

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116915.D
 Acq On : 9 Sep 2019 23:40
 Operator : HP/JU
 Sample : K4758-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4-8

Quant Time: Sep 10 03:59:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

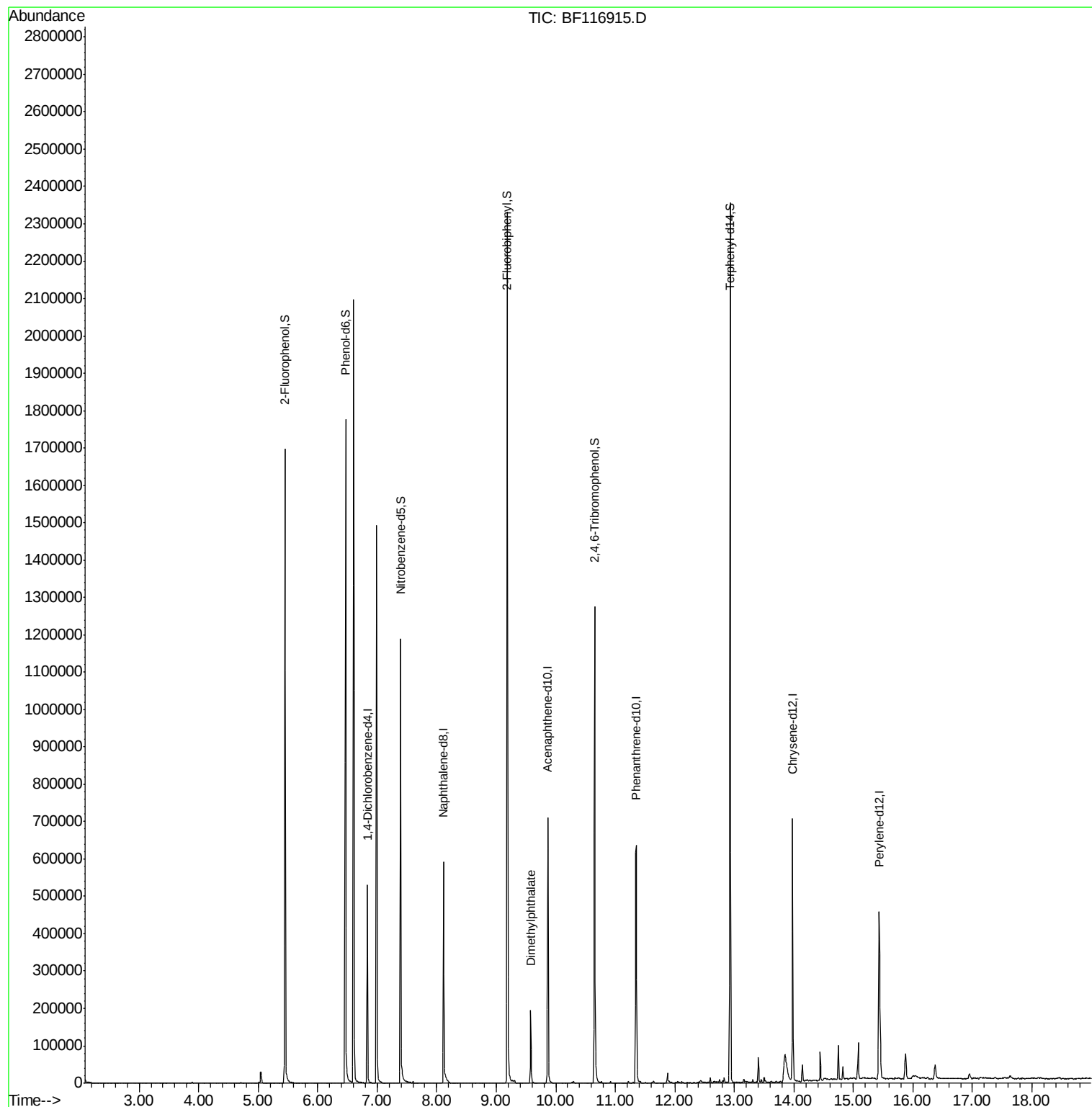
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	74827	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	302118	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	157903	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	271415	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	223908	20.00	ng	-0.02
87) Perylene-d12	15.43	264	214742	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	483894	104.77	ng	-0.01
7) Phenol-d6	6.47	99	671260	110.68	ng	-0.01
23) Nitrobenzene-d5	7.39	82	413644	78.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	147434	139.67	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	722806	77.22	ng	-0.02
79) Terphenyl-d14	12.93	244	779222	64.38	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	93608	8.587	ng	Qvalue 99

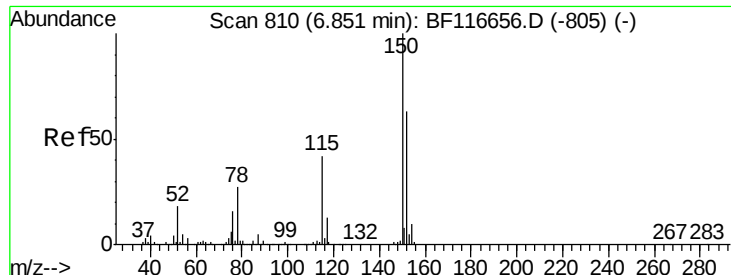
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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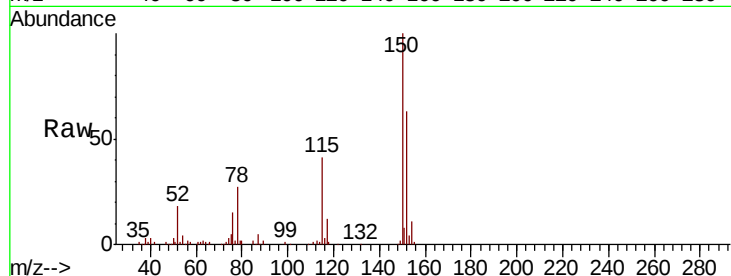


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116915.D
Acq: 9 Sep 2019 23:40

Instrument :
BNA_F
ClientSampleId :
B-4-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.4	186.6
115	65.8	49.9	74.9

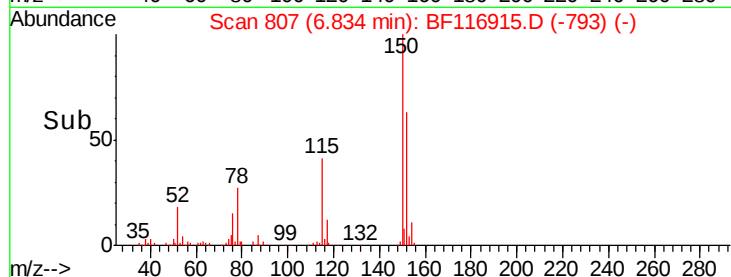
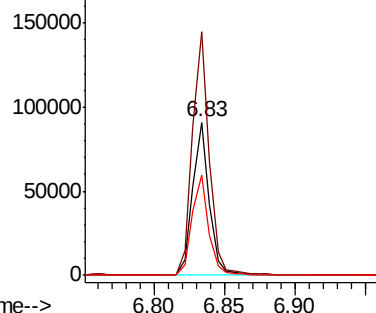


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

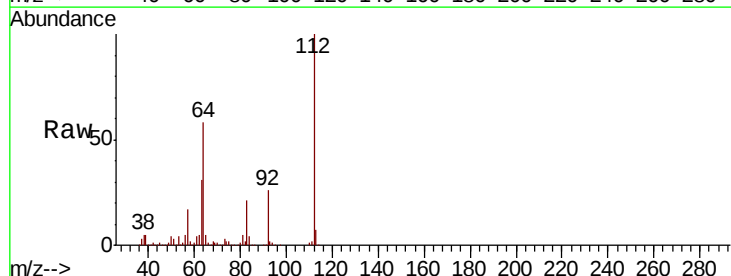
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.766 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116915.D
Acq: 9 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.1	70.7
63	30.5	24.9	37.3

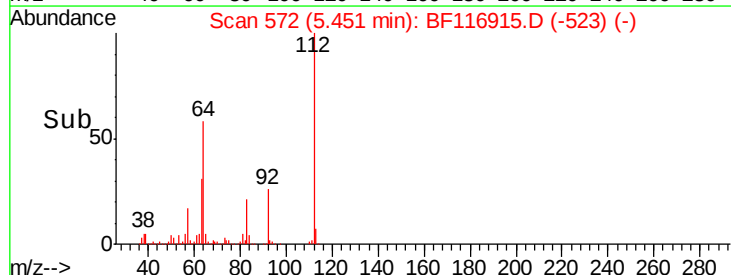
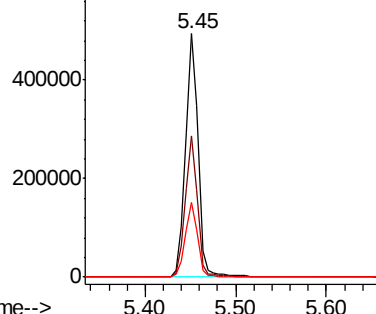


Abundance

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: 110.678 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116915.D

Acq: 9 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

B-4-8

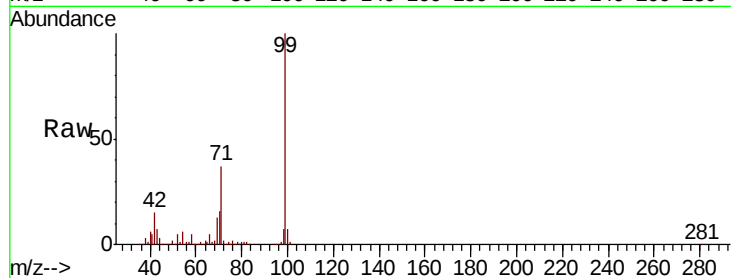
Tot Ion: 99 Resp: 671260

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

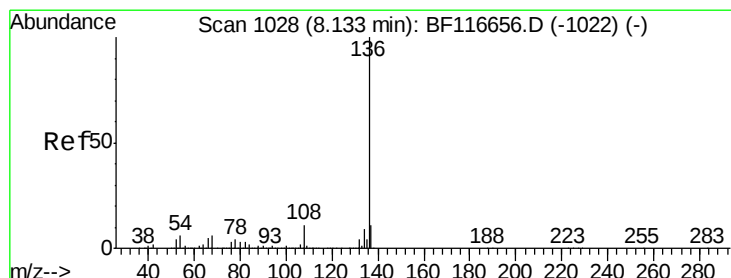
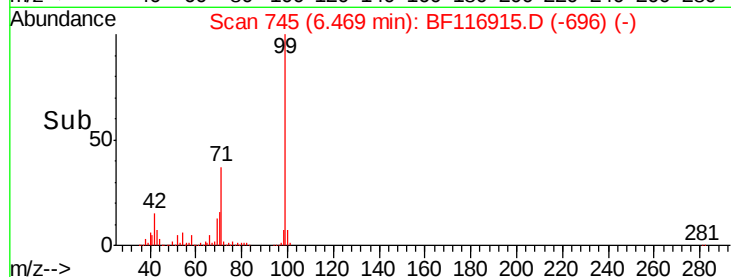
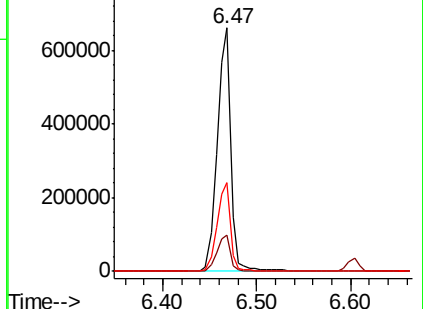
71 36.7 30.8 46.2



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# 1025

Delta R.T. -0.02 min

Lab File: BF116915.D

Acq: 9 Sep 2019 23:40

Tgt Ion: 136 Resp: 302118

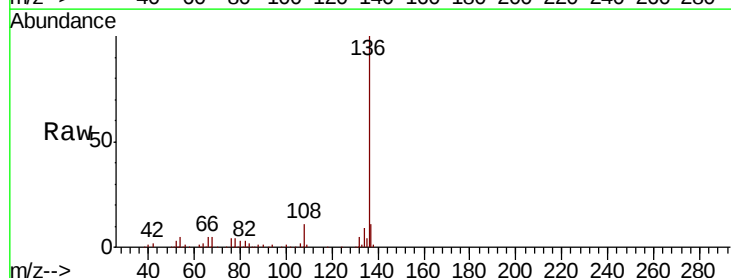
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.1 4.8 7.2

68 4.7 4.0 6.0

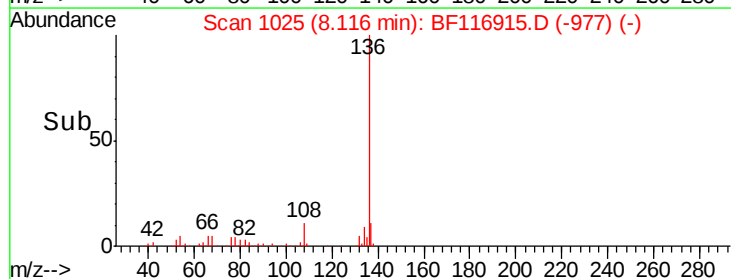
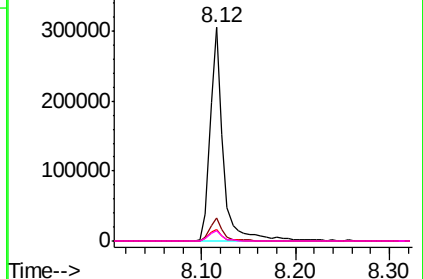


Abundance Ion 136.00 (135.70 to 136.70): E

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

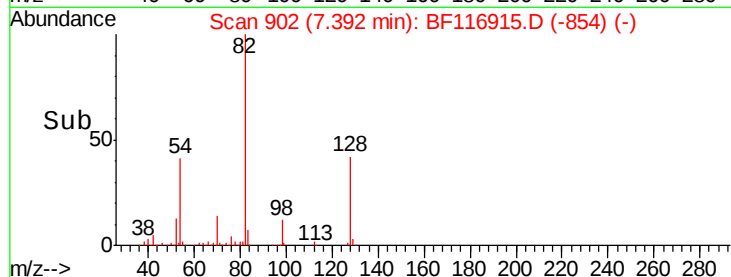
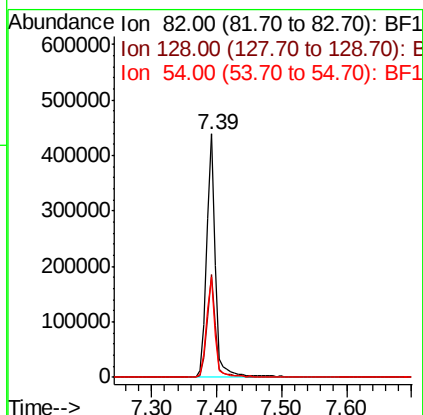
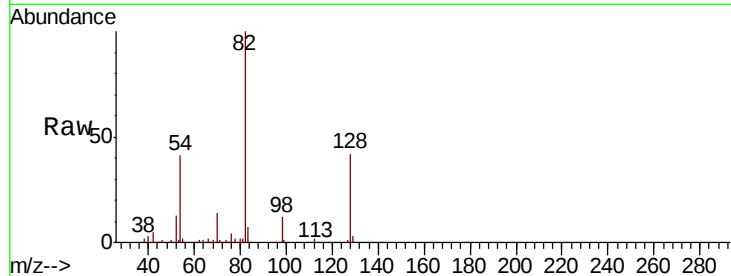




#23
 Nitrobenzene-d5
 Concen: 78.161 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116915.D
 Acq: 9 Sep 2019 23:40

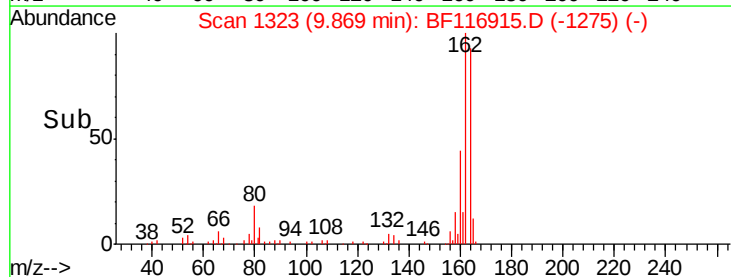
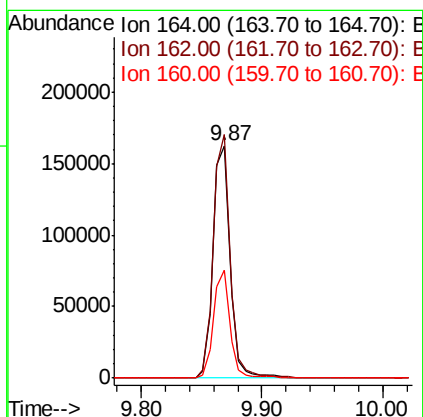
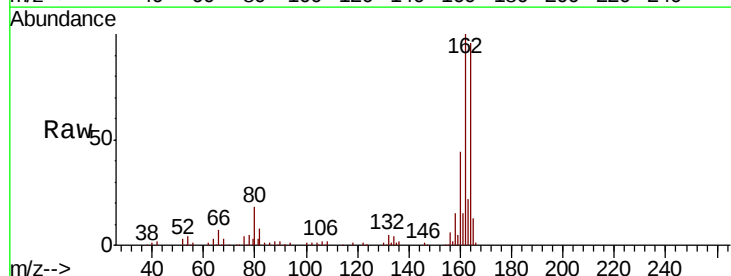
Instrument :
 BNA_F
 ClientSampled :
 B-4-8

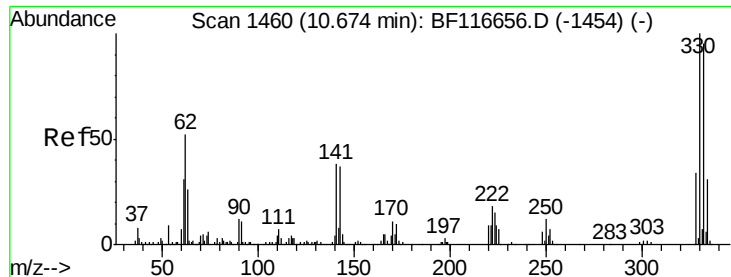
Tot Ion	82	Resp	413644
Ion Ratio	100	Lower	Upper
128	42.1	32.8	49.2
54	41.4	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116915.D
 Acq: 9 Sep 2019 23:40

Tgt Ion	164	Resp	157903
Ion Ratio	100	Lower	Upper
162	104.6	81.4	122.0
160	46.4	35.4	53.2

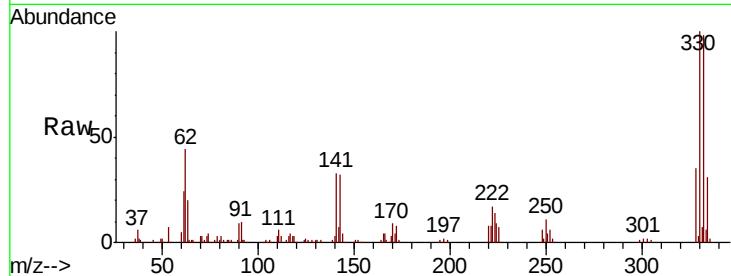




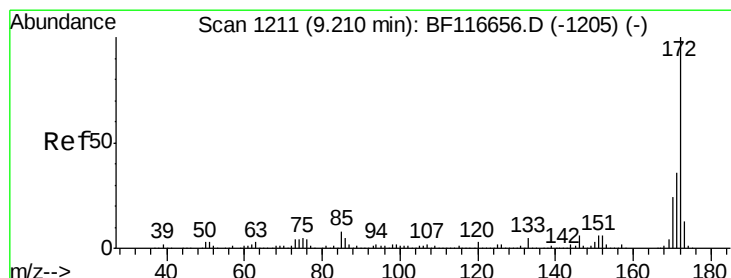
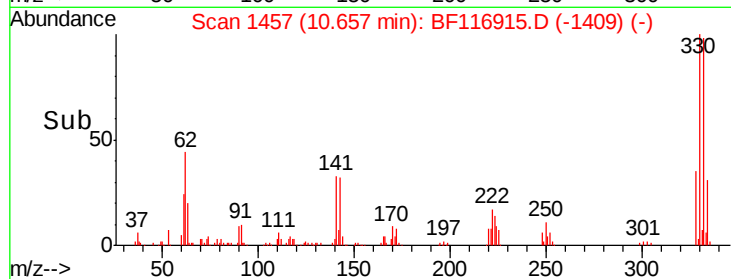
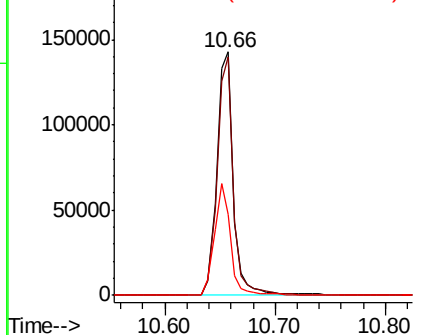
#42
 2,4,6-Tribromophenol
 Concen: 139.666 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116915.D
 Acq: 9 Sep 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 B-4-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	44.6	31.4	47.2

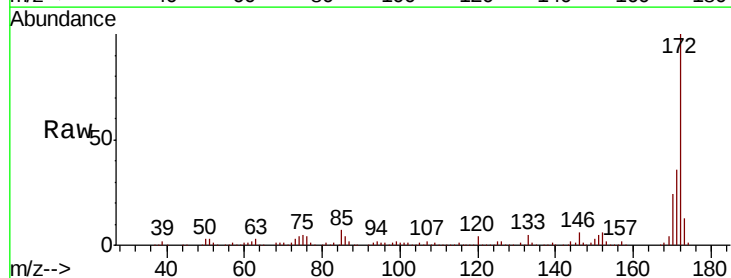


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

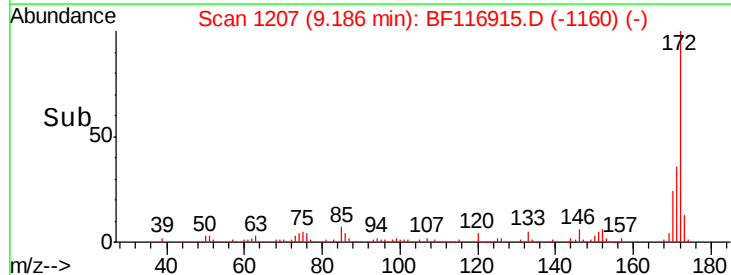
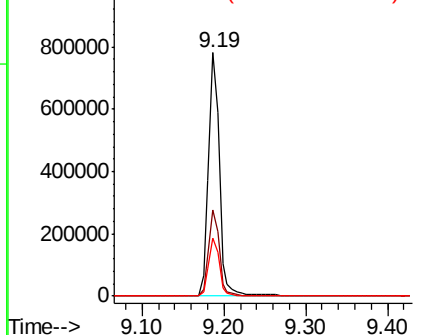


#45
 2-Fluorobiphenyl
 Concen: 77.218 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116915.D
 Acq: 9 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.7	18.9	28.3



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

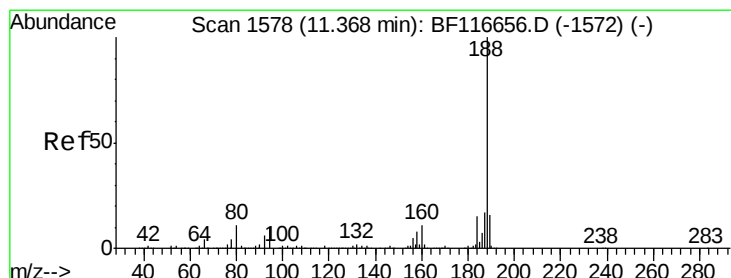
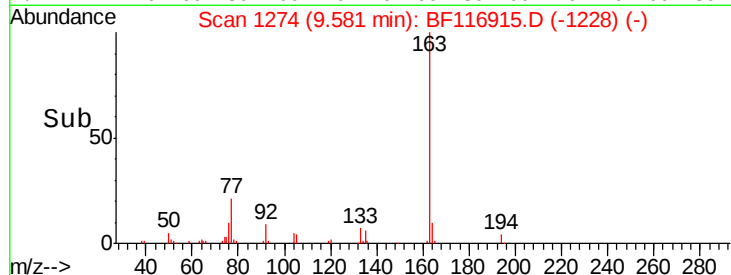
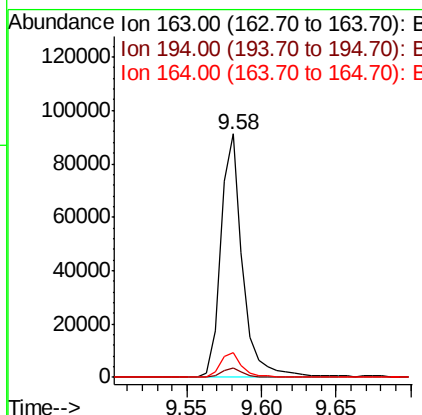
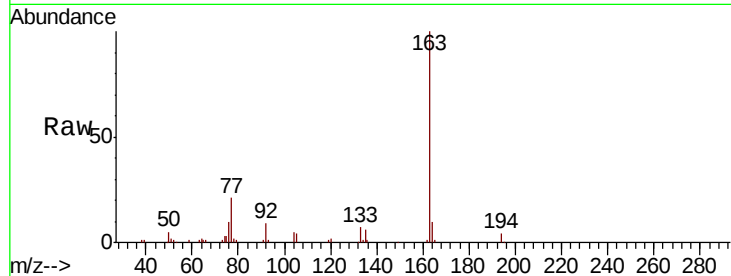




#50
Dimethylphthalate
Concen: 8.587 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF116915.D
Acq: 9 Sep 2019 23:40

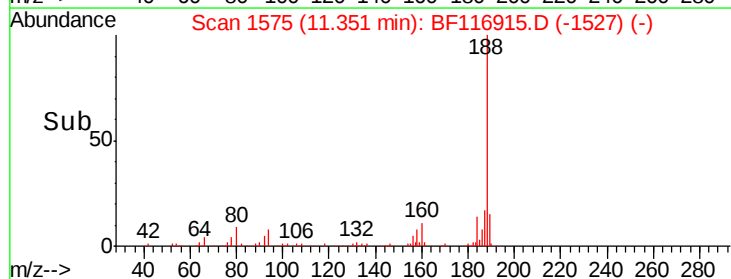
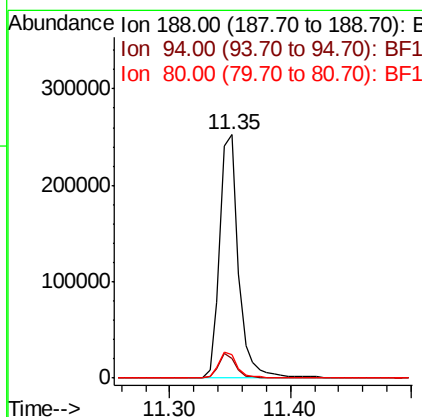
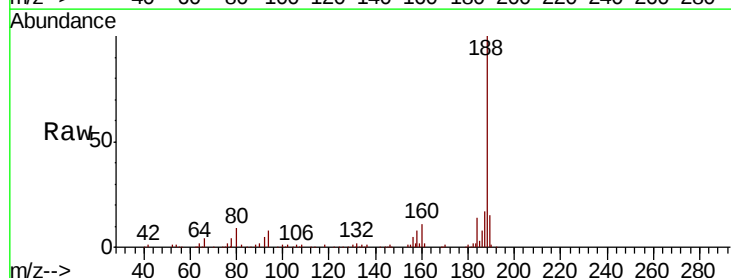
Instrument :
BNA_F
ClientSampleId :
B-4-8

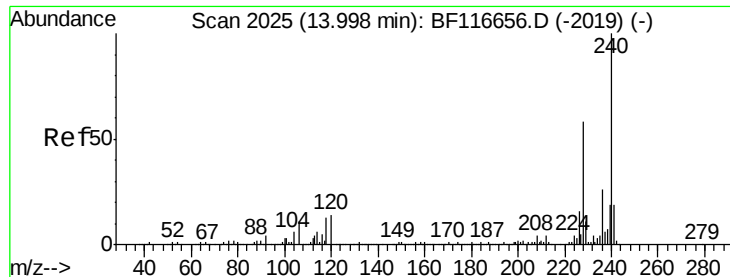
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	10.2	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116915.D
Acq: 9 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.3	10.9
80	9.4	8.4	12.6

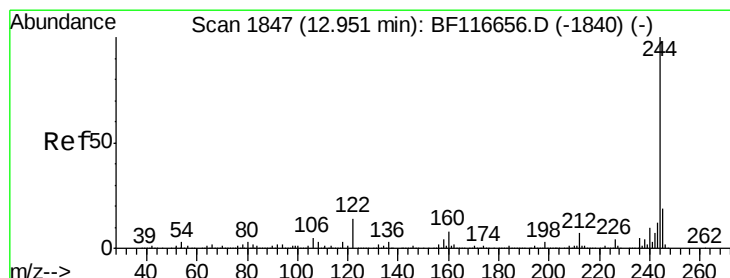
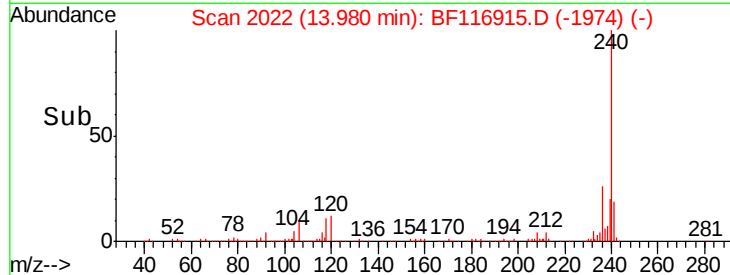
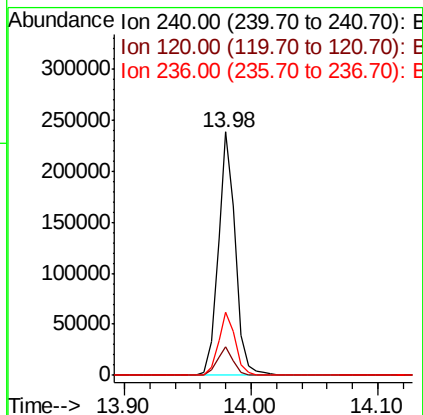
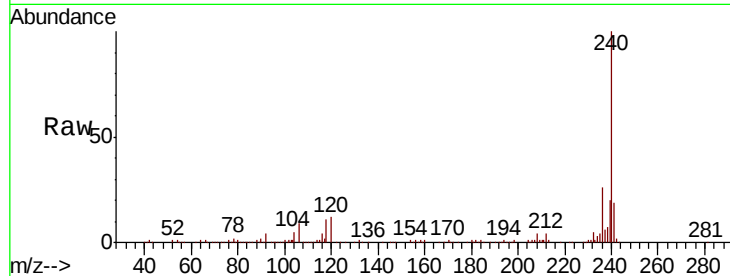




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF116915.D
 Acq: 9 Sep 2019 23:40

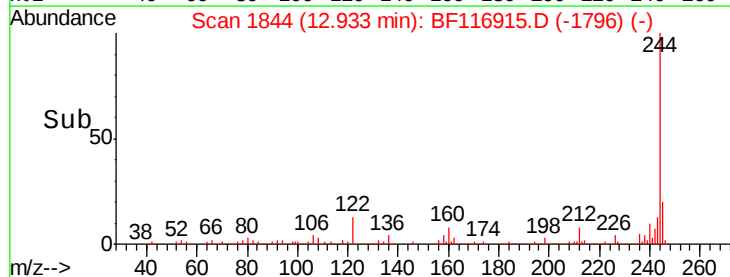
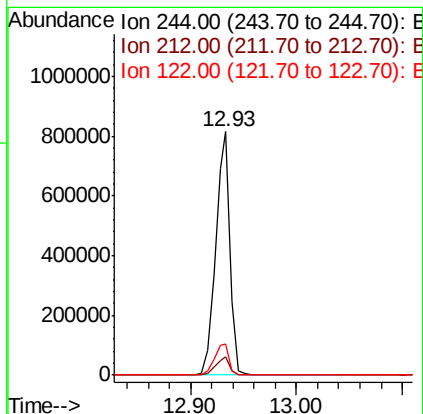
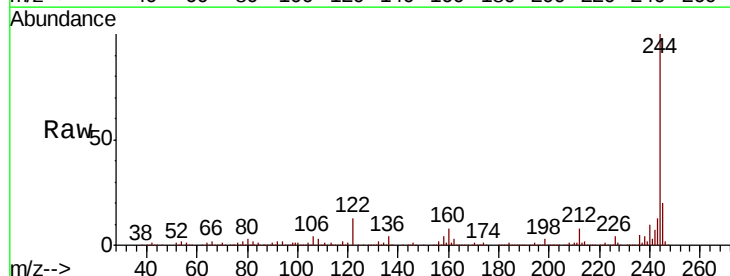
Instrument :
 BNA_F
 ClientSampleId :
 B-4-8

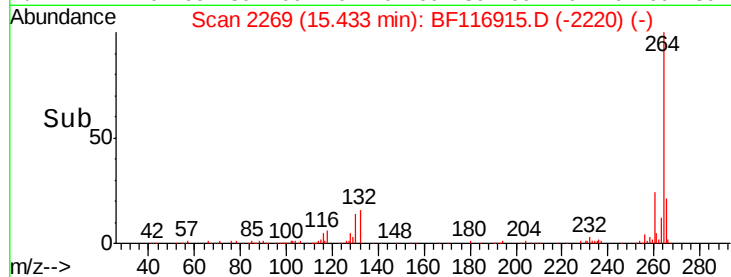
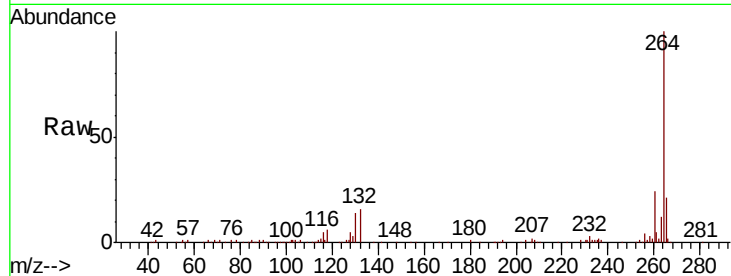
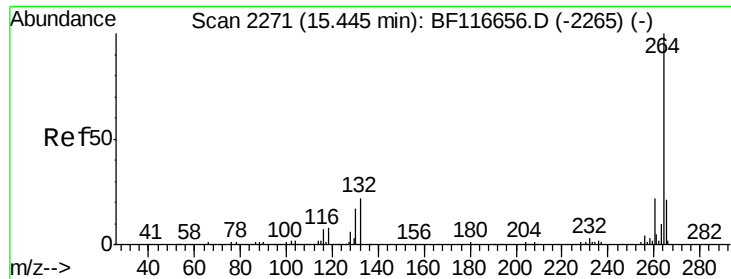
Tot Ion:240 Resp: 223908
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.1 13.7
 236 26.1 21.1 31.7



#79
 Terphenyl-d14
 Concen: 64.380 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116915.D
 Acq: 9 Sep 2019 23:40

Tgt Ion:244 Resp: 779222
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 12.8 10.2 15.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF116915.D

Acq: 9 Sep 2019 23:40

Instrument :

BNA_F

ClientSampleId :

B-4-8

Tot Ion: 264 Resp: 214742

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.1 16.5 24.7

