

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114642.D
 Acq On : 29 May 2019 19:36
 Operator : HP/JU
 Sample : K3041-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: May 30 04:31:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	275508	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1046642	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	516891	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1046876	20.00	ng	0.00
76) Chrysene-d12	13.81	240	897412	20.00	ng	0.00
87) Perylene-d12	15.20	264	900848	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1147872	73.15	ng	0.00
7) Phenol-d6	6.32	99	944128	49.93	ng	-0.01
23) Nitrobenzene-d5	7.25	82	1584165	94.43	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	676590	137.37	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2684698	100.48	ng	0.00
79) Terphenyl-d14	12.77	244	3259066	68.28	ng	0.00

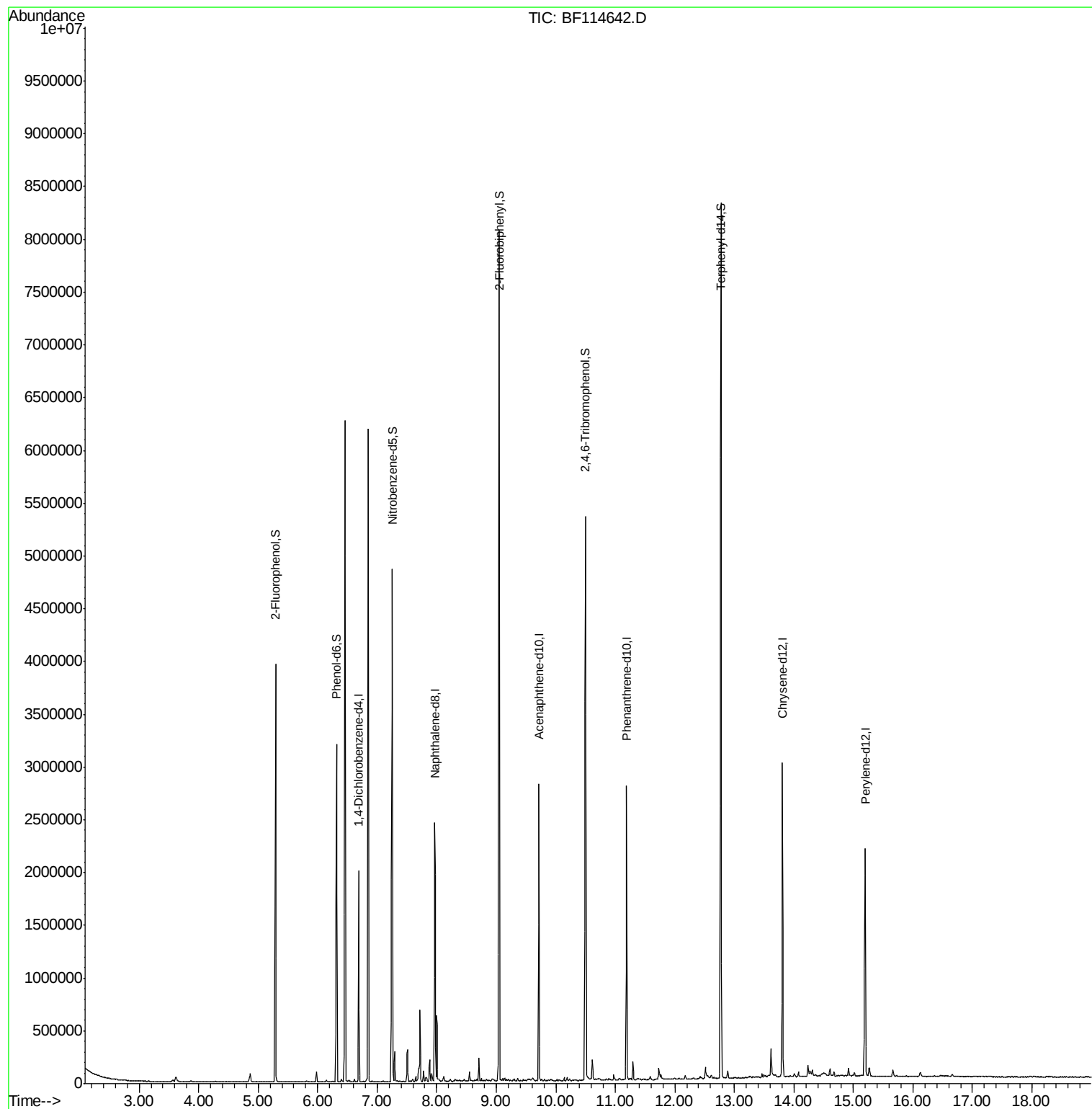
Target Compounds Qvalue

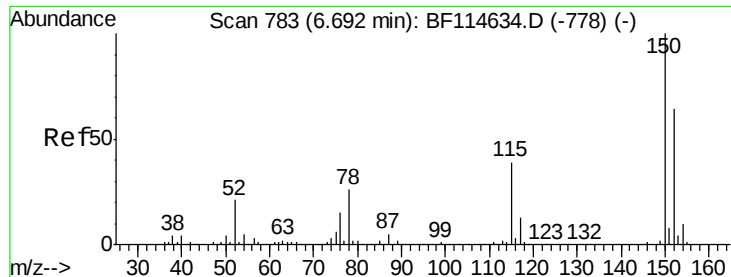
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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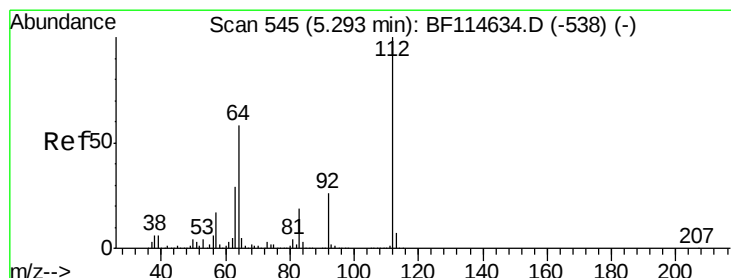
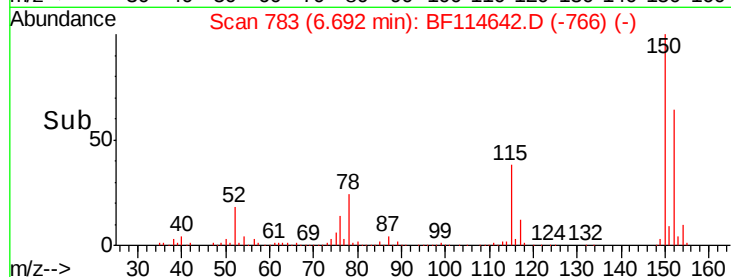
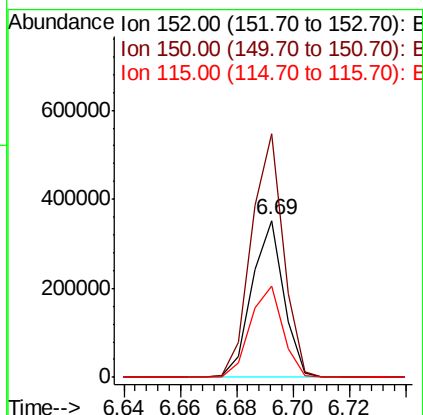
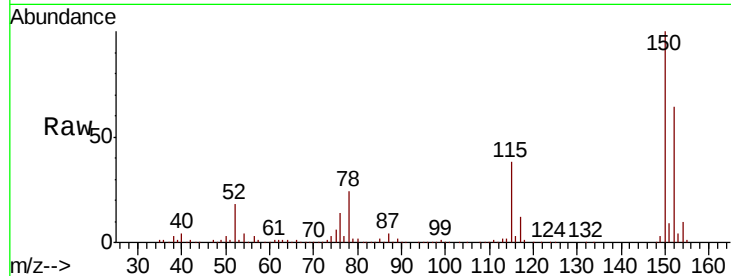


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

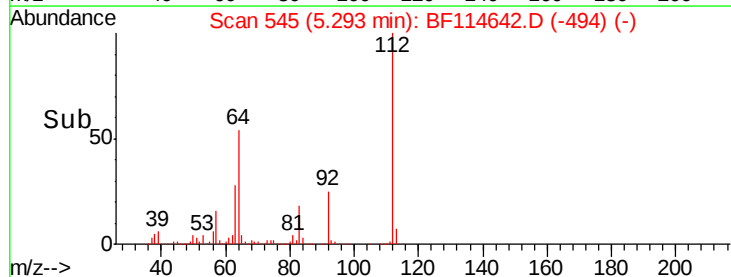
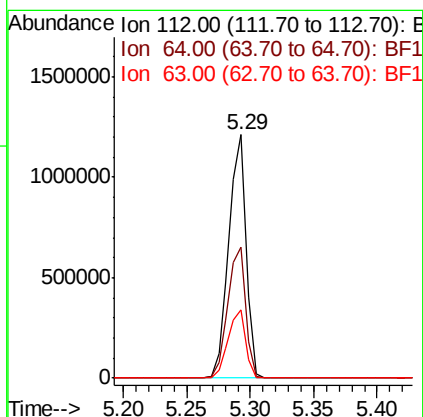
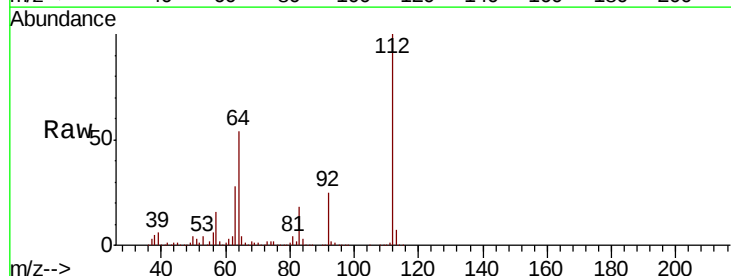
Tot Ion:152 Resp: 275508
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.4 186.6
 115 58.4 48.7 73.1

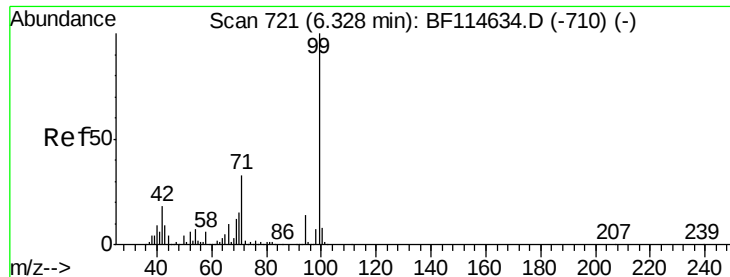


#5

2-Fluorophenol
 Concen: 73.150 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Tgt Ion:112 Resp: 1147872
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.1 69.1
 63 27.9 23.4 35.2





#7

Phenol-d6

Concen: 49.929 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

Instrument :

BNA_F

ClientSampleId :

TP-2

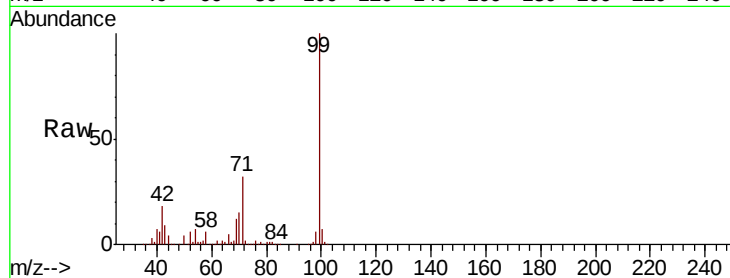
Tot Ion: 99 Resp: 944128

Ion Ratio Lower Upper

99 100

42 17.8 14.7 22.1

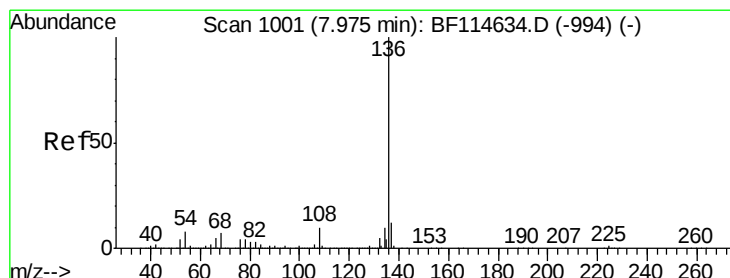
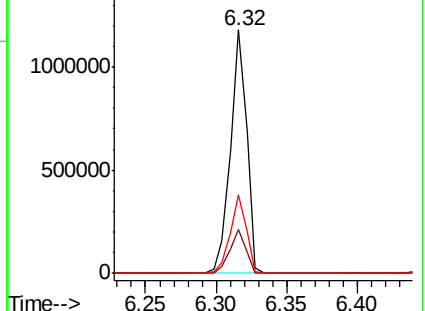
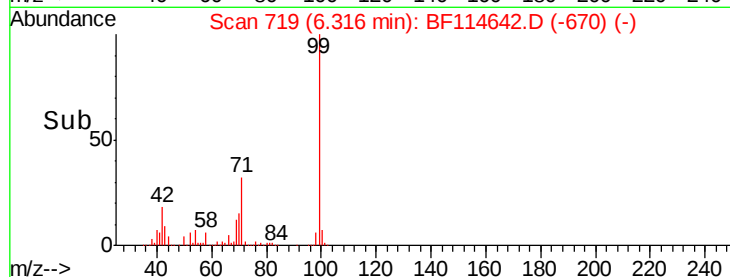
71 32.2 26.6 40.0



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: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

Tgt Ion: 136 Resp: 1046642

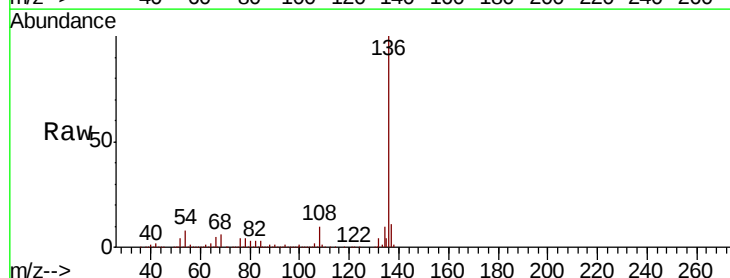
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.8 6.3 9.5

68 6.4 5.4 8.0

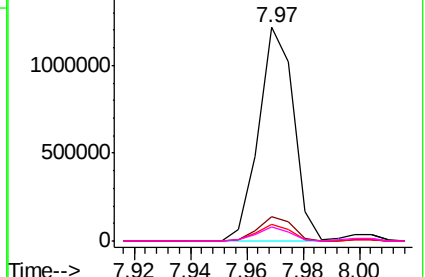
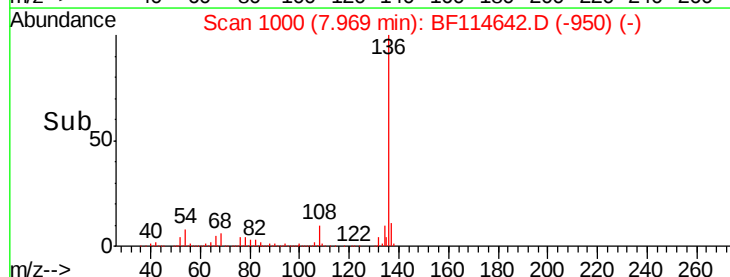


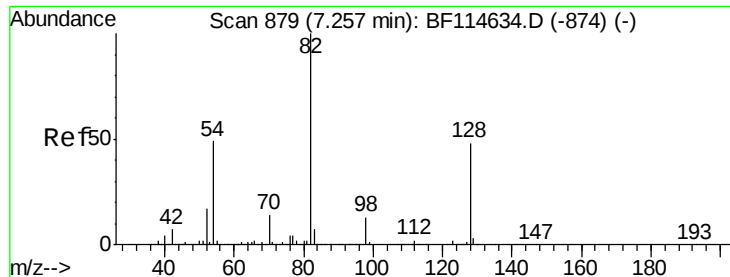
Abundance Ion 136.00 (135.70 to 136.70): E

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



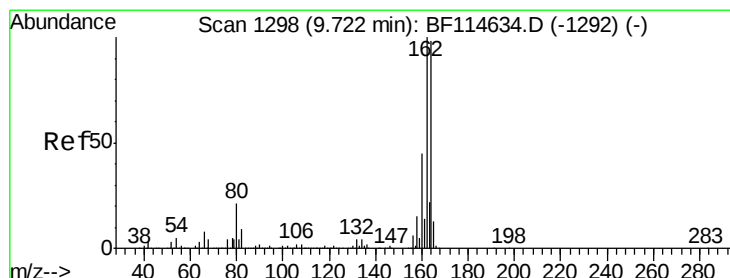
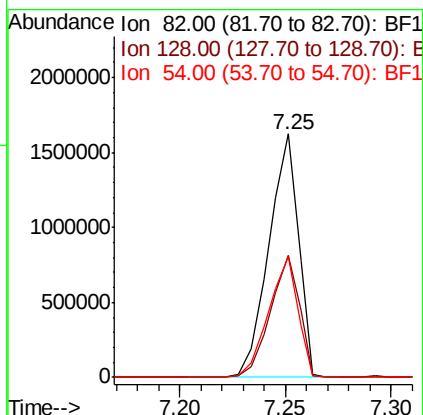
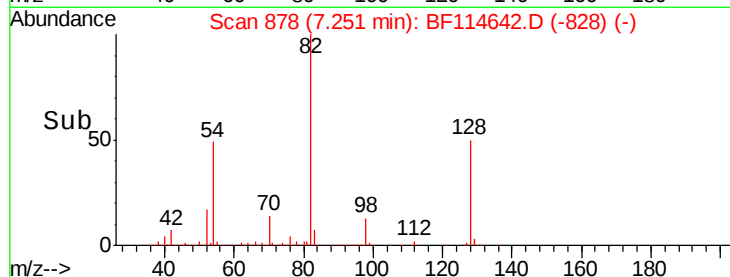
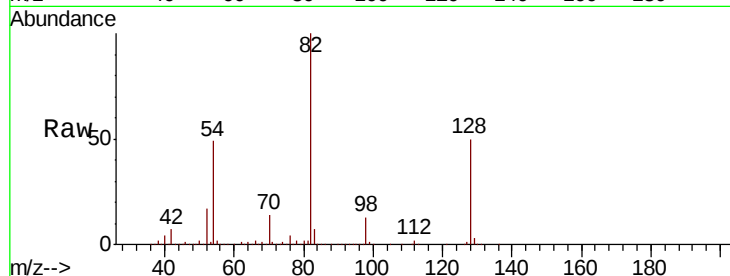


#23
 Nitrobenzene-d5
 Concen: 94.430 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion: 82 Resp: 1584165

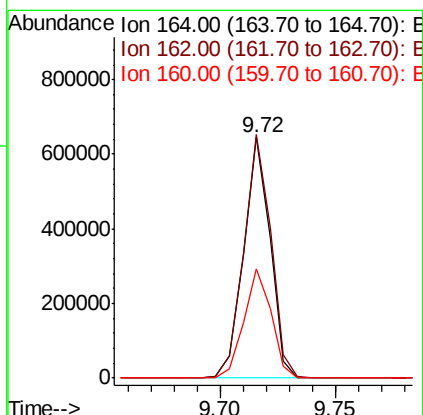
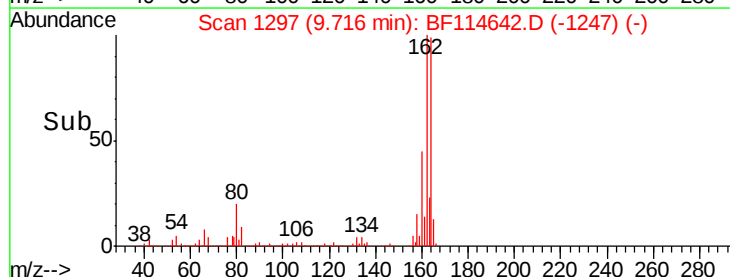
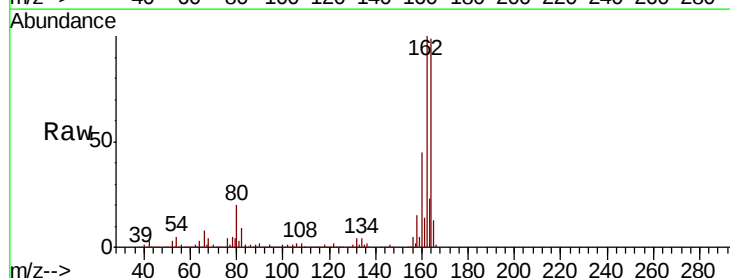
Ion	Ratio	Lower	Upper
82	100		
128	49.9	38.5	57.7
54	49.4	39.1	58.7

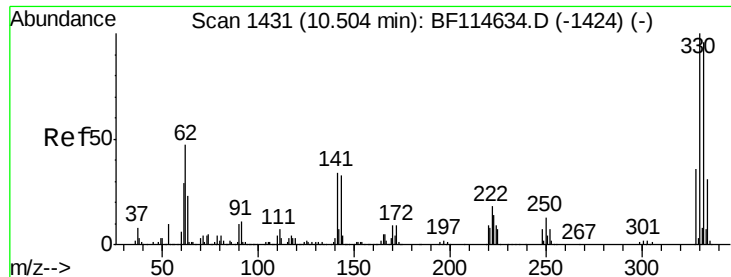


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Tgt Ion: 164 Resp: 516891

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.2
160	45.2	36.6	54.8

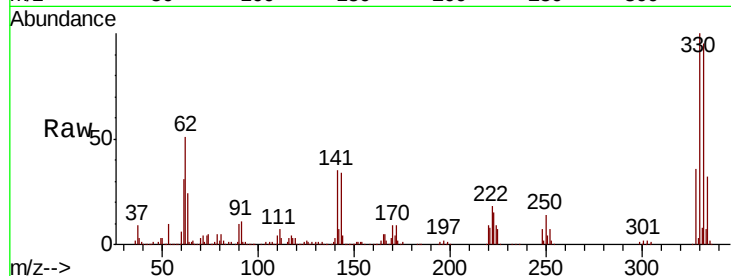




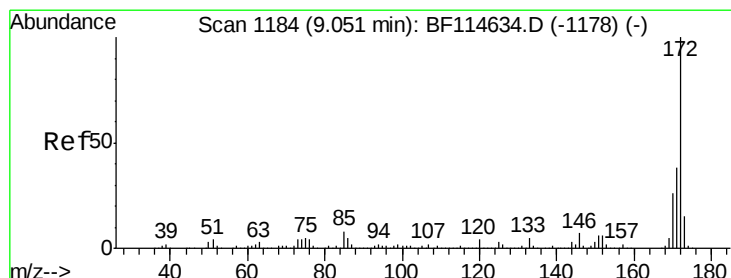
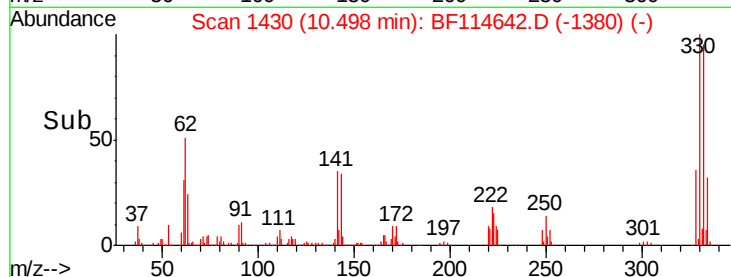
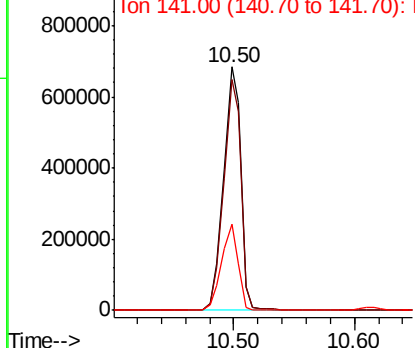
#42
 2,4,6-Tribromophenol
 Concen: 137.374 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion:330 Resp: 676590
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.8 113.8
 141 34.2 27.8 41.8

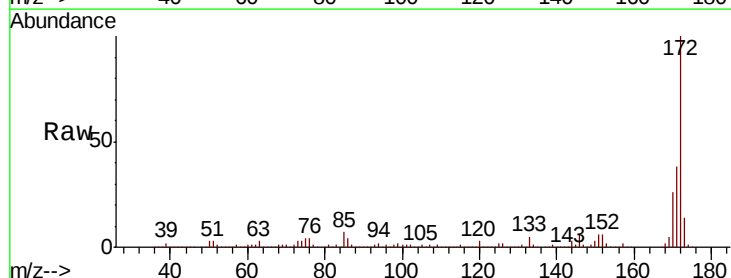


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

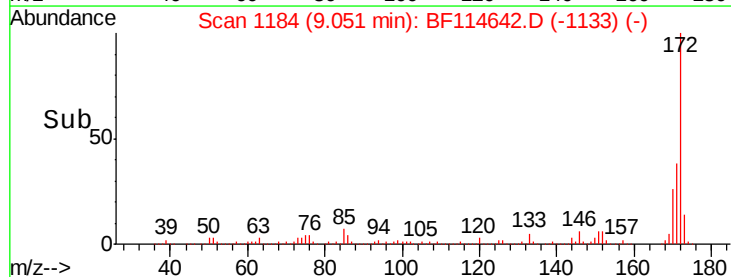
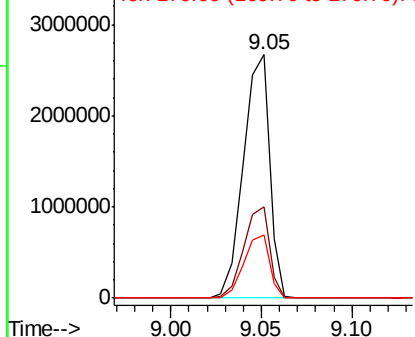


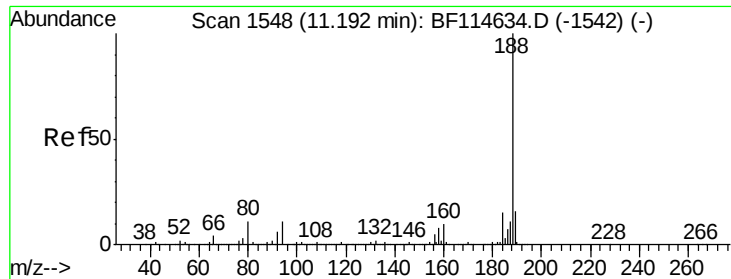
#45
 2-Fluorobiphenyl
 Concen: 100.482 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114642.D
 Acq: 29 May 2019 19:36

Tgt Ion:172 Resp: 2684698
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.6 45.8
 170 26.0 20.7 31.1



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

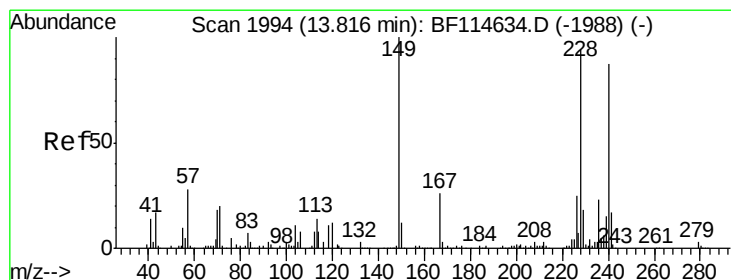
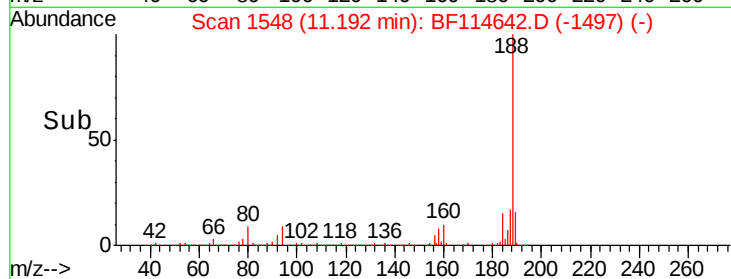
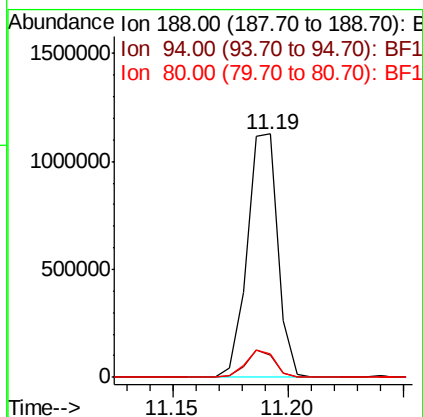
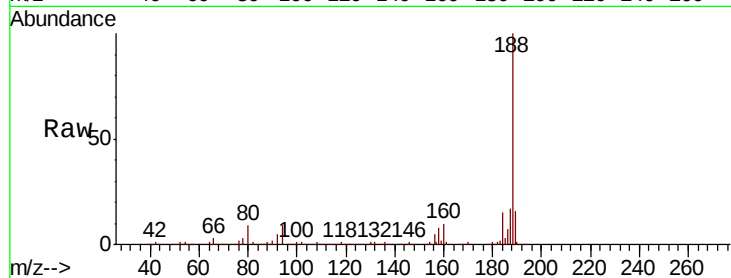




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114642.D
Acq: 29 May 2019 19:36

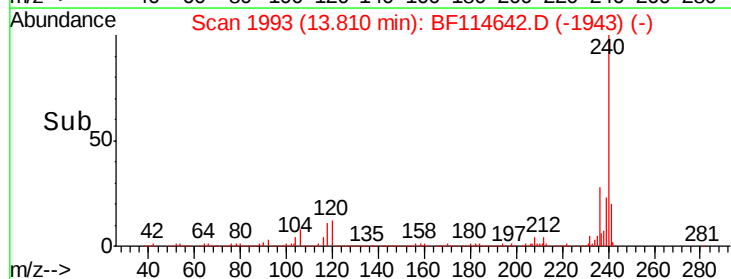
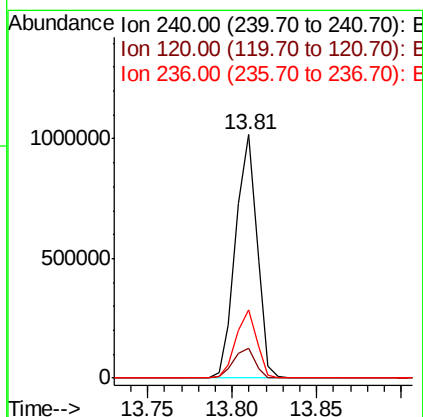
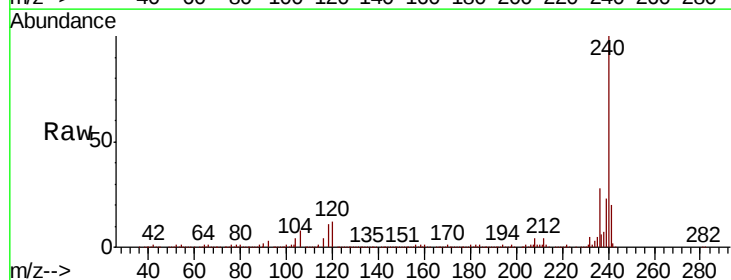
Instrument :
BNA_F
ClientSampleId :
TP-2

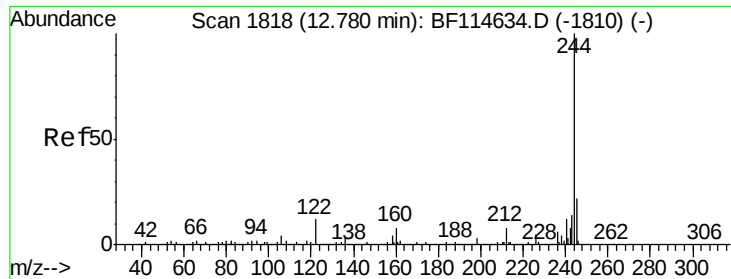
Tot Ion:188 Resp: 1046876
Ion Ratio Lower Upper
188 100
94 9.0 8.6 13.0
80 9.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114642.D
Acq: 29 May 2019 19:36

Tgt Ion:240 Resp: 897412
Ion Ratio Lower Upper
240 100
120 12.2 11.2 16.8
236 27.9 21.2 31.8





#79

Terphenyl-d14

Concen: 68.280 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

Instrument :

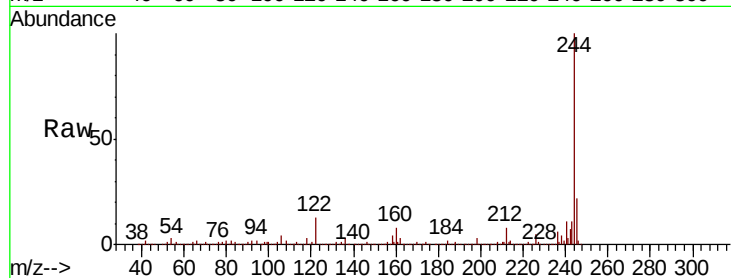
BNA_F

ClientSampleId :

TP-2

Tot Ion:244 Resp: 3259066

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	12.9	9.8	14.8

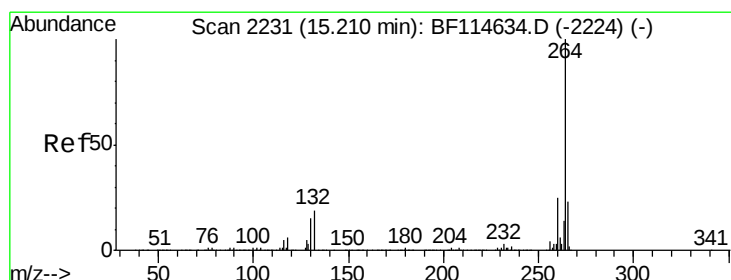
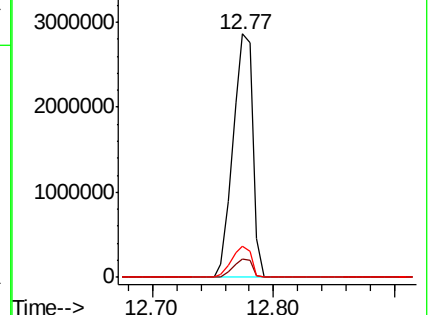
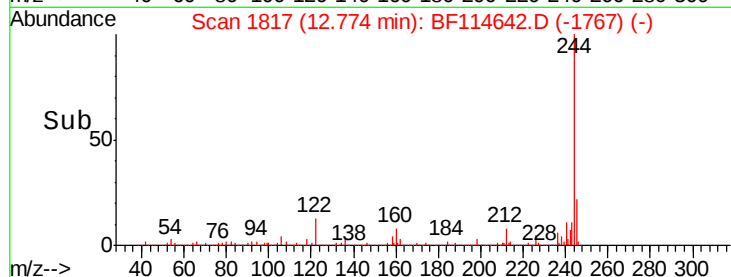


Abundance

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: 15.20 min Scan# 2229

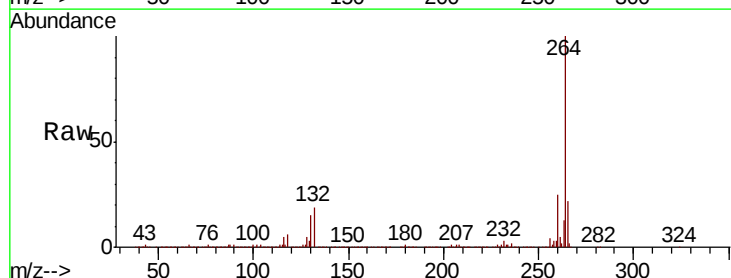
Delta R.T. -0.01 min

Lab File: BF114642.D

Acq: 29 May 2019 19:36

Tgt Ion:264 Resp: 900848

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.7	18.1	27.1



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

