

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112701.D
 Acq On : 25 Feb 2019 19:13
 Operator : JU/SJ
 Sample : K1596-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Quant Time: Feb 26 00:24:57 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	61261	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	230909	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	95836	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	178631	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	174936	20.00	ng	-0.03
87) Perylene-d12	15.46	264	132334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	60970	21.14	ng	0.00
7) Phenol-d6	6.50	99	78461	19.58	ng	0.00
23) Nitrobenzene-d5	7.39	82	50086	12.50	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	19032	17.06	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	83922	12.39	ng	-0.04
79) Terphenyl-d14	12.91	244	87155	9.38	ng	-0.04

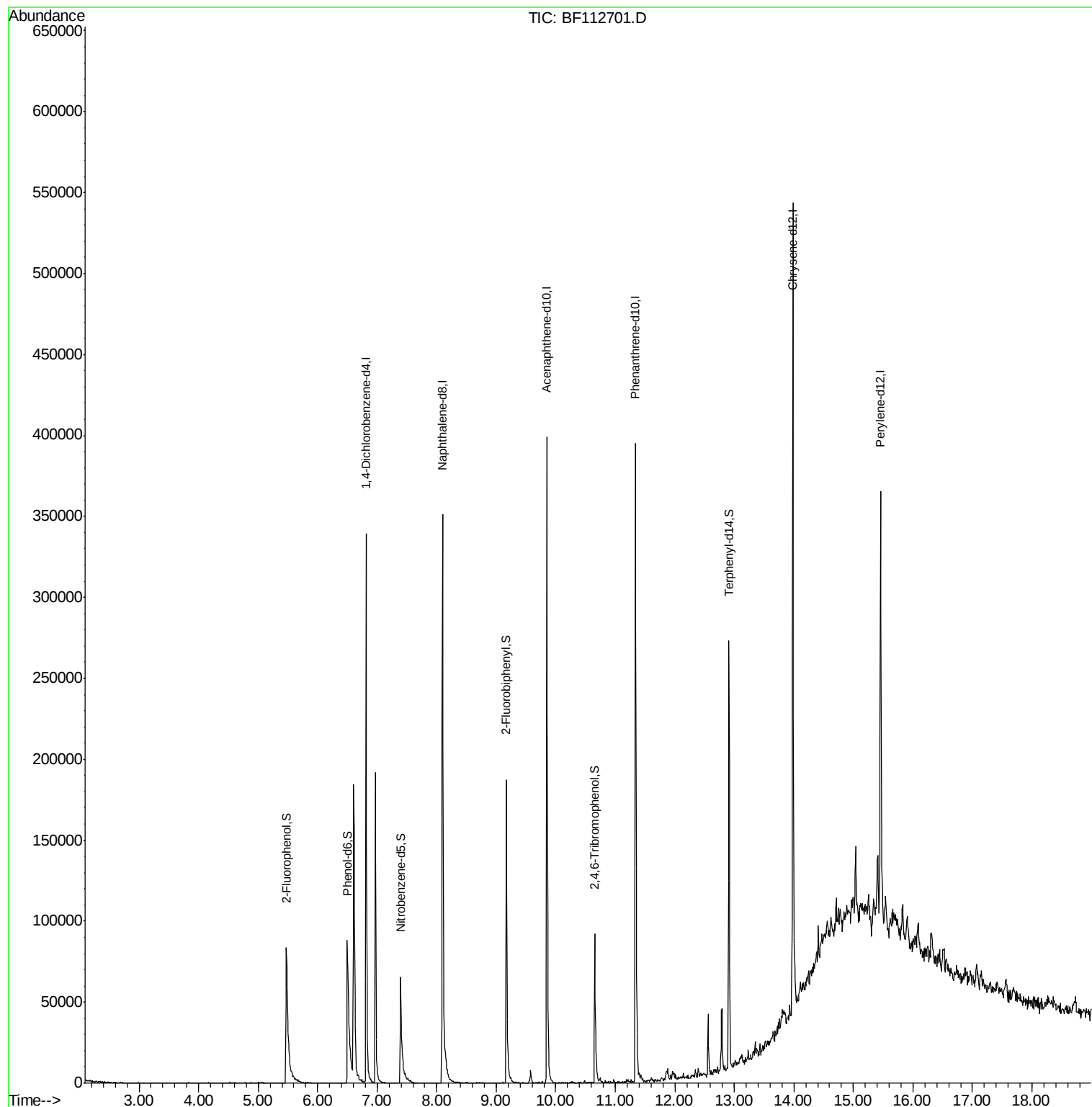
Target Compounds Qvalue

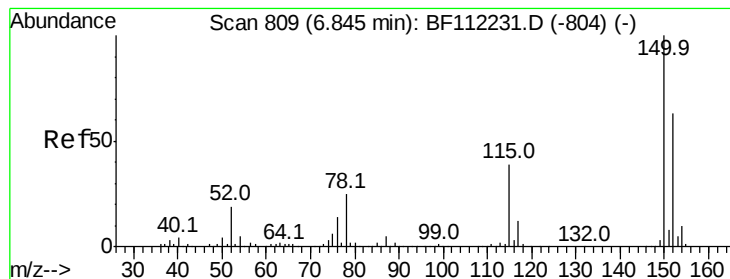
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112701.D
Acq On : 25 Feb 2019 19:13
Operator : JU/SJ
Sample : K1596-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-15

Quant Time: Feb 26 00:24:57 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



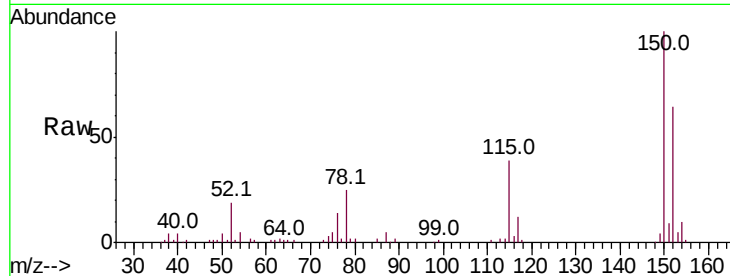


#1

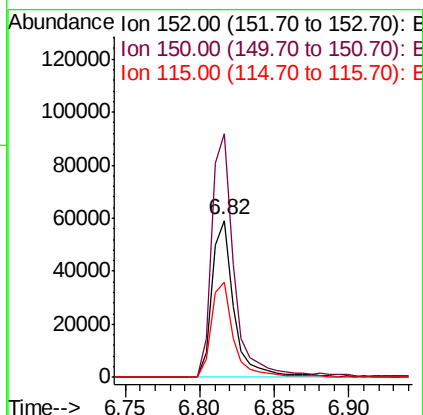
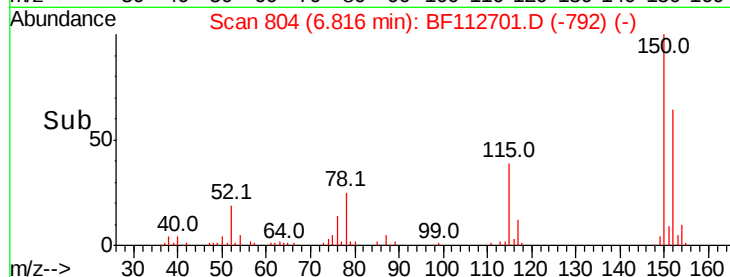
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Tot Ion:152 Resp: 61261
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.4 191.0
 115 60.9 45.5 68.3



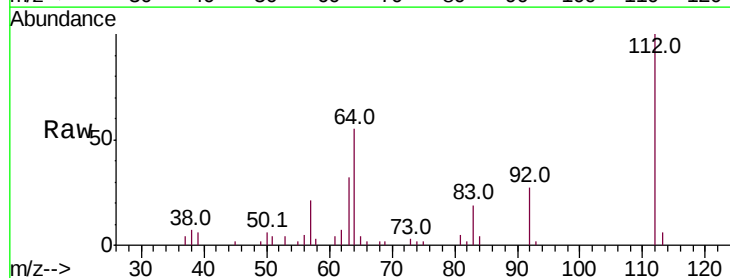
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



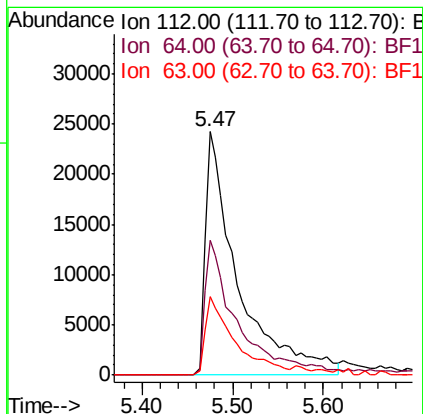
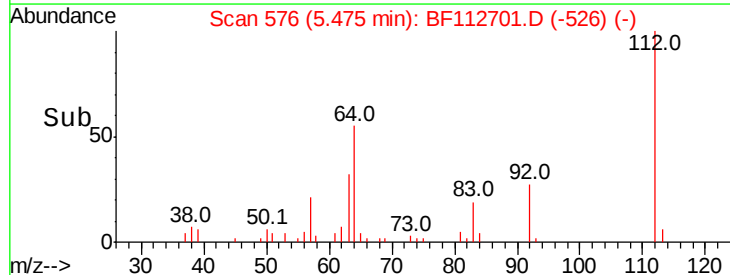
#5

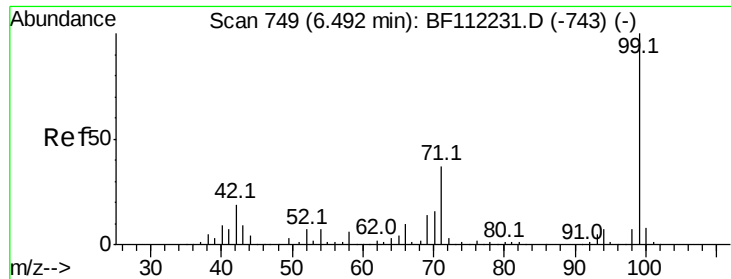
2-Fluorophenol
 Concen: 21.140 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

Tgt Ion:112 Resp: 60970
 Ion Ratio Lower Upper
 112 100
 64 55.3 45.7 68.5
 63 32.2 23.6 35.4



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: 19.578 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112701.D

Acq: 25 Feb 2019 19:13

Instrument :

BNA_F

ClientSampleId :

COMP-15

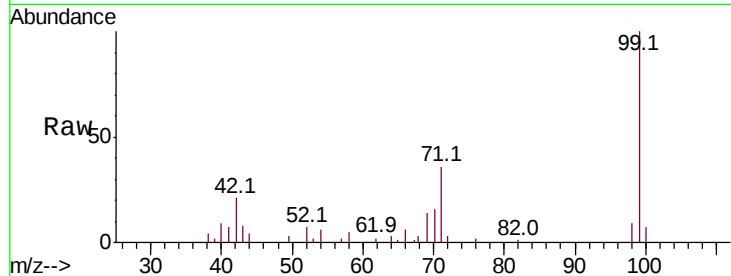
Tot Ion: 99 Resp: 78461

Ion Ratio Lower Upper

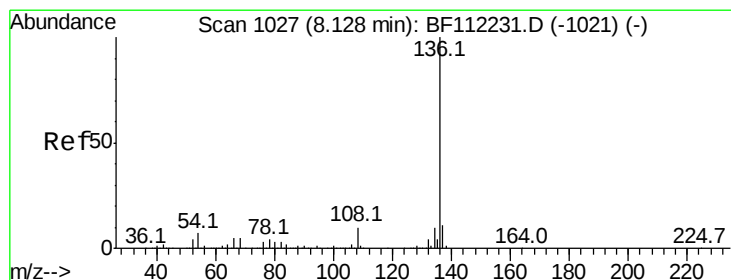
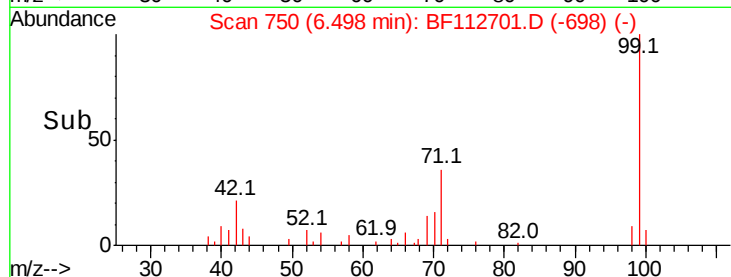
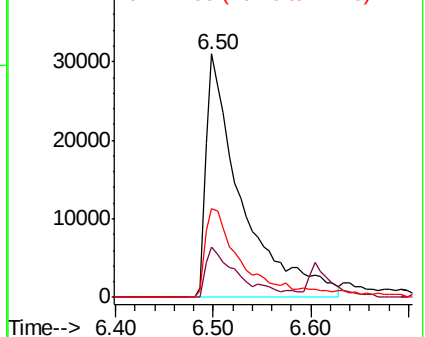
99 100

42 20.7 15.1 22.7

71 36.4 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# 1022

Delta R.T. -0.03 min

Lab File: BF112701.D

Acq: 25 Feb 2019 19:13

Tgt Ion: 136 Resp: 230909

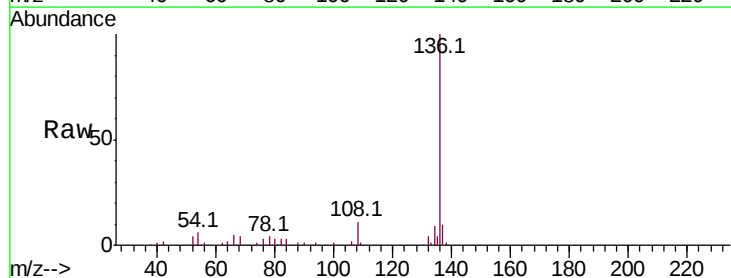
Ion Ratio Lower Upper

136 100

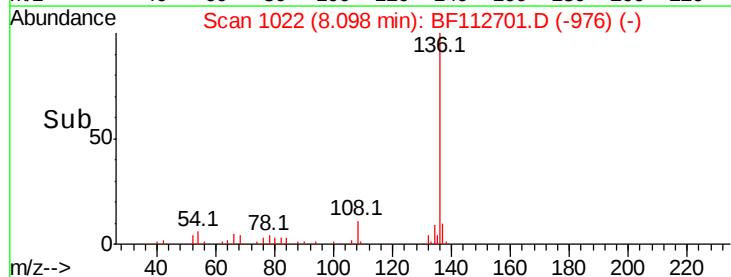
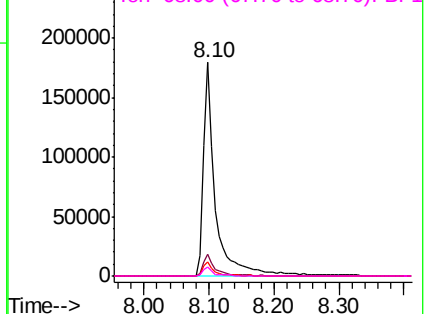
137 10.3 9.1 13.7

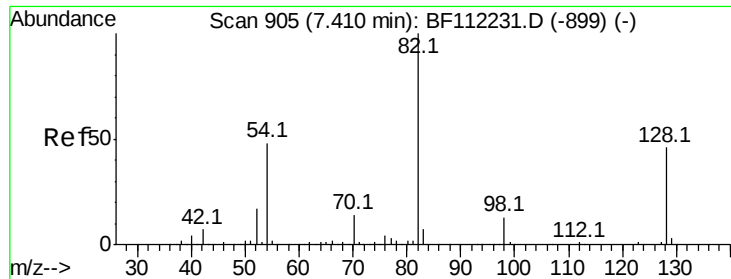
54 6.3 5.9 8.9

68 4.3 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

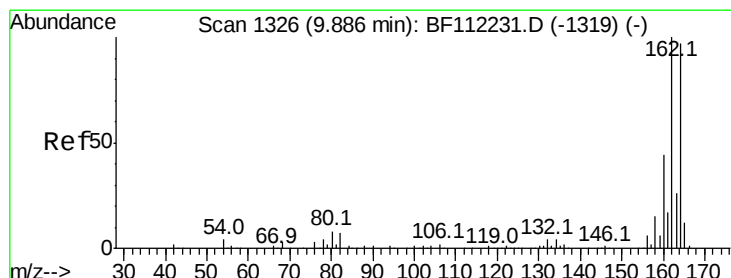
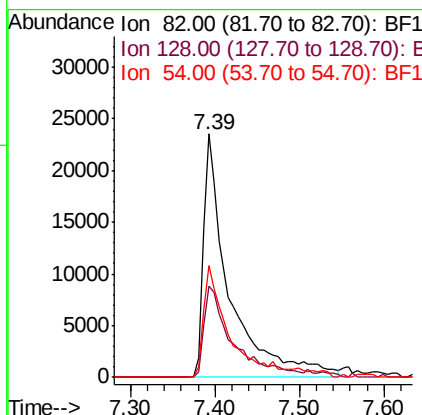
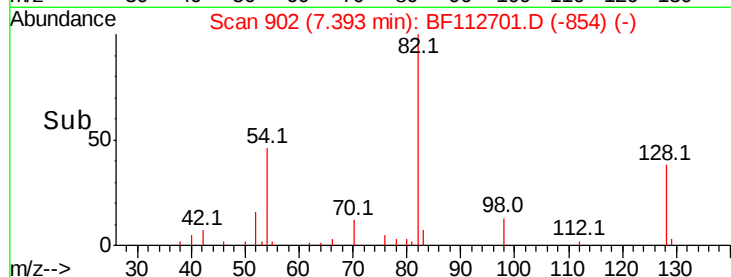
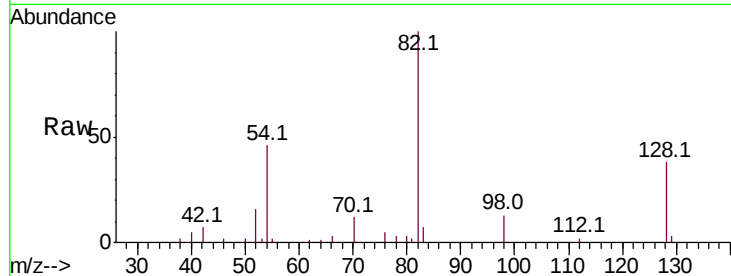




#23
 Nitrobenzene-d5
 Concen: 12.498 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

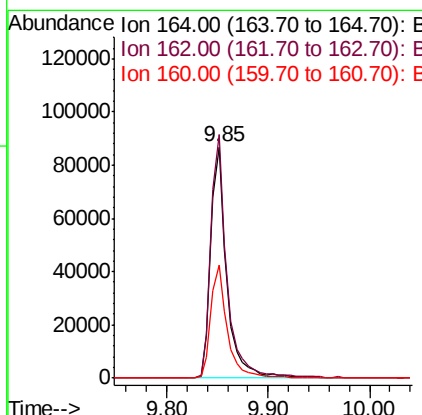
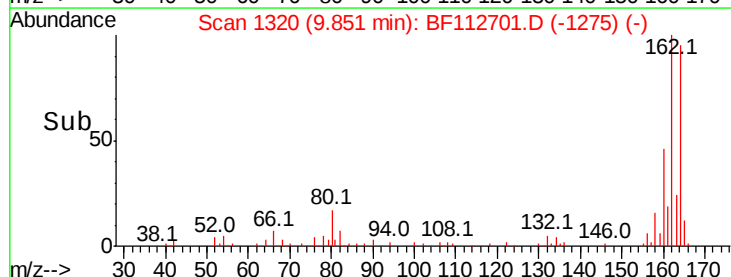
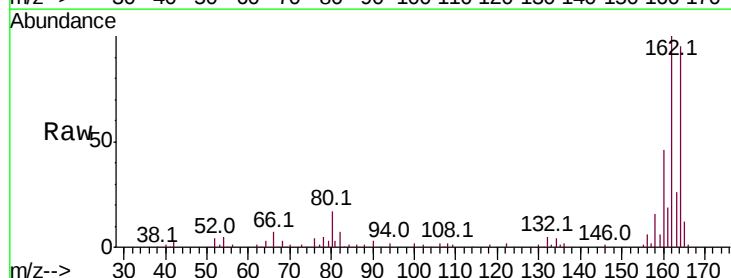
Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

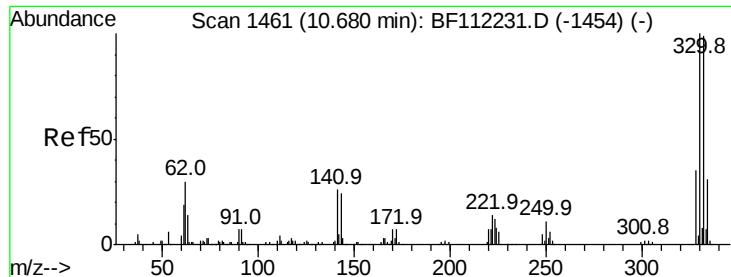
Tot Ion	82	Resp	50086
Ion Ratio	Lower	Upper	
82	100		
128	37.6	37.8	56.8#
54	46.0	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

Tgt Ion	164	Resp	95836
Ion Ratio	Lower	Upper	
164	100		
162	105.2	82.2	123.4
160	48.9	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 17.061 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112701.D

Acq: 25 Feb 2019 19:13

Instrument :

BNA_F

ClientSampleId :

COMP-15

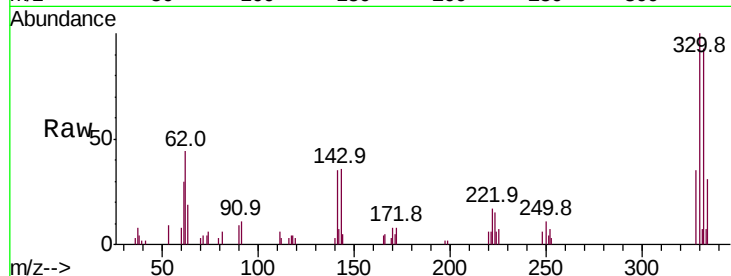
Tot Ion:330 Resp: 19032

Ion Ratio Lower Upper

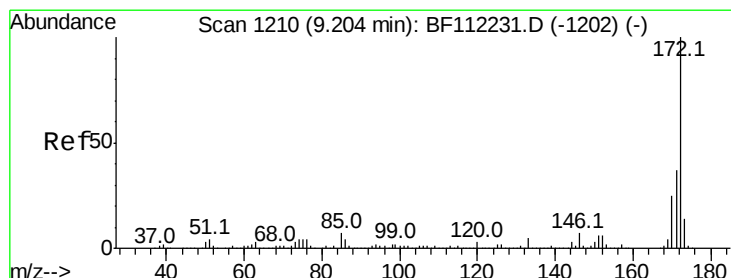
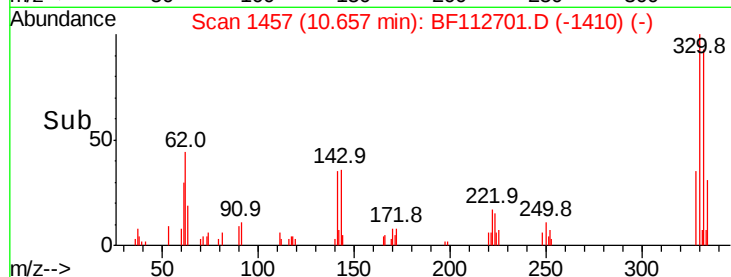
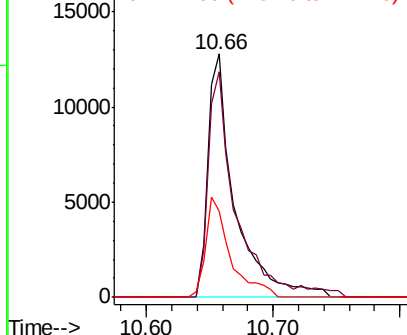
330 100

332 96.6 76.6 114.8

141 37.4 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: 12.385 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112701.D

Acq: 25 Feb 2019 19:13

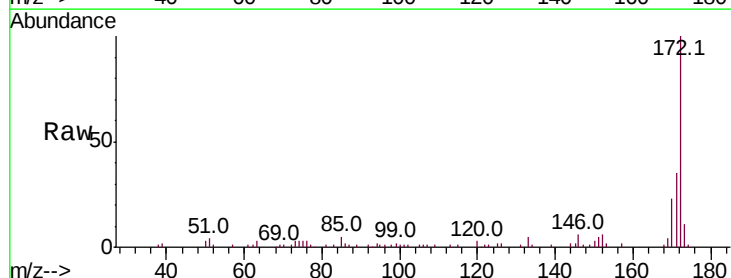
Tgt Ion:172 Resp: 83922

Ion Ratio Lower Upper

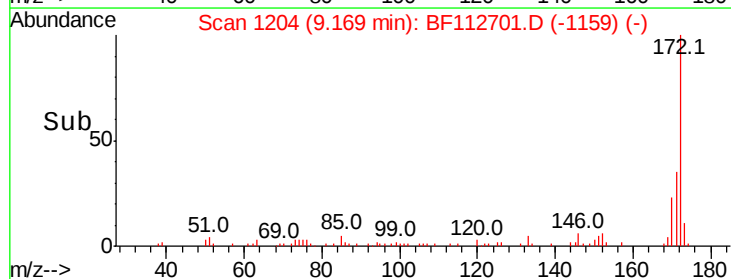
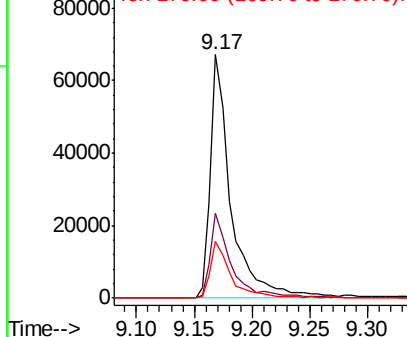
172 100

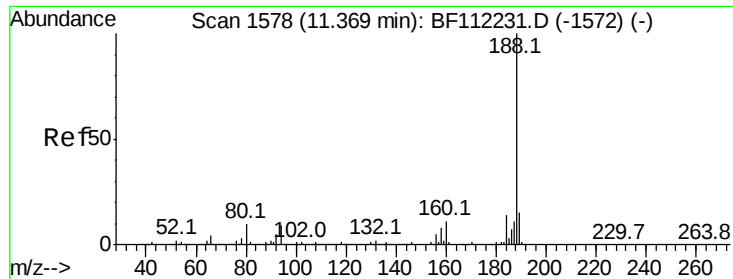
171 35.0 30.5 45.7

170 23.1 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

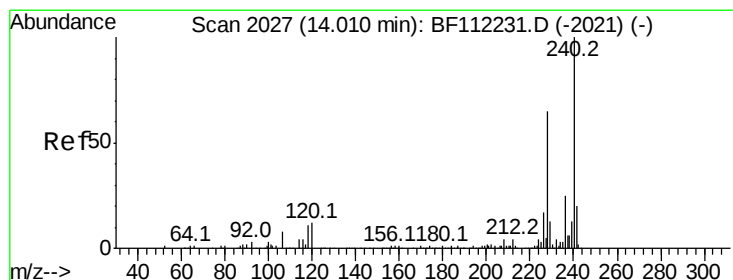
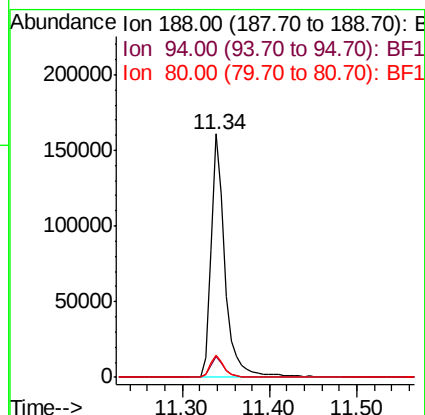
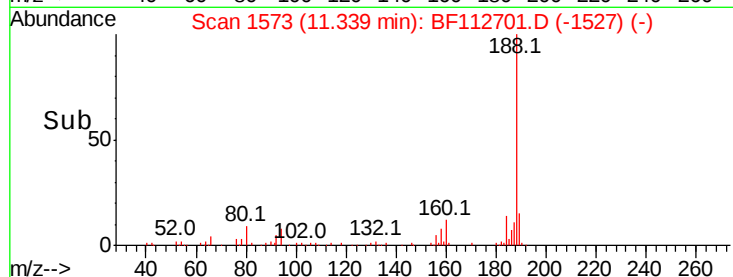
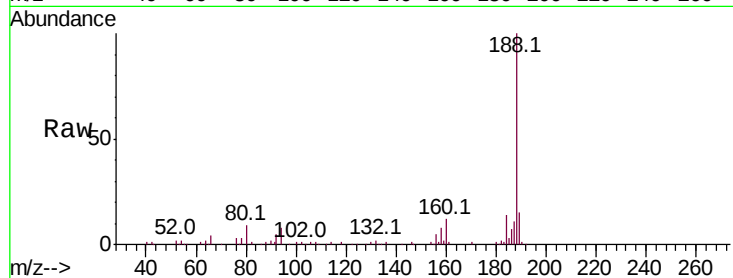




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112701.D
Acq: 25 Feb 2019 19:13

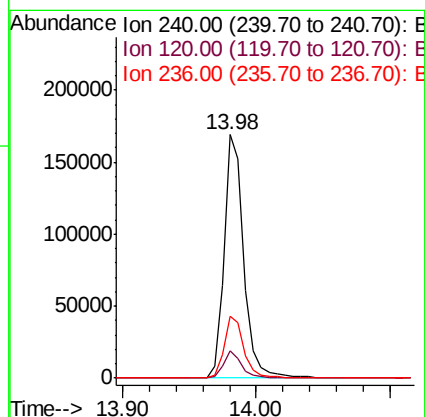
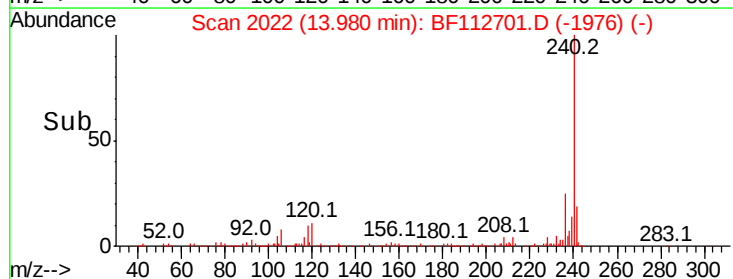
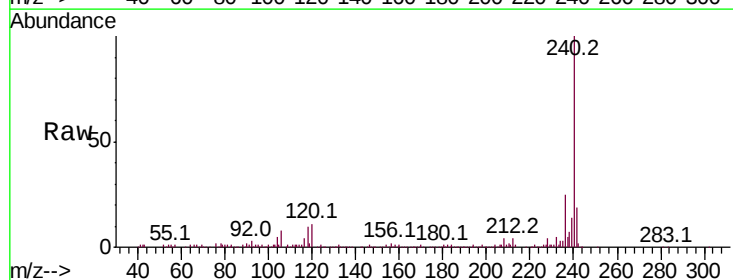
Instrument :
BNA_F
ClientSampleId :
COMP-15

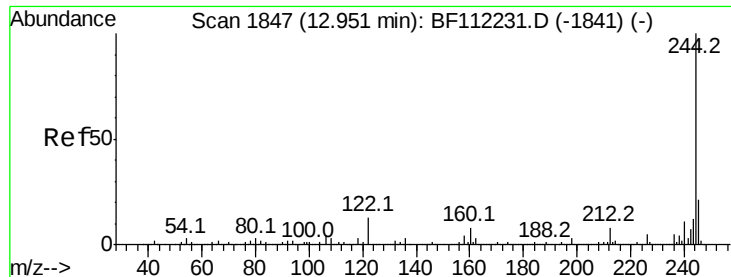
Tot Ion:188 Resp: 178631
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112701.D
Acq: 25 Feb 2019 19:13

Tgt Ion:240 Resp: 174936
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.4 20.7 31.1

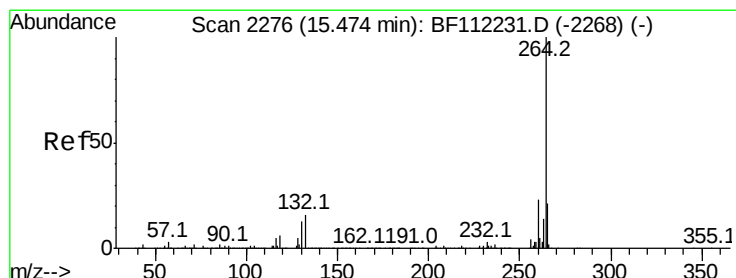
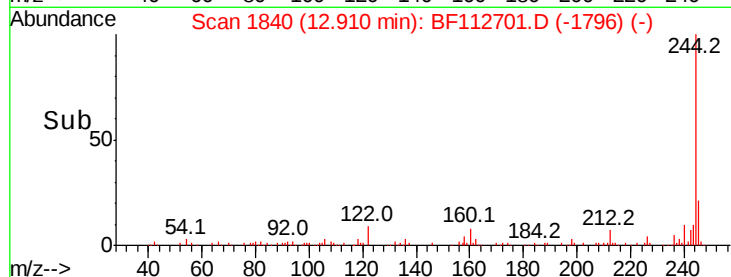
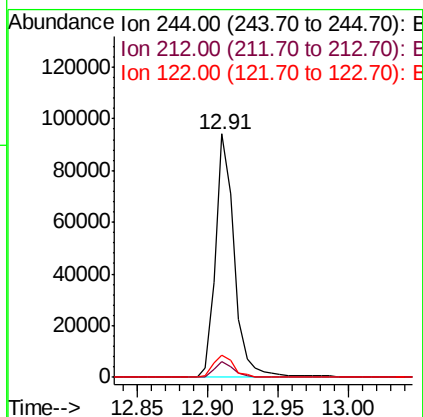
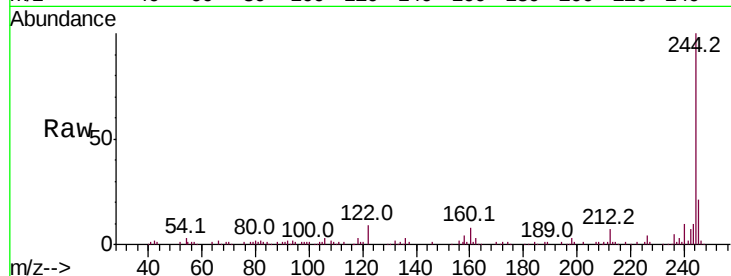




#79
 Terphenyl-d14
 Concen: 9.384 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Tot Ion:244 Resp: 87155
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 9.1 9.8 14.6#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF112701.D
 Acq: 25 Feb 2019 19:13

Tgt Ion:264 Resp: 132334
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 22.2 17.0 25.4

