

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113592.D
 Acq On : 4 Apr 2019 19:38
 Operator : JU/SJ
 Sample : K2221-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S10B(2-10)COMP

Quant Time: Apr 05 04:39:54 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	6.68	152	110144	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	414072	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	207185	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	446778	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	437097	20.00	ng	-0.03
87) Perylene-d12	15.22	264	396467	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	782040	121.07	ng	0.00
7) Phenol-d6	6.33	99	904416	113.61	ng	-0.01
23) Nitrobenzene-d5	7.25	82	692924	98.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	400442	160.90	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1318562	102.46	ng	-0.01
79) Terphenyl-d14	12.77	244	1741243	81.11	ng	-0.02

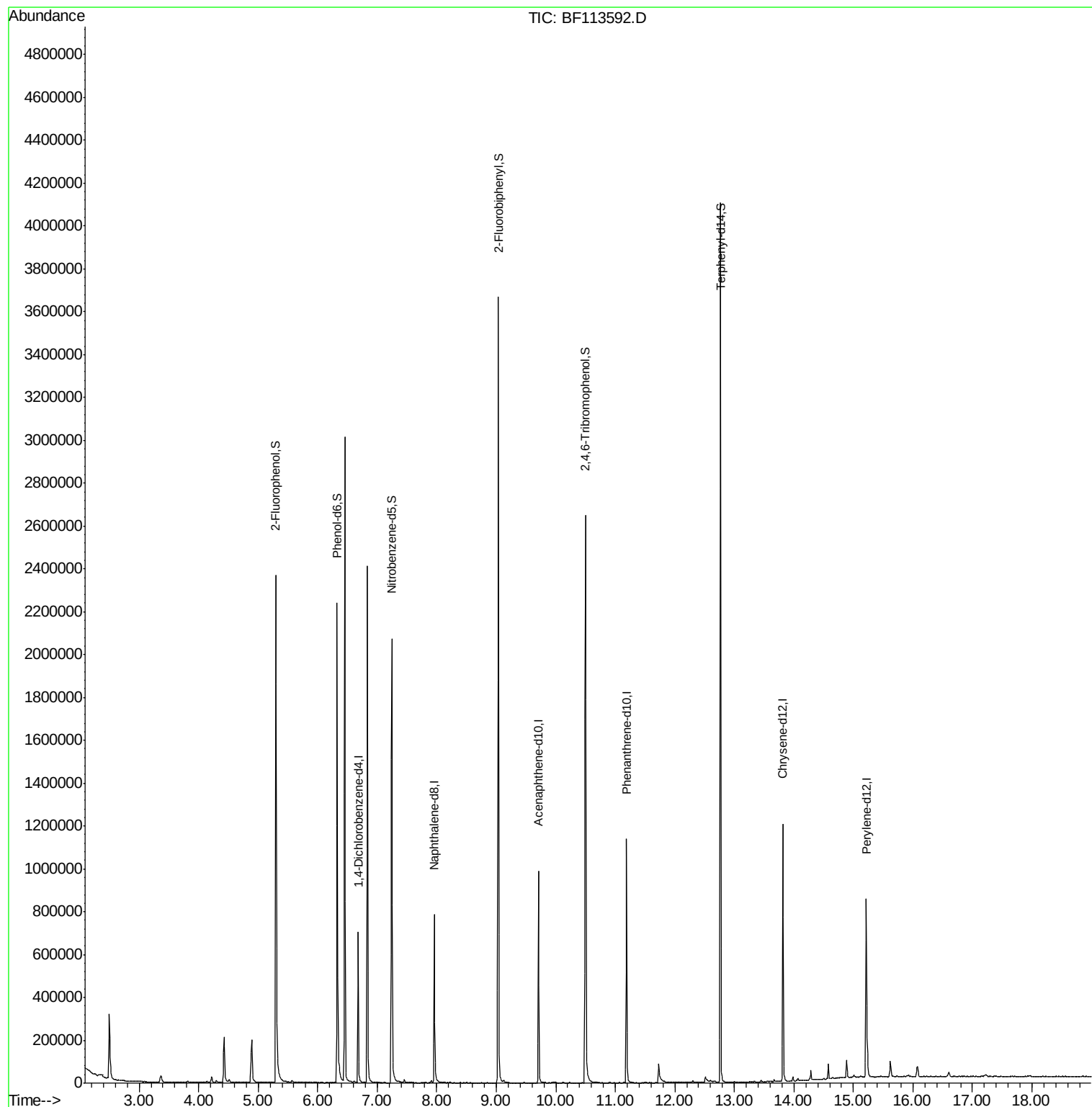
Target Compounds	Qvalue
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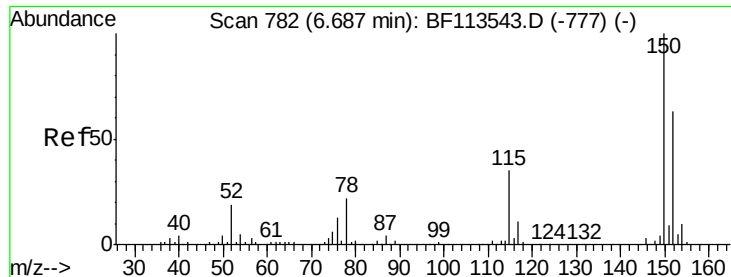
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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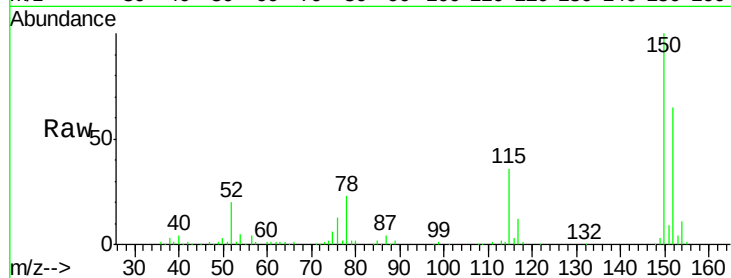


#1

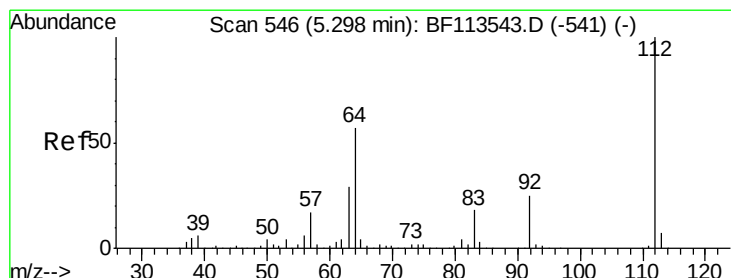
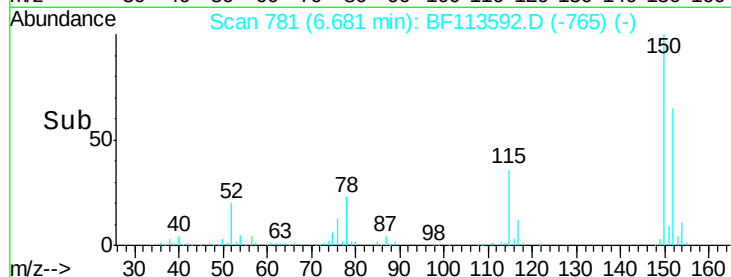
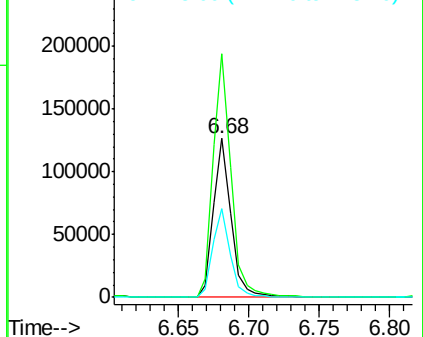
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Instrument :
 BNA_F
 ClientSampleId :
 S10B(2-10)COMP

Tgt Ion:152 Resp: 110144
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.7 187.1
 115 55.7 46.0 69.0



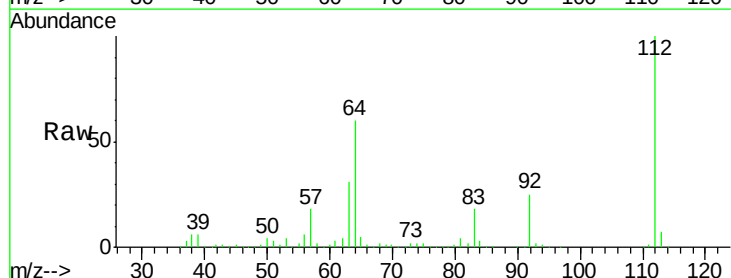
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



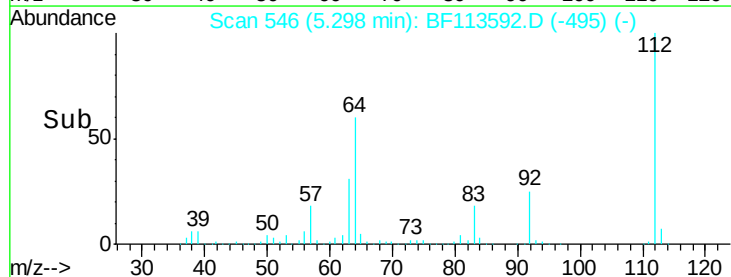
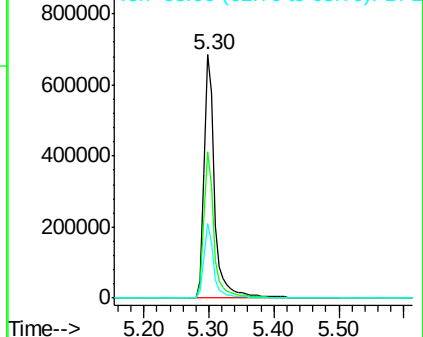
#5

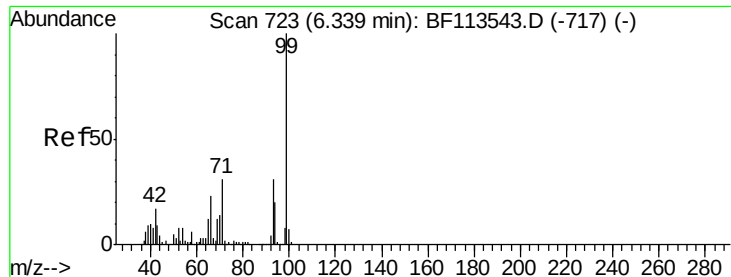
2-Fluorophenol
 Concen: 121.074 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Tgt Ion:112 Resp: 782040
 Ion Ratio Lower Upper
 112 100
 64 60.3 49.2 73.8
 63 30.7 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: 113.606 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

S10B(2-10)COMP

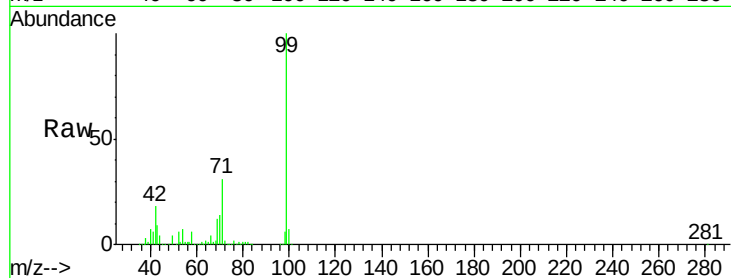
Tgt Ion: 99 Resp: 904416

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

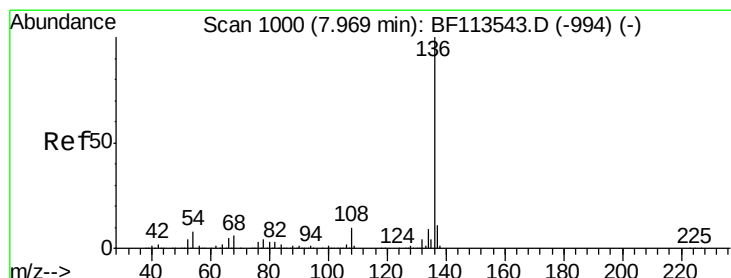
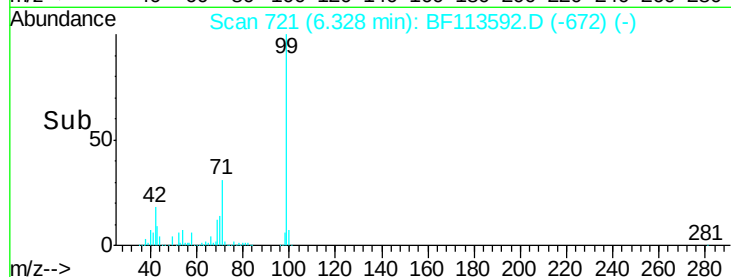
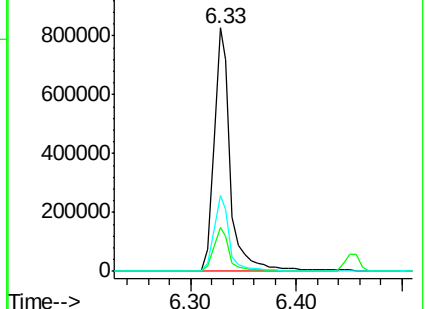
71 31.4 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

Tgt Ion: 136 Resp: 414072

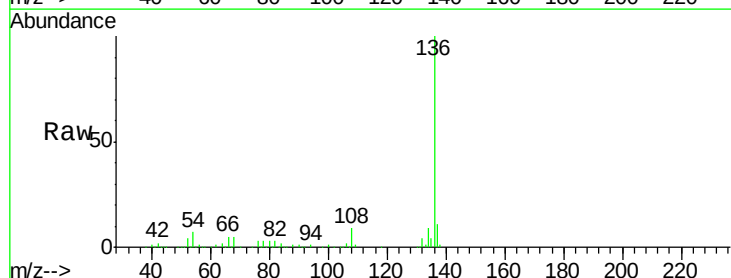
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.3 7.0 10.6

68 5.4 4.8 7.2

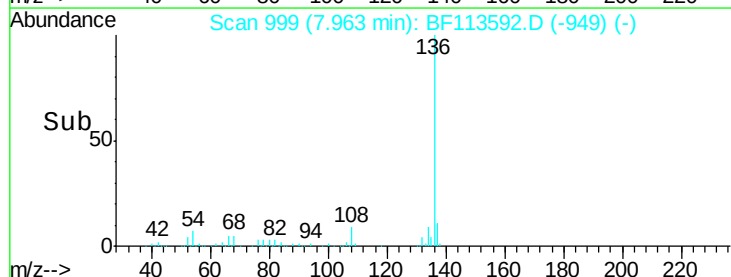
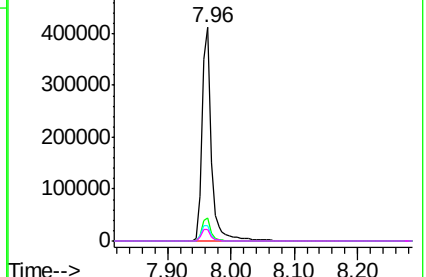


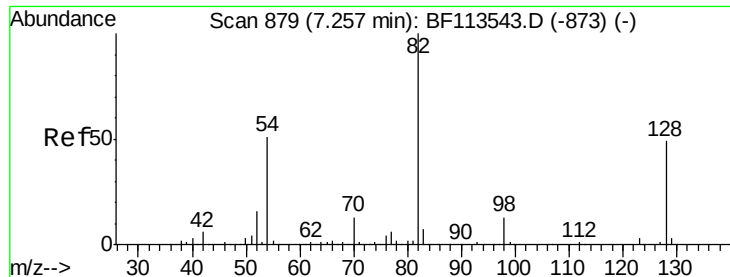
Abundance Ion 136.00 (135.70 to 136.70): E

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

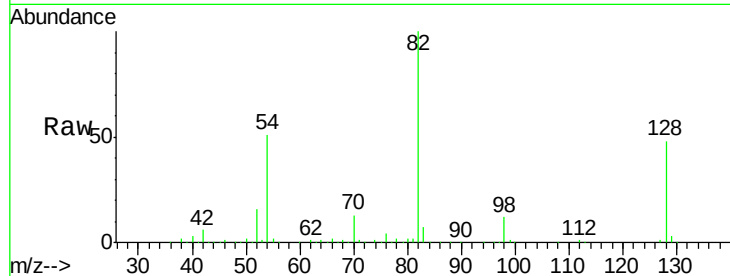




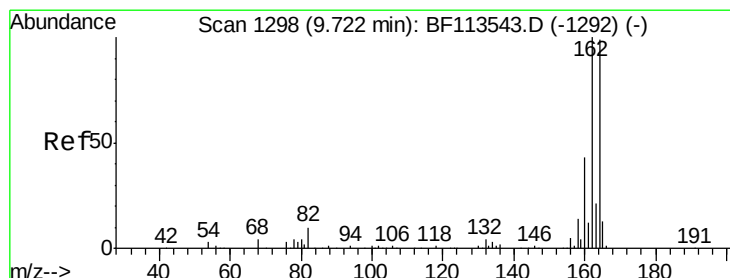
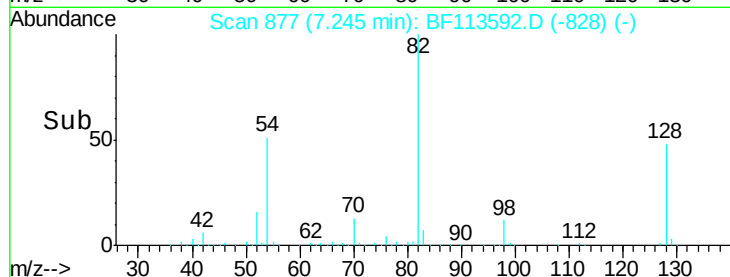
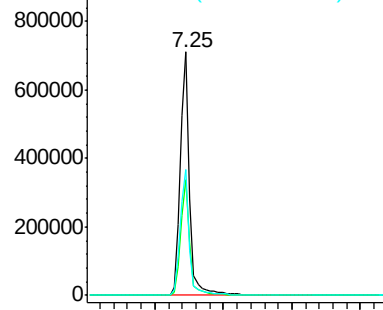
#23
 Nitrobenzene-d5
 Concen: 98.022 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Instrument :
 BNA_F
 ClientSampleId :
 S10B(2-10)COMP

Tgt Ion: 82 Resp: 692924
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.5 54.7
 54 51.4 42.2 63.2

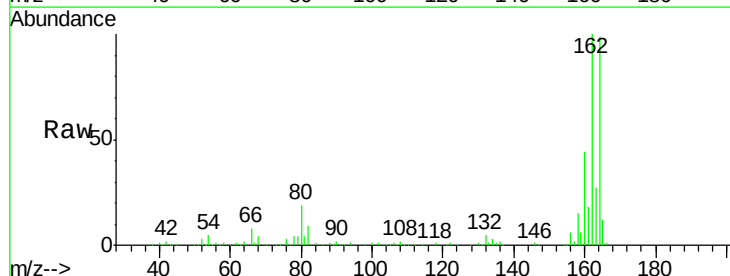


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

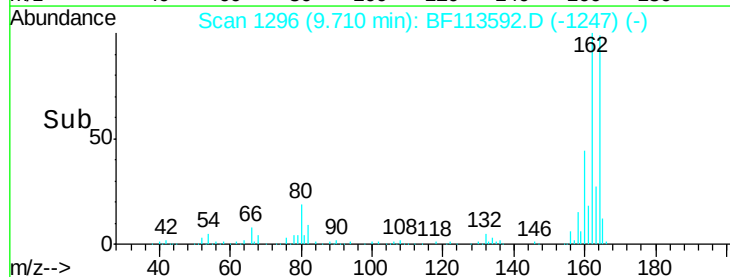
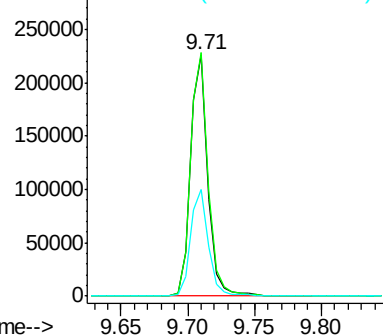


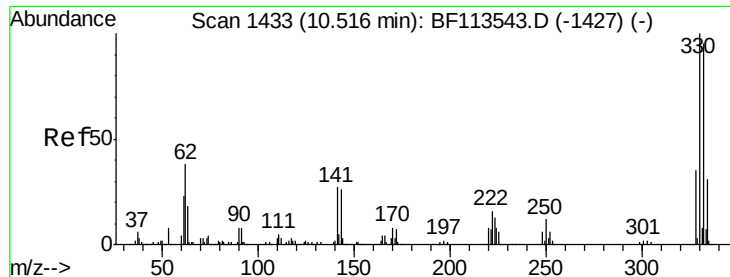
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Tgt Ion: 164 Resp: 207185
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.8 122.6
 160 44.2 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: 160.898 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

S10B(2-10)COMP

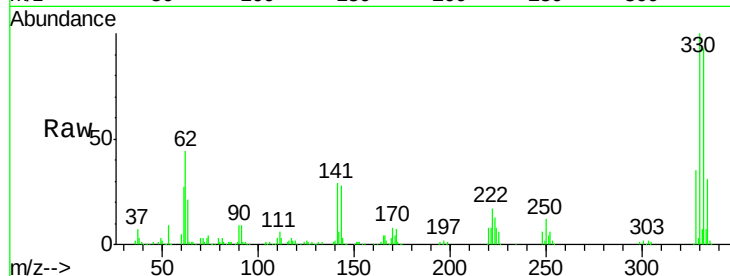
Tgt Ion:330 Resp: 400442

Ion Ratio Lower Upper

330 100

332 94.4 77.8 116.6

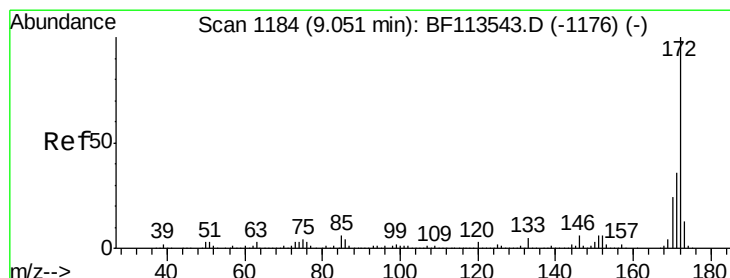
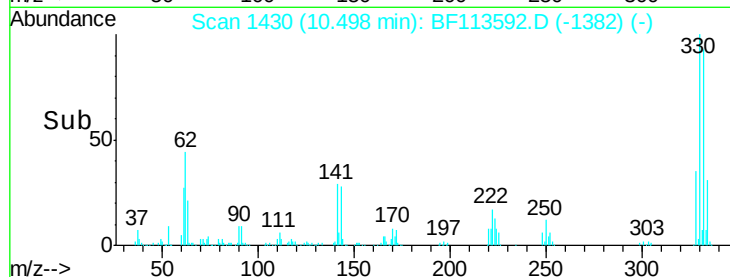
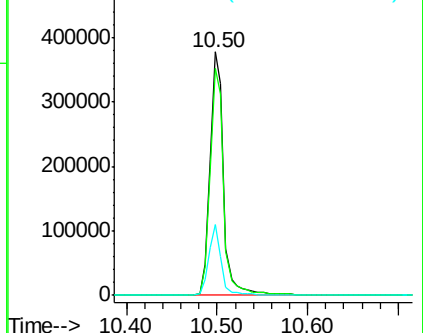
141 27.0 22.7 34.1



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: 102.456 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF113592.D

Acq: 4 Apr 2019 19:38

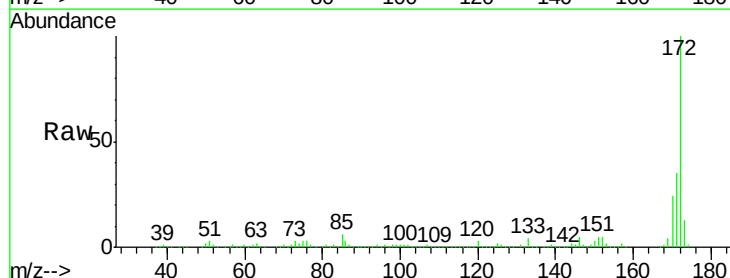
Tgt Ion:172 Resp: 1318562

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

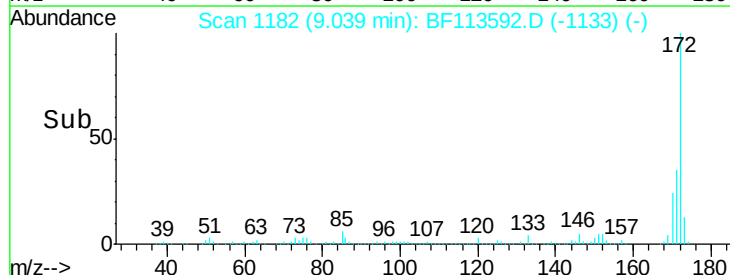
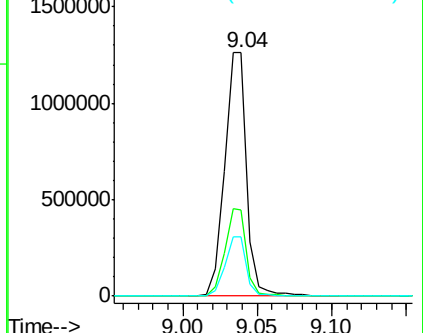
170 24.3 19.5 29.3

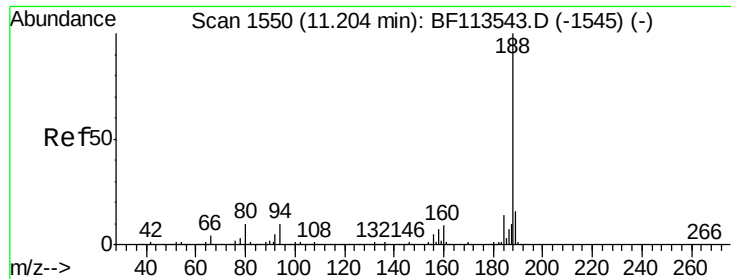


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

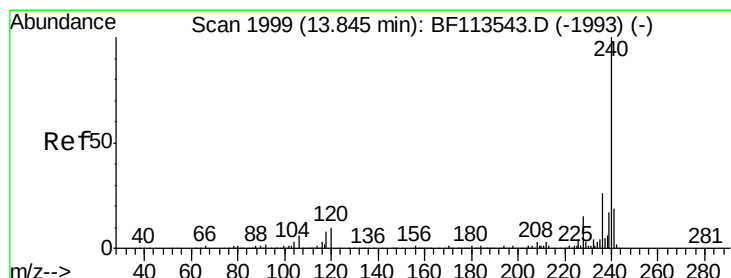
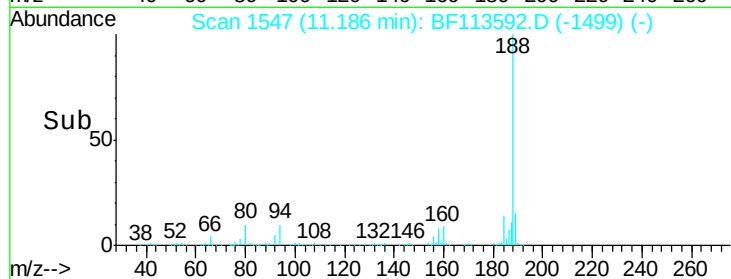
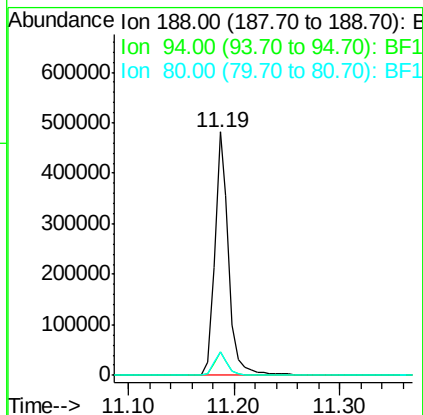
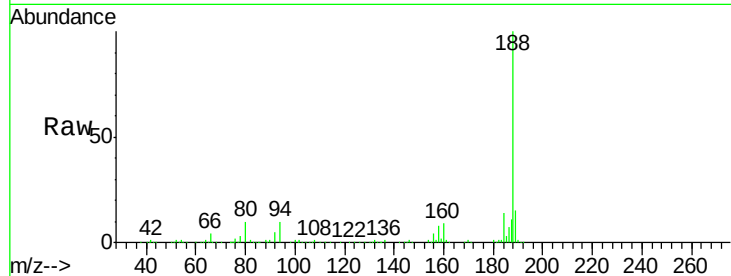




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

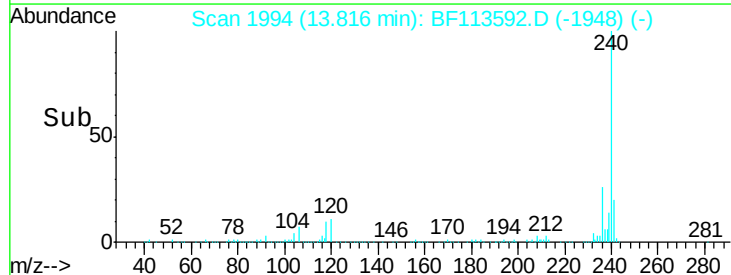
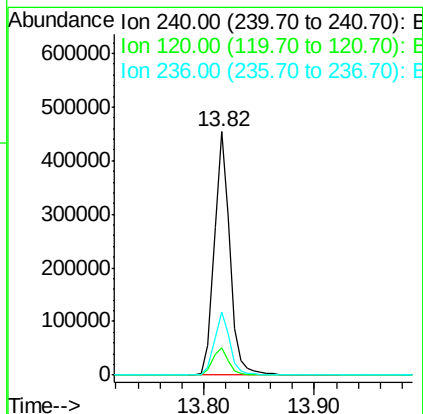
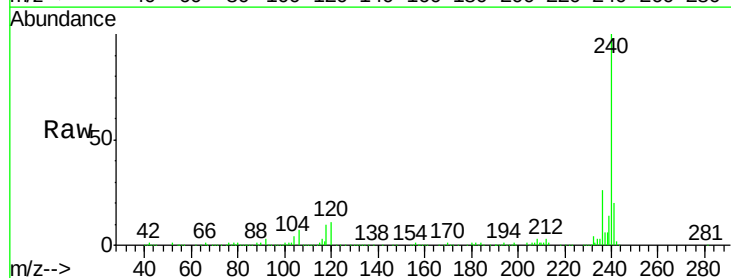
Instrument :
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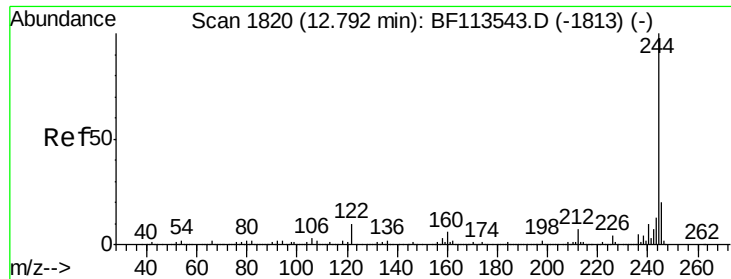
Tgt Ion:188 Resp: 446778
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF113592.D
Acq: 4 Apr 2019 19:38

Tgt Ion:240 Resp: 437097
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 26.0 20.9 31.3

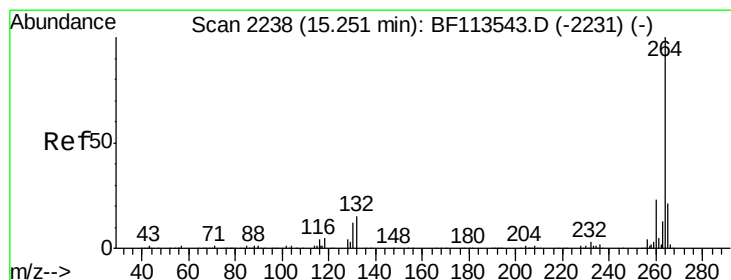
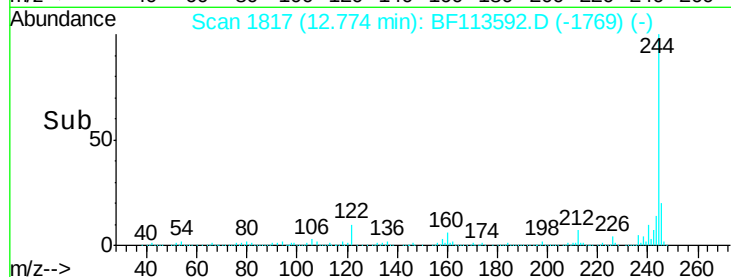
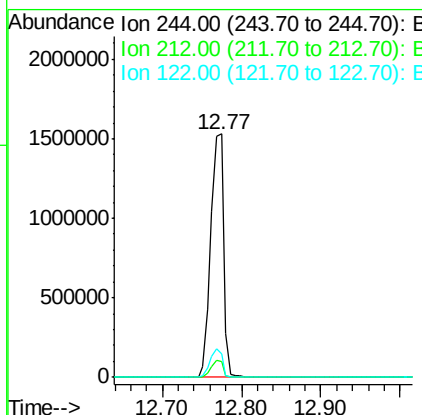
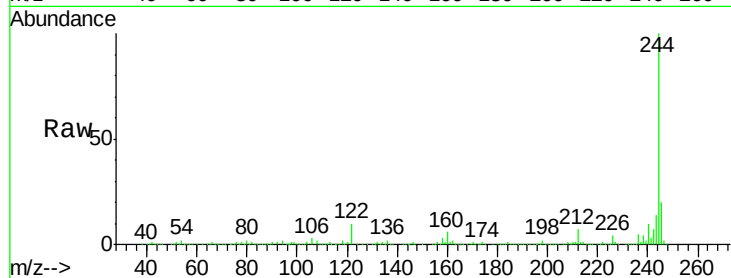




#79
 Terphenyl-d14
 Concen: 81.108 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Instrument :
 BNA_F
 ClientSampleId :
 S10B(2-10)COMP

Tgt Ion:244 Resp: 1741243
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 9.8 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.04 min
 Lab File: BF113592.D
 Acq: 4 Apr 2019 19:38

Tgt Ion:264 Resp: 396467
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.4 17.1 25.7

