

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115985.D
 Acq On : 5 Aug 2019 17:47
 Operator : HP/JU
 Sample : K4153-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4221

Quant Time: Aug 06 02:31:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

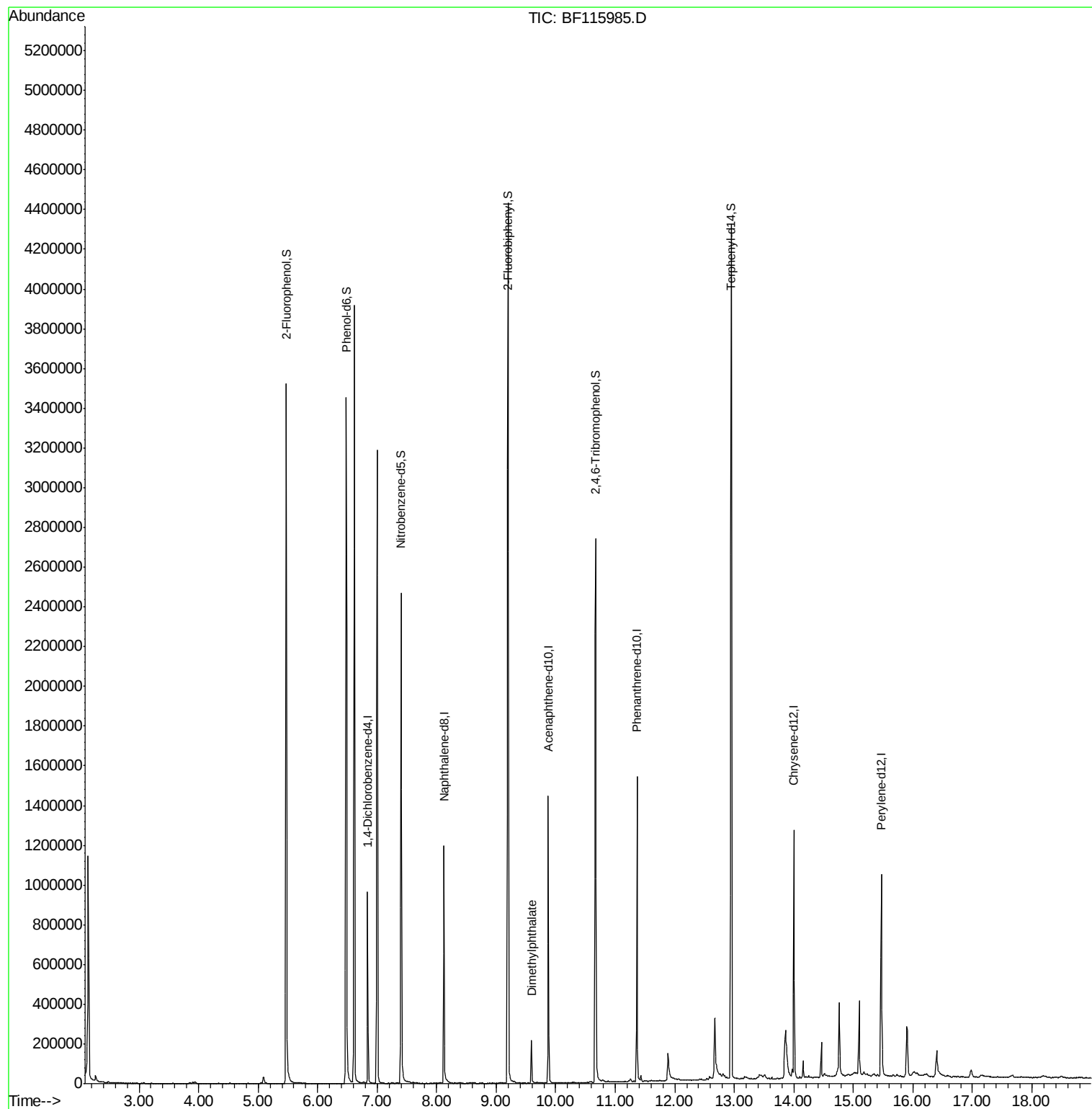
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	144016	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	553584	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	293393	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	535416	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	426589	20.00	ng	-0.02
87) Perylene-d12	15.46	264	375402	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1100228	127.89	ng	0.00
7) Phenol-d6	6.48	99	1461098	134.61	ng	0.00
23) Nitrobenzene-d5	7.40	82	912982	95.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	367967	129.36	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1486021	94.87	ng	-0.02
79) Terphenyl-d14	12.95	244	1666927	82.34	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.59	163	103966	5.204	ng	Qvalue 98

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

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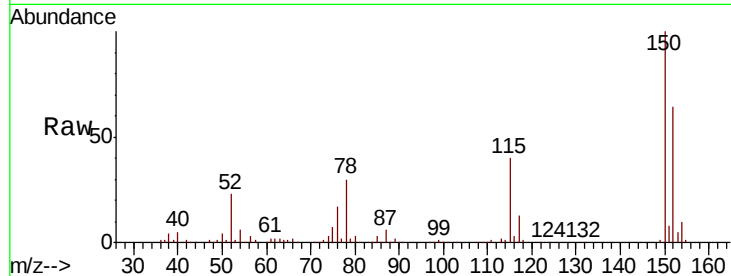


#1

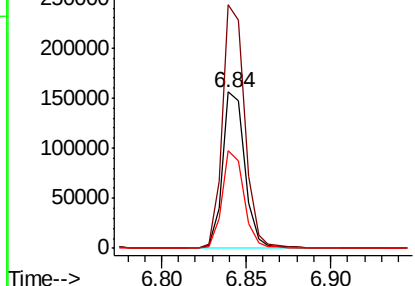
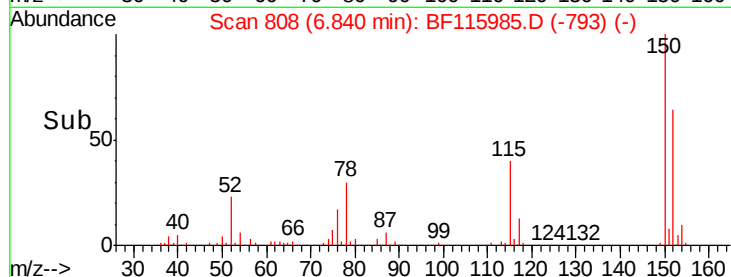
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 RT-4221

Tot Ion:152 Resp: 144016
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.4 191.0
 115 62.8 51.8 77.8



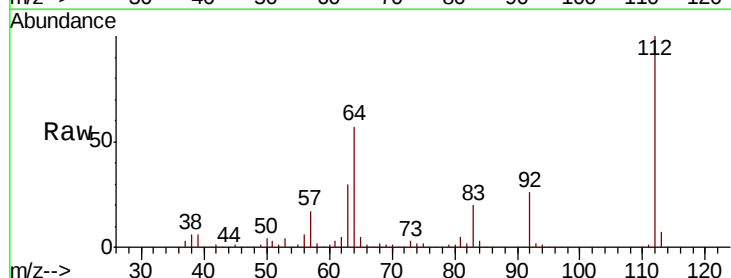
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



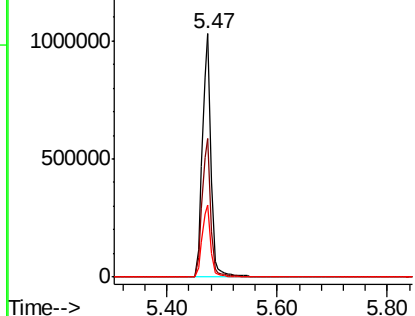
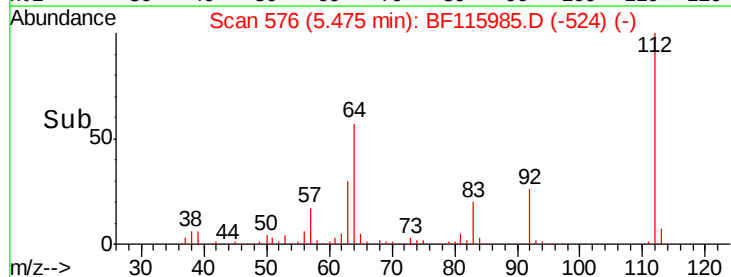
#5

2-Fluorophenol
 Concen: 127.892 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Tgt Ion:112 Resp: 1100228
 Ion Ratio Lower Upper
 112 100
 64 56.9 46.8 70.2
 63 29.7 24.2 36.2



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: 134.615 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

Instrument :

BNA_F

ClientSampleId :

RT-4221

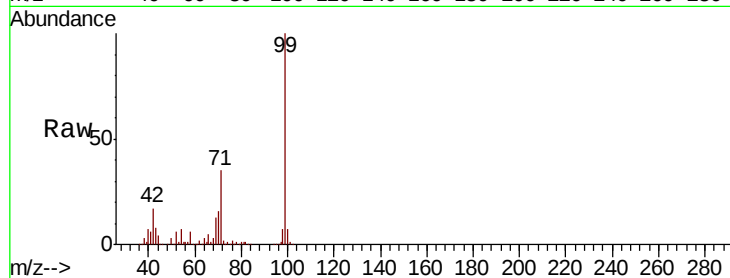
Tot Ion: 99 Resp: 1461098

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

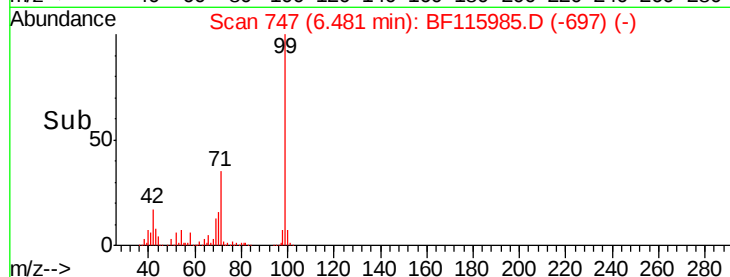
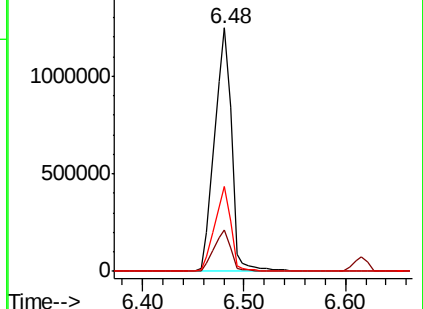
71 34.6 27.1 40.7



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

Tgt Ion: 136 Resp: 553584

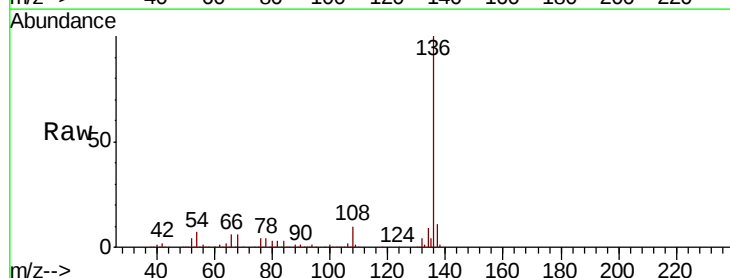
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.3 6.1 9.1

68 6.3 5.4 8.2

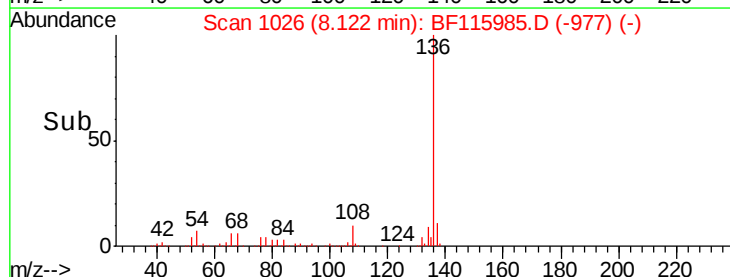
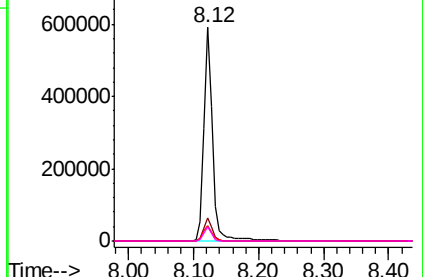


Abundance Ion 136.00 (135.70 to 136.70): E

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

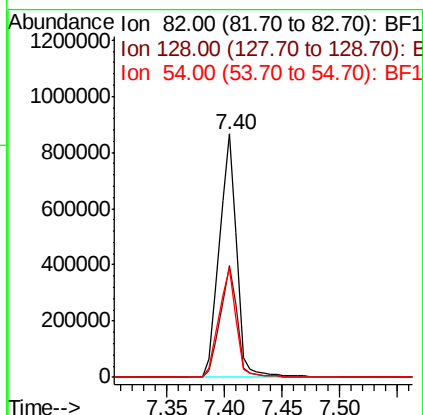
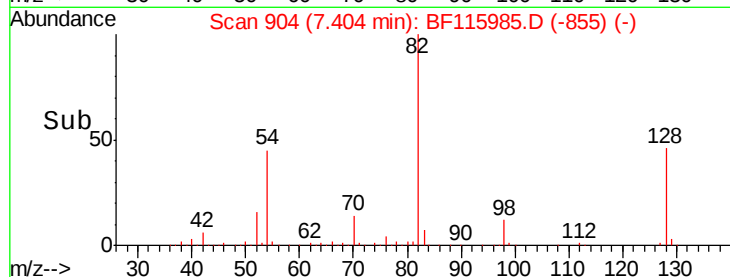
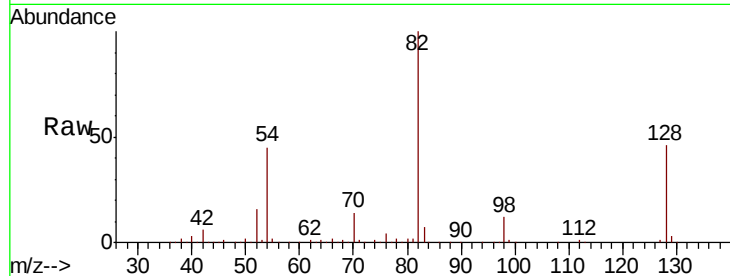




#23
 Nitrobenzene-d5
 Concen: 95.198 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

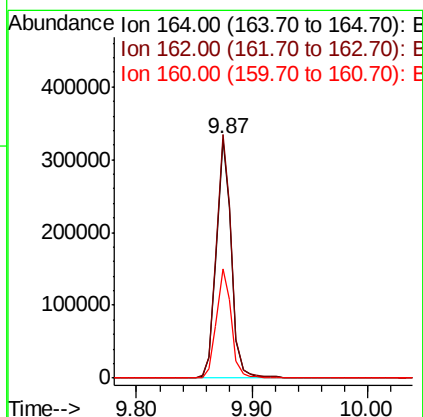
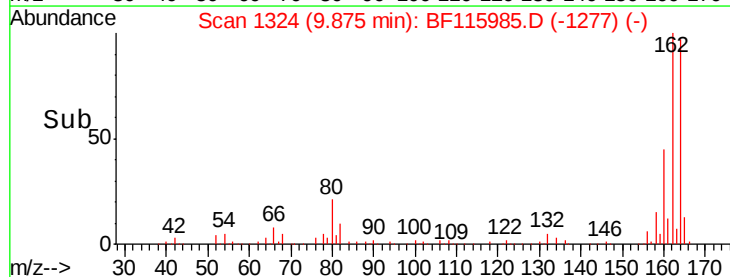
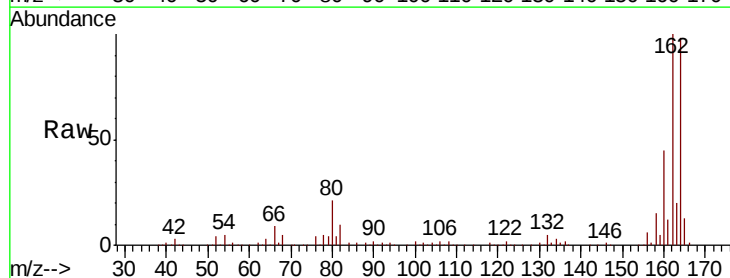
Instrument :
 BNA_F
 ClientSampleId :
 RT-4221

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.6	55.0
54	45.1	36.6	55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.8	121.2
160	45.8	36.2	54.4

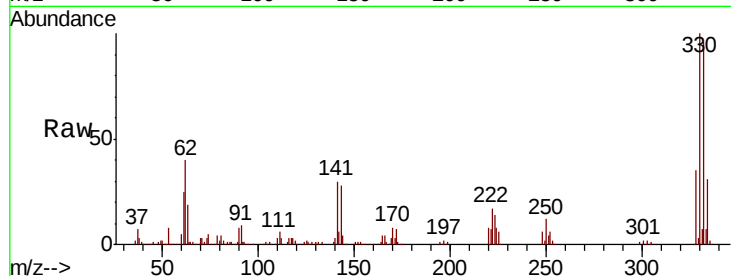




#42
 2,4,6-Tribromophenol
 Concen: 129.360 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Instrument :
 BNA_F
 ClientSampled :
 RT-4221

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.7	116.5
141	33.0	28.1	42.1

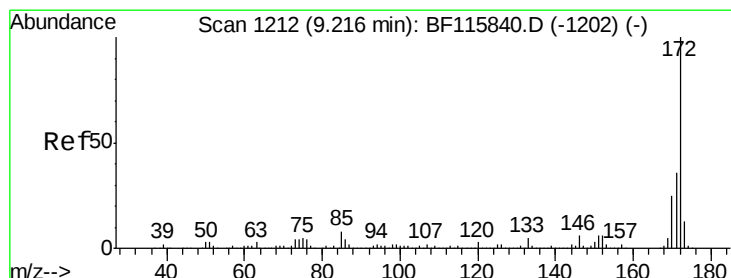
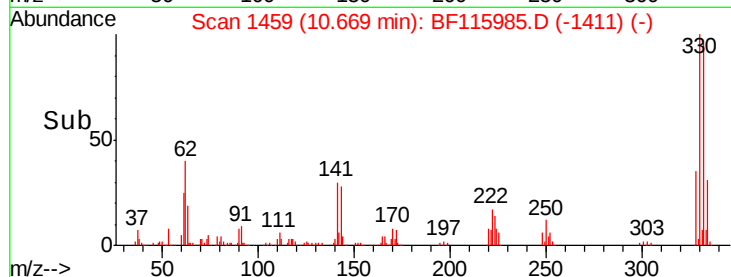
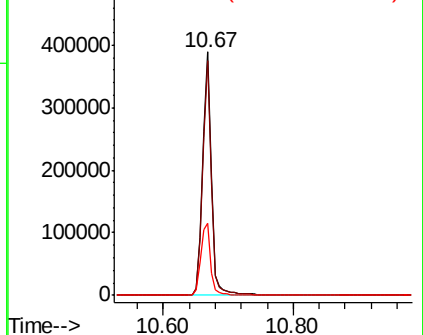


Abundance

Ion 329.80 (329.50 to 330.50): E

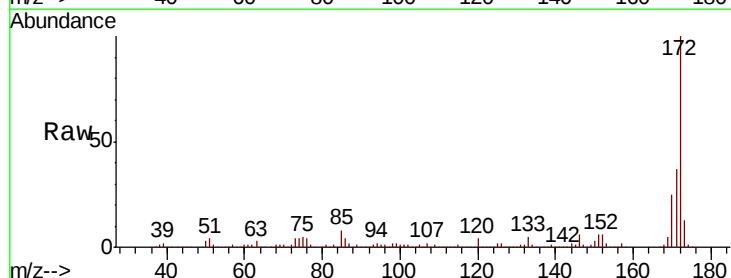
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.870 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	25.2	20.1	30.1

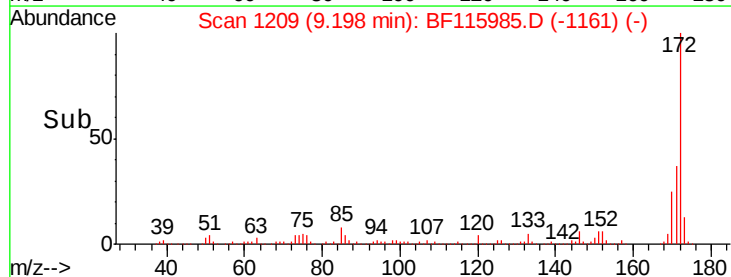
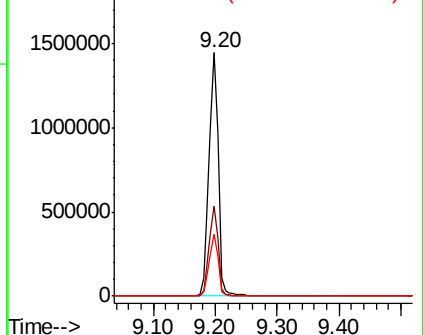


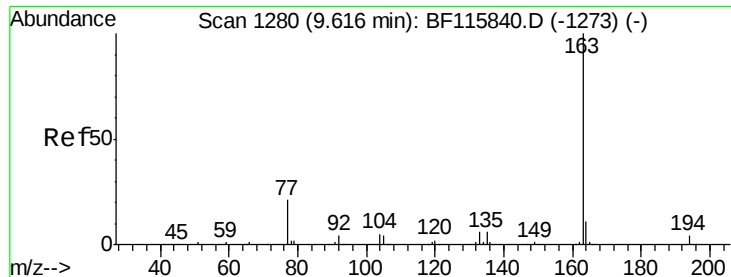
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

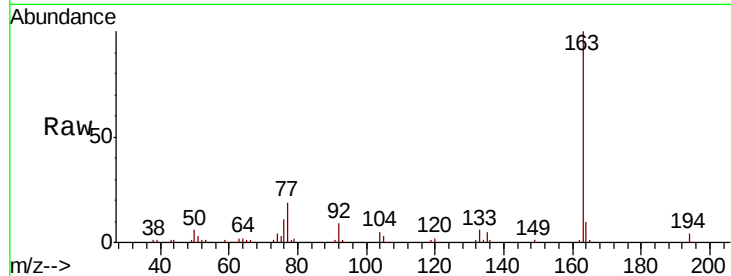




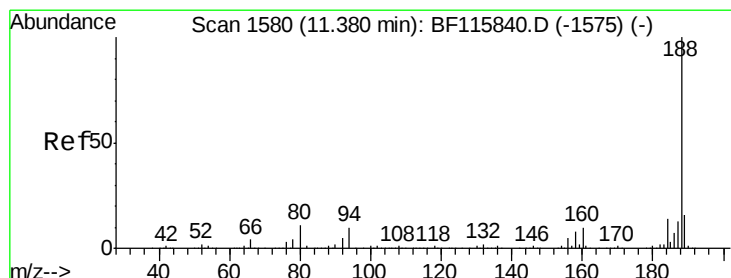
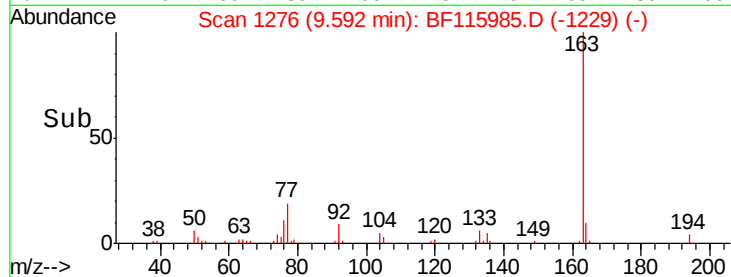
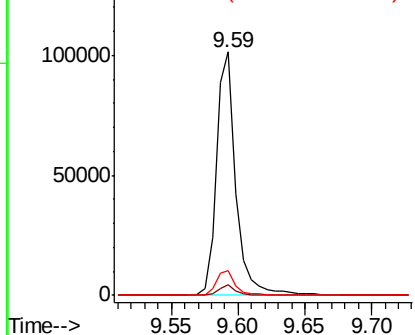
#50
Dimethylphthalate
Concen: 5.204 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF115985.D
Acq: 5 Aug 2019 17:47

Instrument :
BNA_F
ClientSampleId :
RT-4221

Tot Ion:163	Resp:	103966
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.0 4.6
164	9.9	8.4 12.6

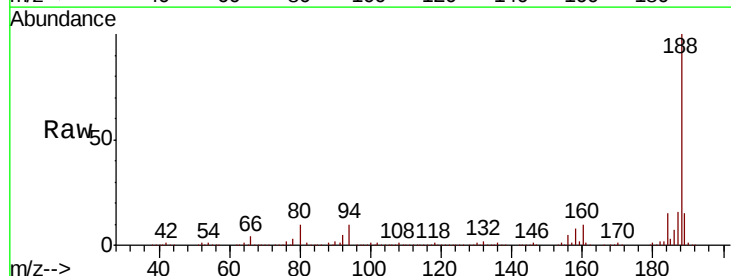


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

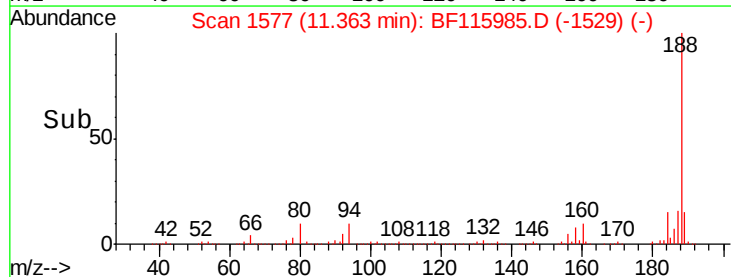
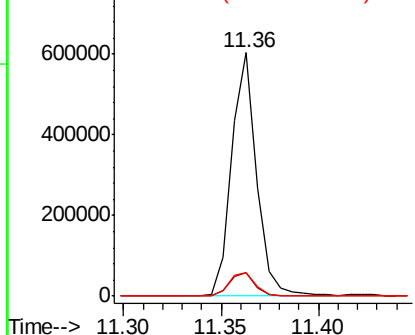


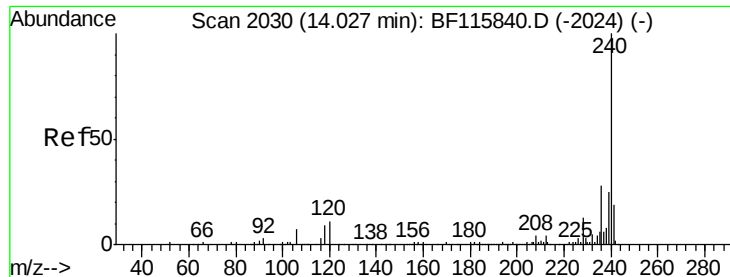
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115985.D
Acq: 5 Aug 2019 17:47

Tgt Ion:188	Resp:	535416
Ion Ratio	Lower	Upper
188	100	
94	9.7	8.0 12.0
80	9.8	8.6 12.8



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

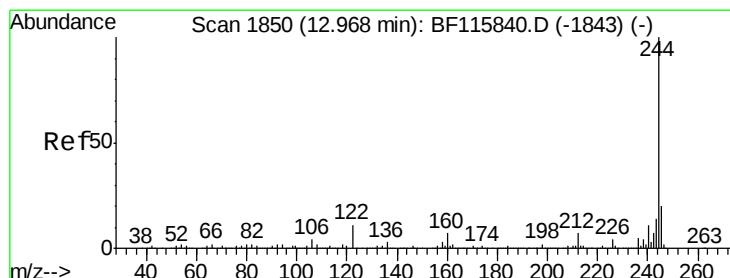
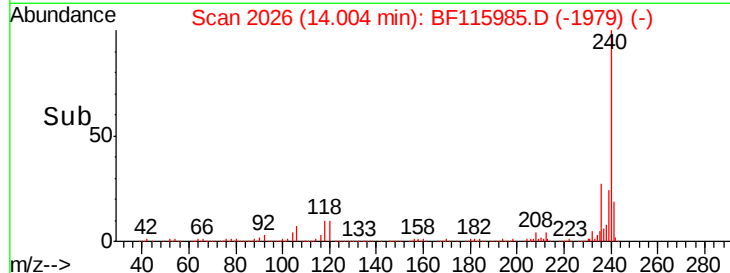
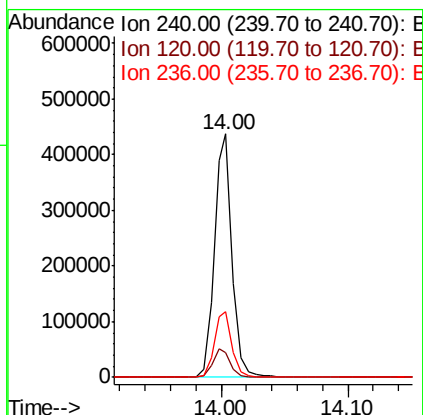
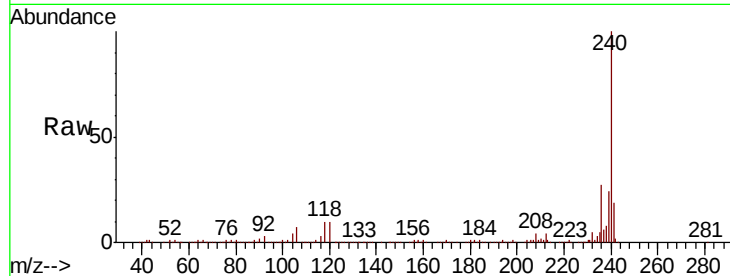




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115985.D
Acq: 5 Aug 2019 17:47

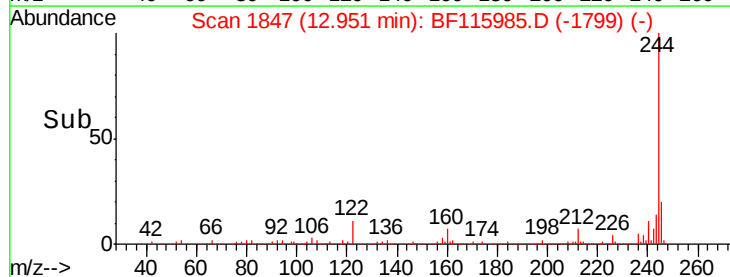
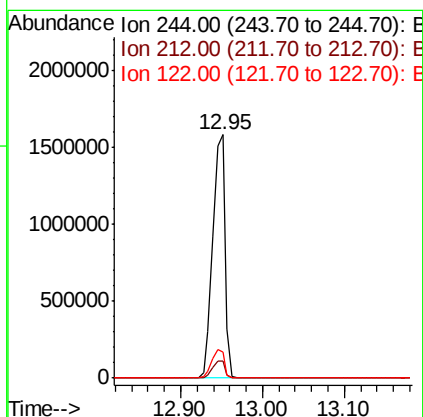
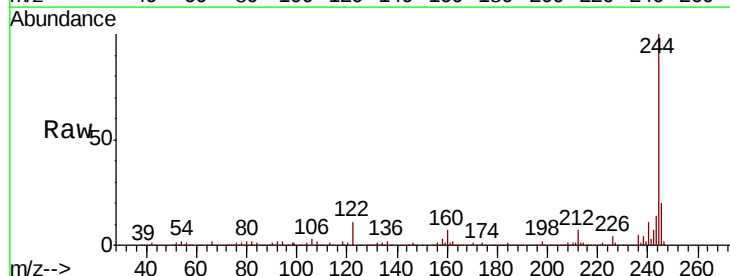
Instrument :
BNA_F
ClientSampleID :
RT-4221

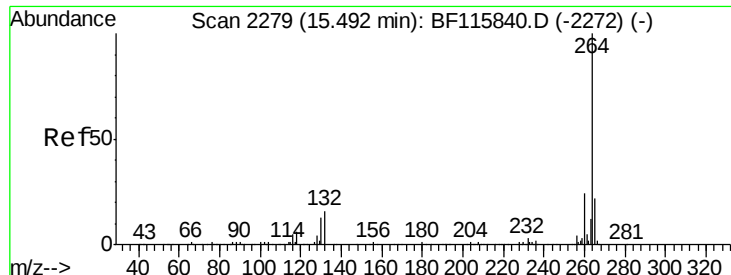
Tot Ion:240 Resp: 426589
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 27.2 22.2 33.2



#79
Terphenyl-d14
Concen: 82.339 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF115985.D
Acq: 5 Aug 2019 17:47

Tgt Ion:244 Resp: 1666927
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.5 8.6 13.0

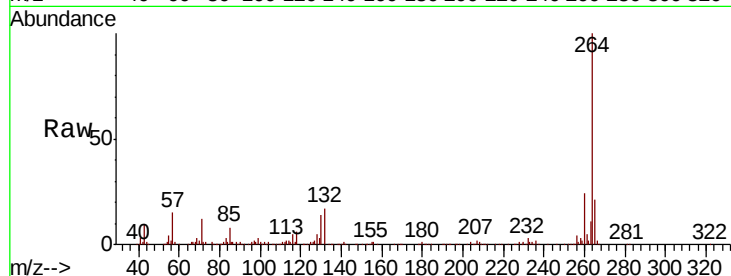




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF115985.D
Acq: 5 Aug 2019 17:47

Instrument :
BNA_F
ClientSampleId :
RT-4221

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.2	17.5	26.3



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

