

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122111.D
 Acq On : 23 Oct 2020 21:24
 Operator : JU/CG
 Sample : L4487-04 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-90

Quant Time: Oct 23 23:37:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

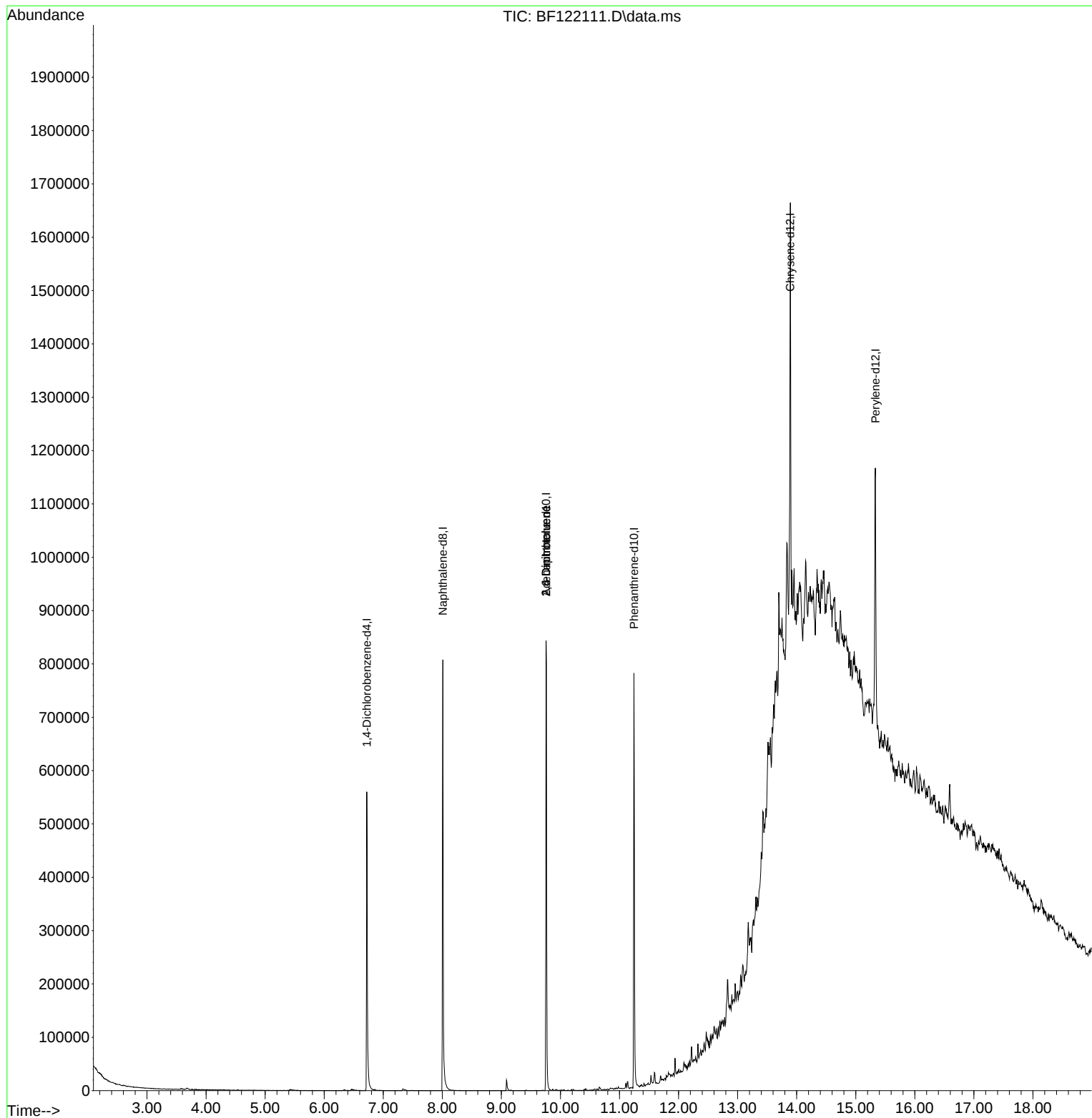
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	94708	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	384097	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	184711	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	299259	20.00	ng	0.00
76) Chrysene-d12	13.892	240	226713	20.00	ng	0.00
86) Perylene-d12	15.333	264	232597	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2703	0.42	ng	0.09
7) Phenol-d6	6.457	99	6557	0.79	ng	0.08
23) Nitrobenzene-d5	7.328	82	4795	0.64	ng	0.02
42) 2,4,6-Tribromophenol	10.575	330	828	0.36	ng	0.02
45) 2-Fluorobiphenyl	9.086	172	11654	0.93	ng	0.00
79) Terphenyl-d14	12.833	244	9910	0.83	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.757	165	23242	7.84	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	23242	6.37	ng	# 20

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

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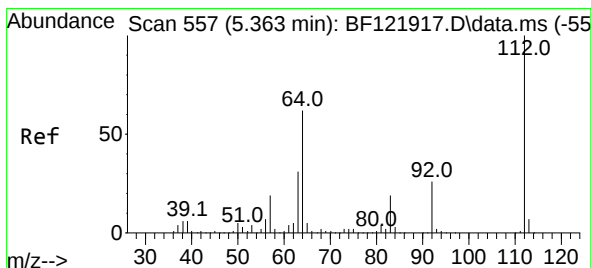
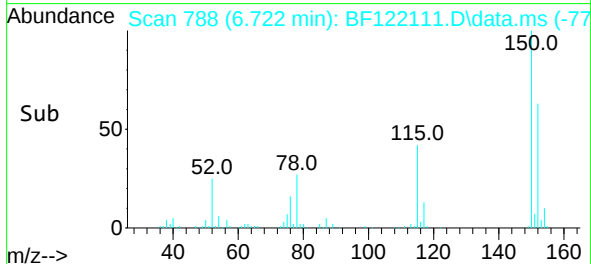
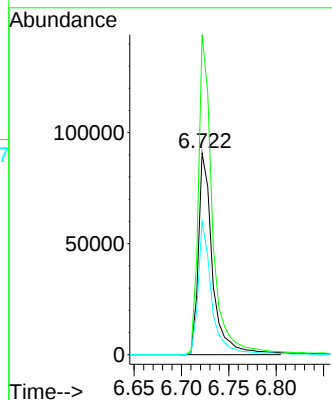
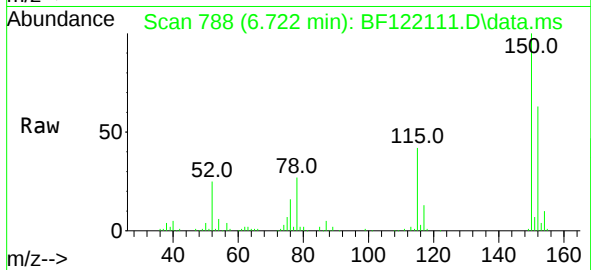




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

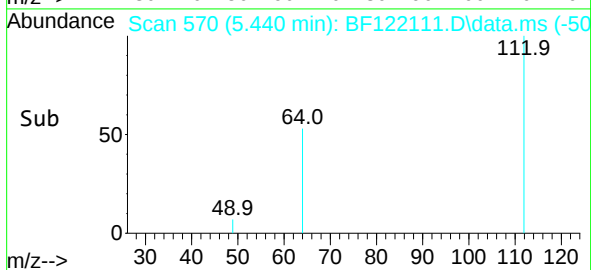
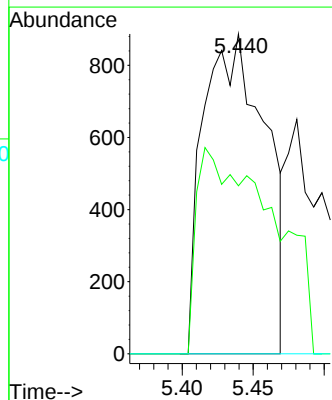
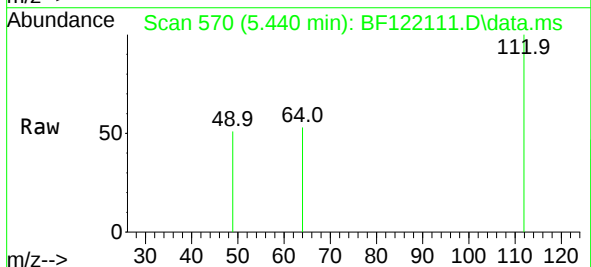
Instrument :
BNA_F
ClientSampleId :
D-90

Tgt Ion:152 Resp: 94708
Ion Ratio Lower Upper
152 100
150 158.9 125.3 187.9
115 66.4 51.9 77.9



#5
2-Fluorophenol
Concen: 0.42 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.094 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

Tgt Ion:112 Resp: 2703
Ion Ratio Lower Upper
112 100
64 52.5 50.4 75.6
63 0.0 25.8 38.6#

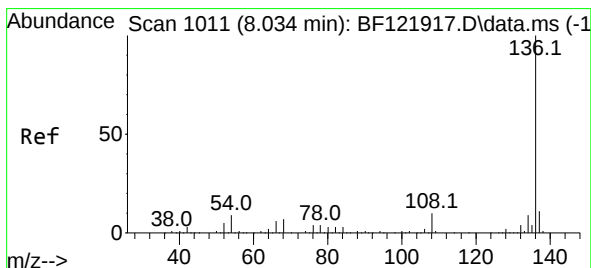
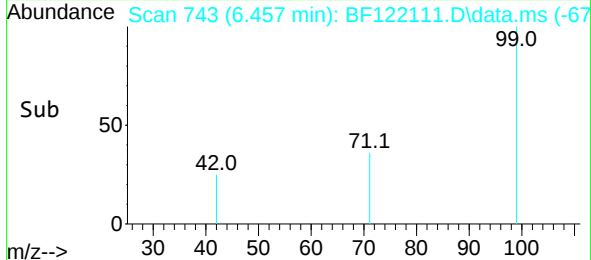
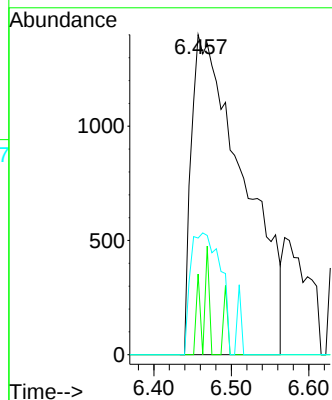
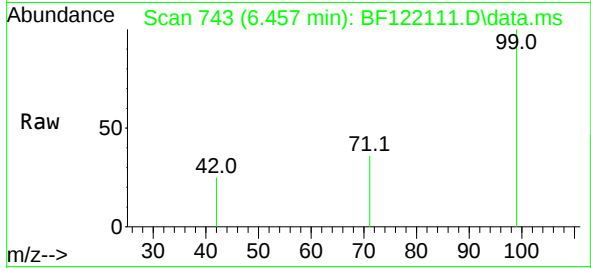




#7
Phenol-d6
Concen: 0.79 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.076 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

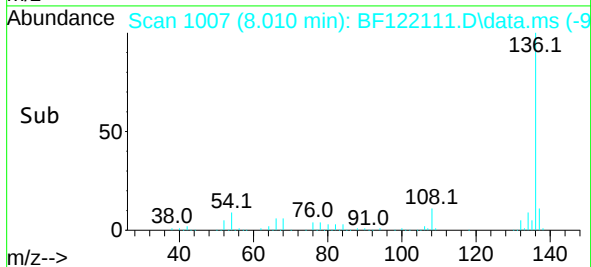
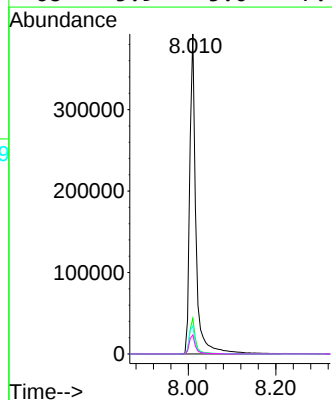
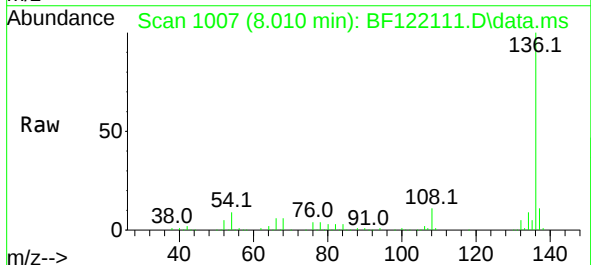
Instrument :
BNA_F
ClientSampleId :
D-90

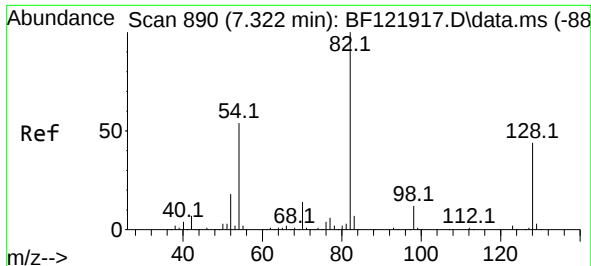
Tgt Ion: 99 Resp: 6557
Ion Ratio Lower Upper
99 100
42 25.2 15.9 23.9#
71 36.5 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

Tgt Ion: 136 Resp: 384097
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.8 7.1 10.7
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.64 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.023 min

Lab File: BF122111.D

Acq: 23 Oct 2020 21:24

Tgt Ion: 82 Resp: 4795

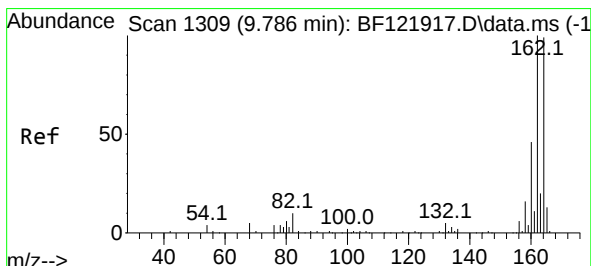
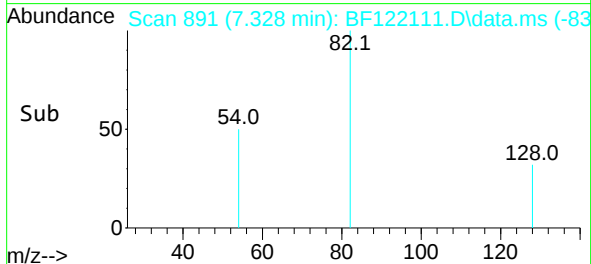
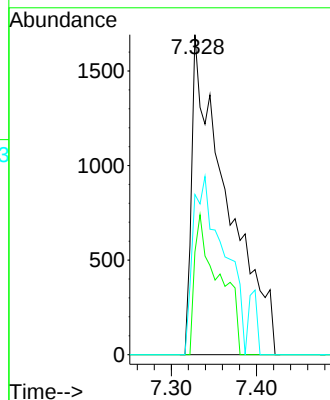
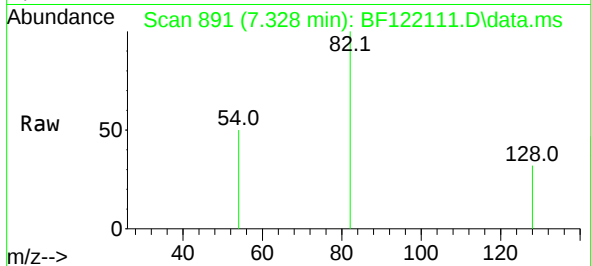
Ion	Ratio	Lower	Upper
82	100		
128	32.1	35.0	52.4#
54	50.1	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

D-90



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.757 min Scan# 1304

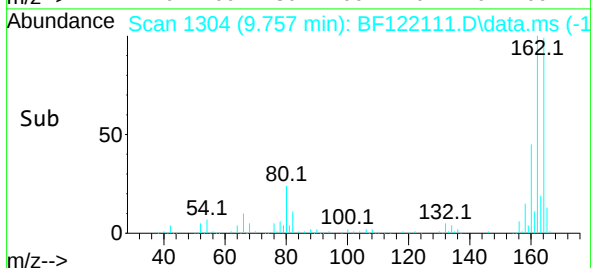
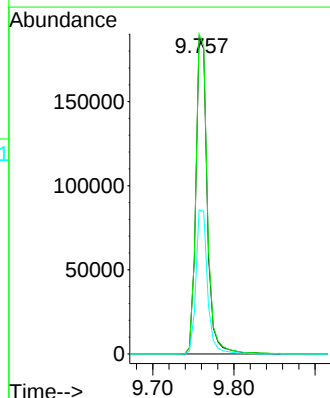
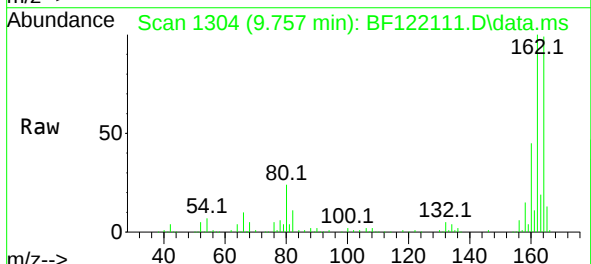
Delta R.T. -0.006 min

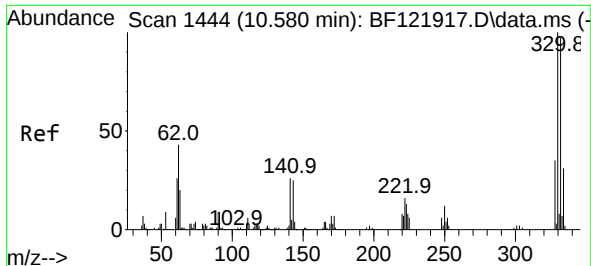
Lab File: BF122111.D

Acq: 23 Oct 2020 21:24

Tgt Ion:164 Resp: 184711

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.2	124.8
160	45.5	37.5	56.3

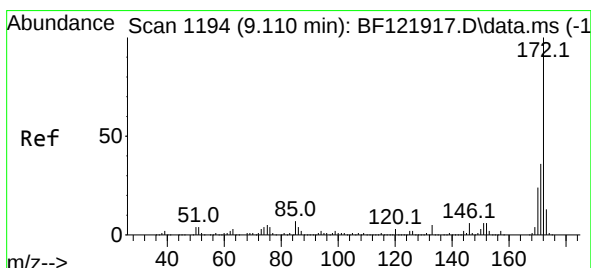
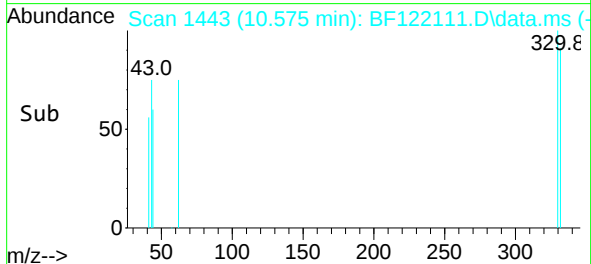
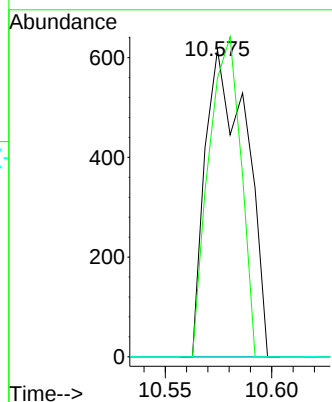
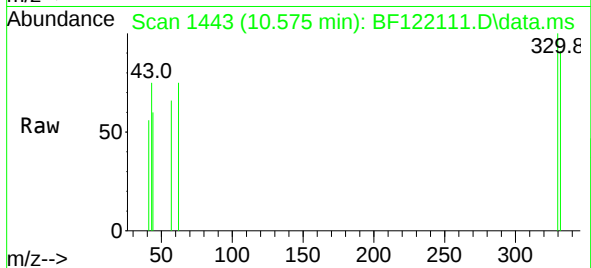




#42
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.018 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

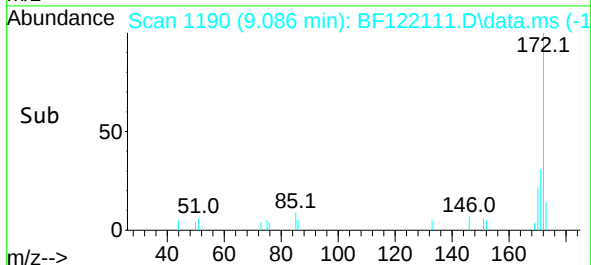
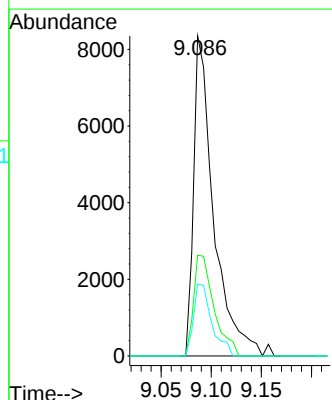
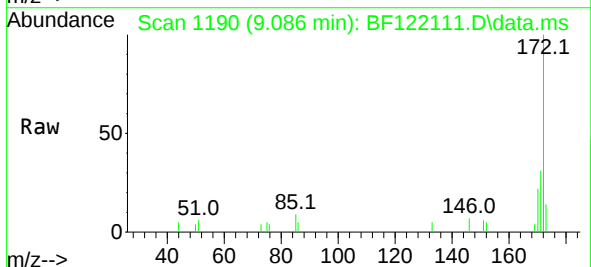
Instrument :
BNA_F
ClientSampleId :
D-90

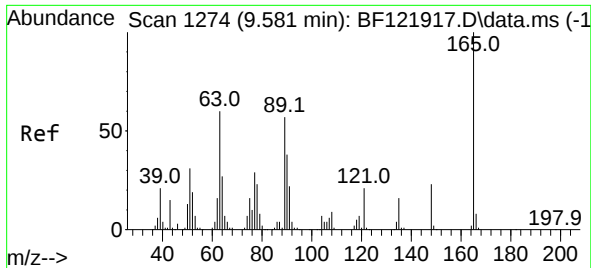
Tgt Ion: 330 Resp: 828
Ion Ratio Lower Upper
330 100
332 80.9 77.3 115.9
141 0.0 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

Tgt Ion: 172 Resp: 11654
Ion Ratio Lower Upper
172 100
171 31.5 29.1 43.7
170 22.5 19.8 29.6

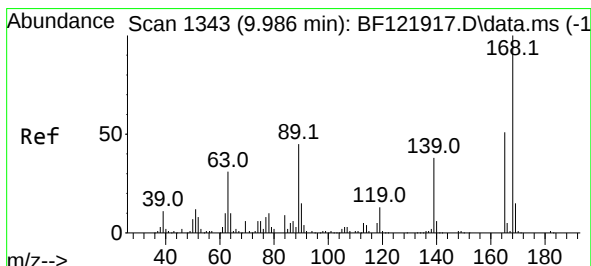
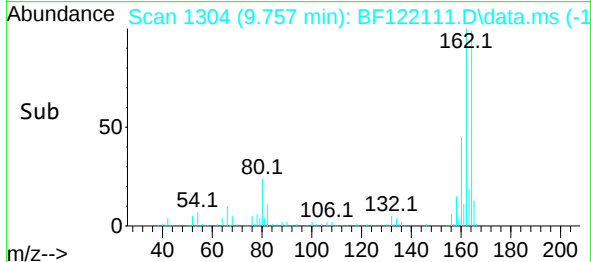
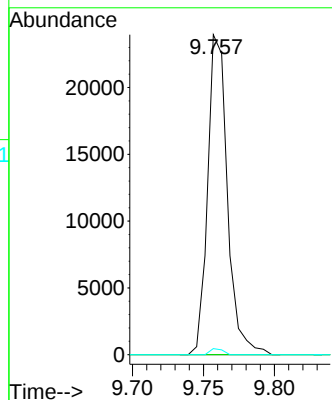
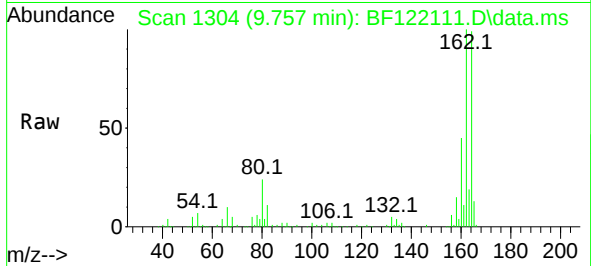




#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.194 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

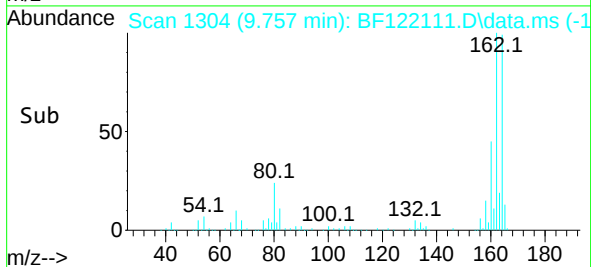
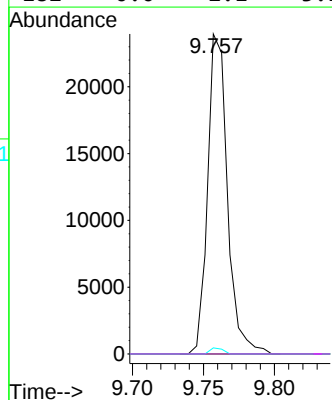
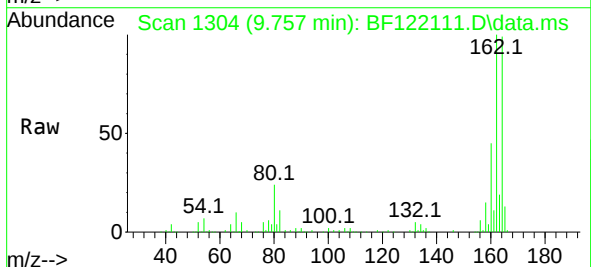
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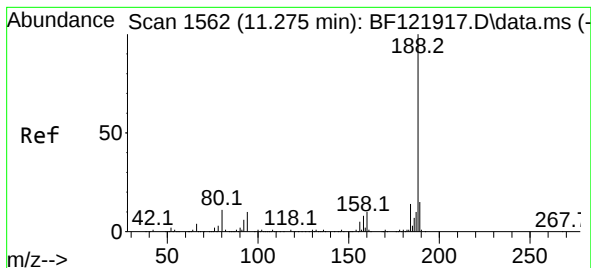
Tgt Ion:165 Resp: 23242
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 1.9 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

Tgt Ion:165 Resp: 23242
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 1.9 61.8 92.8#
182 0.0 2.1 3.1#

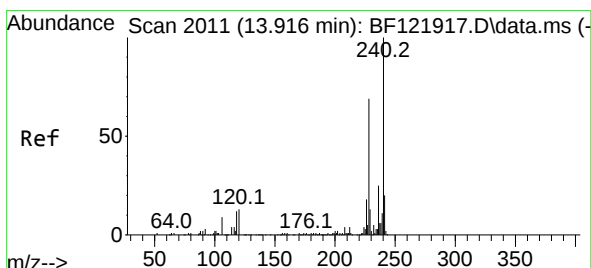
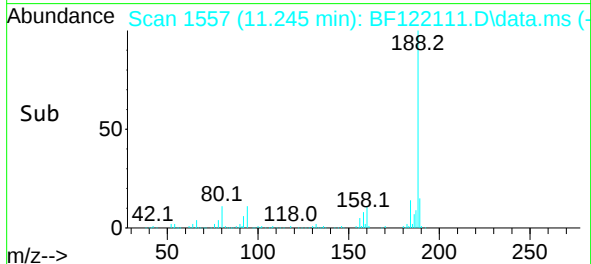
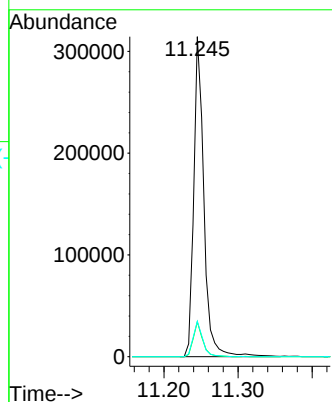
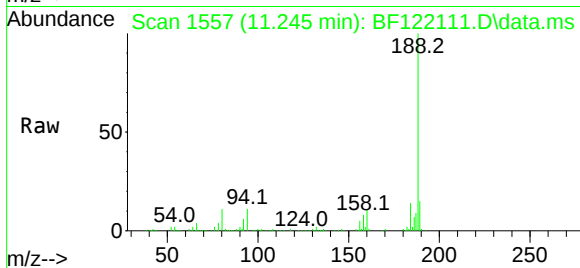




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

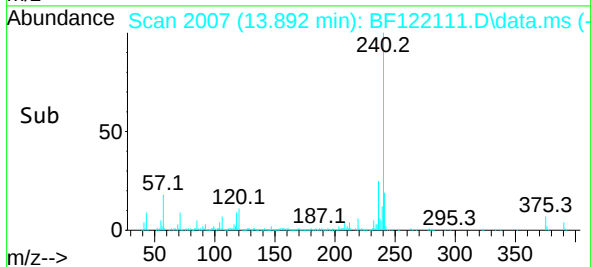
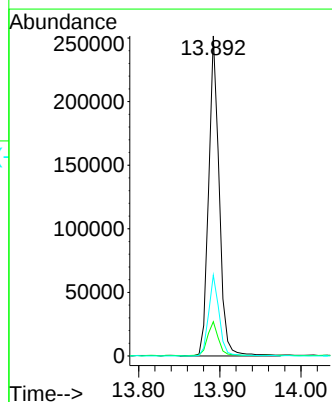
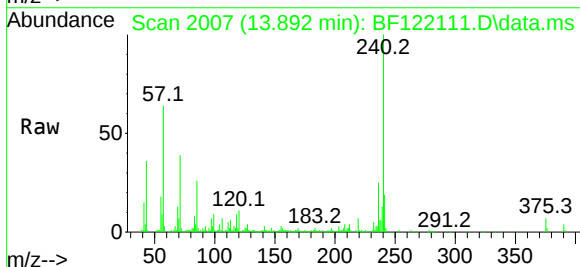
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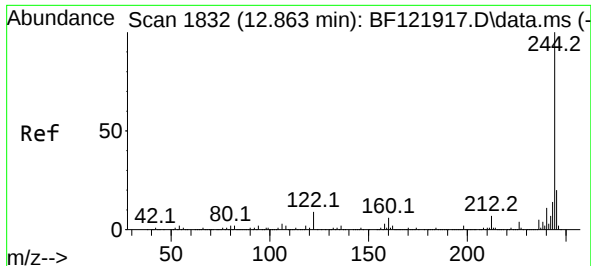
Tgt Ion:188 Resp: 299259
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.1 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

Tgt Ion:240 Resp: 226713
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.3 20.9 31.3

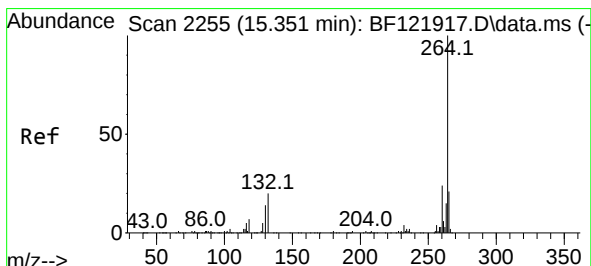
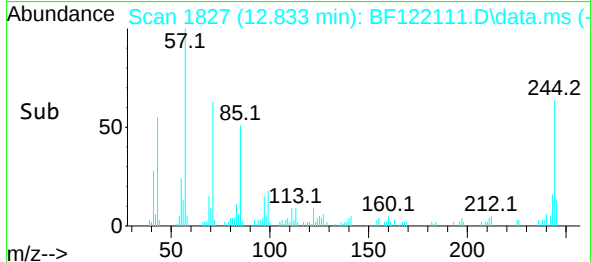
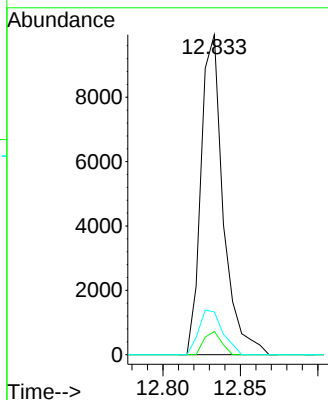
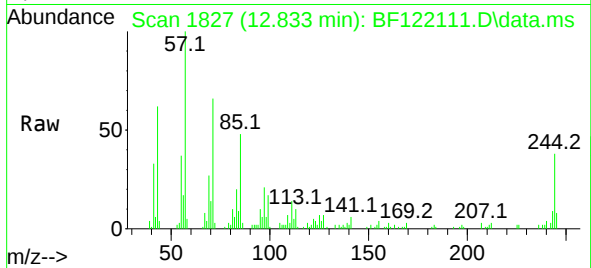




#79
Terphenyl-d14
Concen: 0.83 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

Instrument :
BNA_F
ClientSampled :
D-90

Tgt Ion:244 Resp: 9910
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 13.3 8.1 12.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.018 min
Lab File: BF122111.D
Acq: 23 Oct 2020 21:24

Tgt Ion:264 Resp: 232597
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.3 17.3 25.9

