

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113722.D
 Acq On : 11 Apr 2019 16:06
 Operator : JU/SJ
 Sample : K2343-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D

Quant Time: Apr 12 01:52:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113117	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	422482	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	204567	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	425199	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	344810	20.00	ng	-0.02
87) Perylene-d12	15.23	264	314075	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	774364	116.73	ng	0.00
7) Phenol-d6	6.33	99	901785	110.30	ng	-0.01
23) Nitrobenzene-d5	7.24	82	678655	94.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	357179	145.35	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1275736	100.40	ng	-0.02
79) Terphenyl-d14	12.77	244	1476300	87.17	ng	-0.02

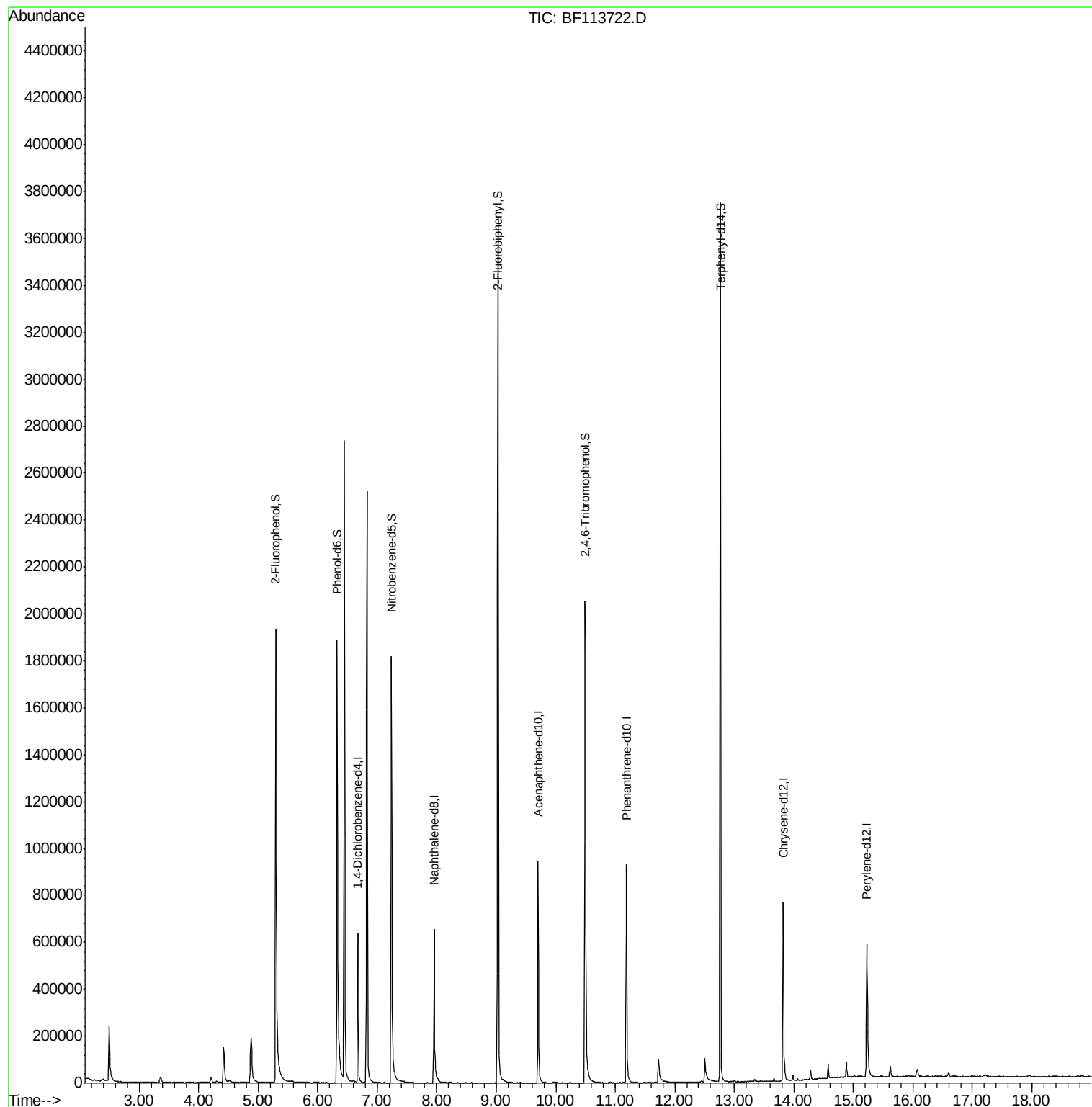
Target Compounds Qvalue

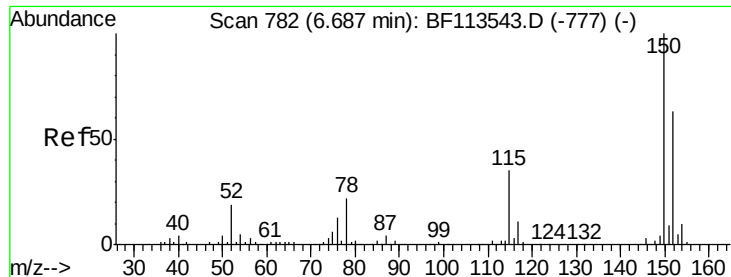
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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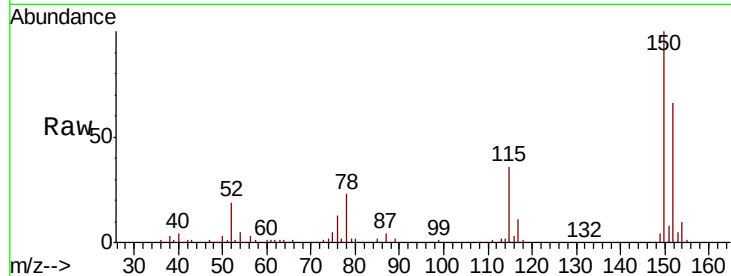


#1

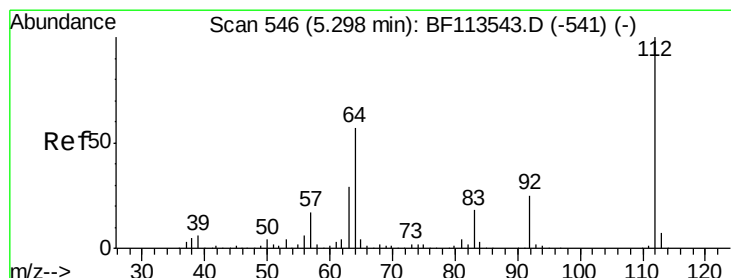
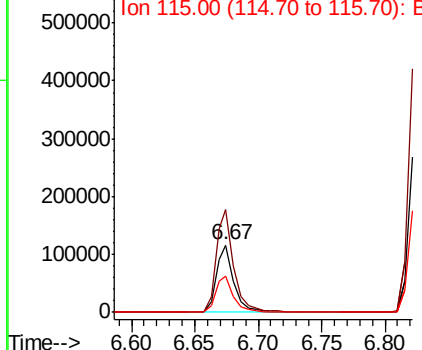
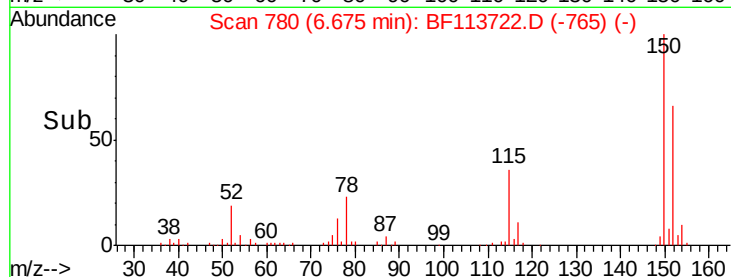
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Instrument :
 BNA_F
 ClientSampled :
 TP-7-D

Tot Ion:152 Resp: 113117
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.7 187.1
 115 54.1 46.0 69.0



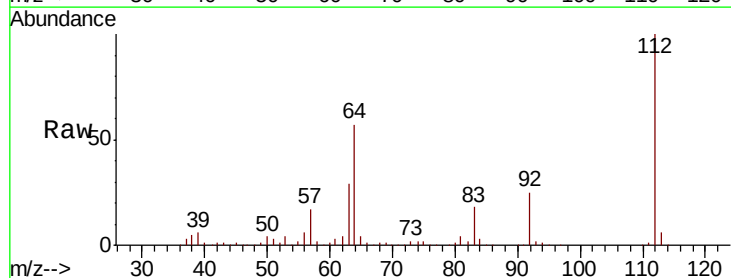
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



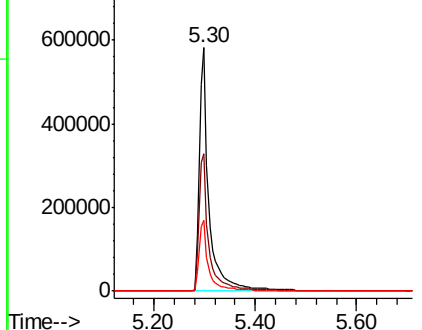
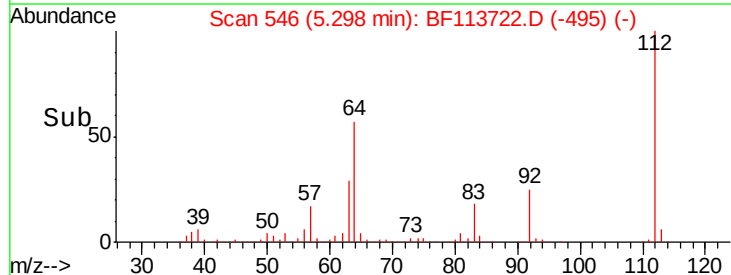
#5

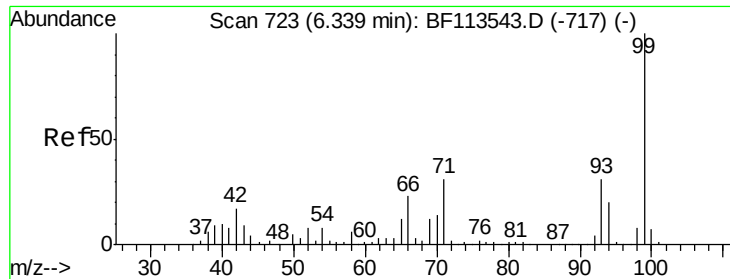
2-Fluorophenol
 Concen: 116.735 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Tgt Ion:112 Resp: 774364
 Ion Ratio Lower Upper
 112 100
 64 56.5 49.2 73.8
 63 28.9 24.9 37.3



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: 110.298 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

TP-7-D

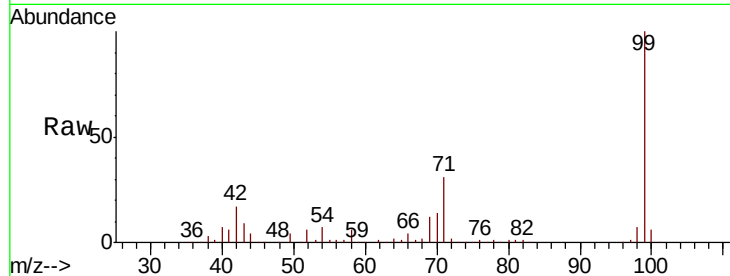
Tot Ion: 99 Resp: 901785

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

71 30.7 24.9 37.3



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

800000

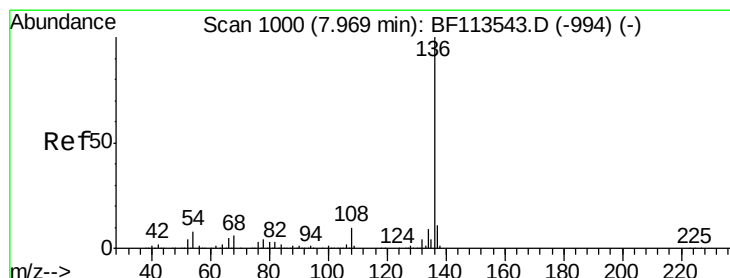
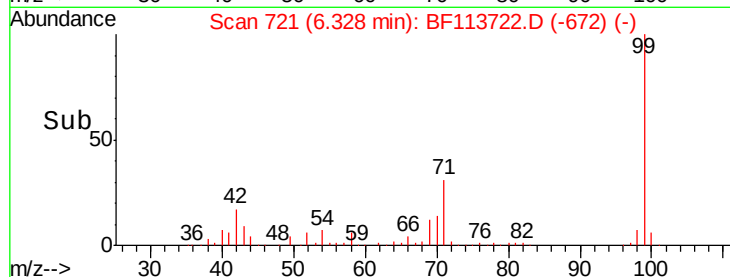
600000

400000

200000

0

Time--> 6.20 6.40 6.60



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Tgt Ion: 136 Resp: 422482

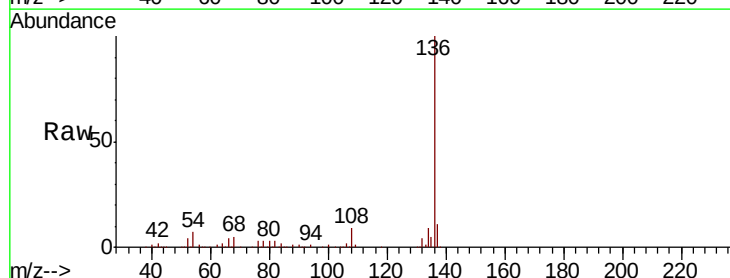
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 7.0 10.6

68 5.3 4.8 7.2



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

500000

400000

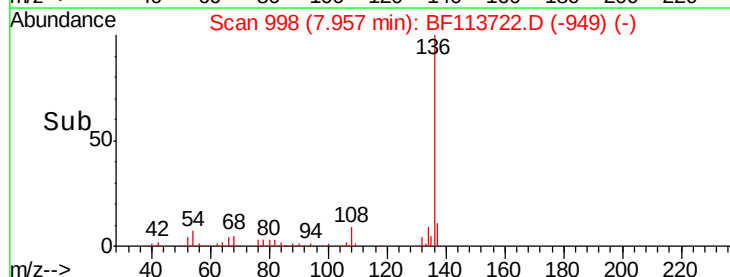
300000

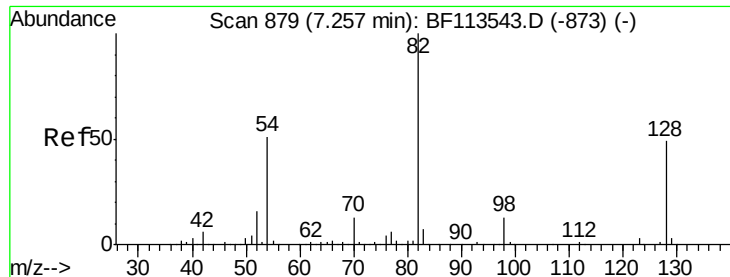
200000

100000

0

Time--> 7.80 8.00 8.20

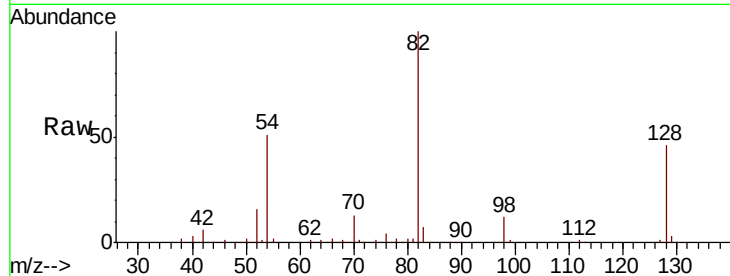




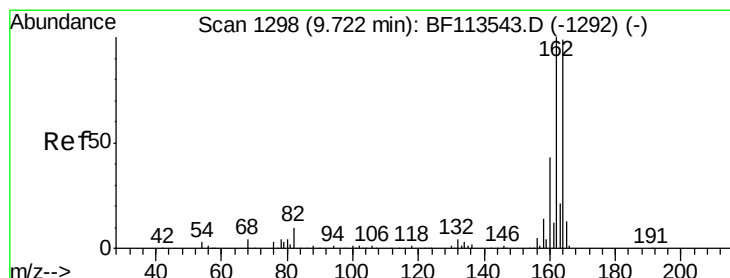
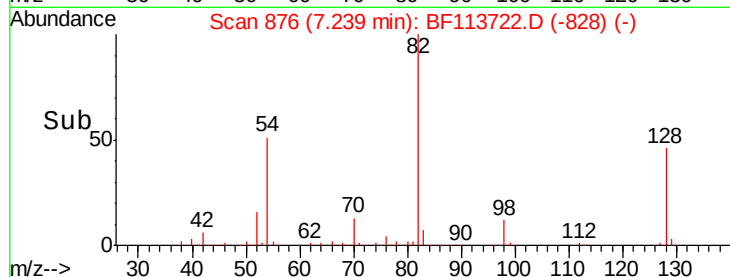
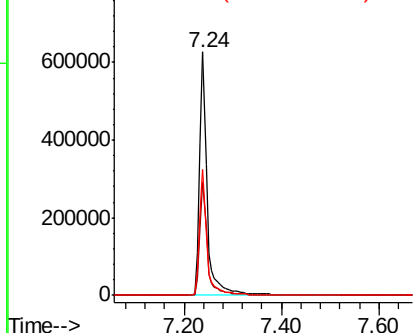
#23
Nitrobenzene-d5
Concen: 94.092 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Instrument :
BNA_F
ClientSampled :
TP-7-D

Tot Ion: 82 Resp: 678655
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 51.5 42.2 63.2

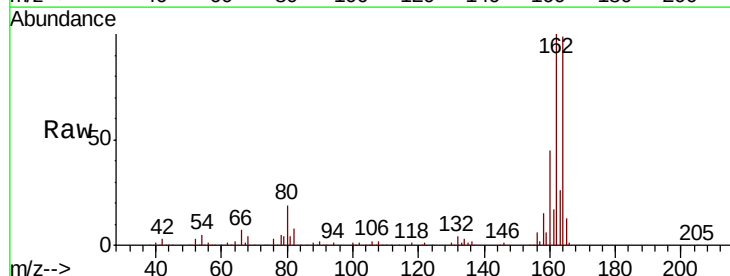


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

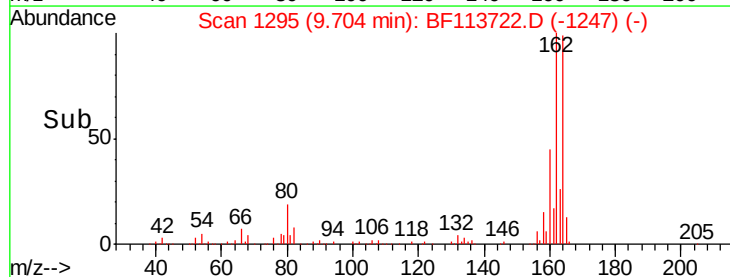
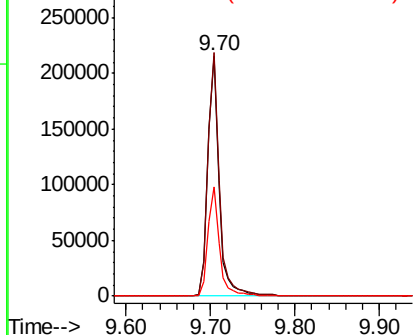


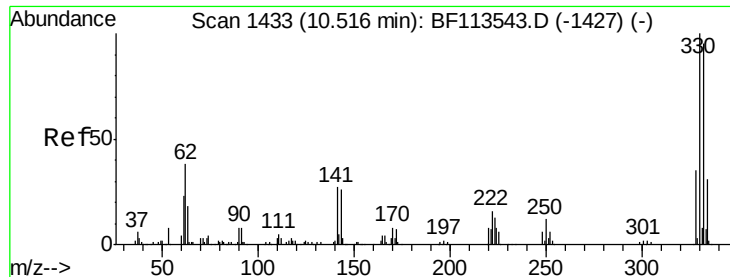
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Tgt Ion:164 Resp: 204567
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 45.4 36.4 54.6



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

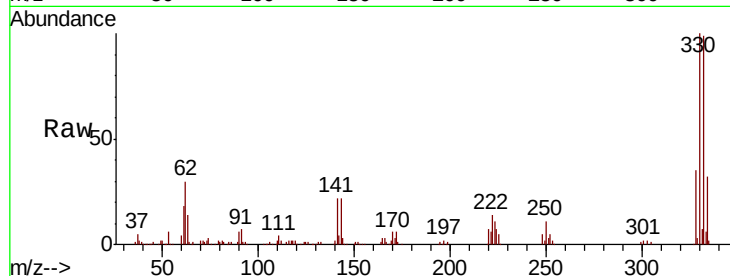




#42
 2,4,6-Tribromophenol
 Concen: 145.351 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.6
141	27.4	22.7	34.1

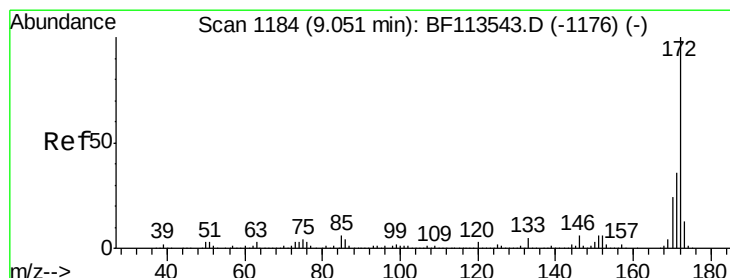
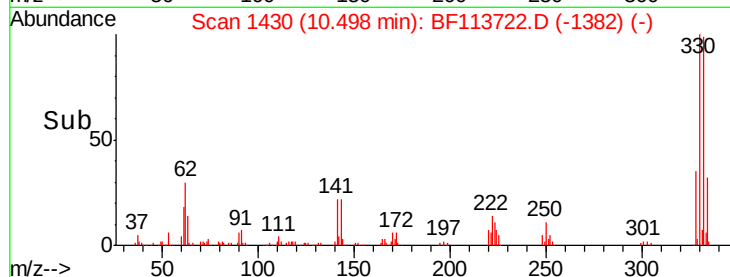
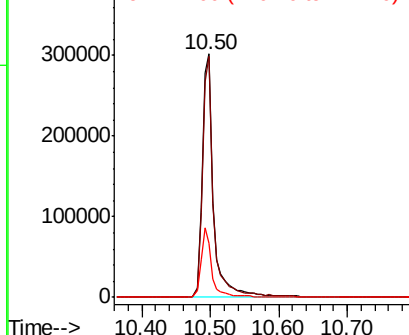


Abundance

Ion 329.80 (329.50 to 330.50): E

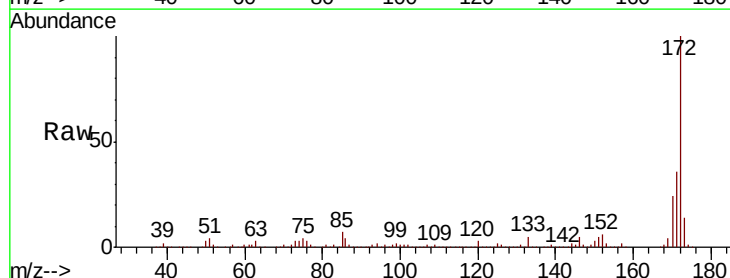
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.397 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.5	29.3

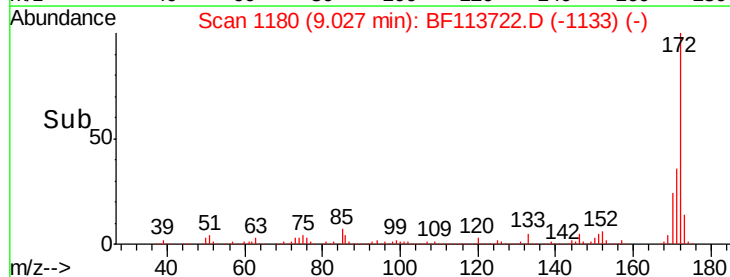
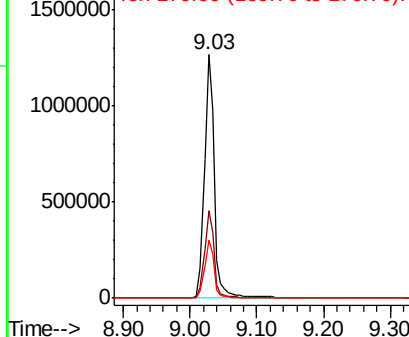


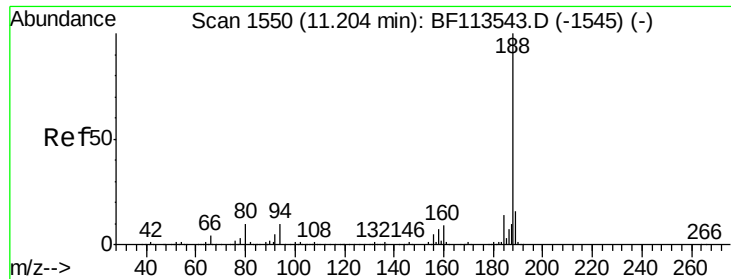
Abundance

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

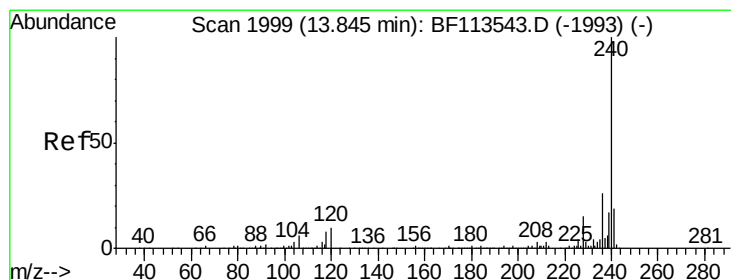
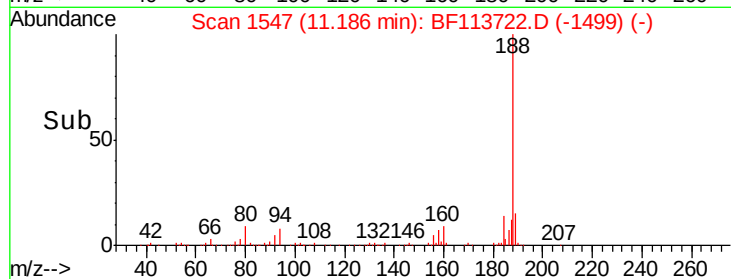
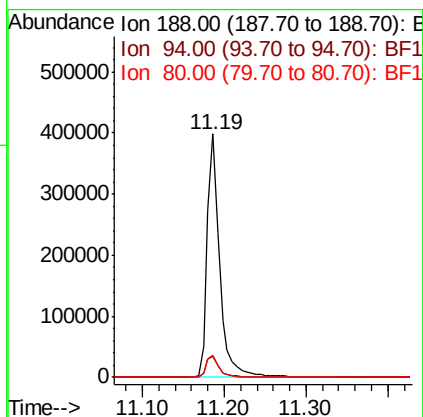
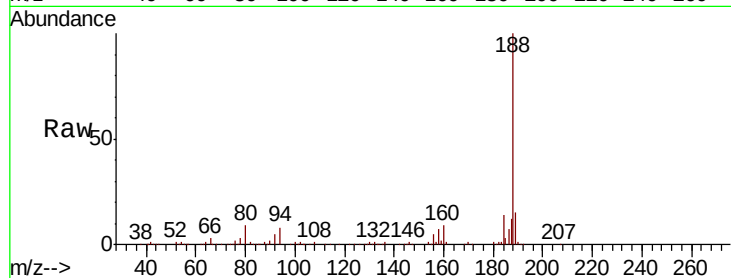




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

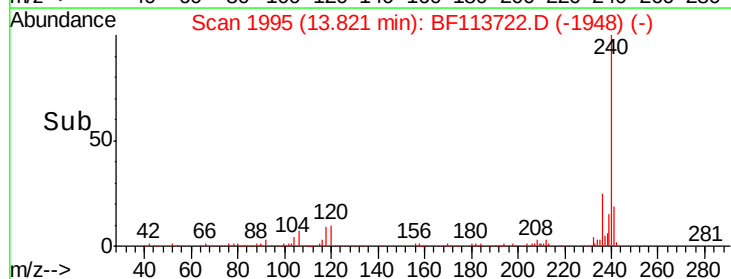
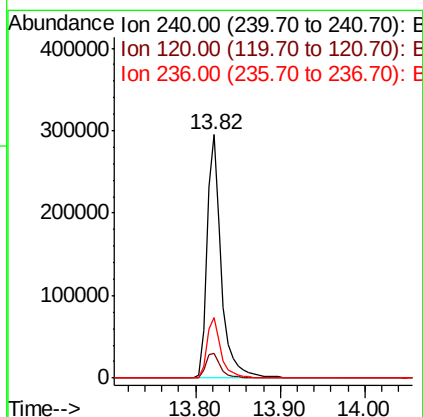
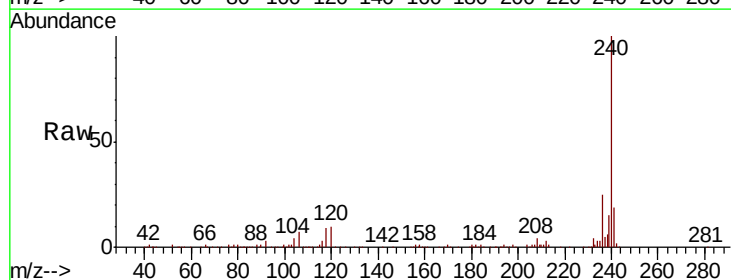
Instrument :
BNA_F
ClientSampled :
TP-7-D

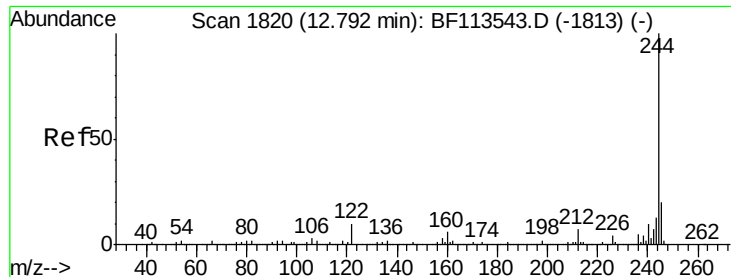
Tot Ion:188 Resp: 425199
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Tgt Ion:240 Resp: 344810
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 24.9 20.9 31.3





#79

Terphenyl-d14

Concen: 87.172 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

TP-7-D

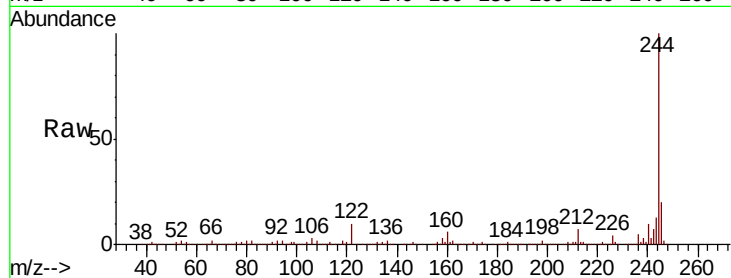
Tot Ion:244 Resp: 1476300

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

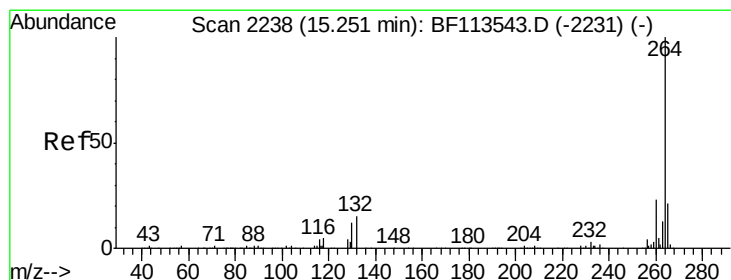
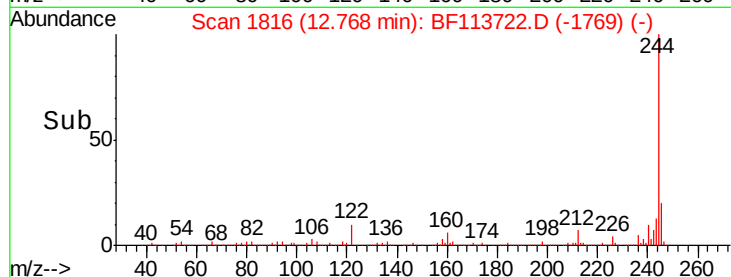
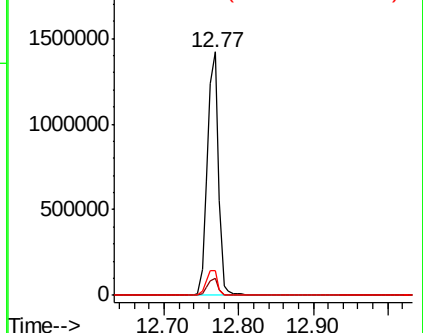
122 10.3 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

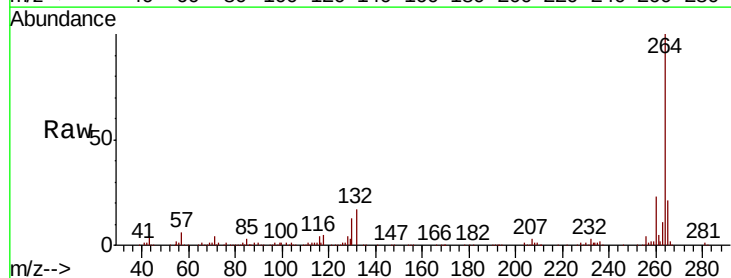
Tgt Ion:264 Resp: 314075

Ion Ratio Lower Upper

264 100

260 22.7 19.1 28.7

265 21.1 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

