

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
 Data File : BF077409.D
 Acq On : 23 Feb 2015 17:28
 Operator : TP/IZ
 Sample : G1345-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX5

Quant Time: Feb 24 01:33:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 23 23:58:25 2015
 Response via : Initial Calibration

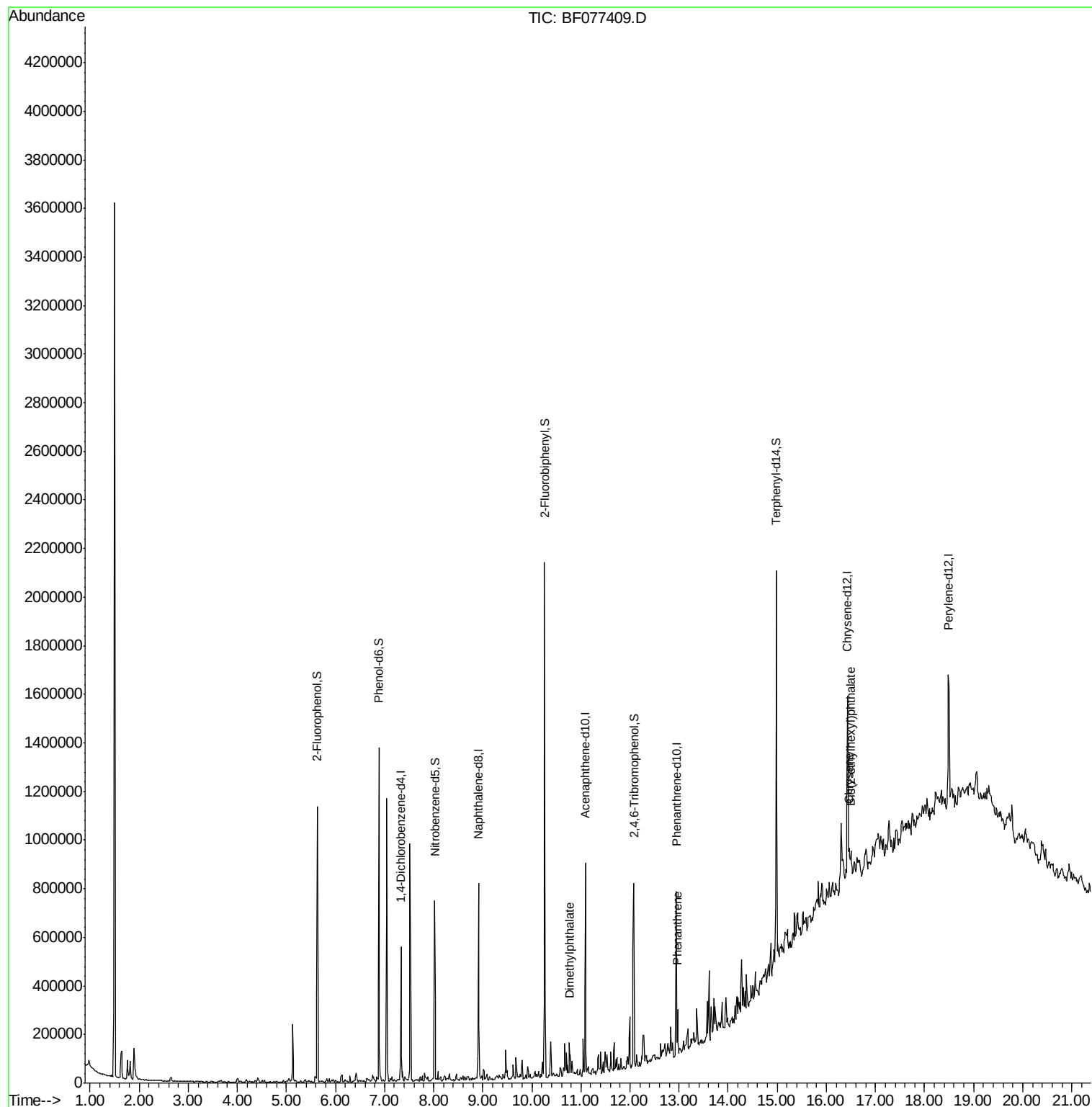
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	83400	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	350448	20.00	ng	0.00
38) Acenaphthene-d10	11.09	164	180354	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	339911	20.00	ng	0.01
75) Chrysene-d12	16.43	240	336133	20.00	ng	0.17
86) Perylene-d12	18.49	264	328513	20.00	ng	0.39
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	338390	67.74	ng	0.01
7) Phenol-d6	6.89	99	457322	71.20	ng	0.00
23) Nitrobenzene-d5	8.02	82	258367	45.85	ng	-0.01
41) 2,4,6-Tribromophenol	12.08	330	109693	63.17	ng	0.01
44) 2-Fluorobiphenyl	10.26	172	658397	56.92	ng	0.00
78) Terphenyl-d14	14.98	244	675334m	46.97	ng	0.05
Target Compounds						
49) Dimethylphthalate	10.76	163	51507	4.06	ng	Qvalue 100
70) Phenanthrene	12.97	178	77864	3.95	ng	99
82) Chrysene	16.47	228	58993	3.19	ng	# 86
83) Bis(2-ethylhexyl)phthalate	16.50	149	33505	2.47	ng	92

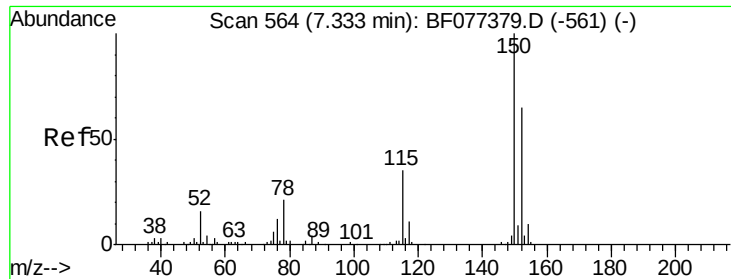
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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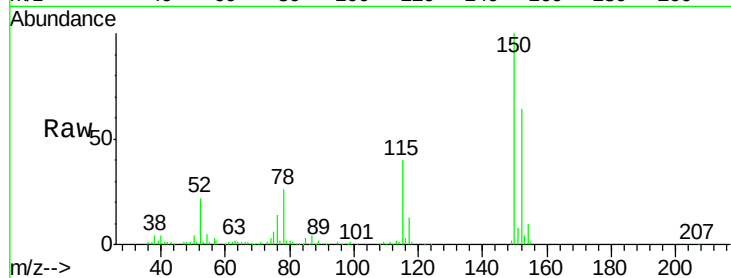


#1

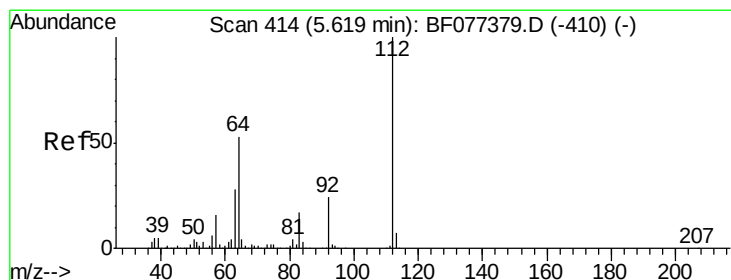
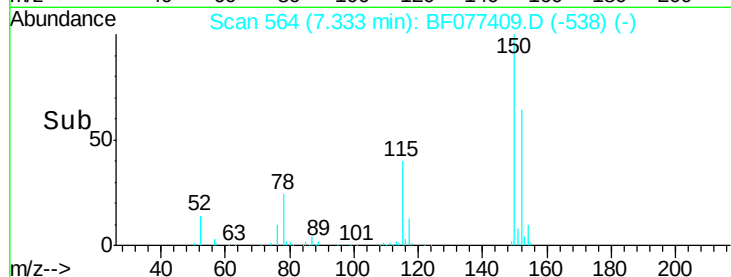
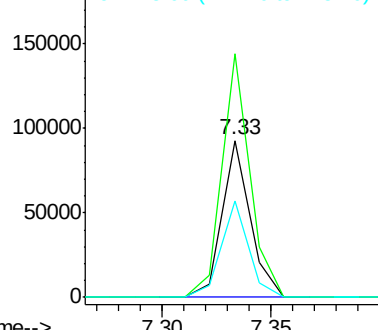
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077409.D
Acq: 23 Feb 2015 17:28

Instrument :
BNA_F
ClientSampleId :
UB10PX5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.0	186.0
115	61.7	49.4	74.2



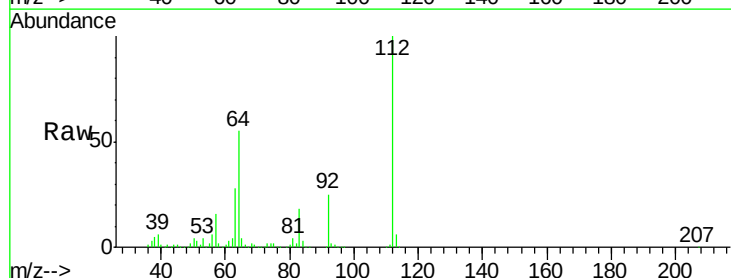
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



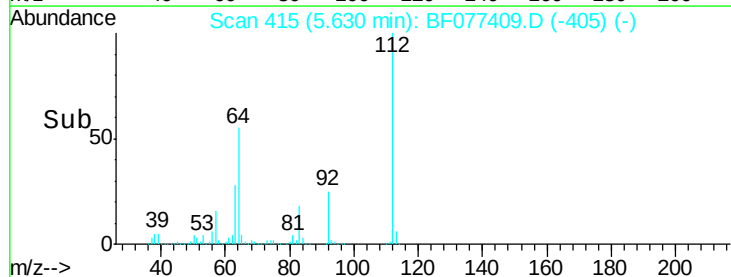
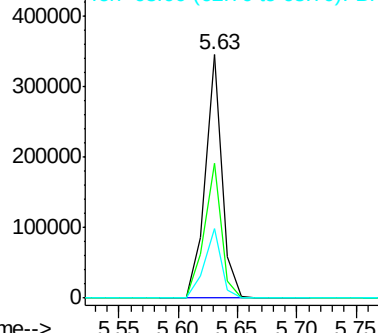
#5

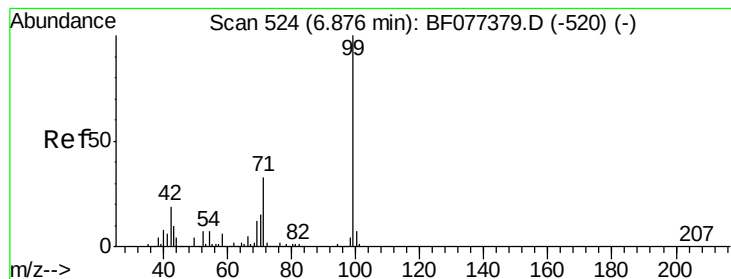
2-Fluorophenol
Concen: 67.74 ng
RT: 5.63 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF077409.D
Acq: 23 Feb 2015 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	48.5	72.7
63	28.3	25.0	37.4



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: 71.20 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

Instrument :

BNA_F

ClientSampleId :

UB10PX5

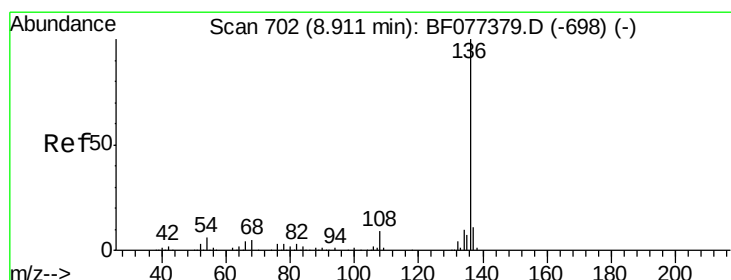
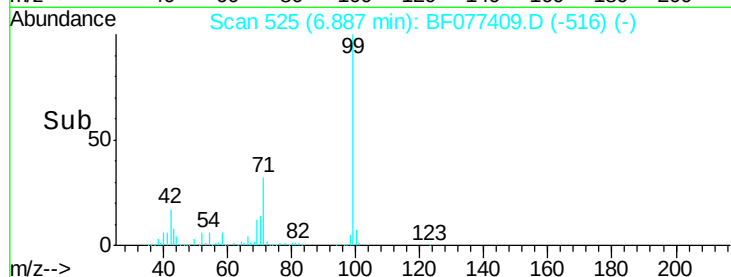
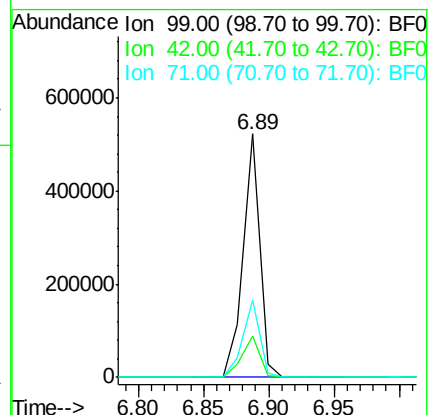
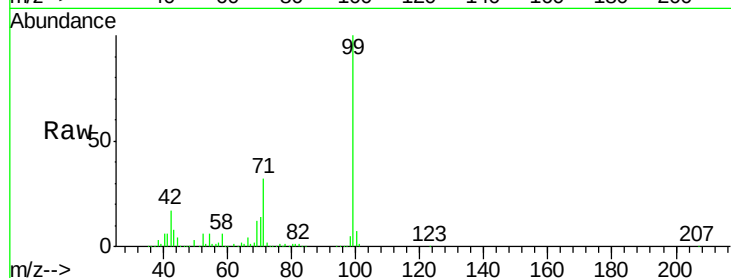
Tot Ion: 99 Resp: 457322

Ion Ratio Lower Upper

99 100

42 17.2 16.2 24.4

71 31.8 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

Tgt Ion: 136 Resp: 350448

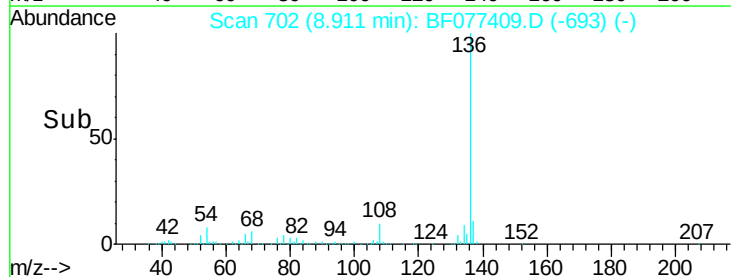
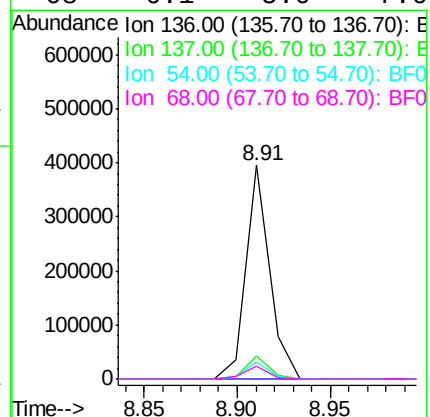
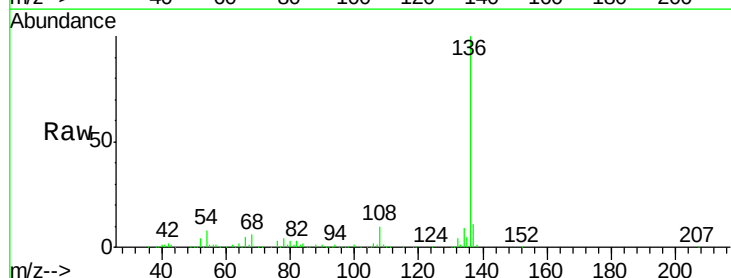
Ion Ratio Lower Upper

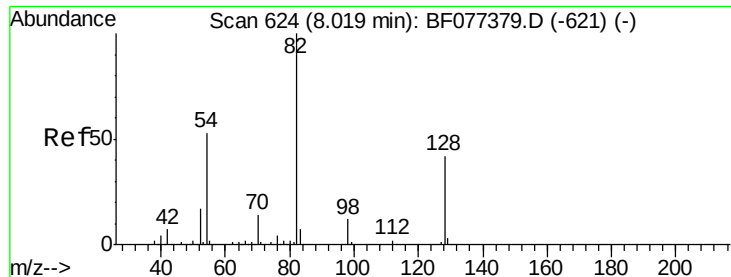
136 100

137 10.8 8.6 13.0

54 7.8 6.2 9.4

68 6.1 5.0 7.6

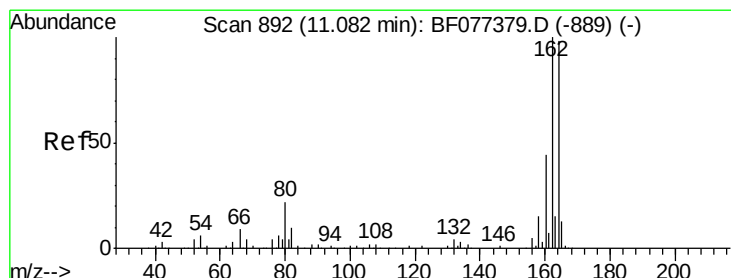
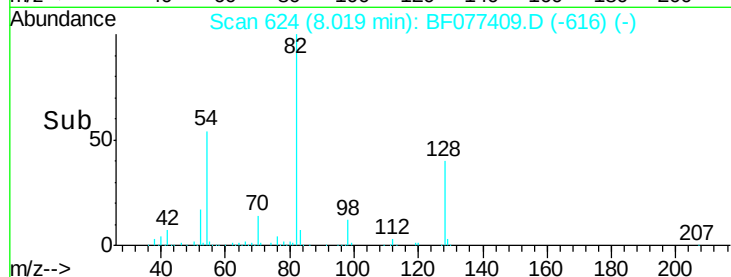
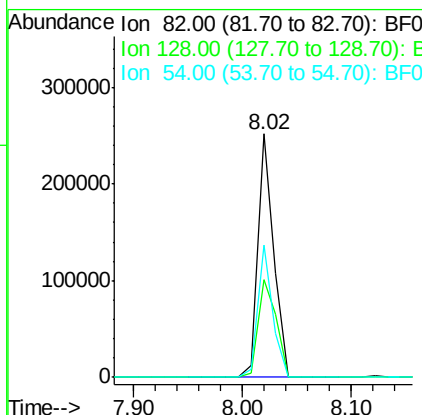
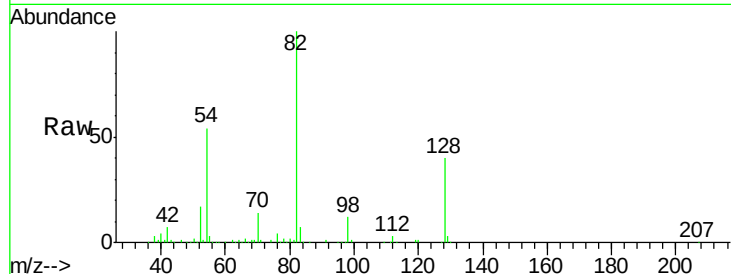




#23
 Nitrobenzene-d5
 Concen: 45.85 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

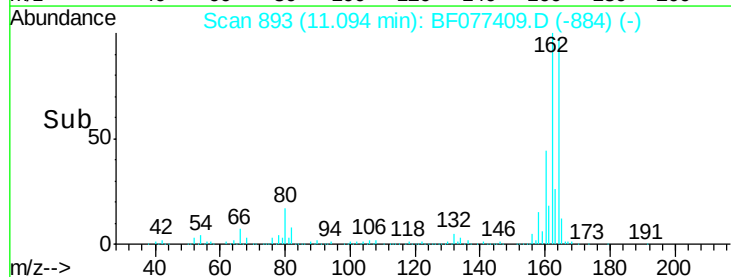
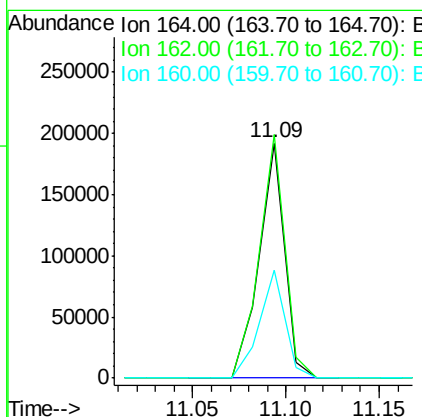
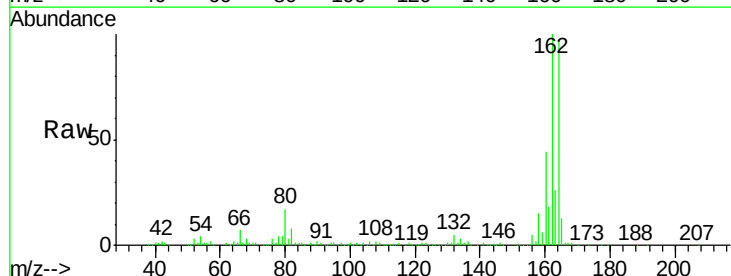
Instrument :
 BNA_F
 ClientSampleId :
 UB10PX5

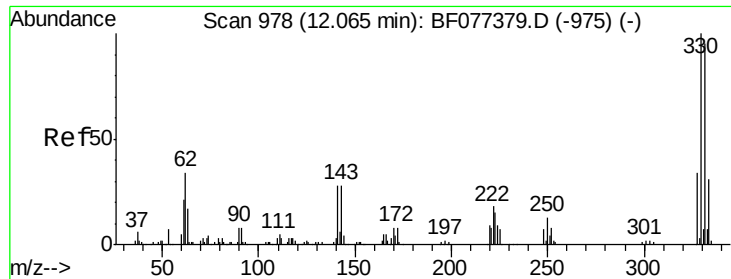
Tot Ion	82	Resp	258367
Ion Ratio	Lower	Upper	
82	100		
128	40.1	43.8	65.8#
54	54.1	36.7	55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

Tgt Ion	164	Resp	180354
Ion Ratio	Lower	Upper	
164	100		
162	103.6	83.2	124.8
160	45.9	34.6	52.0

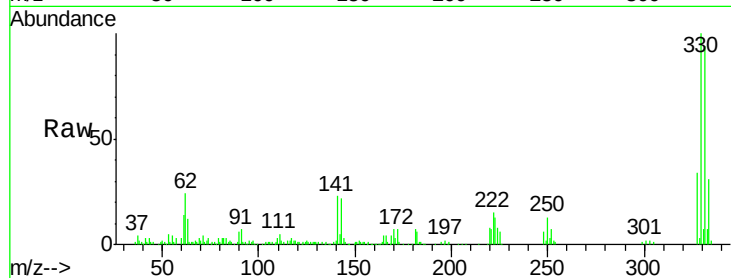




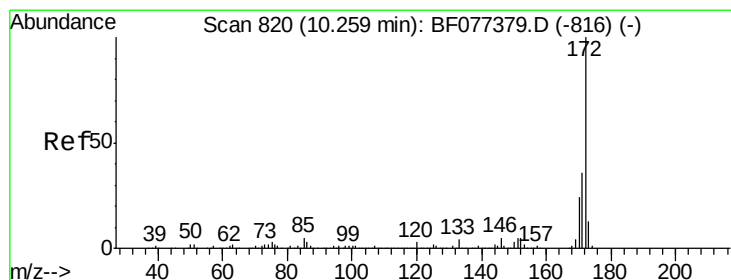
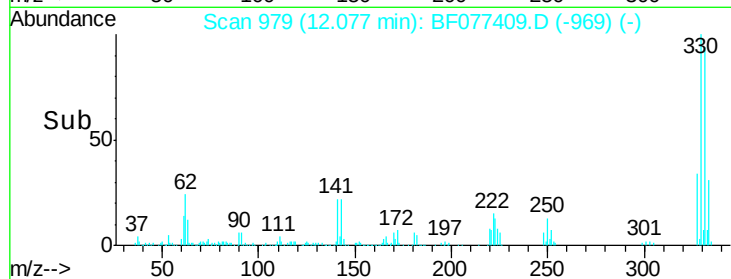
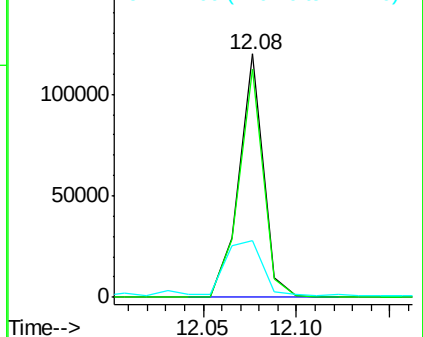
#41
 2,4,6-Tribromophenol
 Concen: 63.17 ng
 RT: 12.08 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	37.6	28.8	43.2

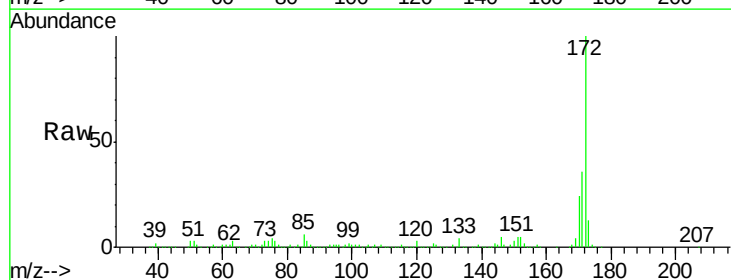


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

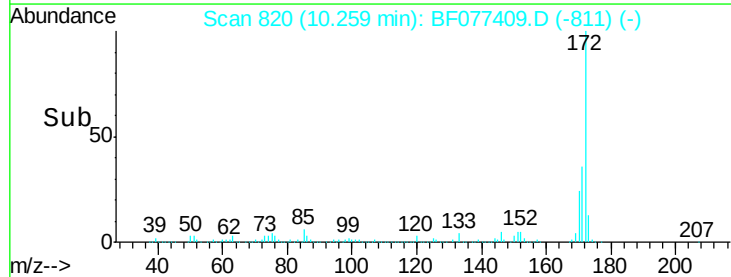
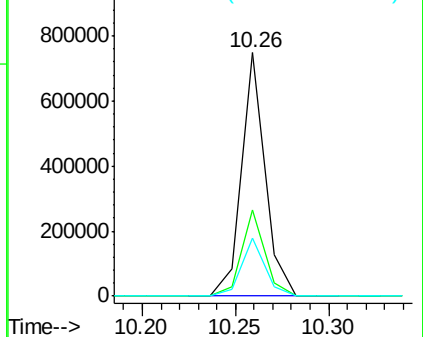


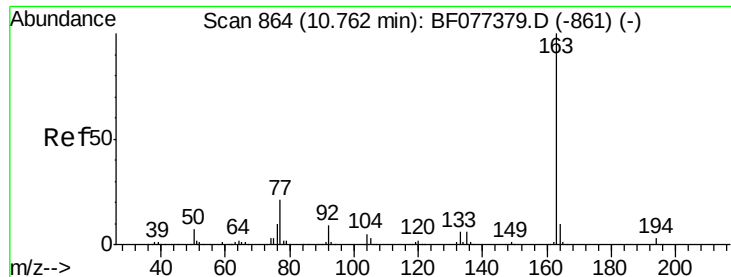
#44
 2-Fluorobiphenyl
 Concen: 56.92 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	24.0	19.4	29.2



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: 4.06 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

Instrument :

BNA_F

ClientSampleId :

UB10PX5

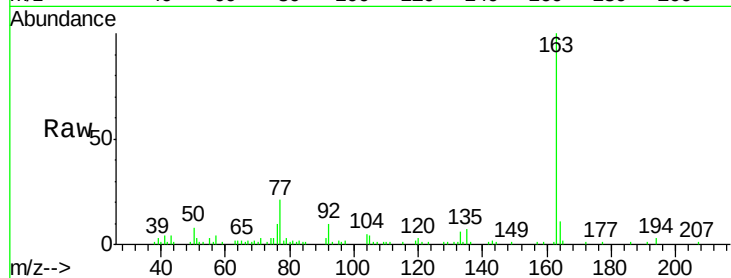
Tot Ion:163 Resp: 51507

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

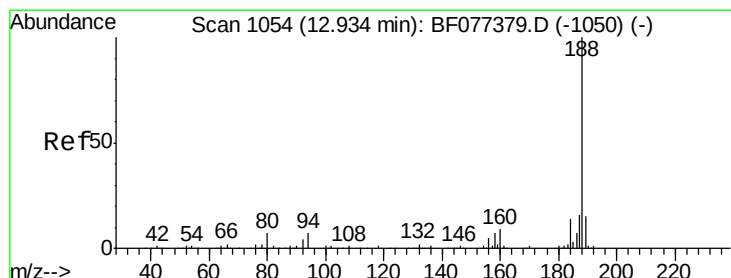
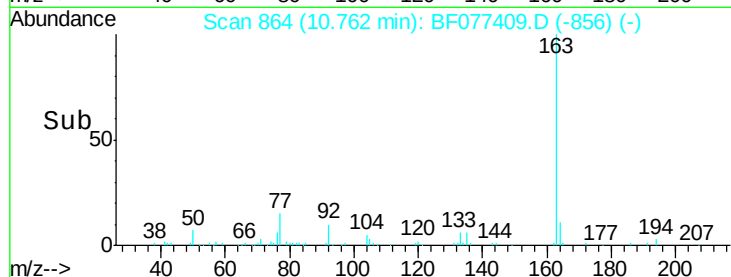
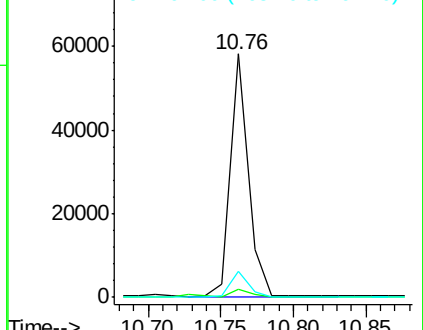
164 10.7 8.6 13.0



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: 12.95 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

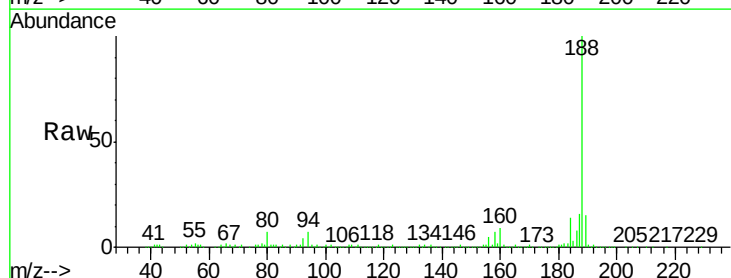
Tgt Ion:188 Resp: 339911

Ion Ratio Lower Upper

188 100

94 6.8 7.4 11.2#

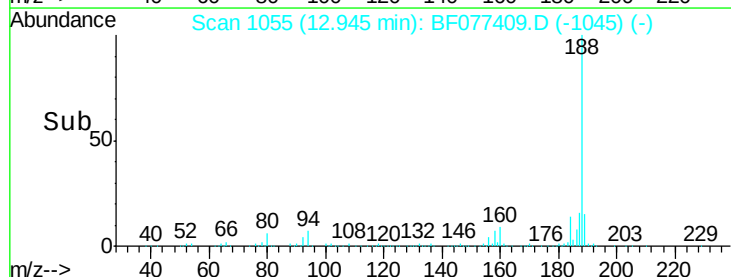
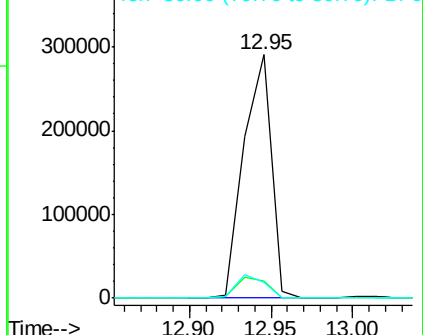
80 6.6 8.0 12.0#

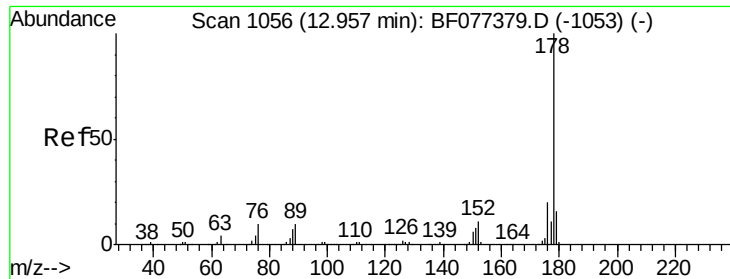


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.95 ng

RT: 12.97 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

Instrument :

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ClientSampleId :

UB10PX5

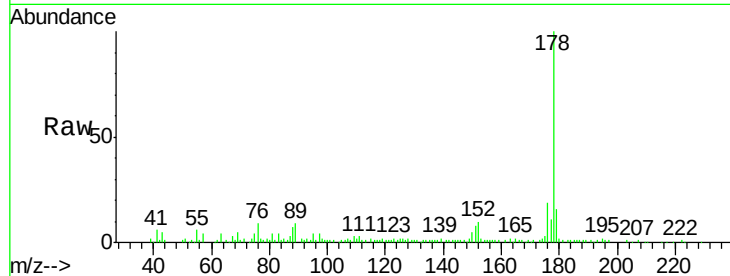
Tot Ion:178 Resp: 77864

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

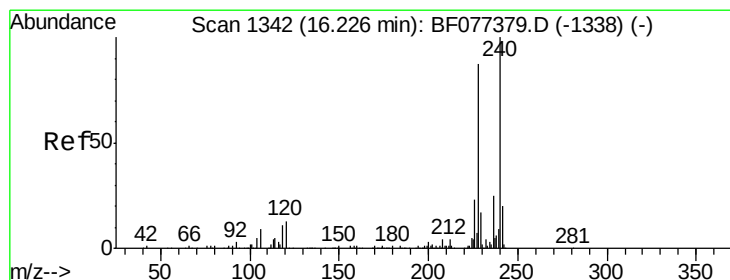
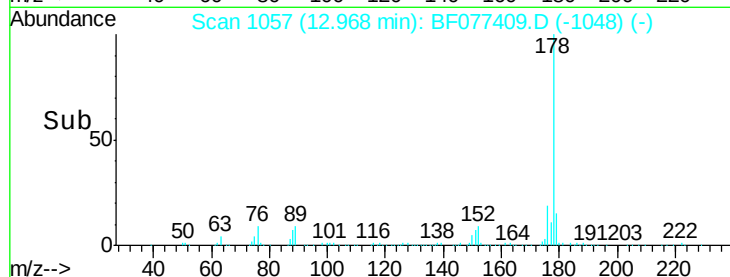
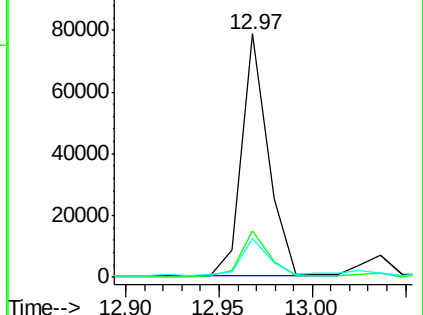
179 15.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.43 min Scan# 1360

Delta R.T. 0.17 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

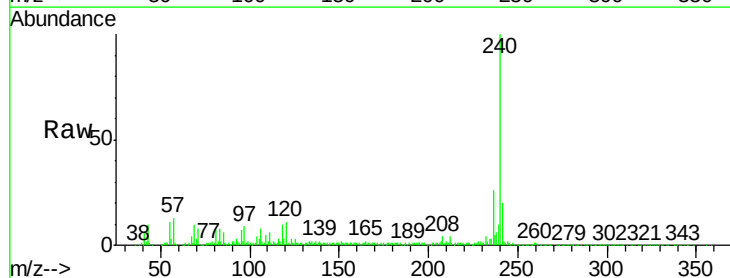
Tgt Ion:240 Resp: 336133

Ion Ratio Lower Upper

240 100

120 11.5 8.8 13.2

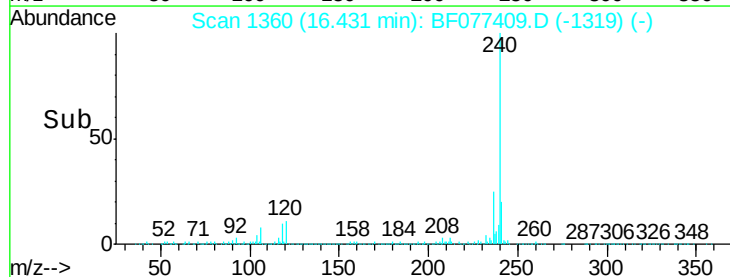
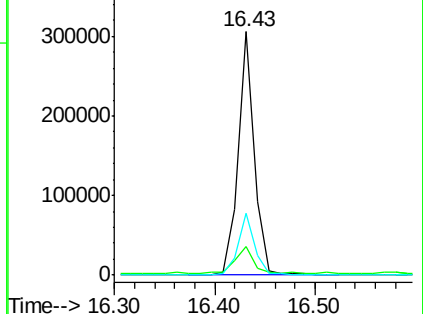
236 25.6 20.7 31.1

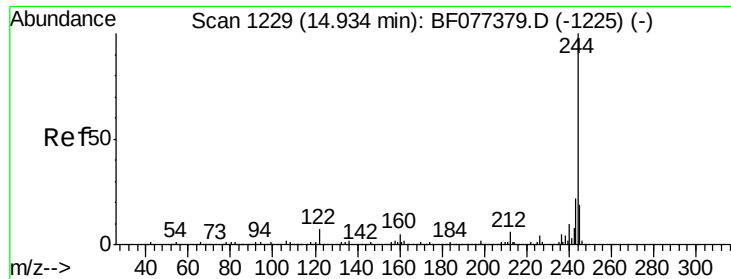


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.97 ng/mL

RT: 14.98 min Scan# 1233

Delta R.T. 0.05 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

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UB10PX5

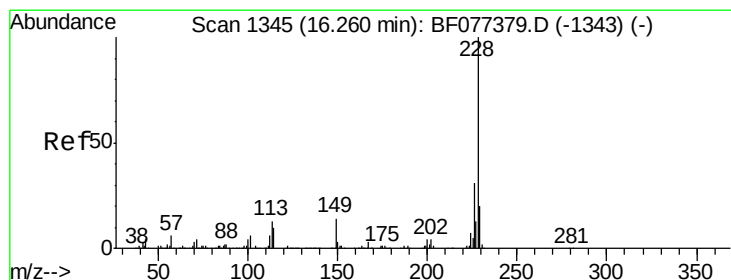
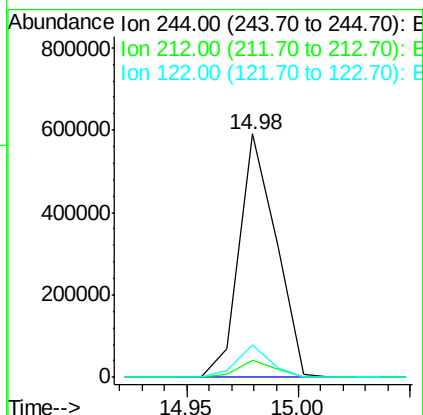
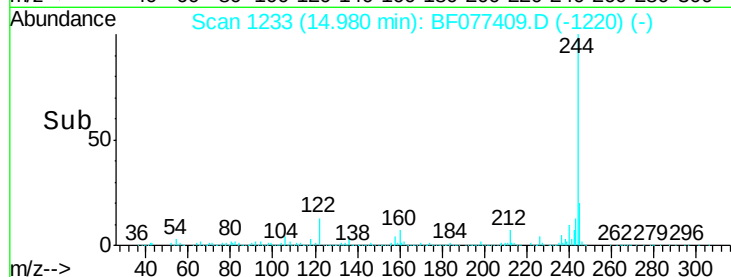
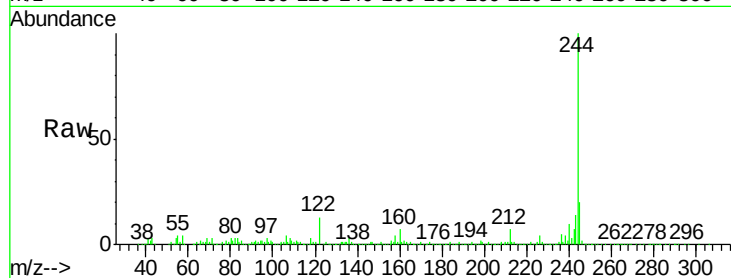
Tot Ion:244 Resp: 675334

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

122 13.2 7.8 11.8#



#82

Chrysene

Concen: 3.19 ng

RT: 16.47 min Scan# 1363

Delta R.T. 0.17 min

Lab File: BF077409.D

Acq: 23 Feb 2015 17:28

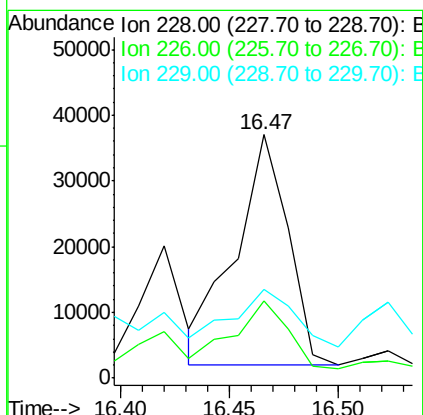
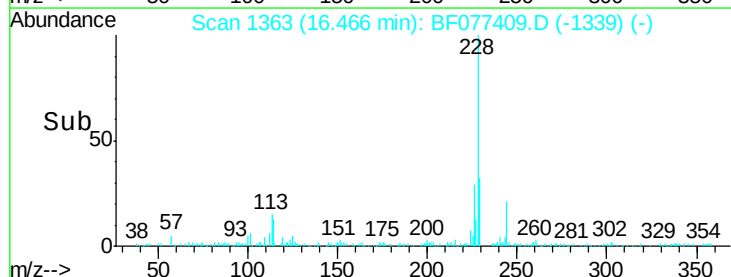
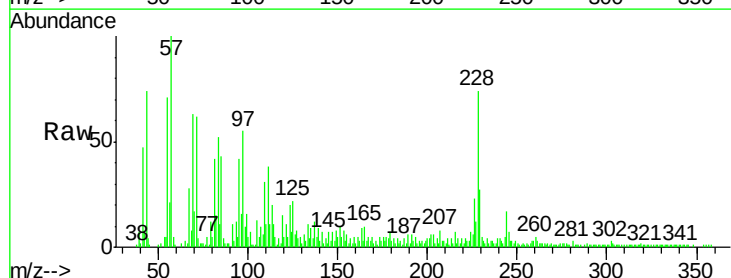
Tgt Ion:228 Resp: 58993

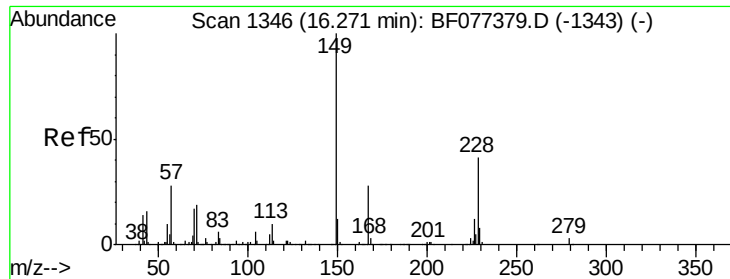
Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

229 36.6 16.4 24.6#

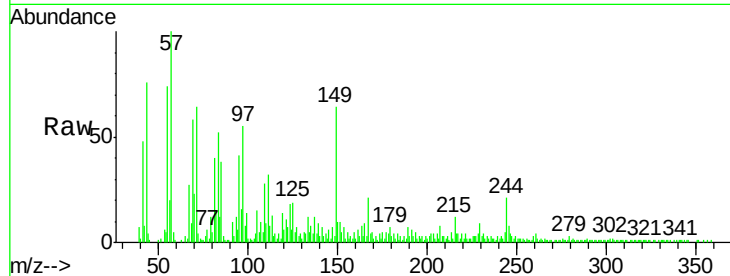




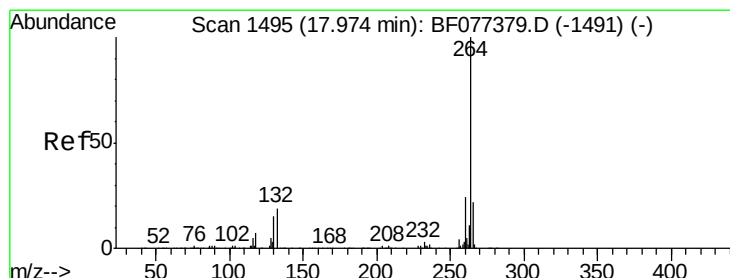
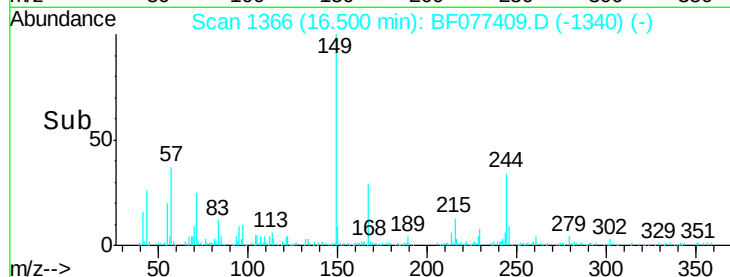
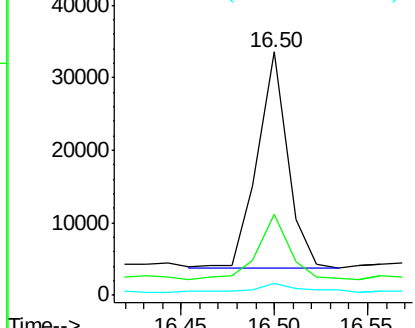
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.47 ng
 RT: 16.50 min Scan# 1366
 Delta R.T. 0.19 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX5

Tot Ion	Ratio	Lower	Upper
149	100		
167	33.2	22.8	34.2
279	4.7	3.8	5.6

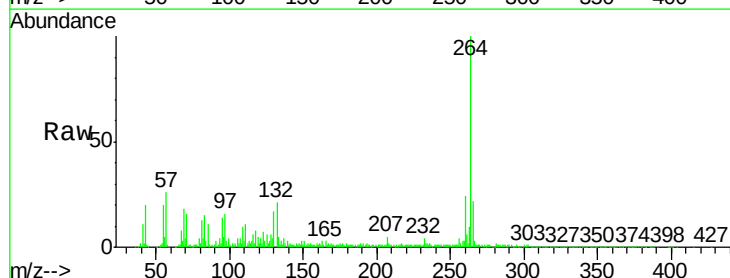


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.49 min Scan# 1540
 Delta R.T. 0.39 min
 Lab File: BF077409.D
 Acq: 23 Feb 2015 17:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.5	16.8	25.2



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

