

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089471.D
 Acq On : 31 Jul 2016 15:20
 Operator : UM/SJ
 Sample : H4257-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-1

Quant Time: Aug 01 05:36:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

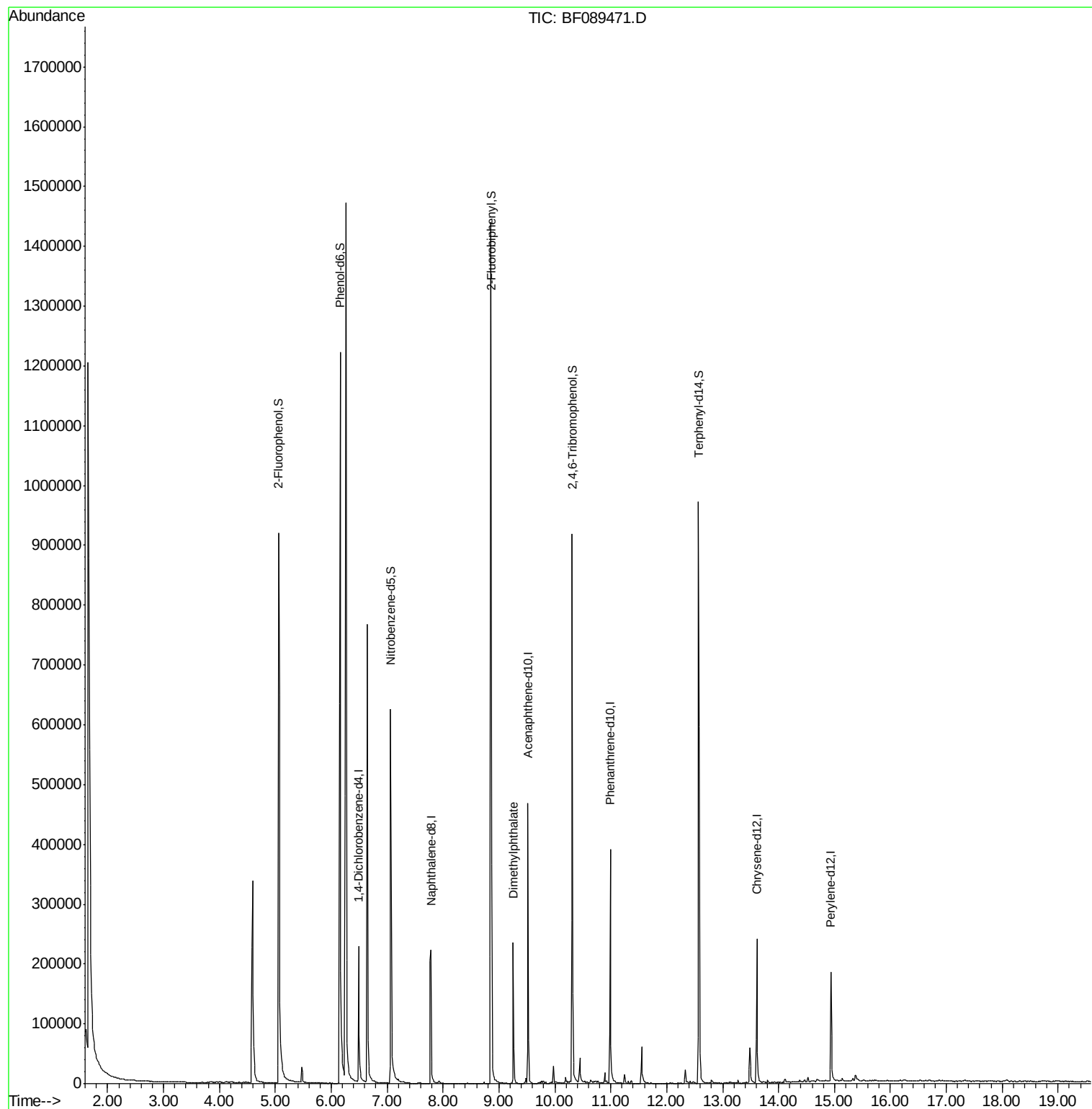
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	45888	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	181149	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	89504	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	166754	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	100982	20.00	ng	-0.01
86) Perylene-d12	14.94	264	79806	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	403940	140.56	ng	0.00
7) Phenol-d6	6.16	99	580449	152.83	ng	-0.01
23) Nitrobenzene-d5	7.06	82	315583	102.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	96420	130.07	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	497808	81.62	ng	-0.01
78) Terphenyl-d14	12.57	244	386546	89.59	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.26	163	99339	14.58	ng	99

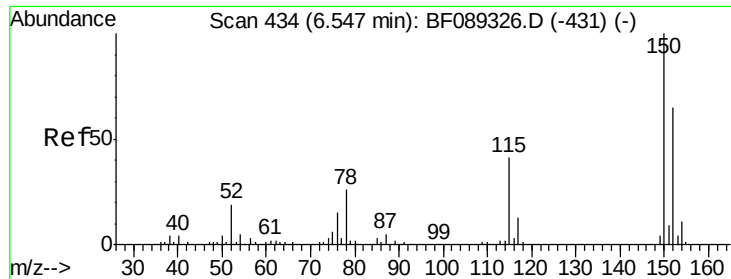
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-1

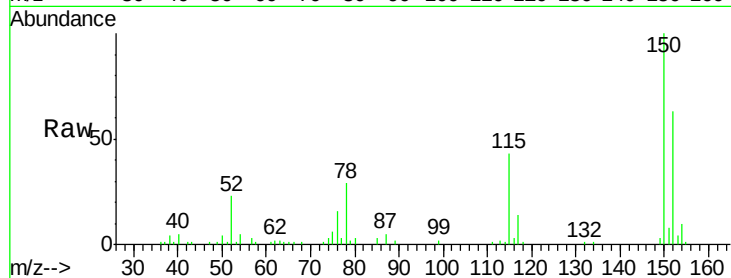
Tot Ion:152 Resp: 45888

Ion Ratio Lower Upper

152 100

150 158.4 129.5 194.3

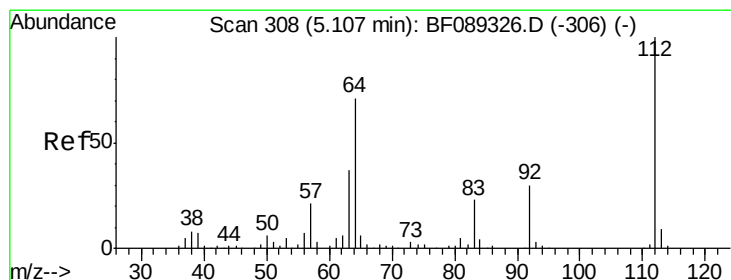
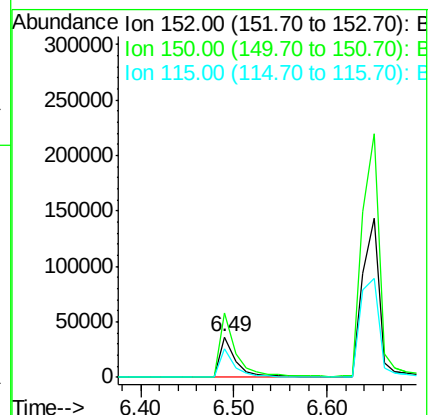
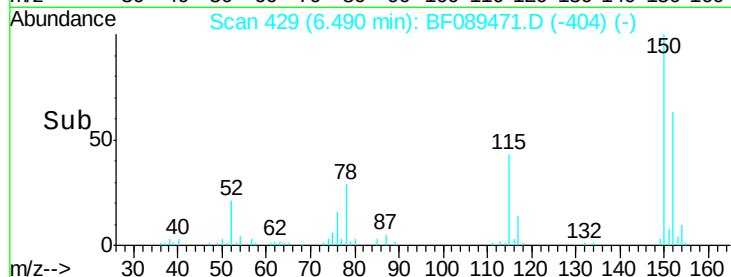
115 68.8 51.4 77.2



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: 140.56 ng

RT: 5.06 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

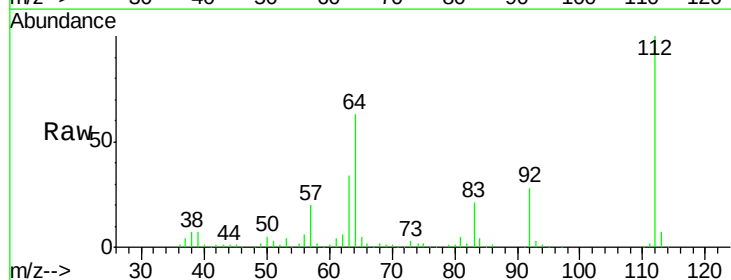
Tgt Ion:112 Resp: 403940

Ion Ratio Lower Upper

112 100

64 63.4 55.0 82.6

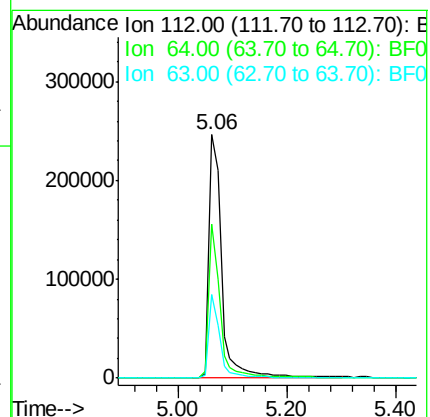
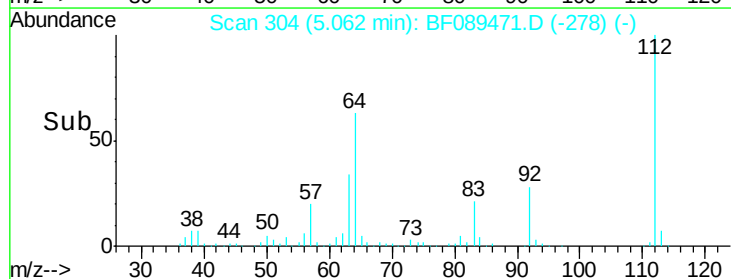
63 34.2 29.4 44.2

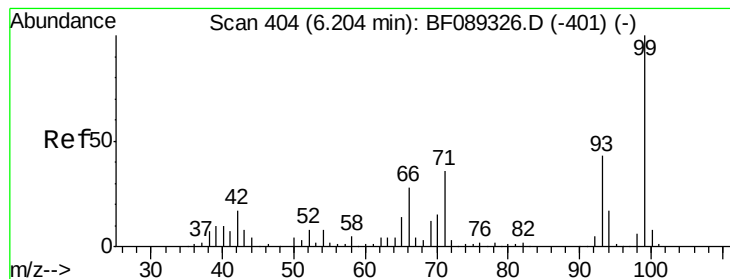


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 152.83 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-1

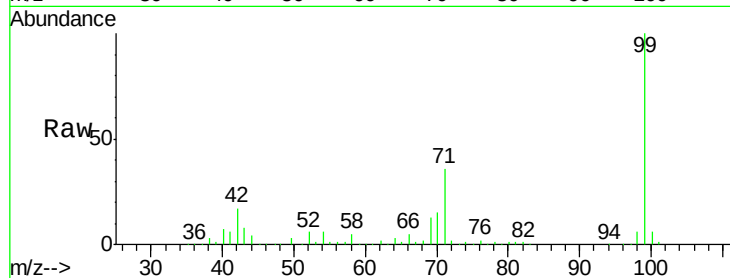
Tot Ion: 99 Resp: 580449

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

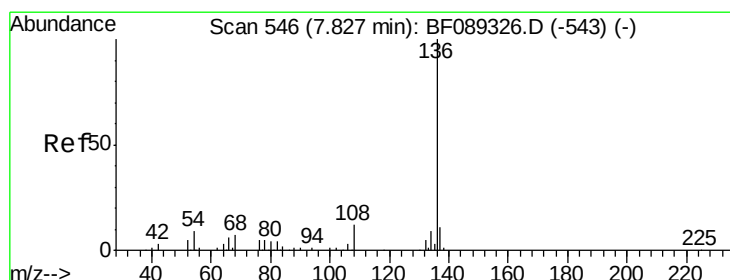
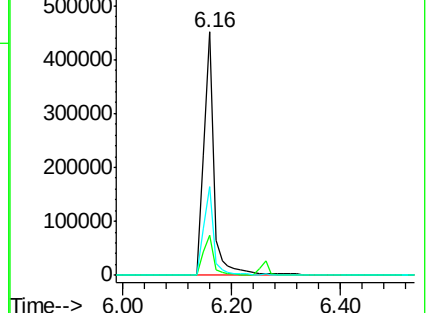
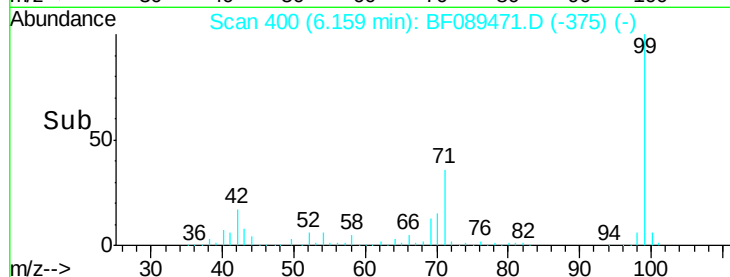
71 36.5 29.4 44.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

Tgt Ion: 136 Resp: 181149

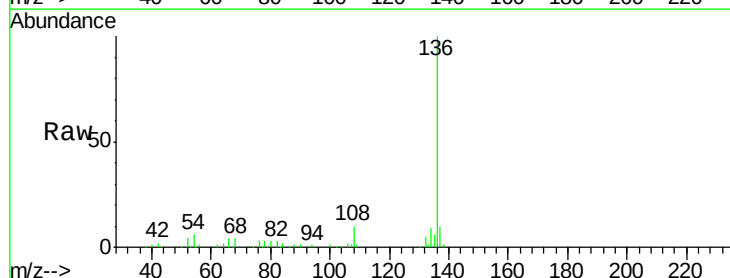
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.9 7.0 10.4#

68 4.5 4.9 7.3#

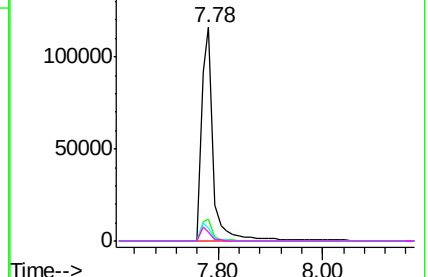
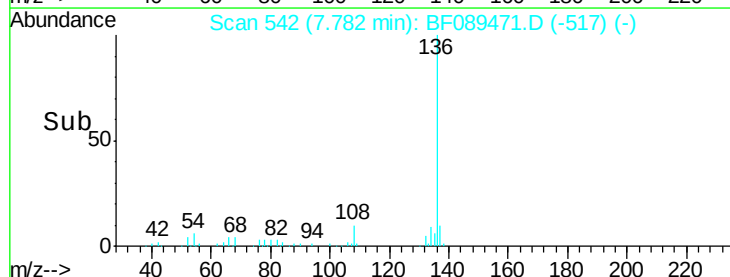


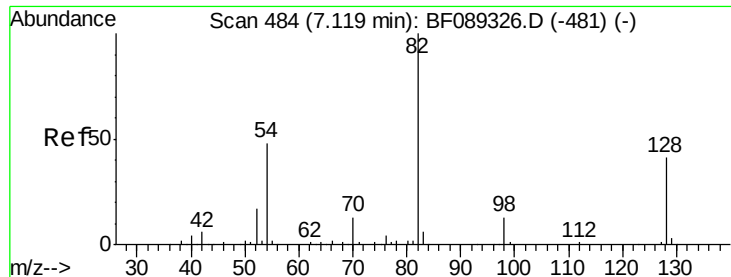
Abundance Ion 136.00 (135.70 to 136.70): E

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

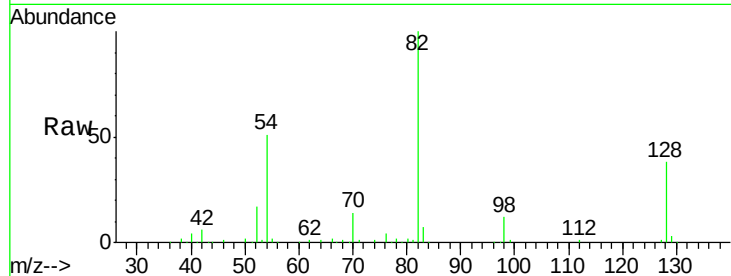




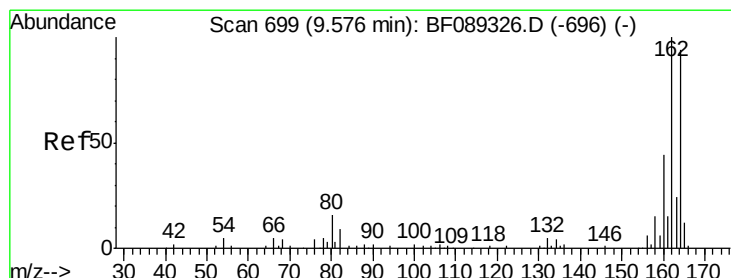
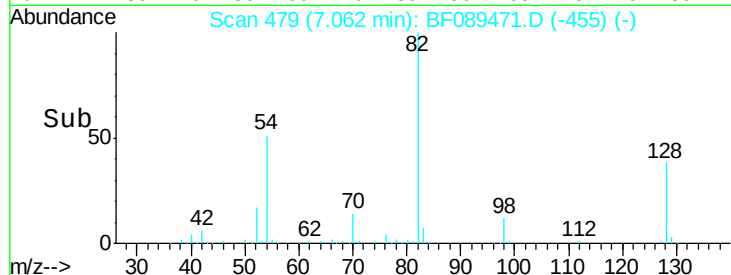
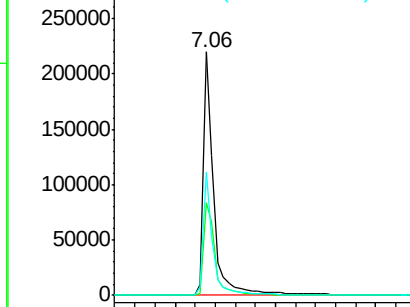
#23
 Nitrobenzene-d5
 Concen: 102.83 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-1

Tot Ion	82	Resp	315583
Ion Ratio	Lower	Upper	
82	100		
128	37.8	32.5	48.7
54	50.8	38.8	58.2

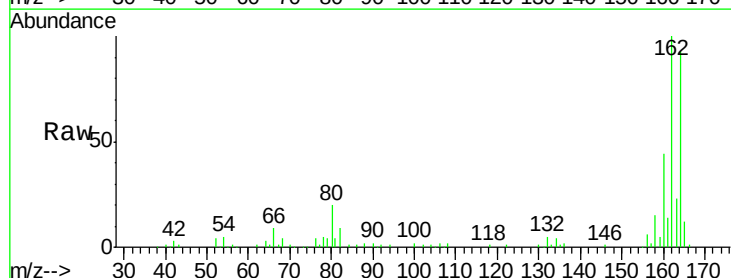


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

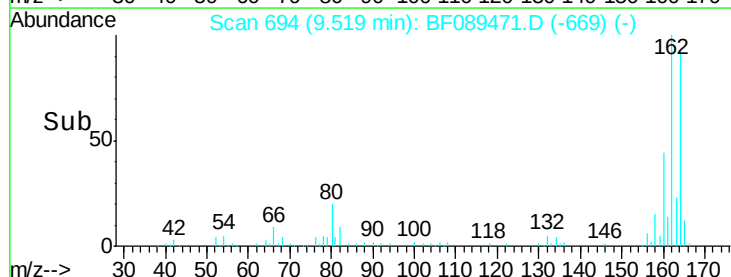
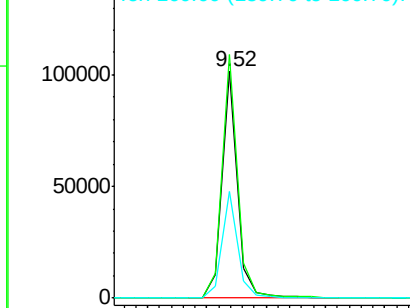


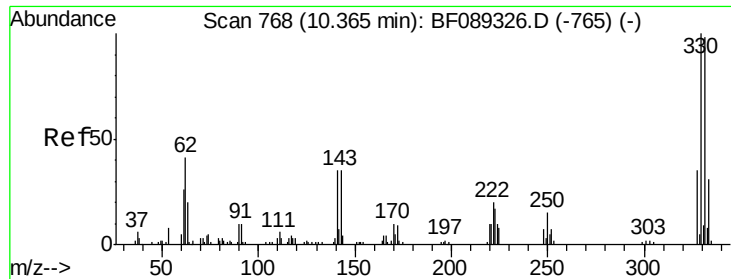
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Tgt Ion	164	Resp	89504
Ion Ratio	Lower	Upper	
164	100		
162	107.5	83.7	125.5
160	47.2	37.8	56.6



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

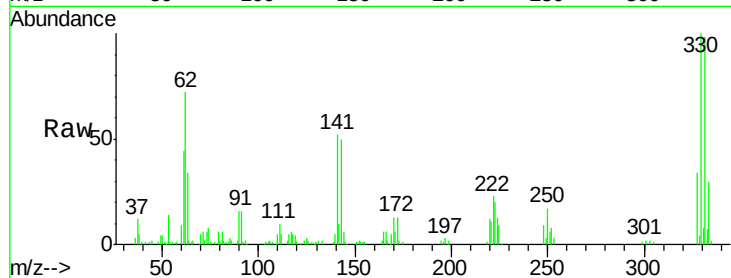




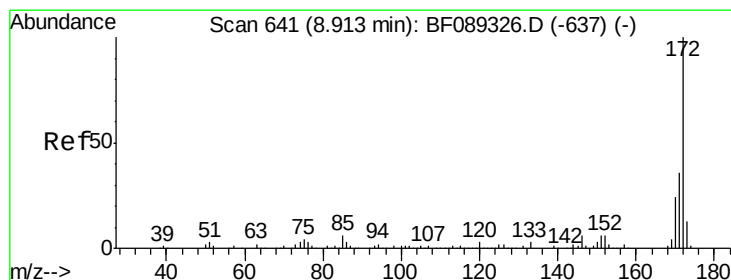
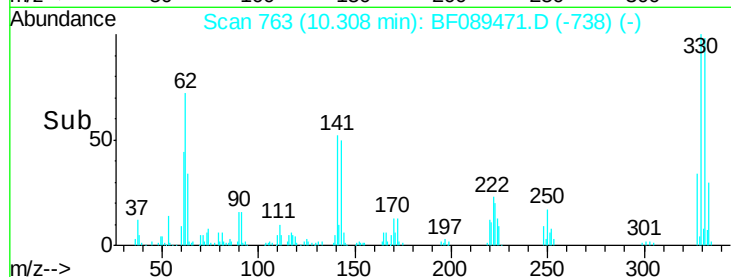
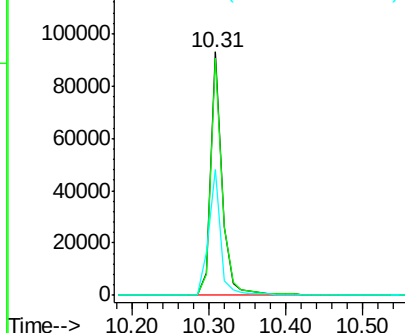
#41
 2,4,6-Tribromophenol
 Concen: 130.07 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-1

Tot Ion:330 Resp: 96420
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.8 115.2
 141 53.0 37.3 55.9

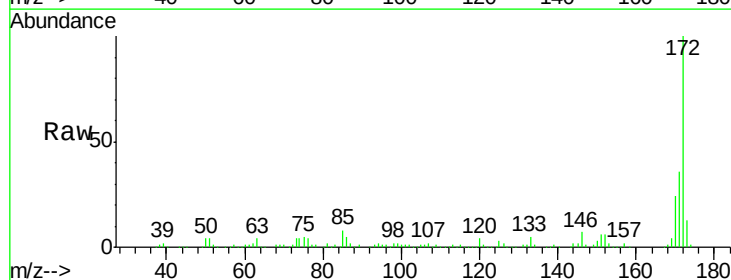


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

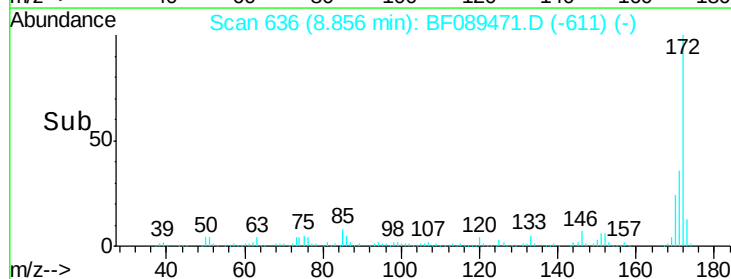
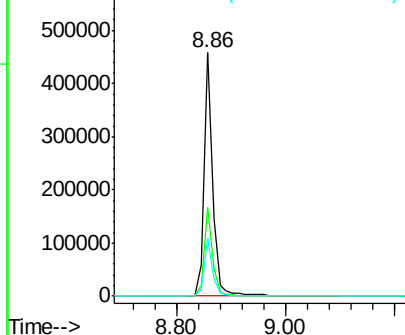


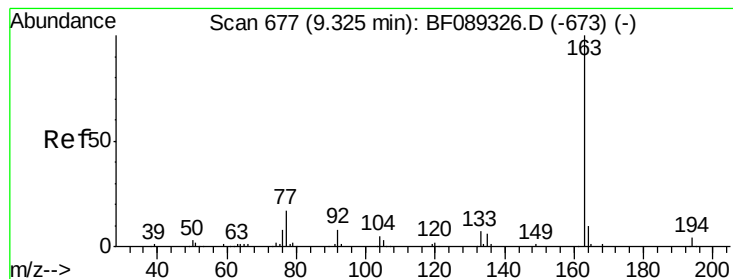
#44
 2-Fluorobiphenyl
 Concen: 81.62 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Tgt Ion:172 Resp: 497808
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.6 19.2 28.8



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: 14.58 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-1

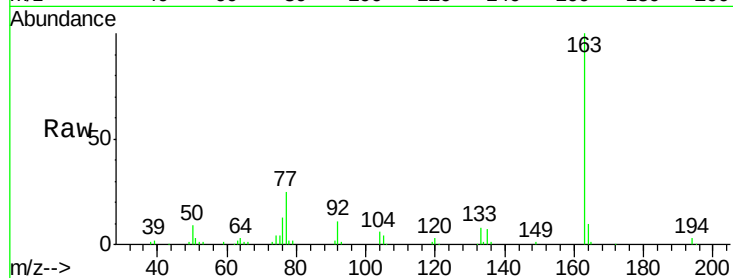
Tot Ion:163 Resp: 99339

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

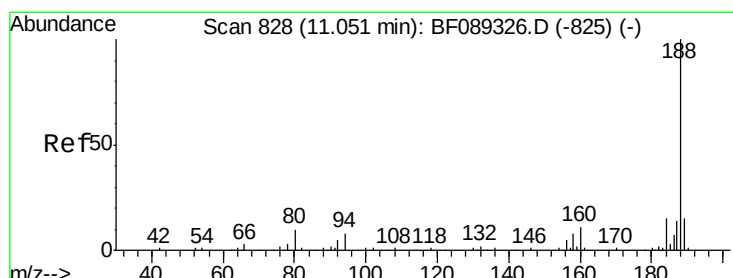
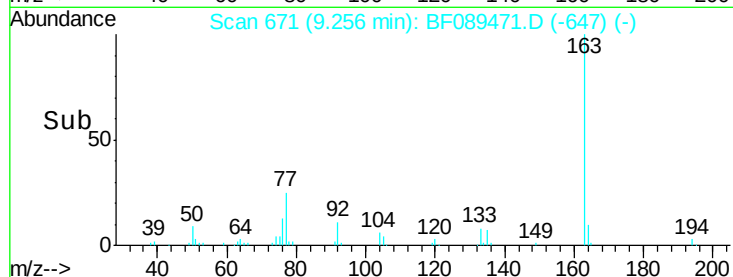
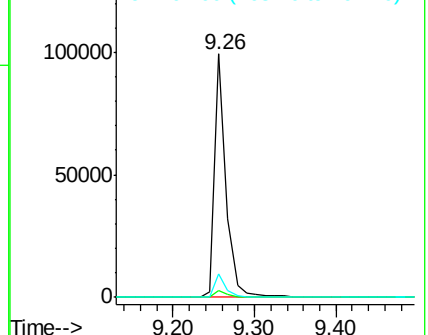
164 9.9 7.8 11.8



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: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

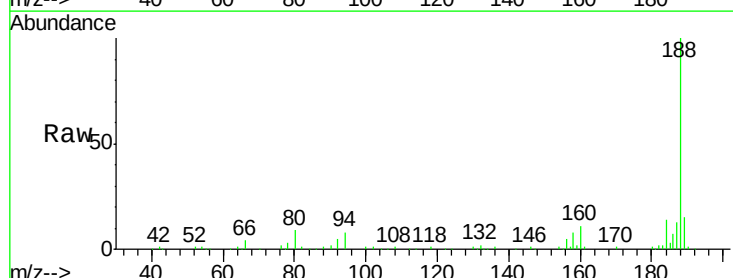
Tgt Ion:188 Resp: 166754

Ion Ratio Lower Upper

188 100

94 8.4 6.5 9.7

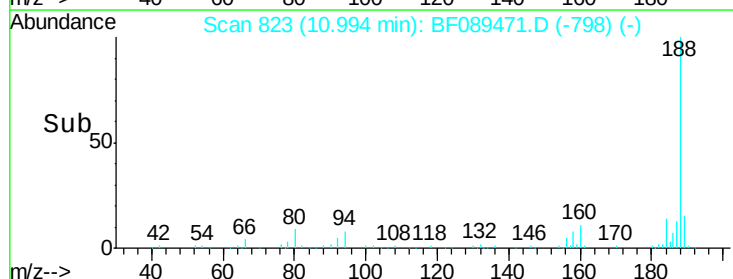
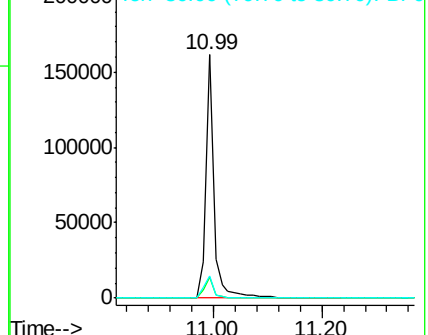
80 9.3 7.2 10.8

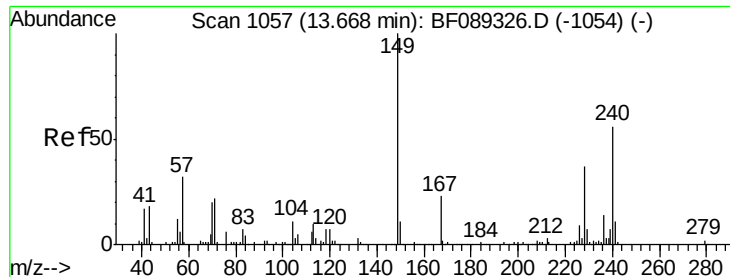


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-1

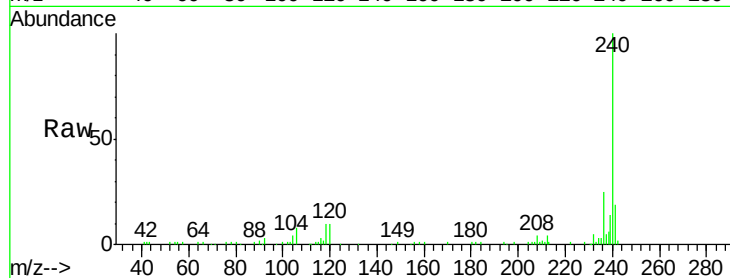
Tot Ion:240 Resp: 100982

Ion Ratio Lower Upper

240 100

120 9.9 9.1 13.7

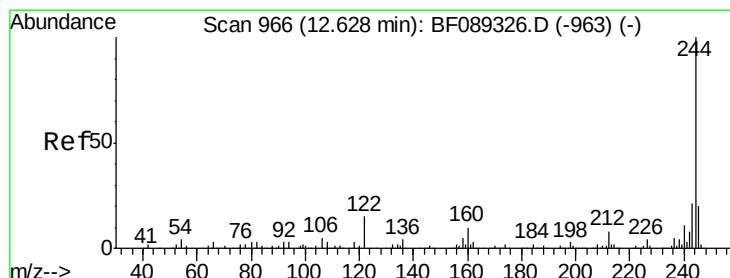
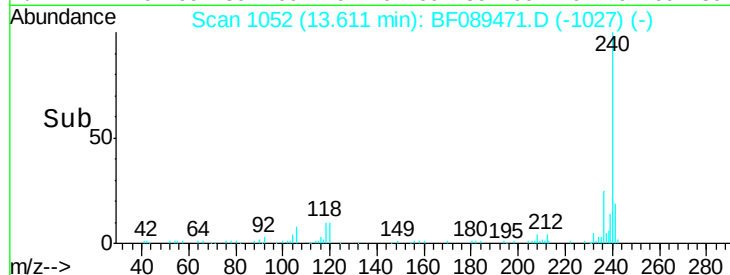
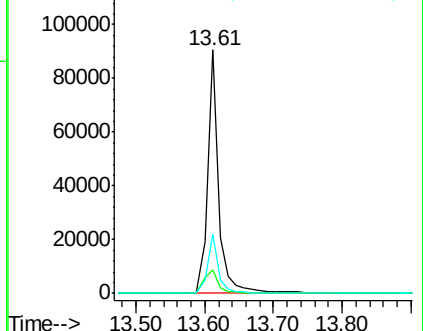
236 24.6 20.6 30.8



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: 89.59 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

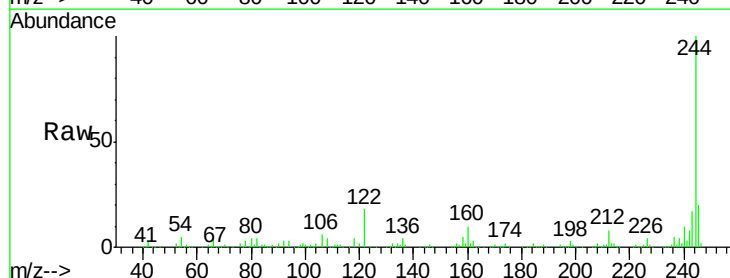
Tgt Ion:244 Resp: 386546

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

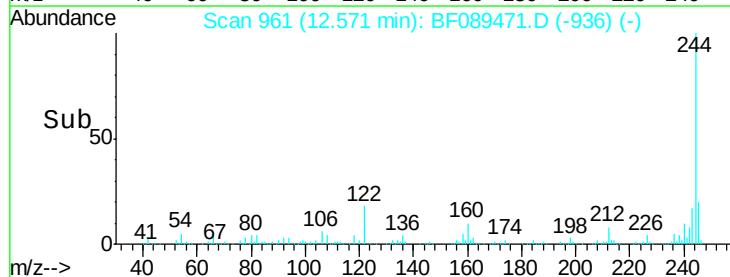
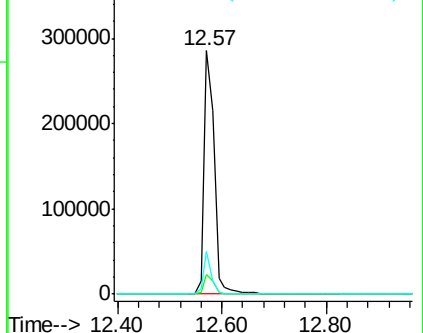
122 17.5 11.4 17.0#

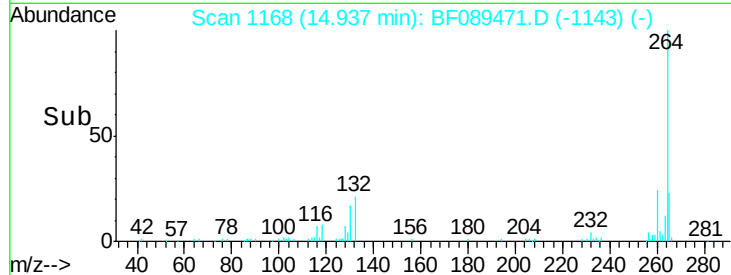
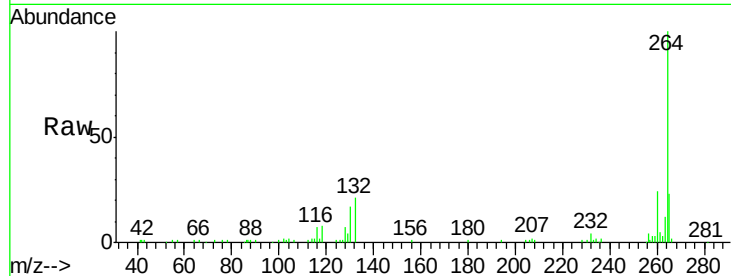
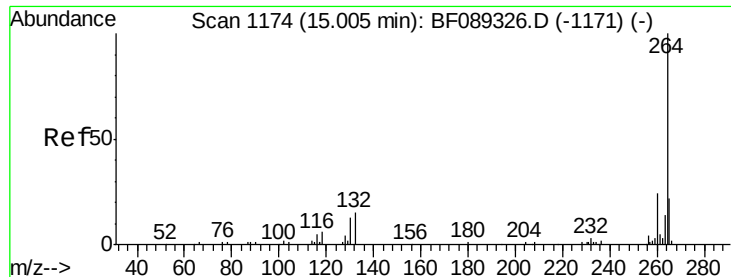


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-1

Tot Ion:264	Resp:	79806
Ion	Ratio	Lower Upper
264	100	
260	23.8	19.0 28.4
265	22.5	17.5 26.3

