

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113361.D
 Acq On : 28 Mar 2019 6:53
 Operator : JU/SJ
 Sample : K2097-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-19

Quant Time: Mar 28 09:09:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	167397	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	604069	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	268017	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	470854	20.00	ng	0.00
76) Chrysene-d12	13.84	240	405260	20.00	ng	0.00
87) Perylene-d12	15.24	264	303967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1133909	110.76	ng	0.02
7) Phenol-d6	6.35	99	1316584	101.66	ng	0.00
23) Nitrobenzene-d5	7.26	82	953433	93.68	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	338274	102.18	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1672133	101.13	ng	0.00
79) Terphenyl-d14	12.79	244	1554453	84.55	ng	0.00

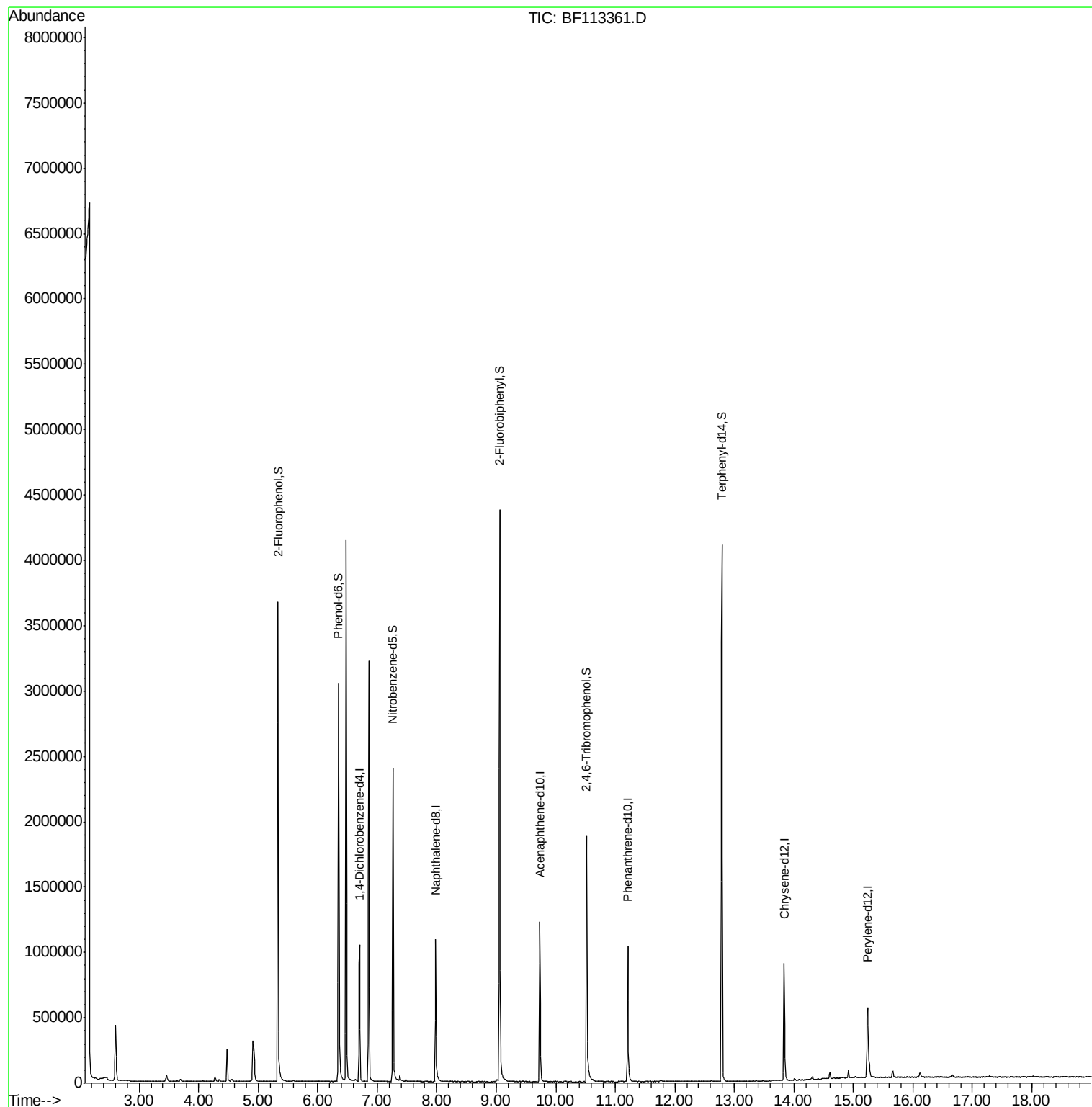
Target Compounds Qvalue

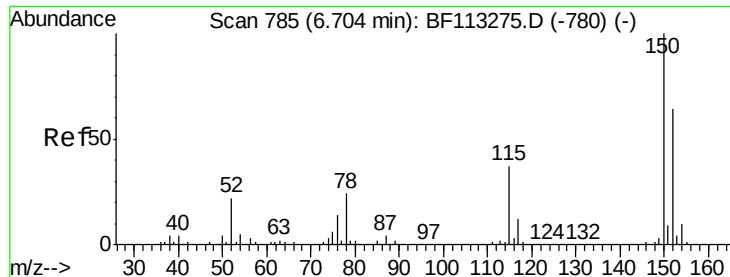
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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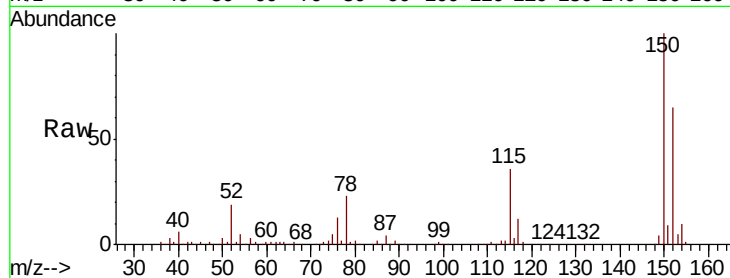


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113361.D
Acq: 28 Mar 2019 6:53

Instrument :
BNA_F
ClientSampleId :
CS-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	55.4	46.0	69.0

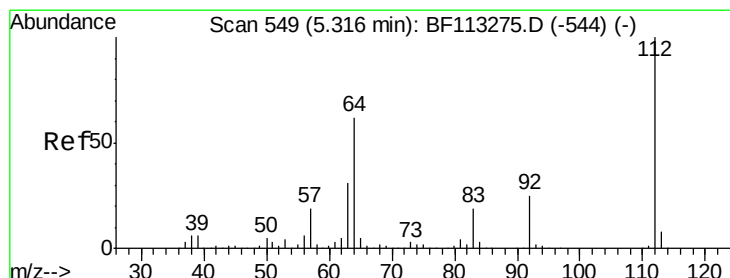
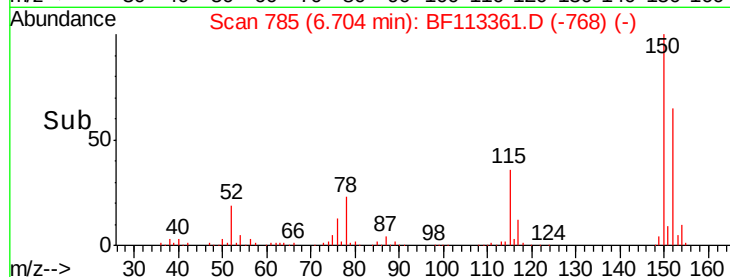
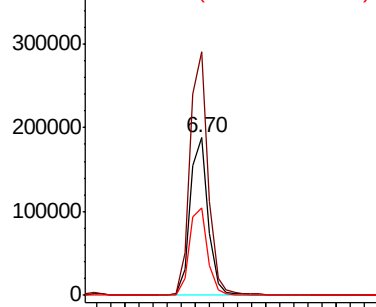


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

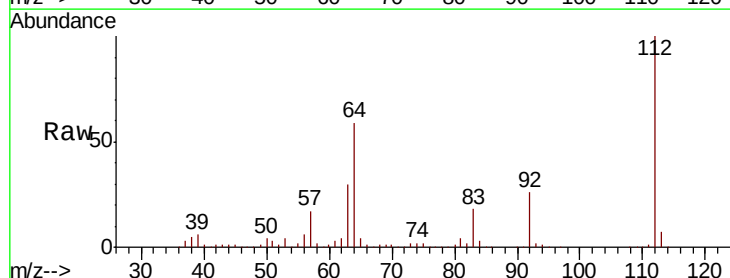
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.759 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113361.D
Acq: 28 Mar 2019 6:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	49.2	73.8
63	29.7	24.9	37.3

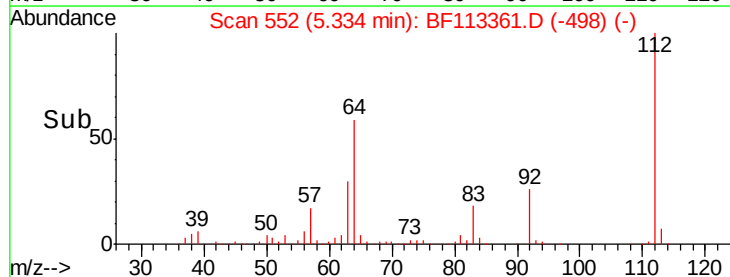
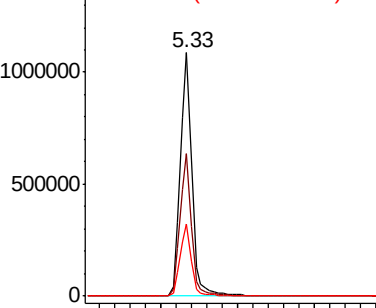


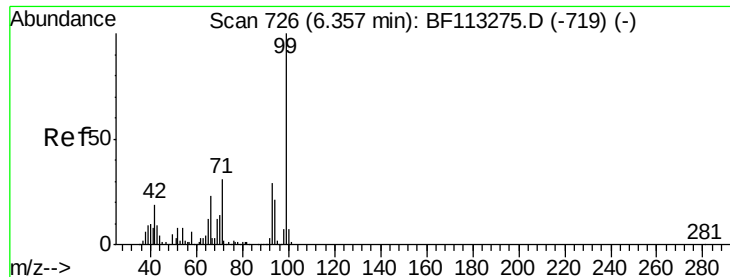
Abundance

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: 101.658 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113361.D

Acq: 28 Mar 2019 6:53

Instrument :

BNA_F

ClientSampled :

CS-19

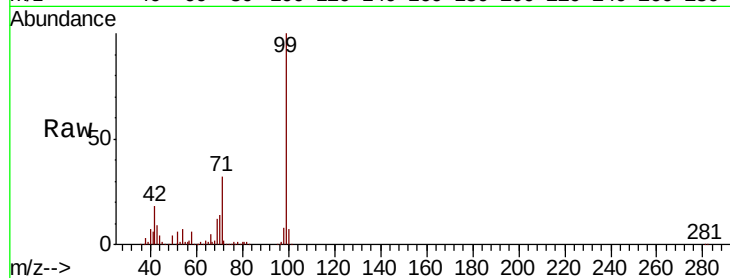
Tot Ion: 99 Resp: 1316584

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	31.8	24.9	37.3

99 100

42 18.2 14.8 22.2

71 31.8 24.9 37.3

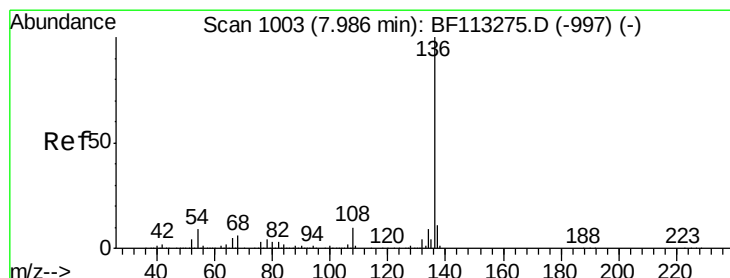
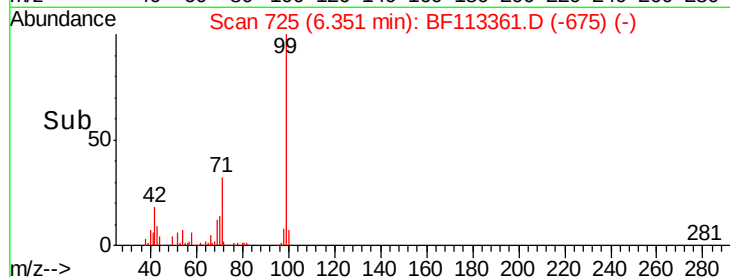
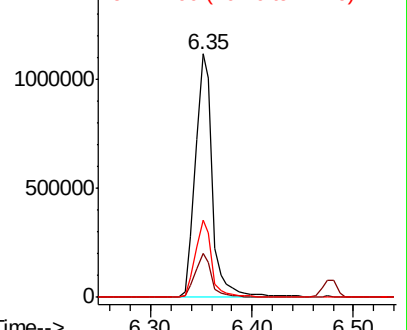


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113361.D

Acq: 28 Mar 2019 6:53

Tgt Ion: 136 Resp: 604069

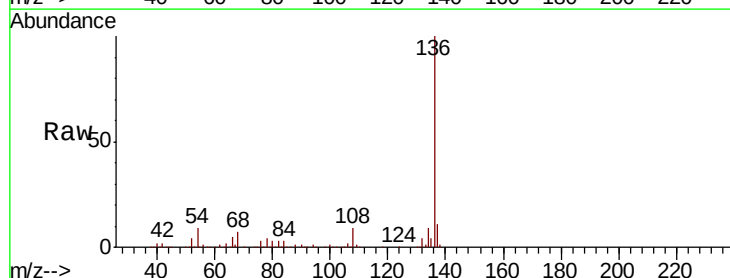
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.7	7.0	10.6
68	6.6	4.8	7.2

136 100

137 11.1 8.9 13.3

54 8.7 7.0 10.6

68 6.6 4.8 7.2



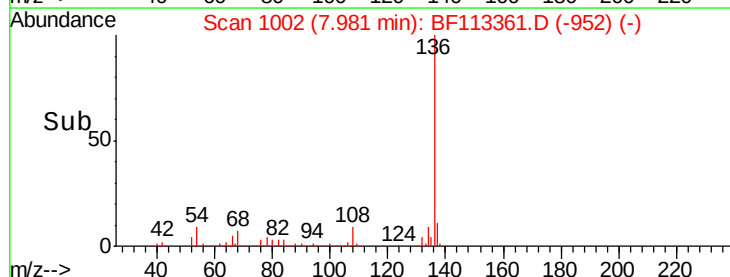
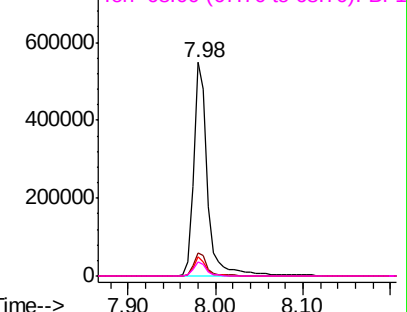
Abundance

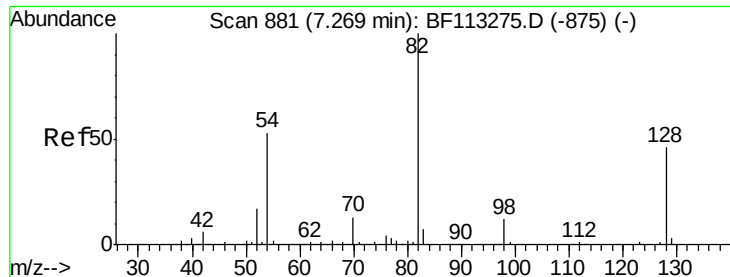
Ion 136.00 (135.70 to 136.70): E

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

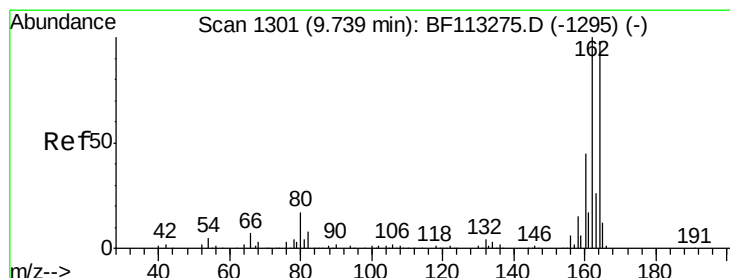
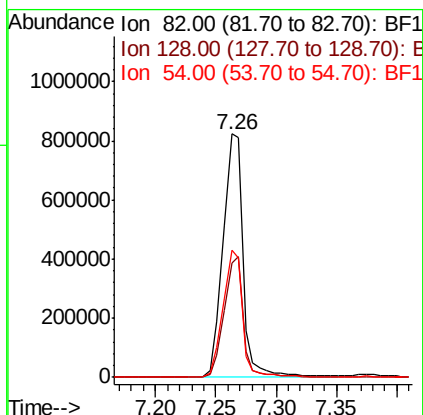
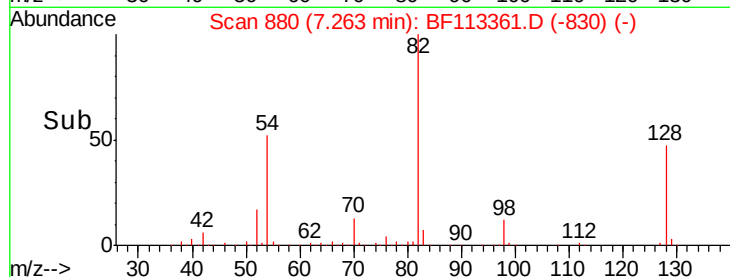
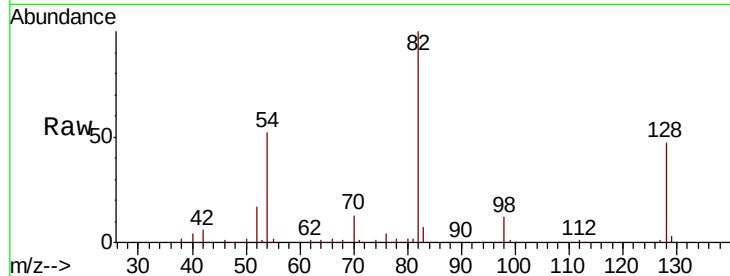




#23
 Nitrobenzene-d5
 Concen: 93.682 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

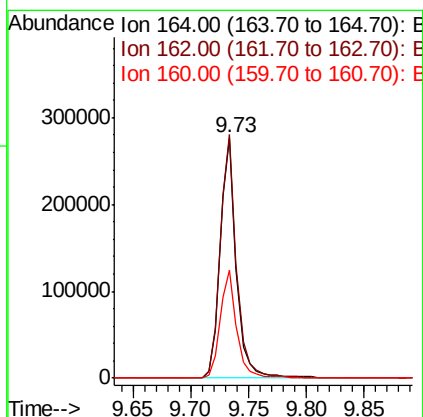
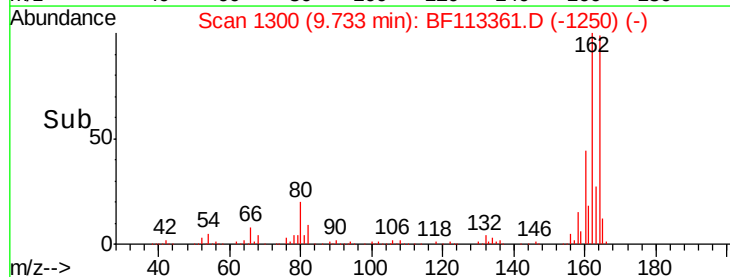
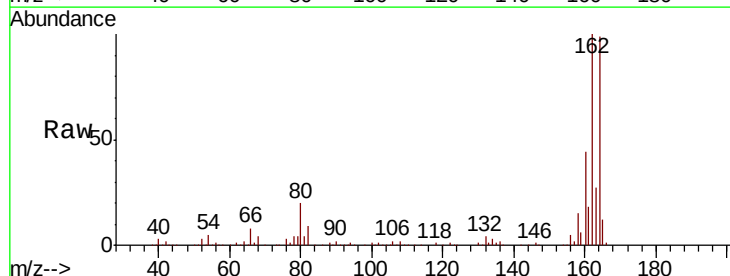
Instrument :
 BNA_F
 ClientSampleId :
 CS-19

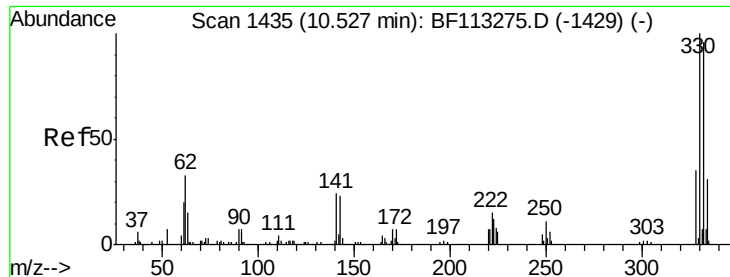
Tot Ion: 82 Resp: 953433
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.5 54.7
 54 52.1 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Tgt Ion: 164 Resp: 268017
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.8 122.6
 160 45.0 36.4 54.6

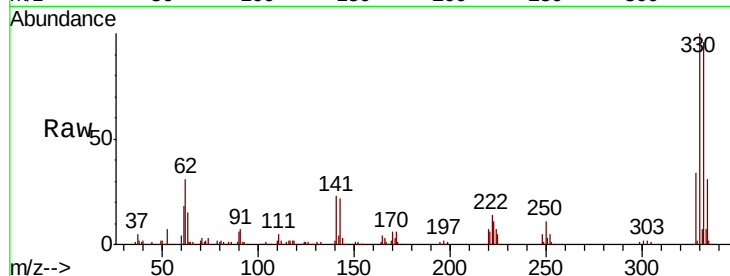




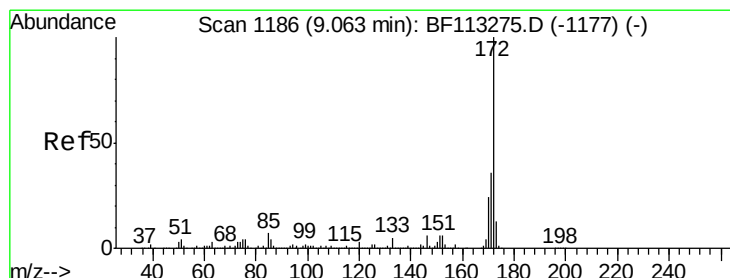
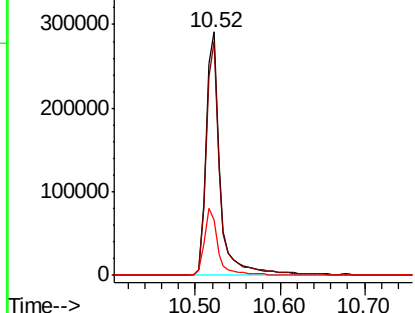
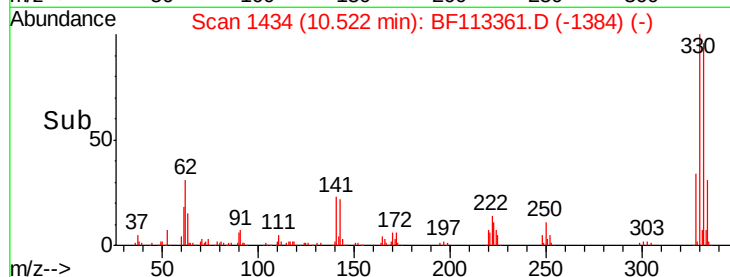
#42
 2,4,6-Tribromophenol
 Concen: 102.178 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-19

Tot Ion:330 Resp: 338274
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.8 116.6
 141 27.3 22.7 34.1

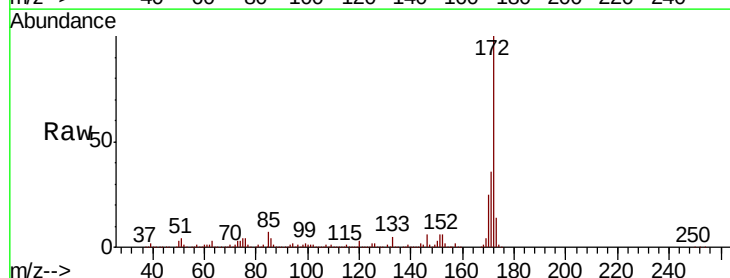


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

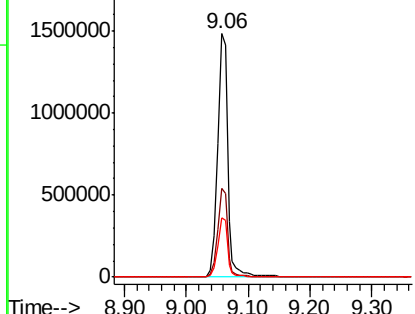
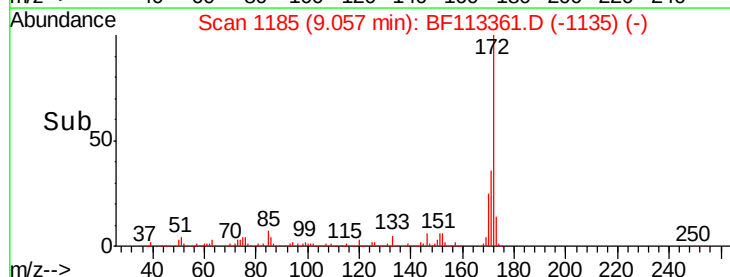


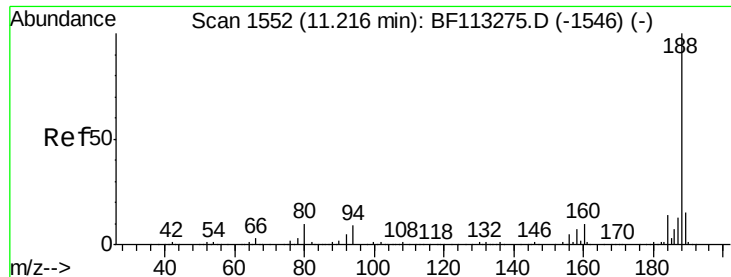
#45
 2-Fluorobiphenyl
 Concen: 101.134 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Tgt Ion:172 Resp: 1672133
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.6 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

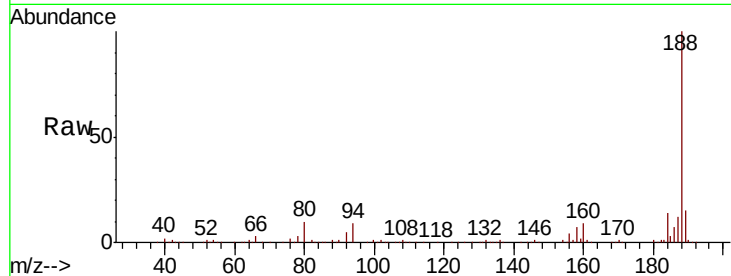




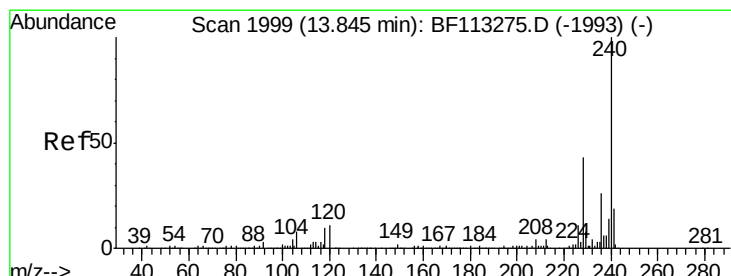
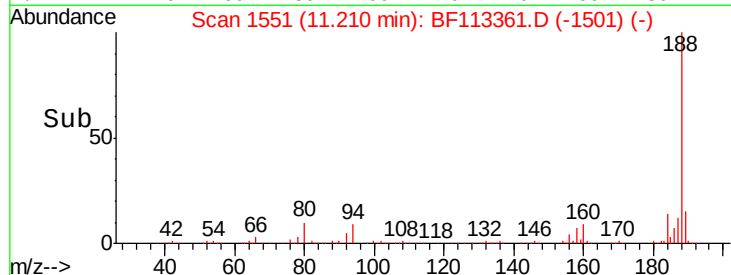
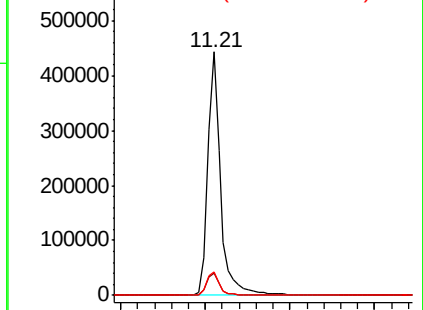
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113361.D
Acq: 28 Mar 2019 6:53

Instrument :
BNA_F
ClientSampleId :
CS-19

Tot Ion:188 Resp: 470854
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 7.7 11.5

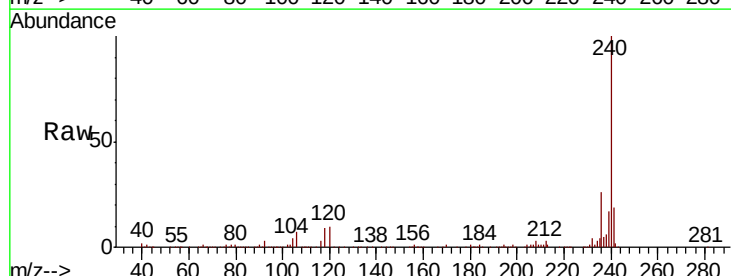


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

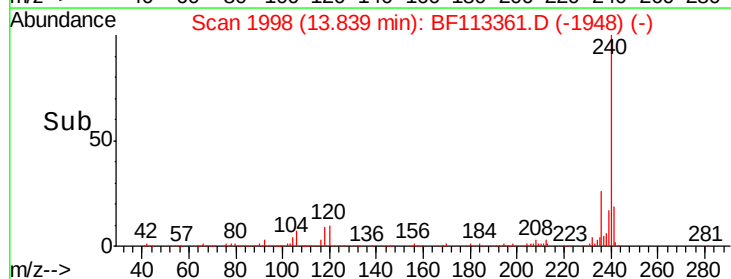
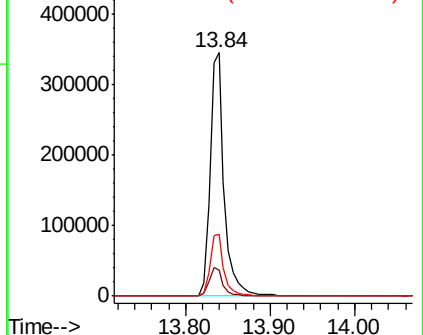


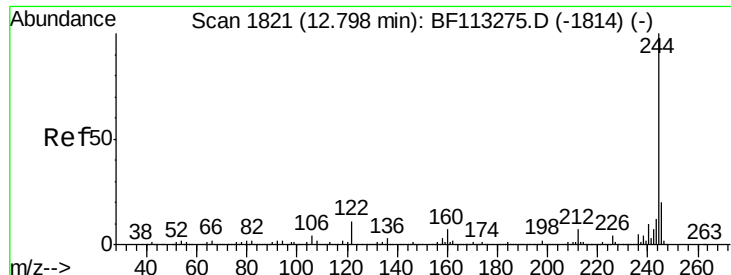
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113361.D
Acq: 28 Mar 2019 6:53

Tgt Ion:240 Resp: 405260
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.7 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: 84.545 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113361.D

Acq: 28 Mar 2019 6:53

Instrument :

BNA_F

ClientSampleId :

CS-19

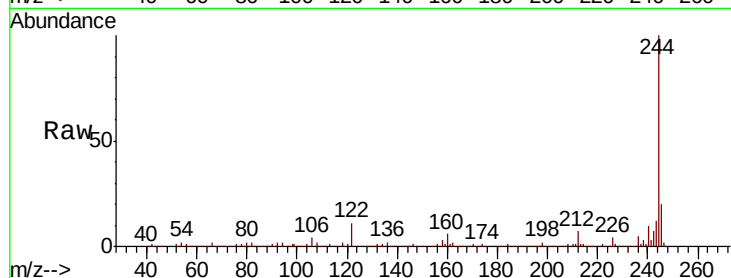
Tot Ion:244 Resp: 1554453

Ion Ratio Lower Upper

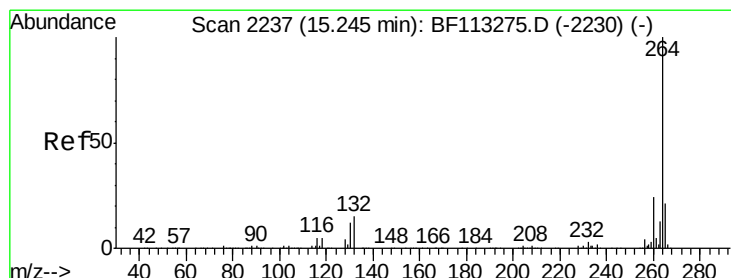
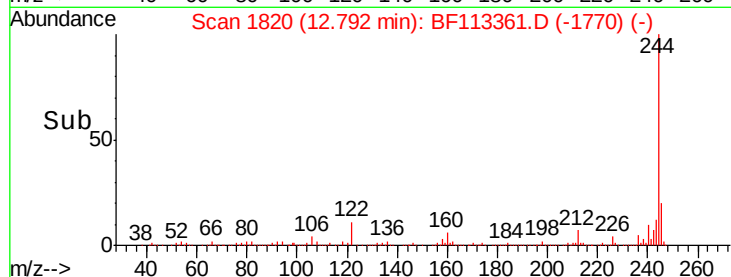
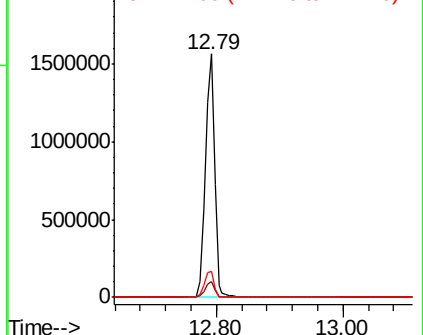
244 100

212 6.6 5.5 8.3

122 10.9 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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113361.D

Acq: 28 Mar 2019 6:53

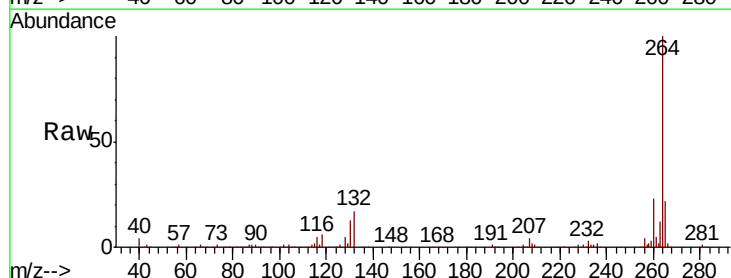
Tgt Ion:264 Resp: 303967

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.7 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

