

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089704.D
 Acq On : 10 Aug 2016 19:38
 Operator : UM/SJ
 Sample : H4386-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TAL

Quant Time: Aug 11 01:56:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 01:52:35 2016
 Response via : Initial Calibration

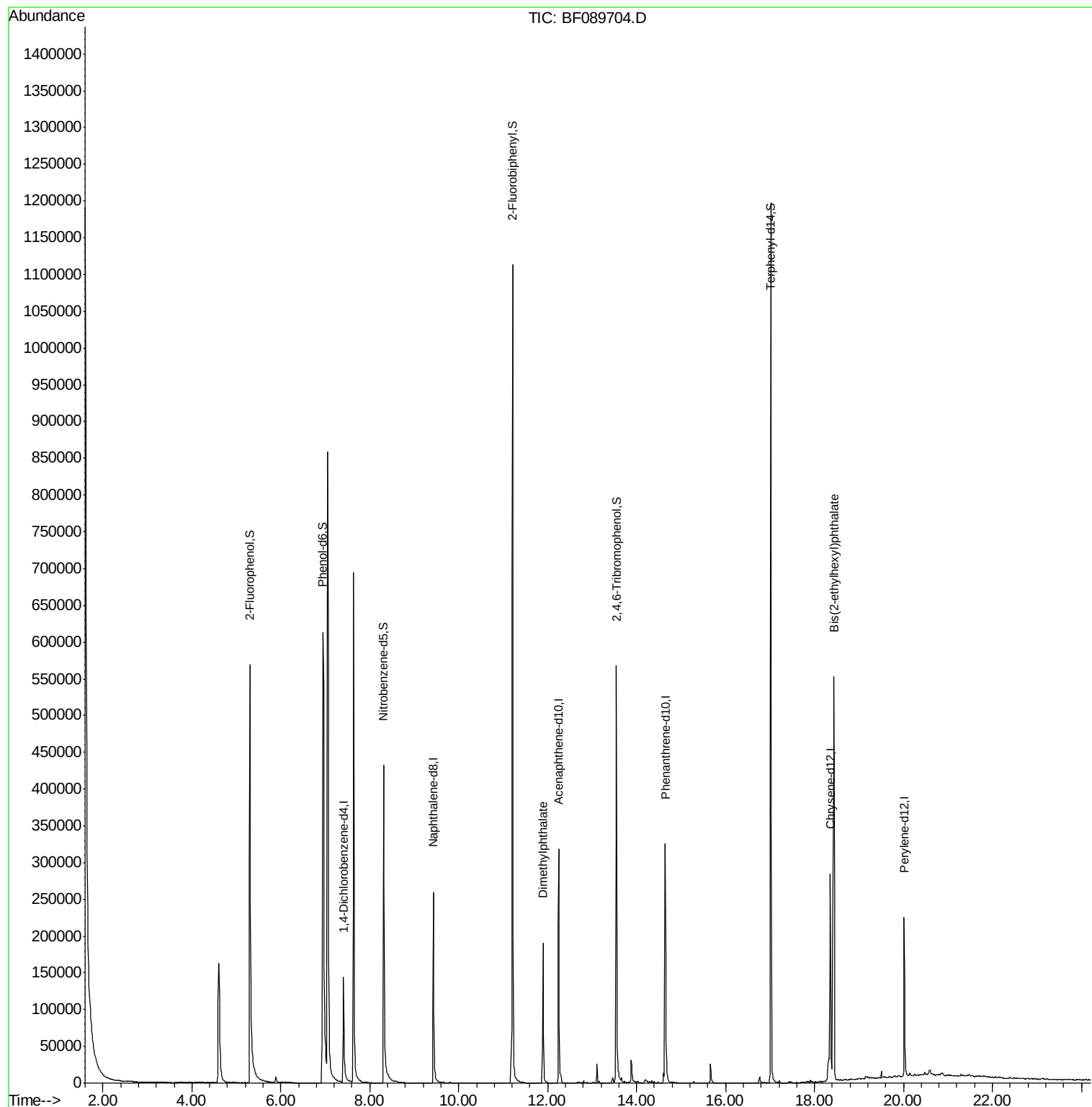
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	47227	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	198022	20.00	ng	-0.01
38) Acenaphthene-d10	12.25	164	97997	20.00	ng	-0.01
63) Phenanthrene-d10	14.64	188	191768	20.00	ng	-0.01
75) Chrysene-d12	18.35	240	145215	20.00	ng	-0.01
86) Perylene-d12	20.01	264	113025	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	336822	119.54	ng	0.01
7) Phenol-d6	6.95	99	456528	119.43	ng	-0.02
23) Nitrobenzene-d5	8.31	82	276334	77.19	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	89215	110.32	ng	-0.01
44) 2-Fluorobiphenyl	11.21	172	526907	69.88	ng	-0.01
78) Terphenyl-d14	17.02	244	467692	63.58	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.90	163	110787	14.42	ng	98
83) Bis(2-ethylhexyl)phthalate	18.43	149	417956	55.25	ng	# 96

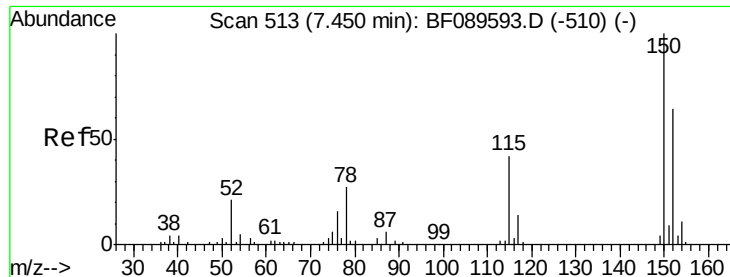
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TAL

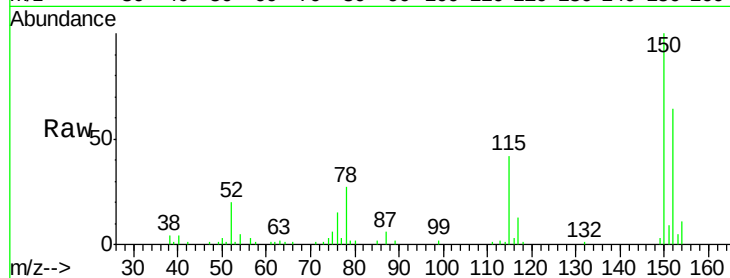
Tgt Ion:152 Resp: 47227

Ion Ratio Lower Upper

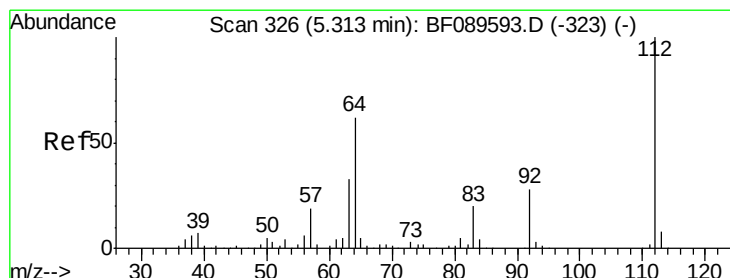
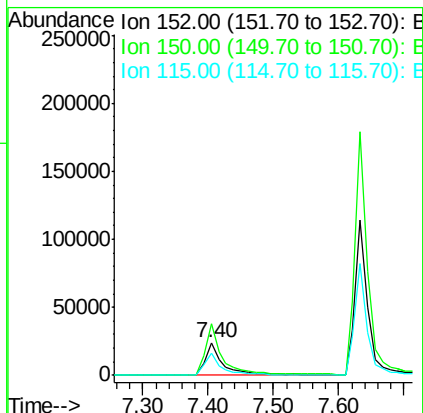
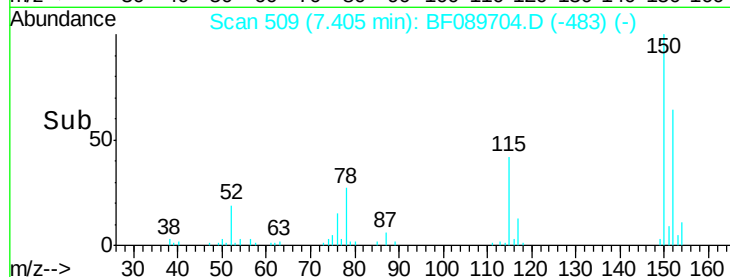
152 100

150 157.3 125.5 188.3

115 66.5 52.0 78.0



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: 119.54 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

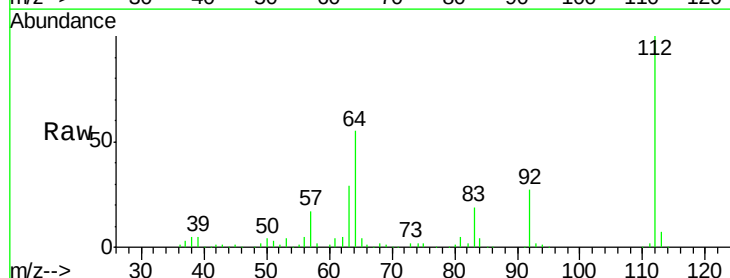
Tgt Ion:112 Resp: 336822

Ion Ratio Lower Upper

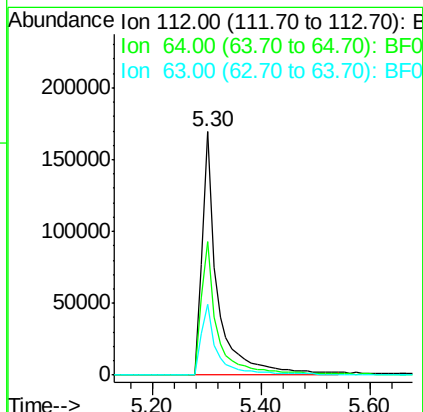
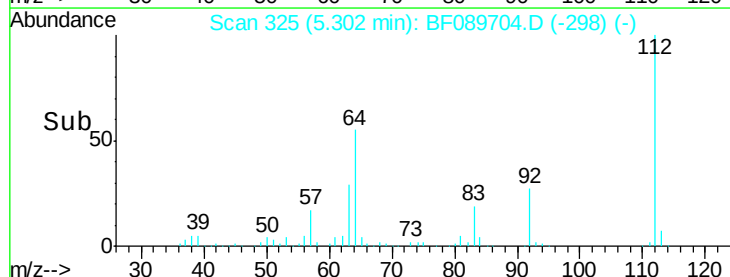
112 100

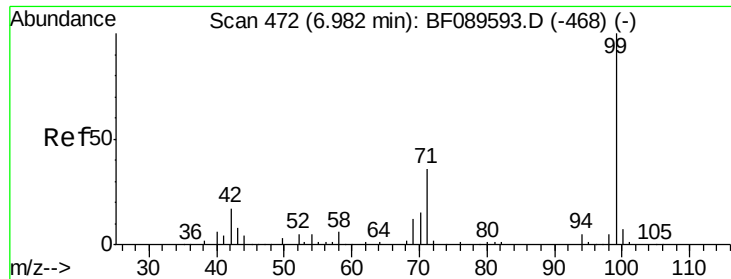
64 54.9 49.9 74.9

63 29.1 26.1 39.1



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: 119.43 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TAL

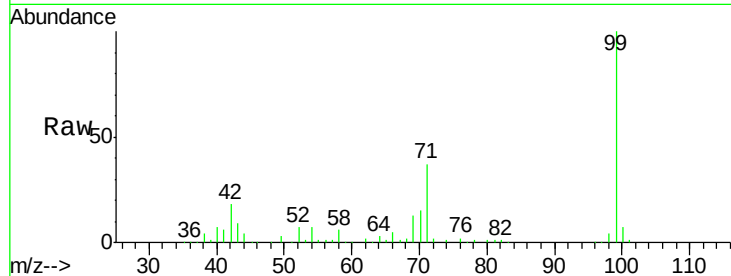
Tgt Ion: 99 Resp: 456528

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

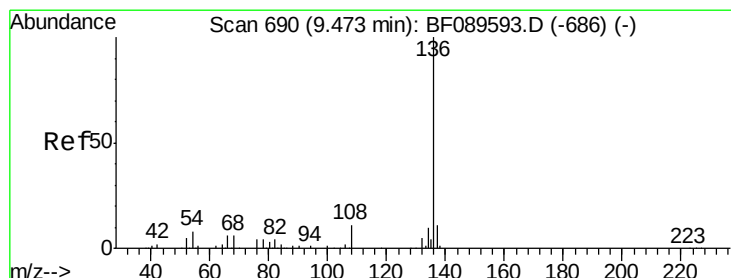
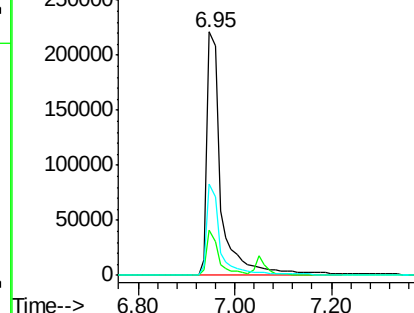
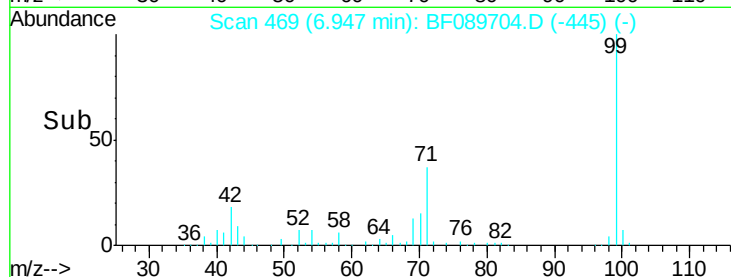
71 37.4 29.0 43.4



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: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

Tgt Ion: 136 Resp: 198022

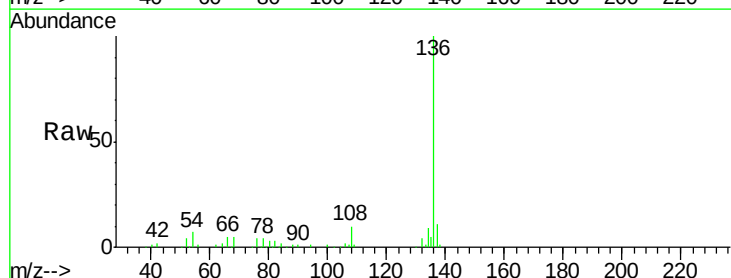
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.9 6.0 9.0

68 5.4 4.6 6.8

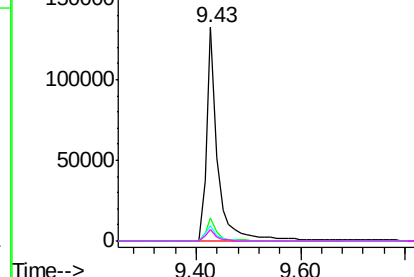
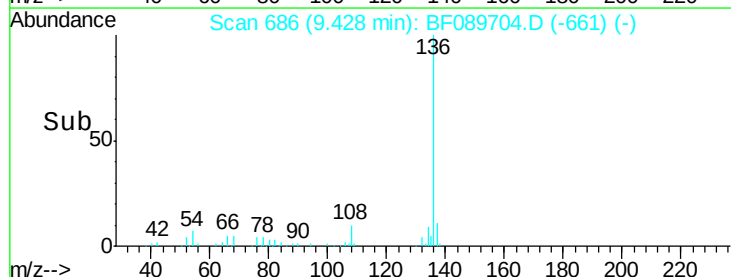


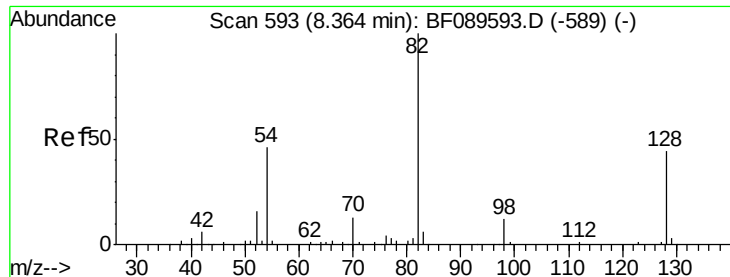
Abundance Ion 136.00 (135.70 to 136.70): E

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

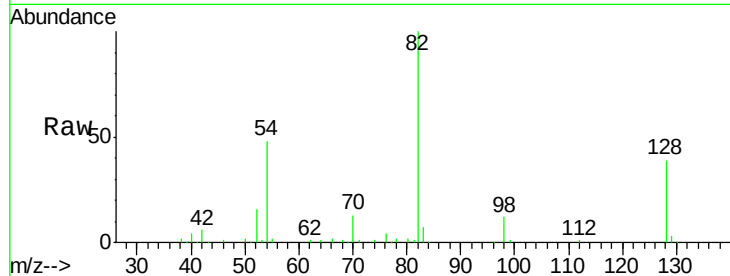




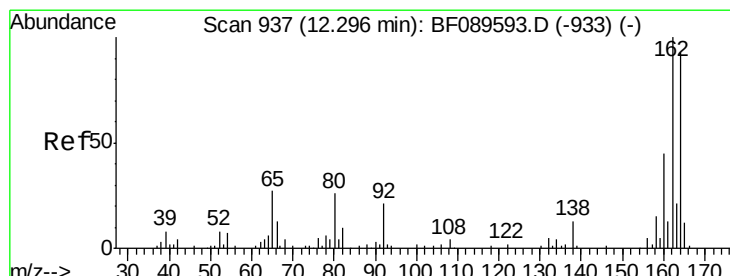
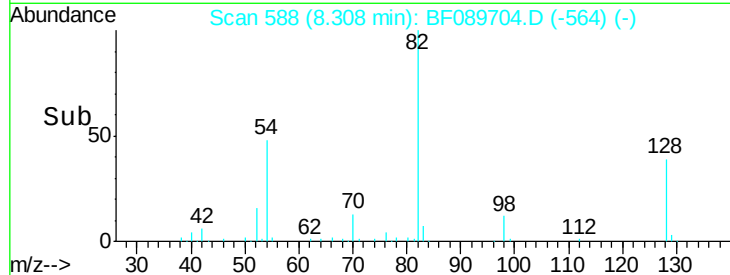
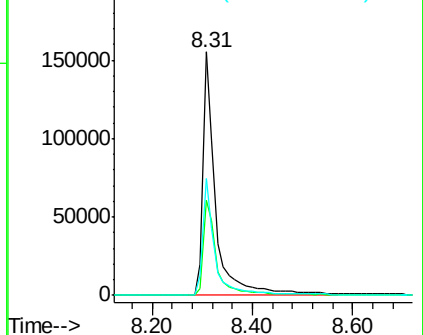
#23
 Nitrobenzene-d5
 Concen: 77.19 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TAL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	35.4	53.0
54	48.2	36.4	54.6

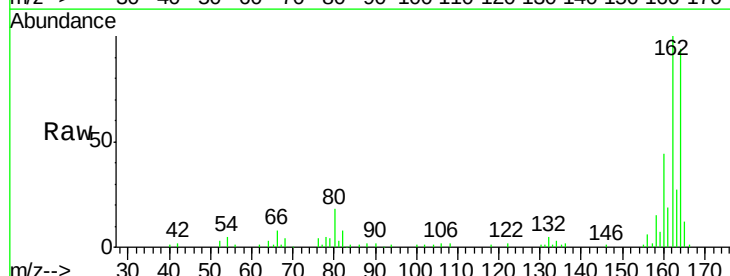


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

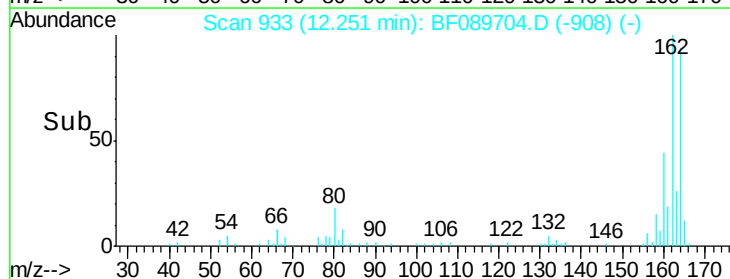
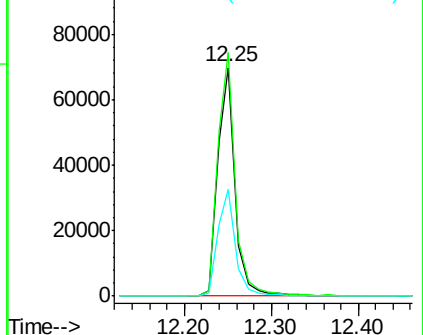


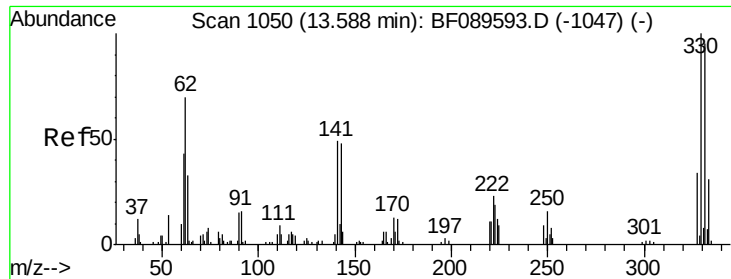
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.7	128.5
160	46.9	38.2	57.4



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

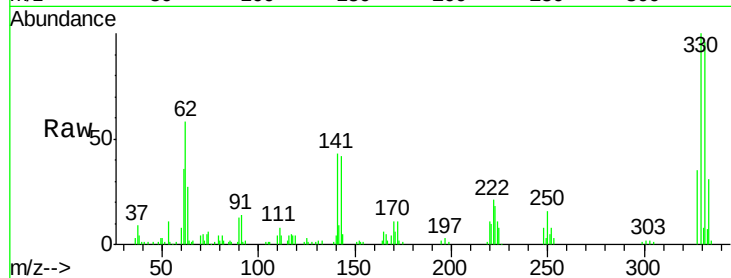




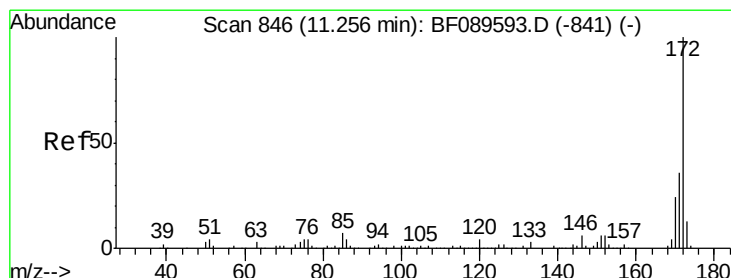
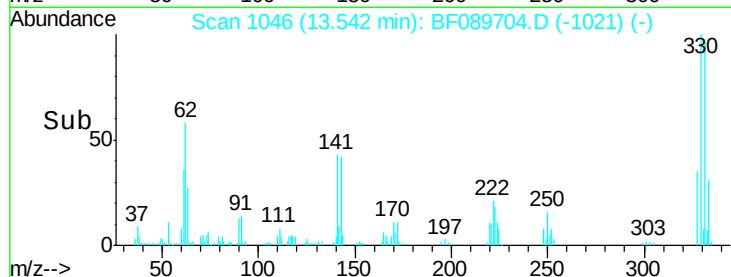
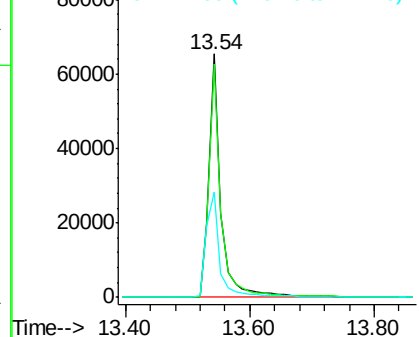
#41
 2,4,6-Tribromophenol
 Concen: 110.32 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TAL

Tgt Ion:330 Resp: 89215
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 48.3 38.6 57.8

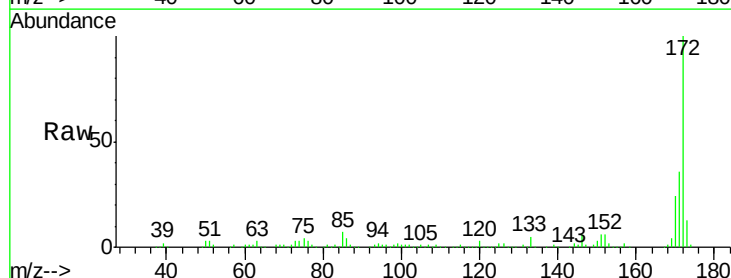


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

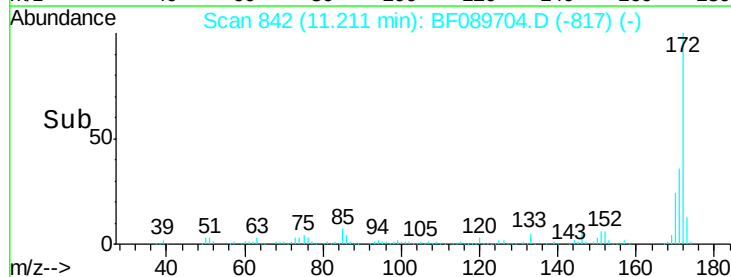
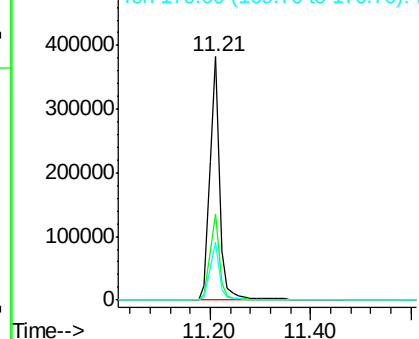


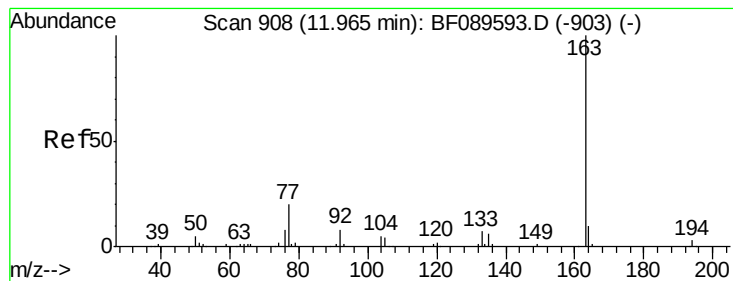
#44
 2-Fluorobiphenyl
 Concen: 69.88 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

Tgt Ion:172 Resp: 526907
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.6 19.0 28.6



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: 14.42 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TAL

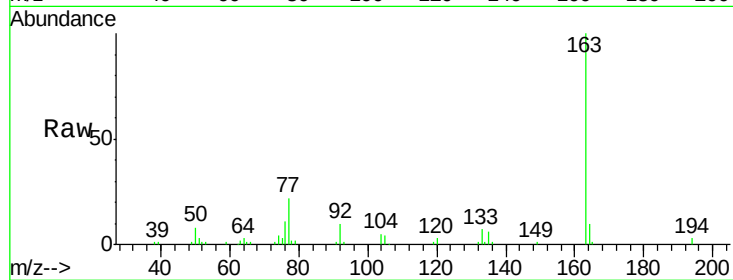
Tgt Ion:163 Resp: 110787

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

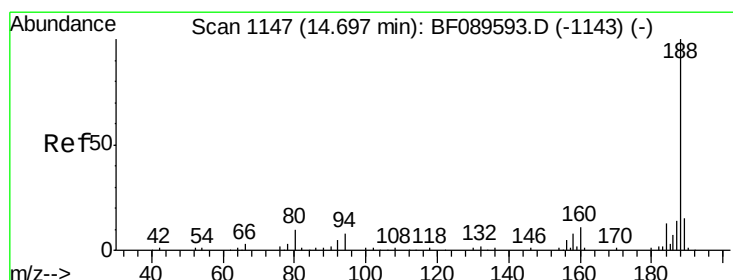
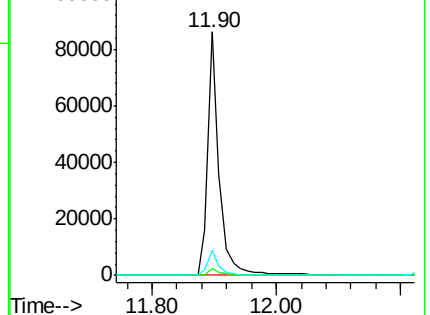
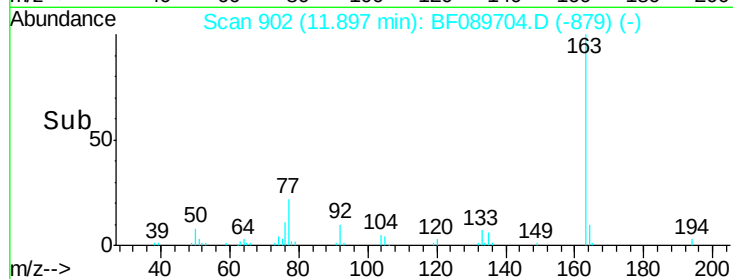
164 10.3 7.8 11.6



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: 14.64 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

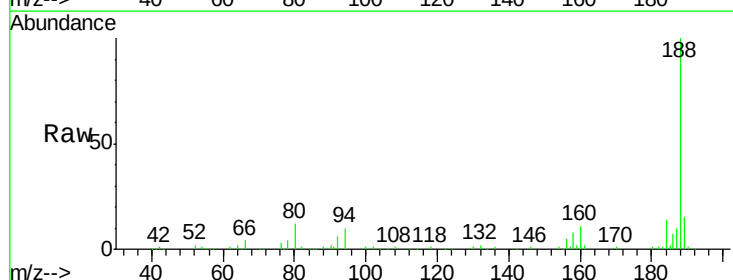
Tgt Ion:188 Resp: 191768

Ion Ratio Lower Upper

188 100

94 10.0 6.5 9.7#

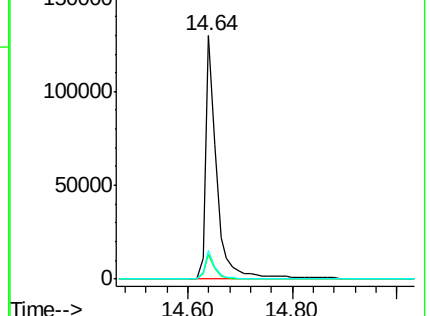
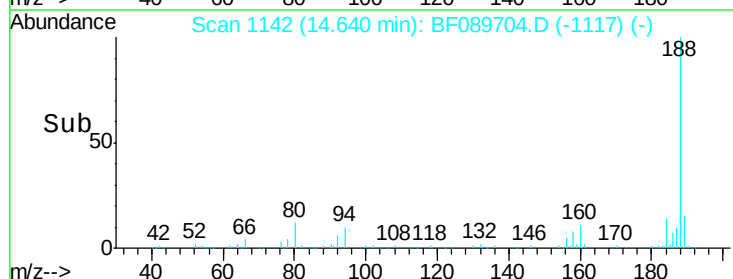
80 11.8 8.0 12.0

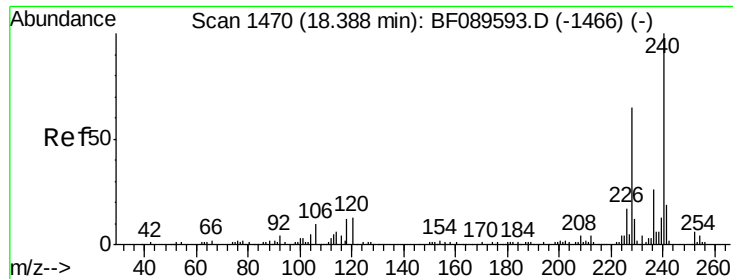


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

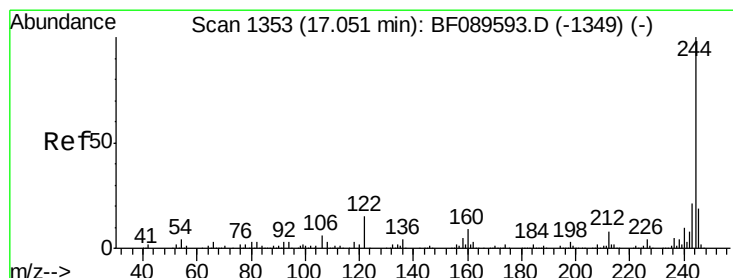
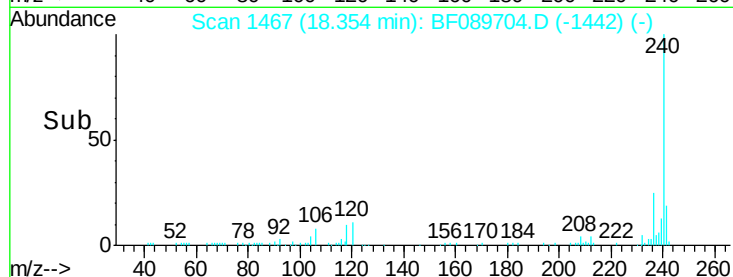
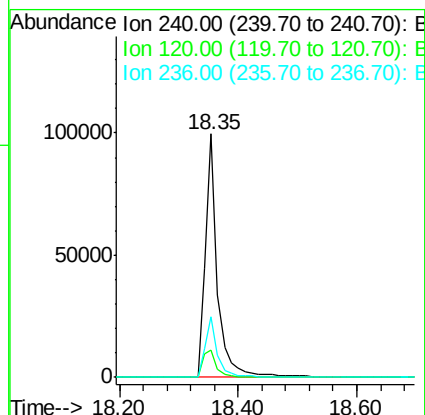
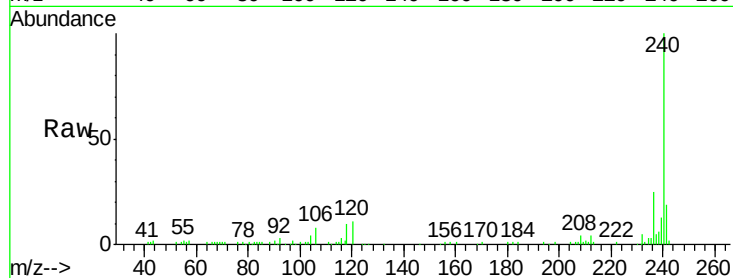




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.35 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

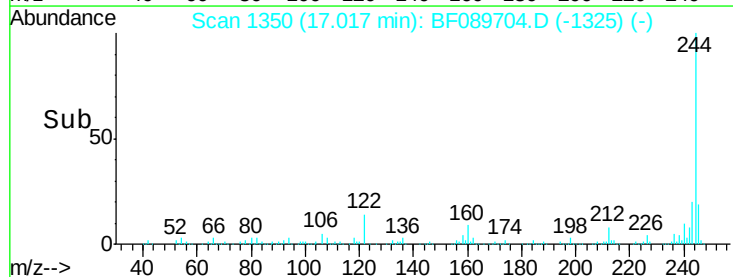
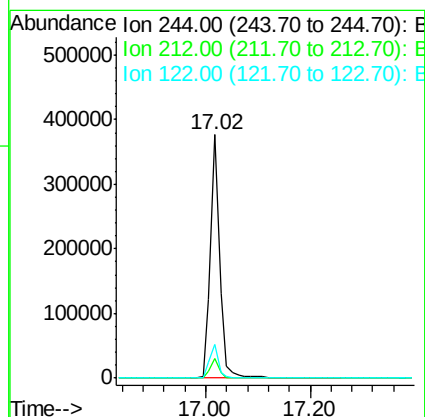
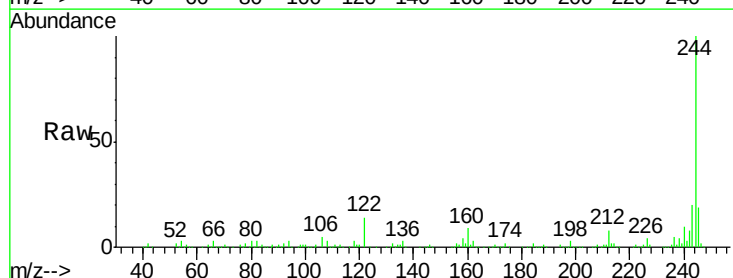
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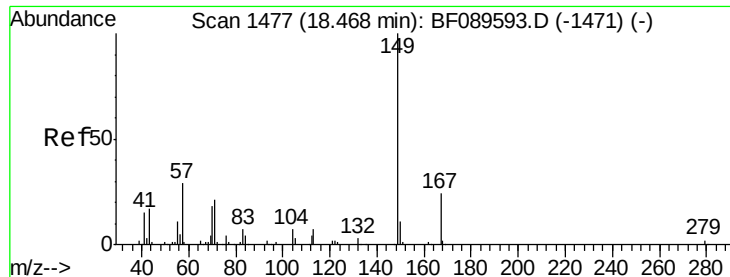
Tgt Ion:240 Resp: 145215
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.6 15.8
 236 25.0 20.6 30.8



#78
 Terphenyl-d14
 Concen: 63.58 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

Tgt Ion:244 Resp: 467692
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 14.0 12.2 18.2

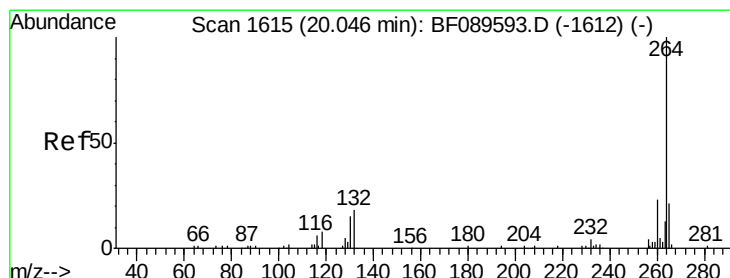
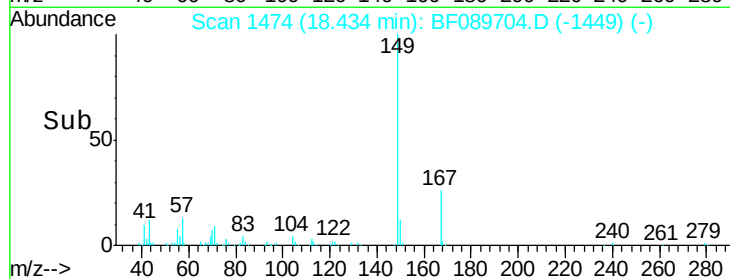
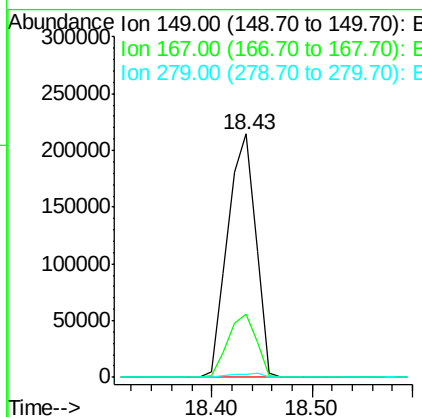
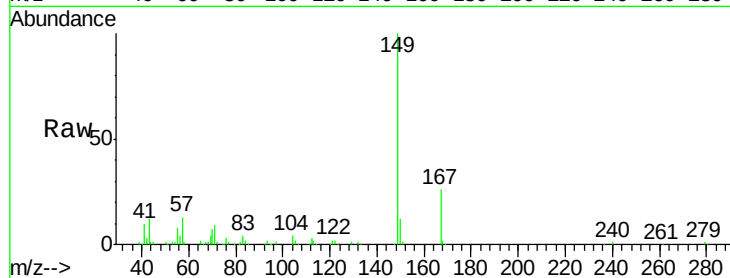




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.25 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TAL

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	19.0	28.4
279	1.5	1.8	2.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.1	16.5	24.7

