

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112042.D
 Acq On : 12 Jan 2019 3:57
 Operator : JU/SJ
 Sample : K1114-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-D

Quant Time: Jan 12 05:33:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	106581	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	371028	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	169169	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	305388	20.00	ng	0.00
76) Chrysene-d12	14.04	240	255158	20.00	ng	0.00
87) Perylene-d12	15.52	264	174125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	601553	96.56	ng	0.00
7) Phenol-d6	6.52	99	763023	95.03	ng	0.00
23) Nitrobenzene-d5	7.43	82	462666	66.65	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	201540	91.59	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	899262	77.51	ng	0.00
79) Terphenyl-d14	12.99	244	964867	71.78	ng	0.00

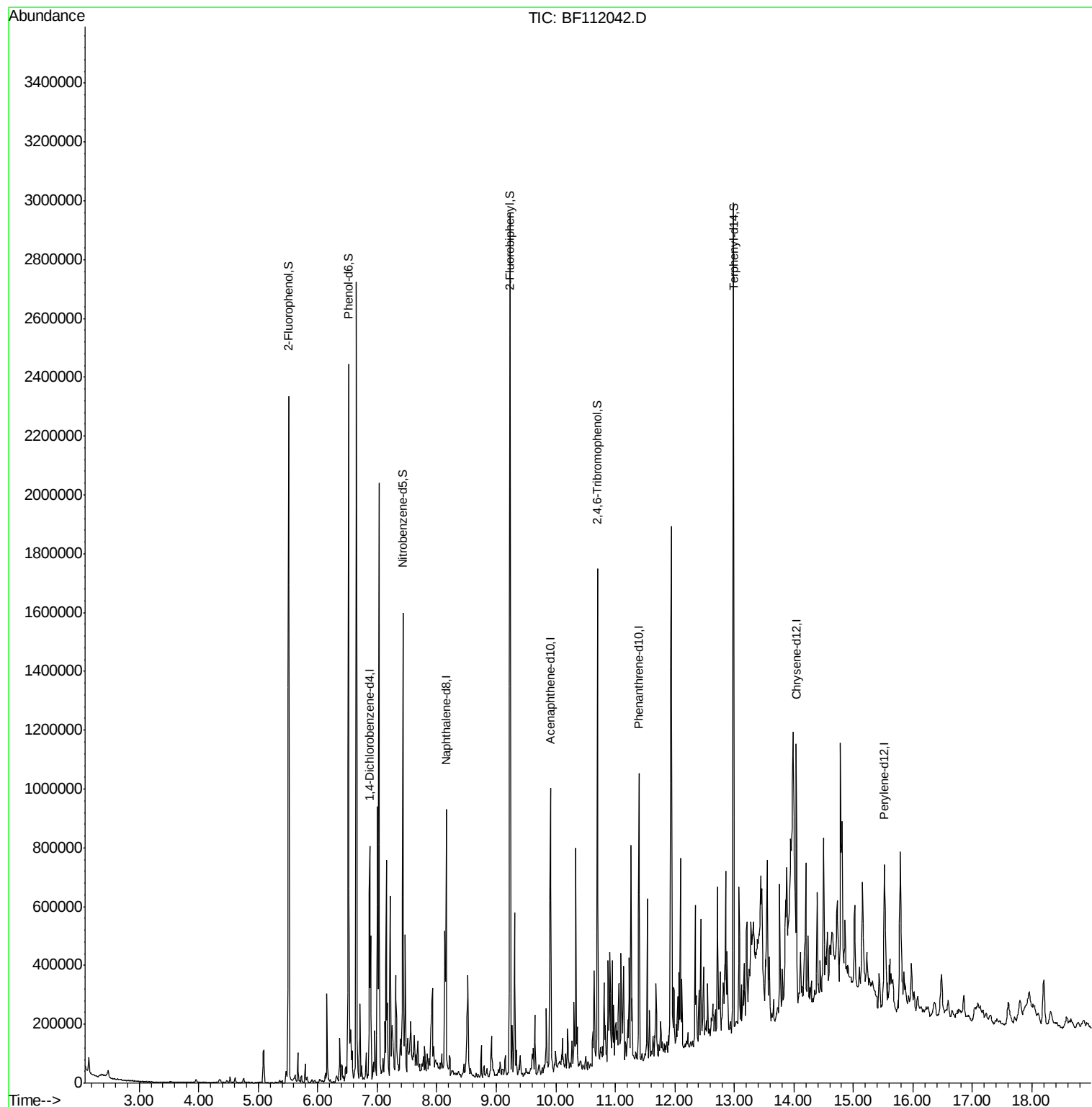
Target Compounds Qvalue

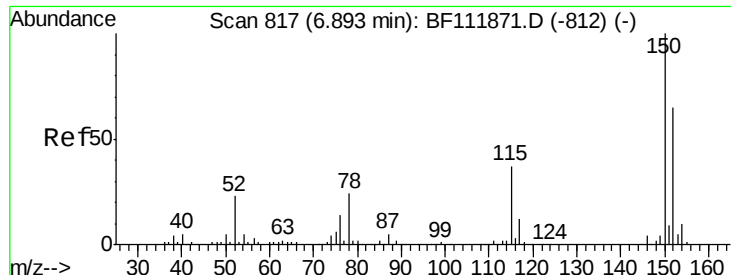
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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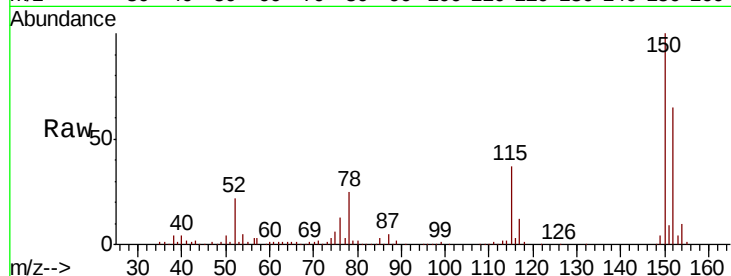


#1

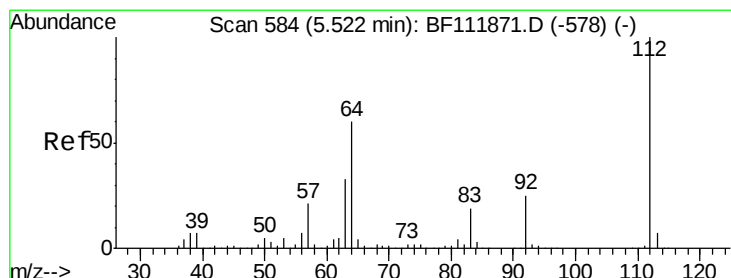
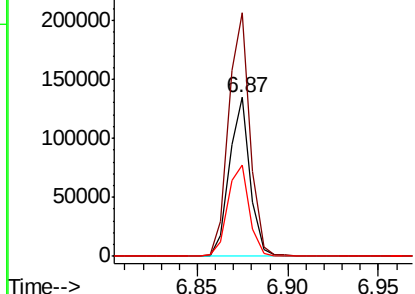
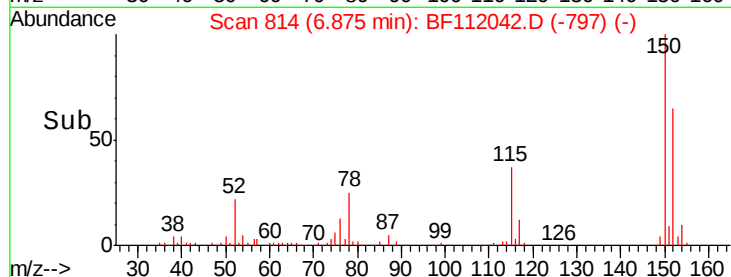
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112042.D
Acq: 12 Jan 2019 3:57

Instrument :
BNA_F
ClientSampleId :
PM-D

Tot Ion:152 Resp: 106581
Ion Ratio Lower Upper
152 100
150 153.4 122.7 184.1
115 57.2 45.2 67.8



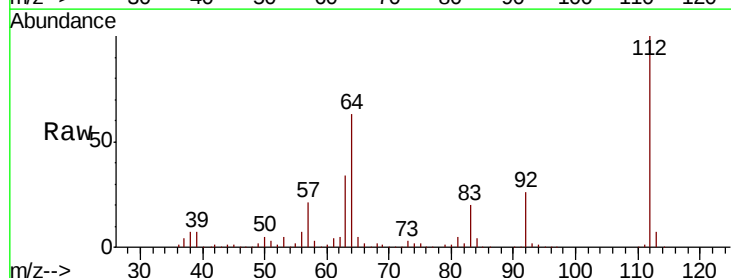
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



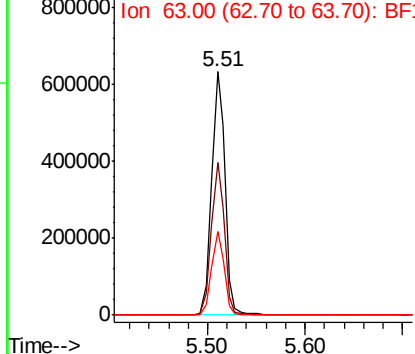
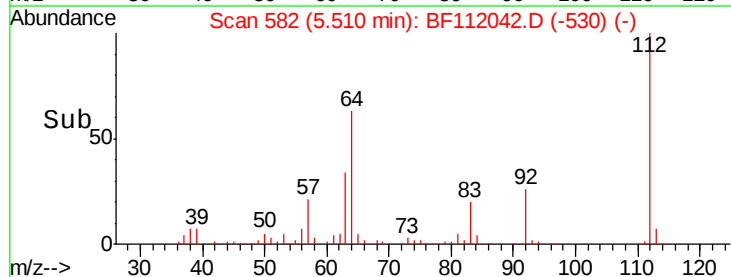
#5

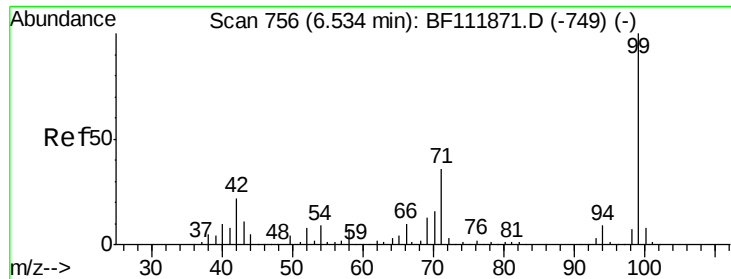
2-Fluorophenol
Concen: 96.560 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF112042.D
Acq: 12 Jan 2019 3:57

Tgt Ion:112 Resp: 601553
Ion Ratio Lower Upper
112 100
64 62.5 48.3 72.5
63 34.2 26.1 39.1



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: 95.027 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112042.D

Acq: 12 Jan 2019 3:57

Instrument :

BNA_F

ClientSampleId :

PM-D

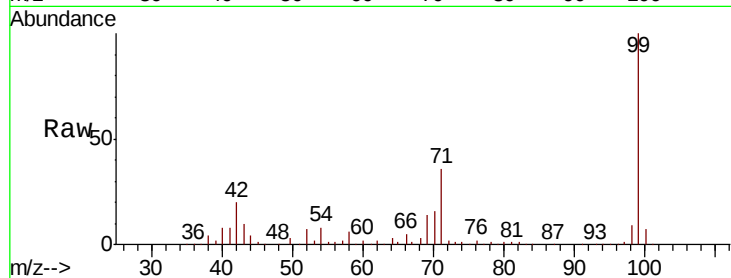
Tot Ion: 99 Resp: 763023

Ion Ratio Lower Upper

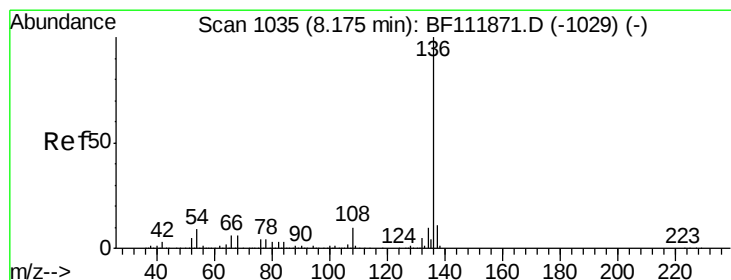
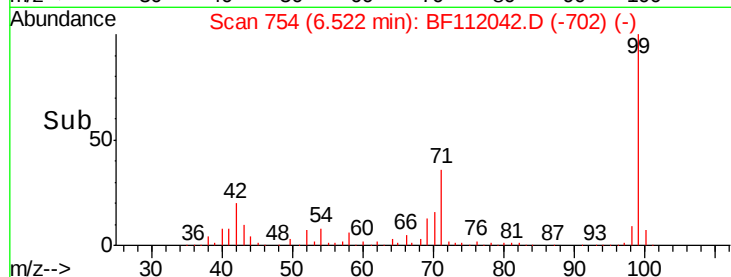
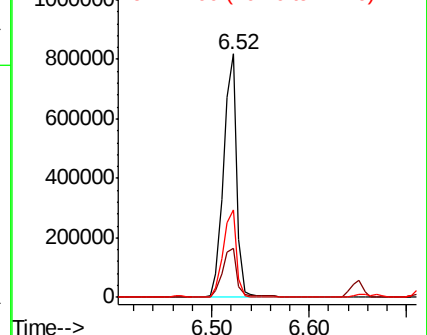
99 100

42 20.4 17.9 26.9

71 36.2 28.7 43.1



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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112042.D

Acq: 12 Jan 2019 3:57

Tgt Ion: 136 Resp: 371028

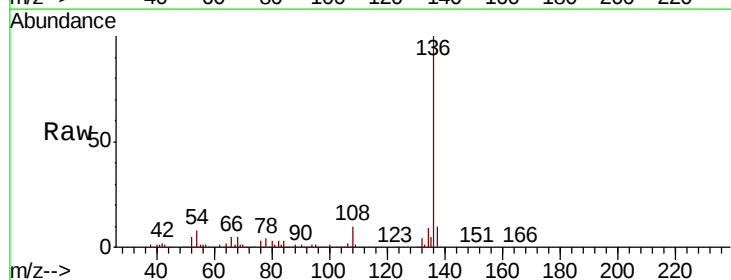
Ion Ratio Lower Upper

136 100

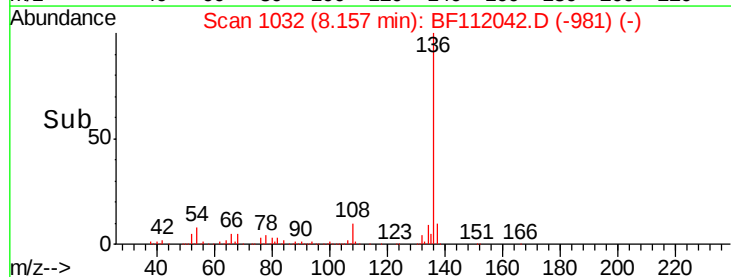
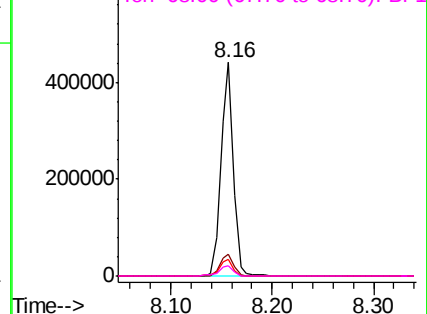
137 10.4 9.1 13.7

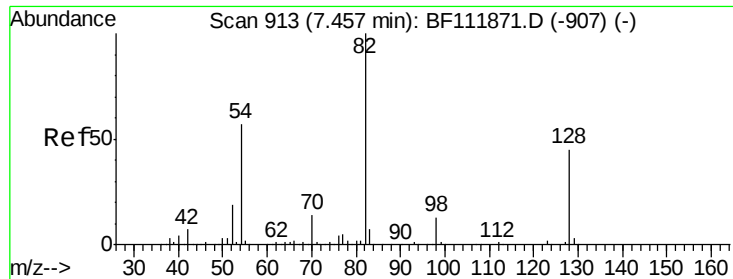
54 7.9 7.2 10.8

68 5.0 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

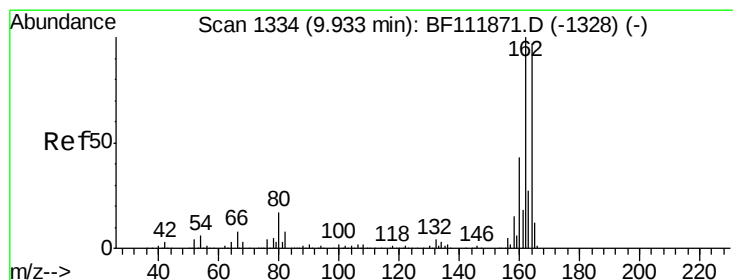
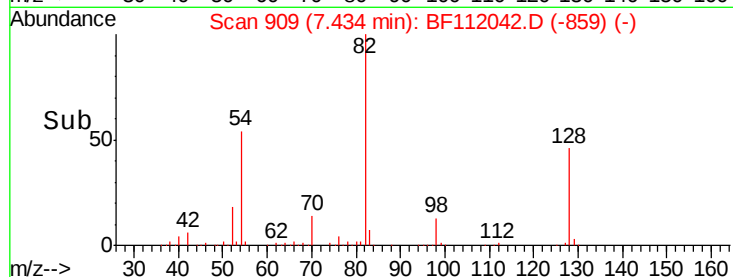
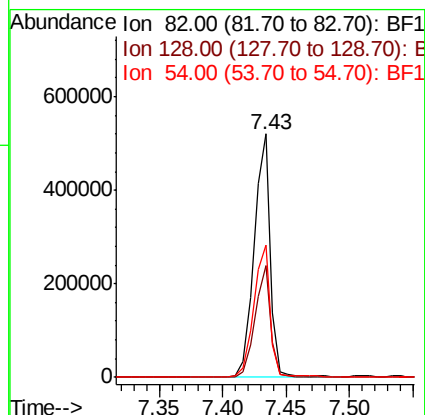
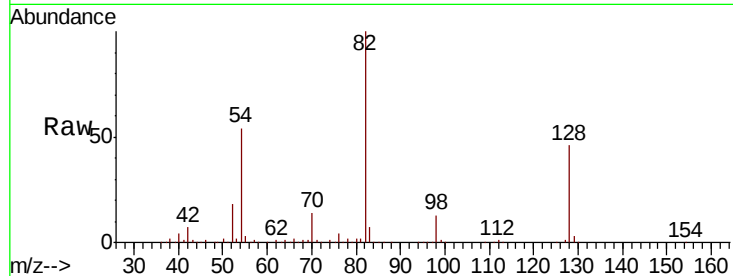




#23
 Nitrobenzene-d5
 Concen: 66.645 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF112042.D
 Acq: 12 Jan 2019 3:57

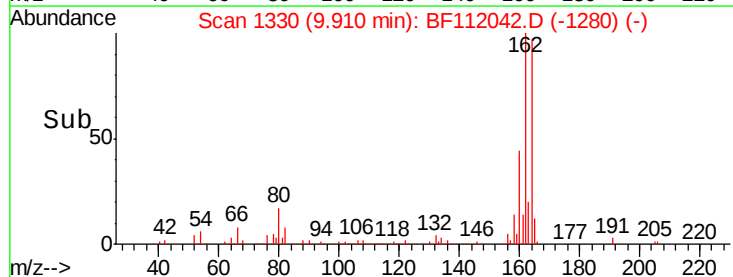
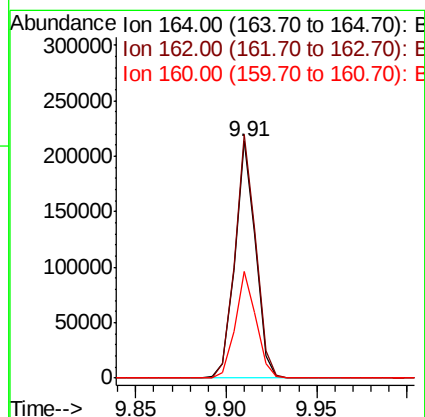
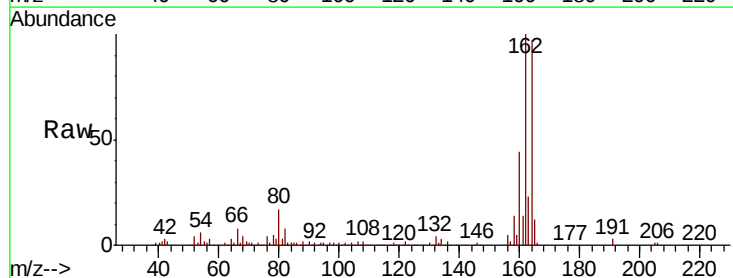
Instrument :
 BNA_F
 ClientSampleId :
 PM-D

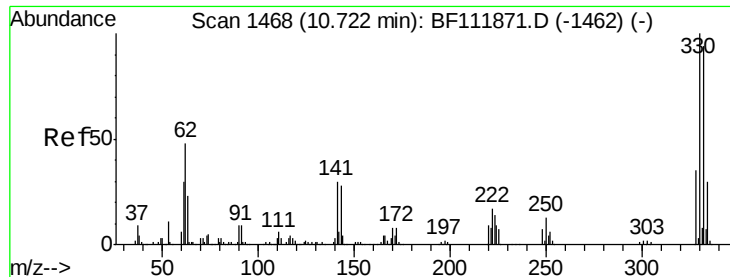
Tot Ion	82	Resp	462666
Ion Ratio	Lower	Upper	
82	100		
128	46.0	35.7	53.5
54	54.2	45.8	68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112042.D
 Acq: 12 Jan 2019 3:57

Tgt Ion	164	Resp	169169
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.2	123.2
160	44.8	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 91.593 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF112042.D

Acq: 12 Jan 2019 3:57

Instrument :

BNA_F

ClientSampleId :

PM-D

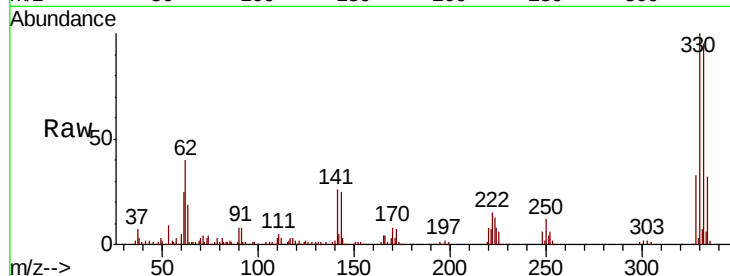
Tot Ion:330 Resp: 201540

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

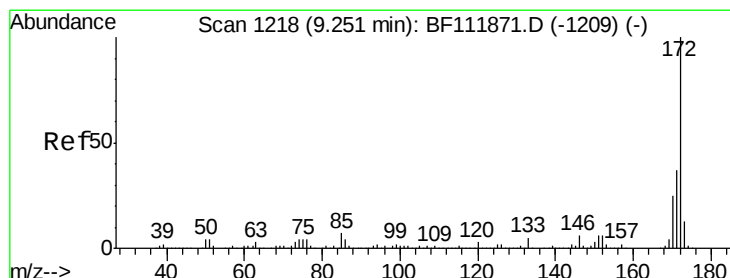
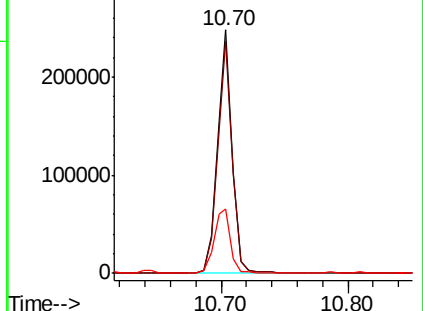
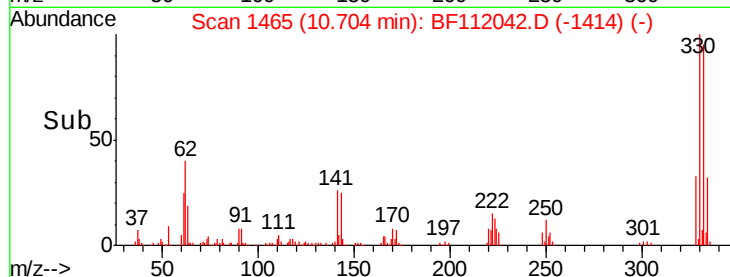
141 29.9 23.7 35.5



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: 77.514 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF112042.D

Acq: 12 Jan 2019 3:57

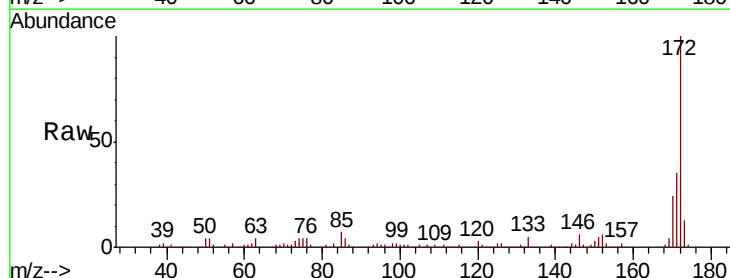
Tgt Ion:172 Resp: 899262

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

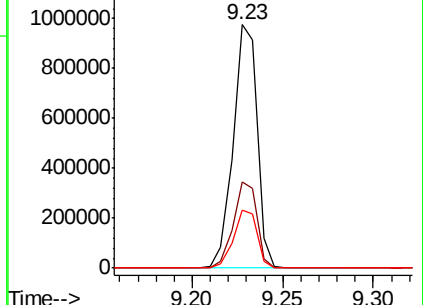
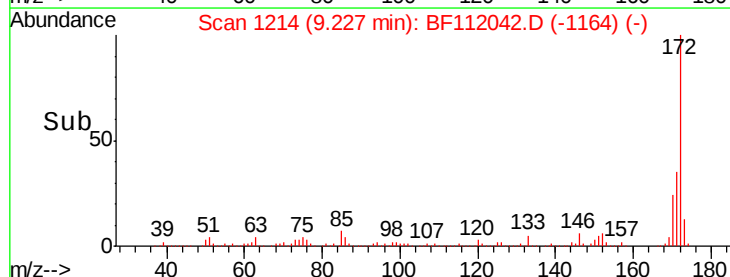
170 23.8 19.8 29.8

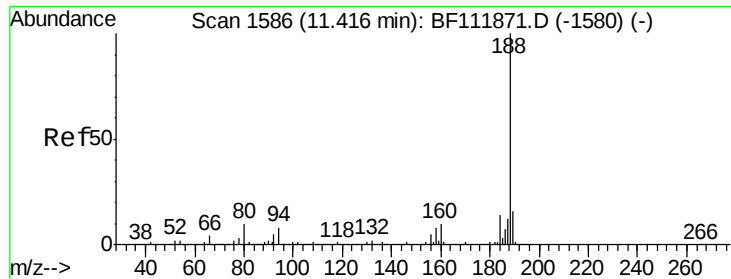


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

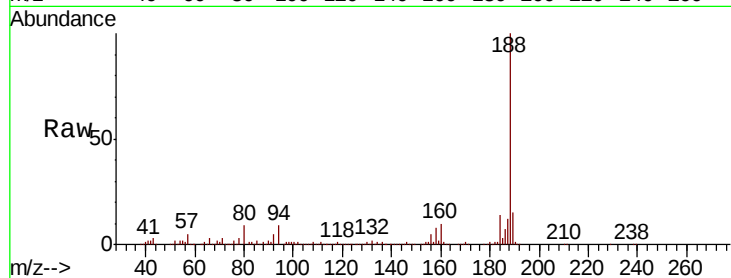




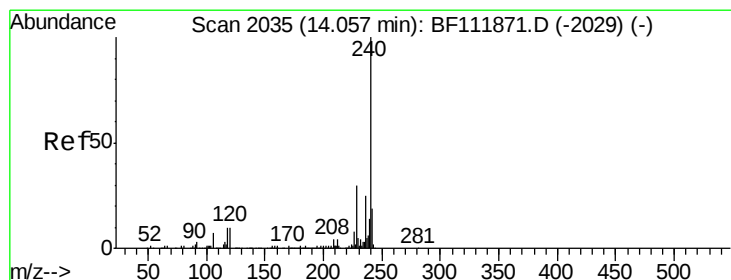
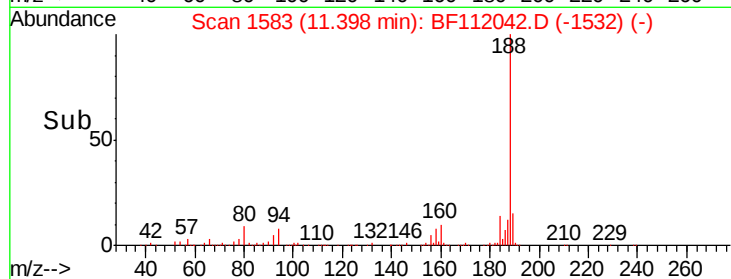
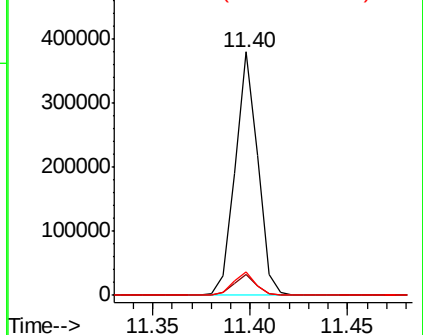
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112042.D
Acq: 12 Jan 2019 3:57

Instrument :
BNA_F
ClientSampleId :
PM-D

Tot Ion:188 Resp: 305388
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.5 7.7 11.5

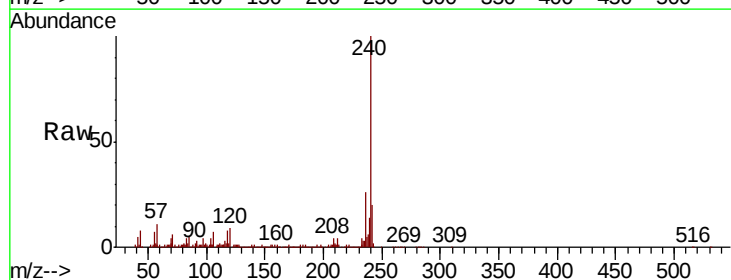


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

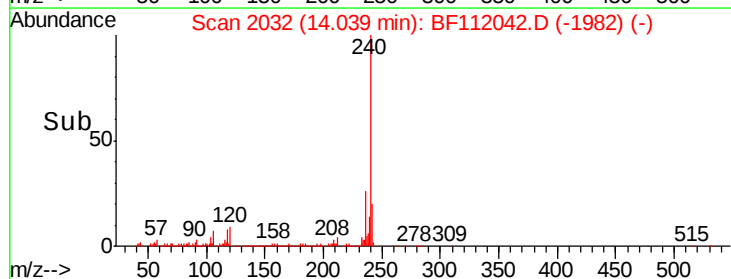
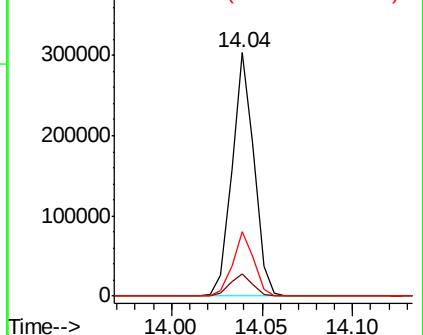


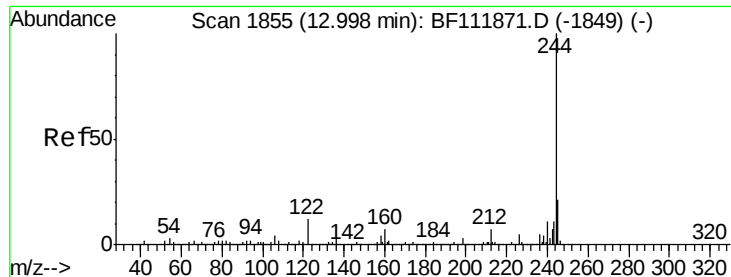
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF112042.D
Acq: 12 Jan 2019 3:57

Tgt Ion:240 Resp: 255158
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 26.3 20.2 30.4



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: 71.780 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF112042.D

Acq: 12 Jan 2019 3:57

Instrument :

BNA_F

ClientSampleID :

PM-D

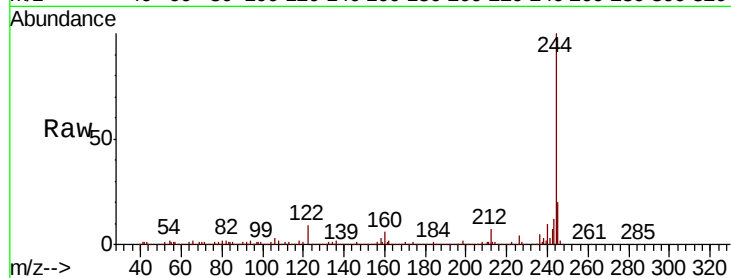
Tot Ion:244 Resp: 964867

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.1 9.5 14.3#

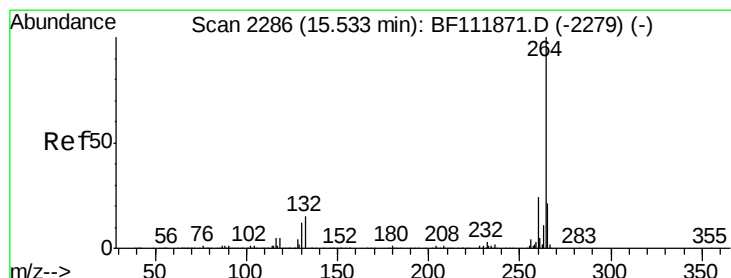
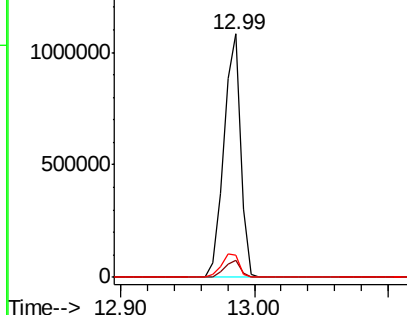
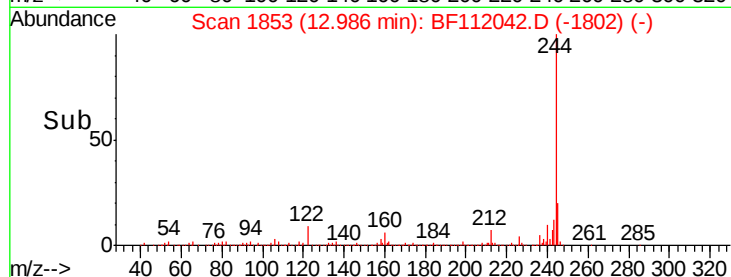


Abundance

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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112042.D

Acq: 12 Jan 2019 3:57

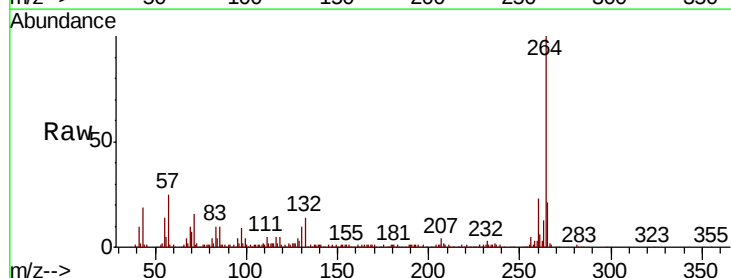
Tgt Ion:264 Resp: 174125

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.1 17.1 25.7



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

