

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110915.D
 Acq On : 21 Nov 2018 2:08
 Operator : JU/SJ
 Sample : J6003-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-02R

Quant Time: Nov 21 06:08:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

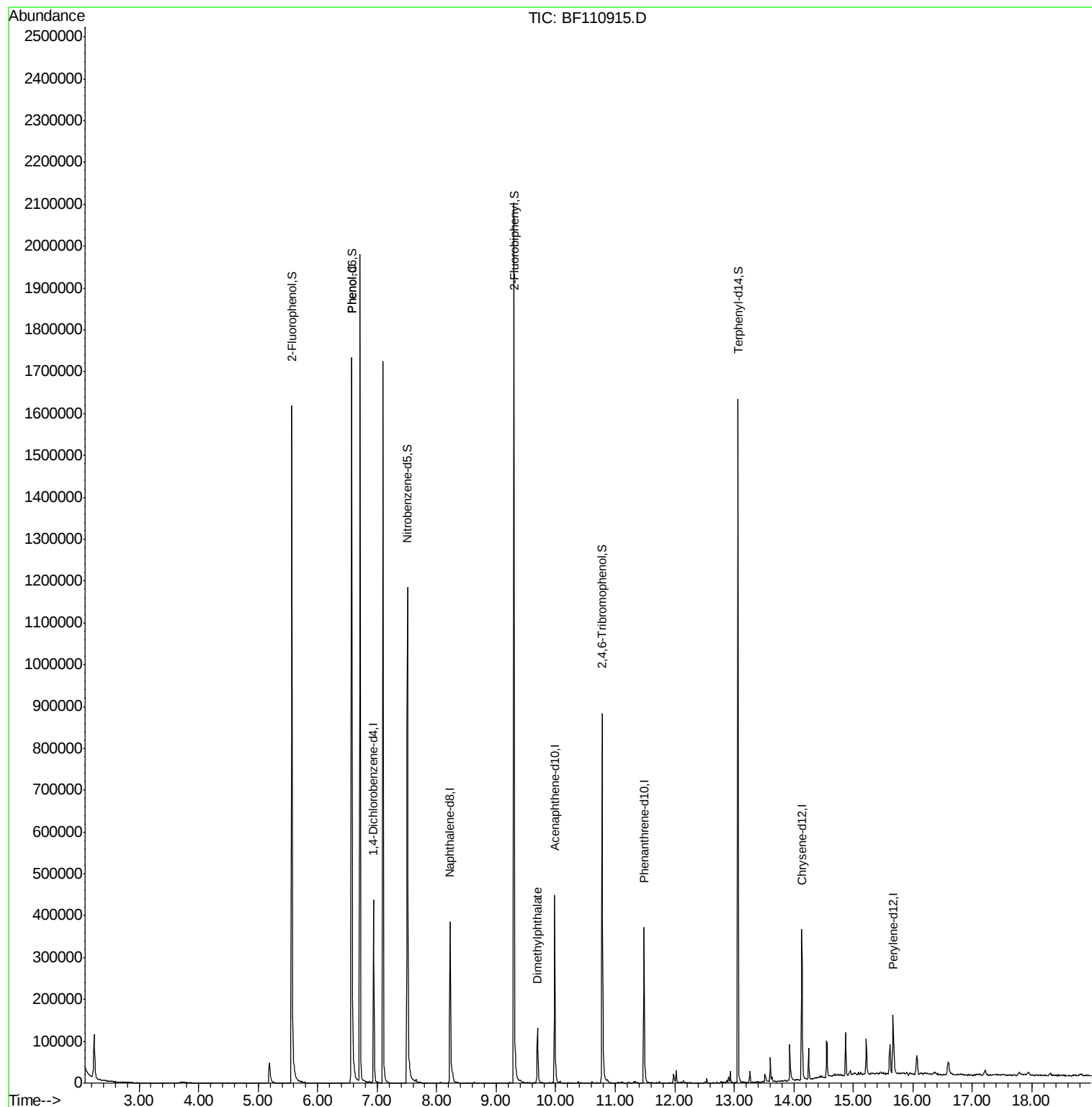
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64183	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	250081	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	101602	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	162829	20.00	ng	0.00
76) Chrysene-d12	14.13	240	135116	20.00	ng	0.00
87) Perylene-d12	15.67	264	89171	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	528737	133.81	ng	0.00
7) Phenol-d6	6.57	99	653783	129.39	ng	0.00
23) Nitrobenzene-d5	7.51	82	416288	95.86	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	119075	116.31	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	700193	98.42	ng	0.00
79) Terphenyl-d14	13.06	244	548788	76.06	ng	0.00
Target Compounds						
10) Phenol	6.58	94	33417	5.704	ng	84
50) Dimethylphthalate	9.69	163	68189	8.994	ng	98

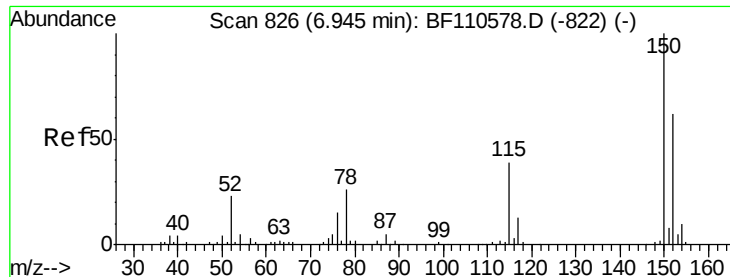
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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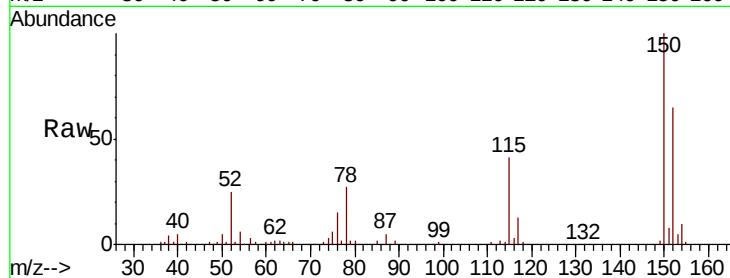


#1

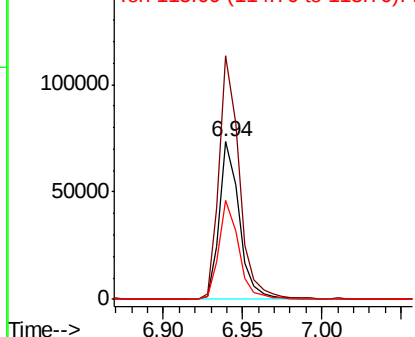
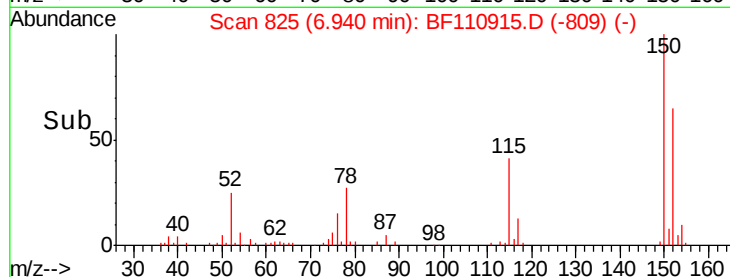
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110915.D
 Acq: 21 Nov 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-02R

Tot Ion:152 Resp: 64183
 Ion Ratio Lower Upper
 152 100
 150 154.7 122.7 184.1
 115 63.2 49.1 73.7



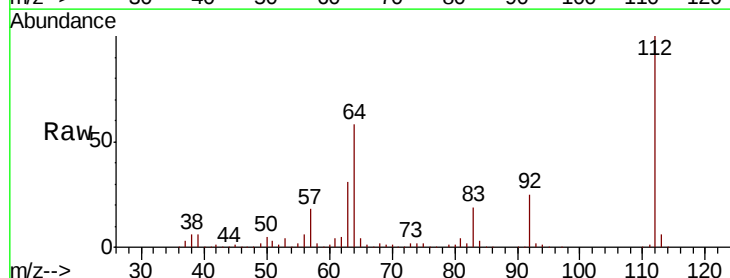
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



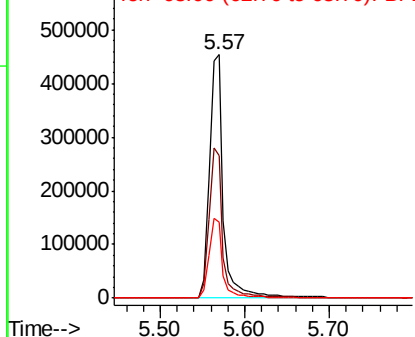
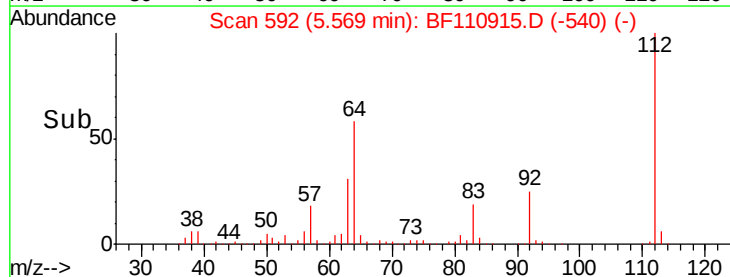
#5

2-Fluorophenol
 Concen: 133.810 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110915.D
 Acq: 21 Nov 2018 2:08

Tgt Ion:112 Resp: 528737
 Ion Ratio Lower Upper
 112 100
 64 58.4 44.1 66.1
 63 31.1 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: 129.388 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

Instrument :

BNA_F

ClientSampleId :

NON-UST-02R

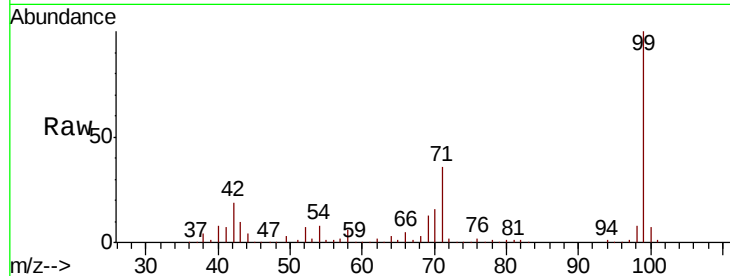
Tot Ion: 99 Resp: 653783

Ion Ratio Lower Upper

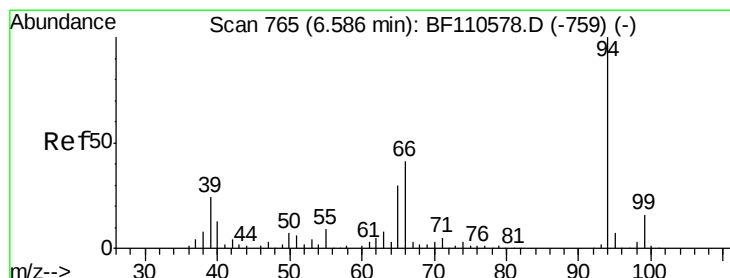
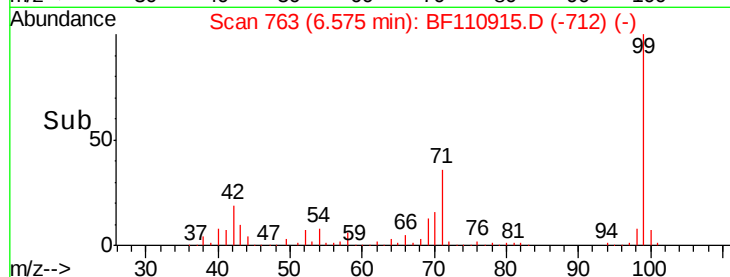
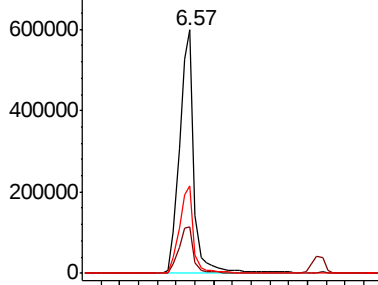
99 100

42 19.2 15.8 23.6

71 35.7 28.0 42.0



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



#10

Phenol

Concen: 5.704 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

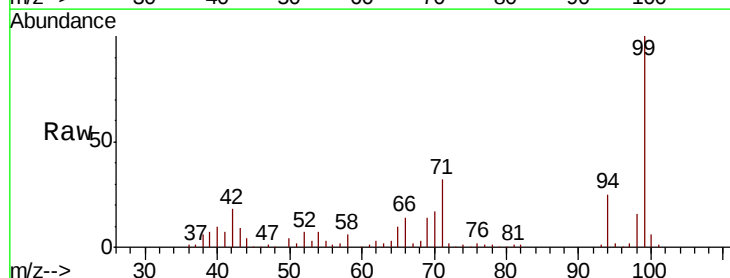
Tgt Ion: 94 Resp: 33417

Ion Ratio Lower Upper

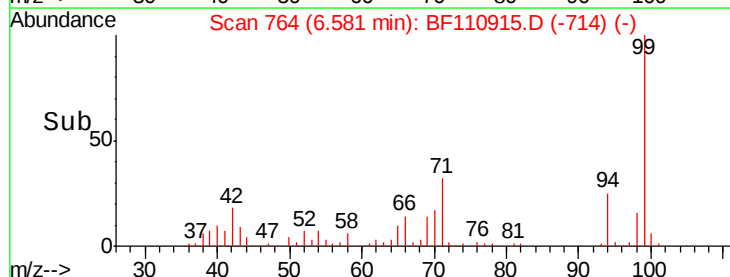
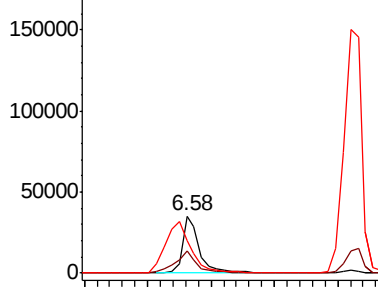
94 100

65 38.7 25.3 65.3

66 57.8 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

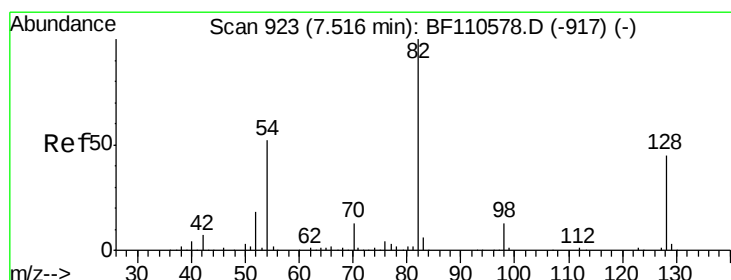
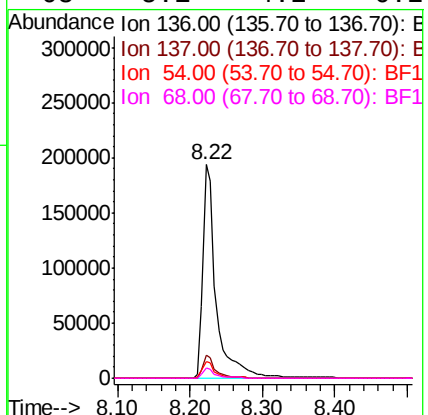
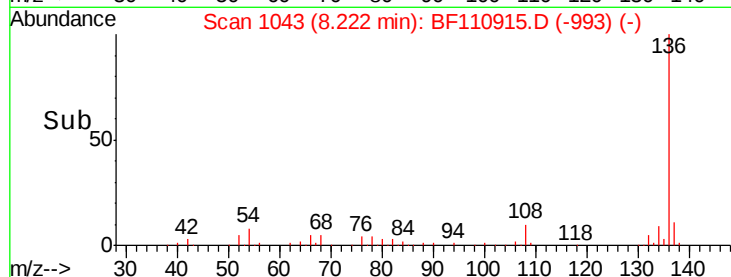
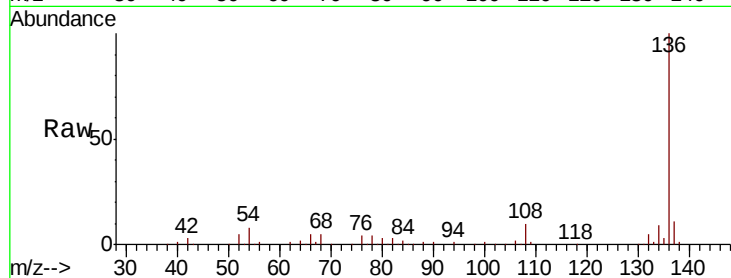




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

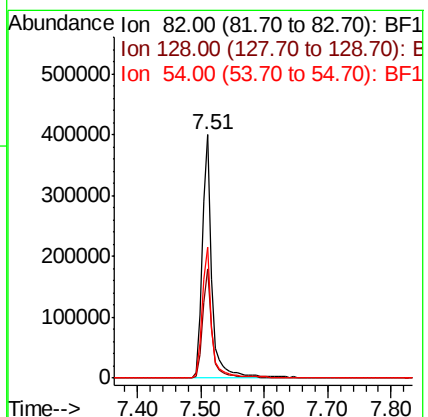
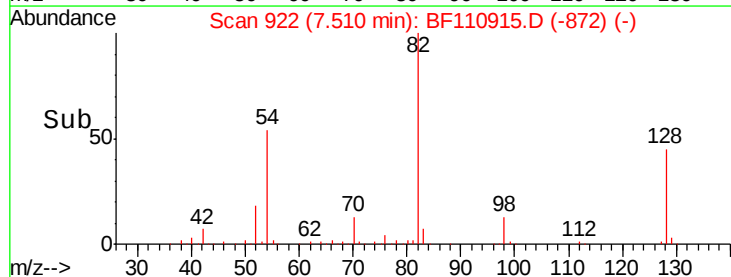
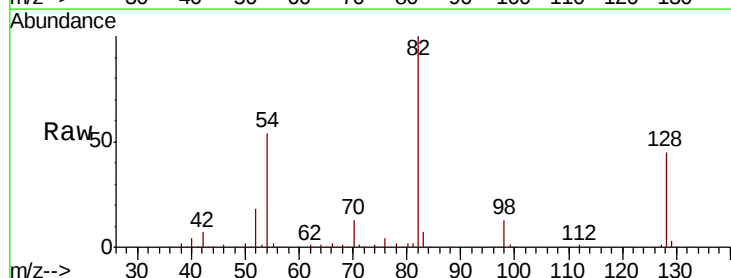
Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

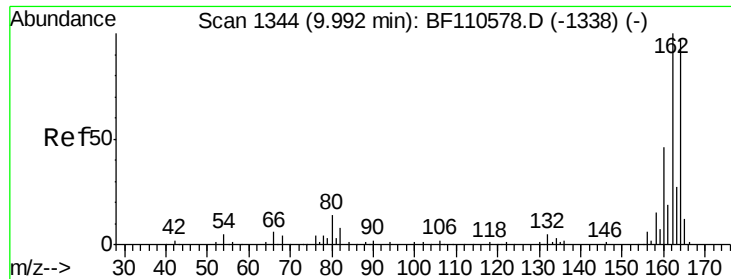
Tot Ion:136	Resp:	250081
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	8.0	5.4 8.2
68	5.1	4.2 6.2



#23
Nitrobenzene-d5
Concen: 95.864 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion: 82	Resp:	416288
Ion Ratio	Lower	Upper
82	100	
128	45.0	34.2 51.2
54	53.5	38.6 58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

Instrument :

BNA_F

ClientSampleId :

NON-UST-02R

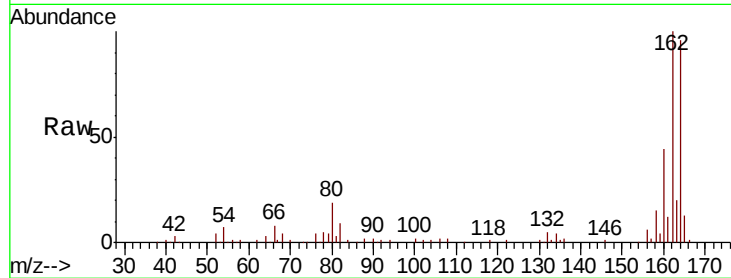
Tot Ion:164 Resp: 101602

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

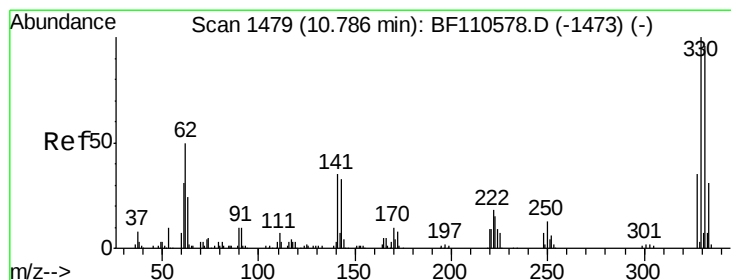
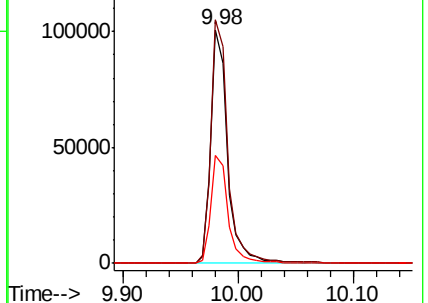
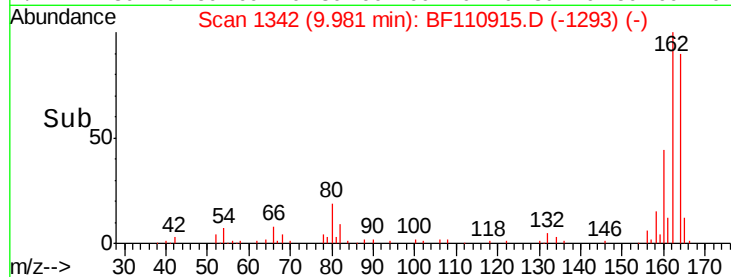
160 46.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 116.311 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

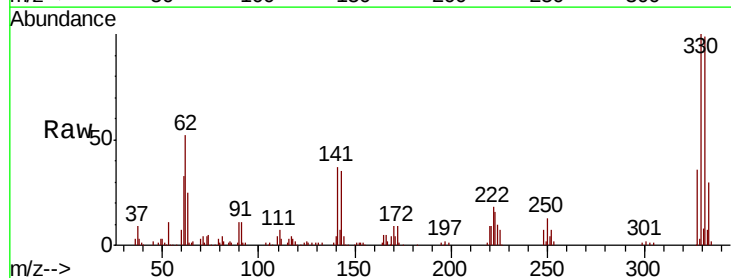
Tgt Ion:330 Resp: 119075

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

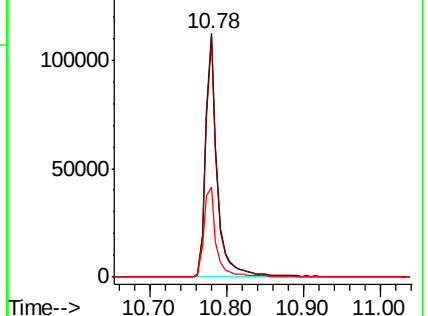
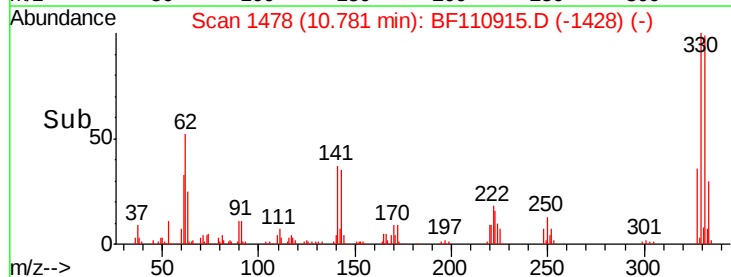
141 38.9 27.0 40.4

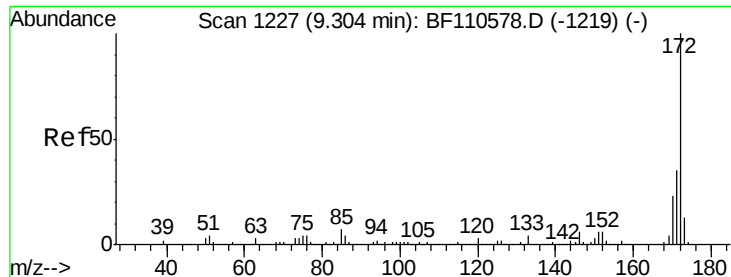


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

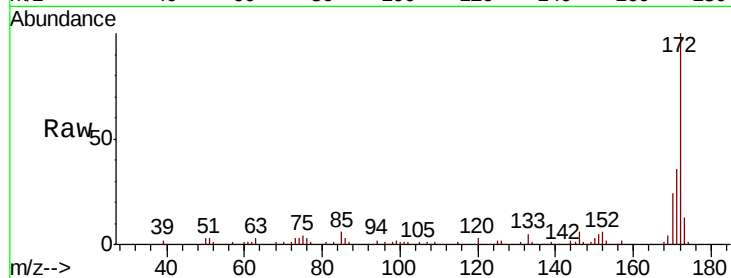




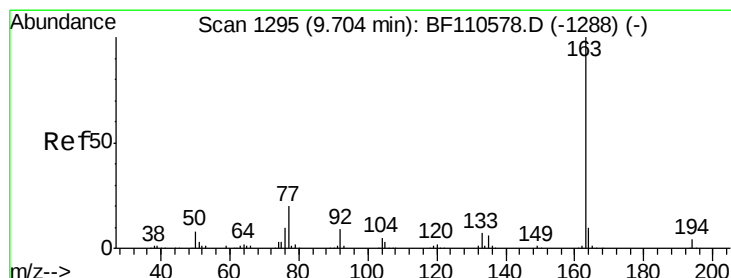
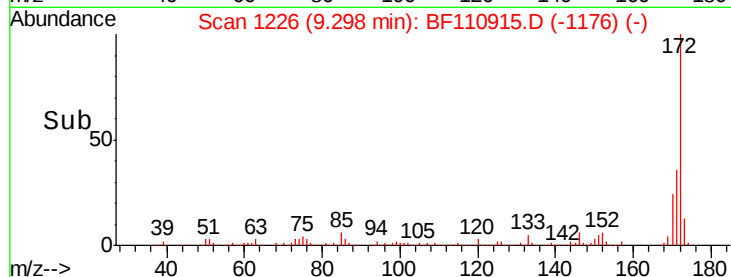
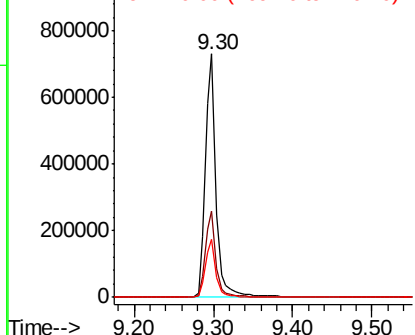
#45
2-Fluorobiphenyl
Concen: 98.424 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.6	19.7	29.5

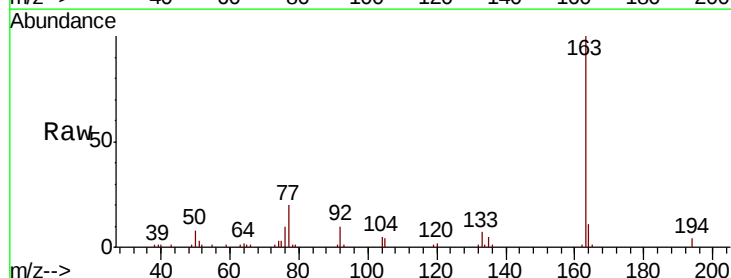


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

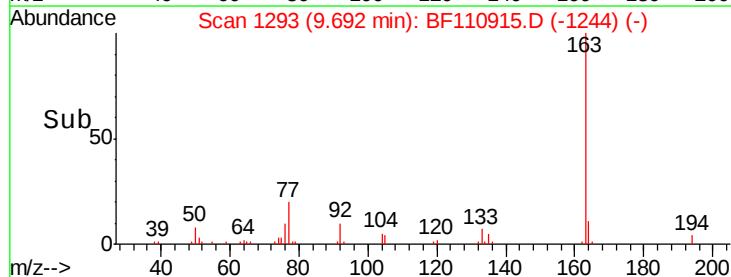
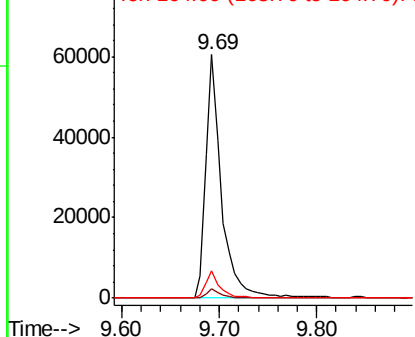


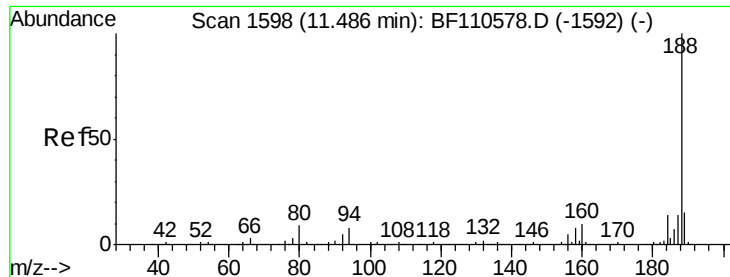
#50
Dimethylphthalate
Concen: 8.994 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	11.2	8.1	12.1



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

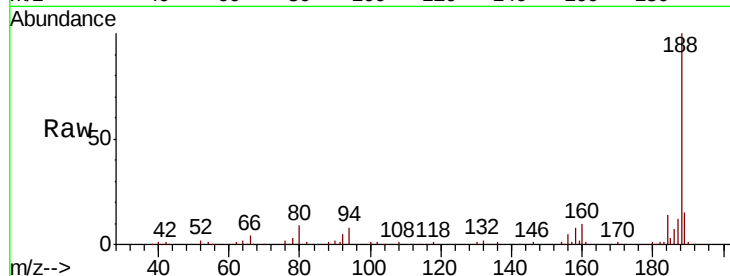




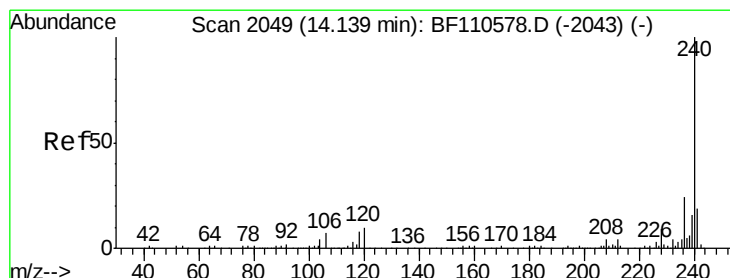
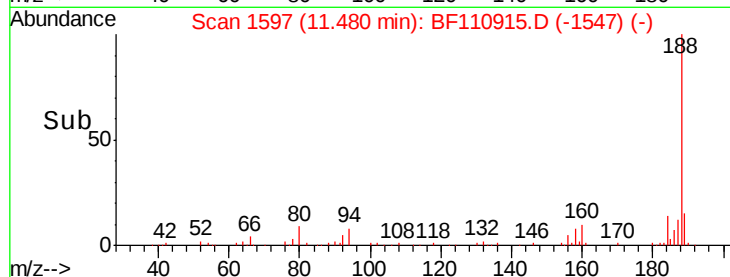
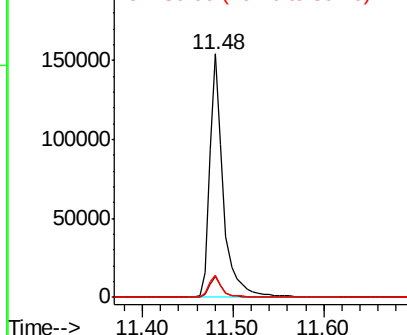
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tot Ion:188 Resp: 162829
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.3 7.9 11.9

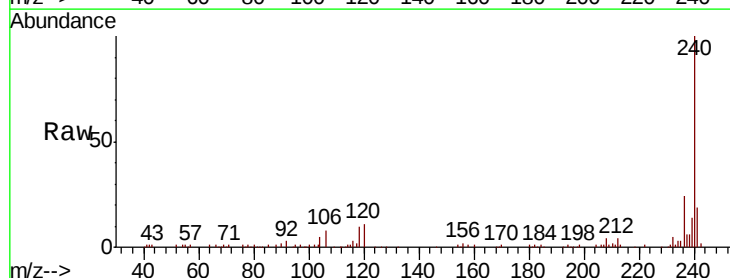


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

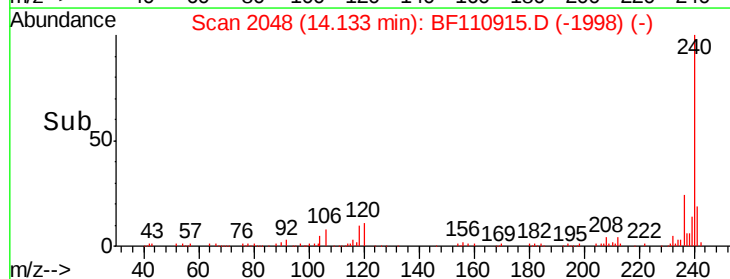
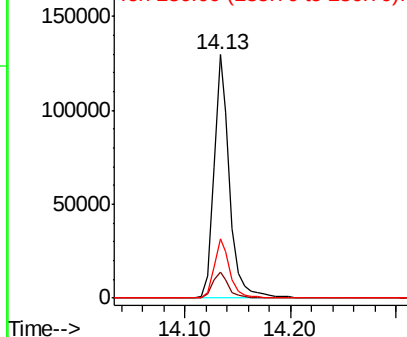


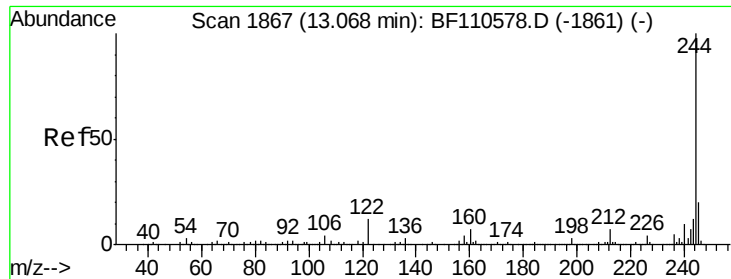
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion:240 Resp: 135116
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 24.5 21.2 31.8



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: 76.064 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

Instrument :

BNA_F

ClientSampleId :

NON-UST-02R

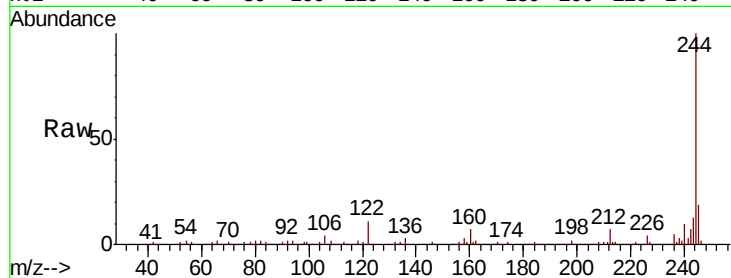
Tot Ion:244 Resp: 548788

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

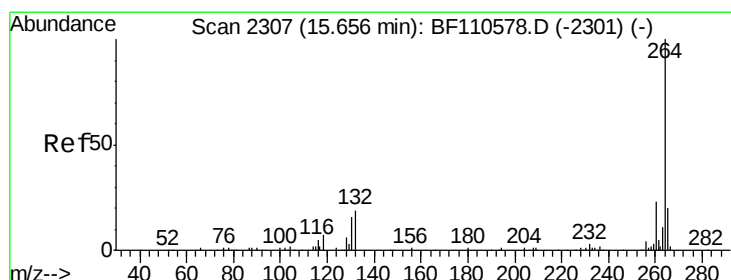
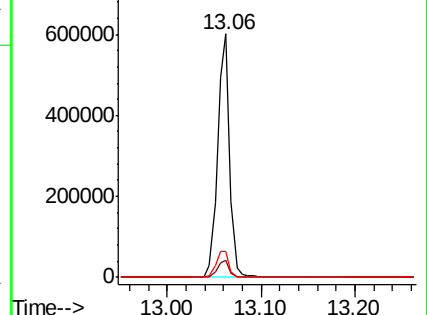
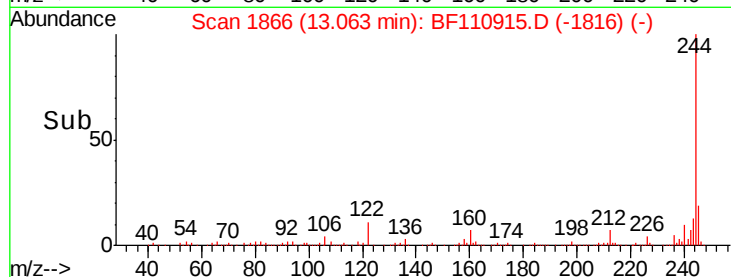
122 10.9 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

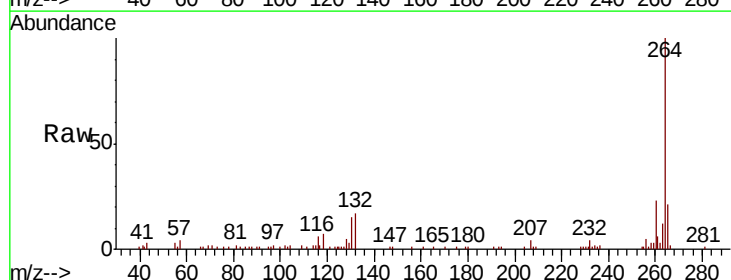
Tgt Ion:264 Resp: 89171

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.0 16.7 25.1



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

