

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084571.D
 Acq On : 20 Jan 2016 18:18
 Operator : SJ/UM
 Sample : H1177-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9887

Quant Time: Jan 20 22:41:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

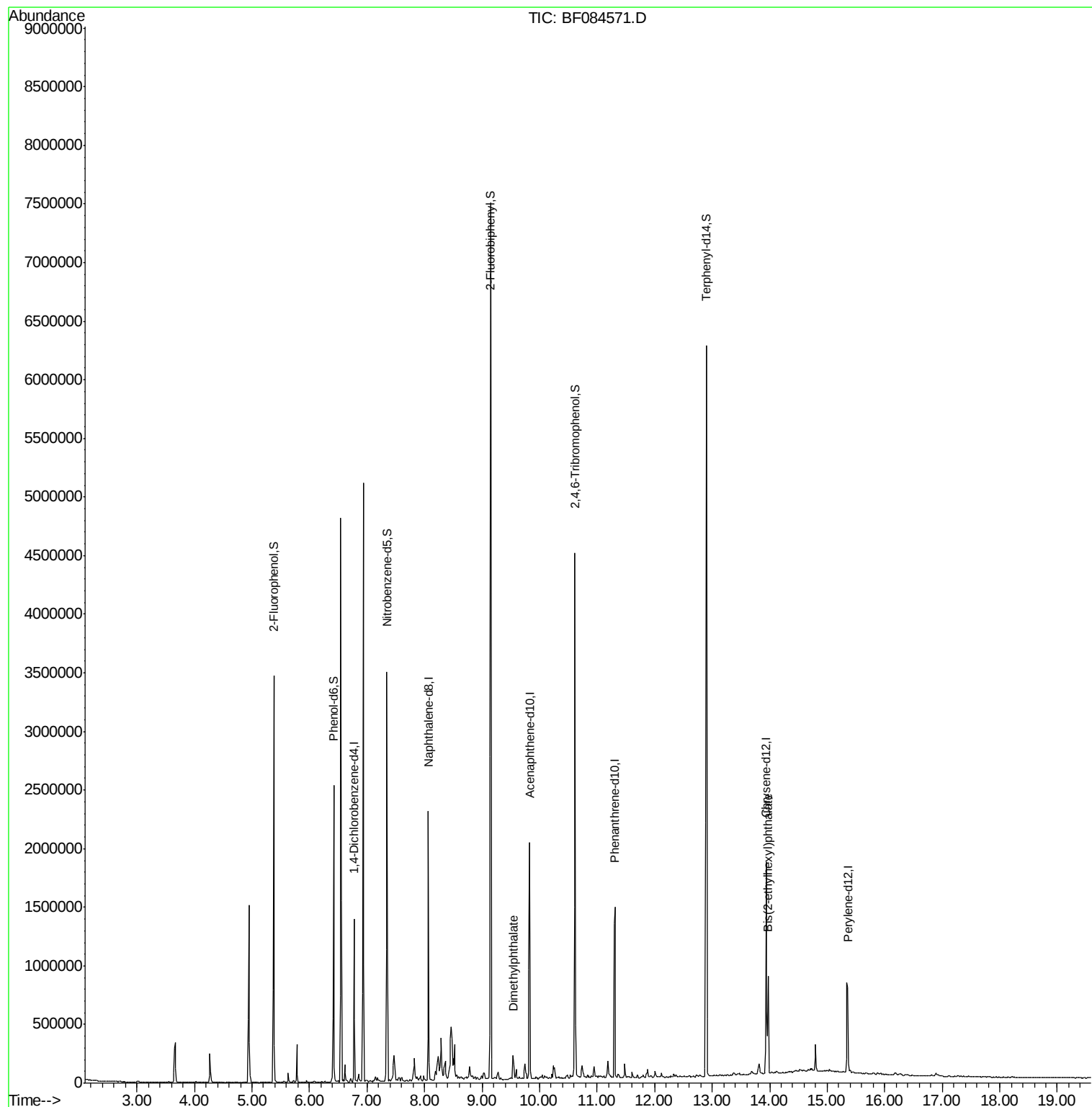
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	216964	20.00	ng	-0.06
21) Naphthalene-d8	8.06	136	945818	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	446781	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	768601	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	577415	20.00	ng	-0.06
86) Perylene-d12	15.36	264	434534	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	882799	65.81	ng	-0.06
7) Phenol-d6	6.42	99	733484	43.54	ng	-0.06
23) Nitrobenzene-d5	7.34	82	1310307	77.10	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	515075	114.19	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2318315	91.79	ng	-0.05
78) Terphenyl-d14	12.90	244	1931281	74.66	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.54	163	99927	3.13	ng	# 89
83) Bis(2-ethylhexyl)phthalate	13.97	149	375045	15.14	ng	# 95

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

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Quant Time: Jan 20 22:41:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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QLast Update : Thu Jan 14 14:15:52 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

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ClientSampleId :

LAR9887

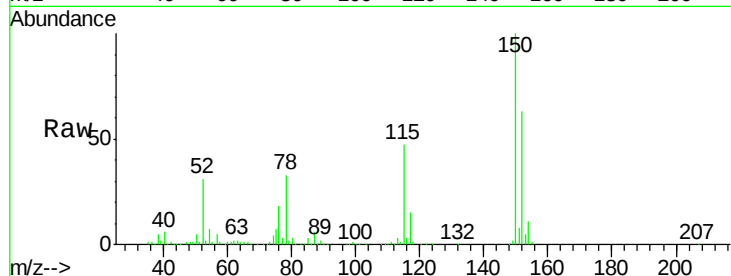
Tot Ion:152 Resp: 216964

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

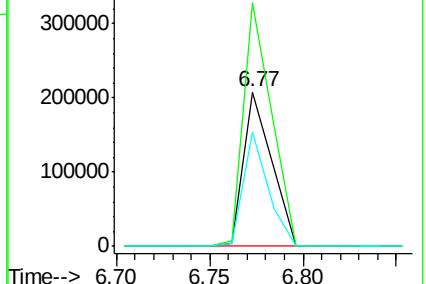
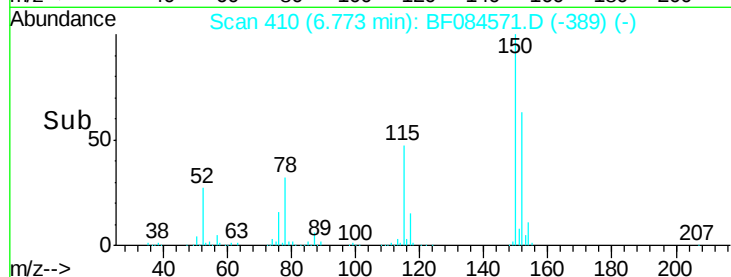
115 74.1 51.4 77.2



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: 65.81 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

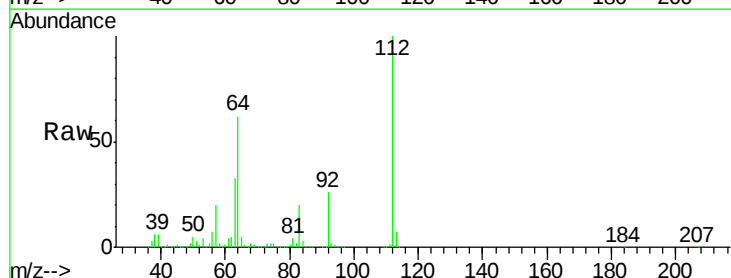
Tgt Ion:112 Resp: 882799

Ion Ratio Lower Upper

112 100

64 61.8 36.6 55.0#

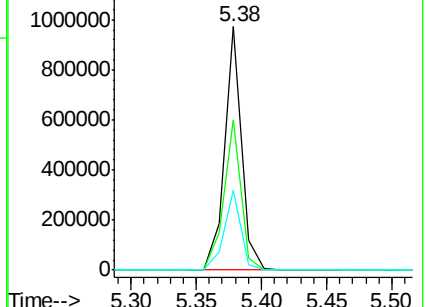
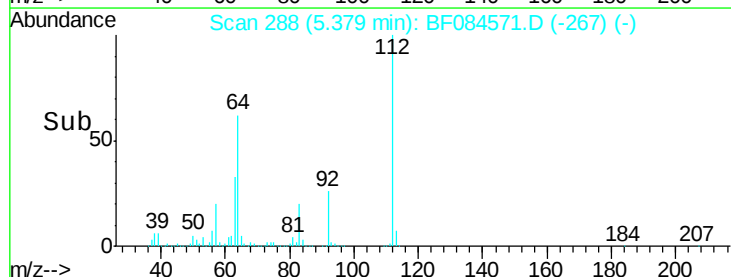
63 32.6 19.4 29.0#



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: 43.54 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Instrument :

BNA_F

ClientSampleId :

LAR9887

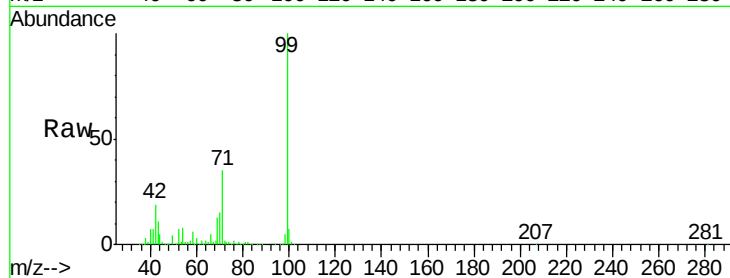
Tot Ion: 99 Resp: 733484

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

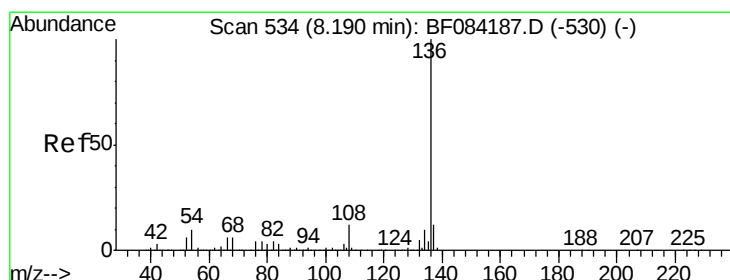
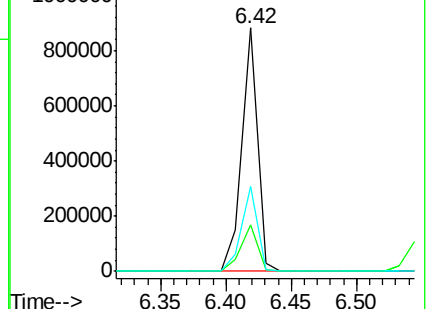
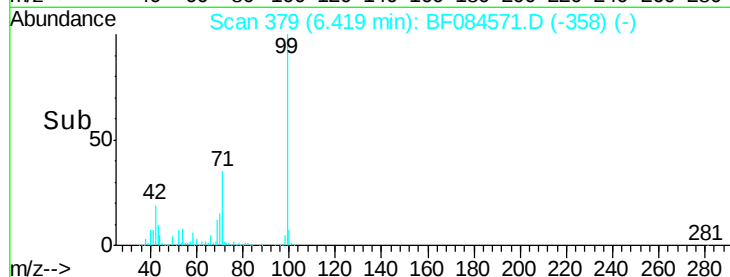
71 34.8 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Tgt Ion: 136 Resp: 945818

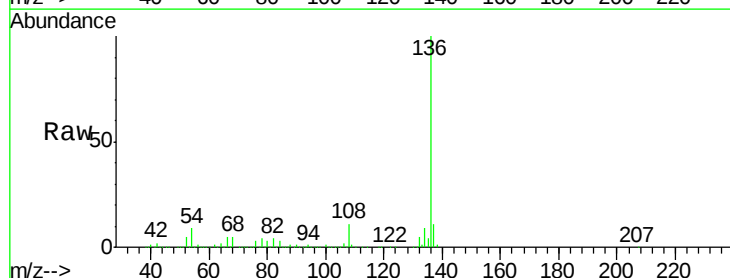
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.9 5.8 8.8#

68 5.2 4.2 6.2

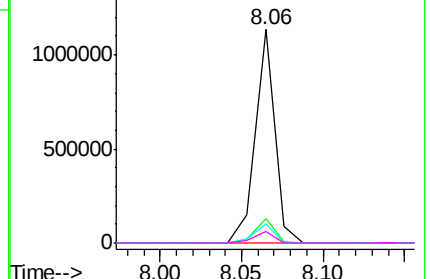
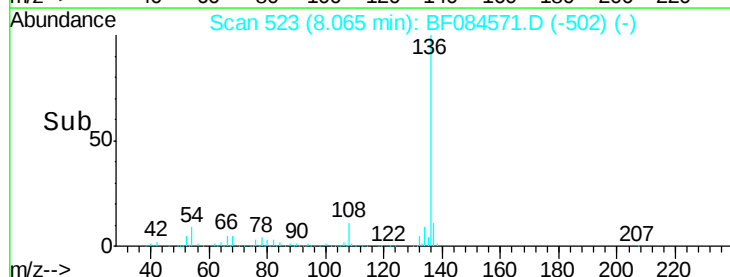


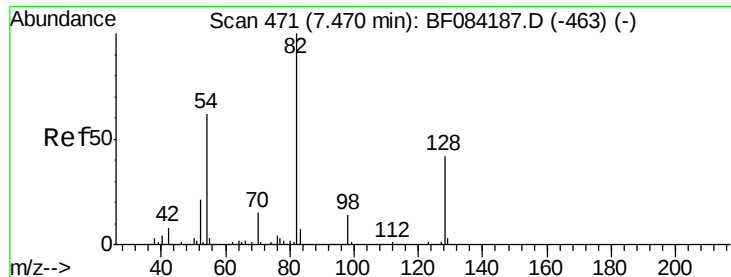
Abundance Ion 136.00 (135.70 to 136.70): E

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

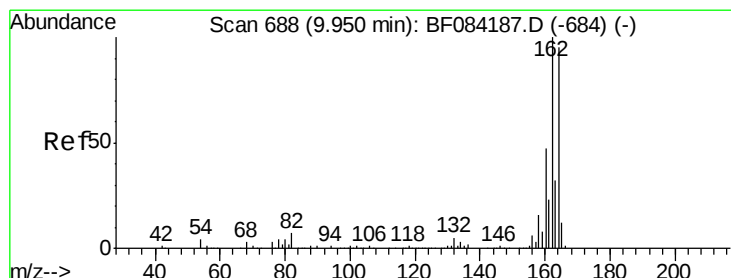
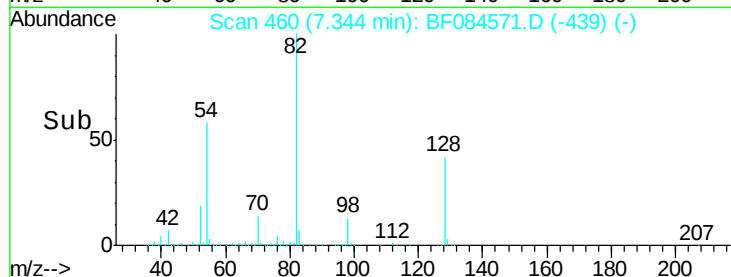
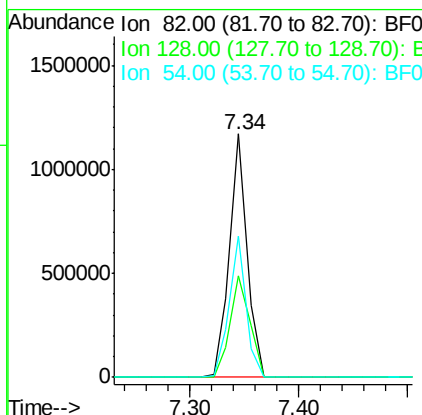
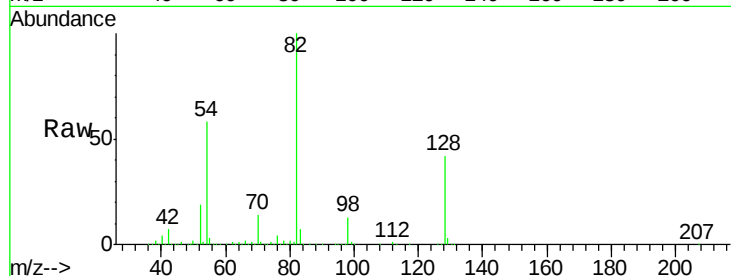




#23
 Nitrobenzene-d5
 Concen: 77.10 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.06 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

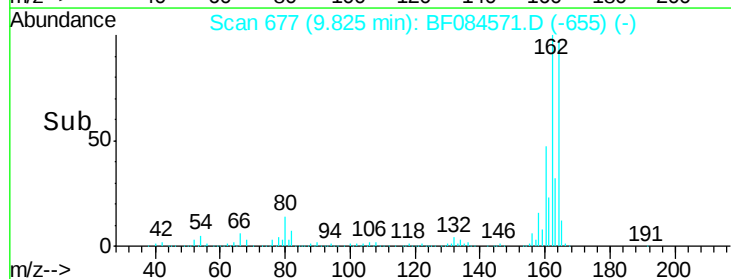
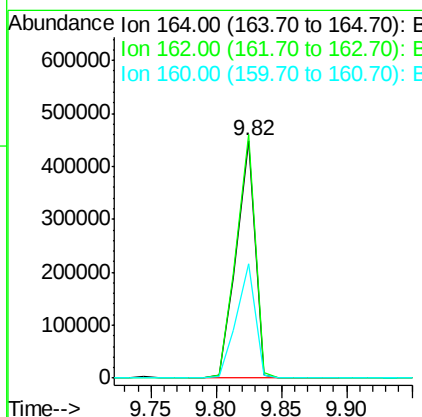
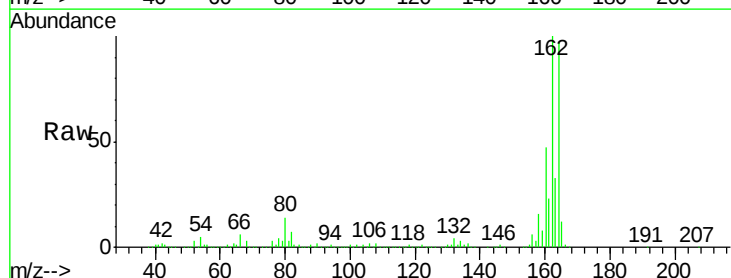
Instrument :
 BNA_F
 ClientSampleId :
 LAR9887

Tot Ion: 82 Resp: 1310307
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 58.1 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.05 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Tgt Ion:164 Resp: 446781
 Ion Ratio Lower Upper
 164 100
 162 102.6 85.1 127.7
 160 48.1 37.5 56.3

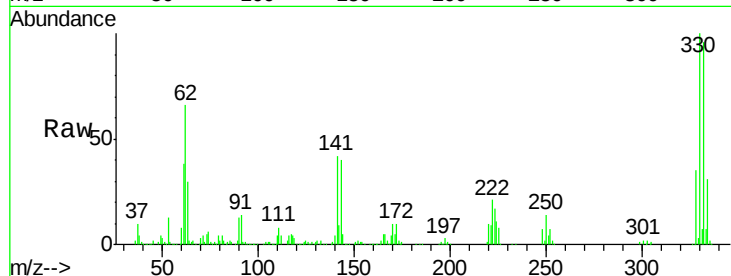




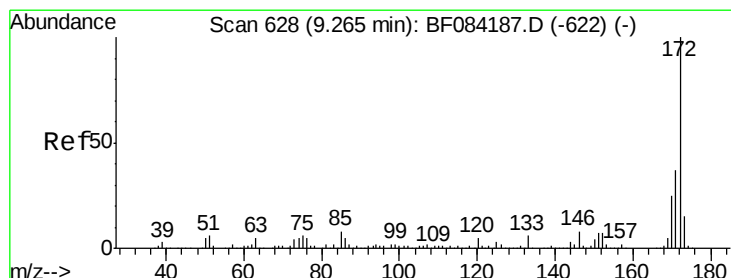
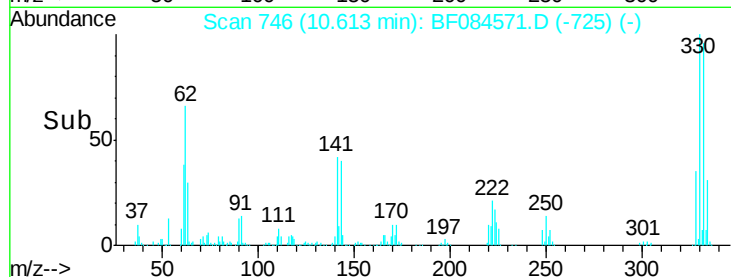
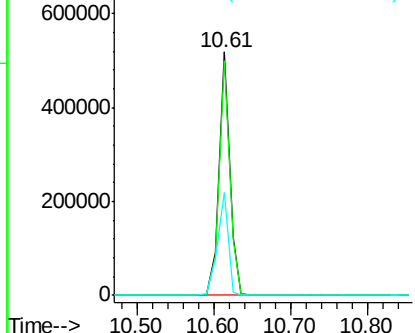
#41
 2,4,6-Tribromophenol
 Concen: 114.19 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.06 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 LAR9887

Tot Ion:330 Resp: 515075
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 41.6 27.8 41.6

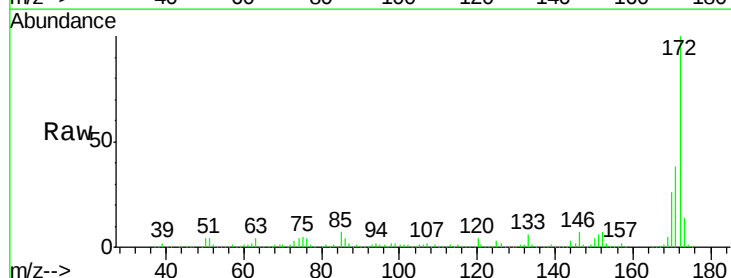


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

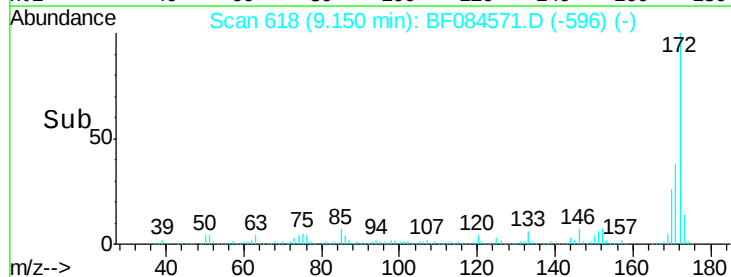
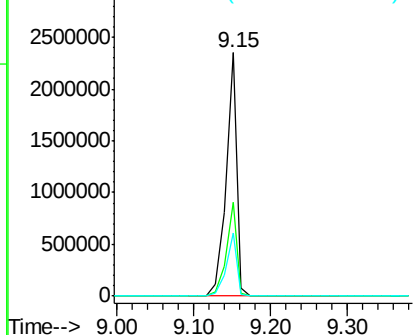


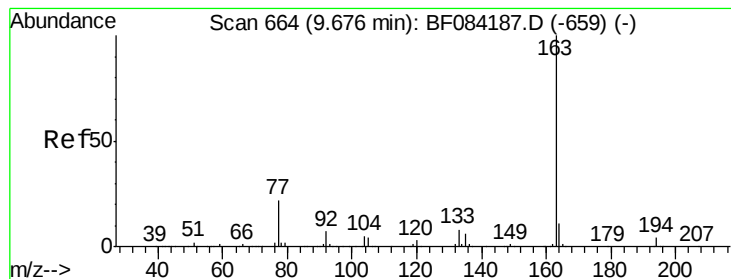
#44
 2-Fluorobiphenyl
 Concen: 91.79 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Tgt Ion:172 Resp: 2318315
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.9 43.3
 170 26.1 18.6 27.8



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: 3.13 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.07 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Instrument :

BNA_F

ClientSampleId :

LAR9887

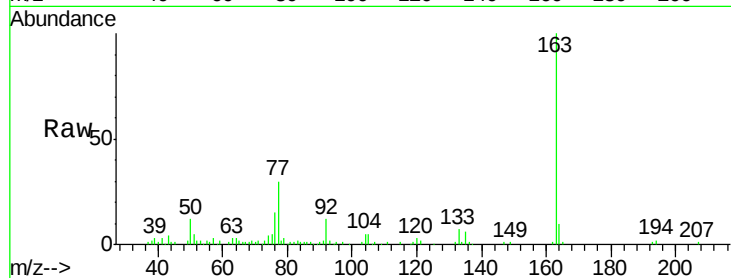
Tot Ion:163 Resp: 99927

Ion Ratio Lower Upper

163 100

194 2.2 8.0 12.0#

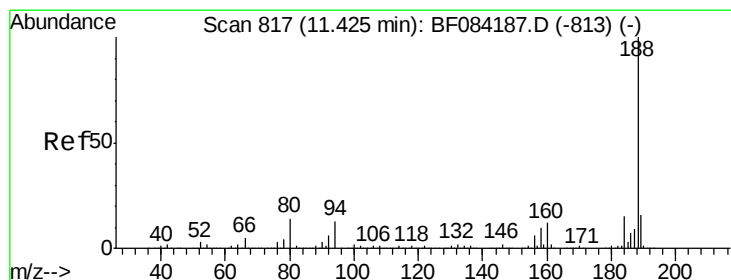
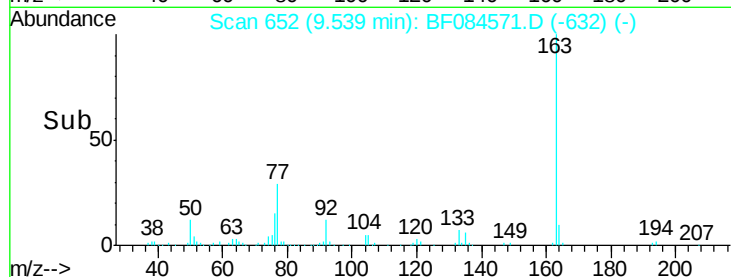
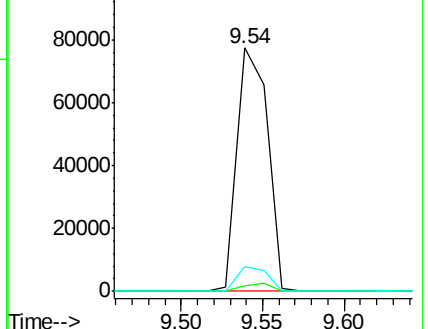
164 10.2 8.0 12.0



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: 11.31 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

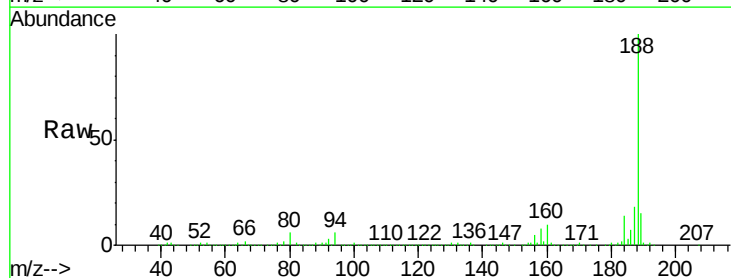
Tgt Ion:188 Resp: 768601

Ion Ratio Lower Upper

188 100

94 5.9 9.0 13.4#

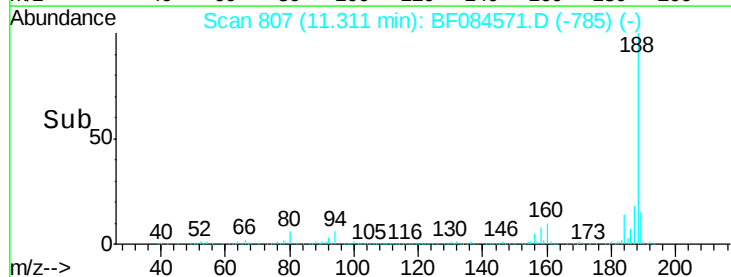
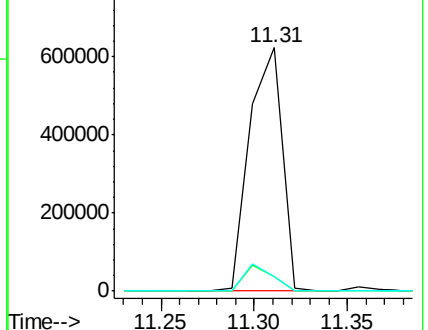
80 6.1 9.6 14.4#

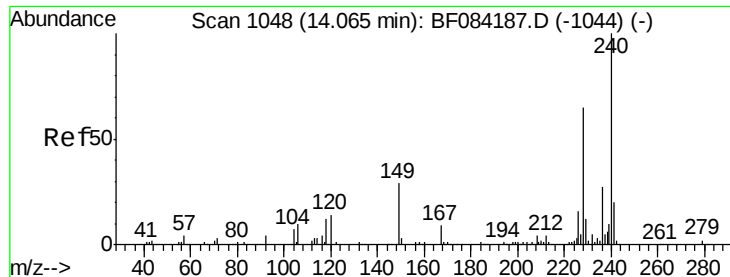


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

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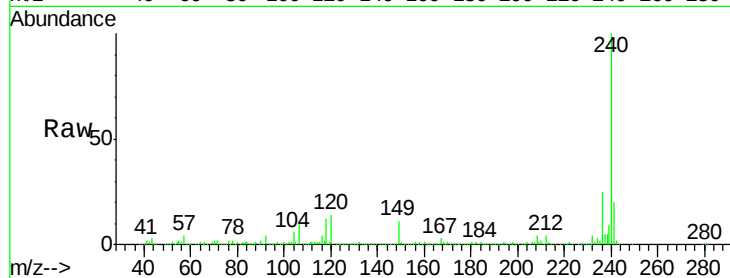
Tot Ion:240 Resp: 577415

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

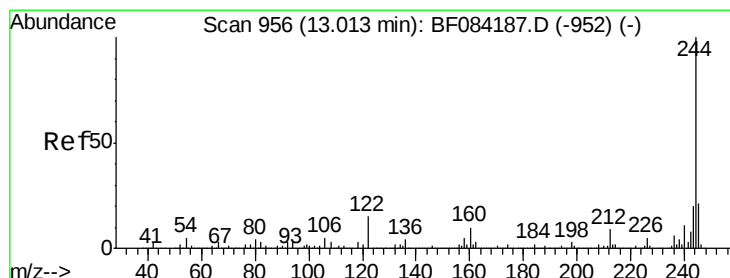
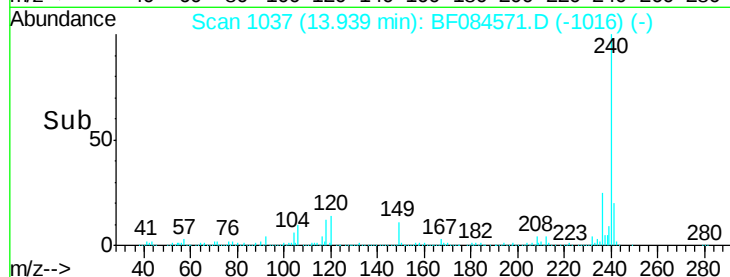
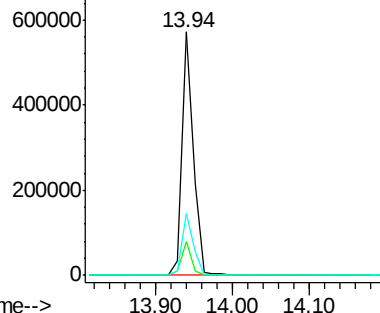
236 25.3 20.6 31.0



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: 74.66 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

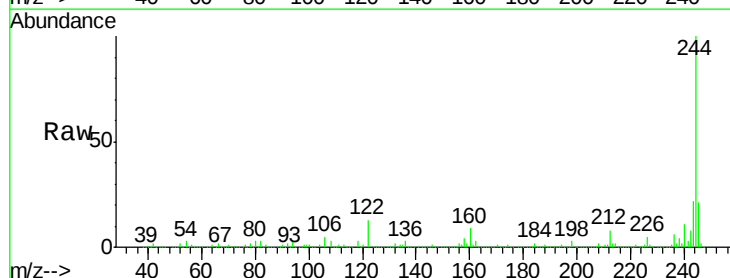
Tgt Ion:244 Resp: 1931281

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

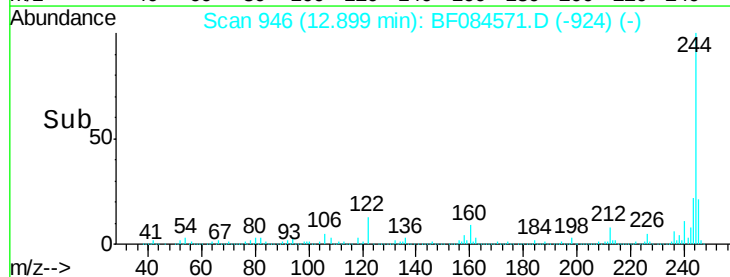
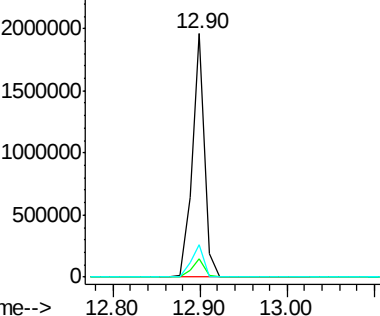
122 13.2 7.4 11.0#

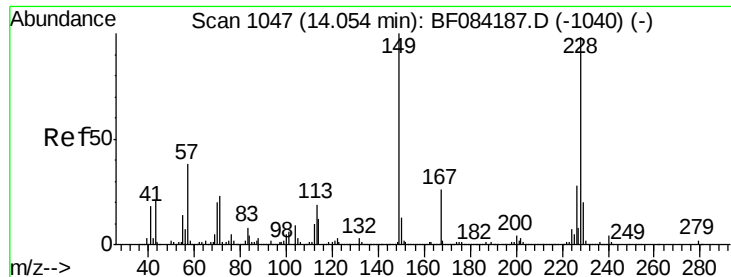


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

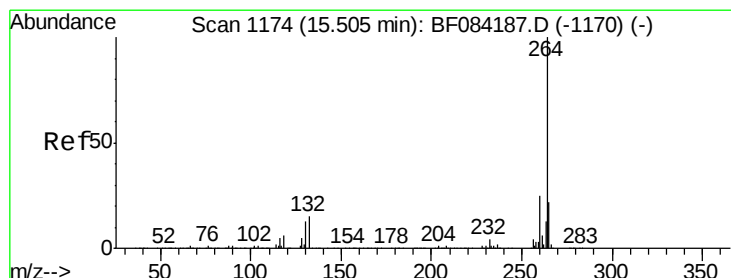
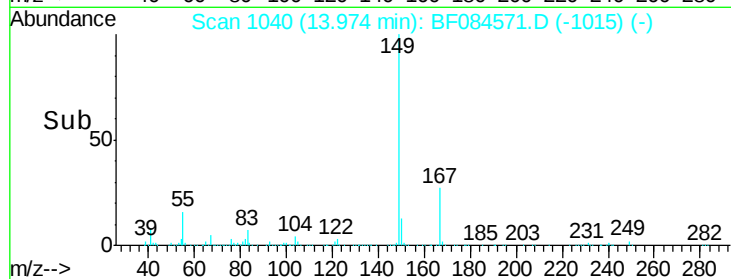
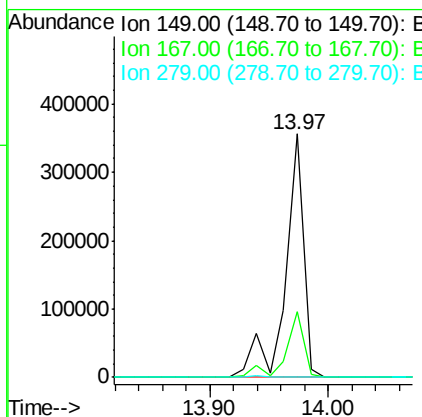
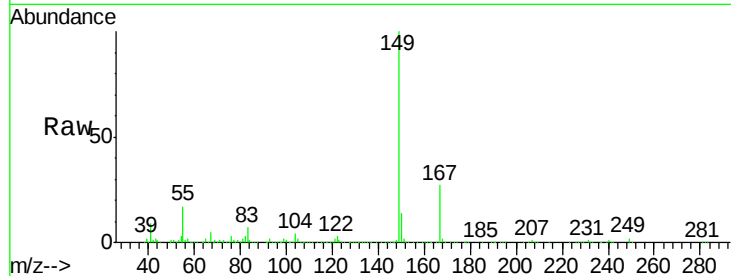




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 15.14 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Instrument :
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Tot	Ion:149	Resp:	375045
Ion	Ratio	Lower	Upper
149	100		
167	26.8	19.7	29.5
279	0.0	1.8	2.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Tgt	Ion:264	Resp:	434534
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	20.7	17.8	26.6

