

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120664.D
 Acq On : 19 Jun 2020 15:27
 Operator : JU/CG
 Sample : L3020-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(13-15)

Quant Time: Jun 19 16:25:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

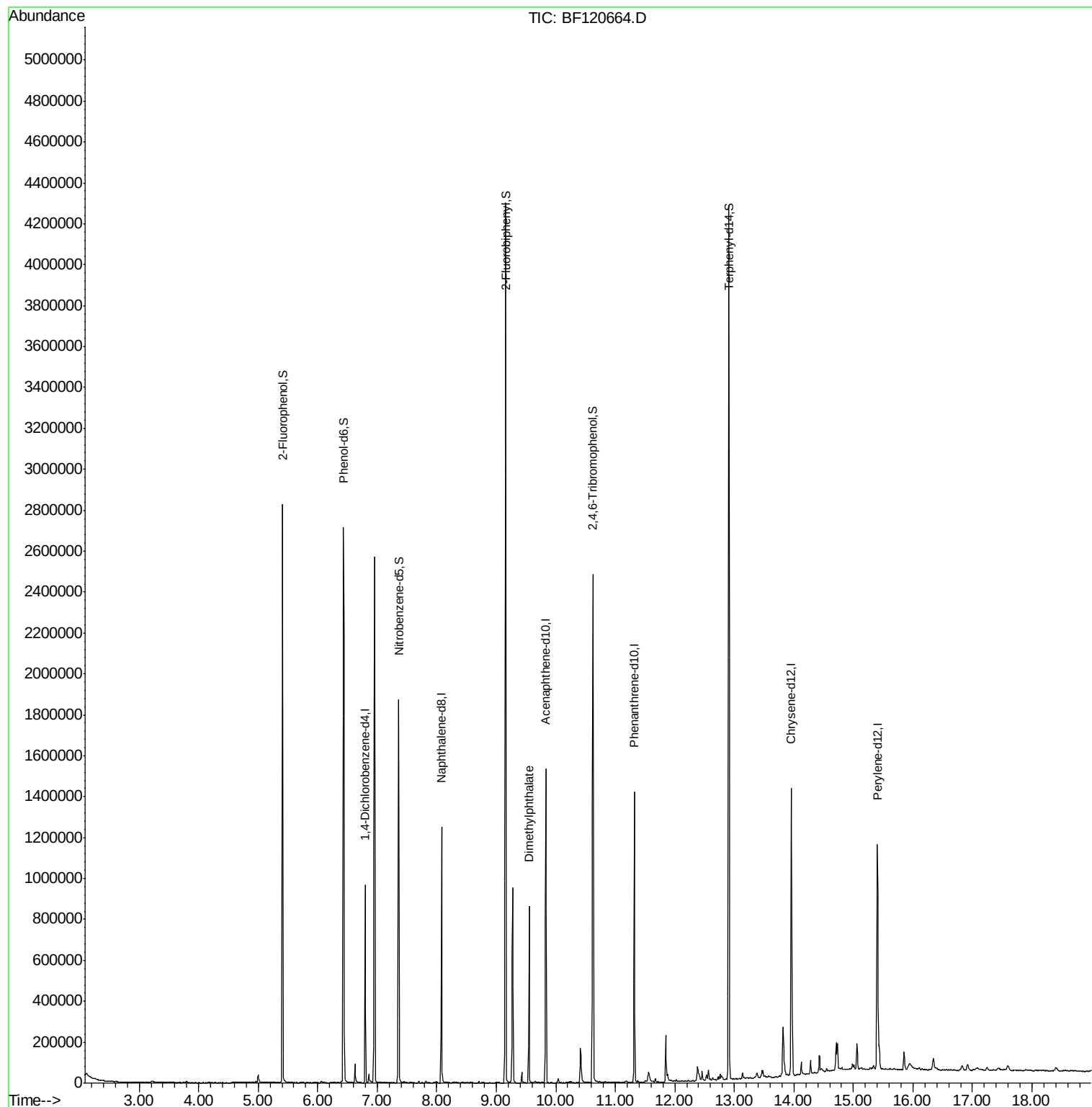
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138290	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	531619	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	280322	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	558442	20.00	ng	0.00
76) Chrysene-d12	13.96	240	491045	20.00	ng	0.00
86) Perylene-d12	15.40	264	506143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	796283	98.72	ng	0.00
7) Phenol-d6	6.43	99	1019403	101.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	652109	68.57	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	341479	104.78	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1263966	68.99	ng	0.00
79) Terphenyl-d14	12.91	244	1638885	73.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	333246	16.506	ng	Qvalue 98

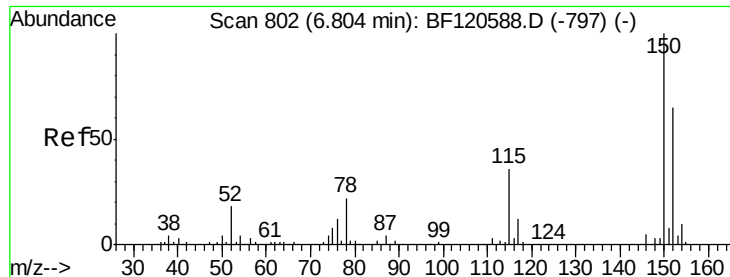
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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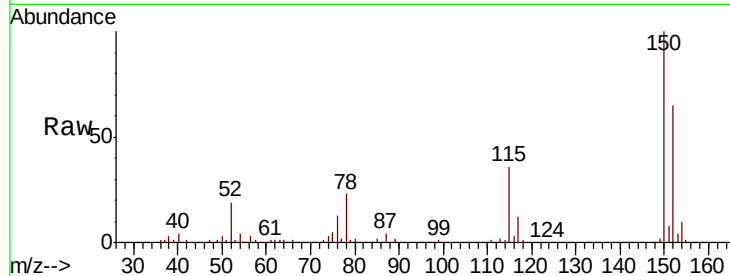


#1

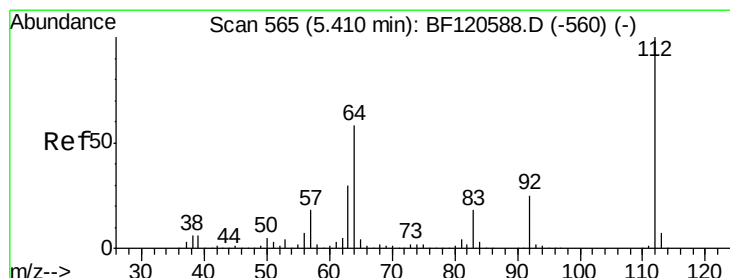
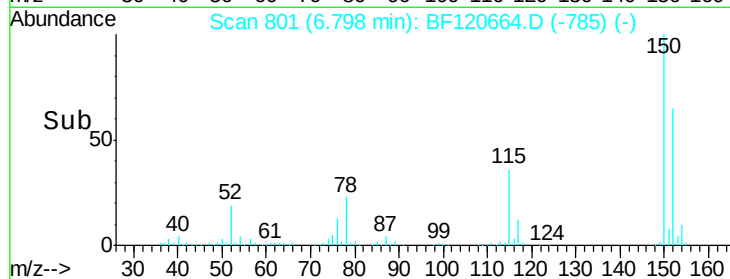
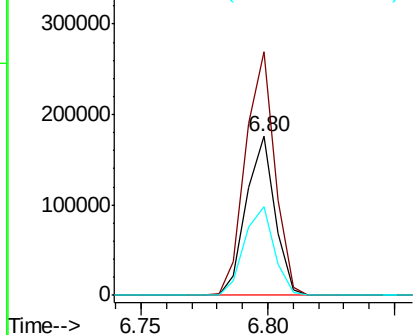
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Instrument :
BNA_F
ClientSampleId :
MW-27(13-15)

Tot Ion:152 Resp: 138290
Ion Ratio Lower Upper
152 100
150 153.1 123.2 184.8
115 55.8 43.9 65.9



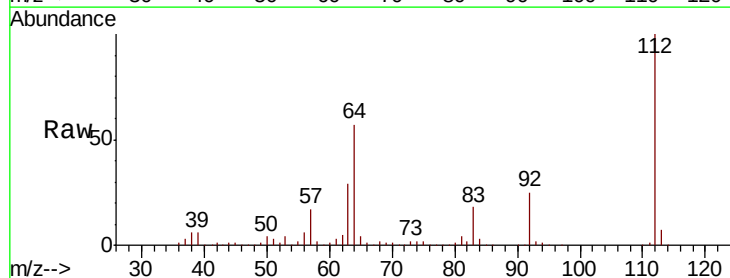
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



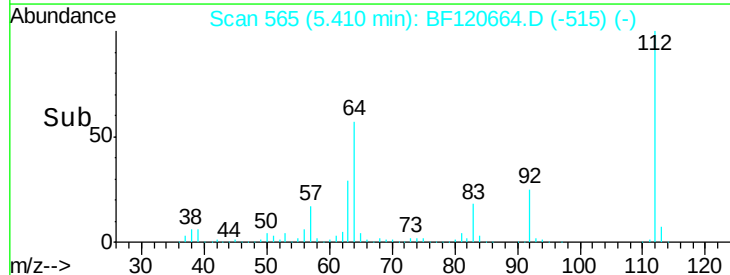
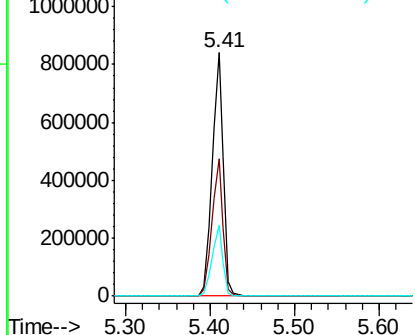
#5

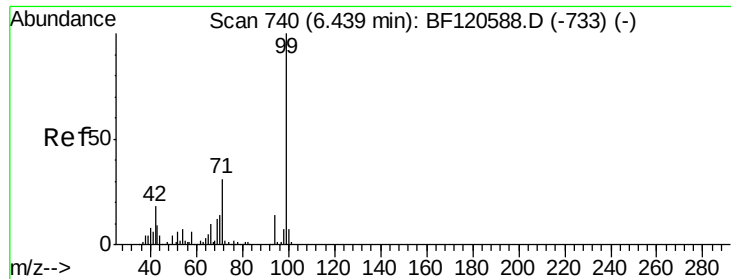
2-Fluorophenol
Concen: 98.719 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Tgt Ion:112 Resp: 796283
Ion Ratio Lower Upper
112 100
64 56.6 46.1 69.1
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.470 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

Instrument :

BNA_F

ClientSampleId :

MW-27(13-15)

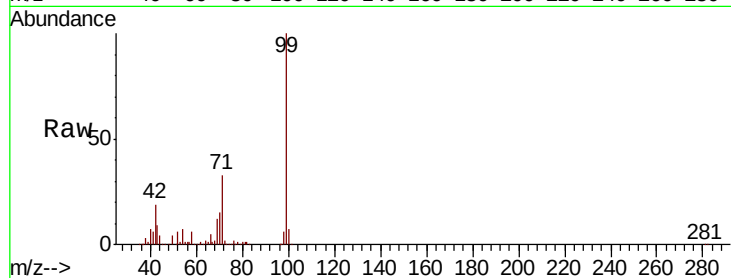
Tot Ion: 99 Resp: 1019403

Ion Ratio Lower Upper

99 100

42 18.5 14.0 21.0

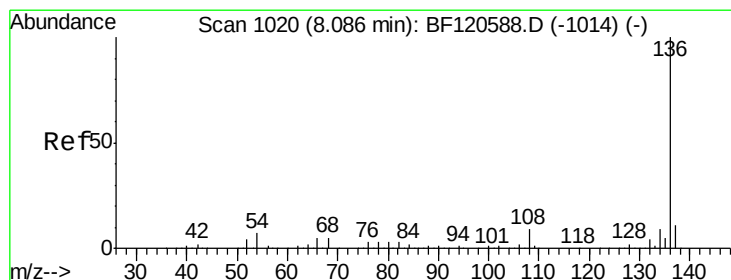
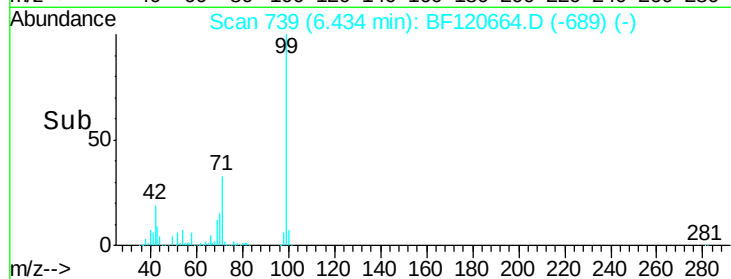
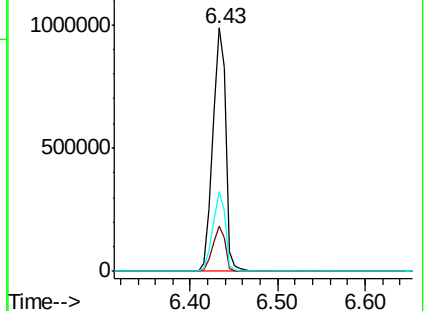
71 32.9 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

Tgt Ion: 136 Resp: 531619

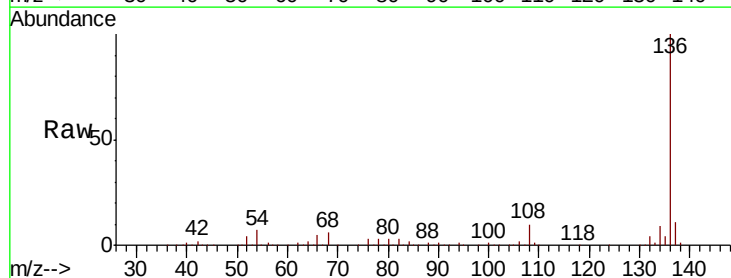
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.1 5.8 8.6

68 5.8 4.4 6.6

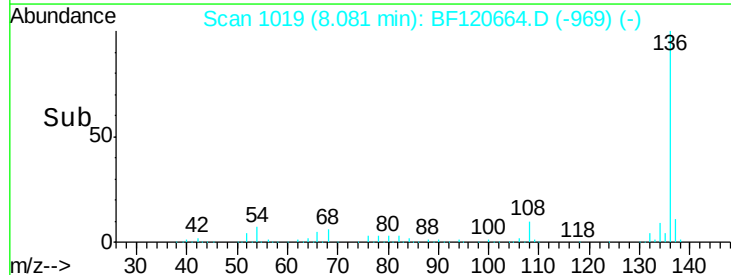
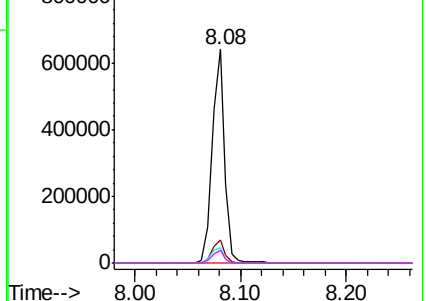


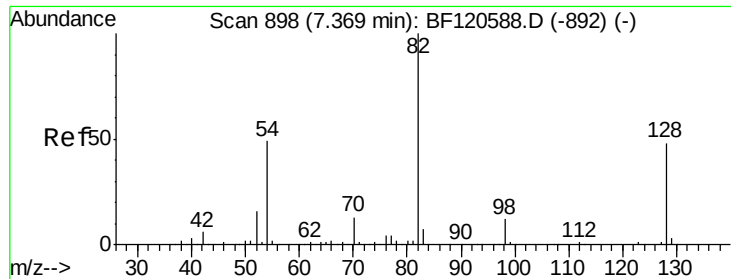
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

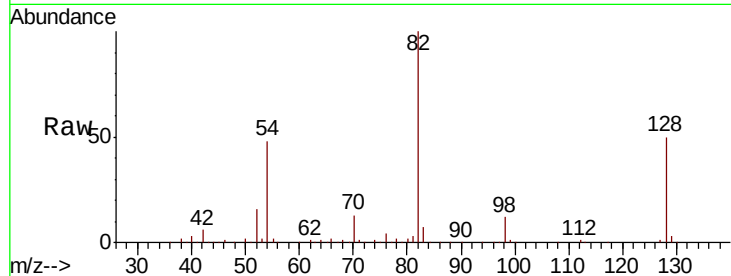




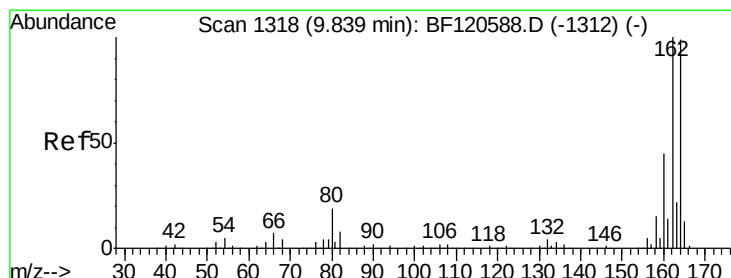
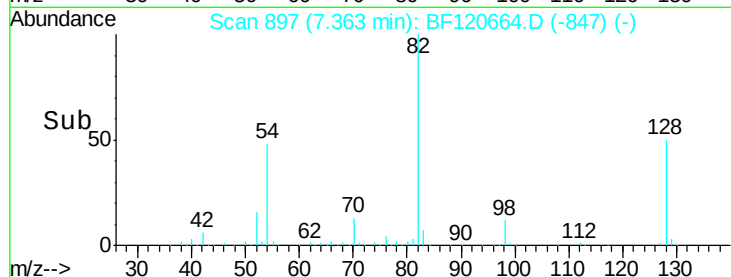
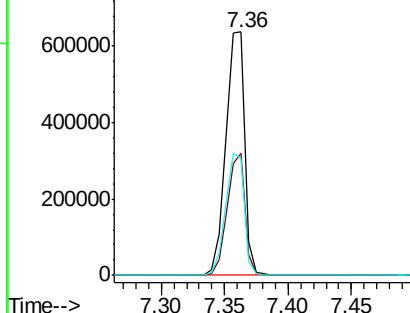
#23
 Nitrobenzene-d5
 Concen: 68.566 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120664.D
 Acq: 19 Jun 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(13-15)

Tot Ion	82	Resp	652109
Ion Ratio	100	Lower	Upper
128	50.3	38.0	57.0
54	48.3	38.8	58.2

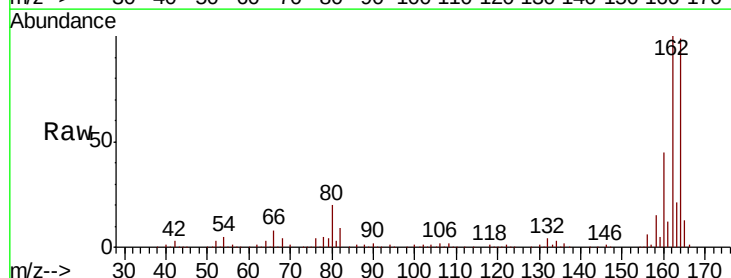


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

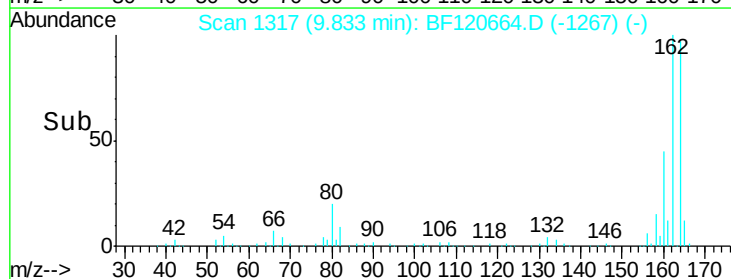
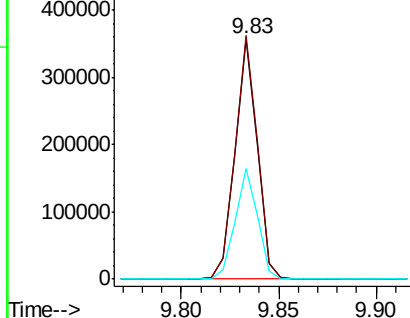


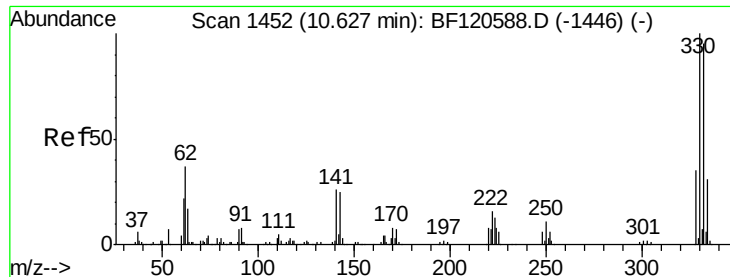
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120664.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	164	Resp	280322
Ion Ratio	100	Lower	Upper
162	101.3	80.6	120.8
160	45.9	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

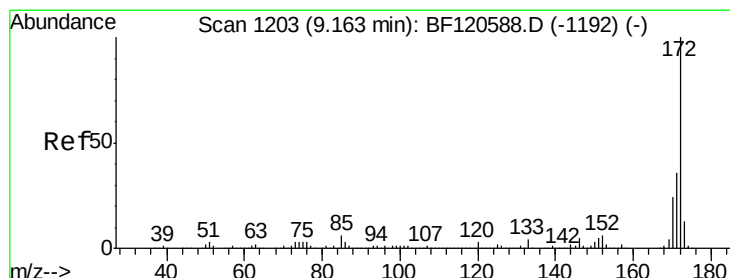
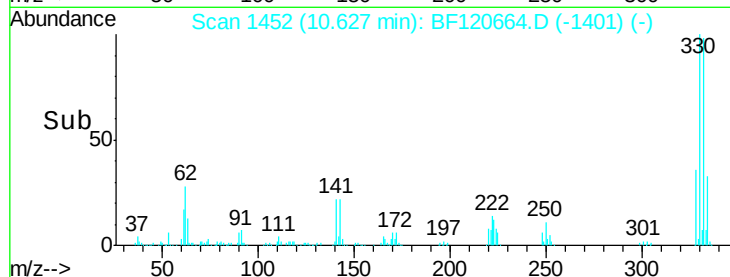
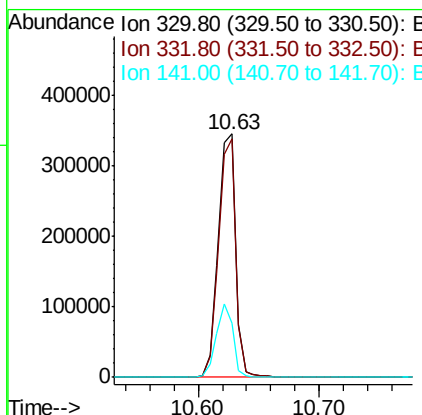
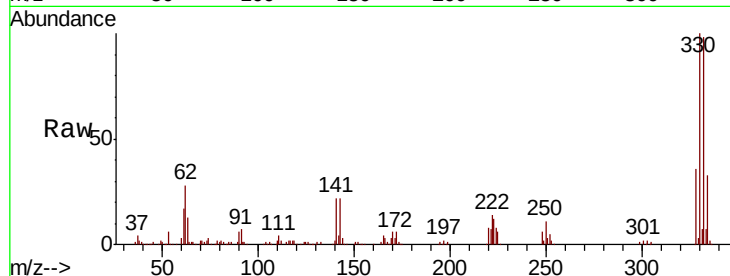




#42
 2,4,6-Tribromophenol
 Concen: 104.776 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120664.D
 Acq: 19 Jun 2020 15:27

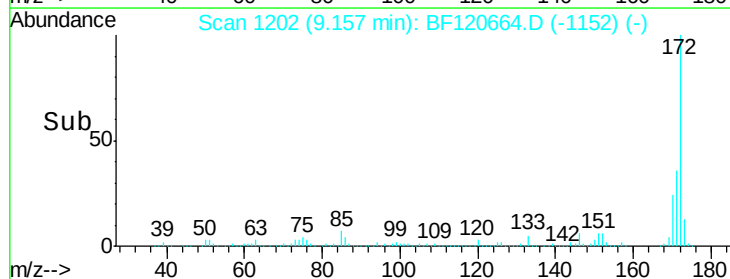
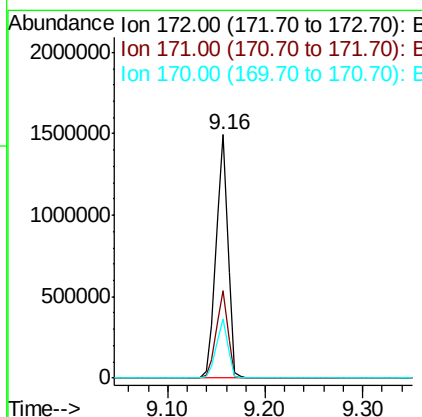
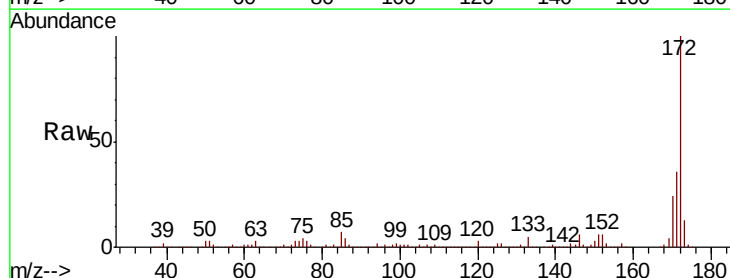
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(13-15)

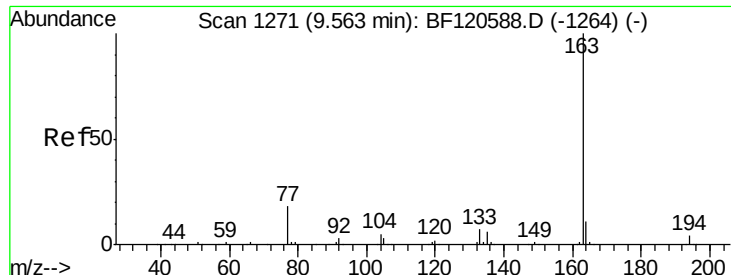
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	29.1	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 68.987 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120664.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.2	19.4	29.2

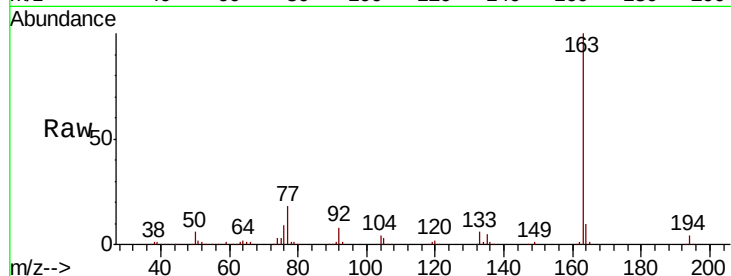




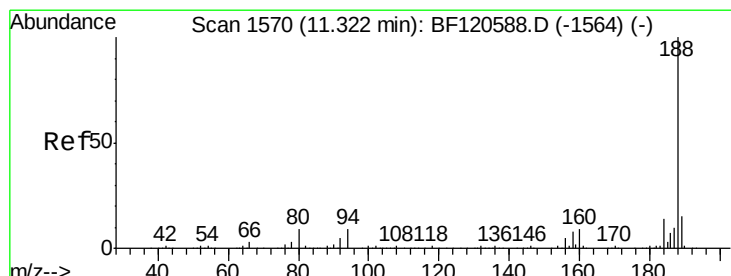
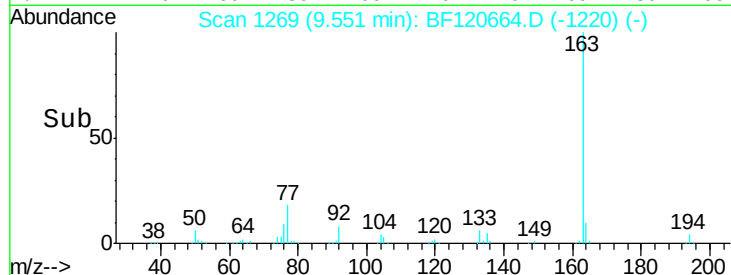
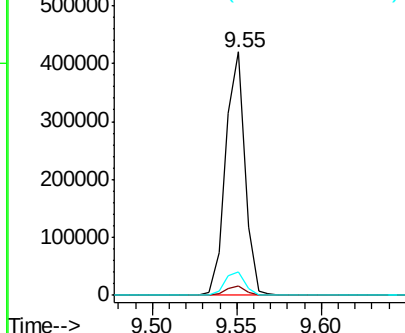
#50
Dimethylphthalate
Concen: 16.506 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Instrument :
BNA_F
ClientSampleId :
MW-27(13-15)

Tot Ion:163 Resp: 333246
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.8 8.5 12.7

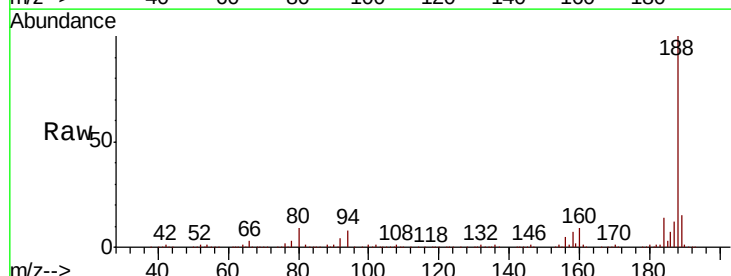


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

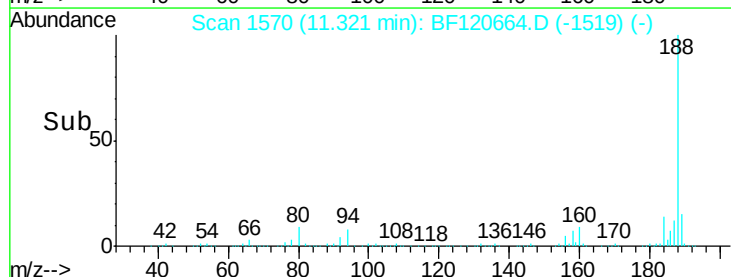
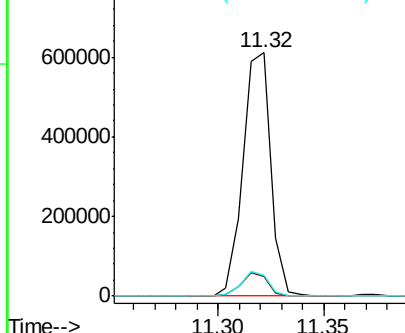


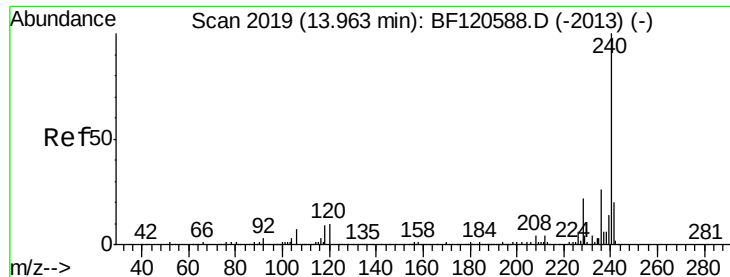
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Tgt Ion:188 Resp: 558442
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.6 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

Instrument :

BNA_F

ClientSampleId :

MW-27(13-15)

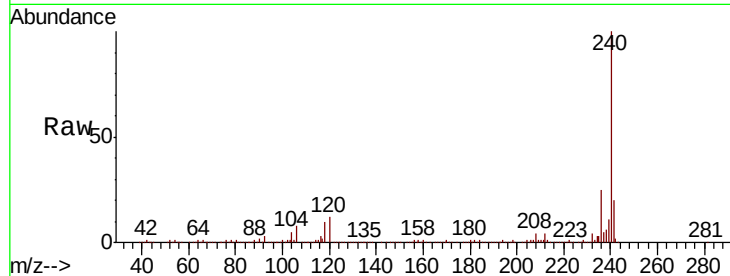
Tot Ion:240 Resp: 491045

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

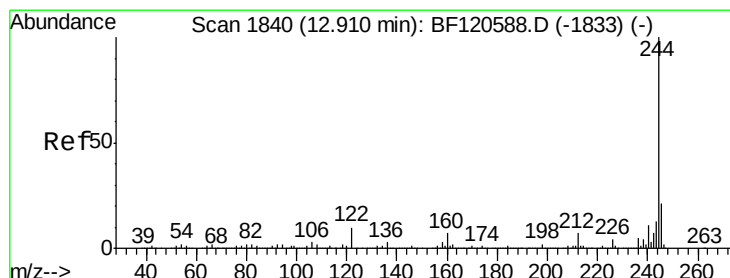
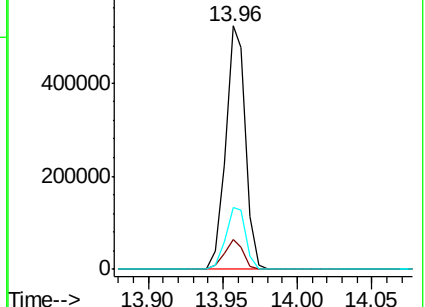
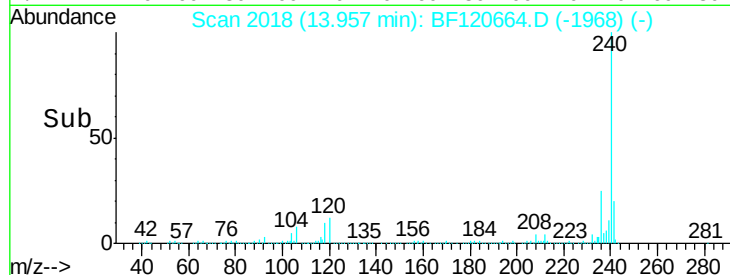
236 25.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 73.722 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

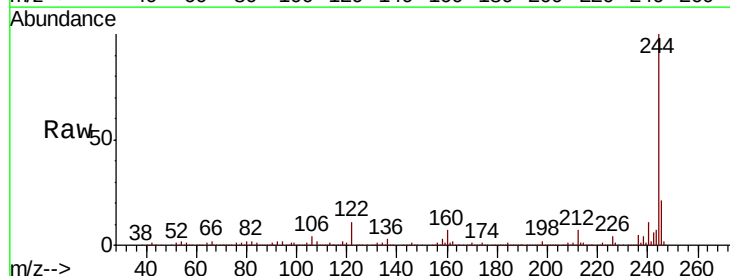
Tgt Ion:244 Resp: 1638885

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

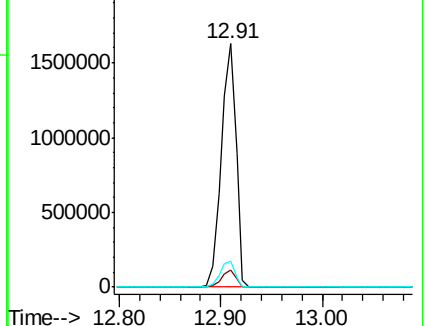
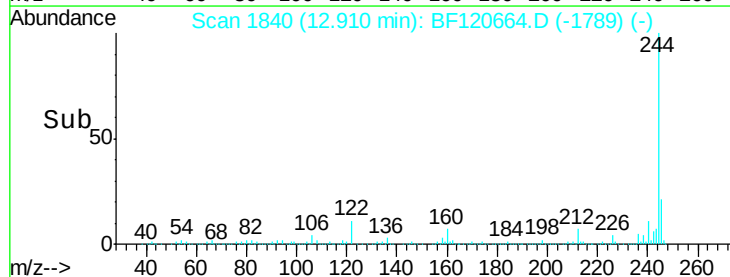
122 10.9 8.3 12.5

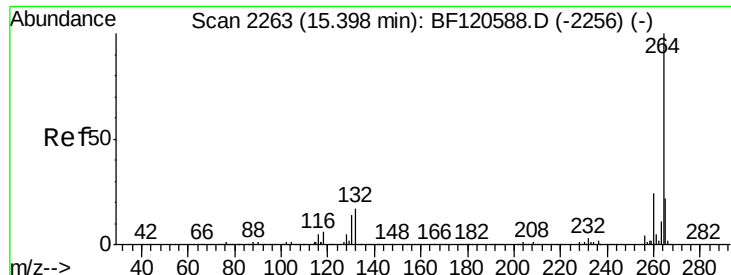


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

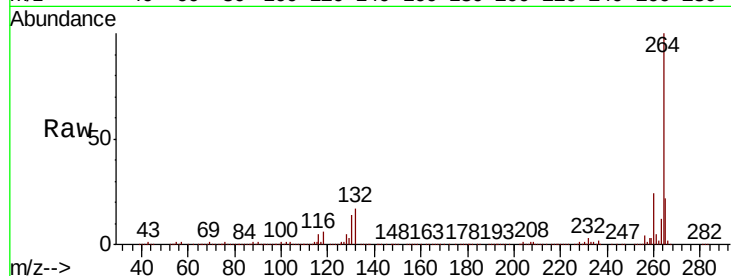




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Instrument :
BNA_F
ClientSampleId :
MW-27(13-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.8	17.8	26.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

