

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112708.D
 Acq On : 25 Feb 2019 22:51
 Operator : JU/SJ
 Sample : K1595-02RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B10RE

Quant Time: Feb 26 00:39:10 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	44411	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	169252	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	79334	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	141366	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	106521	20.00	ng	-0.02
87) Perylene-d12	15.46	264	86109	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	320941	153.50	ng	-0.02
7) Phenol-d6	6.48	99	348633	120.00	ng	-0.01
23) Nitrobenzene-d5	7.38	82	301037	102.48	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	125514	135.92	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	590467	105.27	ng	-0.04
79) Terphenyl-d14	12.91	244	570868	100.94	ng	-0.04

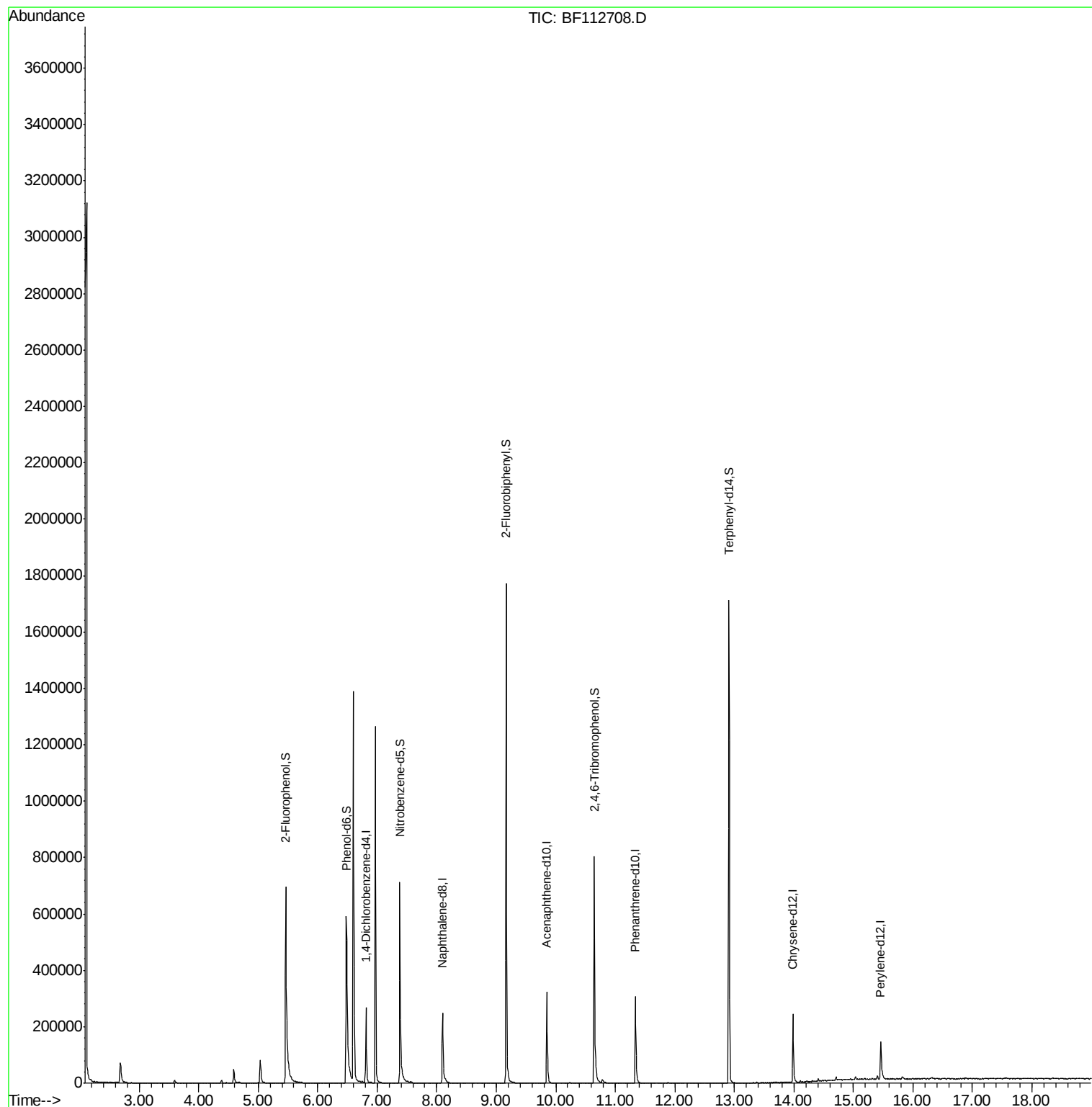
Target Compounds Qvalue

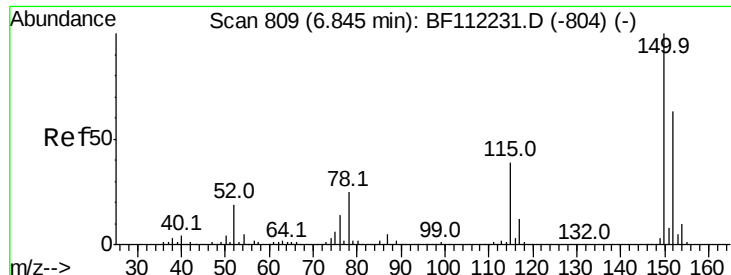
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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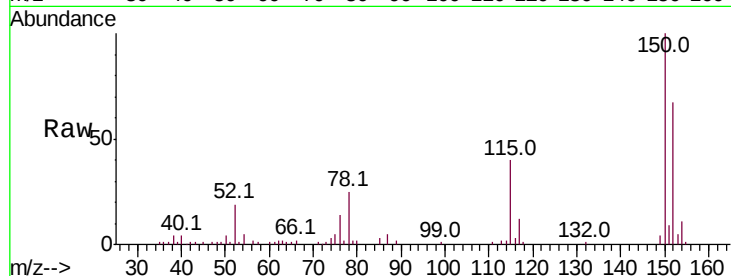


#1

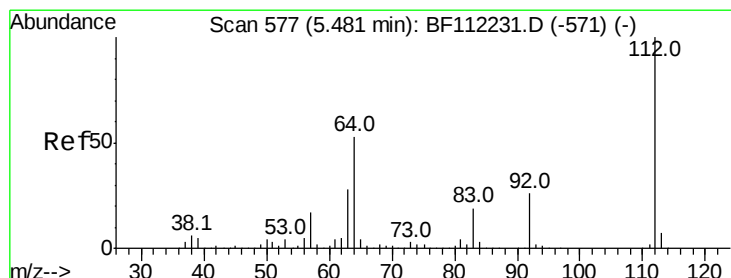
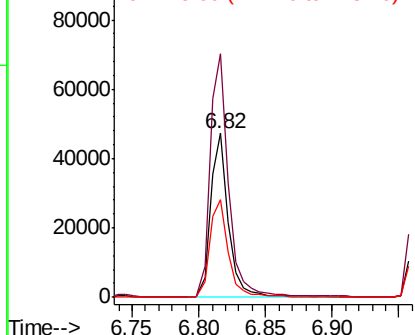
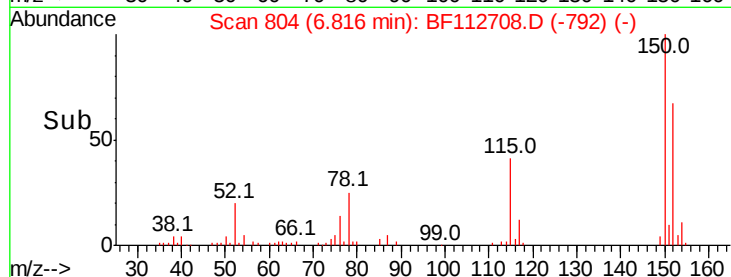
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10RE

Tot Ion:152 Resp: 44411
Ion Ratio Lower Upper
152 100
150 148.6 127.4 191.0
115 59.6 45.5 68.3



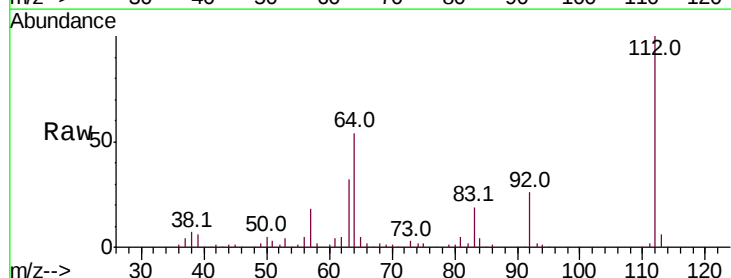
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



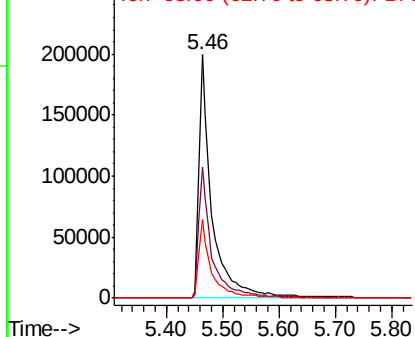
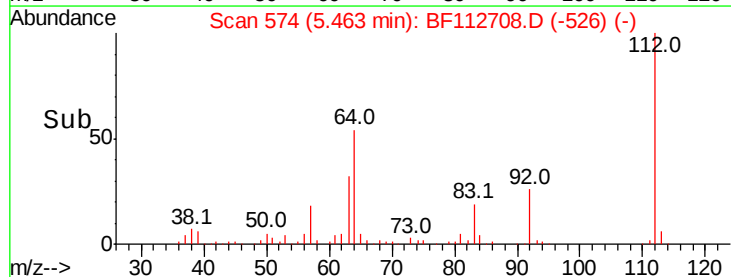
#5

2-Fluorophenol
Concen: 153.498 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

Tgt Ion:112 Resp: 320941
Ion Ratio Lower Upper
112 100
64 53.8 45.7 68.5
63 32.1 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: 119.997 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112708.D

Acq: 25 Feb 2019 22:51

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B10RE

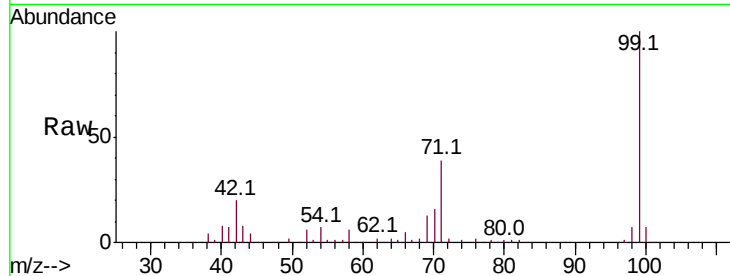
Tot Ion: 99 Resp: 348633

Ion Ratio Lower Upper

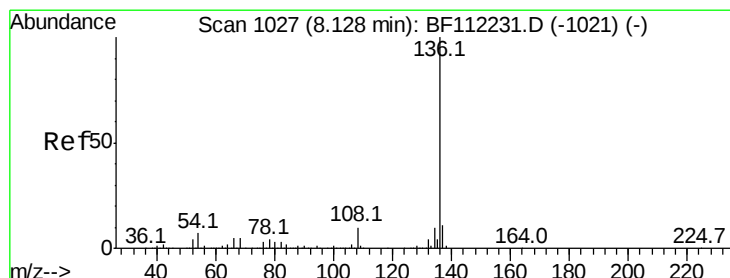
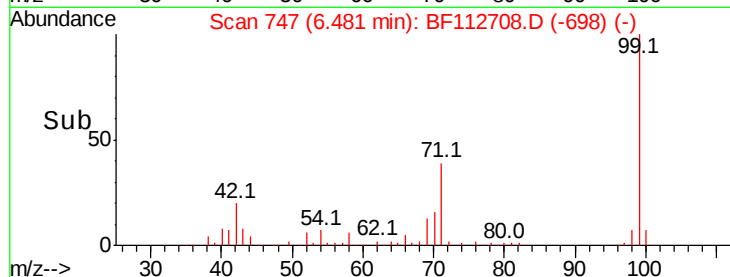
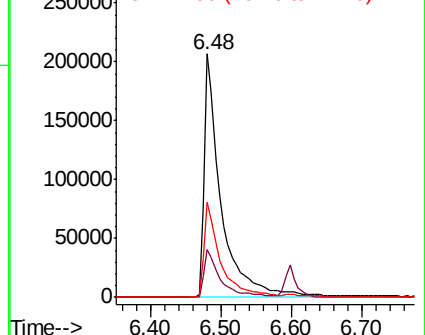
99 100

42 19.7 15.1 22.7

71 39.0 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: BF112708.D

Acq: 25 Feb 2019 22:51

Tgt Ion: 136 Resp: 169252

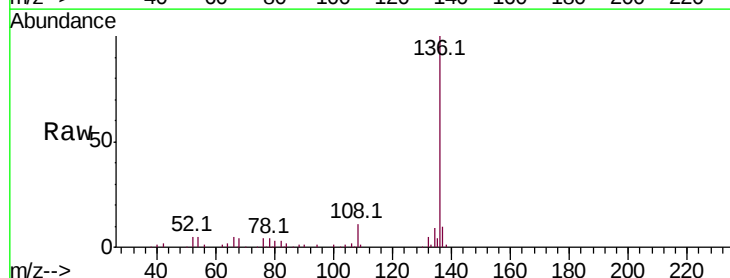
Ion Ratio Lower Upper

136 100

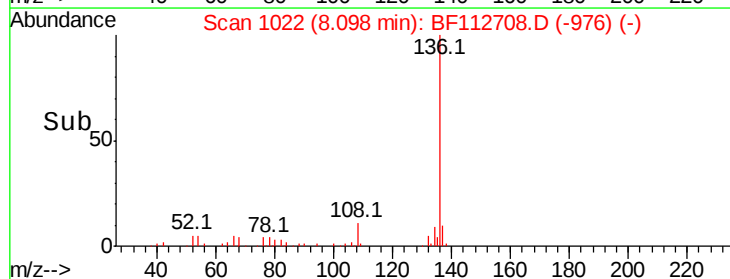
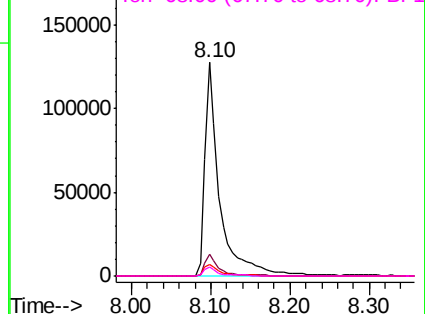
137 10.4 9.1 13.7

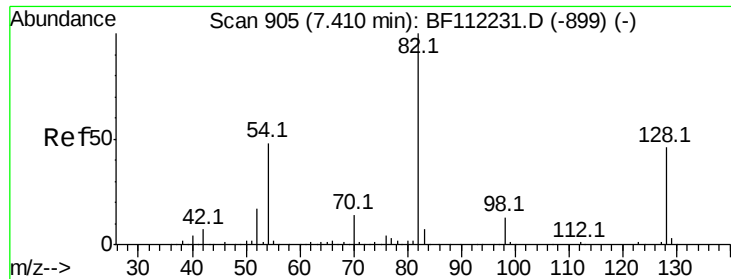
54 5.5 5.9 8.9#

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

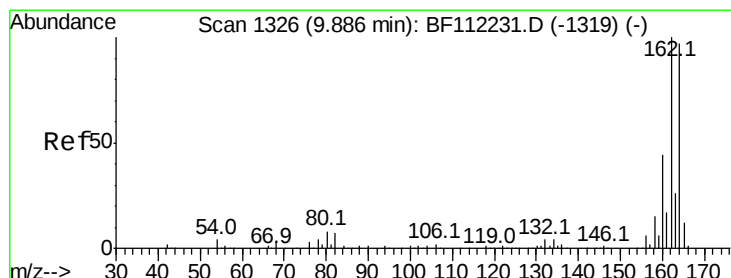
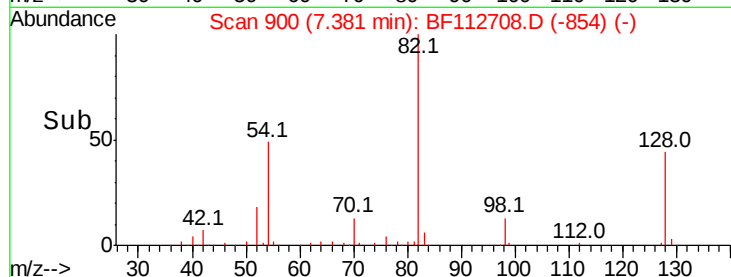
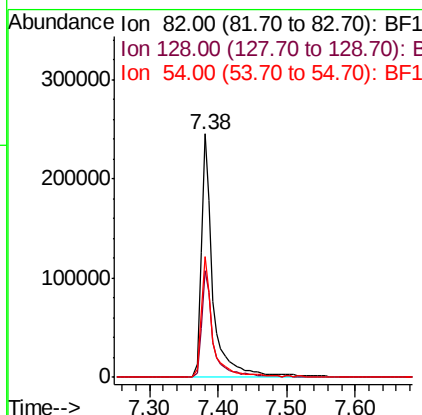
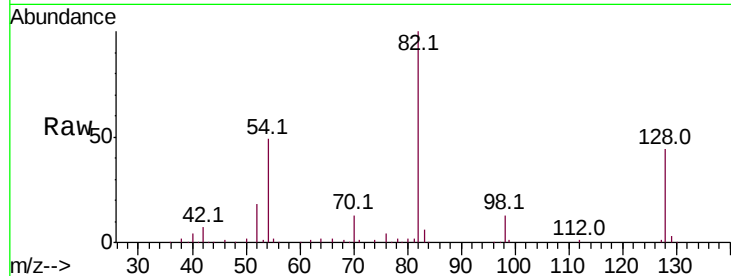




#23
 Nitrobenzene-d5
 Concen: 102.484 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BF112708.D
 Acq: 25 Feb 2019 22:51

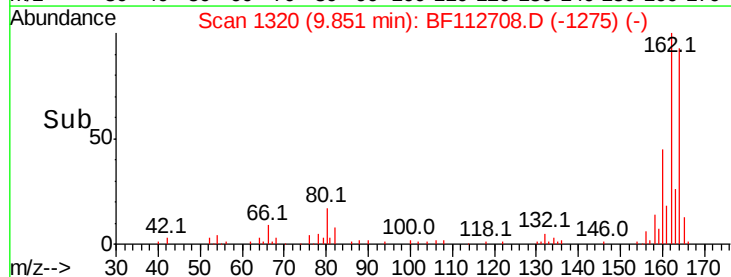
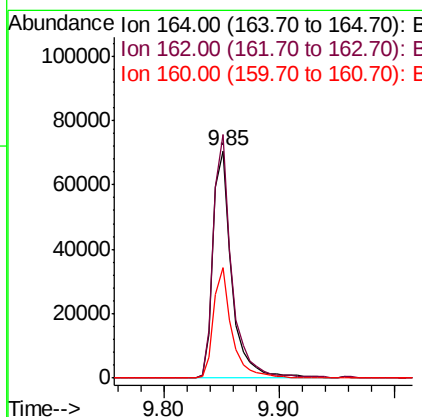
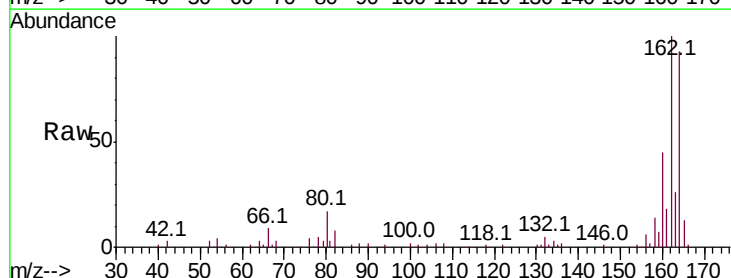
Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B10RE

Tot Ion	82	Resp	301037
Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.8	56.8
54	49.4	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: BF112708.D
 Acq: 25 Feb 2019 22:51

Tgt Ion	164	Resp	79334
Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.2	123.4
160	48.4	36.2	54.4

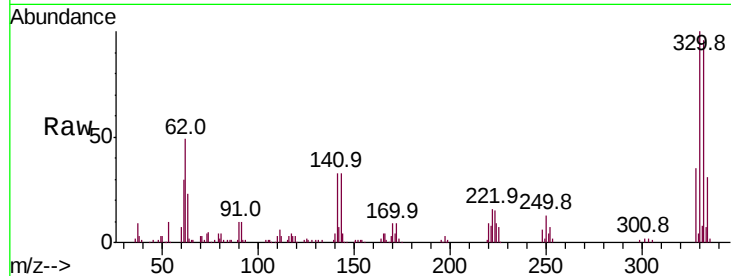




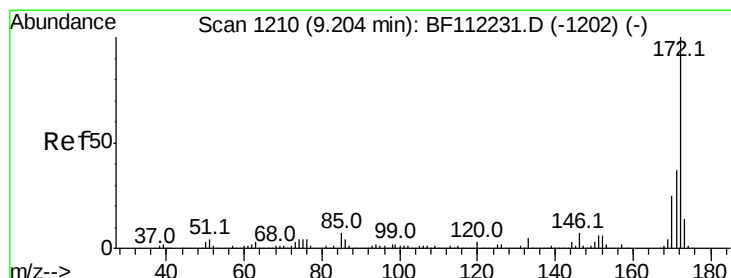
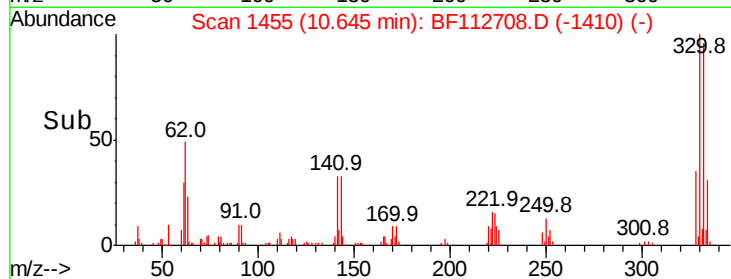
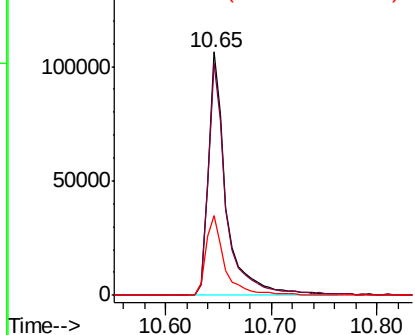
#42
 2,4,6-Tribromophenol
 Concen: 135.922 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BF112708.D
 Acq: 25 Feb 2019 22:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B10RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	34.5	24.3	36.5

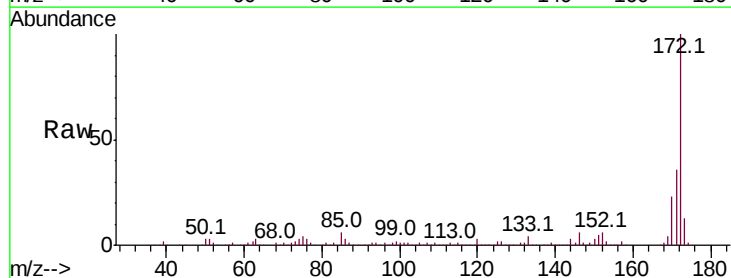


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

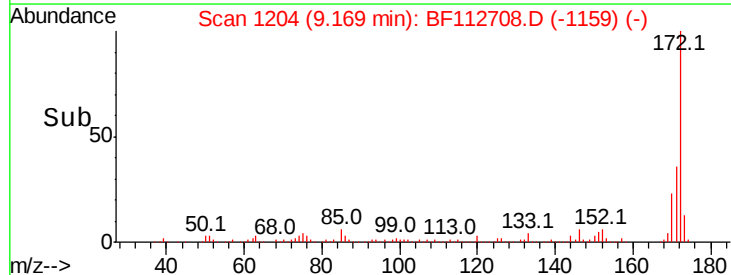
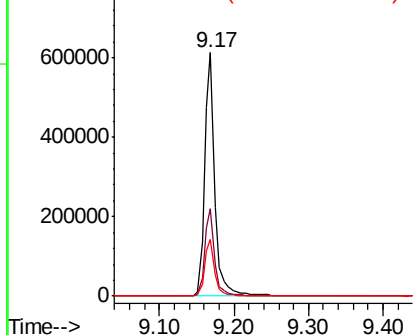


#45
 2-Fluorobiphenyl
 Concen: 105.266 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112708.D
 Acq: 25 Feb 2019 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.4	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

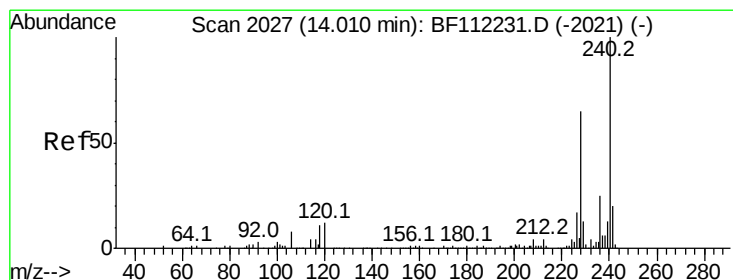
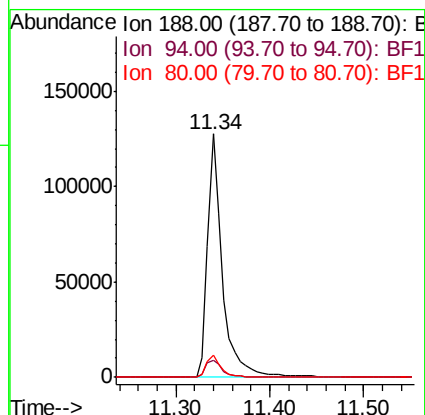
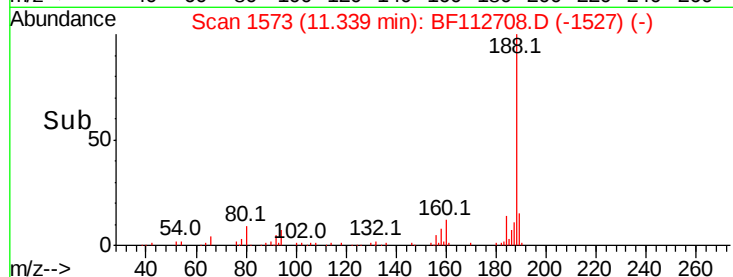
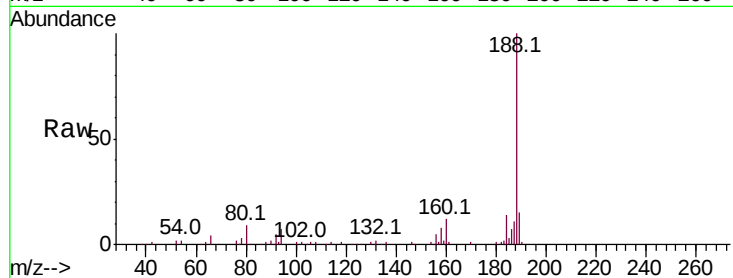




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

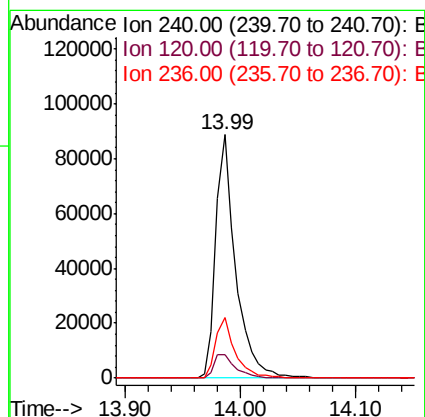
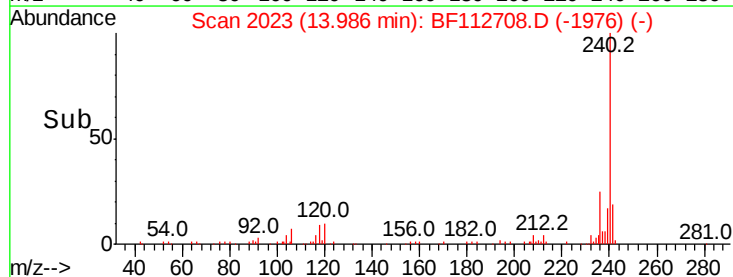
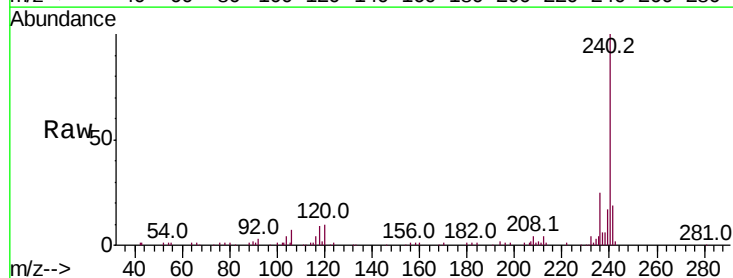
Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10RE

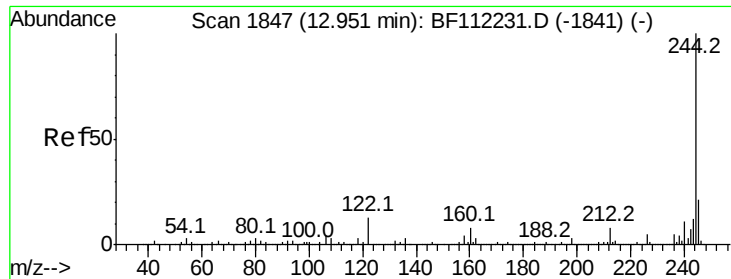
Tot Ion:188 Resp: 141366
Ion Ratio Lower Upper
188 100
94 6.9 8.2 12.2#
80 9.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

Tgt Ion:240 Resp: 106521
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 24.9 20.7 31.1

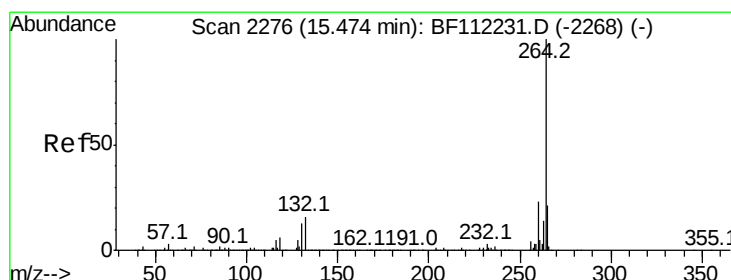
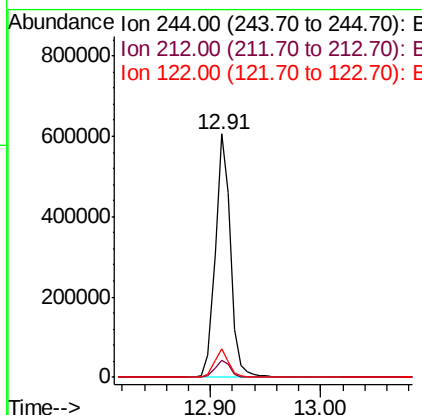
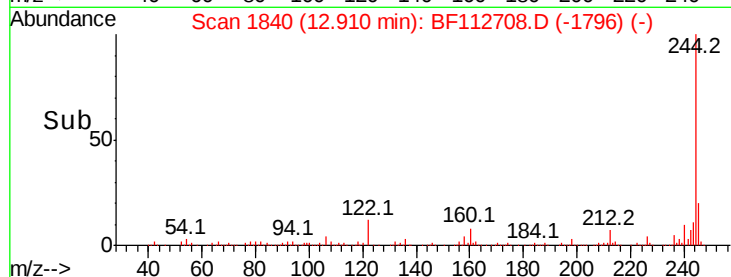
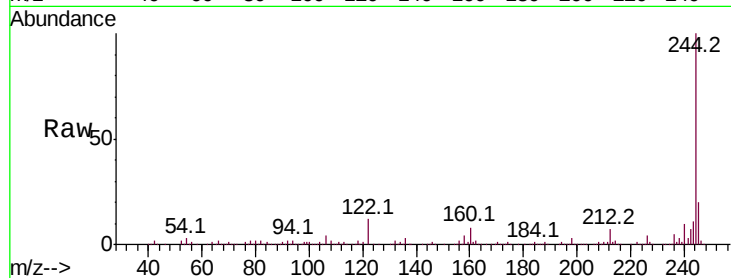




#79
 Terphenyl-d14
 Concen: 100.938 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112708.D
 Acq: 25 Feb 2019 22:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B10RE

Tot Ion:244 Resp: 570868
 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: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF112708.D
 Acq: 25 Feb 2019 22:51

Tgt Ion:264 Resp: 86109
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.2
 265 21.4 17.0 25.4

