

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112630.D
 Acq On : 19 Feb 2019 19:34
 Operator : JU/SJ
 Sample : K1525-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-14-S

Quant Time: Feb 20 03:42:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93761	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	377465	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	183155	20.00	ng	-0.03
64) Phenanthrene-d10	11.34	188	342415	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	219221	20.00	ng	-0.02
87) Perylene-d12	15.47	264	228368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	266990	60.48	ng	-0.03
7) Phenol-d6	6.47	99	348774	56.86	ng	-0.02
23) Nitrobenzene-d5	7.39	82	224747	34.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	106787	50.09	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	467088	36.07	ng	-0.03
79) Terphenyl-d14	12.92	244	420633	36.14	ng	-0.03

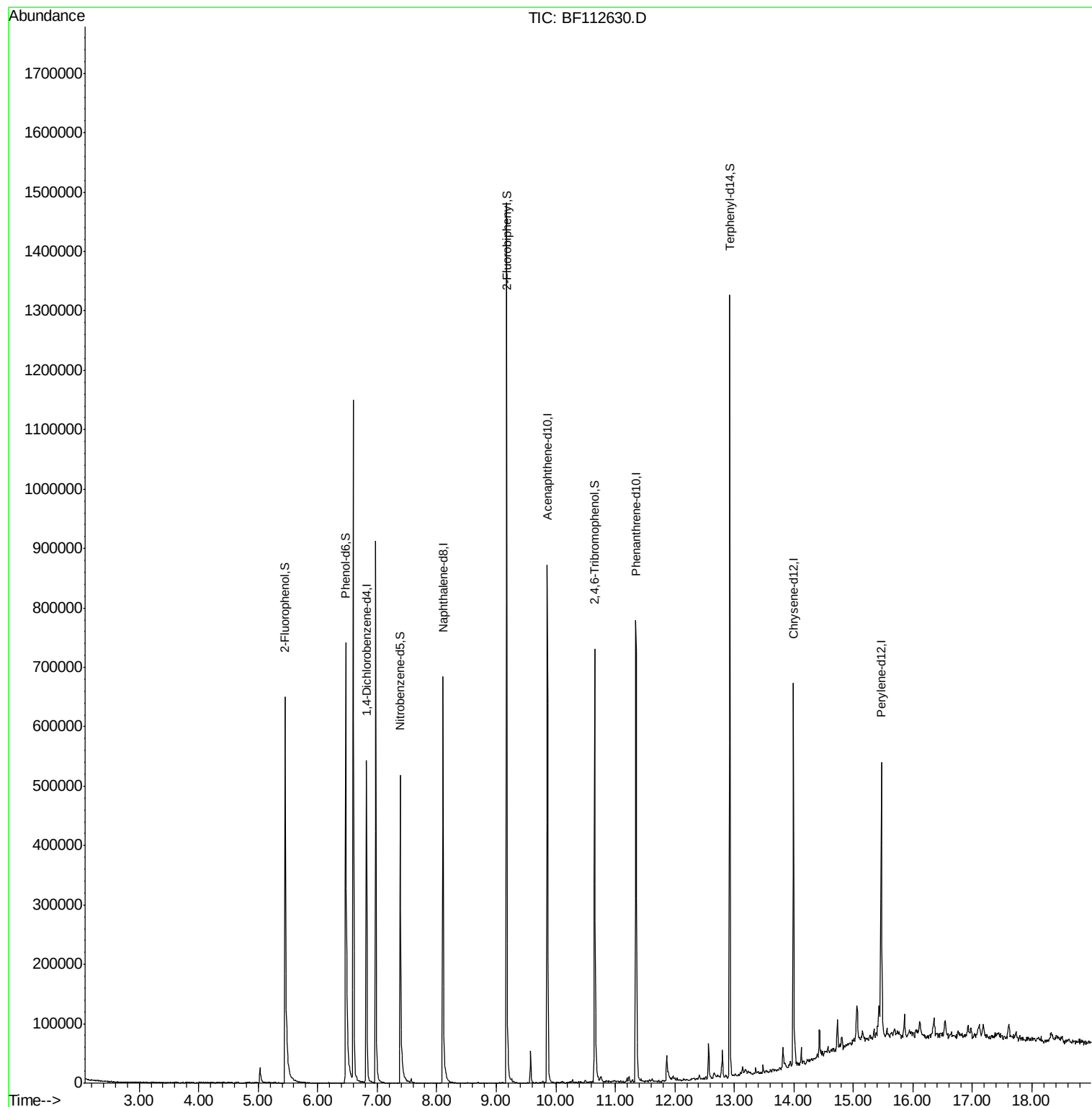
Target Compounds Qvalue

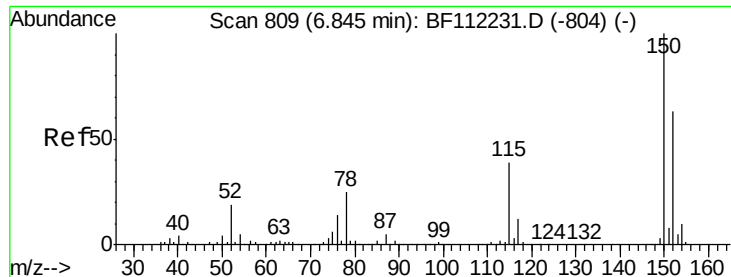
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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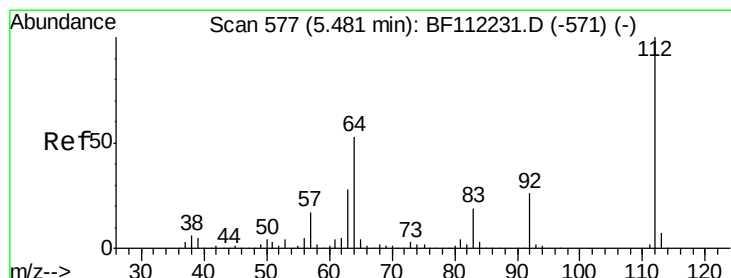
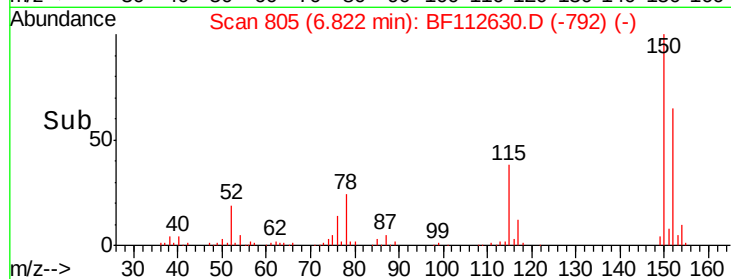
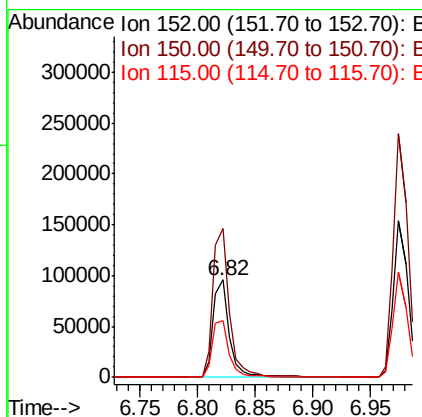
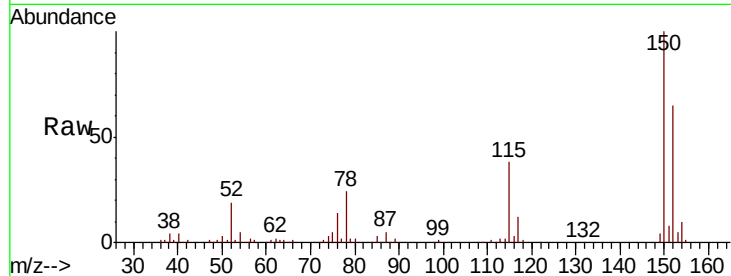


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112630.D
Acq: 19 Feb 2019 19:34

Instrument :
BNA_F
ClientSampleId :
M-14-S

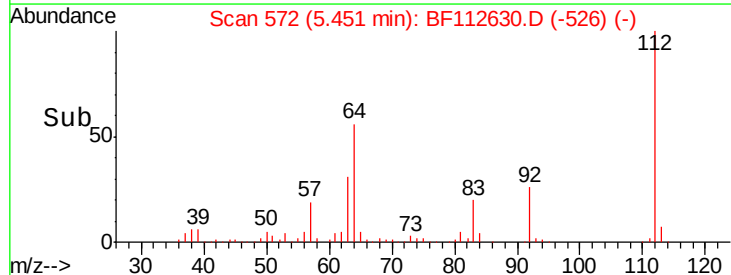
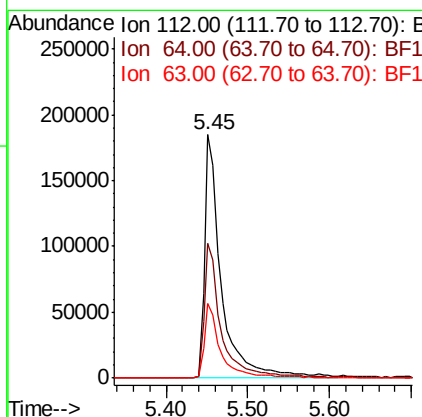
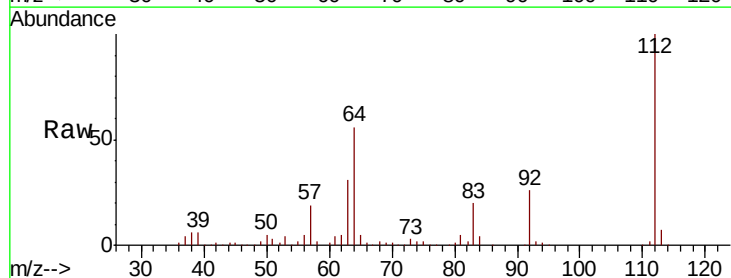
Tot Ion:152 Resp: 93761
Ion Ratio Lower Upper
152 100
150 153.5 127.4 191.0
115 58.1 45.5 68.3

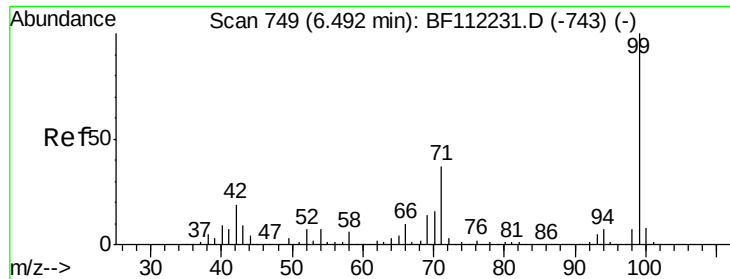


#5

2-Fluorophenol
Concen: 60.484 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF112630.D
Acq: 19 Feb 2019 19:34

Tgt Ion:112 Resp: 266990
Ion Ratio Lower Upper
112 100
64 55.6 45.7 68.5
63 30.8 23.6 35.4





#7

Phenol-d6

Concen: 56.861 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

Instrument :

BNA_F

ClientSampleId :

M-14-S

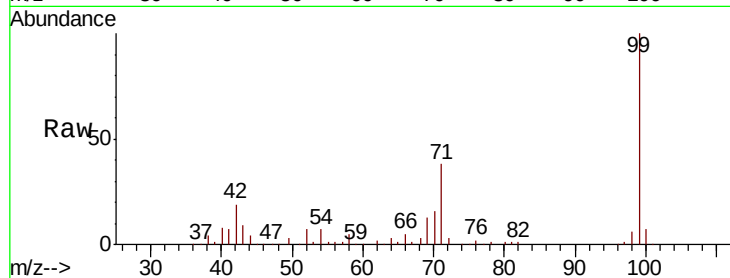
Tot Ion: 99 Resp: 348774

Ion Ratio Lower Upper

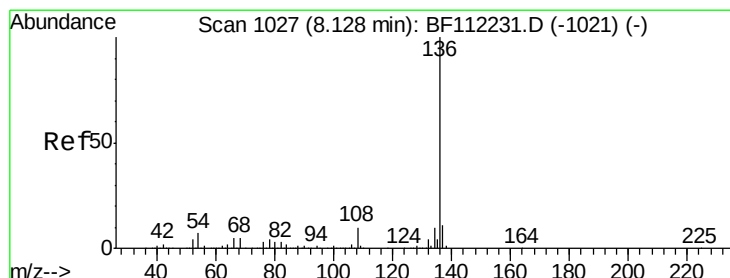
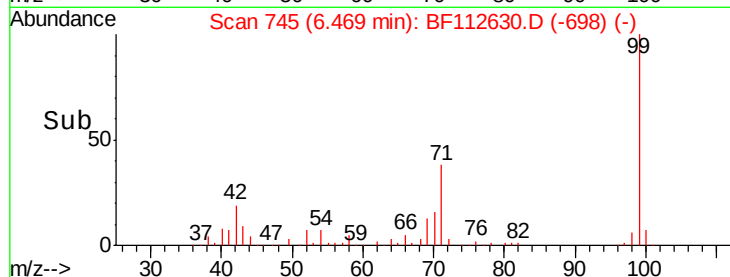
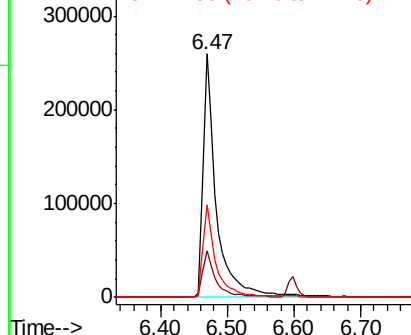
99 100

42 19.2 15.1 22.7

71 38.2 26.9 40.3



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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

Tgt Ion: 136 Resp: 377465

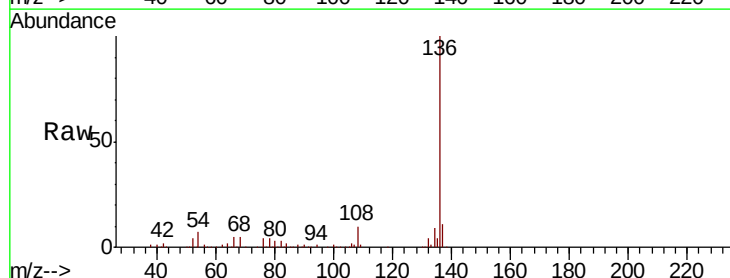
Ion Ratio Lower Upper

136 100

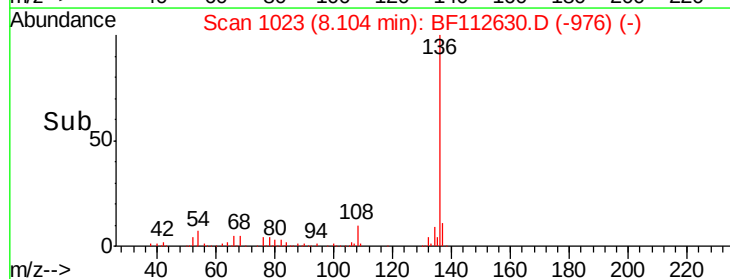
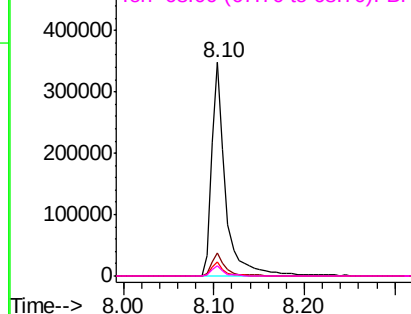
137 10.7 9.1 13.7

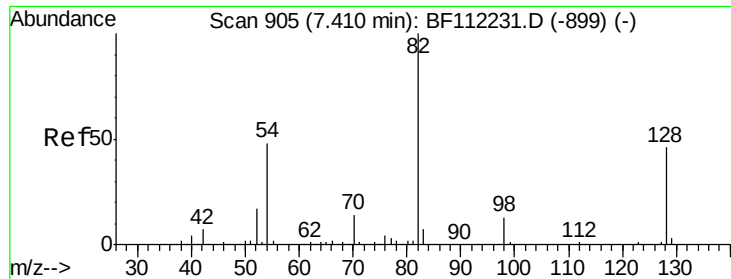
54 6.7 5.9 8.9

68 4.7 5.1 7.7#



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

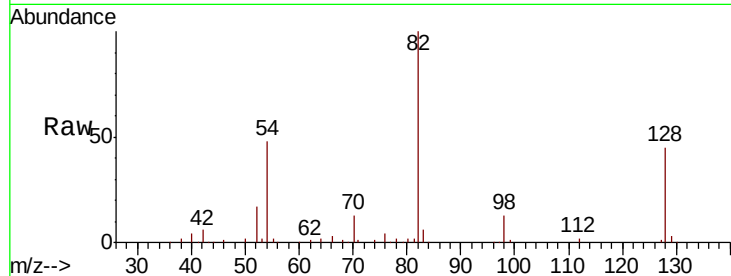




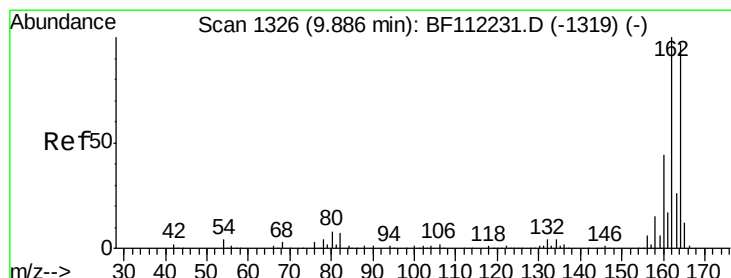
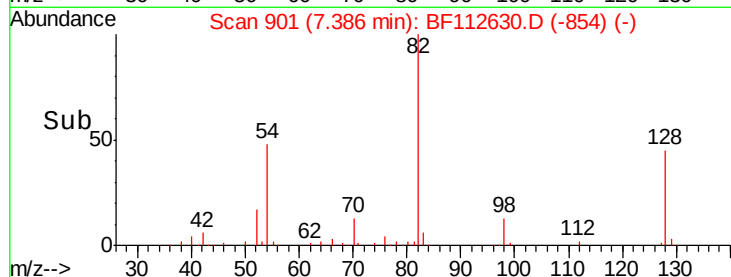
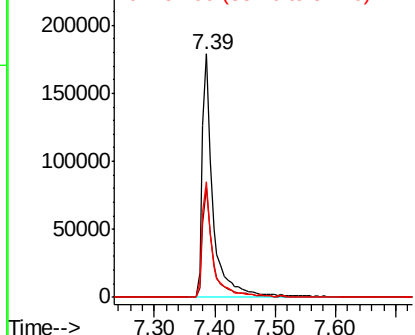
#23
 Nitrobenzene-d5
 Concen: 34.307 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF112630.D
 Acq: 19 Feb 2019 19:34

Instrument :
 BNA_F
 ClientSampleID :
 M-14-S

Tot Ion	82	Resp	224747
Ion Ratio	100	Lower	Upper
128	45.1	37.8	56.8
54	47.6	39.7	59.5

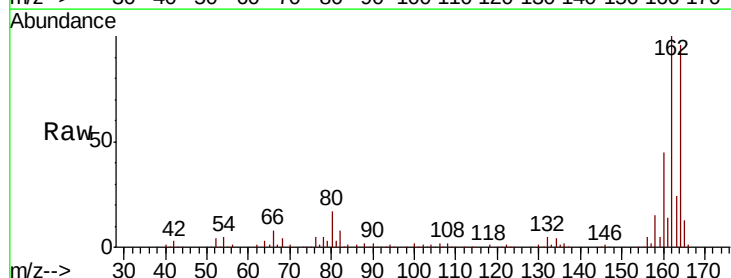


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

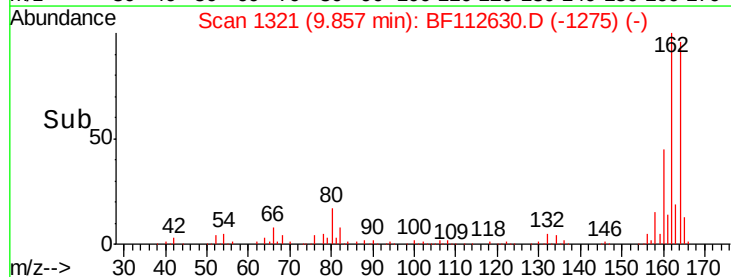
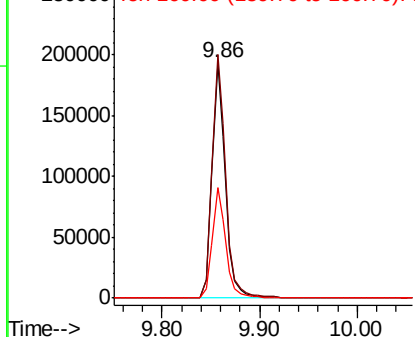


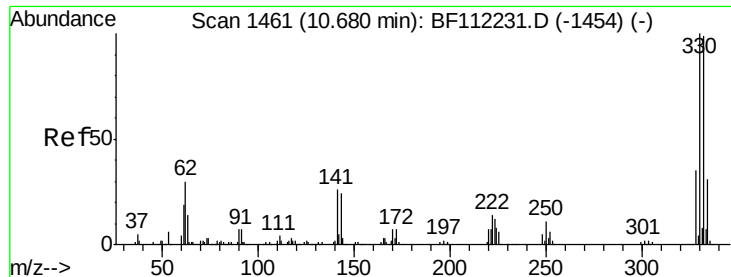
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF112630.D
 Acq: 19 Feb 2019 19:34

Tgt Ion	164	Resp	183155
Ion Ratio	100	Lower	Upper
162	103.6	82.2	123.4
160	47.1	36.2	54.4



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

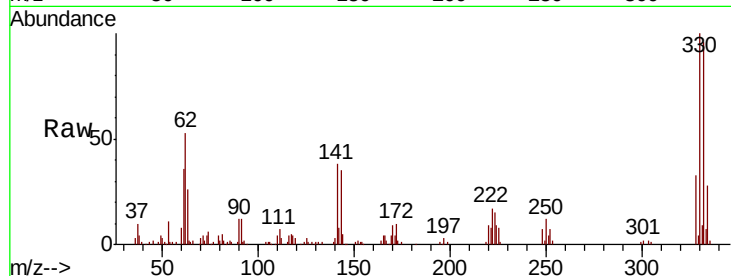




#42
 2,4,6-Tribromophenol
 Concen: 50.091 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.03 min
 Lab File: BF112630.D
 Acq: 19 Feb 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 M-14-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	114.8
141	35.3	24.3	36.5

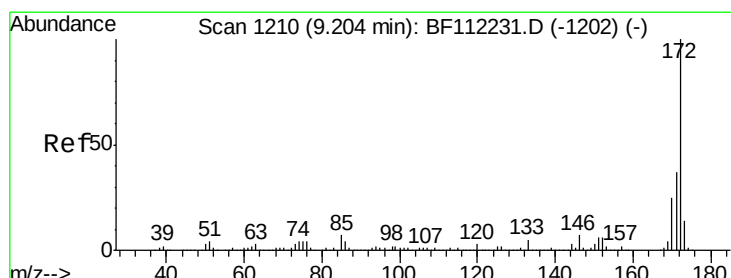
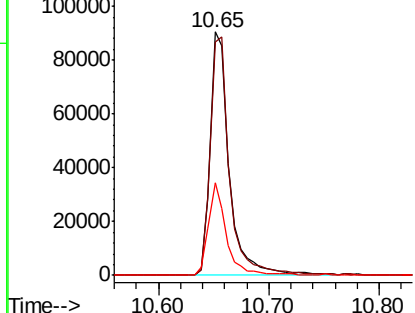
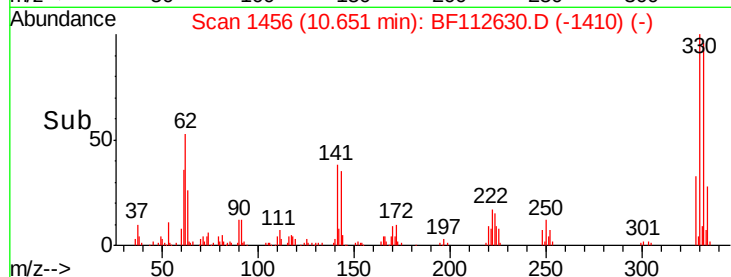


Abundance

Ion 329.80 (329.50 to 330.50): E

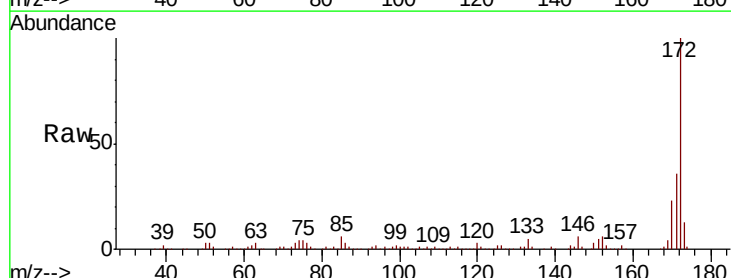
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 36.069 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112630.D
 Acq: 19 Feb 2019 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.3	20.2	30.4

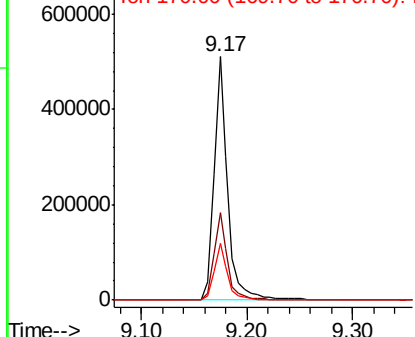
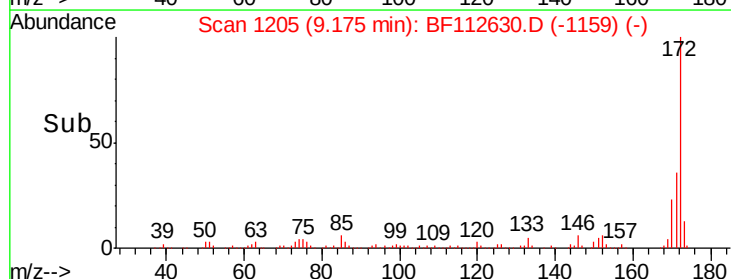


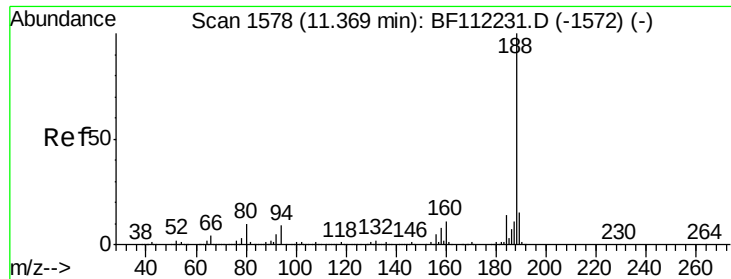
Abundance

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: 11.34 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

Instrument :

BNA_F

ClientSampleId :

M-14-S

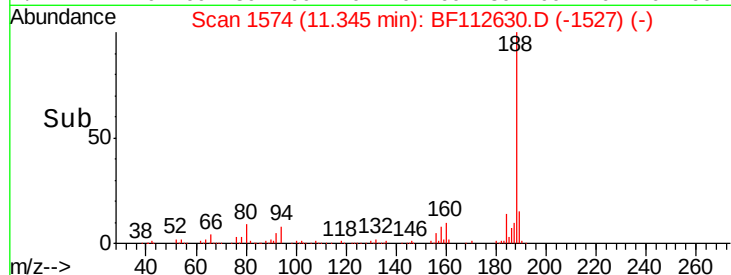
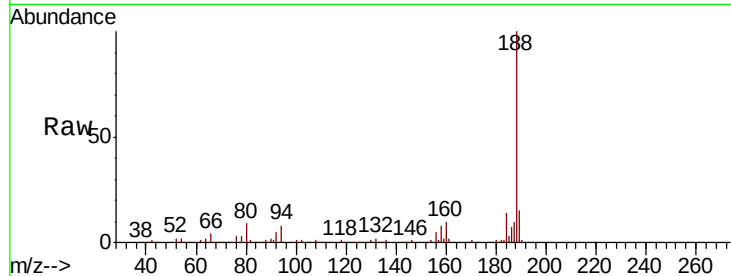
Tot Ion:188 Resp: 342415

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

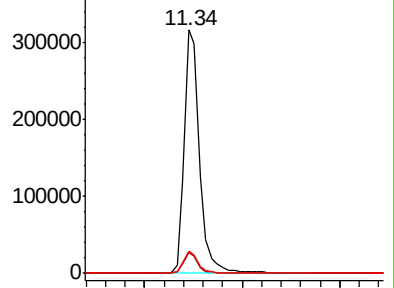
80 9.4 8.9 13.3



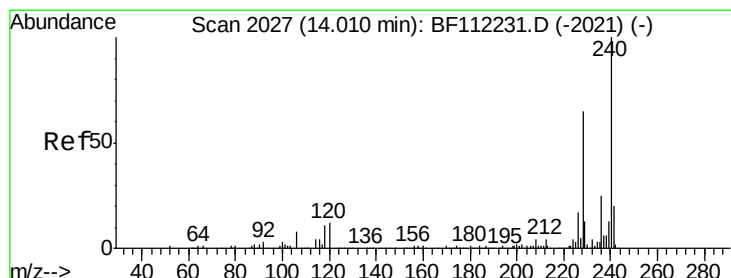
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

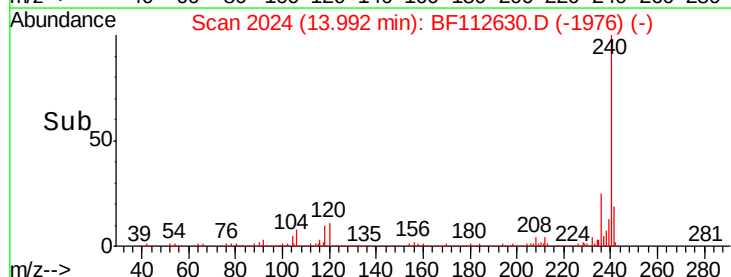
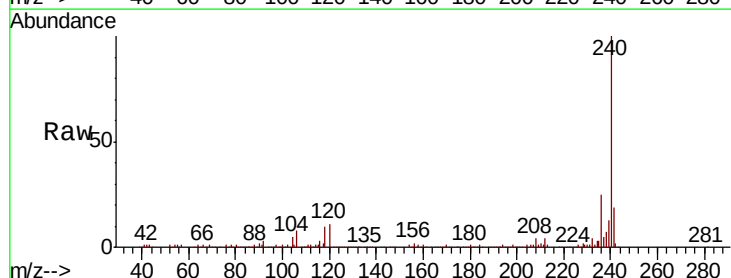
Tgt Ion:240 Resp: 219221

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

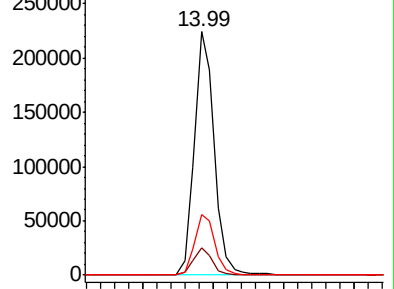
236 25.1 20.7 31.1



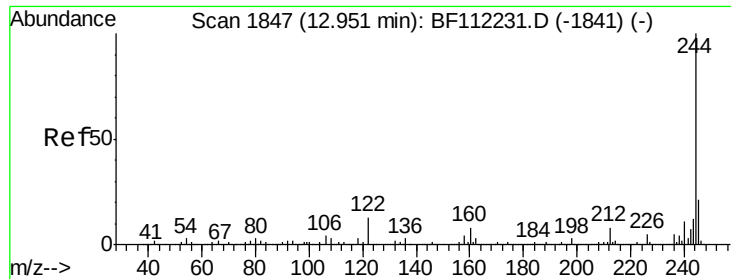
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



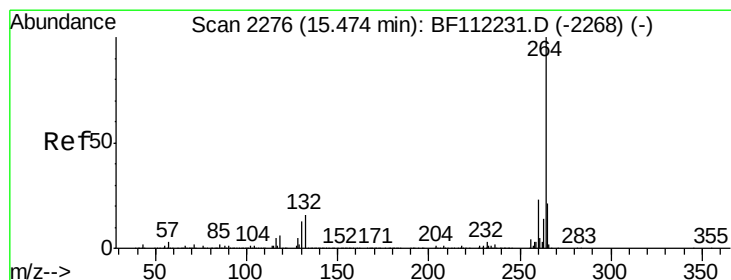
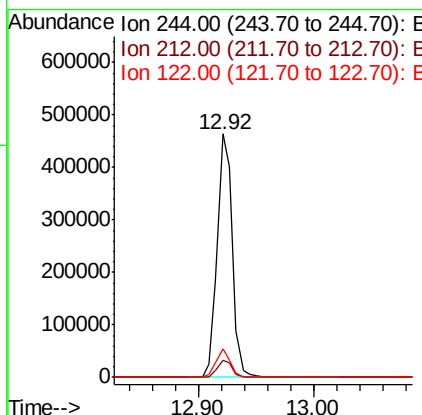
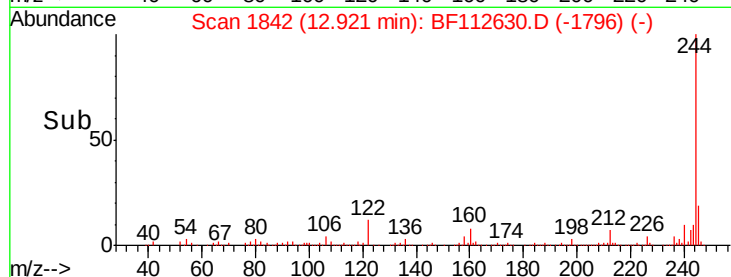
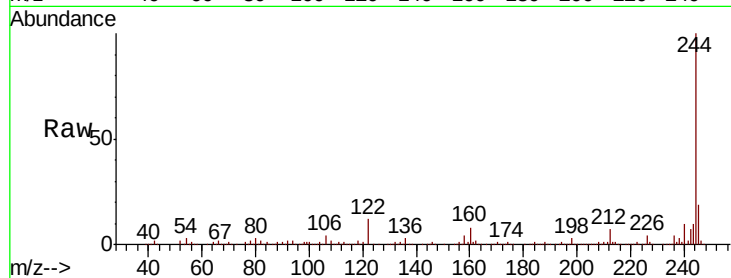
Time-->



#79
 Terphenyl-d14
 Concen: 36.139 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF112630.D
 Acq: 19 Feb 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 M-14-S

Tot Ion:244 Resp: 420633
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.6 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112630.D
 Acq: 19 Feb 2019 19:34

Tgt Ion:264 Resp: 228368
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 20.8 17.0 25.4

