

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112037.D
 Acq On : 12 Jan 2019 1:40
 Operator : JU/SJ
 Sample : K1124-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-20

Quant Time: Jan 12 02:48:30 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

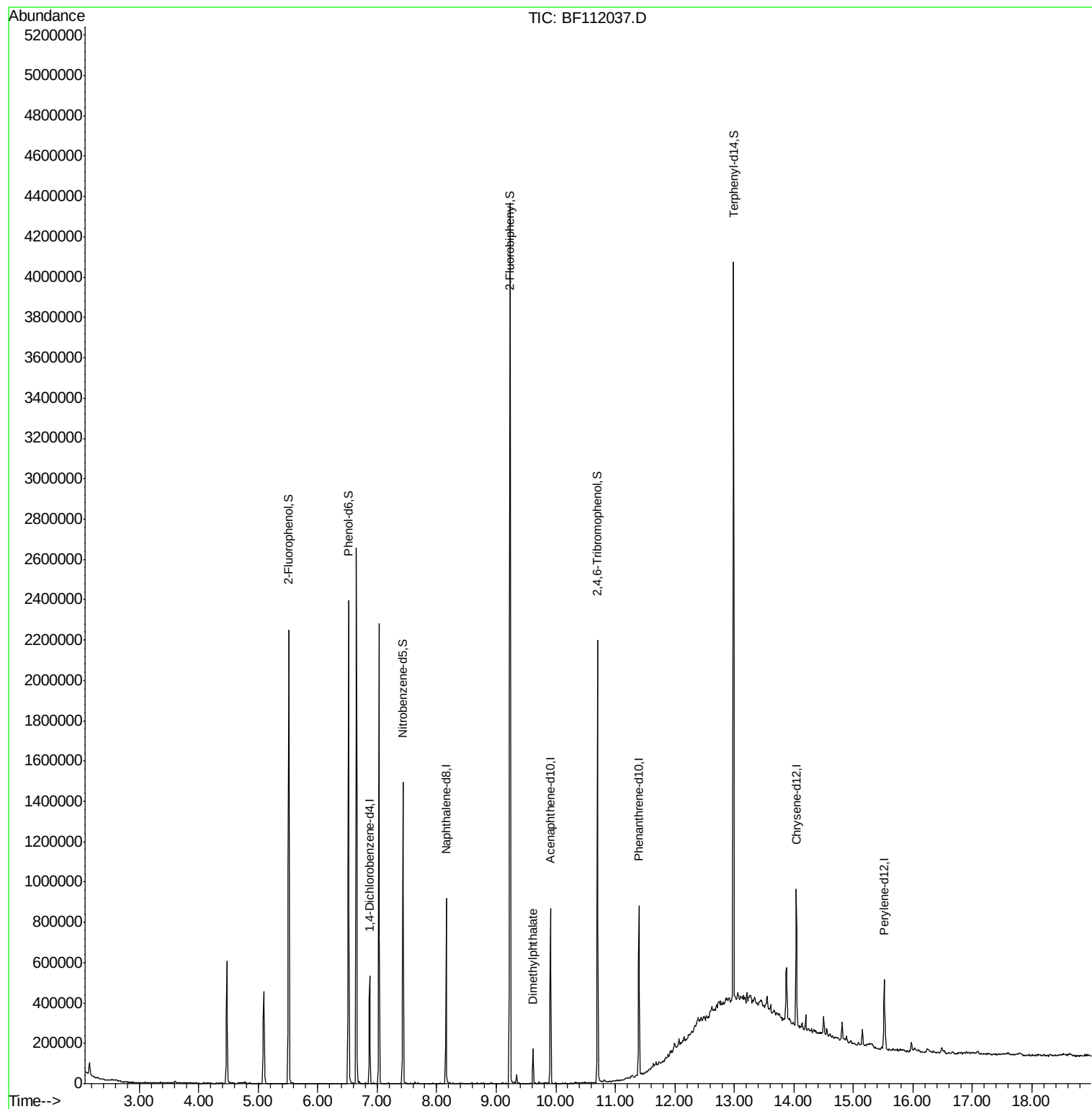
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	73944	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	398790	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	159212	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	292253	20.00	ng	0.00
76) Chrysene-d12	14.04	240	225138	20.00	ng	0.00
87) Perylene-d12	15.52	264	162785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	600053	138.83	ng	0.01
7) Phenol-d6	6.52	99	772674	138.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	489104	65.55	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	267448	129.15	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1435670	131.49	ng	0.00
79) Terphenyl-d14	12.99	244	1244447	104.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	62528	5.228	ng	Qvalue 98

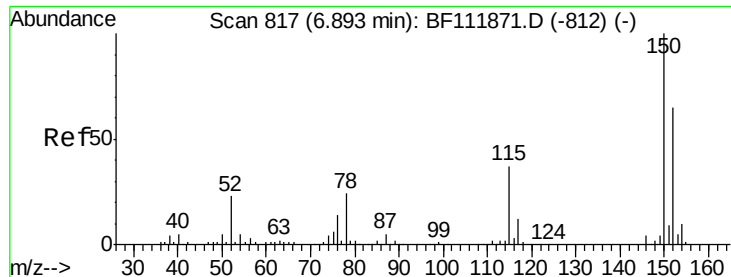
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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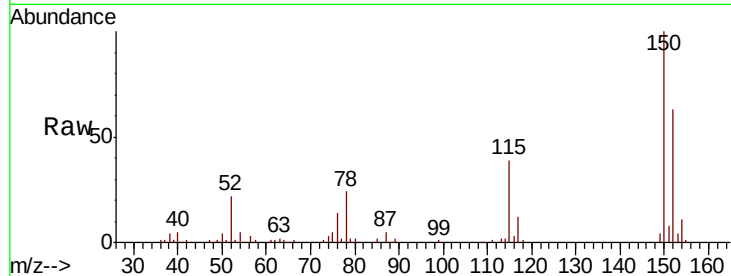


#1

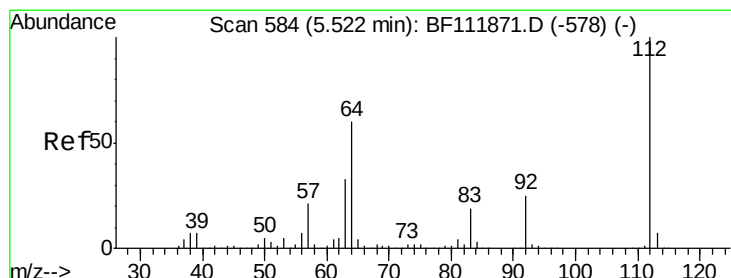
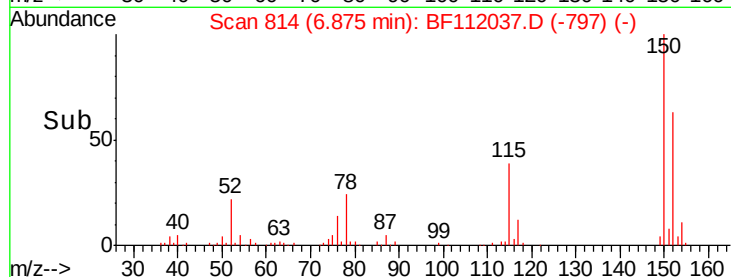
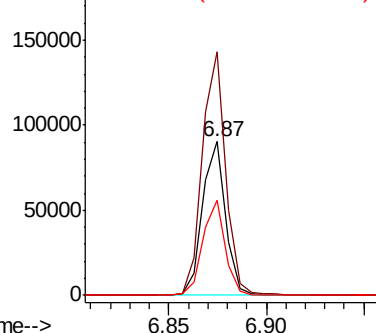
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112037.D
Acq: 12 Jan 2019 1:40

Instrument :
BNA_F
ClientSampleId :
T-20

Tot Ion:152 Resp: 73944
Ion Ratio Lower Upper
152 100
150 158.5 122.7 184.1
115 61.6 45.2 67.8



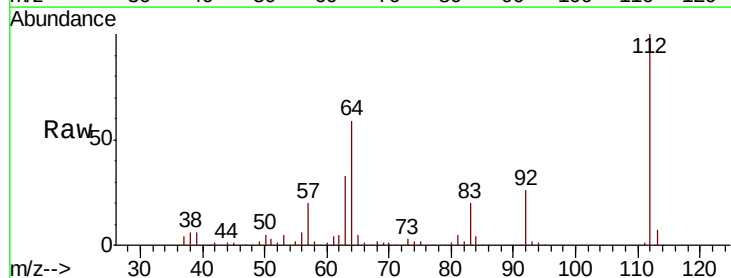
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



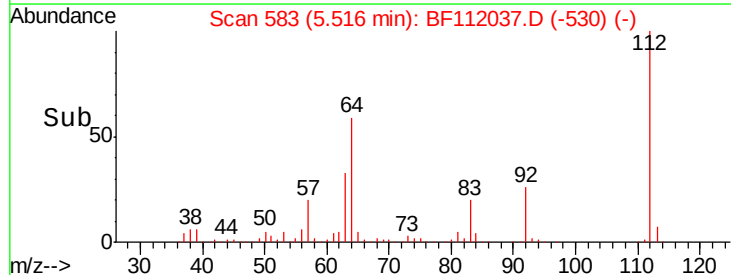
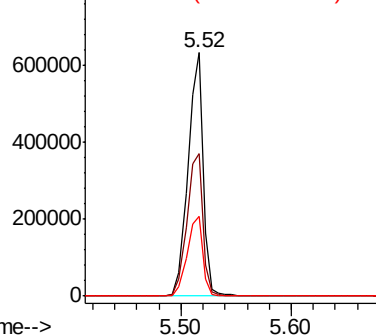
#5

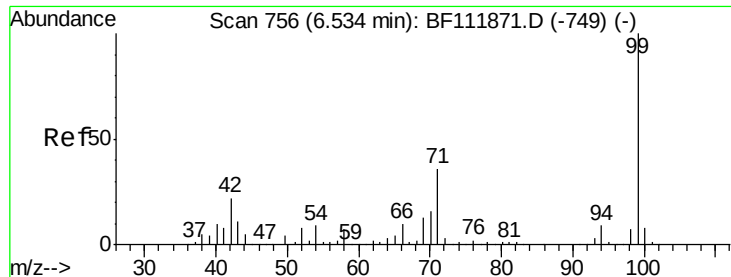
2-Fluorophenol
Concen: 138.832 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF112037.D
Acq: 12 Jan 2019 1:40

Tgt Ion:112 Resp: 600053
Ion Ratio Lower Upper
112 100
64 58.6 48.3 72.5
63 32.7 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: 138.702 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112037.D

Acq: 12 Jan 2019 1:40

Instrument :

BNA_F

ClientSampleId :

T-20

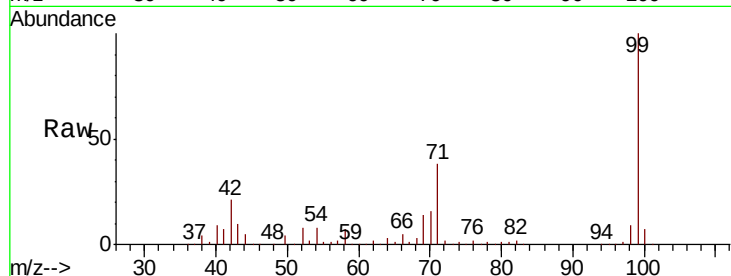
Tot Ion: 99 Resp: 772674

Ion Ratio Lower Upper

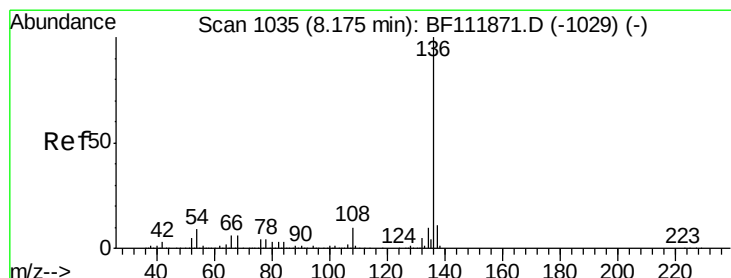
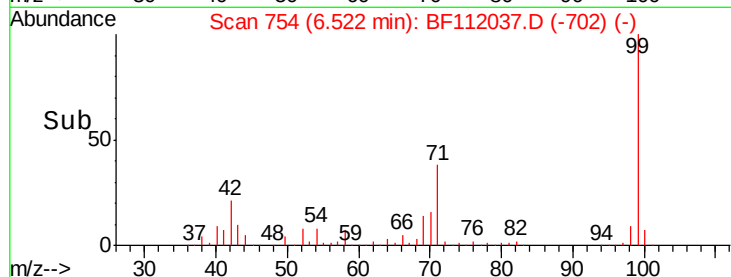
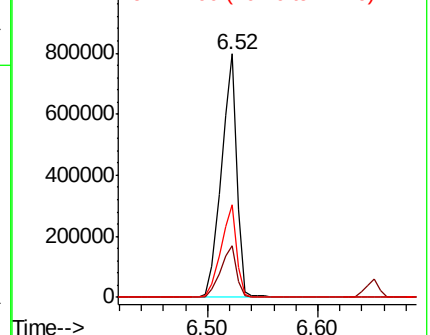
99 100

42 21.4 17.9 26.9

71 38.3 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: BF112037.D

Acq: 12 Jan 2019 1:40

Tgt Ion: 136 Resp: 398790

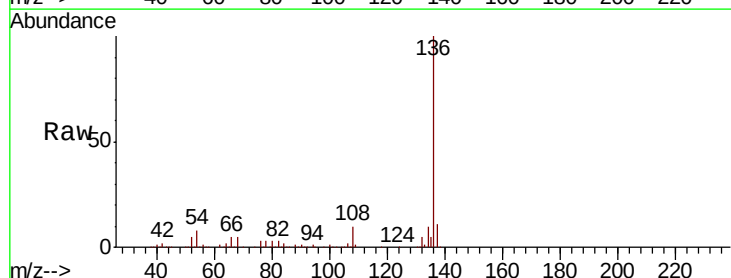
Ion Ratio Lower Upper

136 100

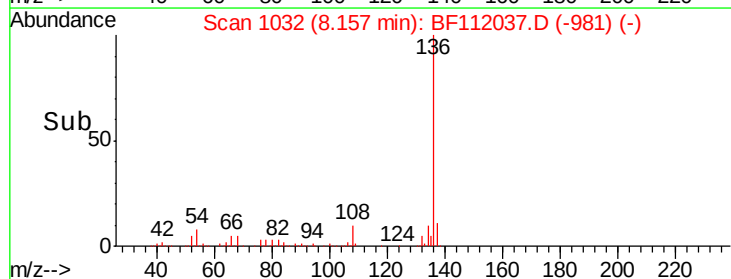
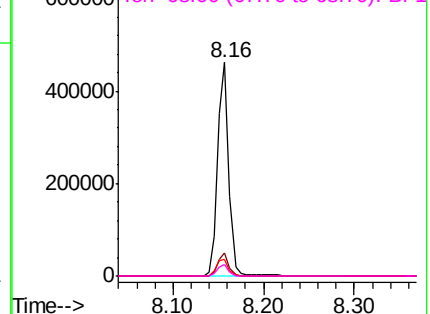
137 10.8 9.1 13.7

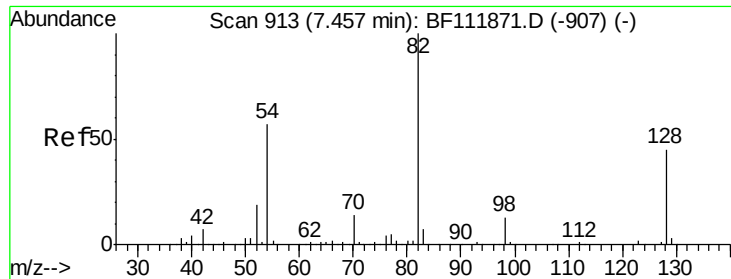
54 7.6 7.2 10.8

68 5.2 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

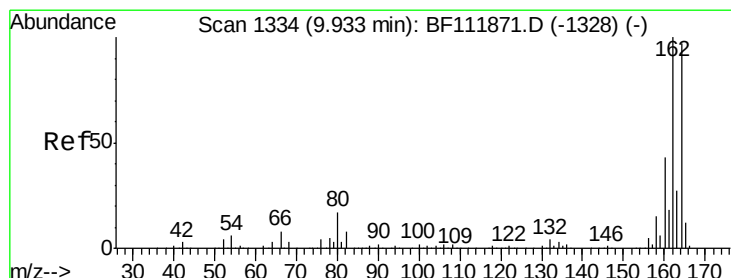
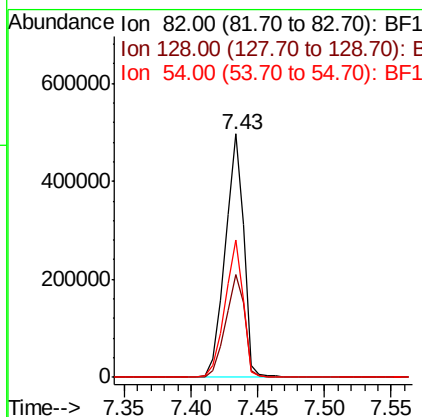
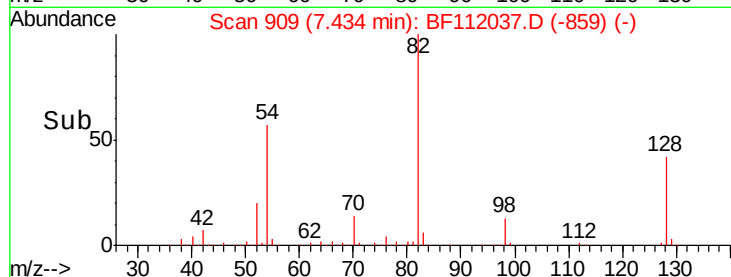
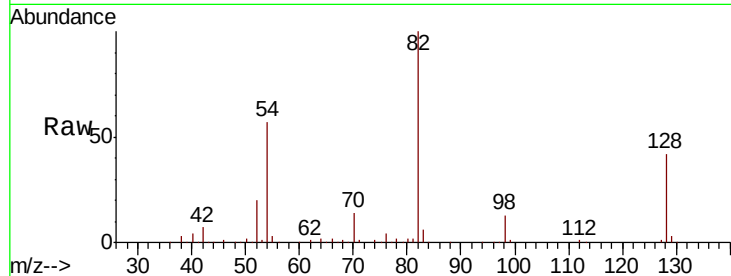




#23
 Nitrobenzene-d5
 Concen: 65.549 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF112037.D
 Acq: 12 Jan 2019 1:40

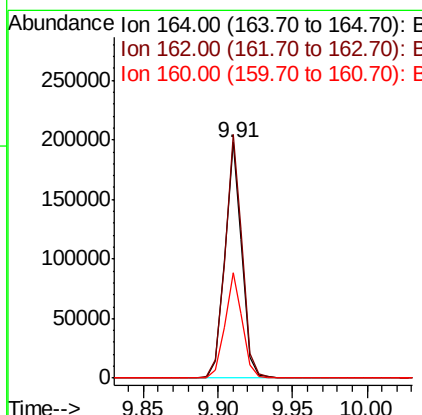
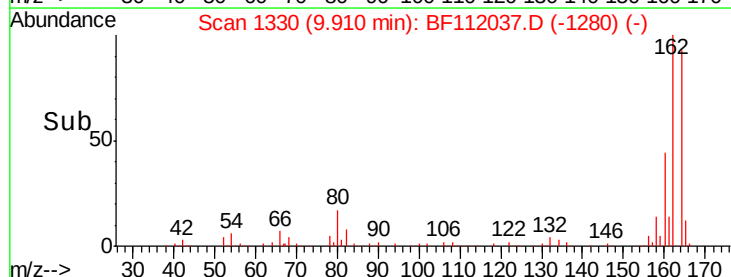
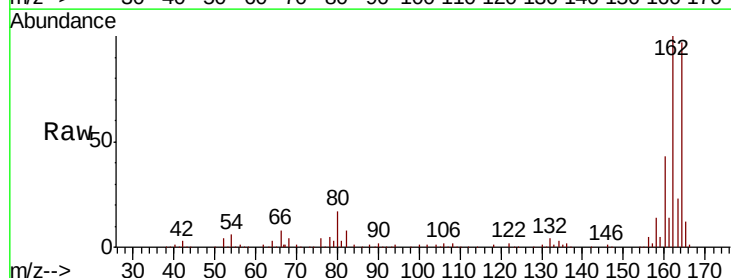
Instrument :
 BNA_F
 ClientSampleId :
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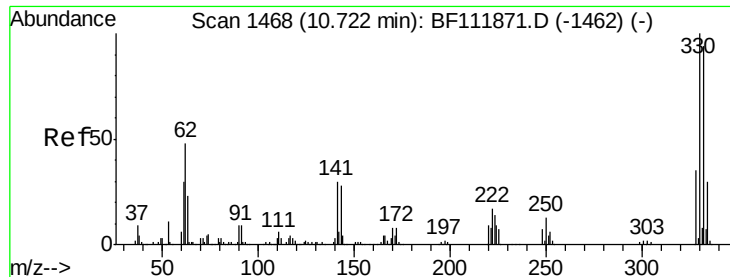
Tot Ion: 82 Resp: 489104
 Ion Ratio Lower Upper
 82 100
 128 42.0 35.7 53.5
 54 56.6 45.8 68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112037.D
 Acq: 12 Jan 2019 1:40

Tgt Ion: 164 Resp: 159212
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.2 123.2
 160 44.8 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 129.148 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF112037.D

Acq: 12 Jan 2019 1:40

Instrument :

BNA_F

ClientSampleId :

T-20

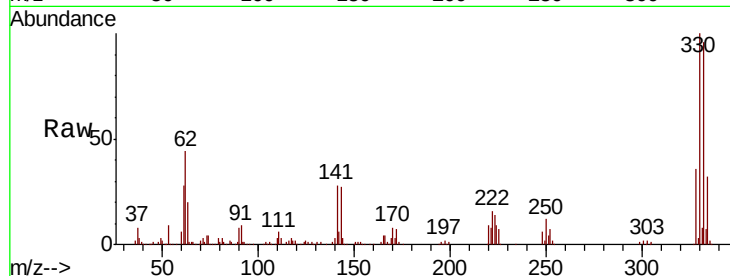
Tot Ion:330 Resp: 267448

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 29.9 23.7 35.5

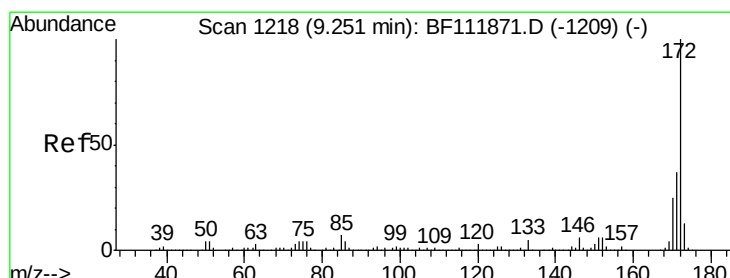
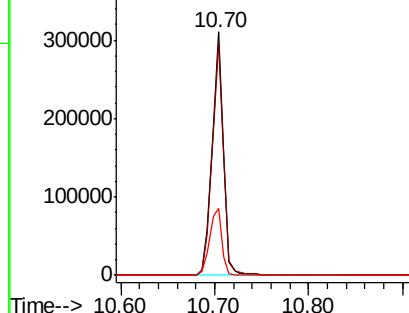
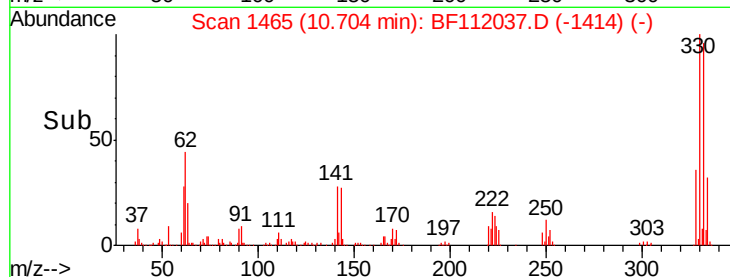


Abundance

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: 131.491 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF112037.D

Acq: 12 Jan 2019 1:40

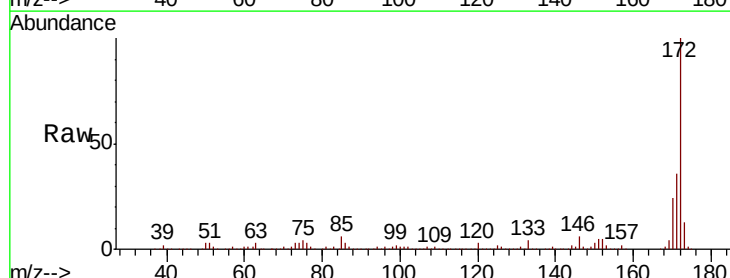
Tgt Ion:172 Resp: 1435670

Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 24.0 19.8 29.8

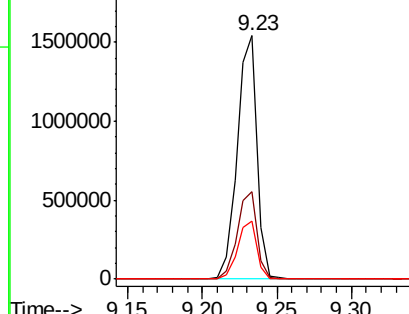
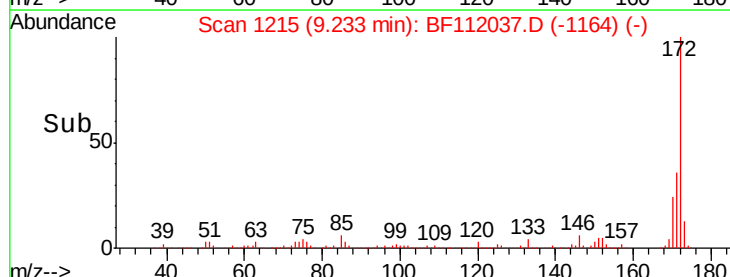


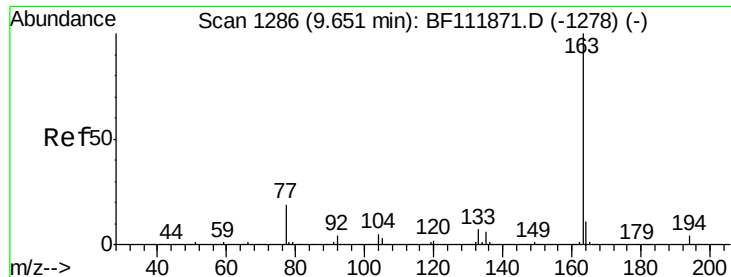
Abundance

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

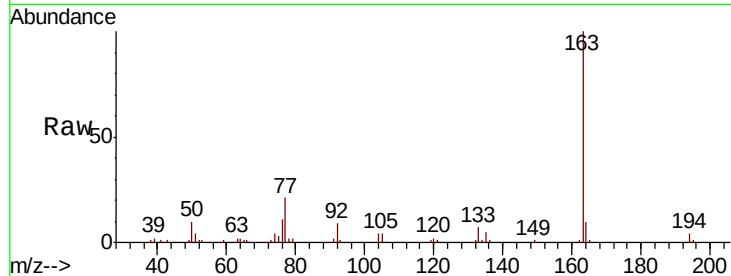




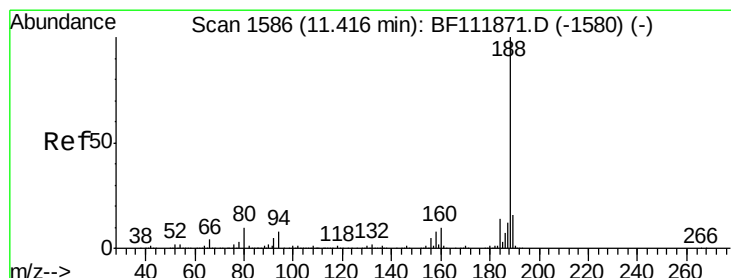
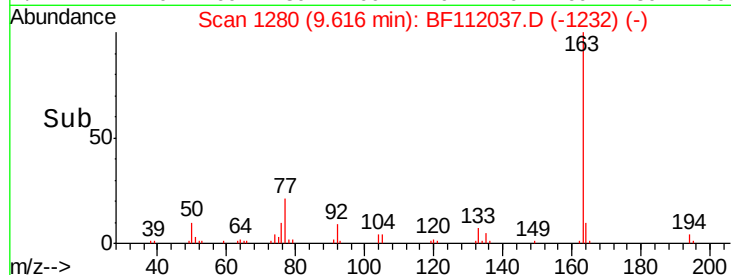
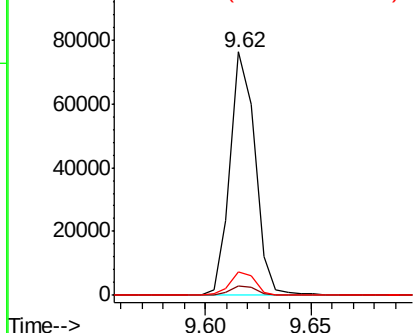
#50
Dimethylphthalate
Concen: 5.228 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112037.D
Acq: 12 Jan 2019 1:40

Instrument :
BNA_F
ClientSampled :
T-20

Tot Ion:163 Resp: 62528
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 9.8 8.5 12.7

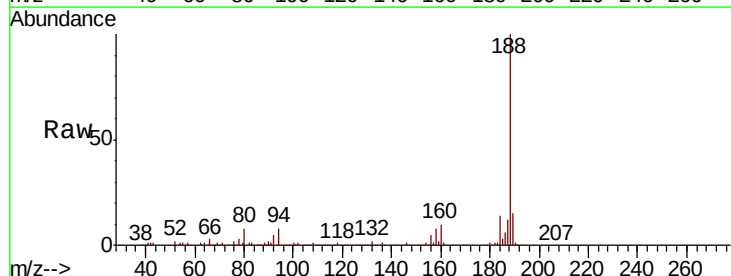


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

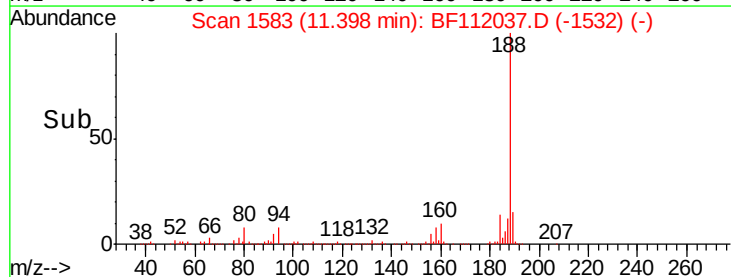
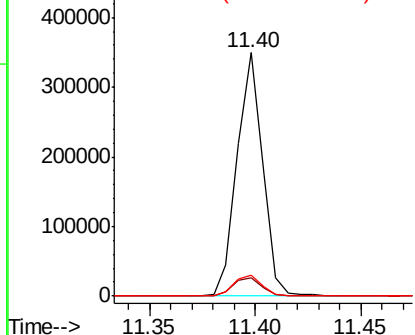


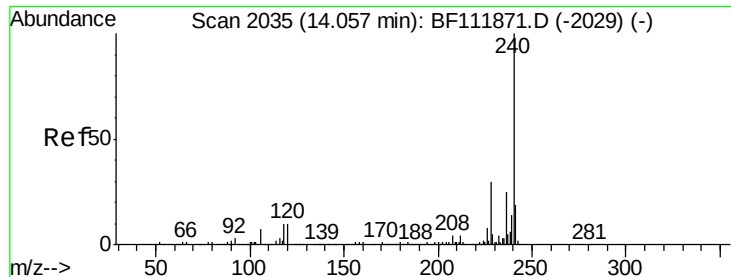
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112037.D
Acq: 12 Jan 2019 1:40

Tgt Ion:188 Resp: 292253
Ion Ratio Lower Upper
188 100
94 7.7 6.6 10.0
80 8.4 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

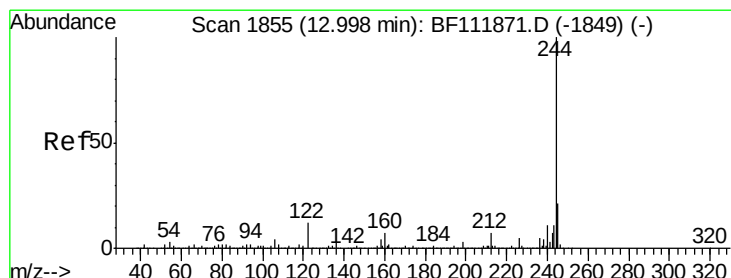
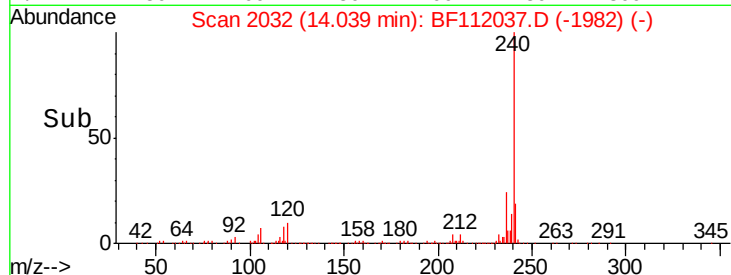
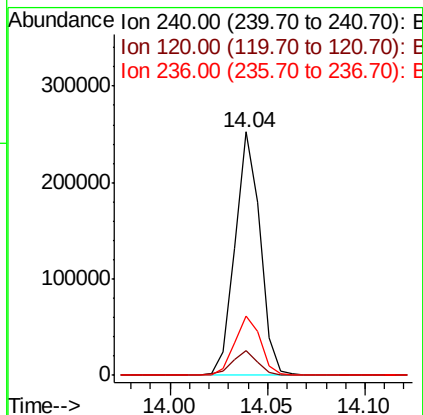
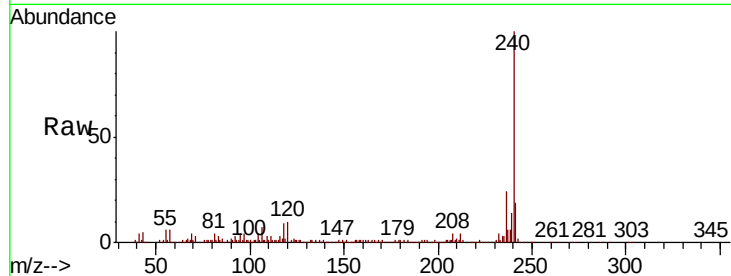




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF112037.D
Acq: 12 Jan 2019 1:40

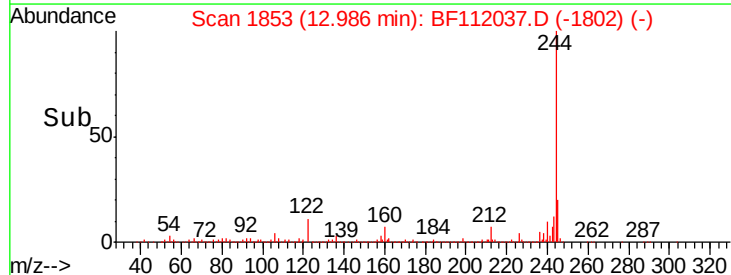
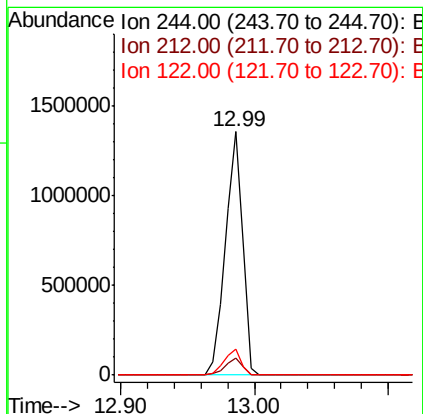
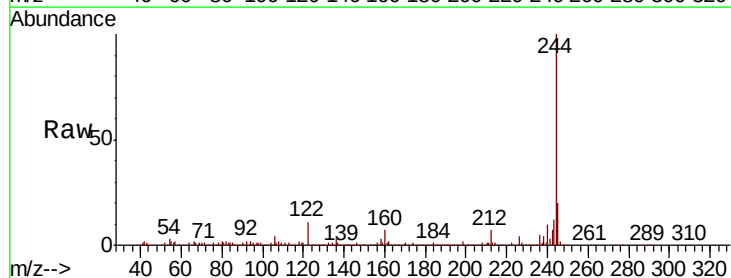
Instrument :
BNA_F
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T-20

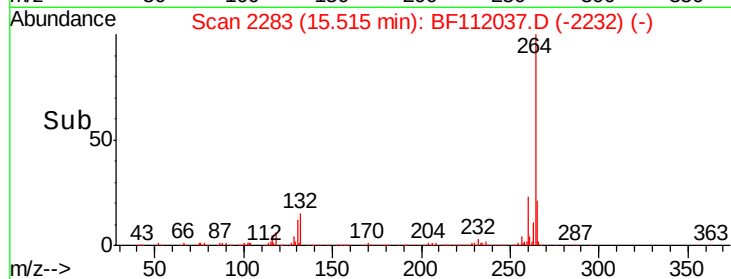
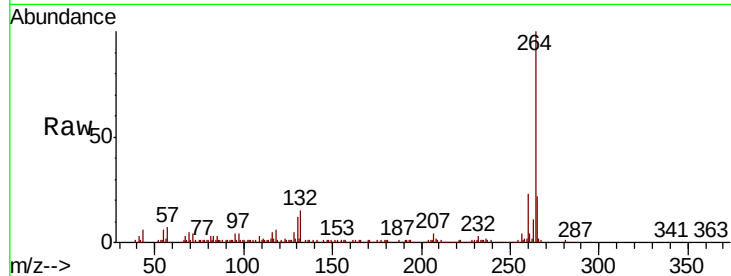
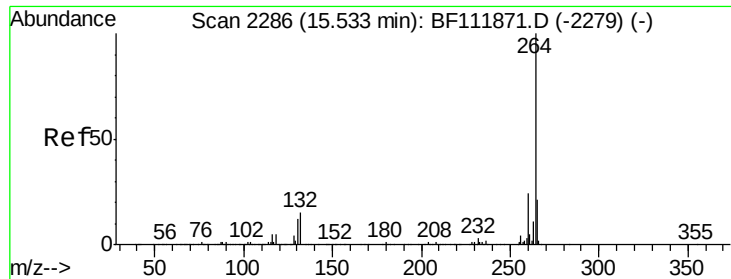
Tot Ion:240 Resp: 225138
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.3 20.2 30.4



#79
Terphenyl-d14
Concen: 104.924 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF112037.D
Acq: 12 Jan 2019 1:40

Tgt Ion:244 Resp: 1244447
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.7 9.5 14.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF112037.D
Acq: 12 Jan 2019 1:40

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	264	Resp:	162785
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.2	28.8
265	21.7	17.1	25.7

