

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122277.D
 Acq On : 4 Nov 2020 22:22
 Operator : JU/CG
 Sample : L4617-10 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Quant Time: Nov 05 00:23:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

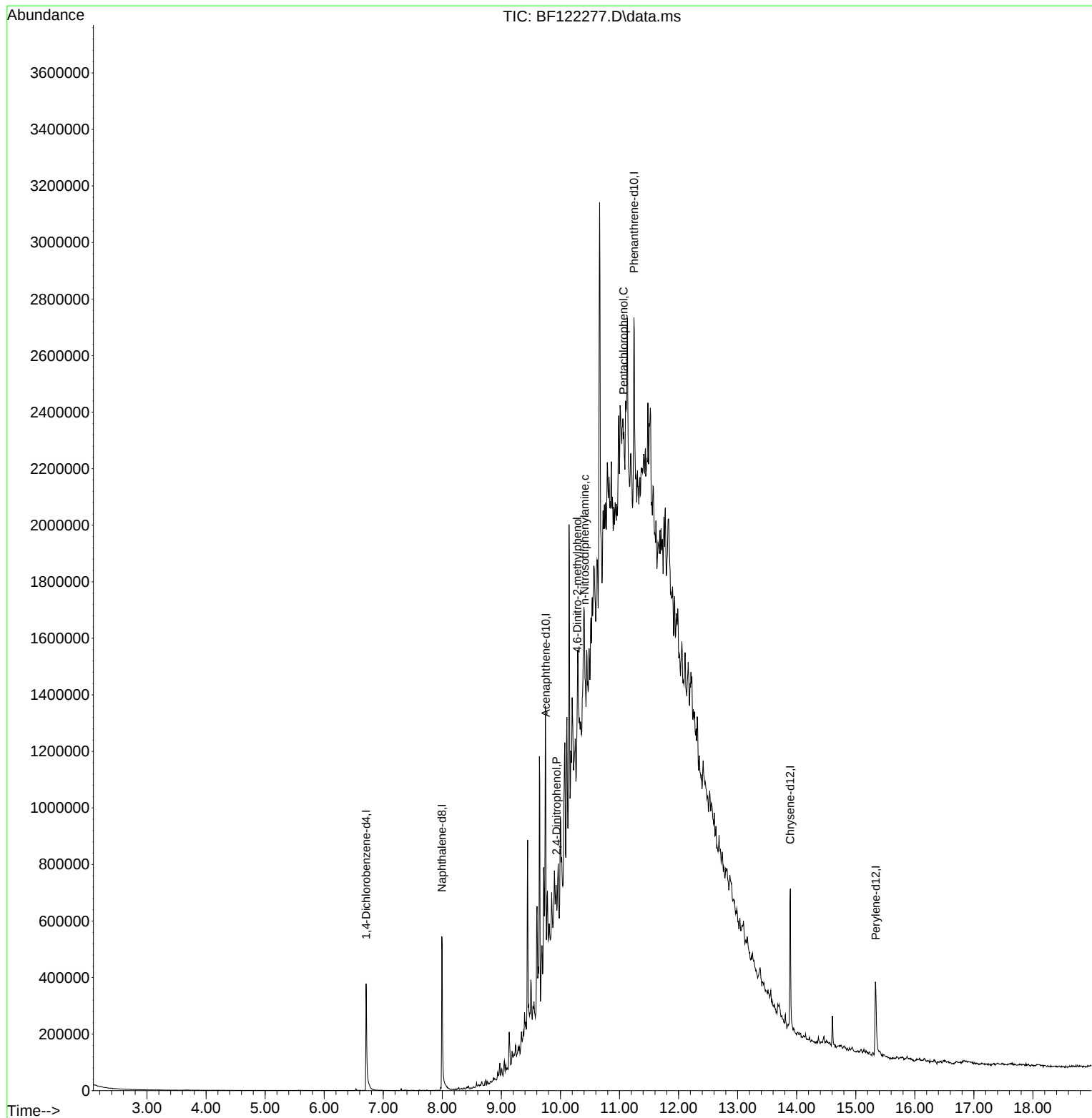
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	78002	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	331765	20.00	ng	0.00
39) Acenaphthene-d10	9.751	164	147760	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	210038	20.00	ng	# 0.01
76) Chrysene-d12	13.892	240	199288	20.00	ng	0.01
86) Perylene-d12	15.339	264	165361	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	793	0.15	ng	0.19
7) Phenol-d6	6.545	99	1969	0.29	ng	0.18
23) Nitrobenzene-d5	7.375	82	3708	0.57	ng	0.09
42) 2,4,6-Tribromophenol	10.569	330	998	0.55	ng	0.02
45) 2-Fluorobiphenyl	9.074	172	10437	1.04	ng	0.00
79) Terphenyl-d14	12.821	244	11968	1.14	ng	0.00
Target Compounds						
54) 2,4-Dinitrophenol	9.933	184	140	8.79	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.286	198	1515	5.41	ng	# 1
66) n-Nitrosodiphenylamine	10.410	169	25444	3.52	ng	# 51
70) Pentachlorophenol	11.068	266	1251	8.99	ng	# 45

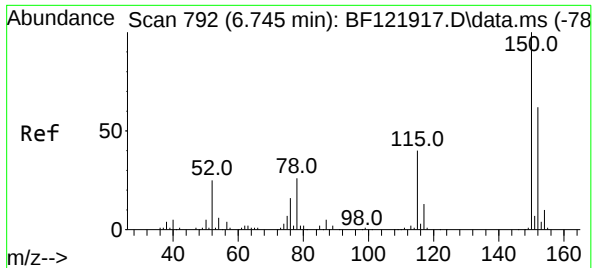
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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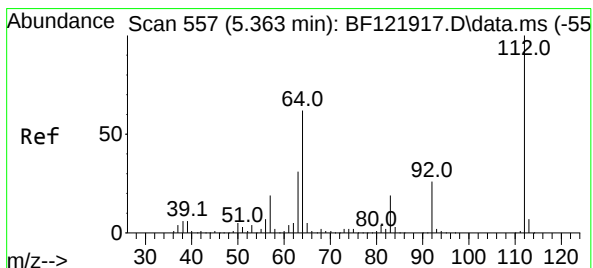
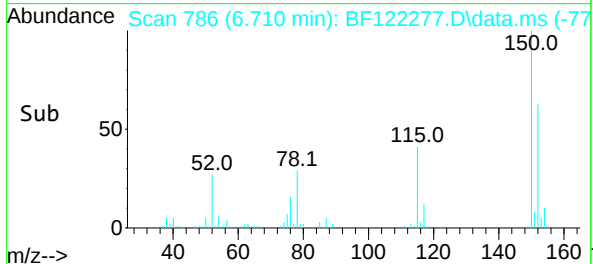
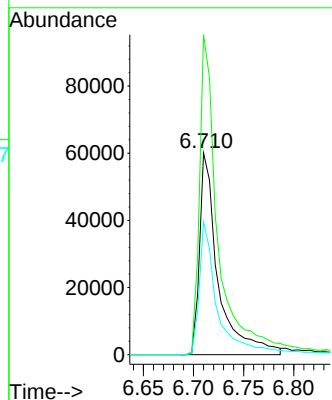
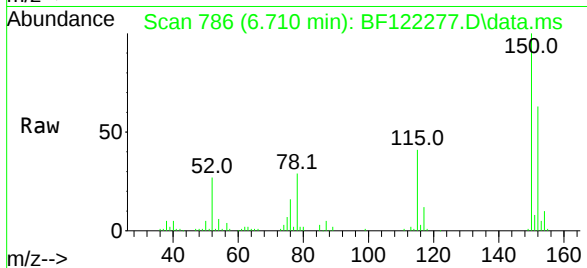




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

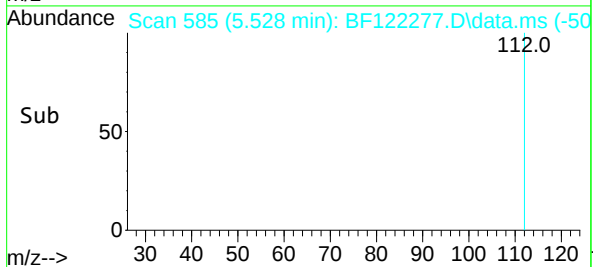
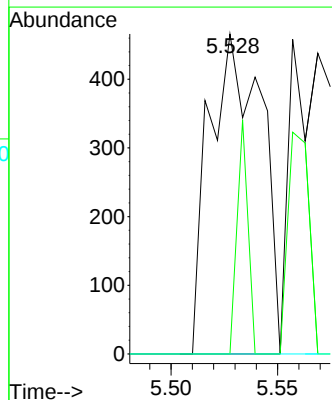
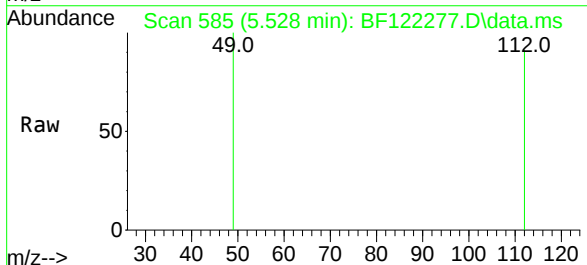
Instrument :
BNA_F
ClientSampleId :
T-1

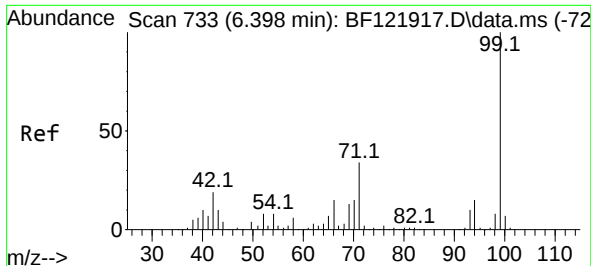
Tgt Ion:152 Resp: 78002
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 65.8 51.9 77.9



#5
2-Fluorophenol
Concen: 0.15 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.194 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

Tgt Ion:112 Resp: 793
Ion Ratio Lower Upper
112 100
64 0.0 50.4 75.6#
63 0.0 25.8 38.6#

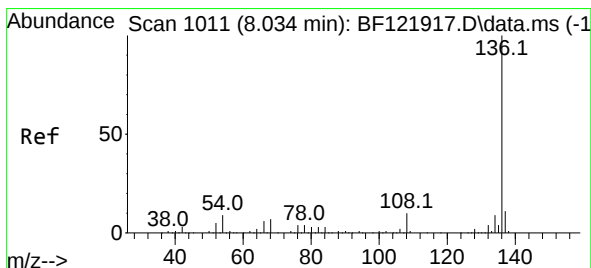
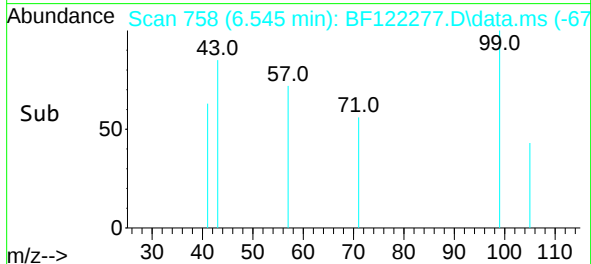
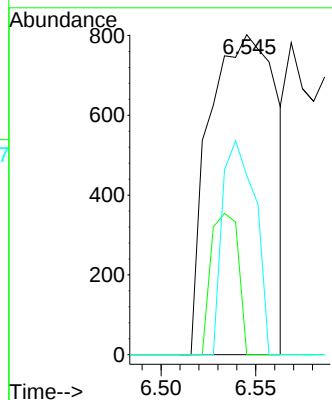
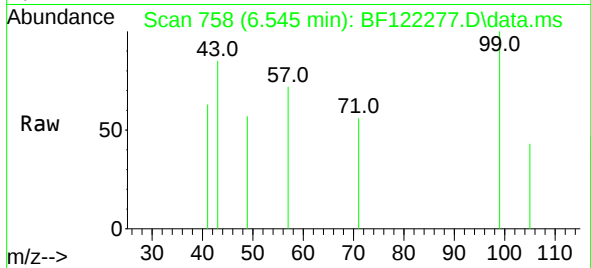




#7
Phenol-d6
Concen: 0.29 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.176 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

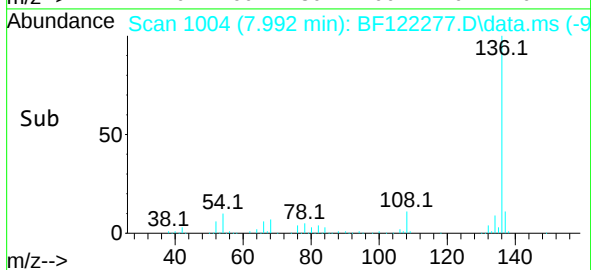
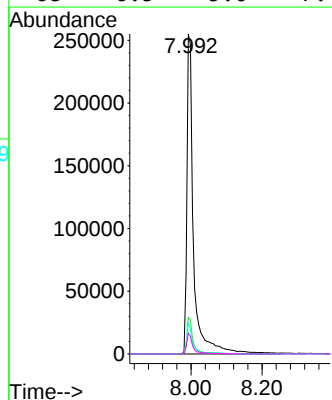
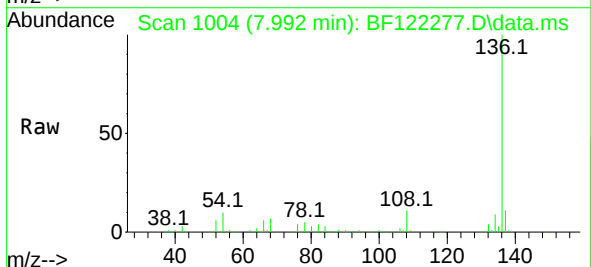
Instrument :
BNA_F
ClientSampled :
T-1

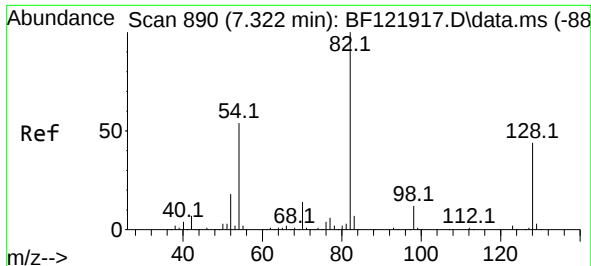
Tgt Ion: 99 Resp: 1969
Ion Ratio Lower Upper
99 100
42 0.0 15.9 23.9#
71 56.0 27.1 40.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

Tgt Ion:136 Resp: 331765
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.8 7.1 10.7
68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.57 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.088 min

Lab File: BF122277.D

Acq: 4 Nov 2020 22:22

Tgt Ion: 82 Resp: 3708

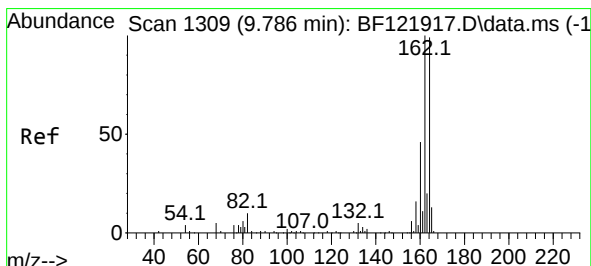
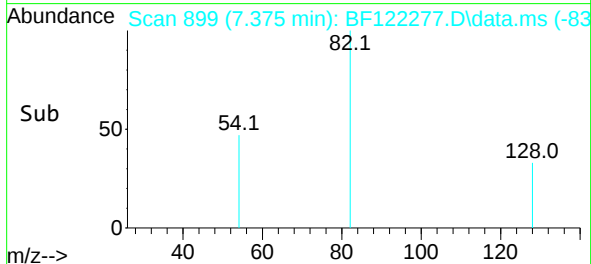
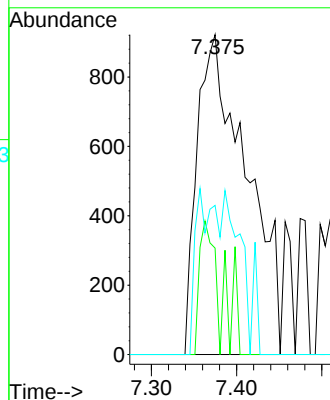
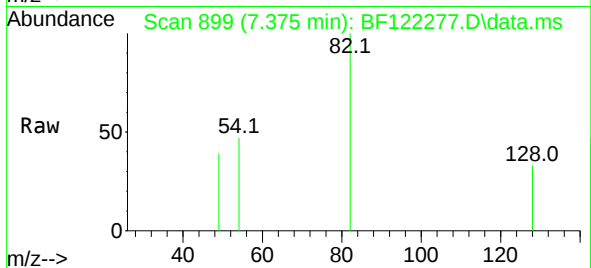
Ion	Ratio	Lower	Upper
82	100		
128	33.3	35.0	52.4#
54	46.6	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

T-1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.751 min Scan# 1303

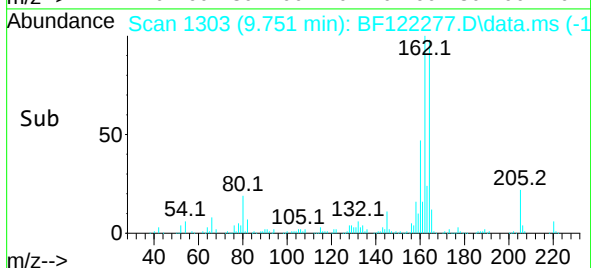
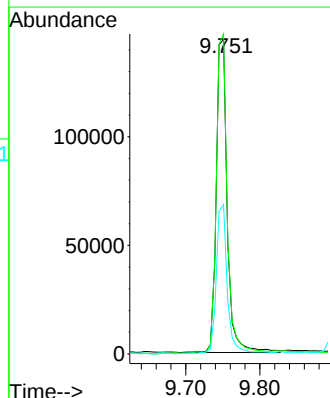
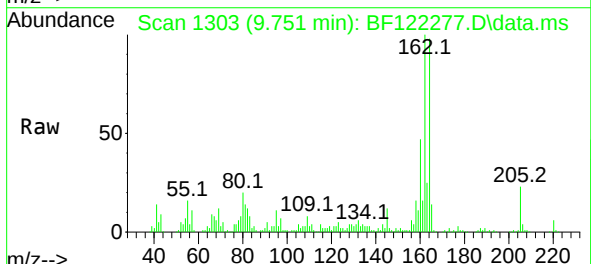
Delta R.T. -0.000 min

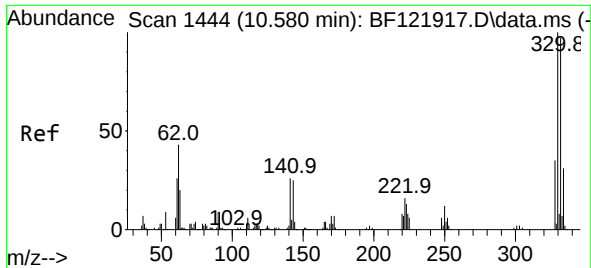
Lab File: BF122277.D

Acq: 4 Nov 2020 22:22

Tgt Ion:164 Resp: 147760

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.2	124.8
160	47.5	37.5	56.3

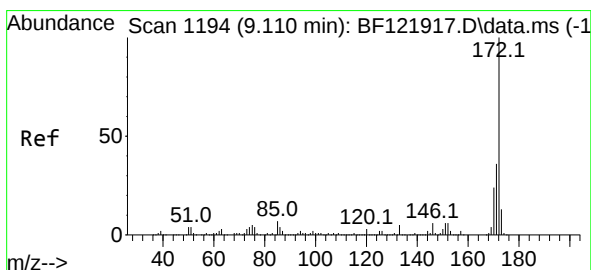
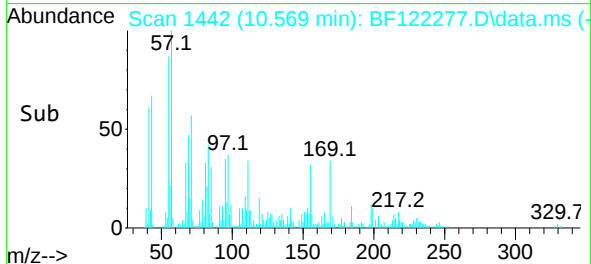
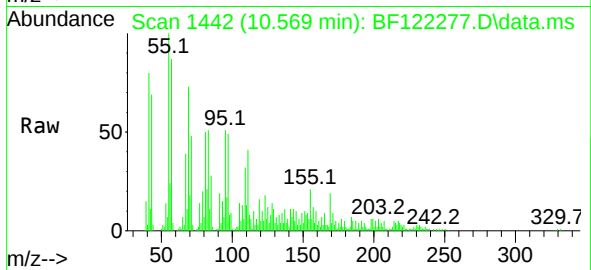




#42
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.023 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

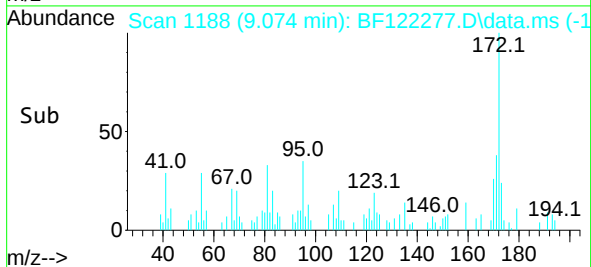
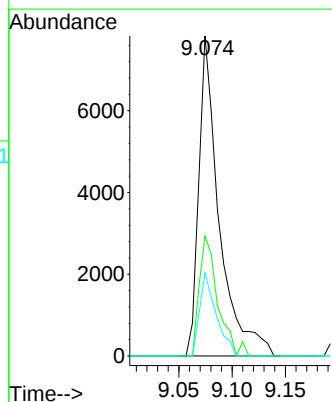
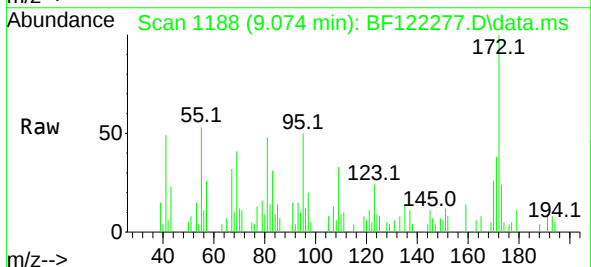
Instrument :
BNA_F
ClientSampled :
T-1

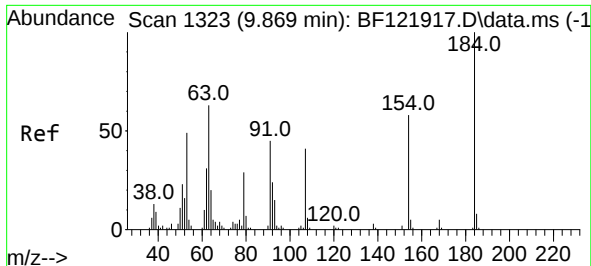
Tgt Ion:330 Resp: 998
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 485.3 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 1.04 ng
RT: 9.074 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

Tgt Ion:172 Resp: 10437
Ion Ratio Lower Upper
172 100
171 37.5 29.1 43.7
170 25.9 19.8 29.6

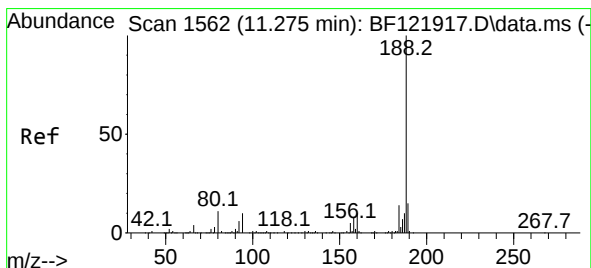
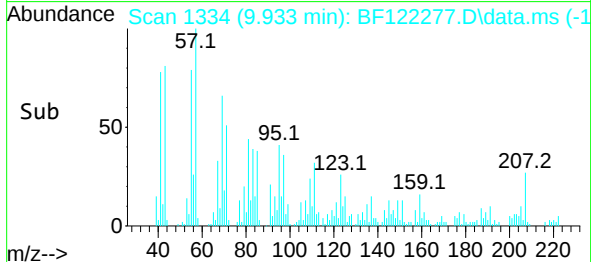
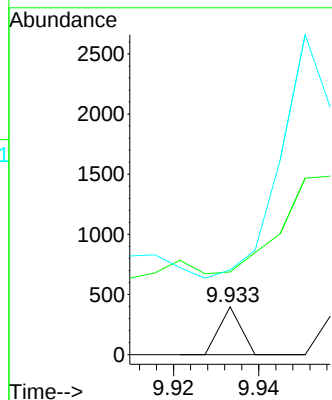
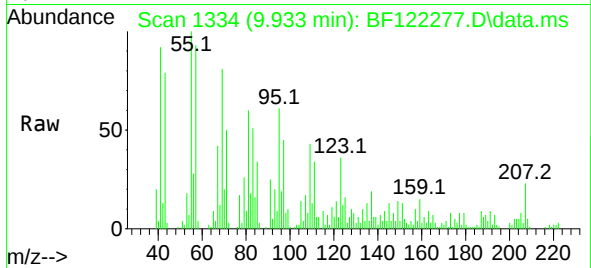




#54
2,4-Dinitrophenol
Concen: 8.79 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.088 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

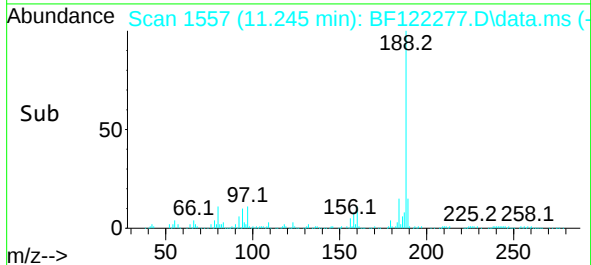
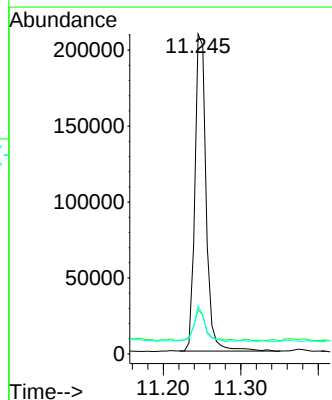
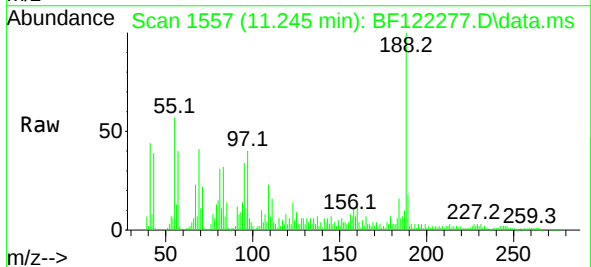
Instrument :
BNA_F
ClientSampled :
T-1

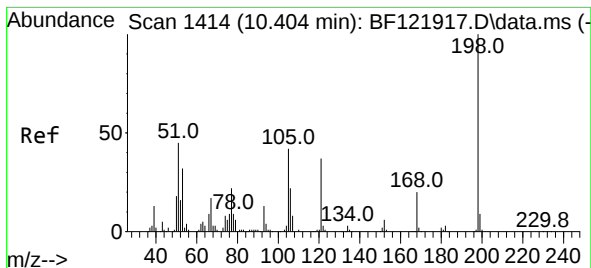
Tgt Ion:184 Resp: 140
Ion Ratio Lower Upper
184 100
63 173.0 45.9 68.9#
154 177.6 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

Tgt Ion:188 Resp: 210038
Ion Ratio Lower Upper
188 100
94 13.9 8.3 12.5#
80 14.9 9.1 13.7#

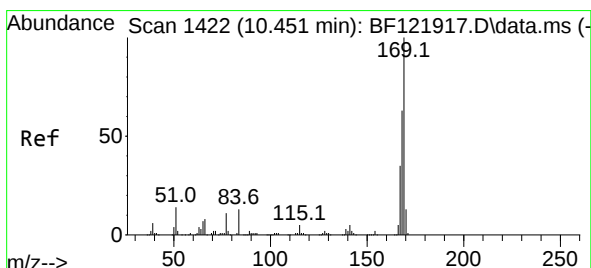
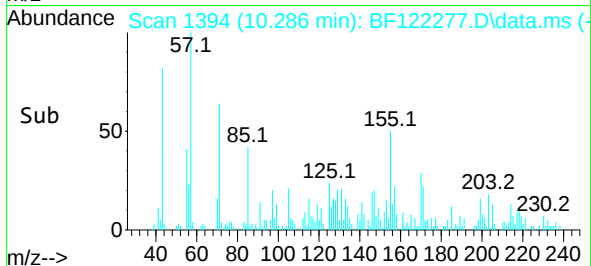
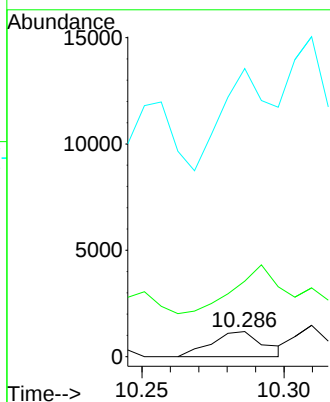
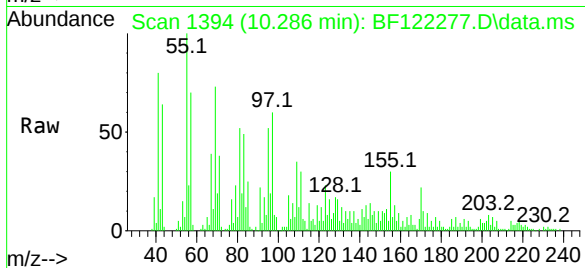




#65
4,6-Dinitro-2-methylphenol
Concen: 5.41 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.088 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

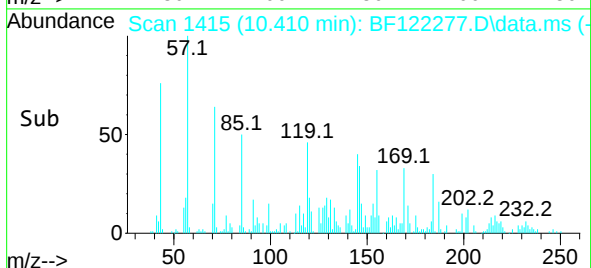
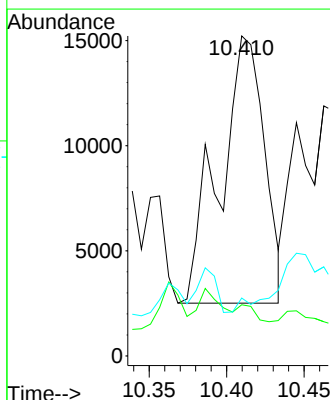
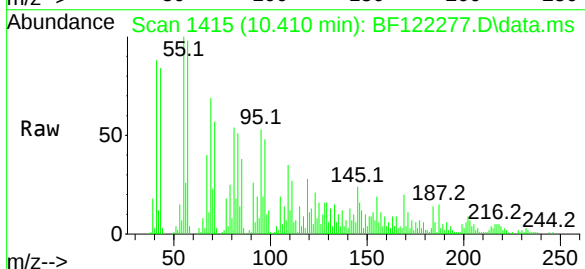
Instrument :
BNA_F
ClientSampleId :
T-1

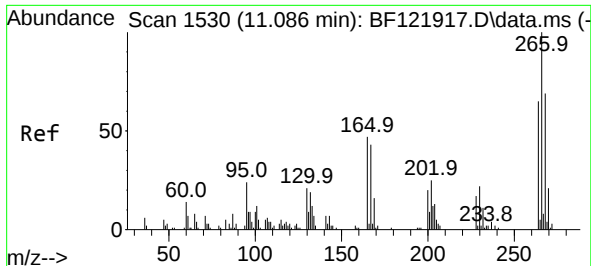
Tgt Ion:198 Resp: 1515
Ion Ratio Lower Upper
198 100
51 300.1 29.6 69.6#
105 1146.0 24.4 64.4#



#66
n-Nitrosodiphenylamine
Concen: 3.52 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

Tgt Ion:169 Resp: 25444
Ion Ratio Lower Upper
169 100
168 16.0 50.0 75.0#
167 18.1 27.8 41.6#

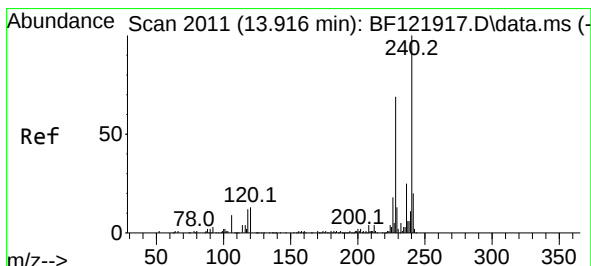
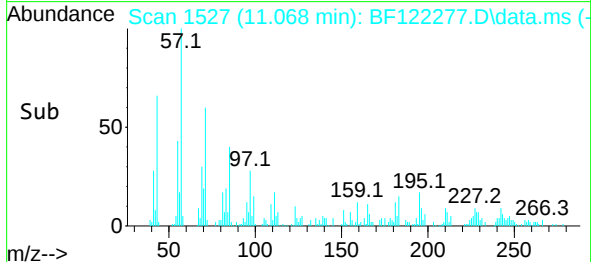
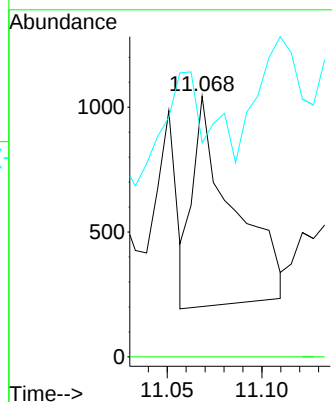
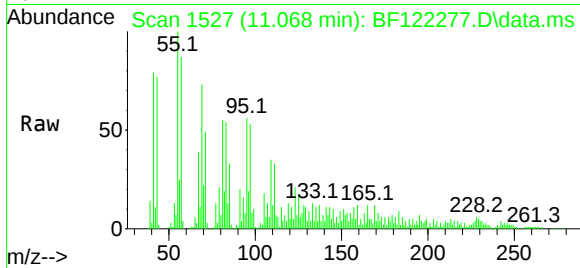




#70
Pentachlorophenol
Concen: 8.99 ng
RT: 11.068 min Scan# 1527
Delta R.T. 0.012 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

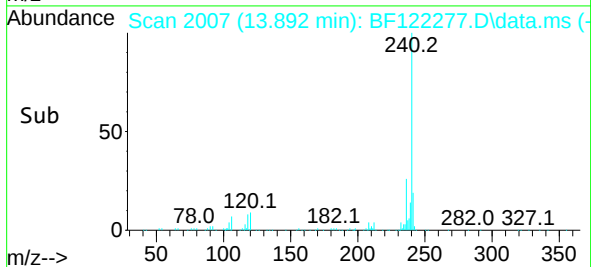
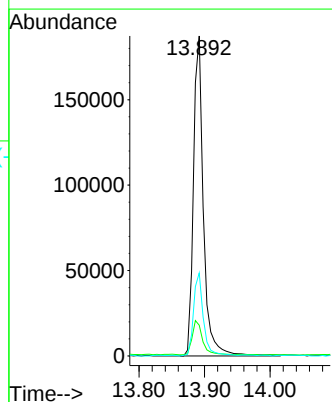
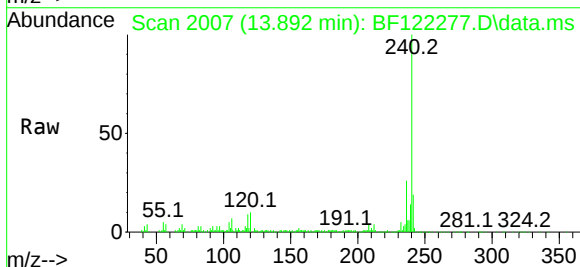
Instrument :
BNA_F
ClientSampled :
T-1

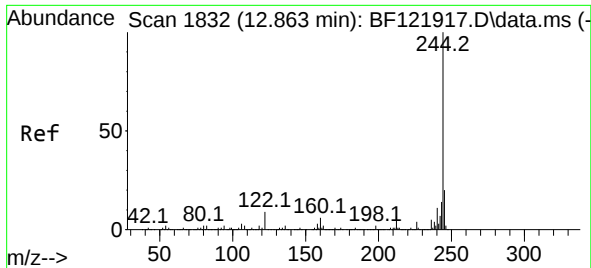
Tgt Ion:266 Resp: 1251
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 82.2 49.9 74.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

Tgt Ion:240 Resp: 199288
Ion Ratio Lower Upper
240 100
120 9.6 9.2 13.8
236 26.0 20.9 31.3

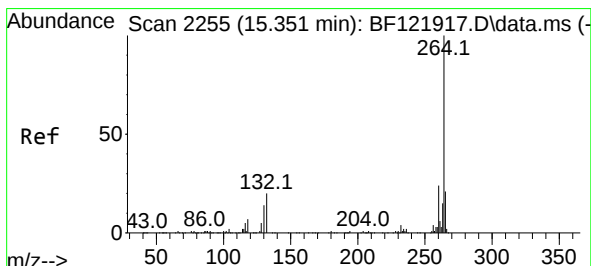
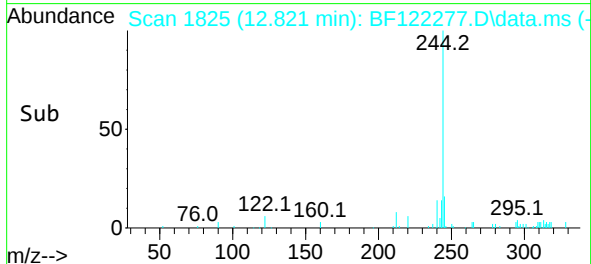
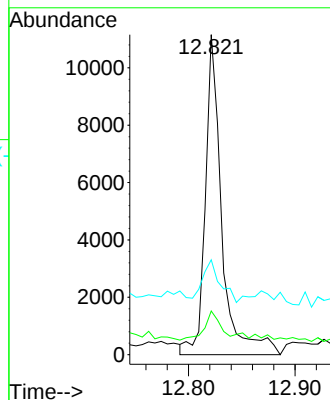
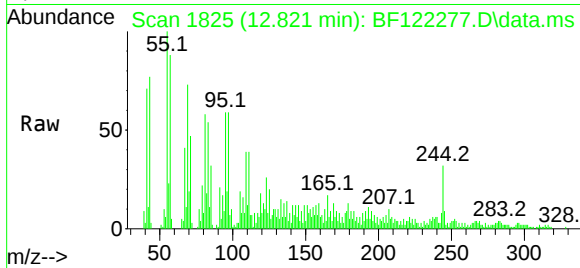




#79
Terphenyl-d14
Concen: 1.14 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

Instrument :
BNA_F
ClientSampled :
T-1

Tgt Ion:244 Resp: 11968
Ion Ratio Lower Upper
244 100
212 13.6 5.4 8.2#
122 29.7 8.1 12.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.035 min
Lab File: BF122277.D
Acq: 4 Nov 2020 22:22

Tgt Ion:264 Resp: 165361
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 20.5 17.3 25.9

