

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 01:09:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

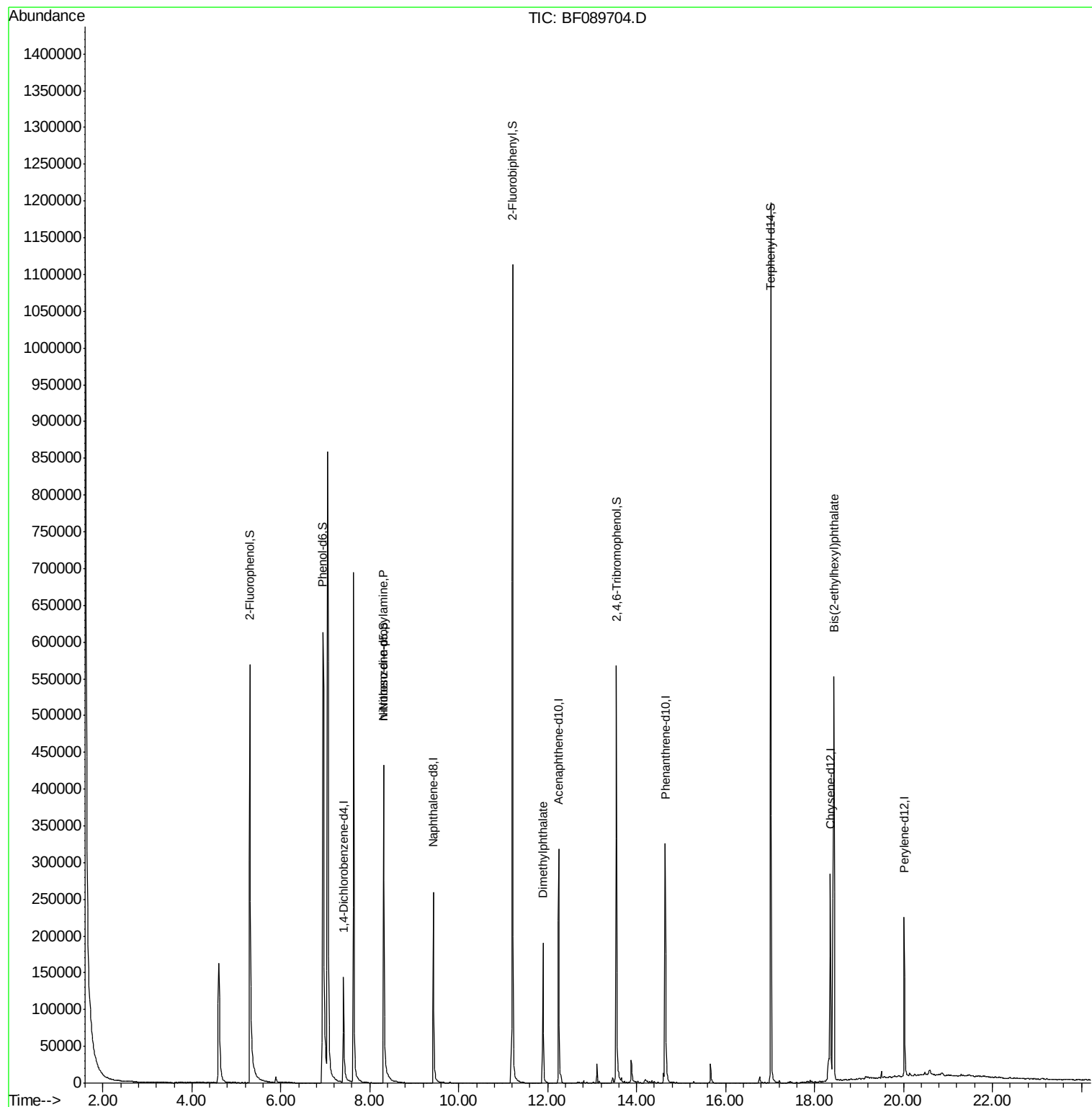
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	47227	20.00	ng	-0.05
21) Naphthalene-d8	9.43	136	197590	20.00	ng	-0.05
38) Acenaphthene-d10	12.25	164	97997	20.00	ng	-0.05
63) Phenanthrene-d10	14.64	188	191768	20.00	ng	-0.06
75) Chrysene-d12	18.35	240	145223	20.00	ng	-0.03
86) Perylene-d12	20.01	264	113025	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	335608	119.11	ng	-0.01
7) Phenol-d6	6.95	99	452533	118.39	ng	-0.03
23) Nitrobenzene-d5	8.31	82	276334	77.36	ng	-0.06
41) 2,4,6-Tribromophenol	13.54	330	89215	110.32	ng	-0.05
44) 2-Fluorobiphenyl	11.21	172	526907	69.88	ng	-0.05
78) Terphenyl-d14	17.02	244	467692	63.58	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.31	70	32609	11.81	ng	# 84
49) Dimethylphthalate	11.90	163	110787	14.42	ng	98
83) Bis(2-ethylhexyl)phthalate	18.43	149	417956	55.25	ng	# 96

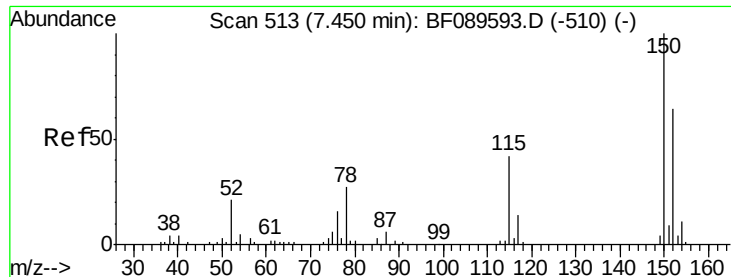
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TAL

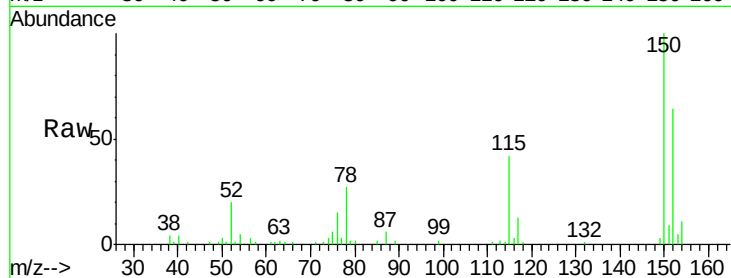
Tgt Ion:152 Resp: 47227

Ion Ratio Lower Upper

152 100

150 157.3 125.5 188.3

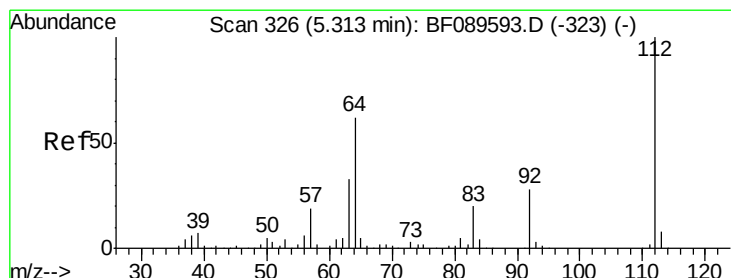
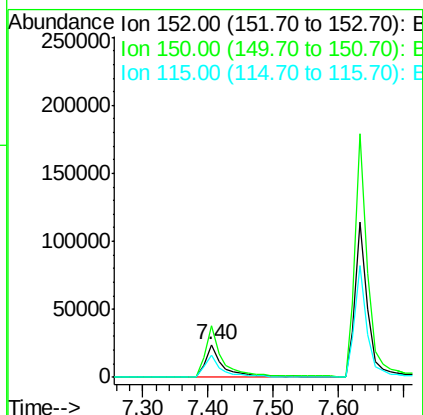
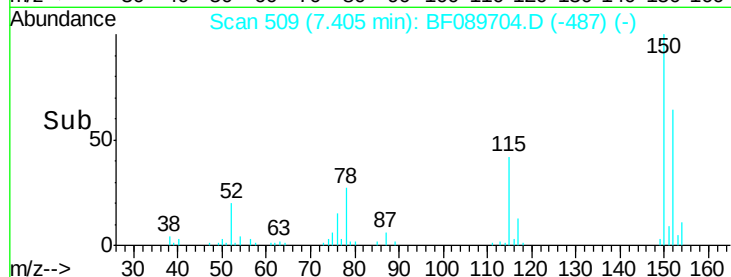
115 66.5 52.0 78.0



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: 119.11 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.01 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

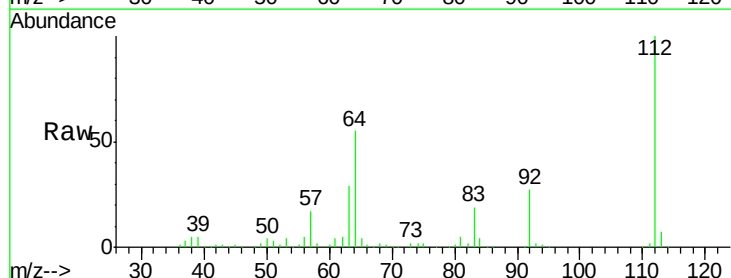
Tgt Ion:112 Resp: 335608

Ion Ratio Lower Upper

112 100

64 54.9 49.9 74.9

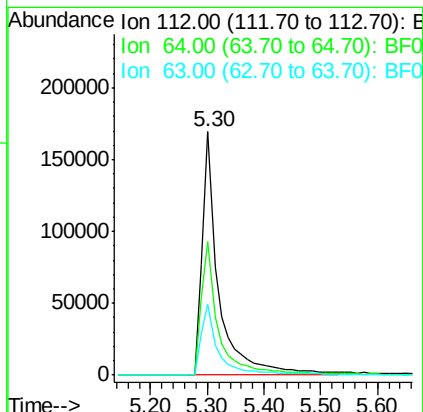
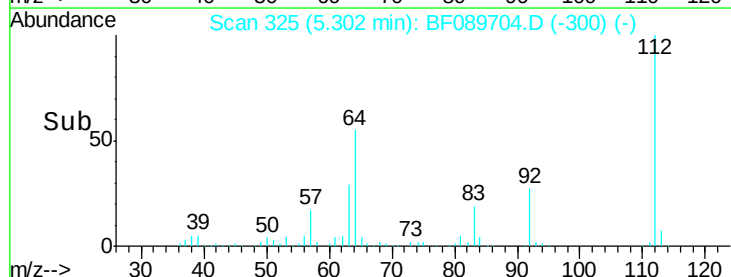
63 29.1 26.1 39.1

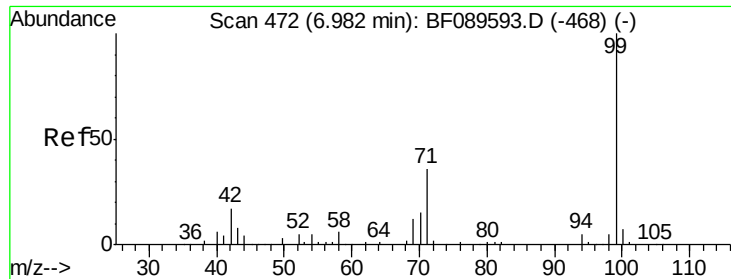


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.39 ng

RT: 6.95 min Scan# 469

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

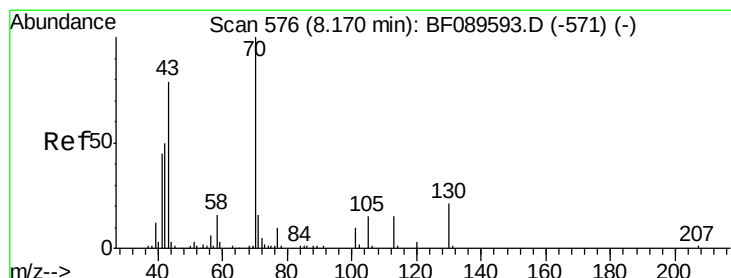
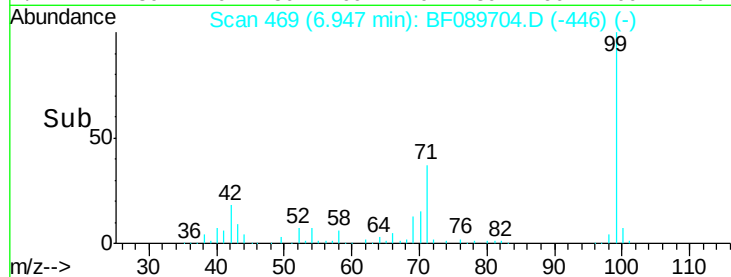
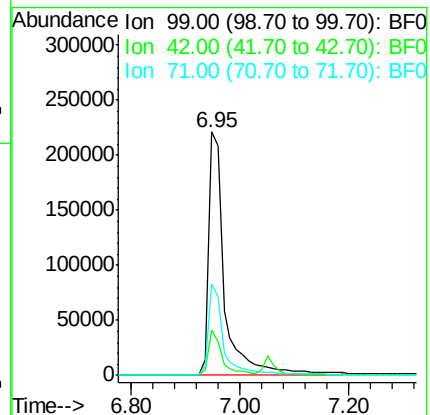
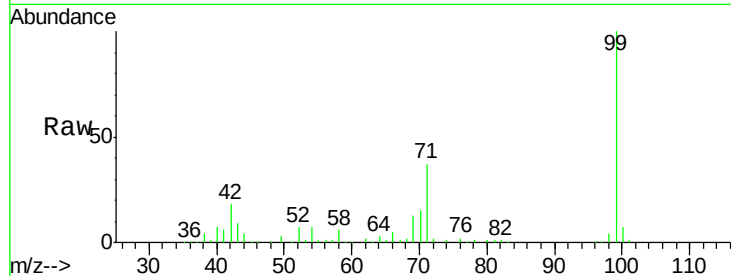
Tgt Ion: 99 Resp: 452533

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

71 37.4 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.81 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.14 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

Tgt Ion: 70 Resp: 32609

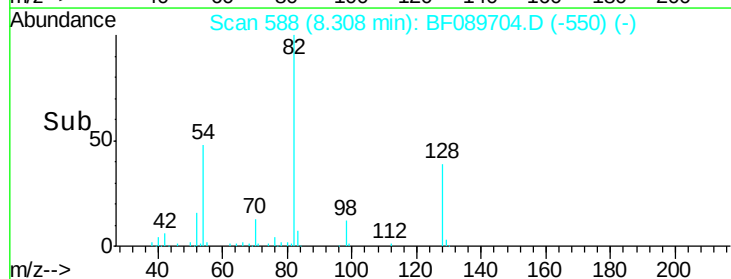
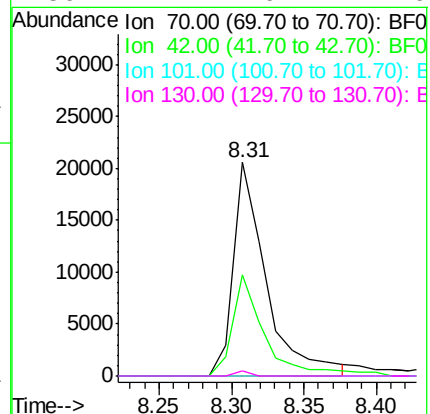
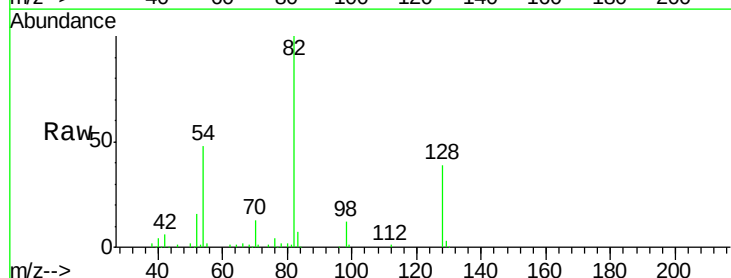
Ion Ratio Lower Upper

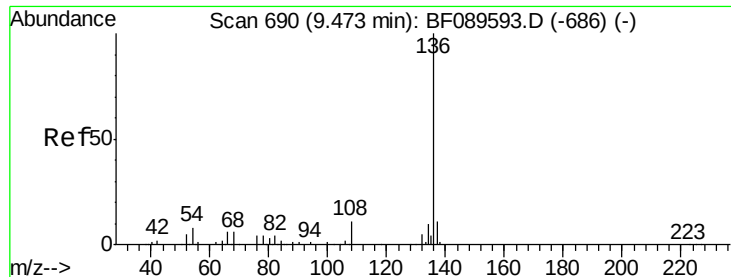
70 100

42 47.2 40.2 60.2

101 0.0 7.8 11.6#

130 2.2 16.4 24.6#

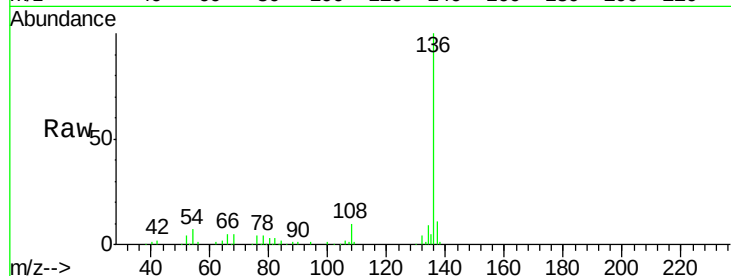




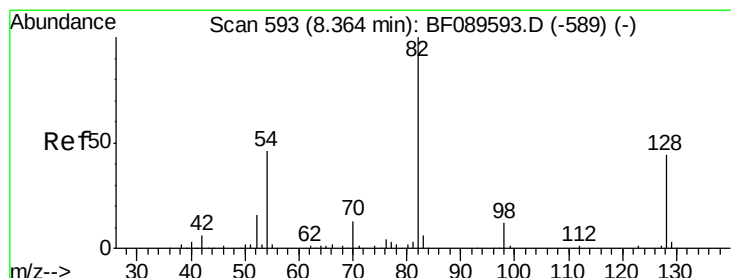
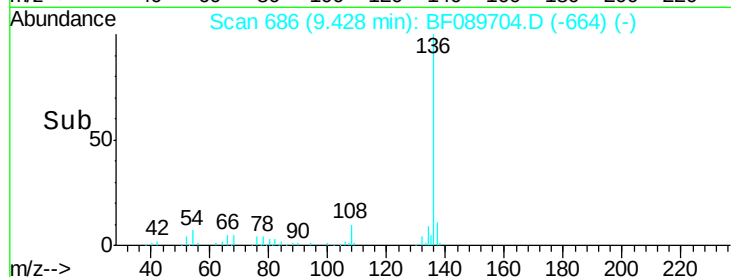
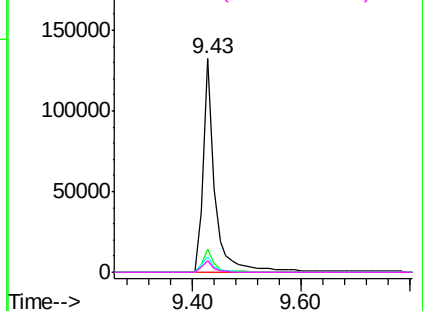
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.05 min
Lab File: BF089704.D
Acq: 10 Aug 2016 19:38

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

Tgt Ion:	136	Resp:	197590
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

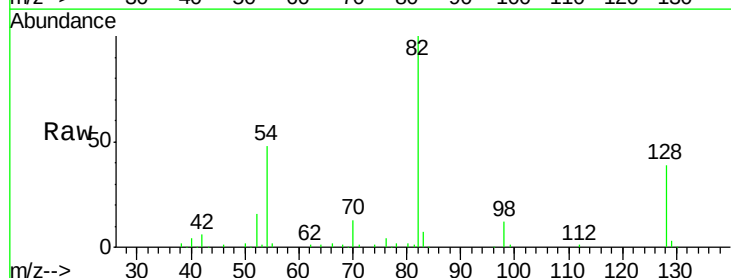


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

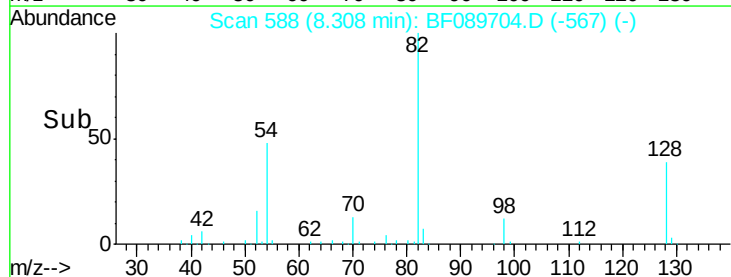
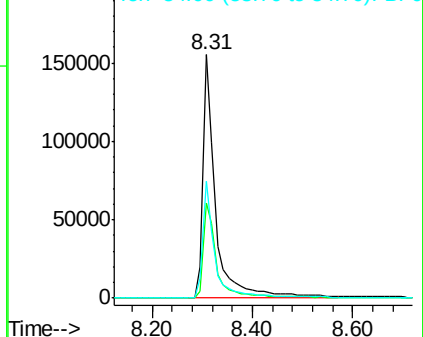


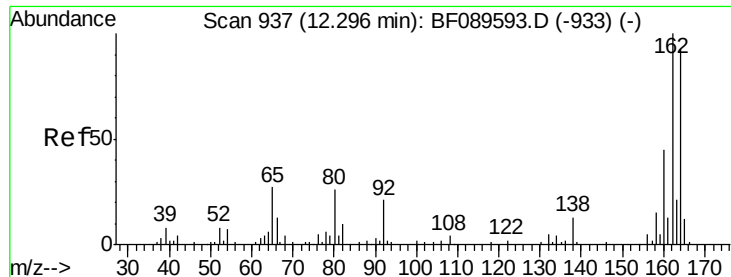
#23
Nitrobenzene-d5
Concen: 77.36 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.06 min
Lab File: BF089704.D
Acq: 10 Aug 2016 19:38

Tgt Ion:	82	Resp:	276334
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): E
Ion 54.00 (53.70 to 54.70): BF0

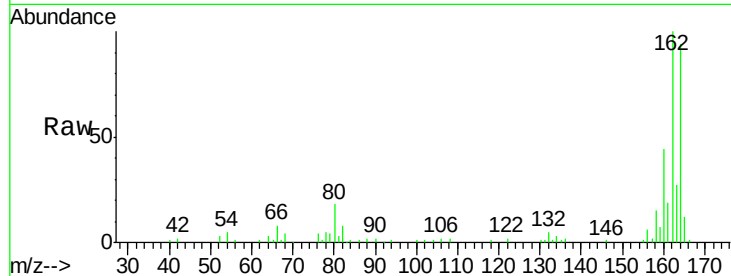




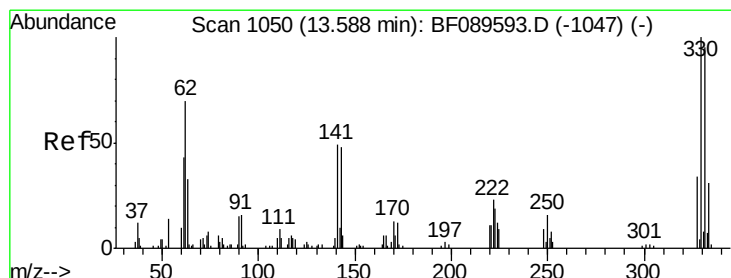
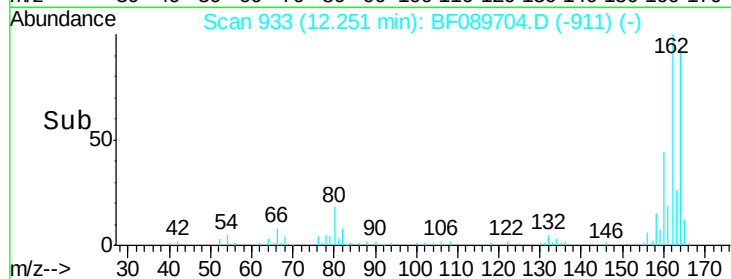
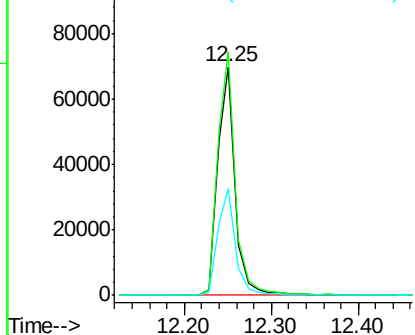
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 933
 Delta R.T. -0.05 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

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

Tgt Ion:164 Resp: 97997
 Ion Ratio Lower Upper
 164 100
 162 106.7 85.7 128.5
 160 46.9 38.2 57.4

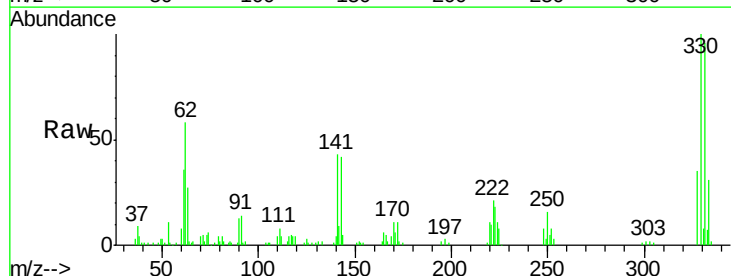


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

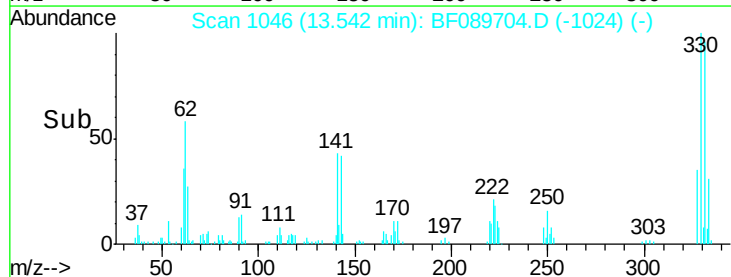
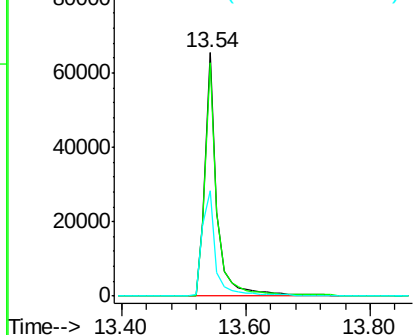


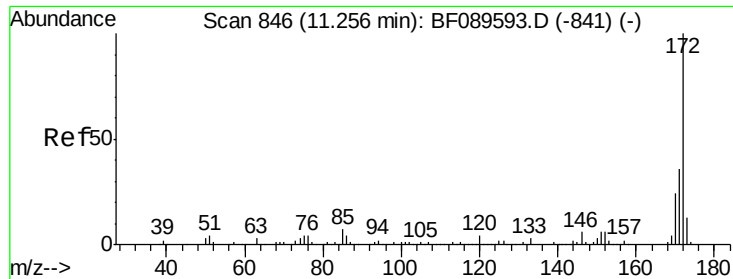
#41
 2,4,6-Tribromophenol
 Concen: 110.32 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. -0.05 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

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

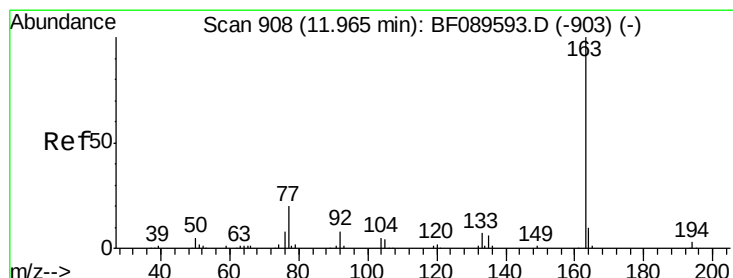
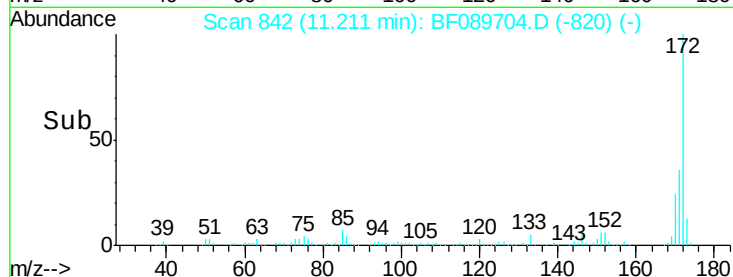
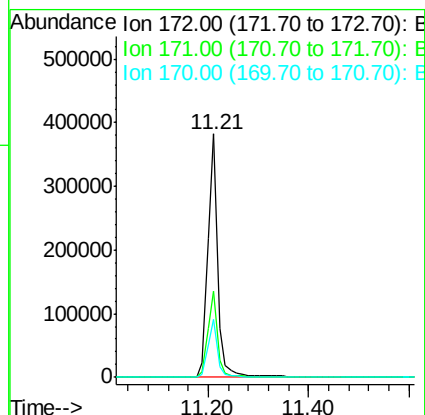
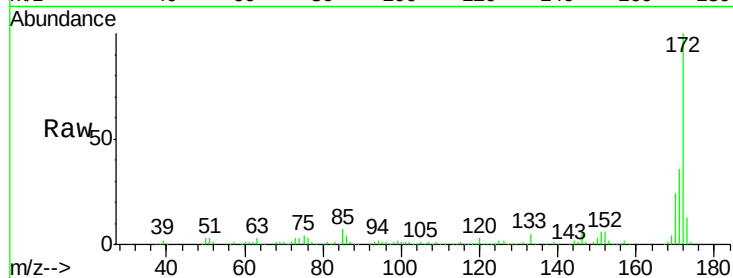




#44
 2-Fluorobiphenyl
 Concen: 69.88 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

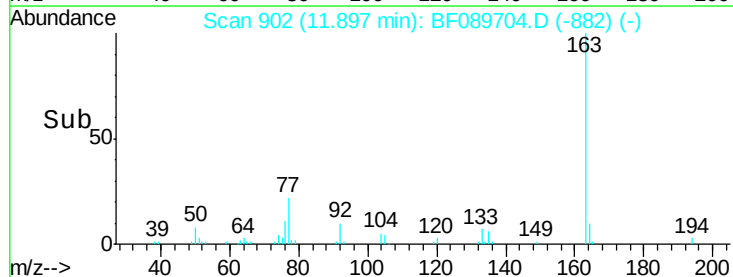
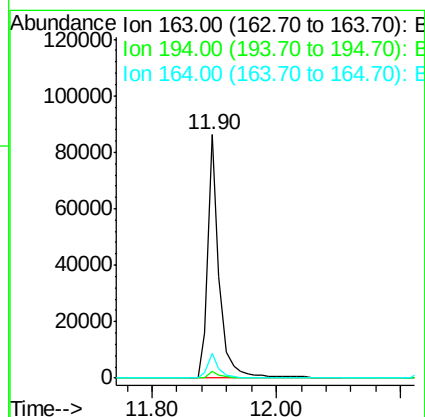
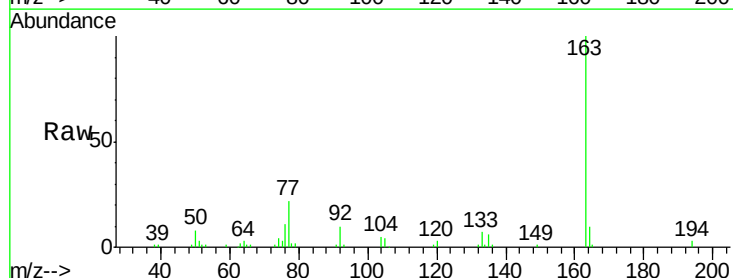
Instrument :
 BNA_F
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 42-A-TCL-SEMI-PEST-TAL

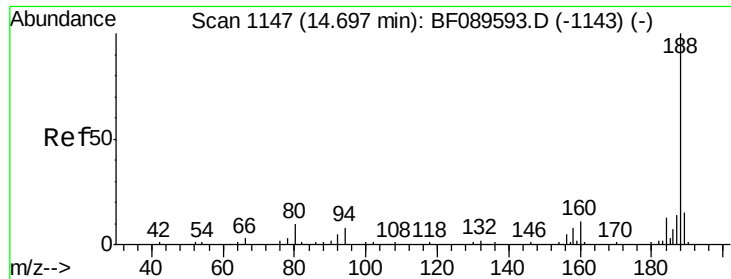
Tgt Ion:172 Resp: 526907
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.6 19.0 28.6



#49
 Dimethylphthalate
 Concen: 14.42 ng
 RT: 11.90 min Scan# 902
 Delta R.T. -0.07 min
 Lab File: BF089704.D
 Acq: 10 Aug 2016 19:38

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

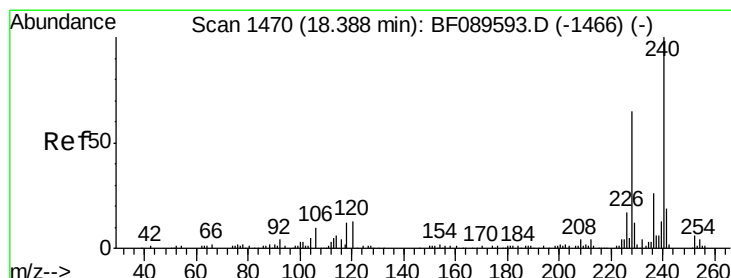
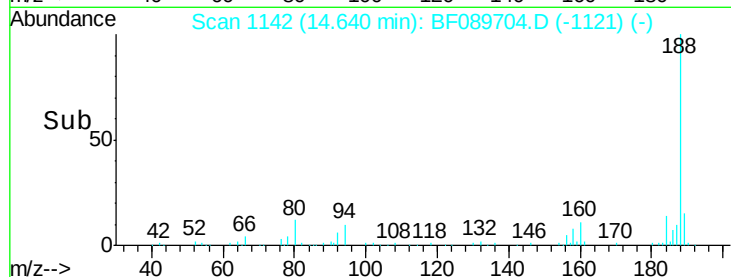
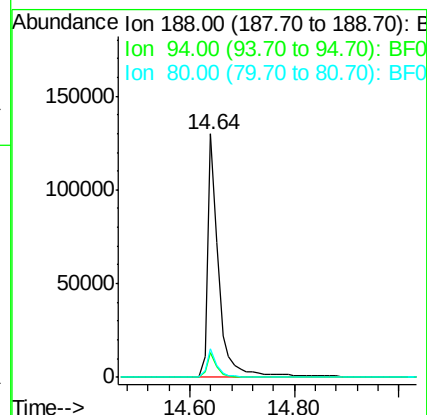
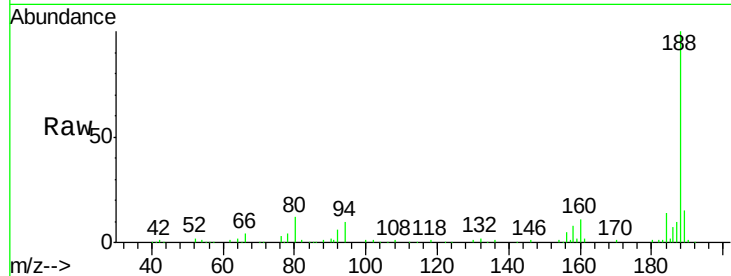




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1142
Delta R.T. -0.06 min
Lab File: BF089704.D
Acq: 10 Aug 2016 19:38

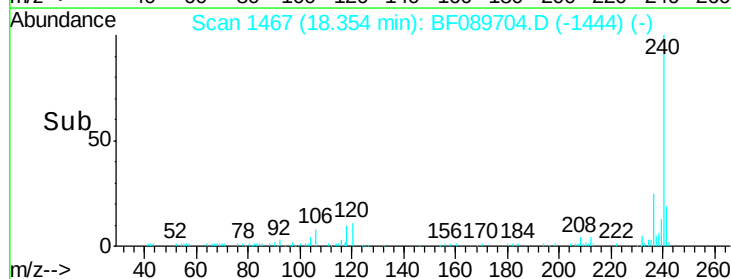
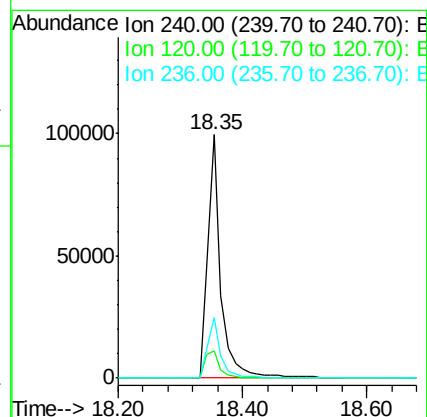
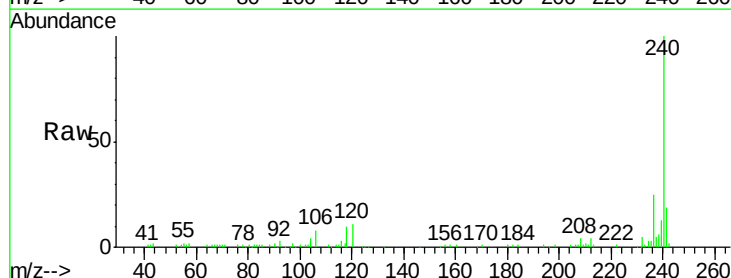
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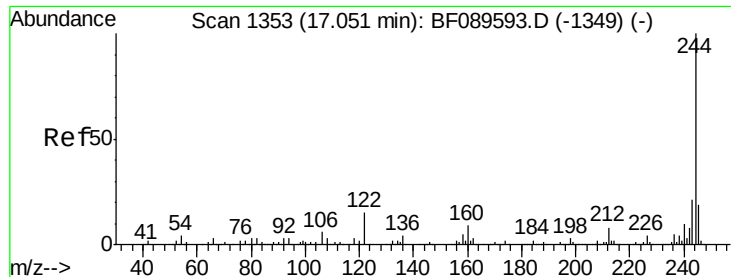
Tgt Ion:188 Resp: 191768
Ion Ratio Lower Upper
188 100
94 10.0 6.5 9.7#
80 11.8 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.03 min
Lab File: BF089704.D
Acq: 10 Aug 2016 19:38

Tgt Ion:240 Resp: 145223
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. -0.03 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TAL

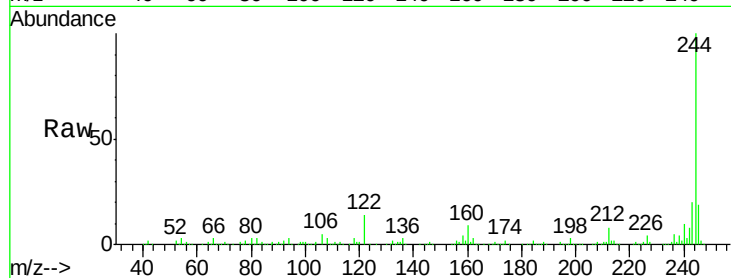
Tgt Ion:244 Resp: 467692

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

122 14.0 12.2 18.2

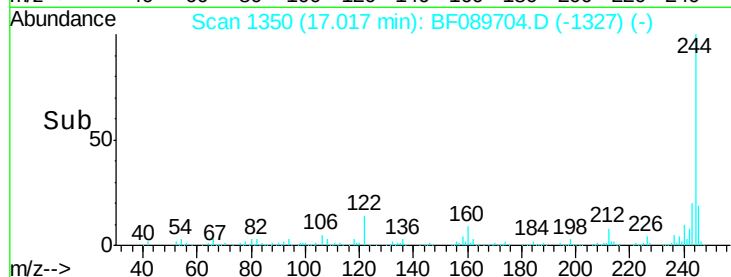


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

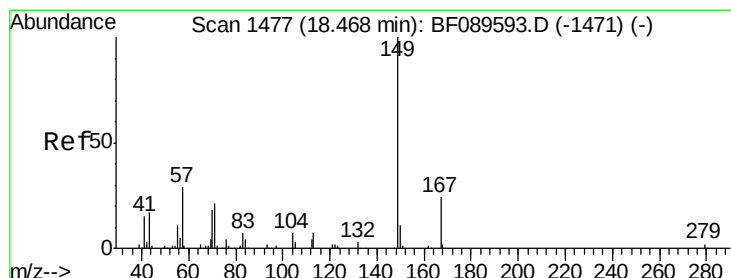
Ion 122.00 (121.70 to 122.70): E

Time-->



17.02

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 55.25 ng

RT: 18.43 min Scan# 1474

Delta R.T. -0.03 min

Lab File: BF089704.D

Acq: 10 Aug 2016 19:38

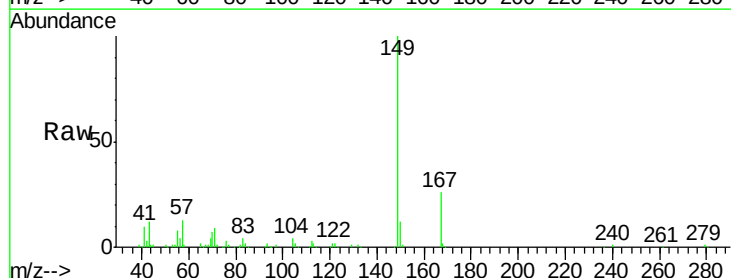
Tgt Ion:149 Resp: 417956

Ion Ratio Lower Upper

149 100

167 25.9 19.0 28.4

279 1.5 1.8 2.6#

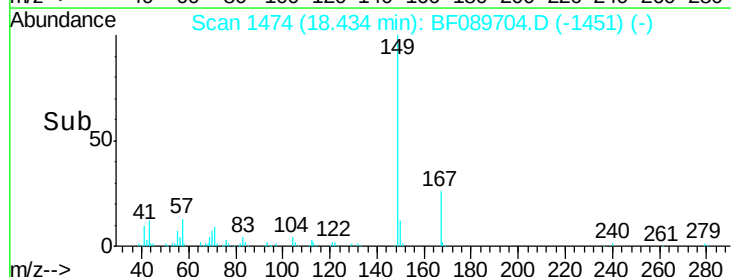


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

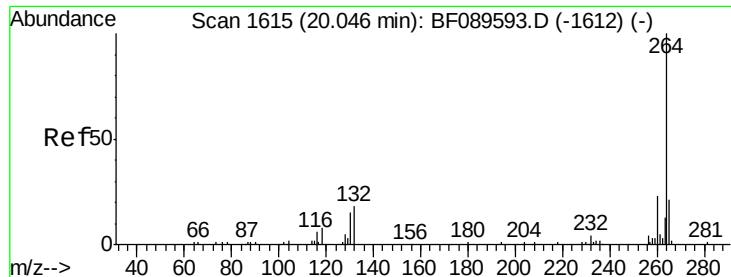
Ion 279.00 (278.70 to 279.70): E

Time-->



18.43

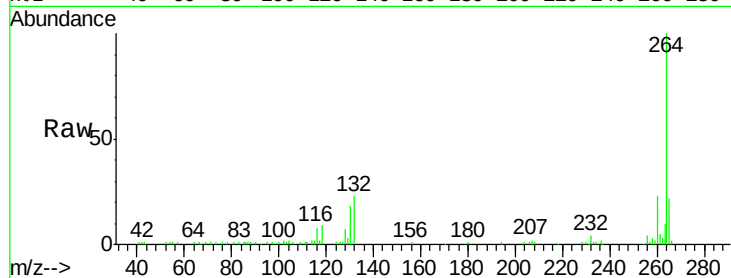
Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 1612
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	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.1	16.5	24.7



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

