

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113727.D
 Acq On : 11 Apr 2019 18:31
 Operator : JU/SJ
 Sample : K2200-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-C

Quant Time: Apr 12 02:12:48 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

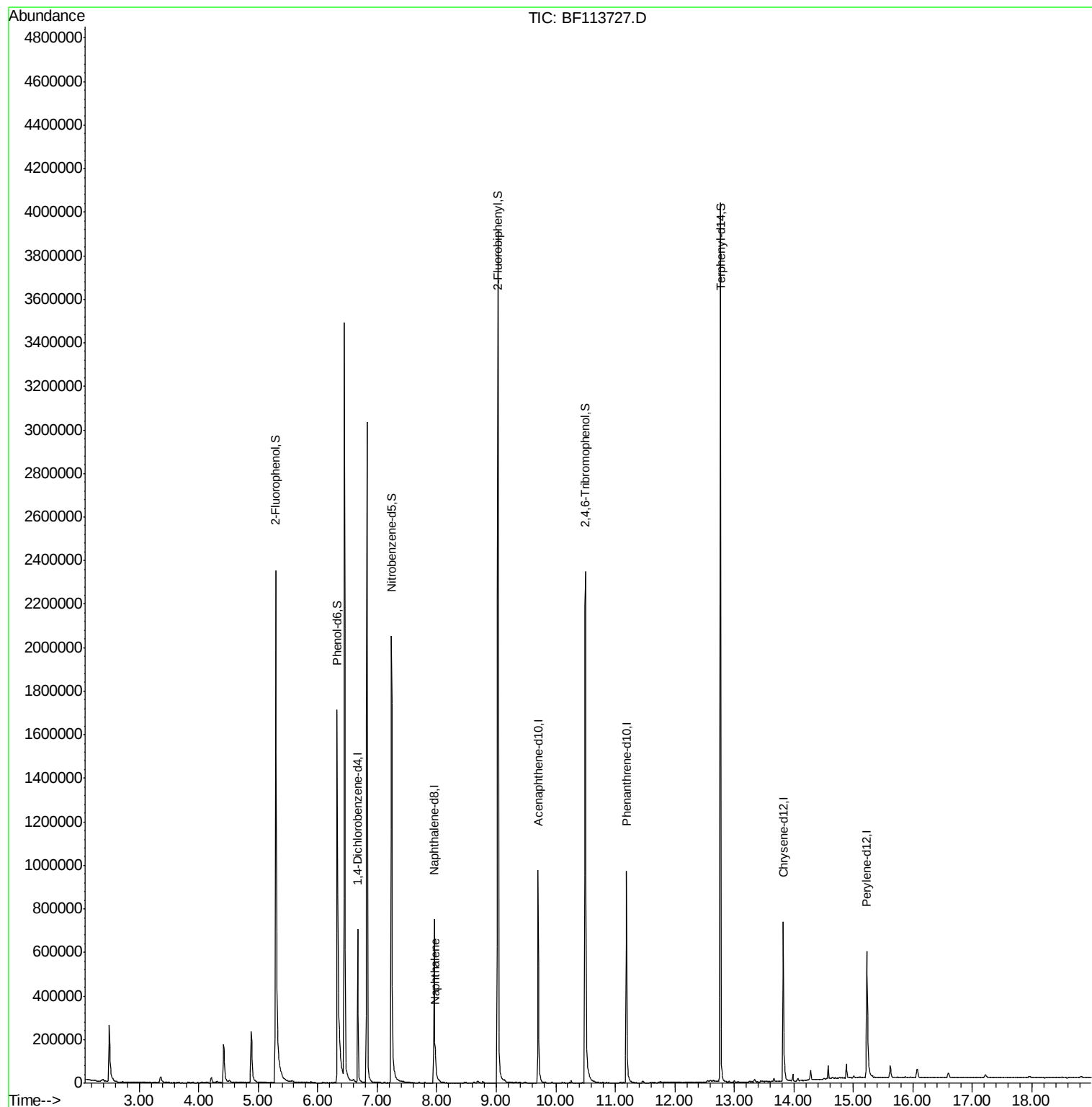
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	120796	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	440147	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	216044	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	435276	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	324960	20.00	ng	-0.02
87) Perylene-d12	15.23	264	311321	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	902163	127.35	ng	0.00
7) Phenol-d6	6.33	99	1035790	118.64	ng	-0.01
23) Nitrobenzene-d5	7.24	82	828926	110.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	417532	160.89	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1527845	113.85	ng	-0.02
79) Terphenyl-d14	12.77	244	1655233	103.71	ng	-0.02
Target Compounds						
31) Naphthalene	7.98	128	50334	2.360	ng	Qvalue 97

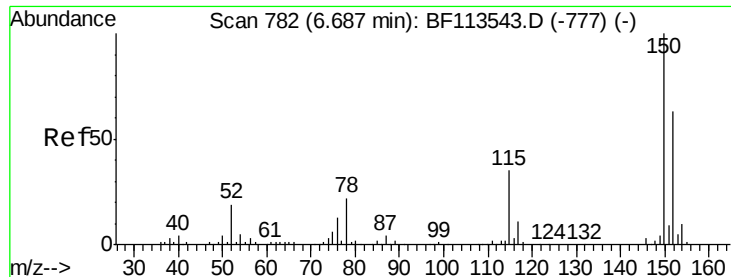
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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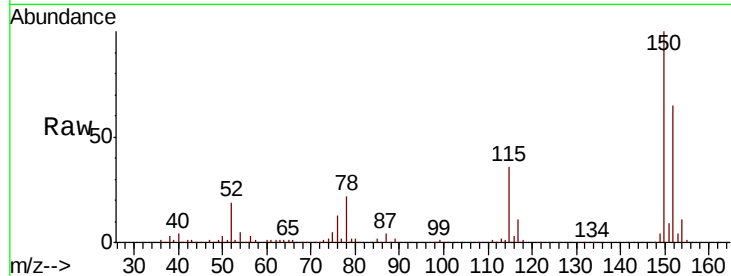


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.7	187.1
115	55.2	46.0	69.0

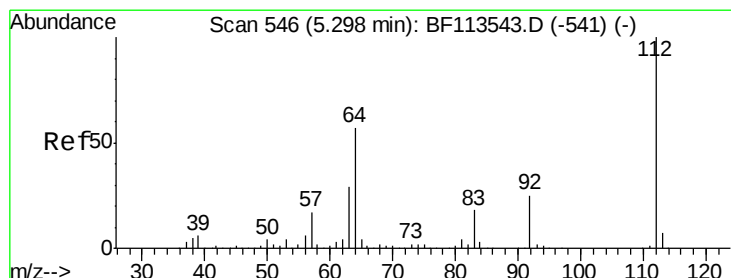
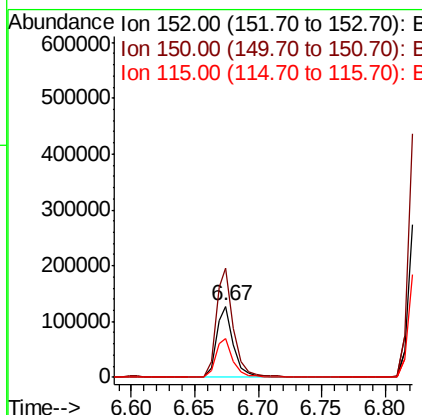
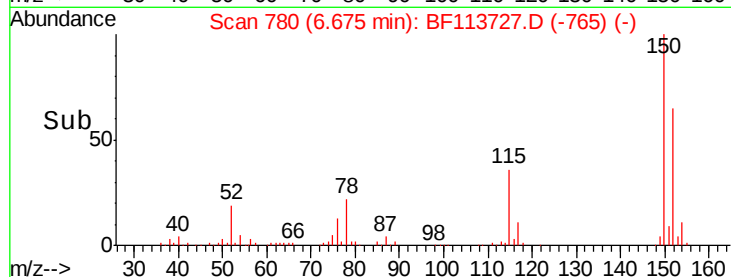


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

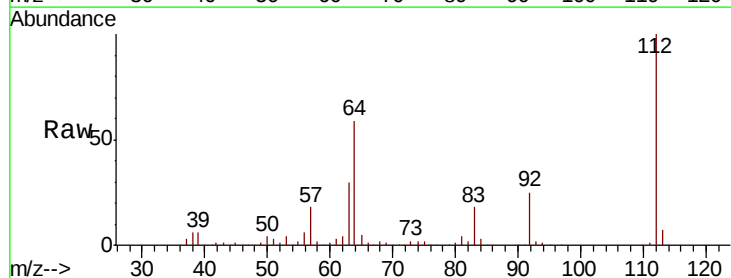
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 127.355 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	49.2	73.8
63	30.1	24.9	37.3

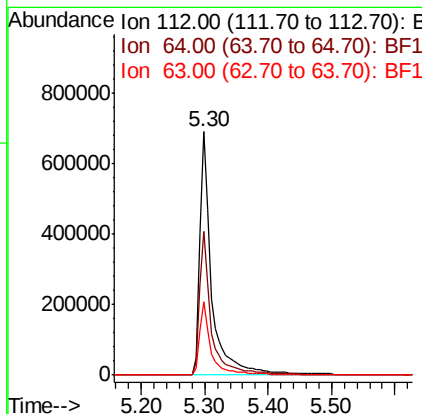
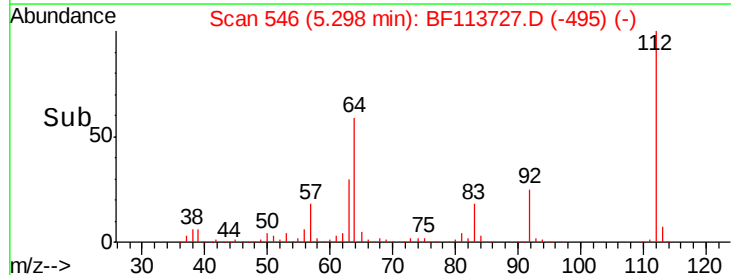


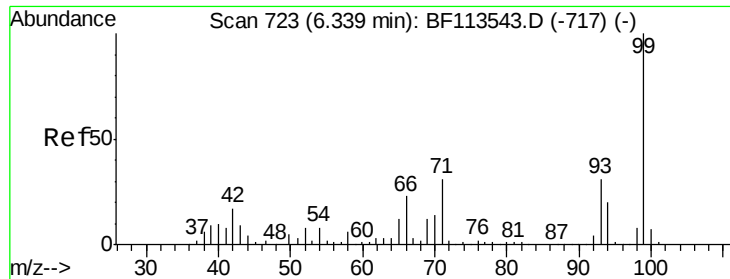
Abundance

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: 118.635 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Instrument :

BNA_F

ClientSampleId :

EO-01-040919-C

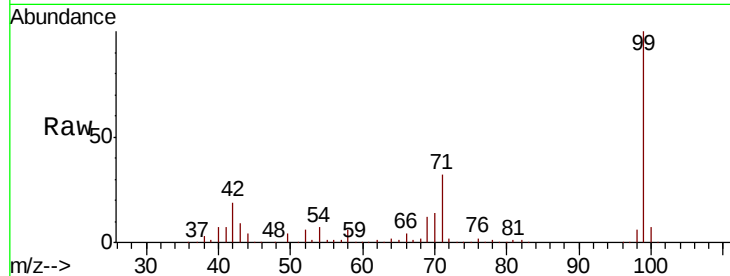
Tot Ion: 99 Resp: 1035790

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

71 32.2 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

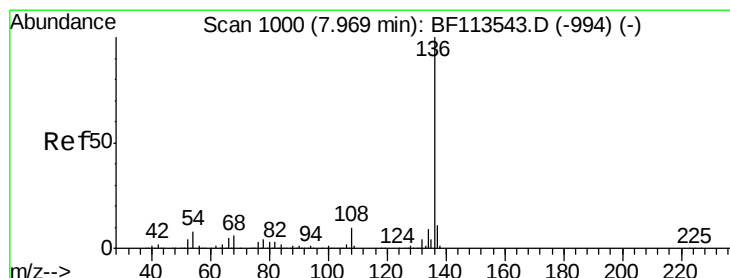
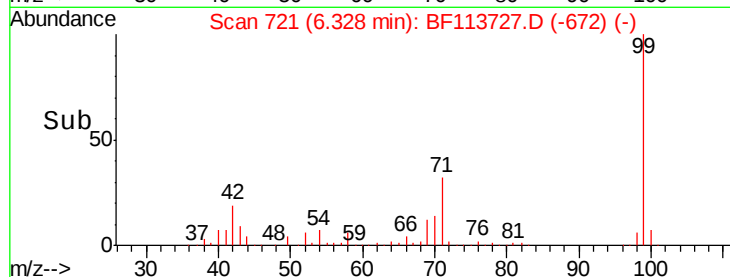
400000

200000

0

6.20 6.40 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113727.D

Acq: 11 Apr 2019 18:31

Tgt Ion: 136 Resp: 440147

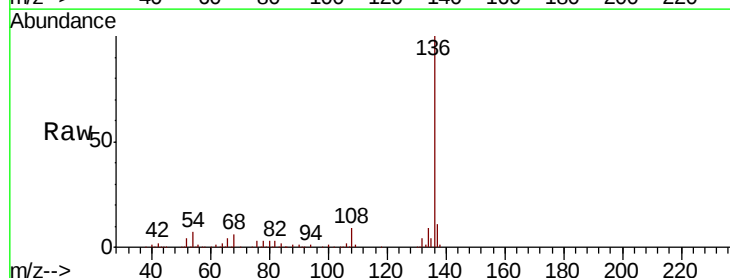
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.1 7.0 10.6

68 5.5 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

600000

500000

400000

300000

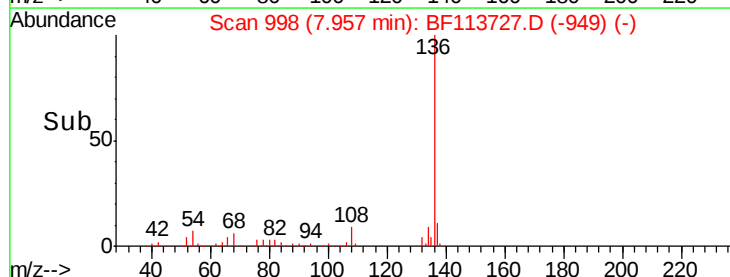
200000

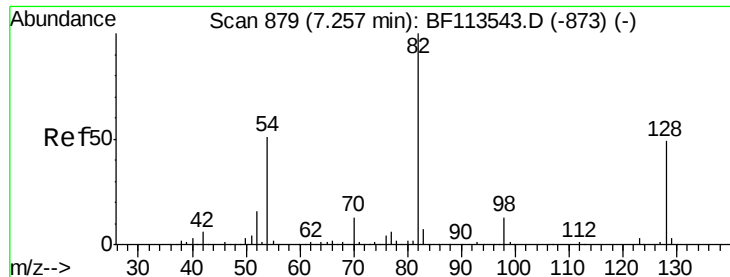
100000

0

7.90 8.00 8.10

Time-->

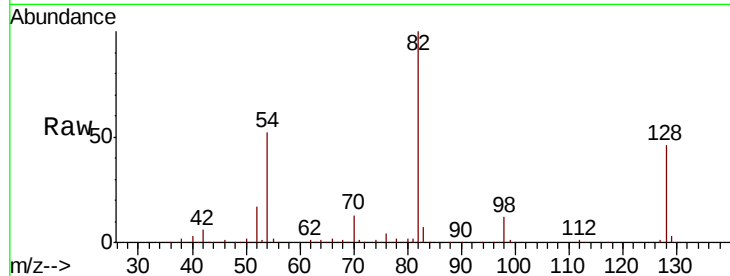




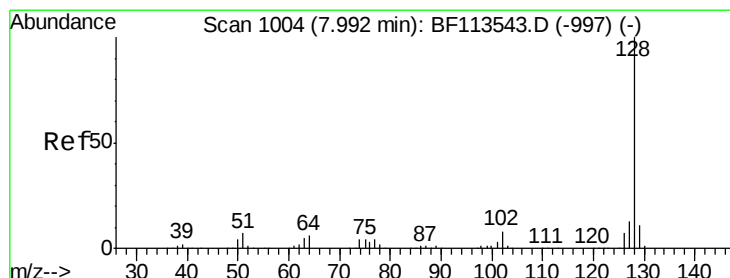
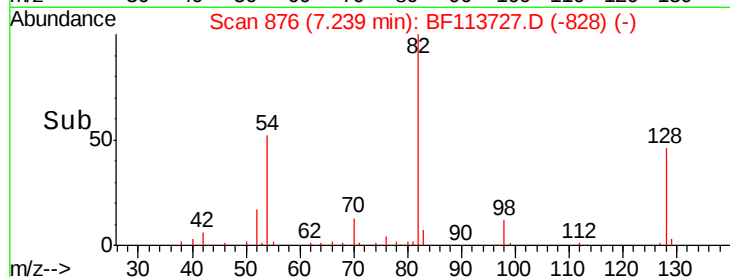
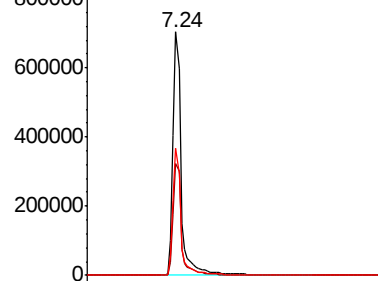
#23
Nitrobenzene-d5
Concen: 110.314 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Instrument :
BNA_F
ClientSampleId :
EO-01-040919-C

Tot Ion: 82 Resp: 828926
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 52.3 42.2 63.2

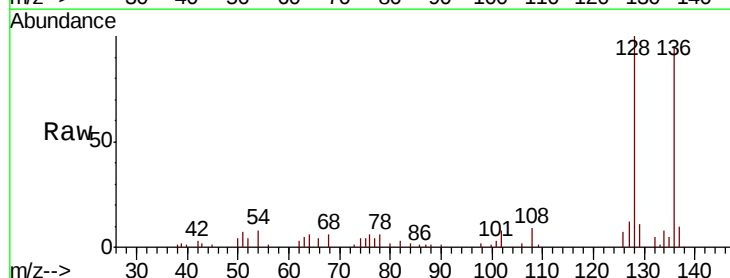


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

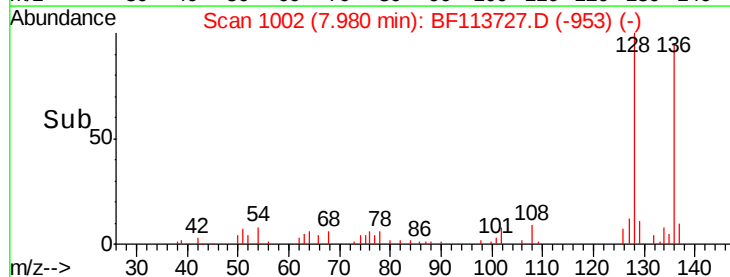
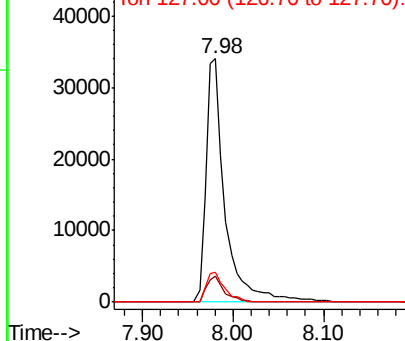


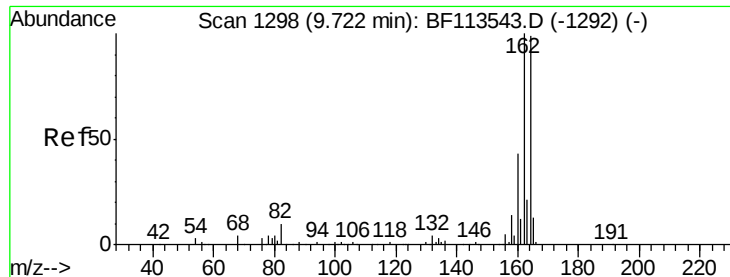
#31
Naphthalene
Concen: 2.360 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion:128 Resp: 50334
Ion Ratio Lower Upper
128 100
129 10.6 9.3 13.9
127 12.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

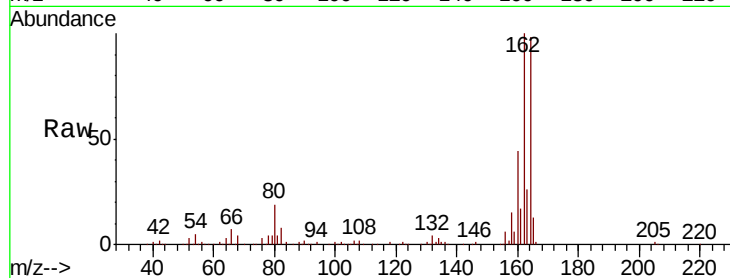




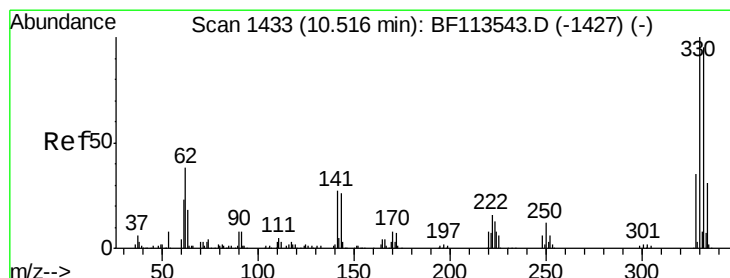
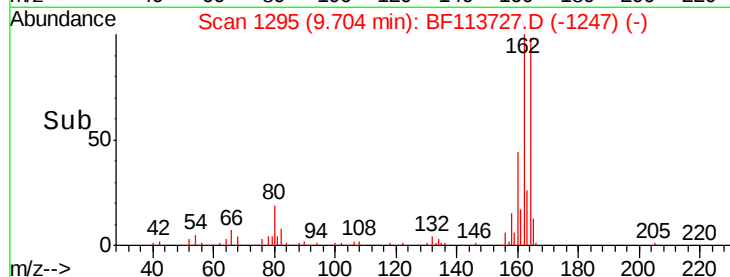
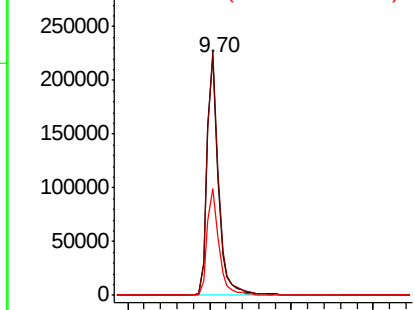
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-C

Tot Ion:164 Resp: 216044
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.8 122.6
 160 44.8 36.4 54.6

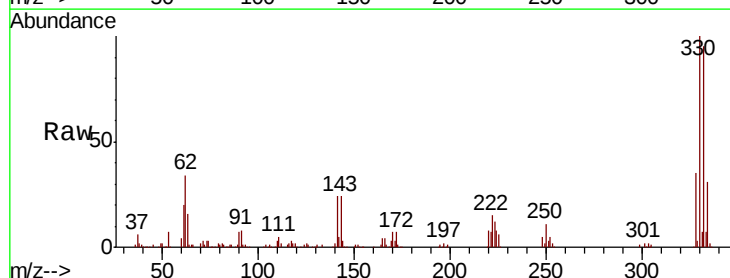


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

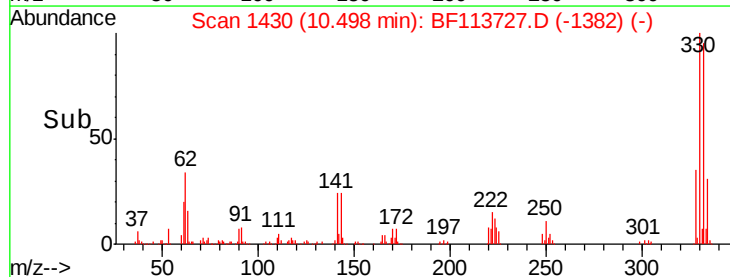
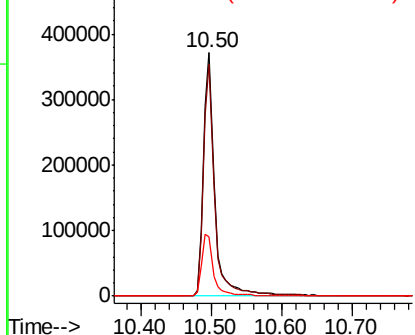


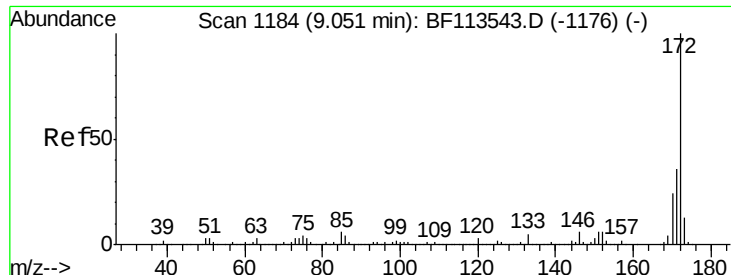
#42
 2,4,6-Tribromophenol
 Concen: 160.885 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Tgt Ion:330 Resp: 417532
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 27.7 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



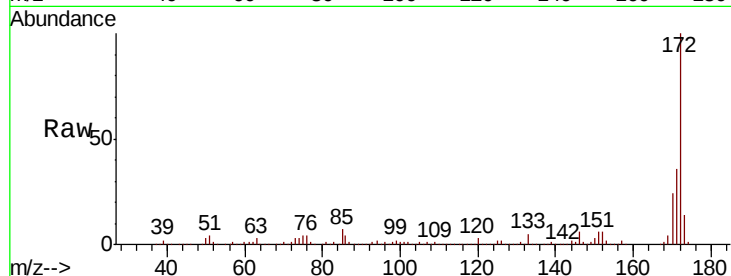


#45
 2-Fluorobiphenyl
 Concen: 113.850 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

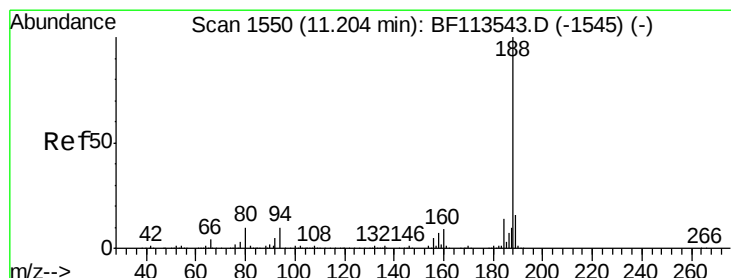
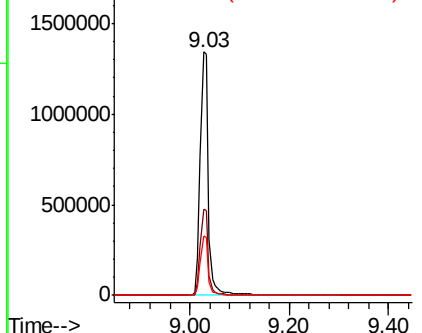
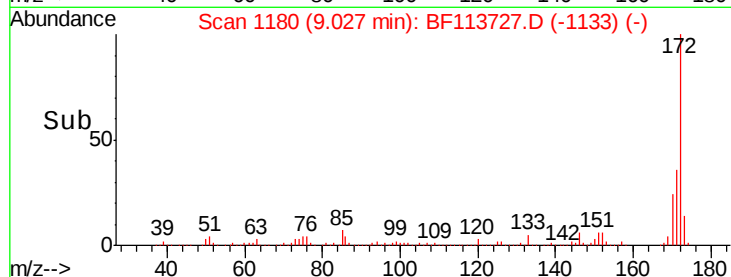
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-C

Tot Ion:172 Resp: 1527845

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.4	19.5	29.3



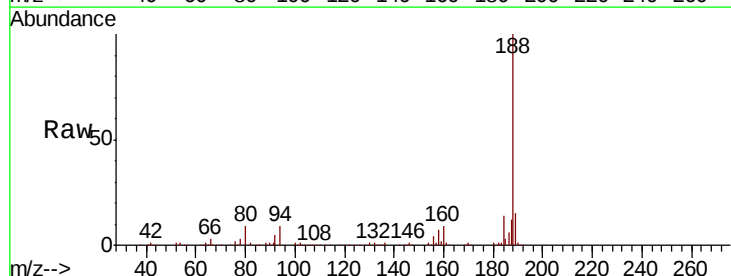
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



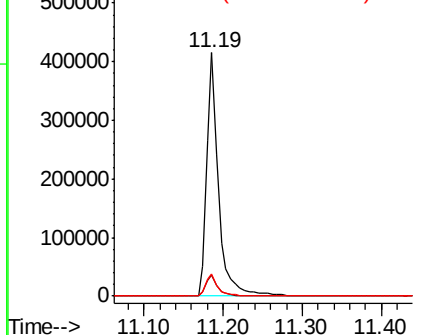
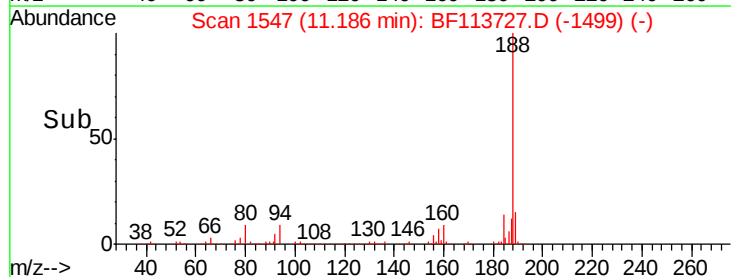
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

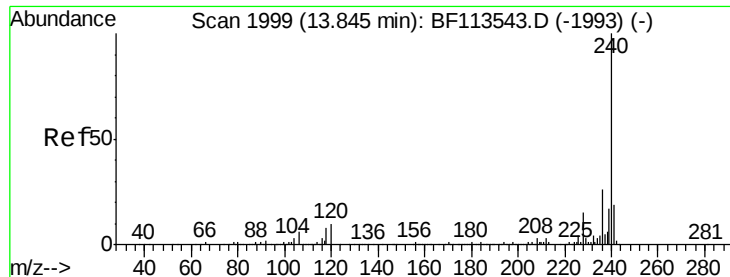
Tgt Ion:188 Resp: 435276

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	9.4	7.7	11.5



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

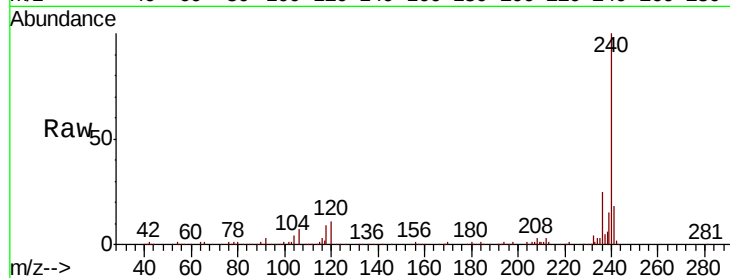




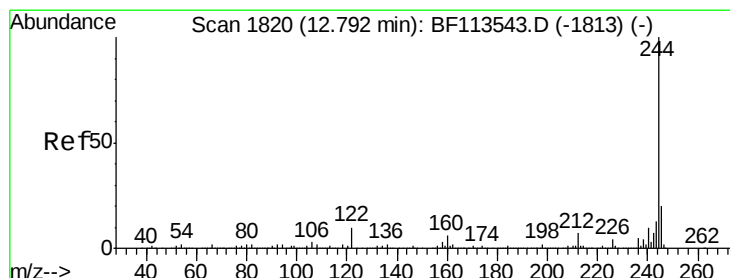
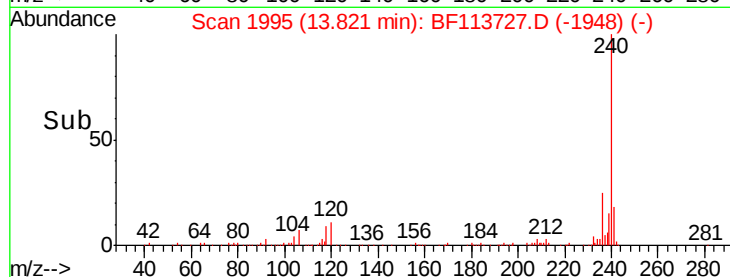
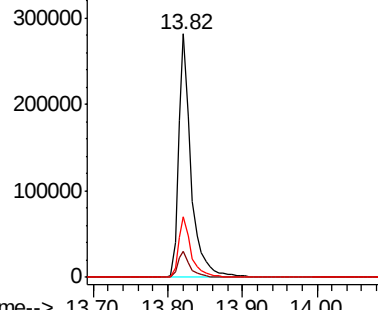
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Instrument :
BNA_F
ClientSampleId :
EO-01-040919-C

Tot Ion:240 Resp: 324960
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.0 20.9 31.3

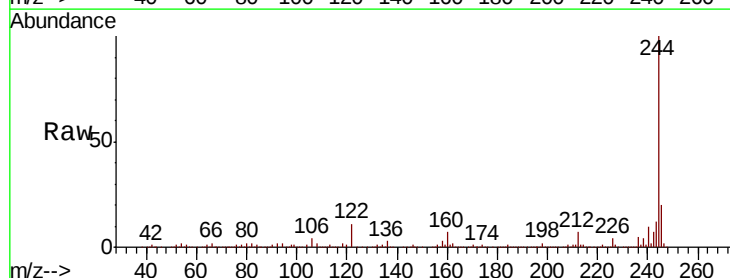


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

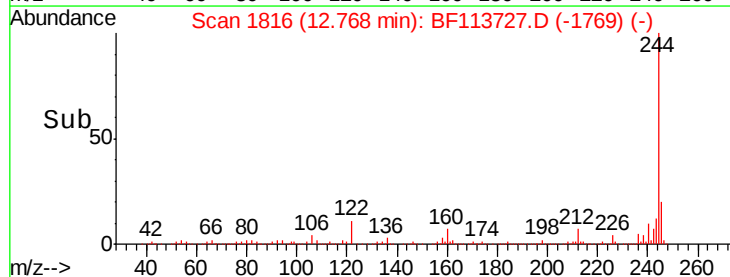
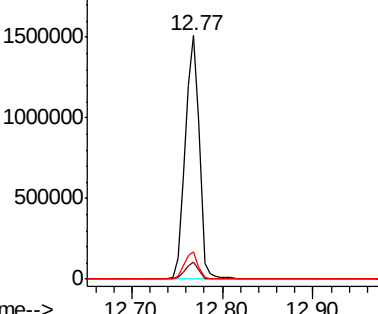


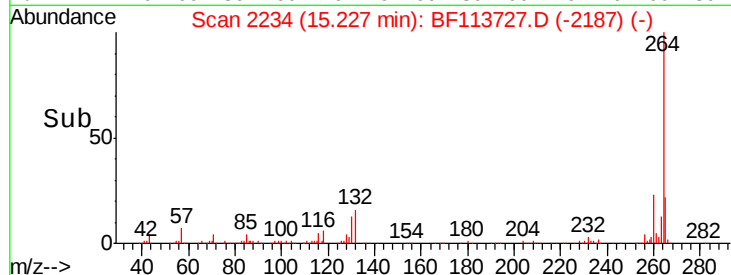
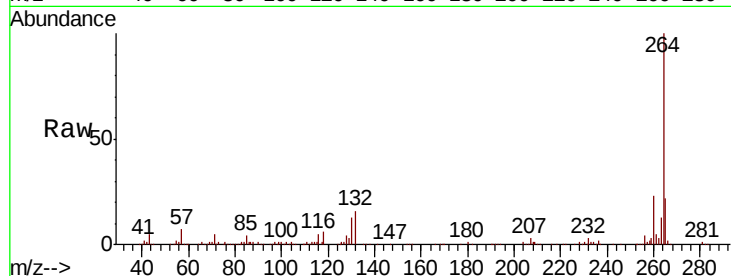
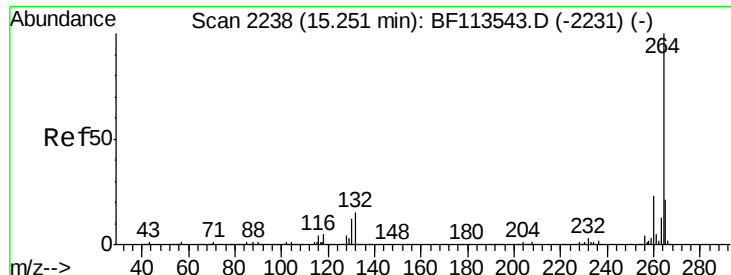
#79
Terphenyl-d14
Concen: 103.708 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113727.D
Acq: 11 Apr 2019 18:31

Tgt Ion:244 Resp: 1655233
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 11.1 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF113727.D
 Acq: 11 Apr 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-C

Tot Ion:	264	Resp:	311321
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.8	17.1	25.7

