

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086136.D
 Acq On : 7 Apr 2016 18:09
 Operator : UM/SJ
 Sample : PB89612BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BL

Quant Time: Apr 08 01:41:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

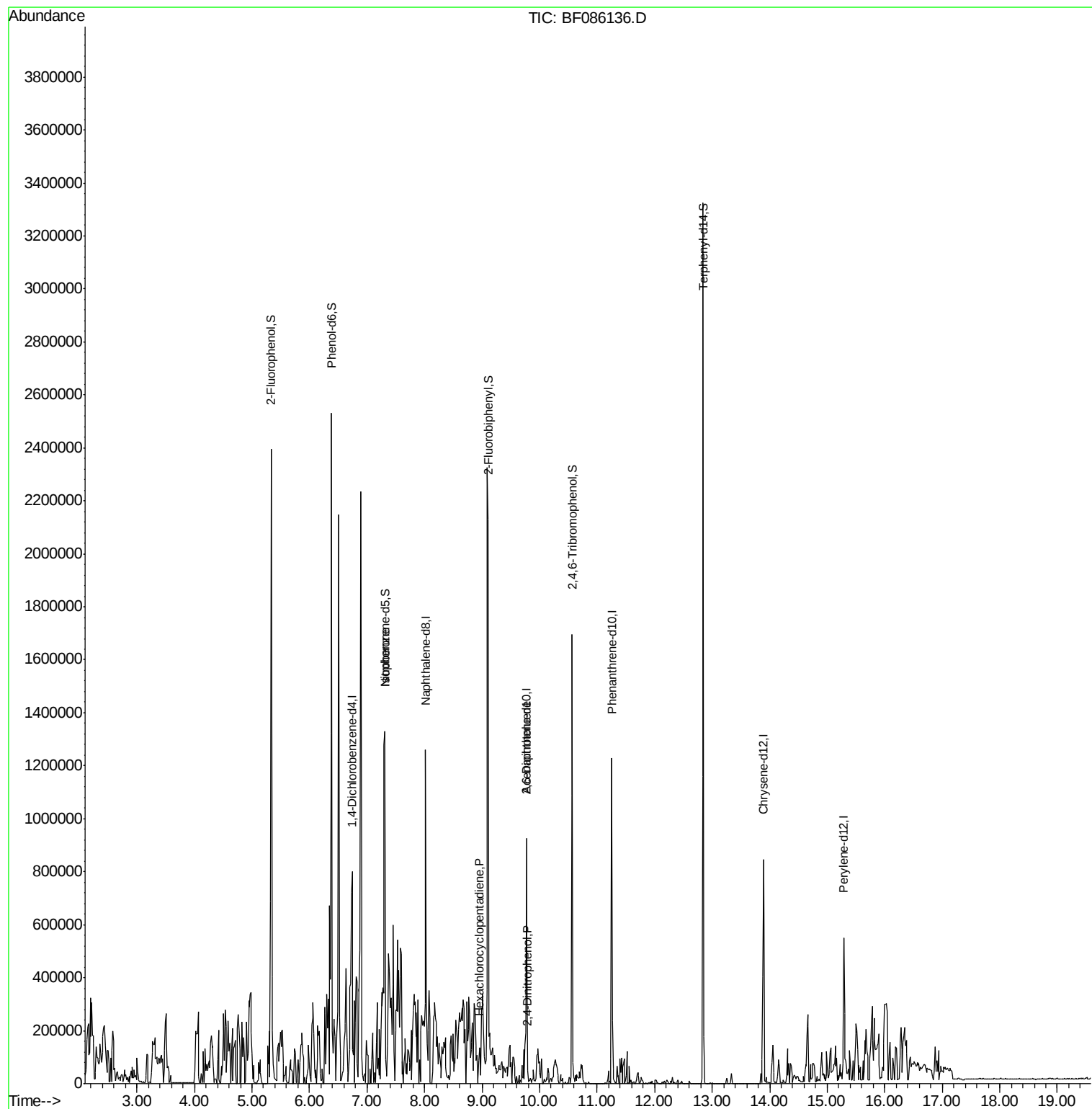
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	115091	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	459345	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	209534	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	421288	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	314401	20.00	ng	-0.03
86) Perylene-d12	15.29	264	215993	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	783785	116.41	ng	-0.03
7) Phenol-d6	6.38	99	1024835	119.83	ng	-0.03
23) Nitrobenzene-d5	7.31	82	648914	83.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	289402	147.15	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1108480	87.96	ng	-0.03
78) Terphenyl-d14	12.84	244	1071260	80.09	ng	-0.03
Target Compounds						
25) Isophorone	7.31	82	631050	41.04	ng	# 68
40) Hexachlorocyclopentadiene	8.94	237	903	5.92	ng	91
50) 2,6-Dinitrotoluene	9.77	165	26990	8.21	ng	# 19
53) 2,4-Dinitrophenol	9.79	184	210	2.10	ng	# 52

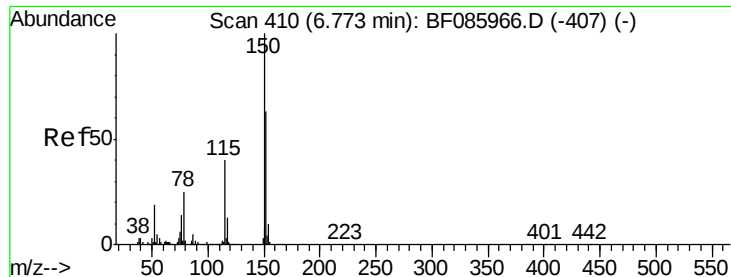
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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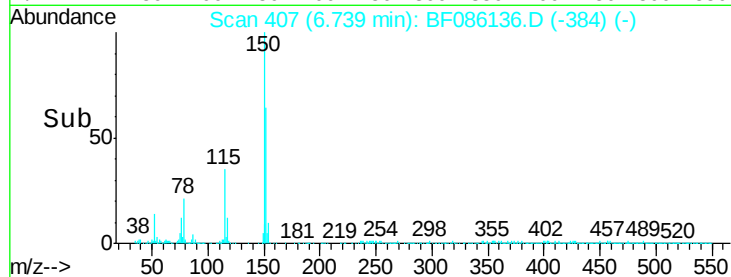
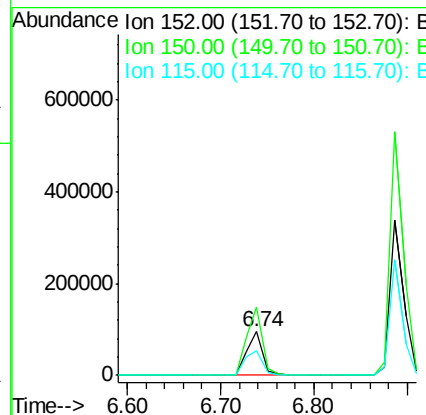
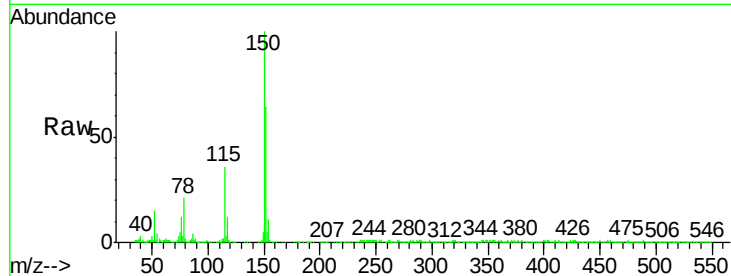


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086136.D
Acq: 7 Apr 2016 18:09

Instrument :
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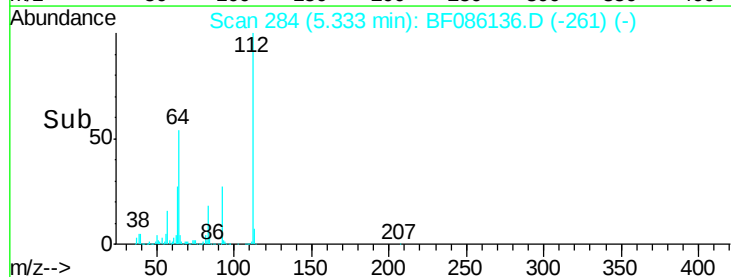
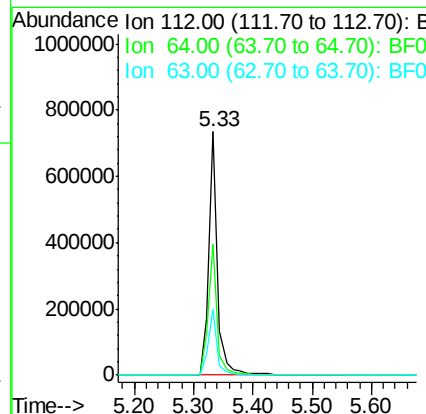
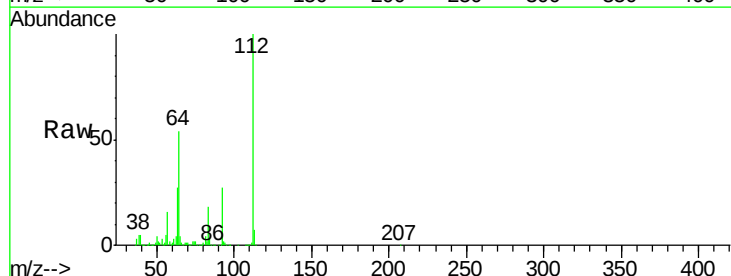
Tgt Ion:152 Resp: 115091
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.2
115 55.9 47.0 70.6

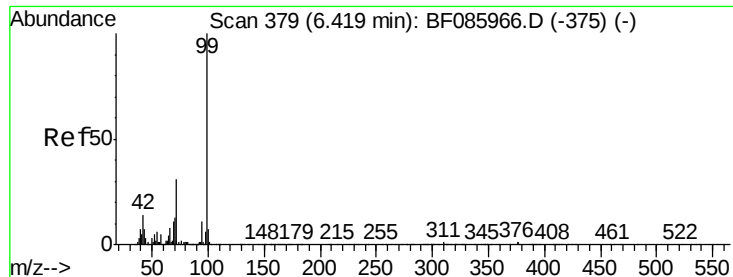


#5

2-Fluorophenol
Concen: 116.41 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086136.D
Acq: 7 Apr 2016 18:09

Tgt Ion:112 Resp: 783785
Ion Ratio Lower Upper
112 100
64 53.6 39.9 59.9
63 27.1 20.2 30.2





#7

Phenol-d6

Concen: 119.83 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB89612BL

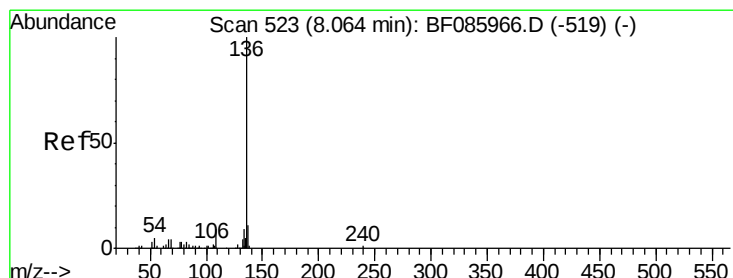
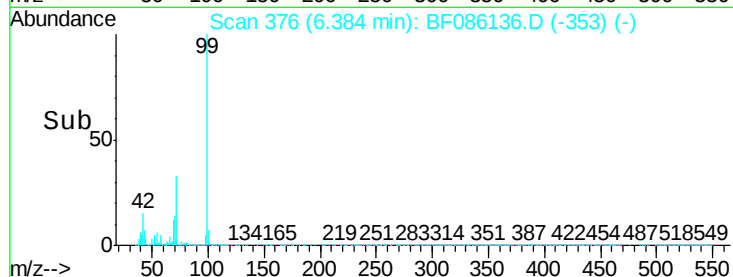
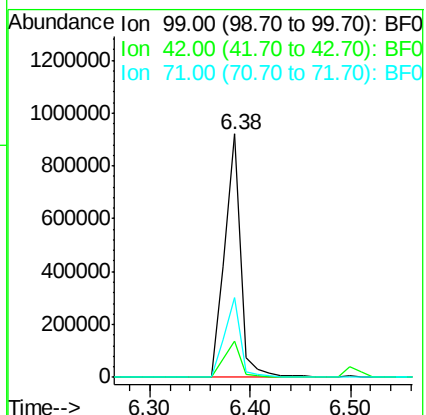
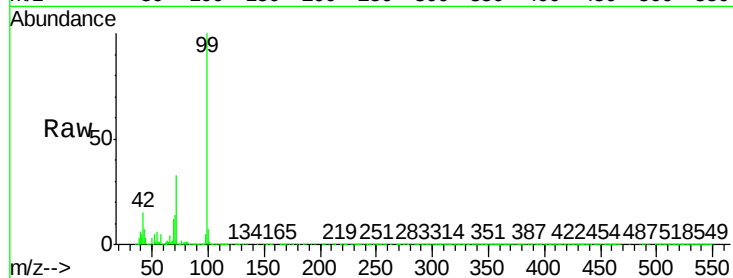
Tgt Ion: 99 Resp: 1024835

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

71 32.9 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

Tgt Ion: 136 Resp: 459345

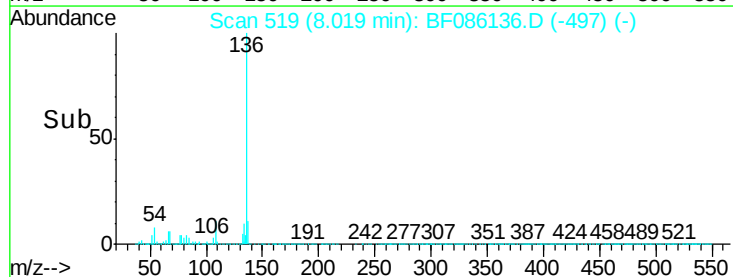
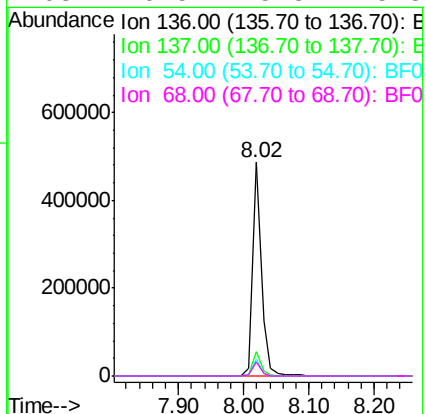
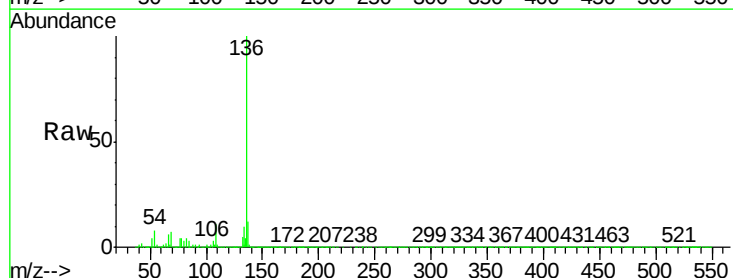
Ion Ratio Lower Upper

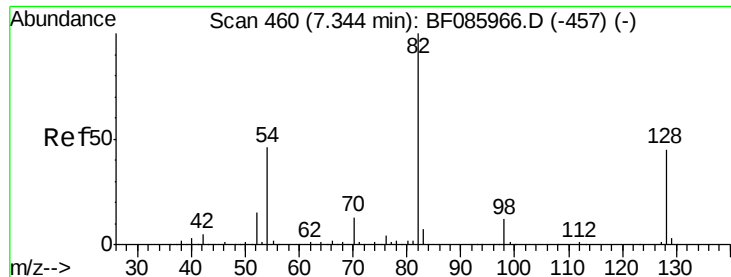
136 100

137 11.5 9.1 13.7

54 7.7 7.4 11.0

68 6.5 5.8 8.8

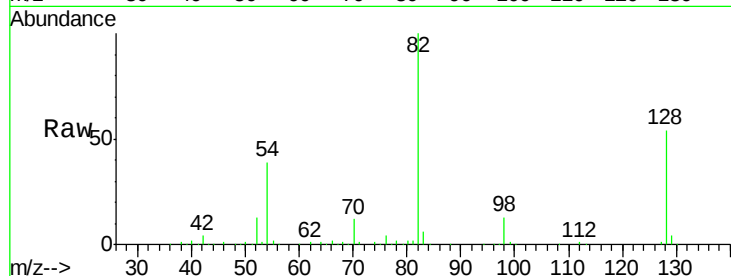




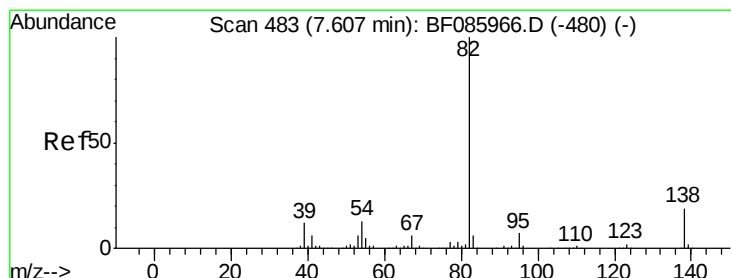
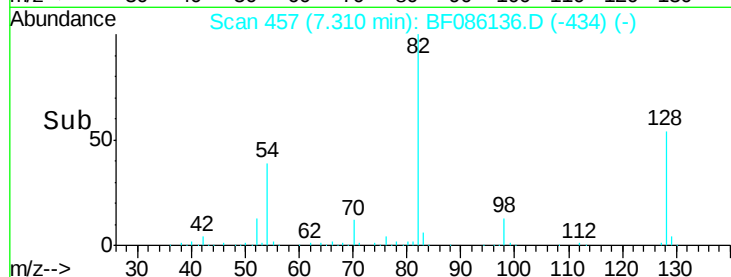
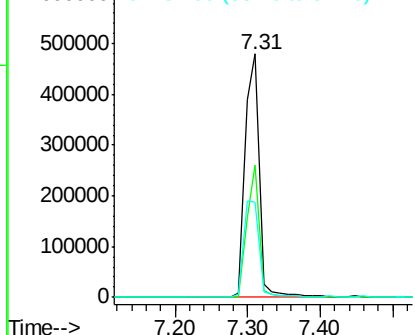
#23
 Nitrobenzene-d5
 Concen: 83.31 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleID :
 PB89612BL

Tgt Ion: 82 Resp: 648914
 Ion Ratio Lower Upper
 82 100
 128 54.3 41.8 62.8
 54 39.2 33.4 50.0

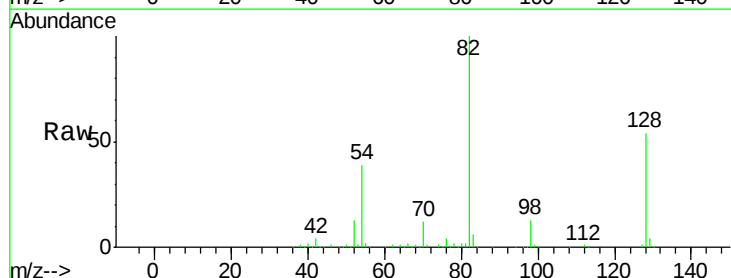


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

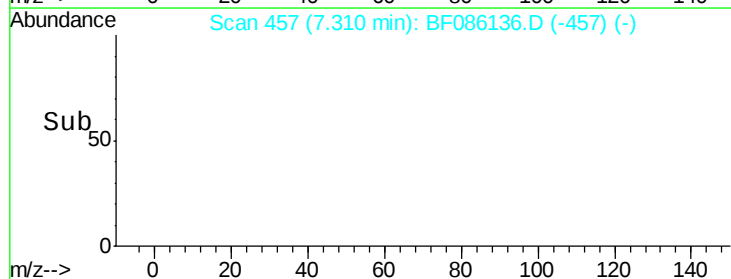
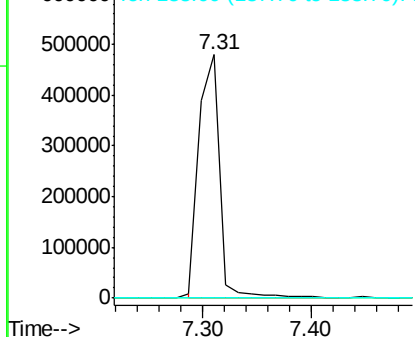


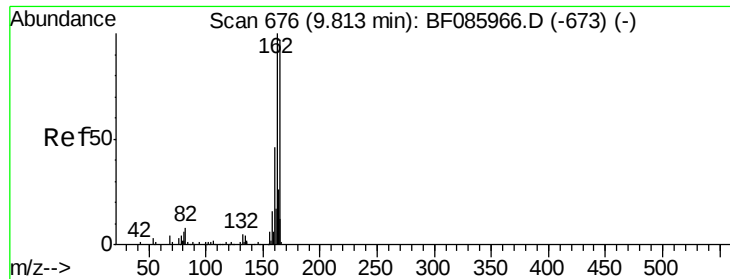
#25
 Isophorone
 Concen: 41.04 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.30 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Tgt Ion: 82 Resp: 631050
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

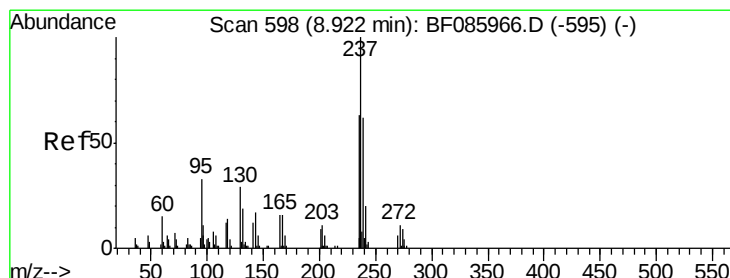
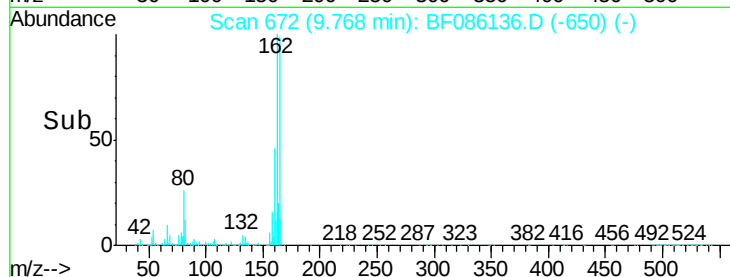
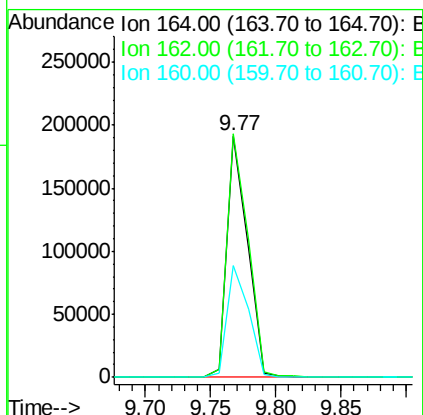
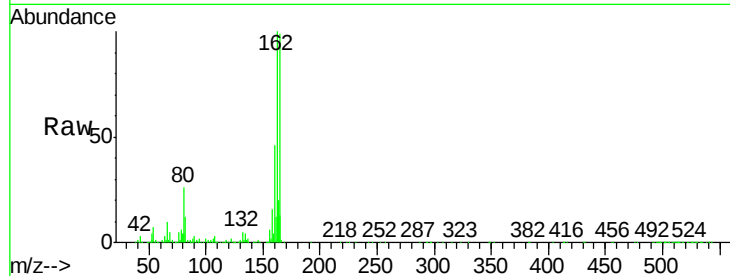




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086136.D
Acq: 7 Apr 2016 18:09

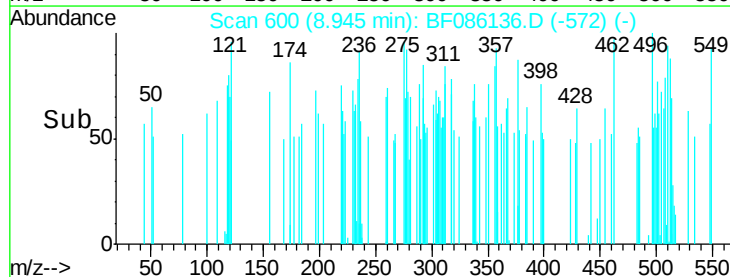
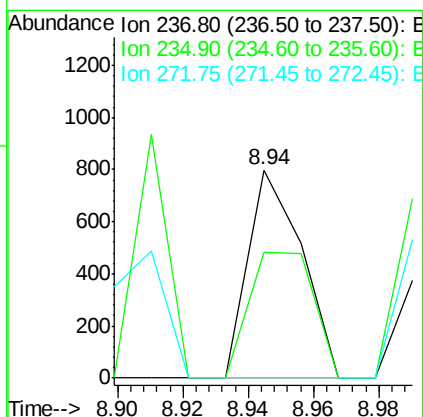
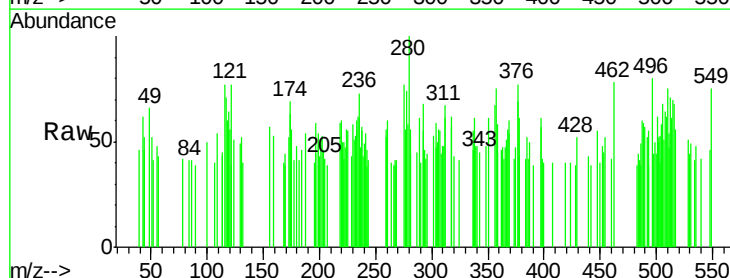
Instrument :
BNA_F
ClientSampleId :
PB89612BL

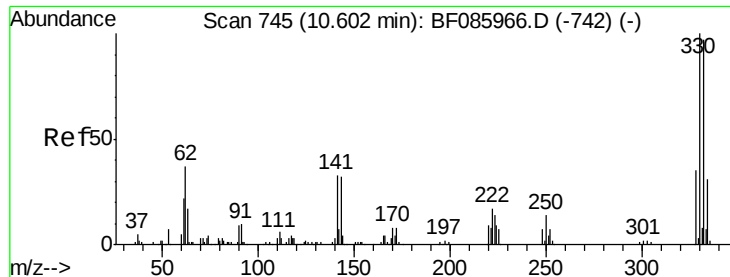
Tgt Ion:164 Resp: 209534
Ion Ratio Lower Upper
164 100
162 101.0 82.1 123.1
160 46.2 37.4 56.2



#40
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 8.94 min Scan# 600
Delta R.T. 0.02 min
Lab File: BF086136.D
Acq: 7 Apr 2016 18:09

Tgt Ion:237 Resp: 903
Ion Ratio Lower Upper
237 100
235 60.2 43.7 83.7
272 0.0 0.0 31.9

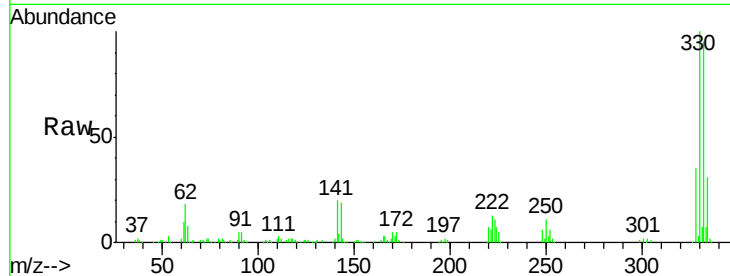




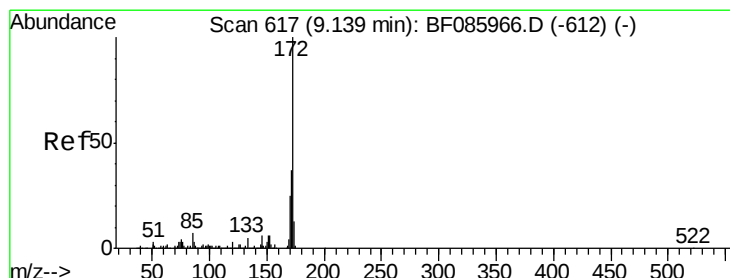
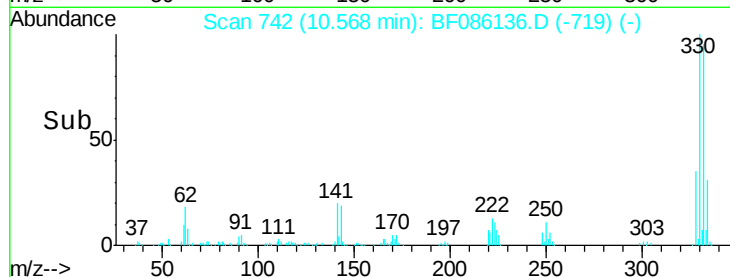
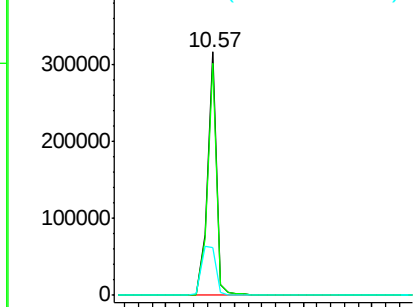
#41
 2,4,6-Tribromophenol
 Concen: 147.15 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BL

Tgt Ion:330 Resp: 289402
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.2 117.2
 141 32.0 31.5 47.3

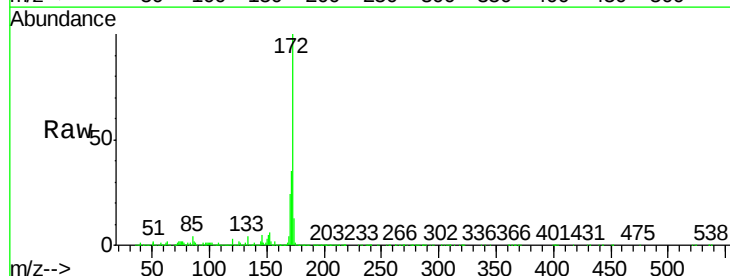


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

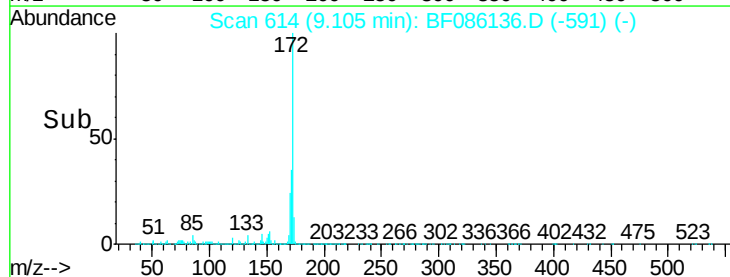
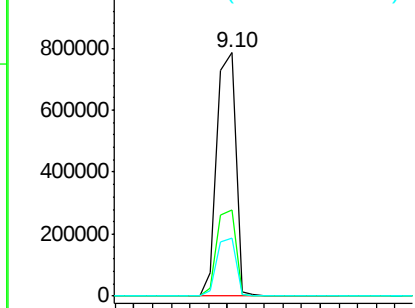


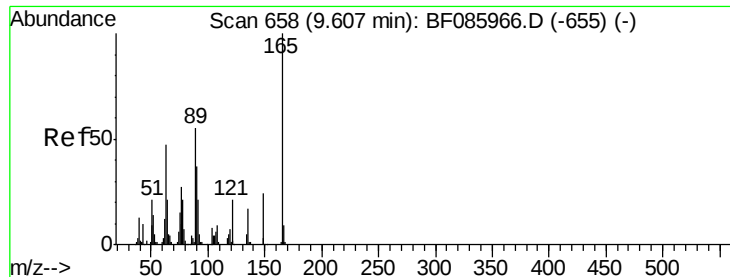
#44
 2-Fluorobiphenyl
 Concen: 87.96 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Tgt Ion:172 Resp: 1108480
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.2
 170 23.9 19.8 29.6



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

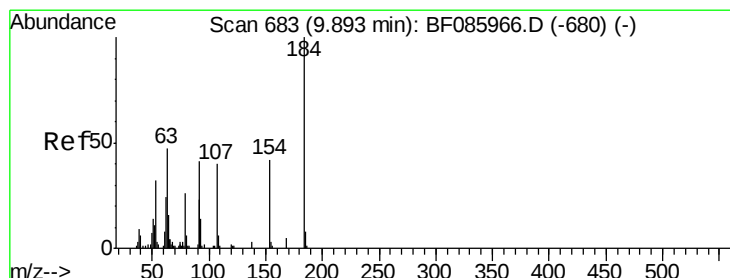
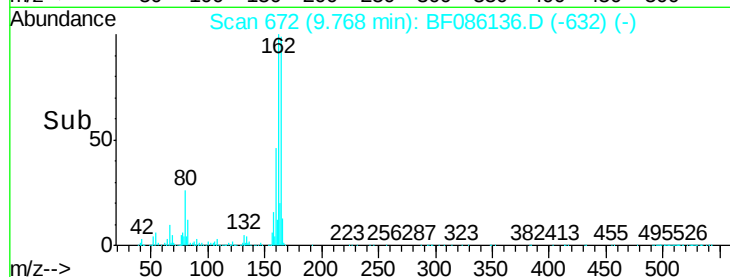
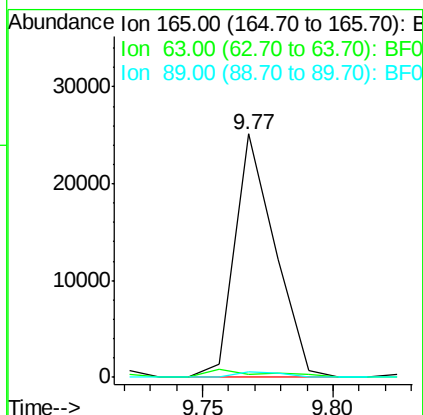
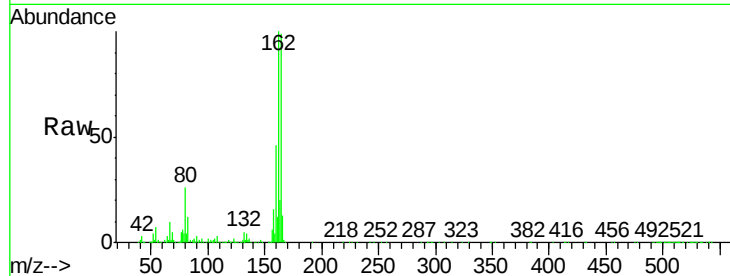




#50
 2,6-Dinitrotoluene
 Concen: 8.21 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

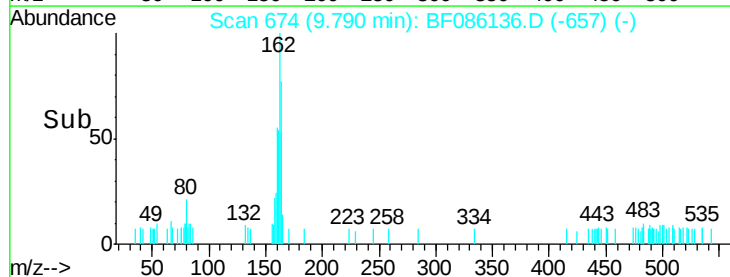
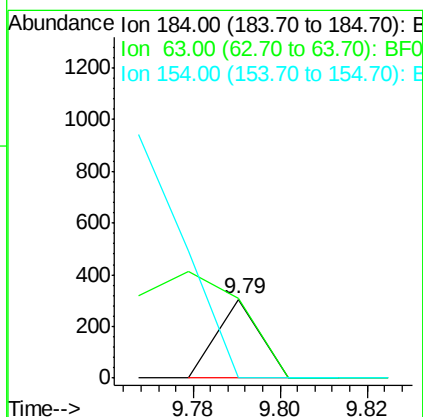
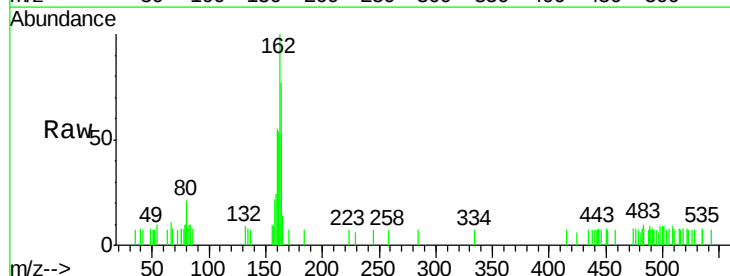
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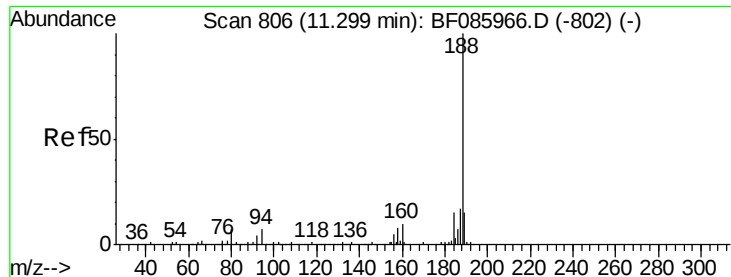
Tgt Ion:165 Resp: 26990
 Ion Ratio Lower Upper
 165 100
 63 1.3 51.8 77.8#
 89 2.2 53.7 80.5#



#53
 2,4-Dinitrophenol
 Concen: 2.10 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Tgt Ion:184 Resp: 210
 Ion Ratio Lower Upper
 184 100
 63 101.3 69.5 104.3
 154 0.0 58.3 87.5#

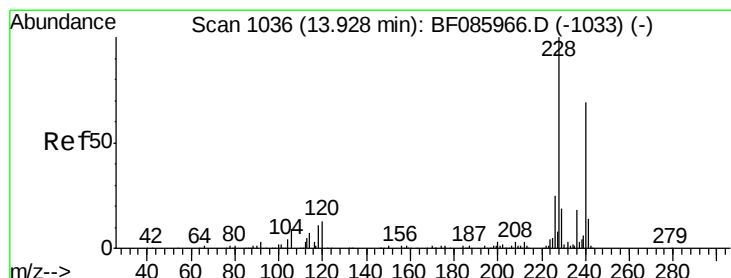
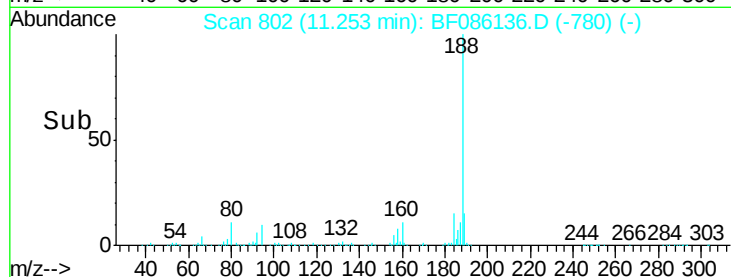
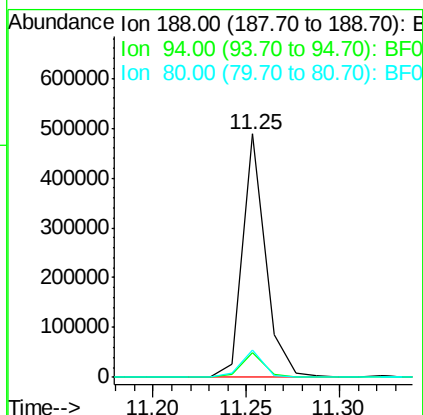
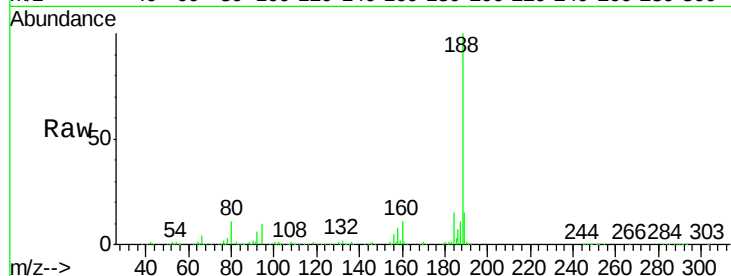




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086136.D
Acq: 7 Apr 2016 18:09

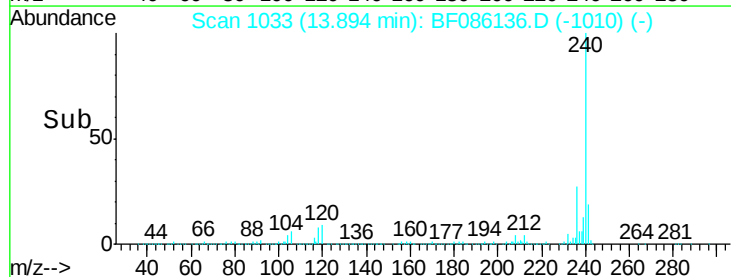
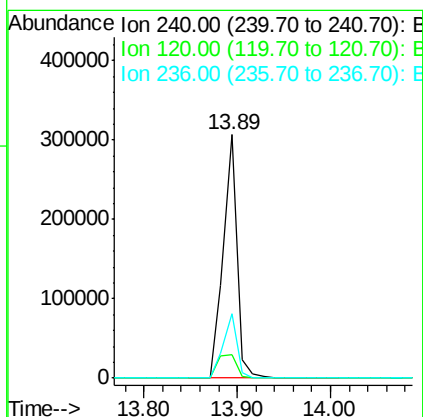
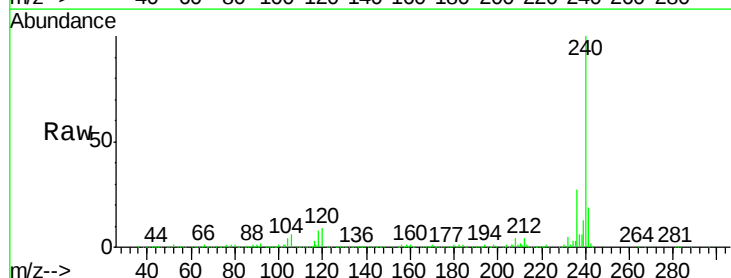
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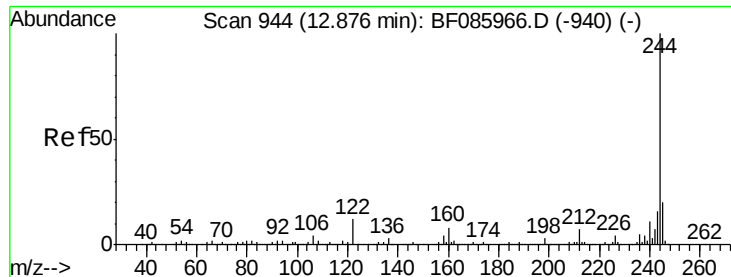
Tgt Ion:188 Resp: 421288
Ion Ratio Lower Upper
188 100
94 10.3 5.4 8.0#
80 11.3 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086136.D
Acq: 7 Apr 2016 18:09

Tgt Ion:240 Resp: 314401
Ion Ratio Lower Upper
240 100
120 9.5 13.8 20.8#
236 26.6 20.6 30.8

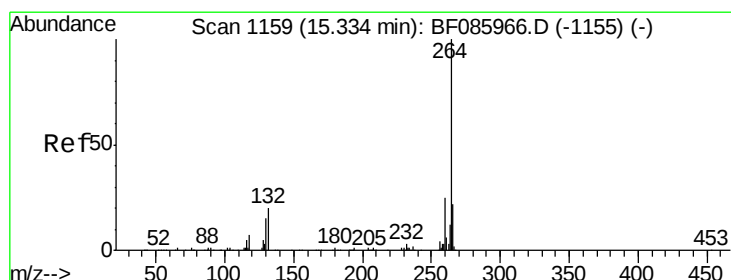
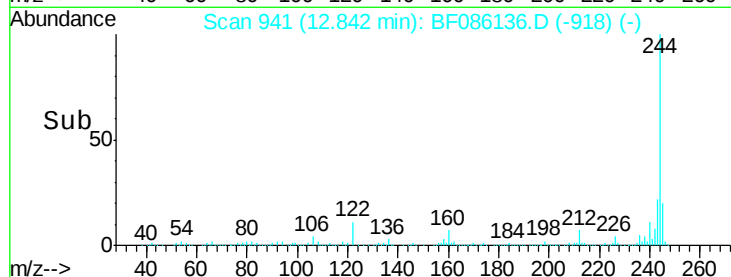
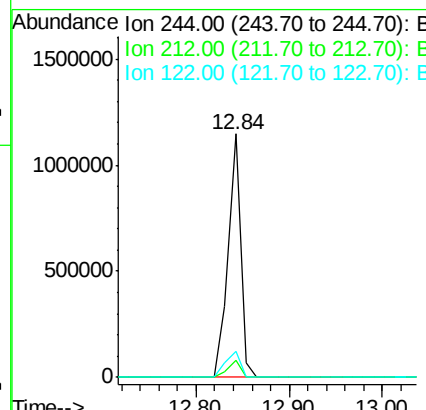
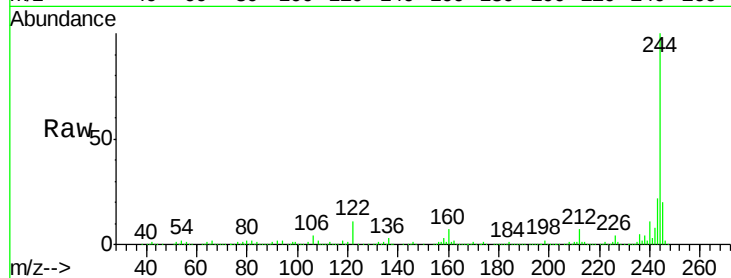




#78
 Terphenyl-d14
 Concen: 80.09 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BL

Tgt Ion:244 Resp: 1071260
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.9 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Tgt Ion:264 Resp: 215993
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.6 17.2 25.8

