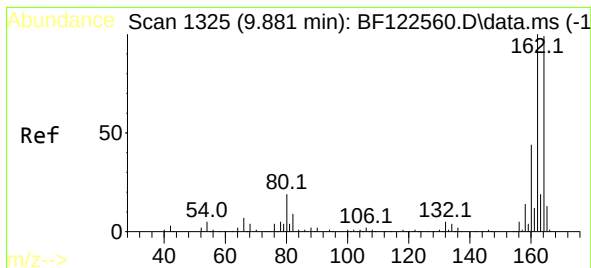
Tgt Ion: 82 Resp: 510660
Ion Ratio Lower Upper
82 100
128 49.3 37.0 55.4
54 45.2 38.4 57.6



#25
Isophorone
Concen: 26.90 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

Tgt Ion: 82 Resp: 510655
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF122793.D

Acq: 18 Dec 2020 19:11

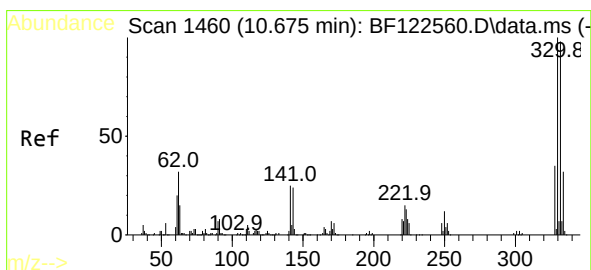
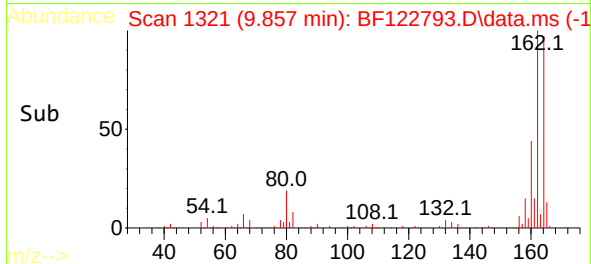
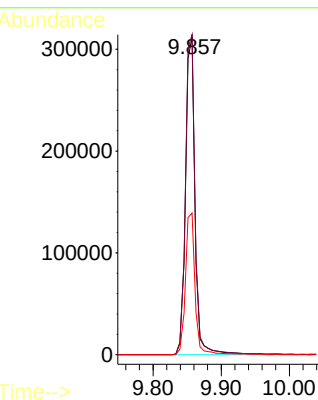
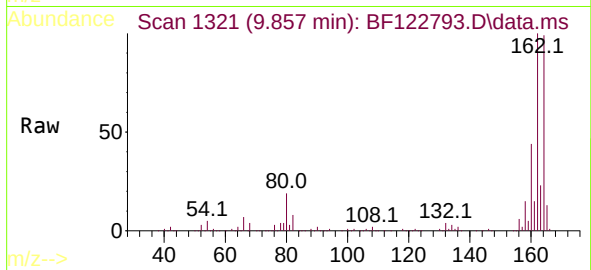
Tgt Ion:164 Resp: 300399

Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

160 44.6 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 77.08 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF122793.D

Acq: 18 Dec 2020 19:11

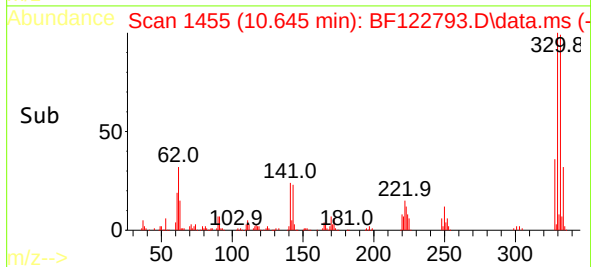
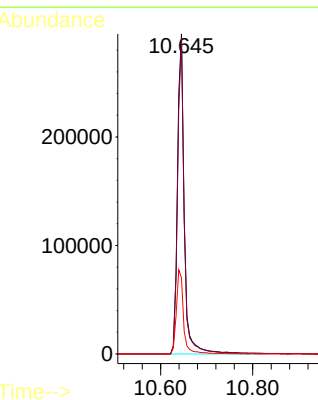
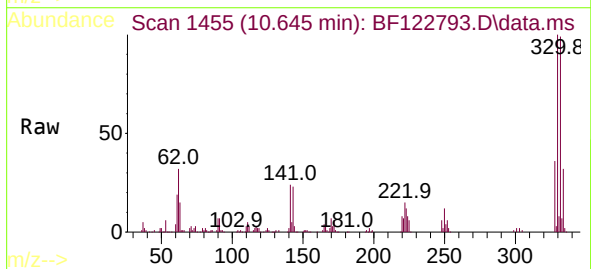
Tgt Ion:330 Resp: 303102

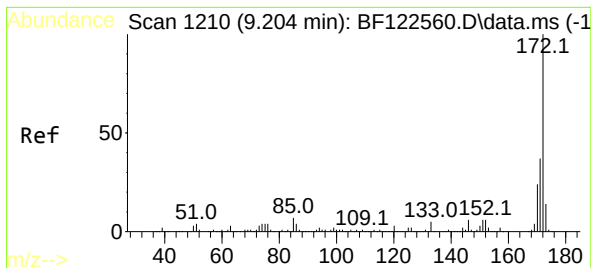
Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

141 27.2 23.8 35.8

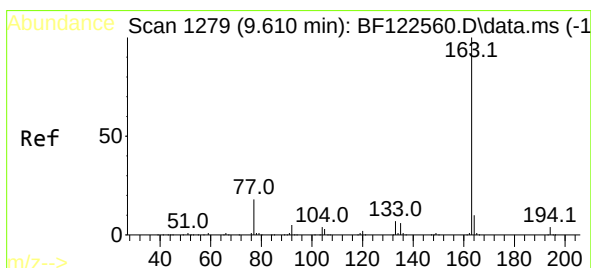
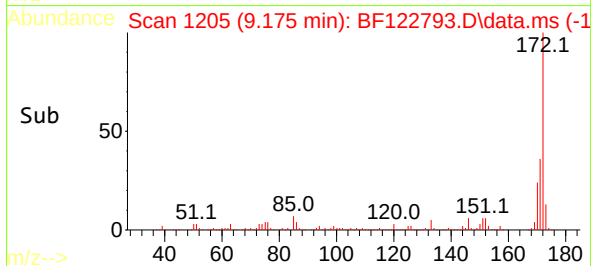
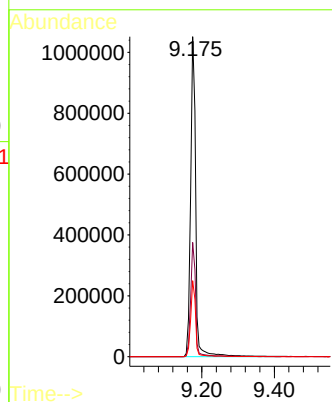
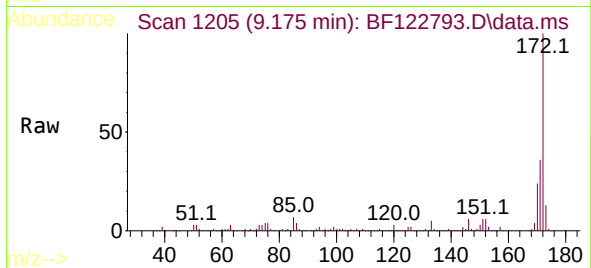




#45
2-Fluorobiphenyl
Concen: 45.83 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

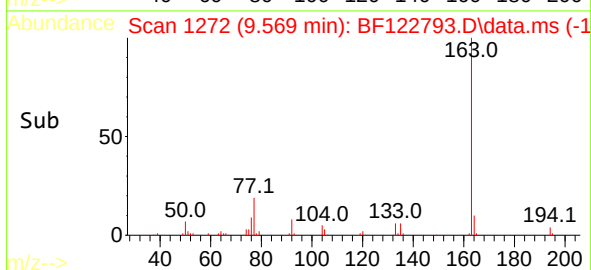
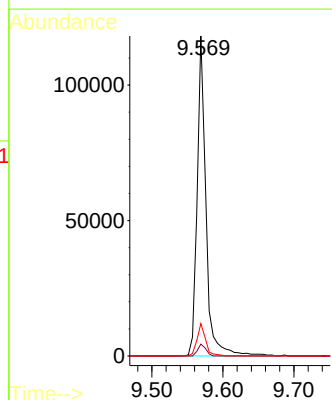
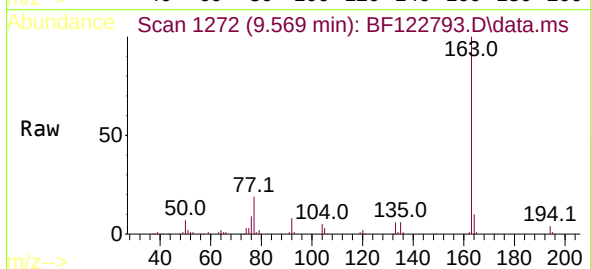
Instrument :
BNA_F
ClientSampled :

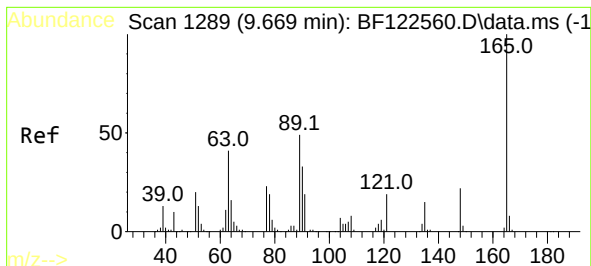
Tgt Ion:172 Resp: 1017747
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 4.27 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

Tgt Ion:163 Resp: 102449
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.1 8.1 12.1

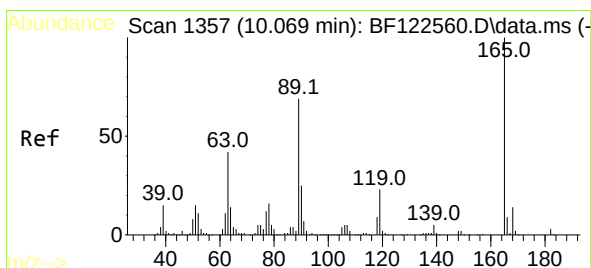
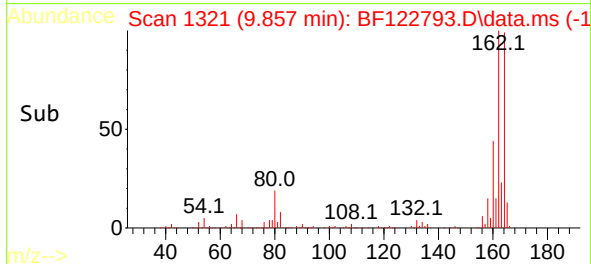
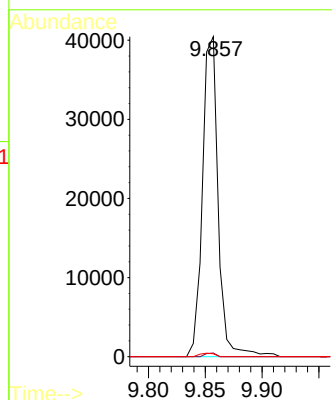
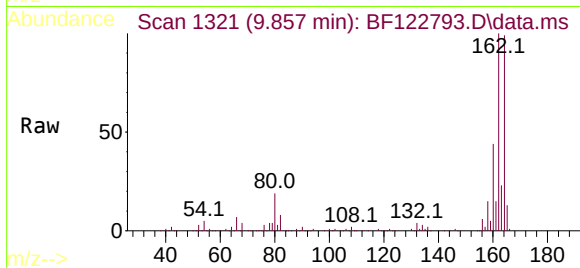




#51
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

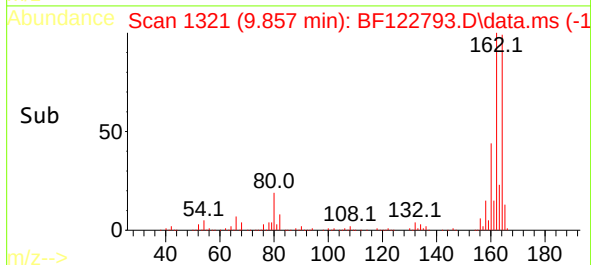
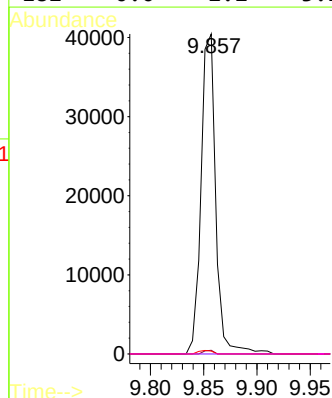
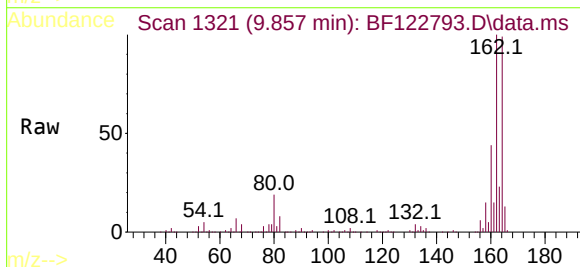
Instrument :
BNA_F
ClientSampleId :

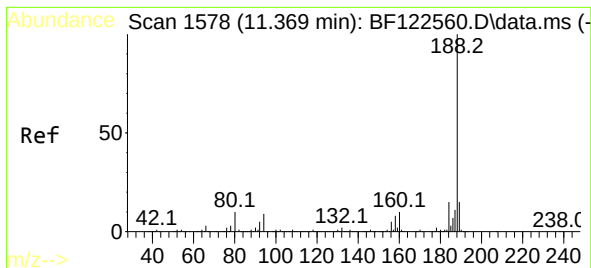
Tgt Ion:165 Resp: 38956
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 0.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

Tgt Ion:165 Resp: 38957
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 0.9 55.2 82.8#
182 0.0 2.2 3.2#

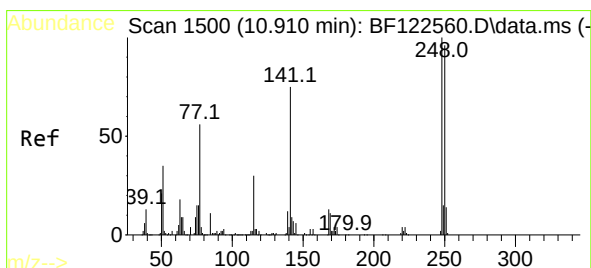
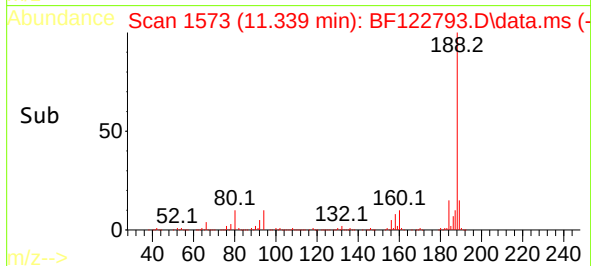
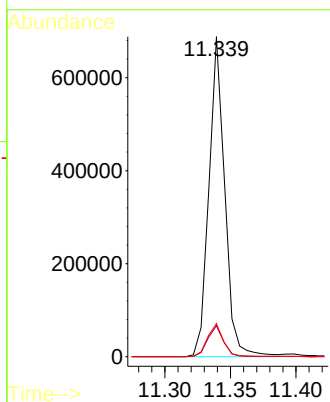
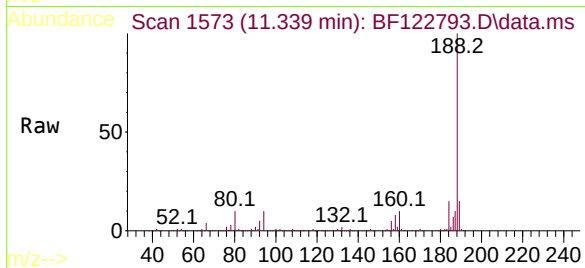




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

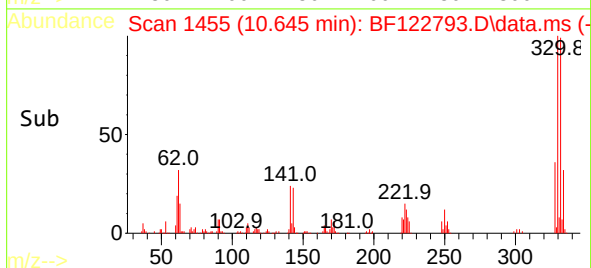
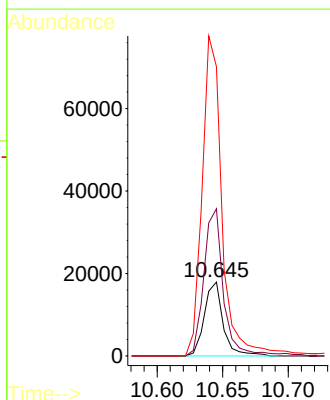
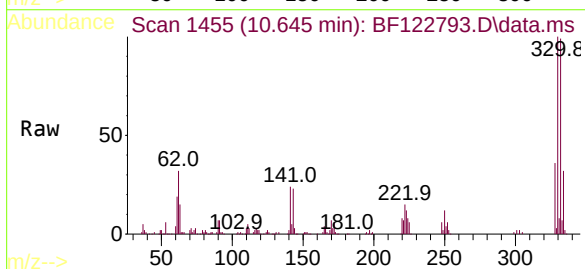
Instrument :
BNA_F
ClientSampleId :

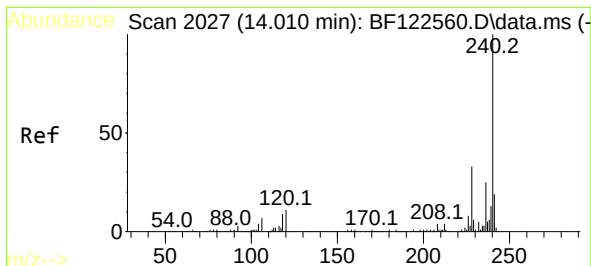
Tgt Ion:188 Resp: 580370
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.28 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

Tgt Ion:248 Resp: 17923
Ion Ratio Lower Upper
248 100
250 199.2 76.8 115.2#
141 391.2 59.8 89.8#

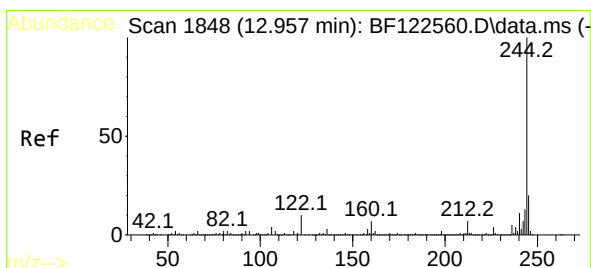
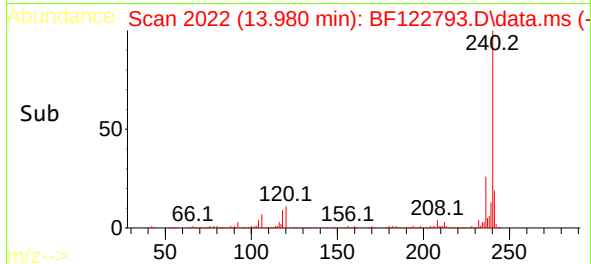
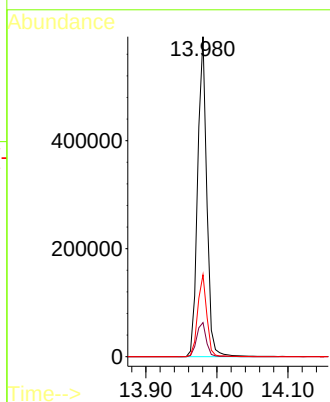
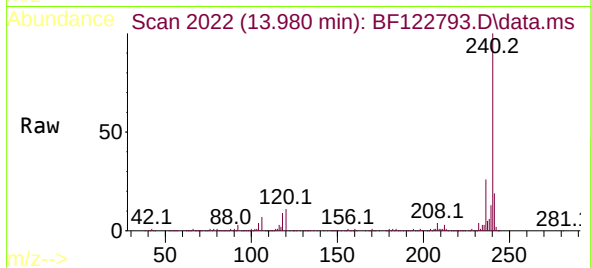




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

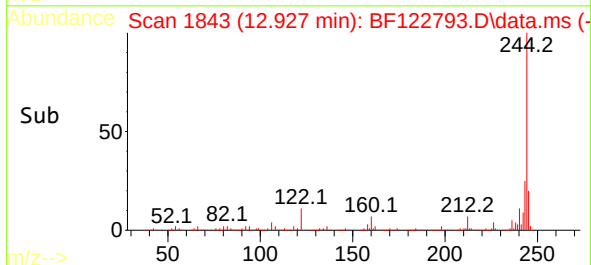
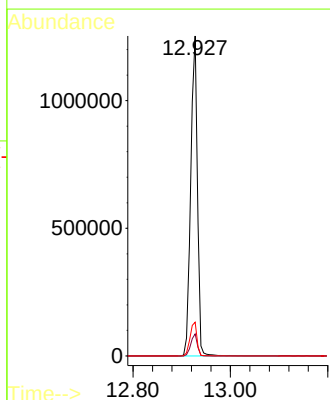
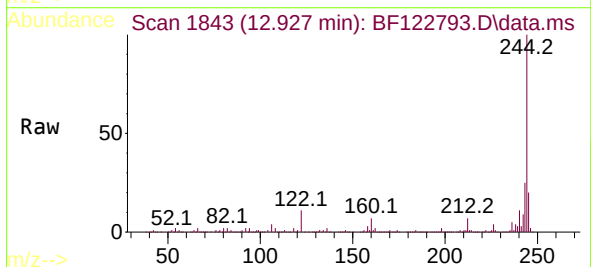
Instrument :
BNA_F
ClientSampled :

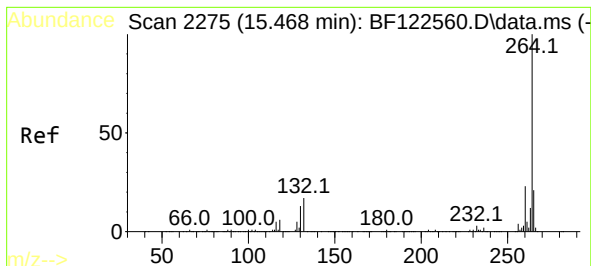
Tgt Ion:240 Resp: 532148
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 39.07 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122793.D
Acq: 18 Dec 2020 19:11

Tgt Ion:244 Resp: 1187711
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF122793.D
 Acq: 18 Dec 2020 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264 Resp: 467924
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.9 17.0 25.6

