

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112583.D
 Acq On : 15 Feb 2019 17:19
 Operator : JU/SJ
 Sample : K1484-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-2-D

Quant Time: Feb 15 23:51:20 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

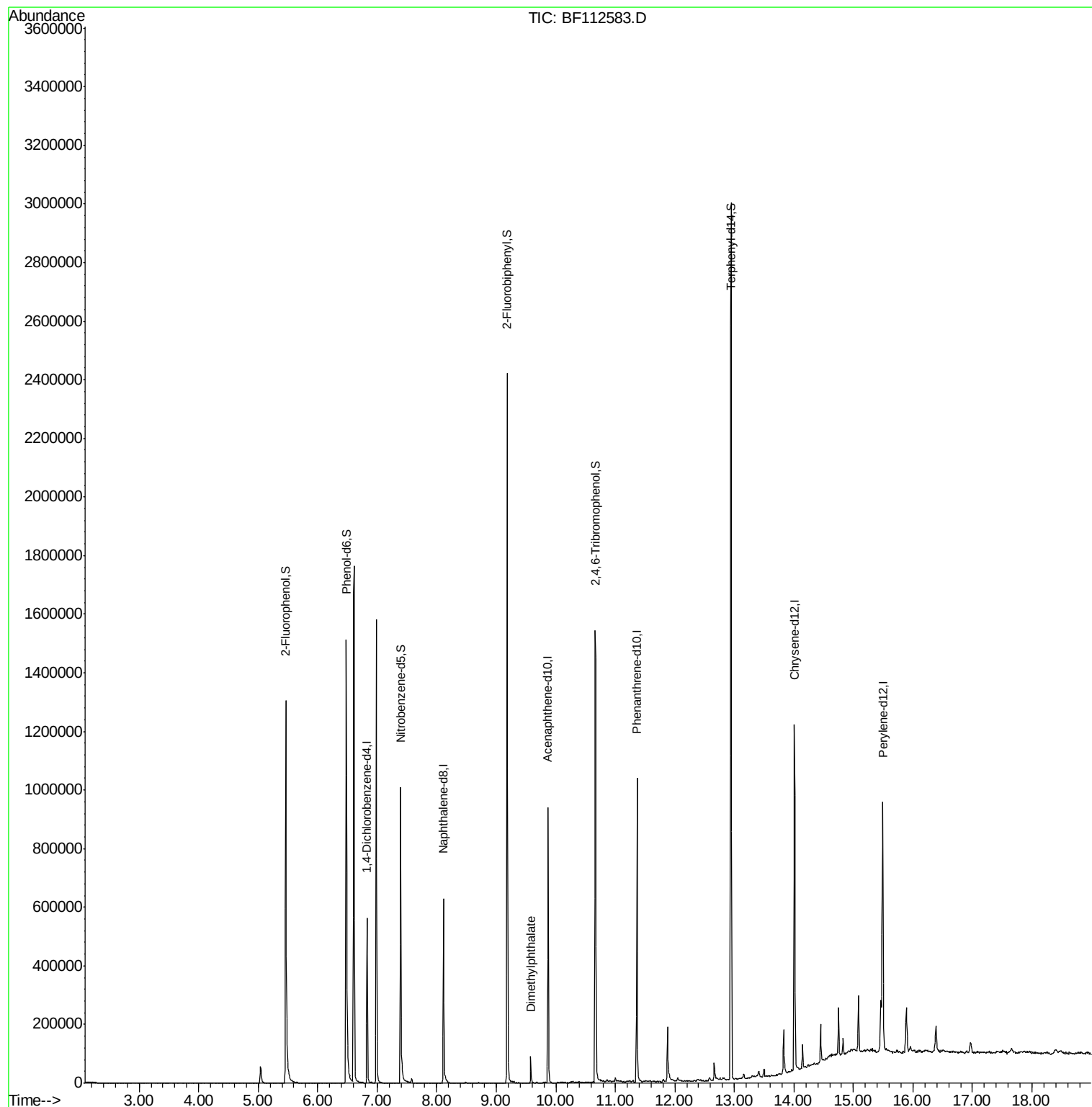
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86335	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	342339	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	180404	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	397146	20.00	ng	0.00
76) Chrysene-d12	14.01	240	414081	20.00	ng	0.00
87) Perylene-d12	15.49	264	397636	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	433640	106.69	ng	-0.02
7) Phenol-d6	6.48	99	550155	97.41	ng	-0.01
23) Nitrobenzene-d5	7.39	82	352003	59.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	210853	100.41	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	707771	55.49	ng	-0.02
79) Terphenyl-d14	12.95	244	993463	45.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	38101	2.718	ng	Qvalue 98

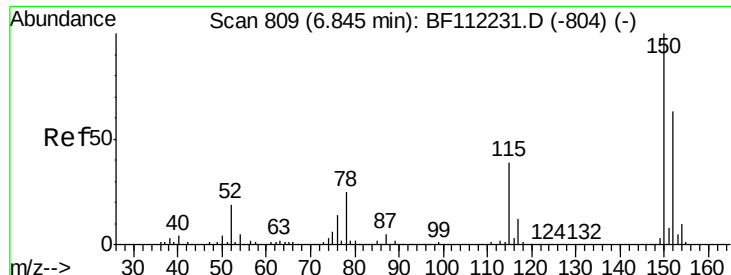
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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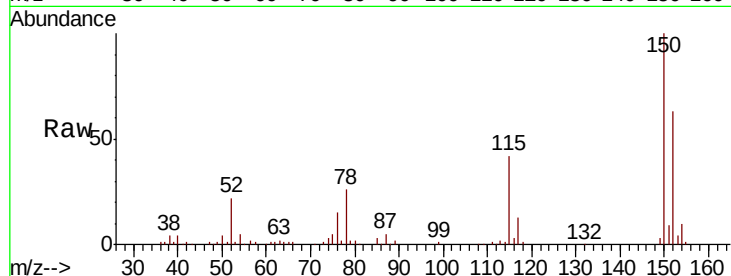


#1

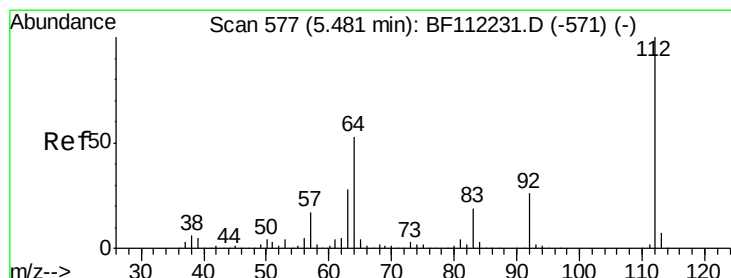
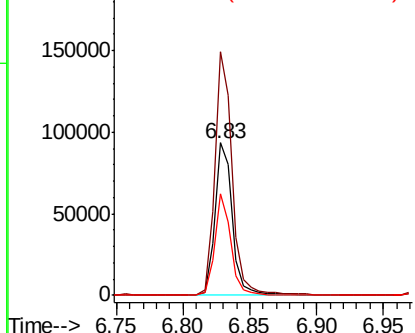
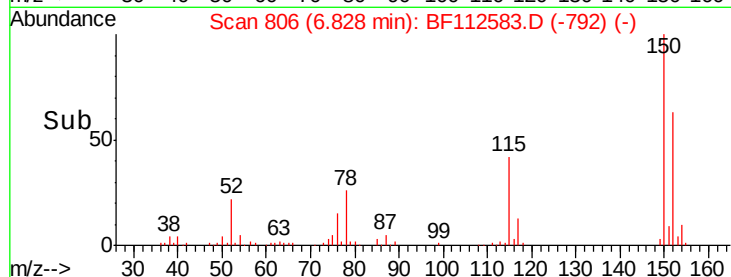
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112583.D
Acq: 15 Feb 2019 17:19

Instrument :
BNA_F
ClientSampleId :
M-2-D

Tot Ion:152 Resp: 86335
Ion Ratio Lower Upper
152 100
150 159.6 127.4 191.0
115 66.3 45.5 68.3



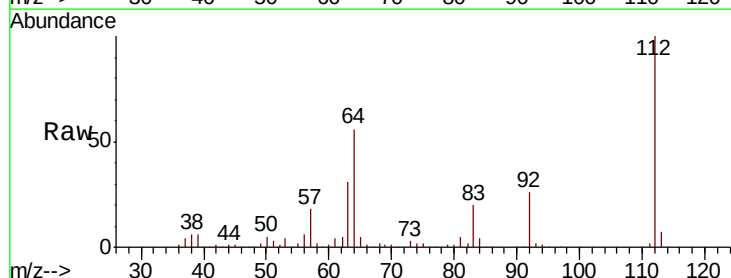
Abundance Ion 152.00 (151.70 to 152.70): E
200000 Ion 150.00 (149.70 to 150.70): E
150000 Ion 115.00 (114.70 to 115.70): E



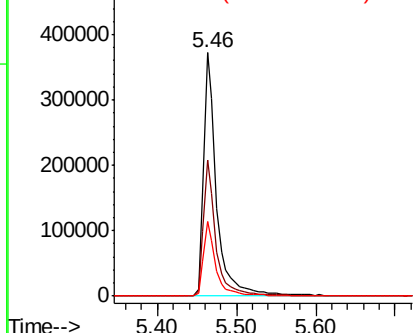
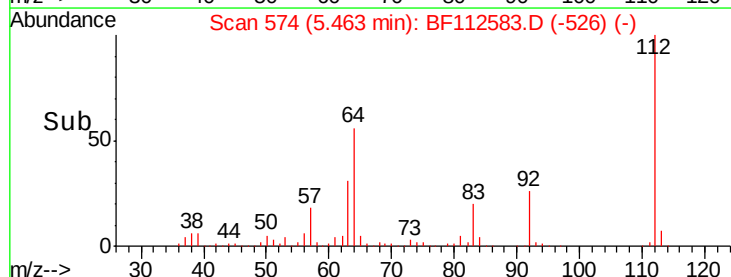
#5

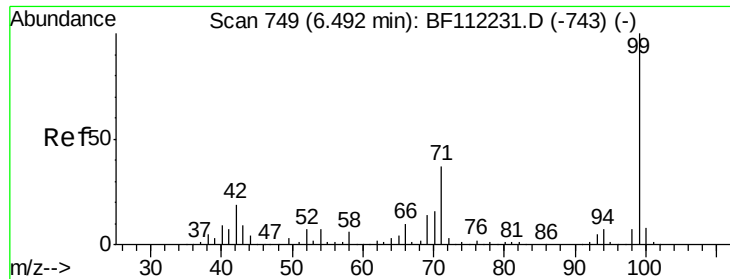
2-Fluorophenol
Concen: 106.687 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112583.D
Acq: 15 Feb 2019 17:19

Tgt Ion:112 Resp: 433640
Ion Ratio Lower Upper
112 100
64 56.0 45.7 68.5
63 30.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
500000 Ion 64.00 (63.70 to 64.70): BF1
400000 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.407 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112583.D

Acq: 15 Feb 2019 17:19

Instrument :

BNA_F

ClientSampleId :

M-2-D

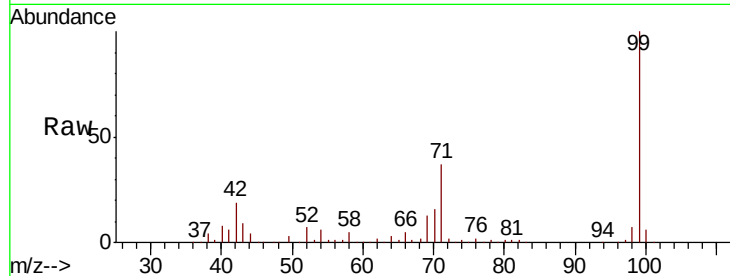
Tot Ion: 99 Resp: 550155

Ion Ratio Lower Upper

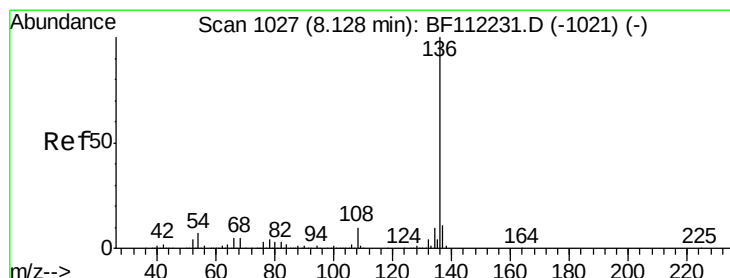
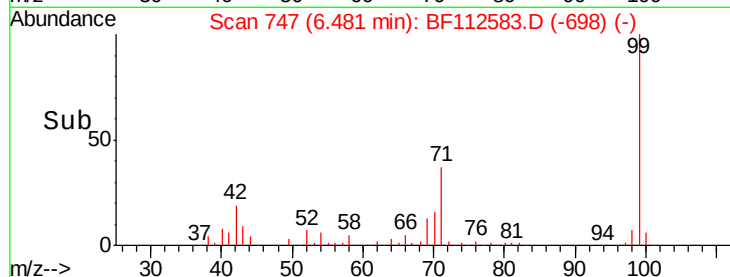
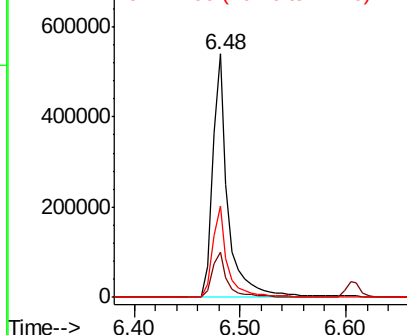
99 100

42 18.5 15.1 22.7

71 37.4 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112583.D

Acq: 15 Feb 2019 17:19

Tgt Ion: 136 Resp: 342339

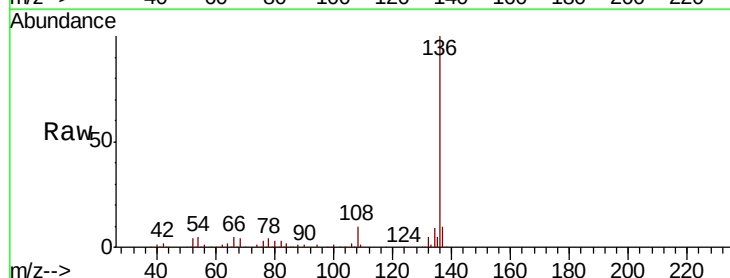
Ion Ratio Lower Upper

136 100

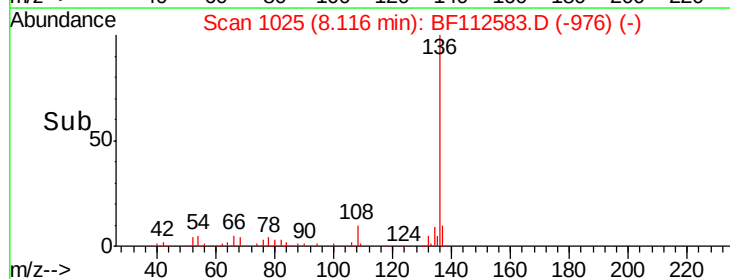
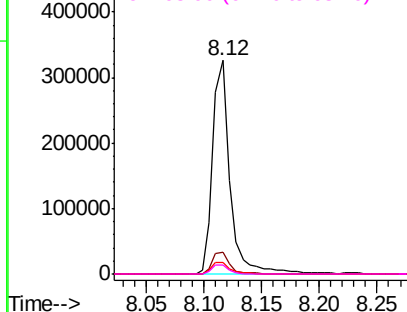
137 10.4 9.1 13.7

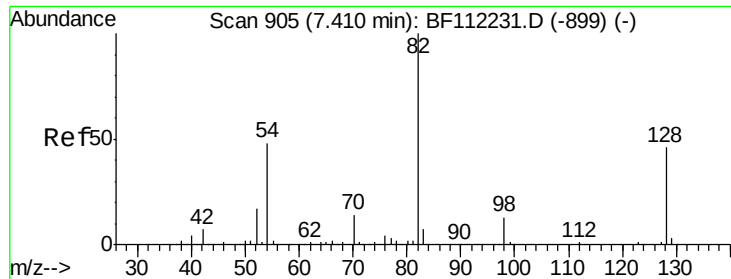
54 5.3 5.9 8.9#

68 4.4 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

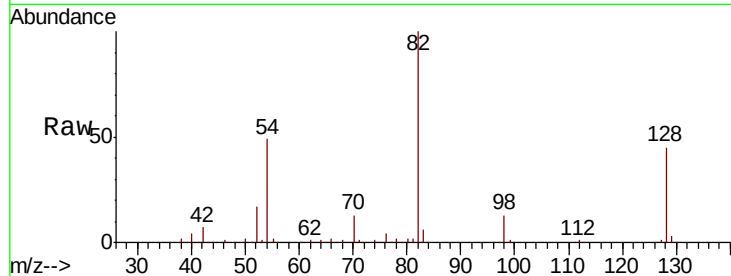




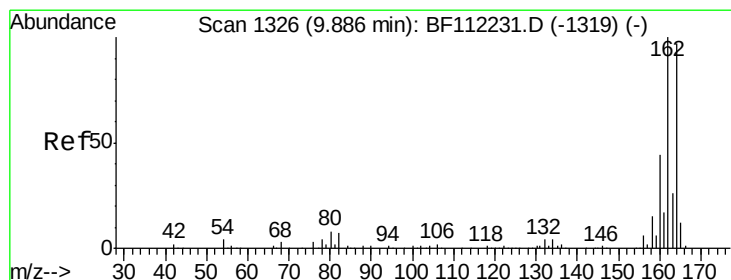
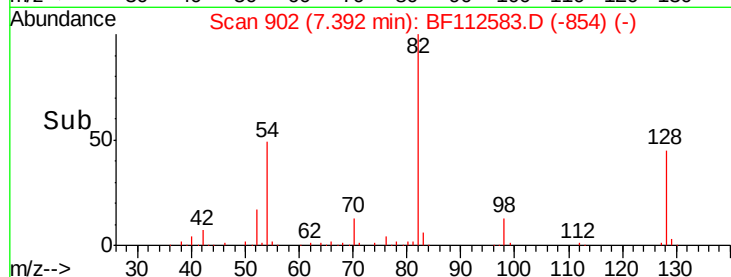
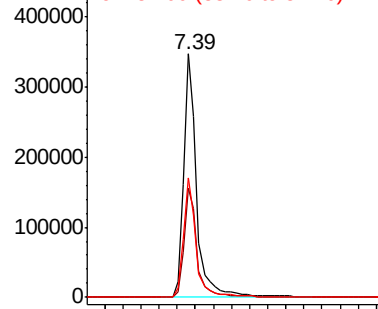
#23
 Nitrobenzene-d5
 Concen: 59.246 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112583.D
 Acq: 15 Feb 2019 17:19

Instrument :
 BNA_F
 ClientSampled :
 M-2-D

Tot Ion	82	Resp	352003
Ion Ratio	Lower	Upper	
82	100		
128	45.1	37.8	56.8
54	48.9	39.7	59.5

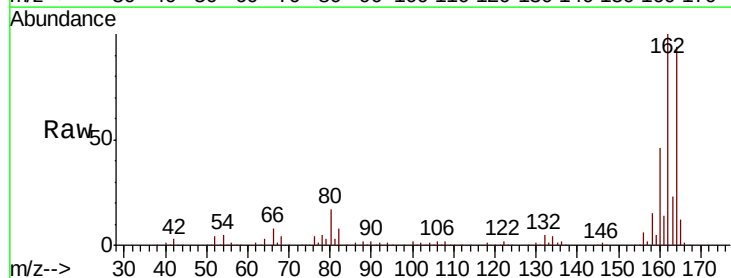


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

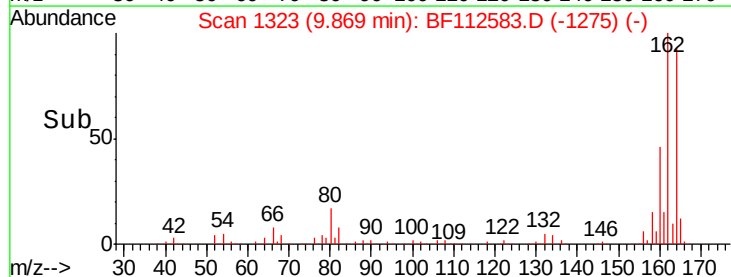
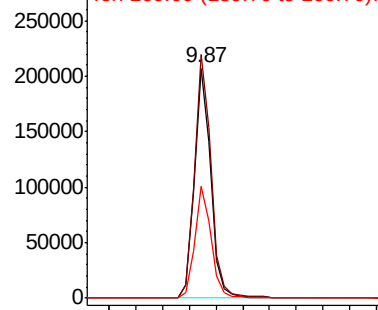


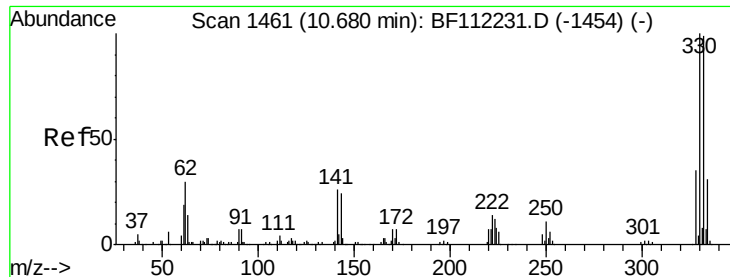
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112583.D
 Acq: 15 Feb 2019 17:19

Tgt Ion	164	Resp	180404
Ion Ratio	Lower	Upper	
164	100		
162	105.9	82.2	123.4
160	48.4	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

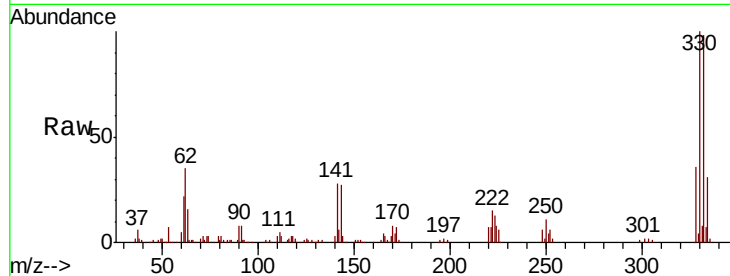




#42
 2,4,6-Tribromophenol
 Concen: 100.413 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112583.D
 Acq: 15 Feb 2019 17:19

Instrument :
 BNA_F
 ClientSampleId :
 M-2-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	33.8	24.3	36.5

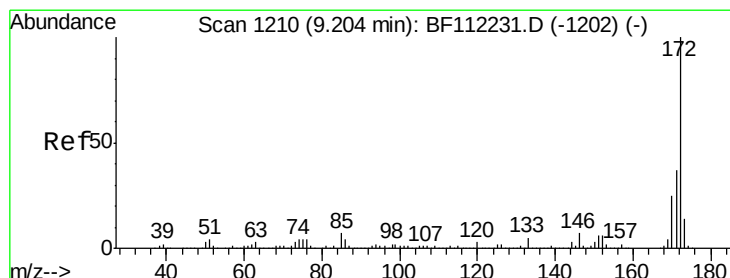
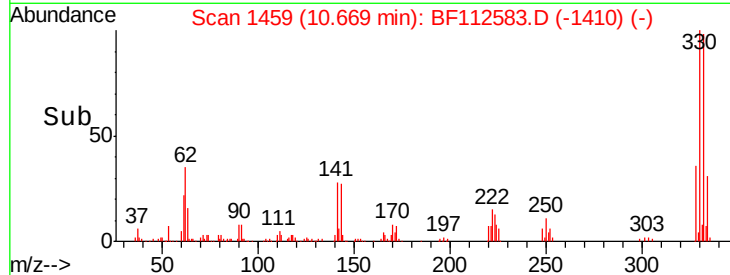
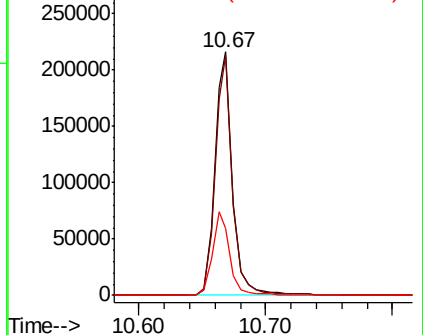


Abundance

Ion 329.80 (329.50 to 330.50): E

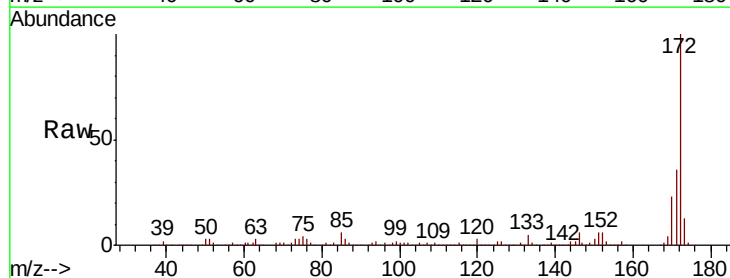
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 55.488 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112583.D
 Acq: 15 Feb 2019 17:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.4	20.2	30.4

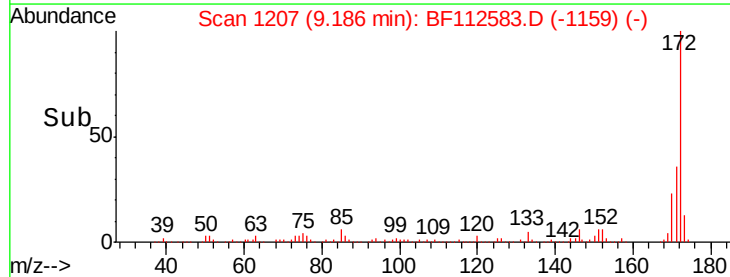
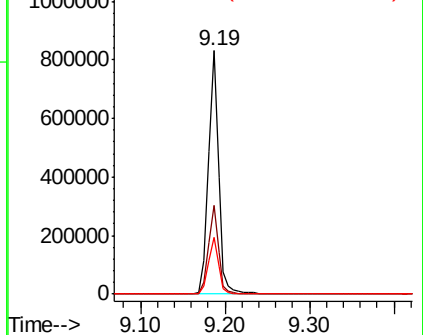


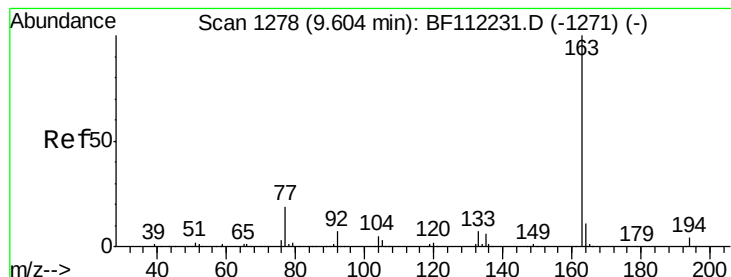
Abundance

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





#50

Dimethylphthalate

Concen: 2.718 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112583.D

Acq: 15 Feb 2019 17:19

Instrument :

BNA_F

ClientSampled :

M-2-D

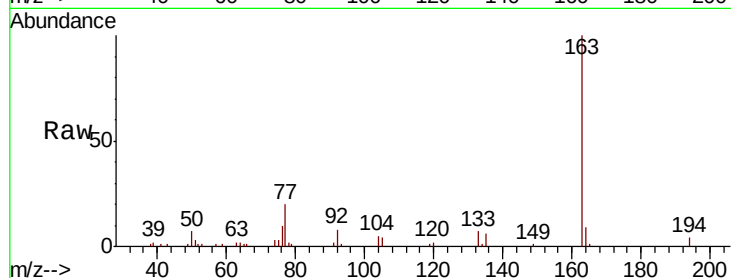
Tot Ion:163 Resp: 38101

Ion Ratio Lower Upper

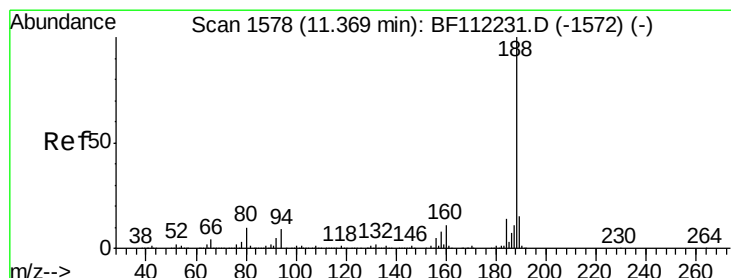
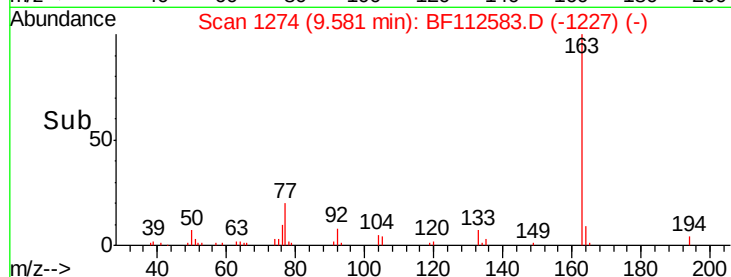
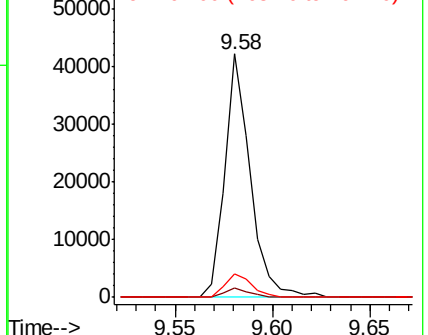
163 100

194 4.1 3.3 4.9

164 9.4 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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112583.D

Acq: 15 Feb 2019 17:19

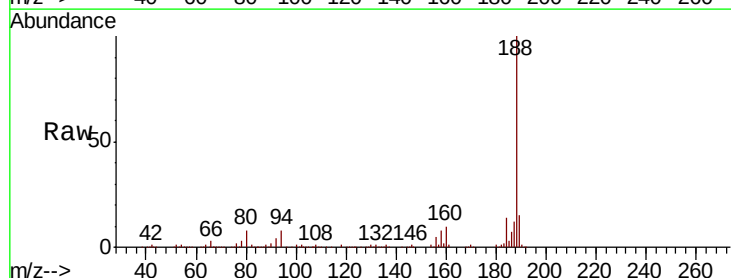
Tgt Ion:188 Resp: 397146

Ion Ratio Lower Upper

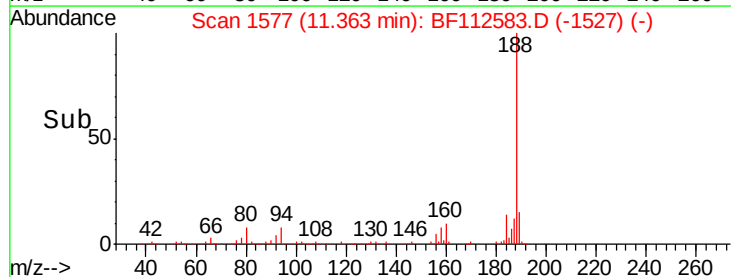
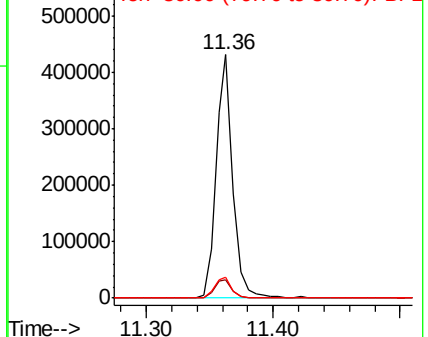
188 100

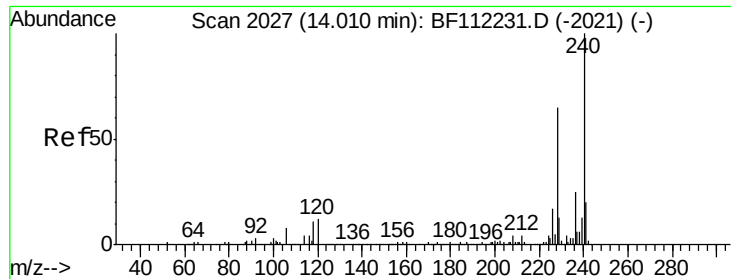
94 7.6 8.2 12.2#

80 8.4 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

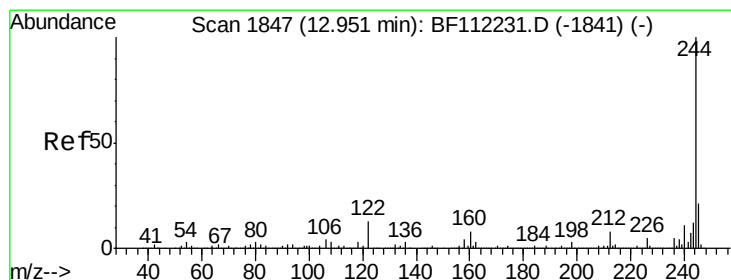
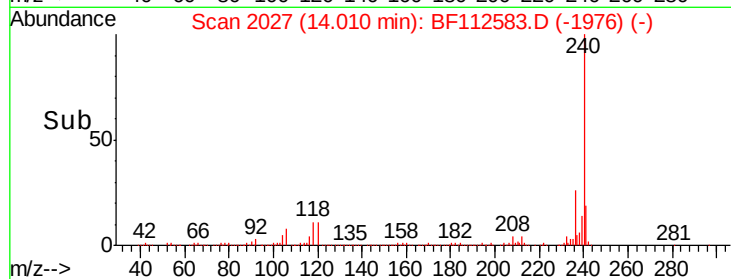
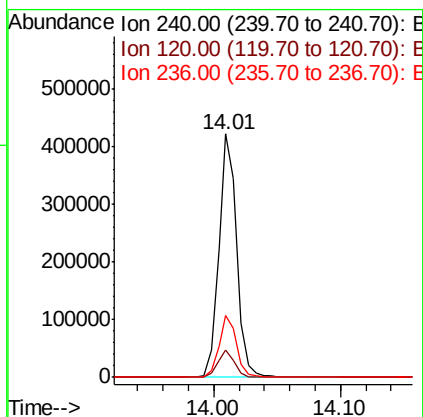
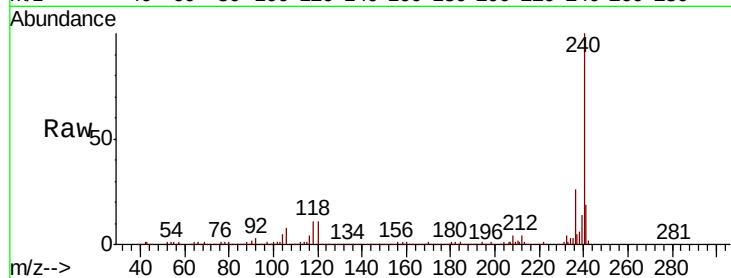




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112583.D
Acq: 15 Feb 2019 17:19

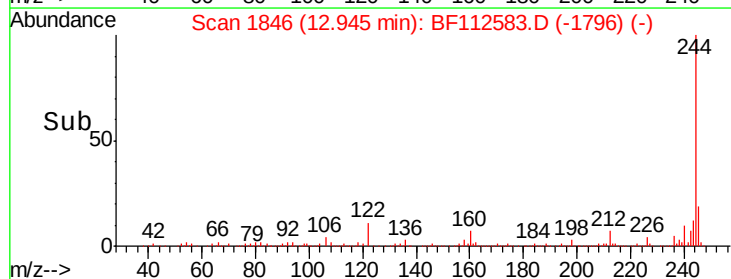
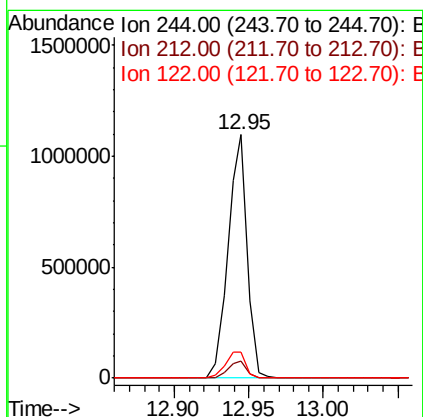
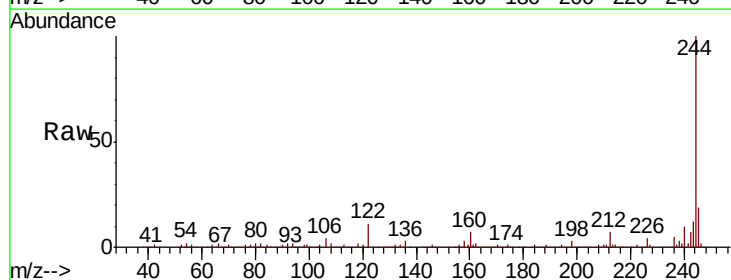
Instrument :
BNA_F
ClientSampleId :
M-2-D

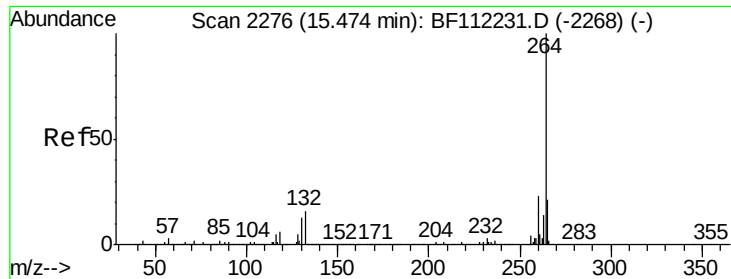
Tot Ion:240 Resp: 414081
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 45.188 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112583.D
Acq: 15 Feb 2019 17:19

Tgt Ion:244 Resp: 993463
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.6 9.8 14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF112583.D
 Acq: 15 Feb 2019 17:19

Instrument :
 BNA_F
 ClientSampleId :
 M-2-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	20.5	17.0	25.4

