

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093145.D
 Acq On : 24 Feb 2017 12:03
 Operator : SJ/MA
 Sample : I1947-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 022117-DSDC-E-D-M

Quant Time: Feb 24 12:38:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

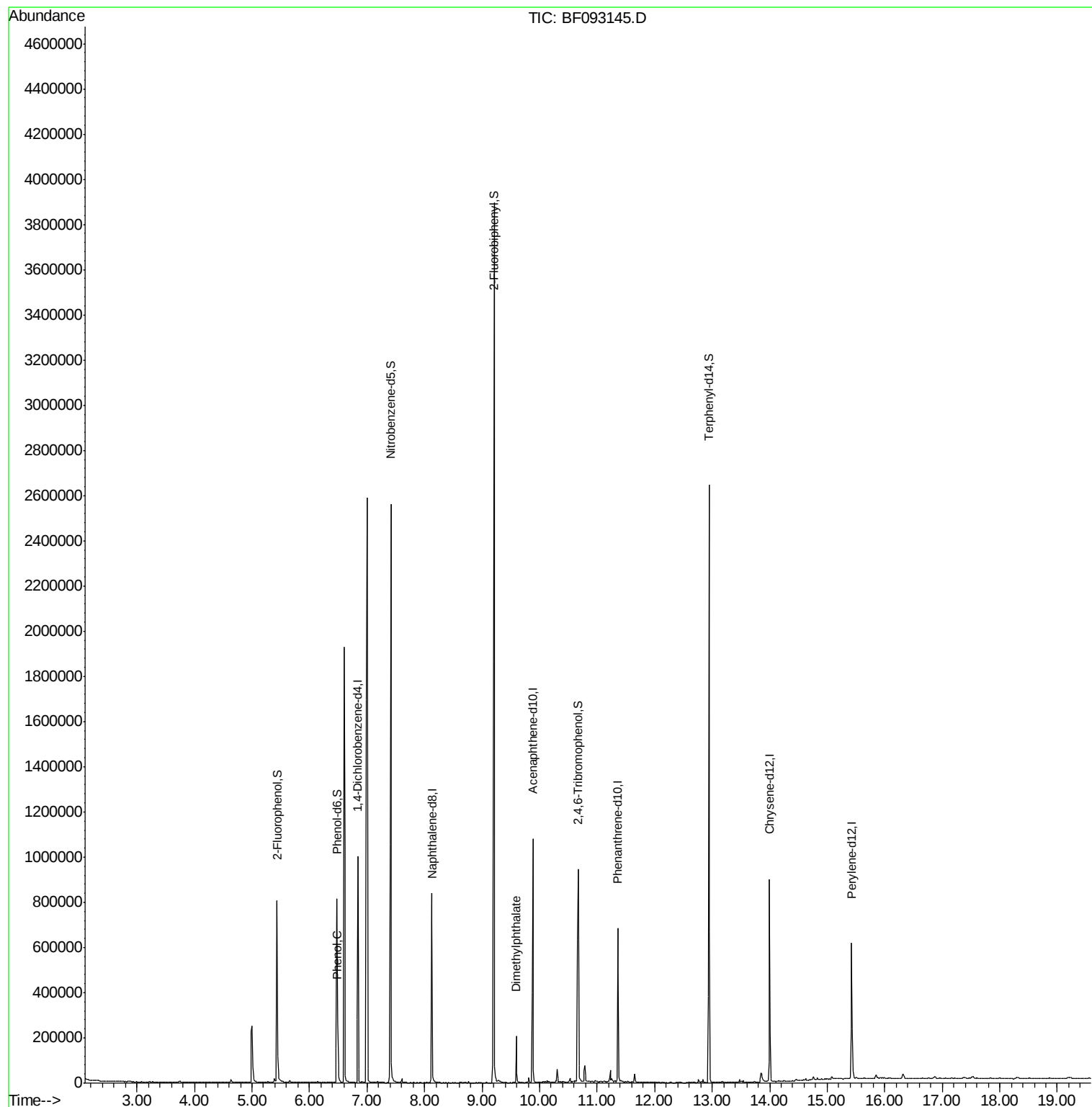
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	155225	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	551445	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	227932	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	337235	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	305422	20.00	ng	-0.02
86) Perylene-d12	15.43	264	264422	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	349386	38.62	ng	-0.01
7) Phenol-d6	6.48	99	278568	23.93	ng	-0.01
23) Nitrobenzene-d5	7.41	82	892396	90.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	134416	81.54	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1415111	112.48	ng	-0.01
78) Terphenyl-d14	12.94	244	836179	64.33	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	51738	3.80	ng	# 72
49) Dimethylphthalate	9.60	163	82070	5.35	ng	# 98

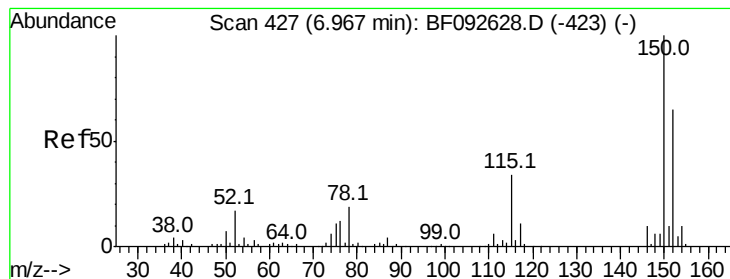
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093145.D

Acq: 24 Feb 2017 12:03

Instrument :

BNA_F

ClientSampleId :

022117-DSDC-E-D-M

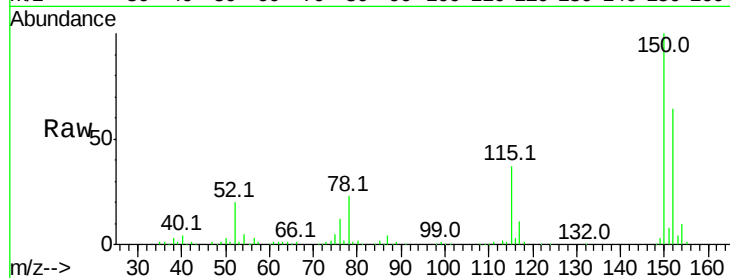
Tot Ion:152 Resp: 155225

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

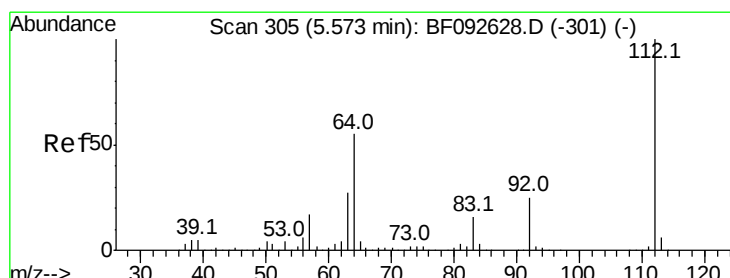
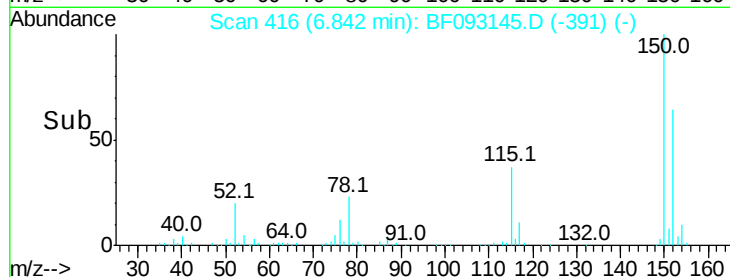
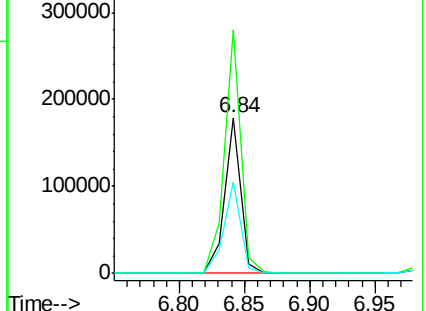
115 58.4 46.0 69.0



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: 38.62 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093145.D

Acq: 24 Feb 2017 12:03

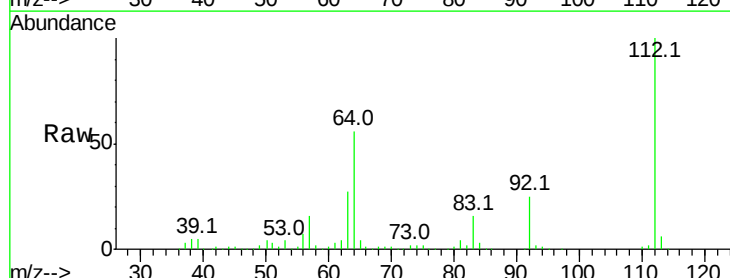
Tgt Ion:112 Resp: 349386

Ion Ratio Lower Upper

112 100

64 55.7 46.1 69.1

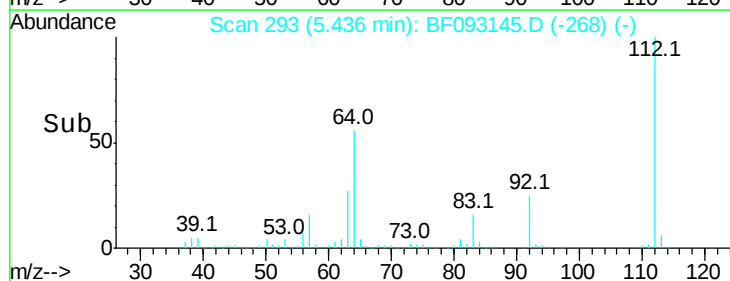
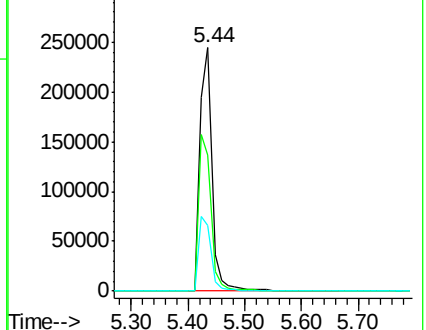
63 27.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.93 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093145.D

Acq: 24 Feb 2017 12:03

Instrument :

BNA_F

ClientSampleId :

022117-DSDC-E-D-M

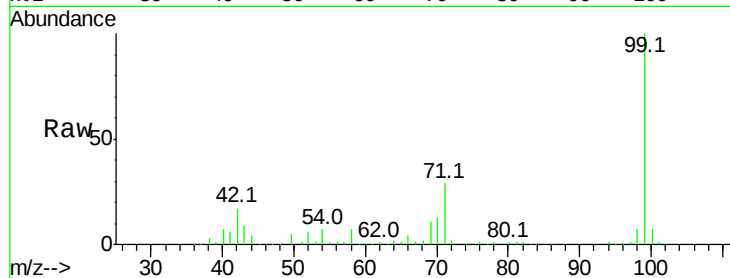
Tot Ion: 99 Resp: 278568

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

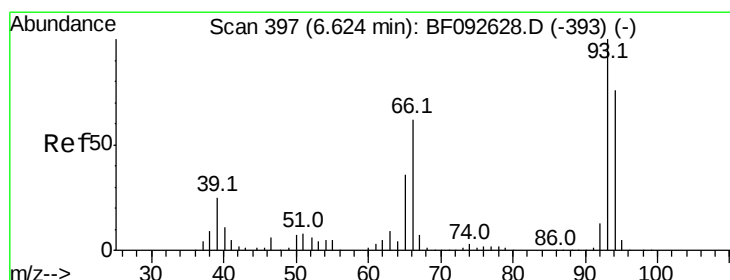
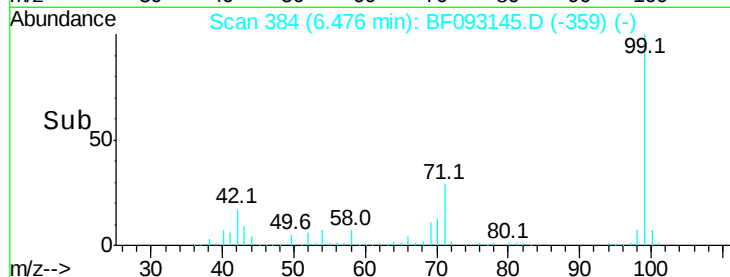
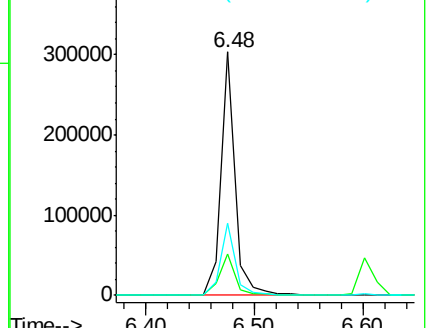
71 29.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.80 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093145.D

Acq: 24 Feb 2017 12:03

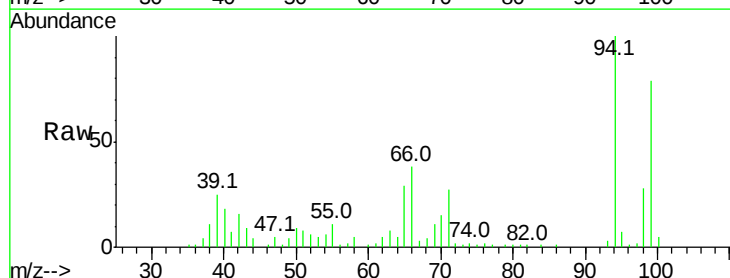
Tgt Ion: 94 Resp: 51738

Ion Ratio Lower Upper

94 100

65 29.3 21.4 61.4

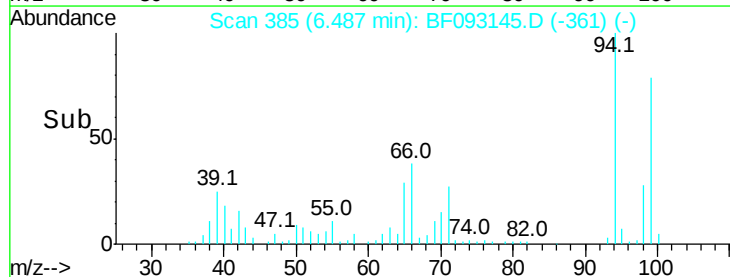
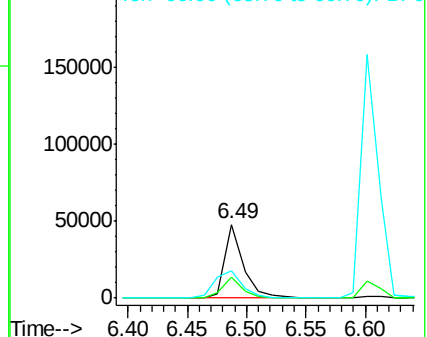
66 37.9 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

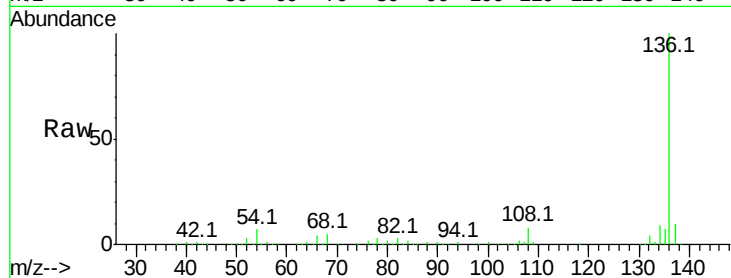




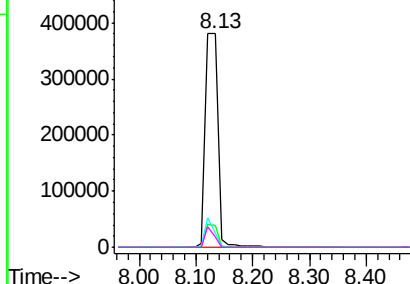
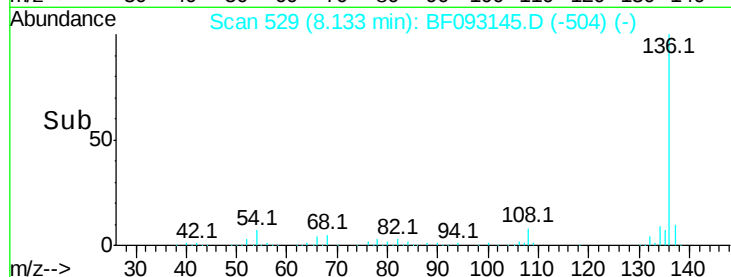
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093145.D
Acq: 24 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
022117-DSDC-E-D-M

Tot Ion:136	Resp:	551445
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.4 12.6
54	6.5	4.5 6.7
68	4.9	3.6 5.4

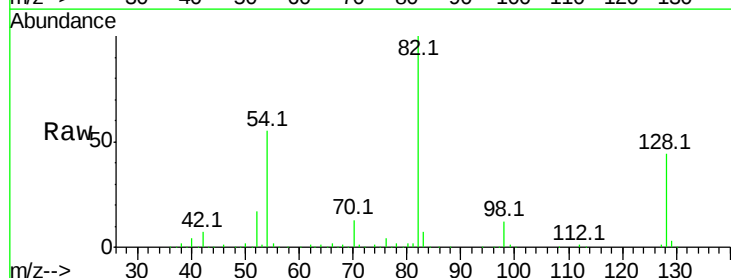


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

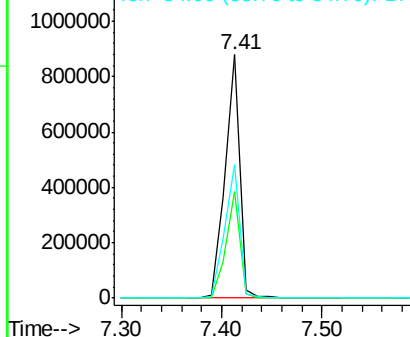
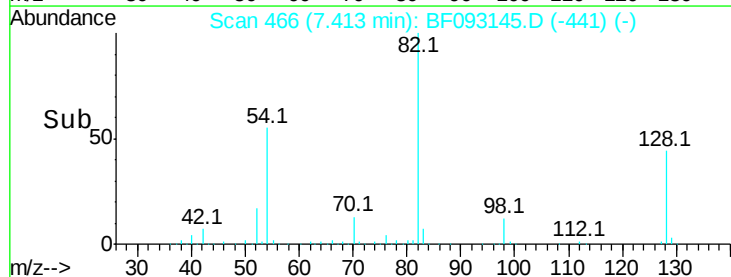


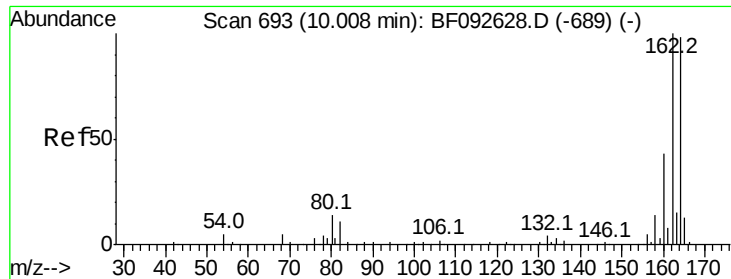
#23
Nitrobenzene-d5
Concen: 90.12 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093145.D
Acq: 24 Feb 2017 12:03

Tgt Ion: 82	Resp:	892396
Ion Ratio	Lower	Upper
82	100	
128	43.8	34.6 52.0
54	55.1	39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

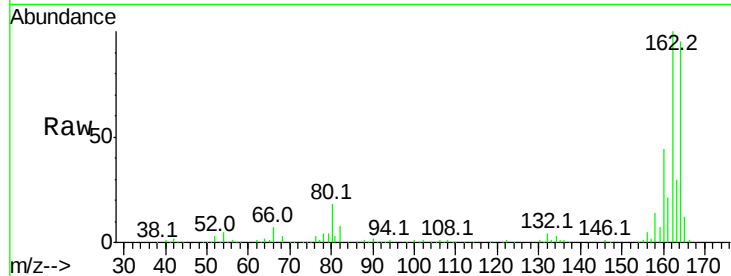




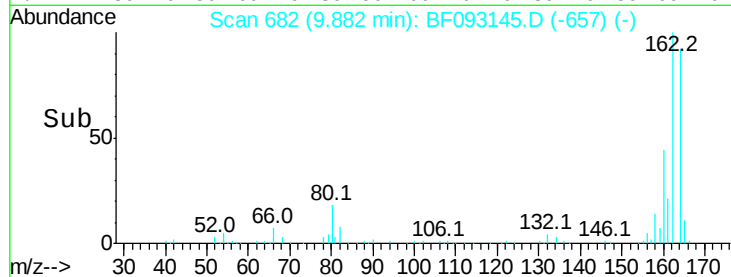
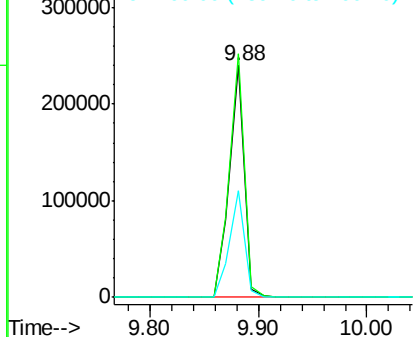
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093145.D
 Acq: 24 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 022117-DSDC-E-D-M

Tot Ion:164 Resp: 227932
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.2 120.2
 160 45.9 36.9 55.3

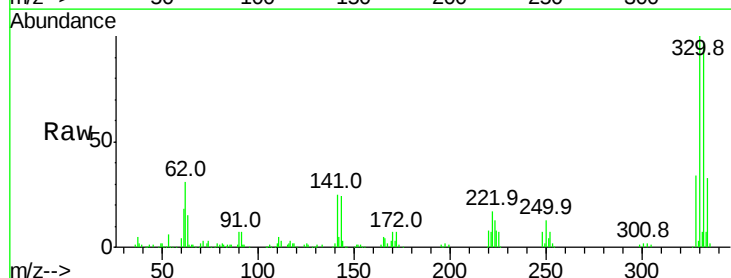


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

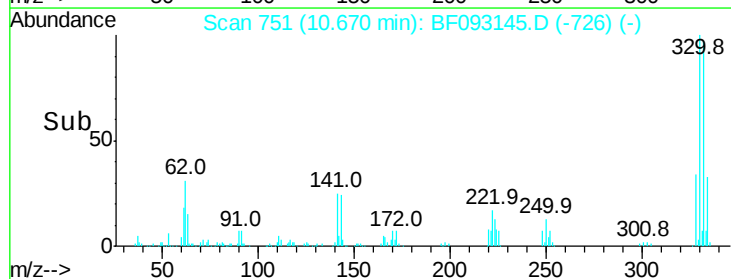
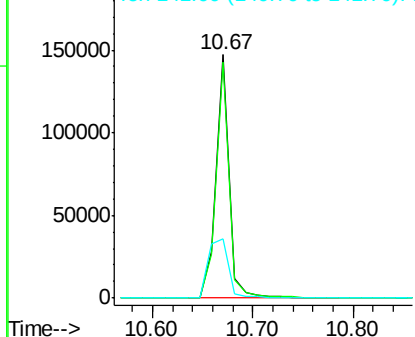


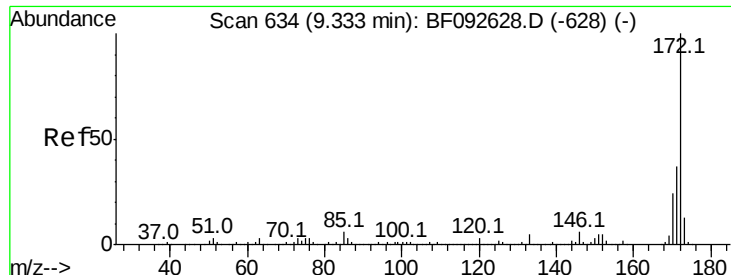
#41
 2,4,6-Tribromophenol
 Concen: 81.54 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093145.D
 Acq: 24 Feb 2017 12:03

Tgt Ion:330 Resp: 134416
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 37.9 34.1 51.1



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

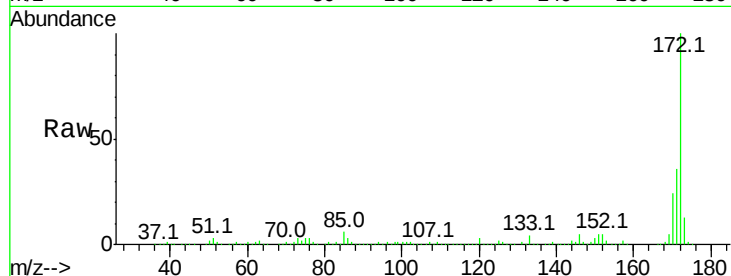




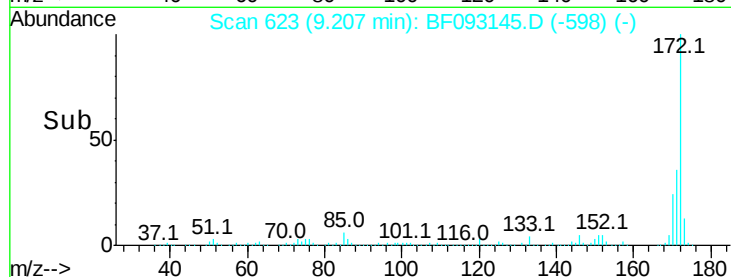
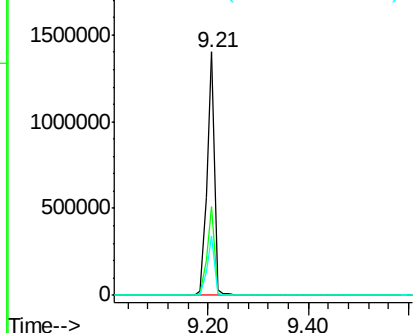
#44
 2-Fluorobiphenyl
 Concen: 112.48 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093145.D
 Acq: 24 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 022117-DSDC-E-D-M

Tot Ion:172 Resp: 1415111
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.3 20.2 30.4

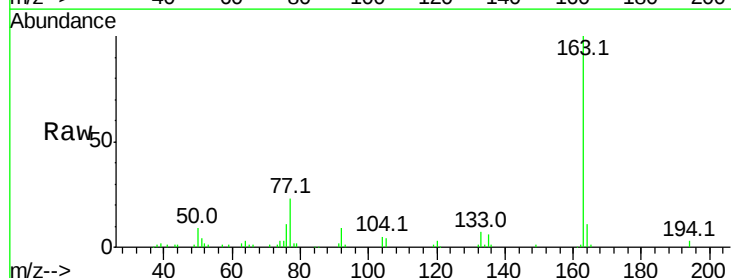


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

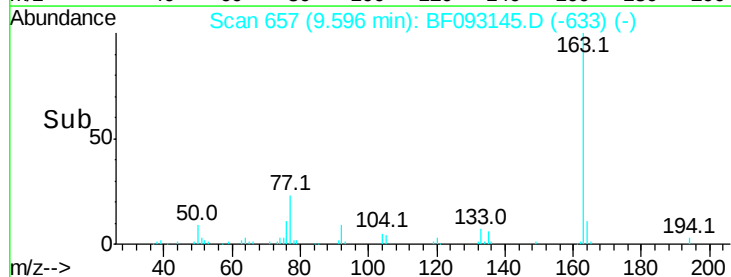
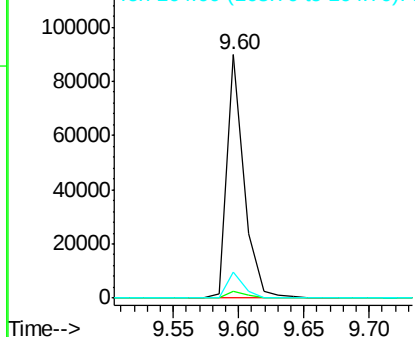


#49
 Dimethylphthalate
 Concen: 5.35 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093145.D
 Acq: 24 Feb 2017 12:03

Tgt Ion:163 Resp: 82070
 Ion Ratio Lower Upper
 163 100
 194 2.9 3.0 4.4#
 164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

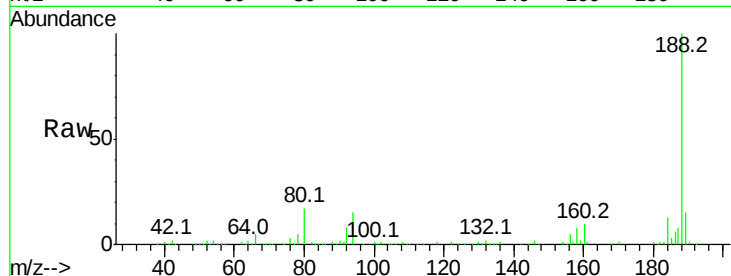




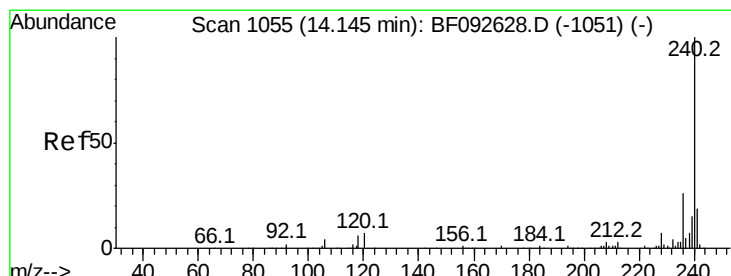
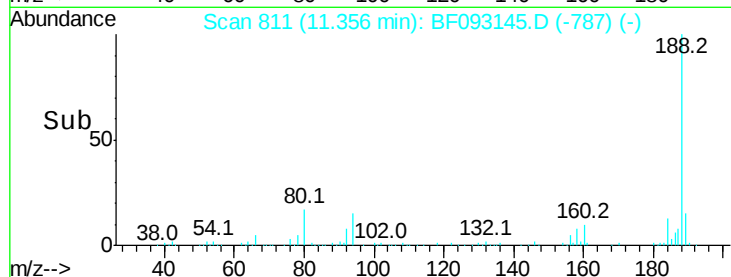
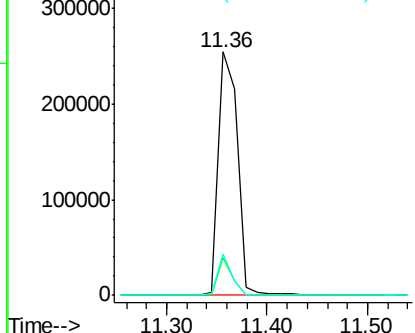
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093145.D
Acq: 24 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
022117-DSDC-E-D-M

Tot Ion:188 Resp: 337235
Ion Ratio Lower Upper
188 100
94 15.4 10.0 15.0#
80 17.1 11.2 16.8#

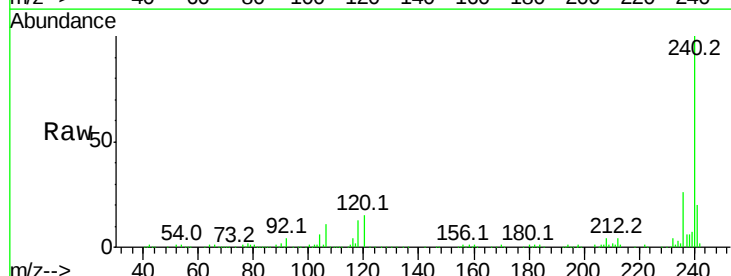


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

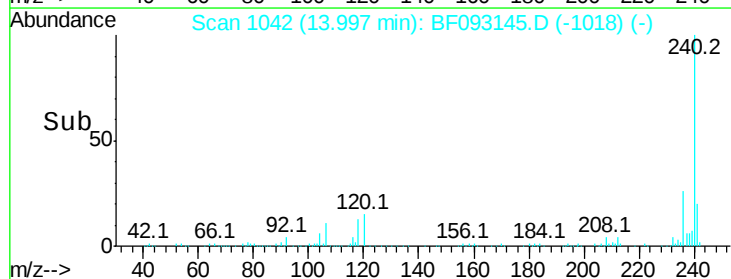
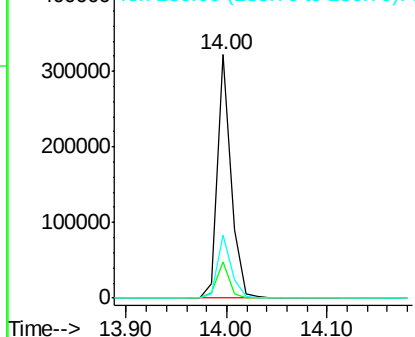


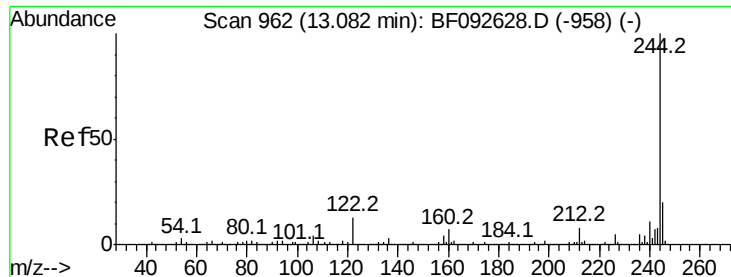
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093145.D
Acq: 24 Feb 2017 12:03

Tgt Ion:240 Resp: 305422
Ion Ratio Lower Upper
240 100
120 14.9 12.9 19.3
236 26.0 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





#78

Terphenyl-d14

Concen: 64.33 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093145.D

Acq: 24 Feb 2017 12:03

Instrument :

BNA_F

ClientSampleId :

022117-DSDC-E-D-M

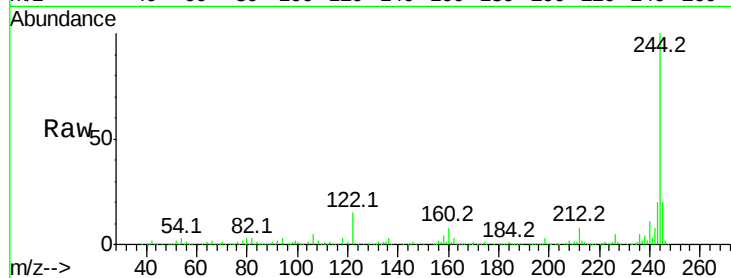
Tot Ion:244 Resp: 836179

Ion Ratio Lower Upper

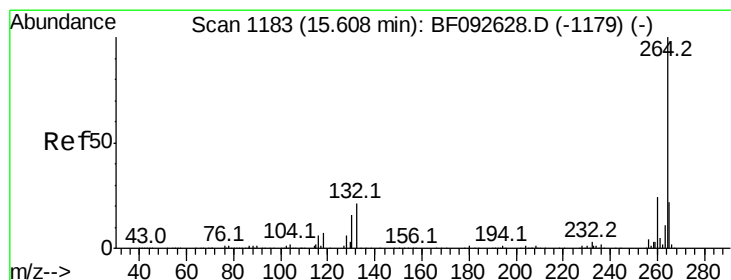
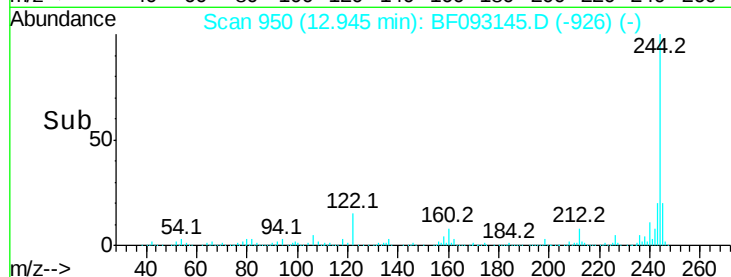
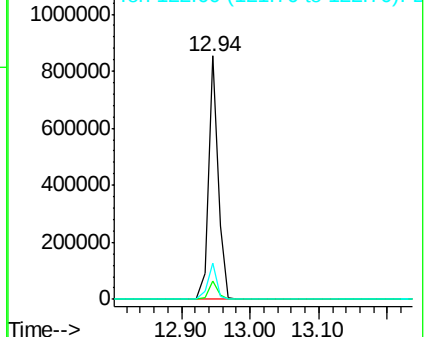
244 100

212 7.6 6.2 9.2

122 15.0 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093145.D

Acq: 24 Feb 2017 12:03

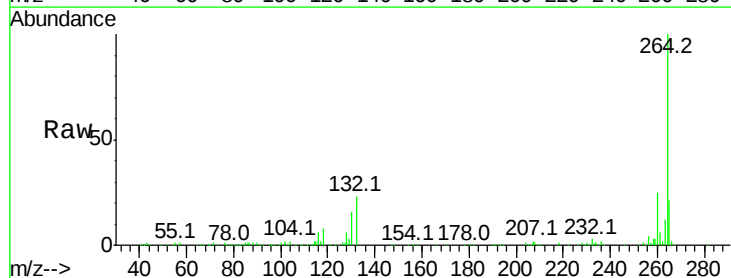
Tgt Ion:264 Resp: 264422

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.4 17.4 26.0



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

