

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090344.D
 Acq On : 4 Oct 2016 15:12
 Operator : UM/SJ
 Sample : H4999-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 15:43:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

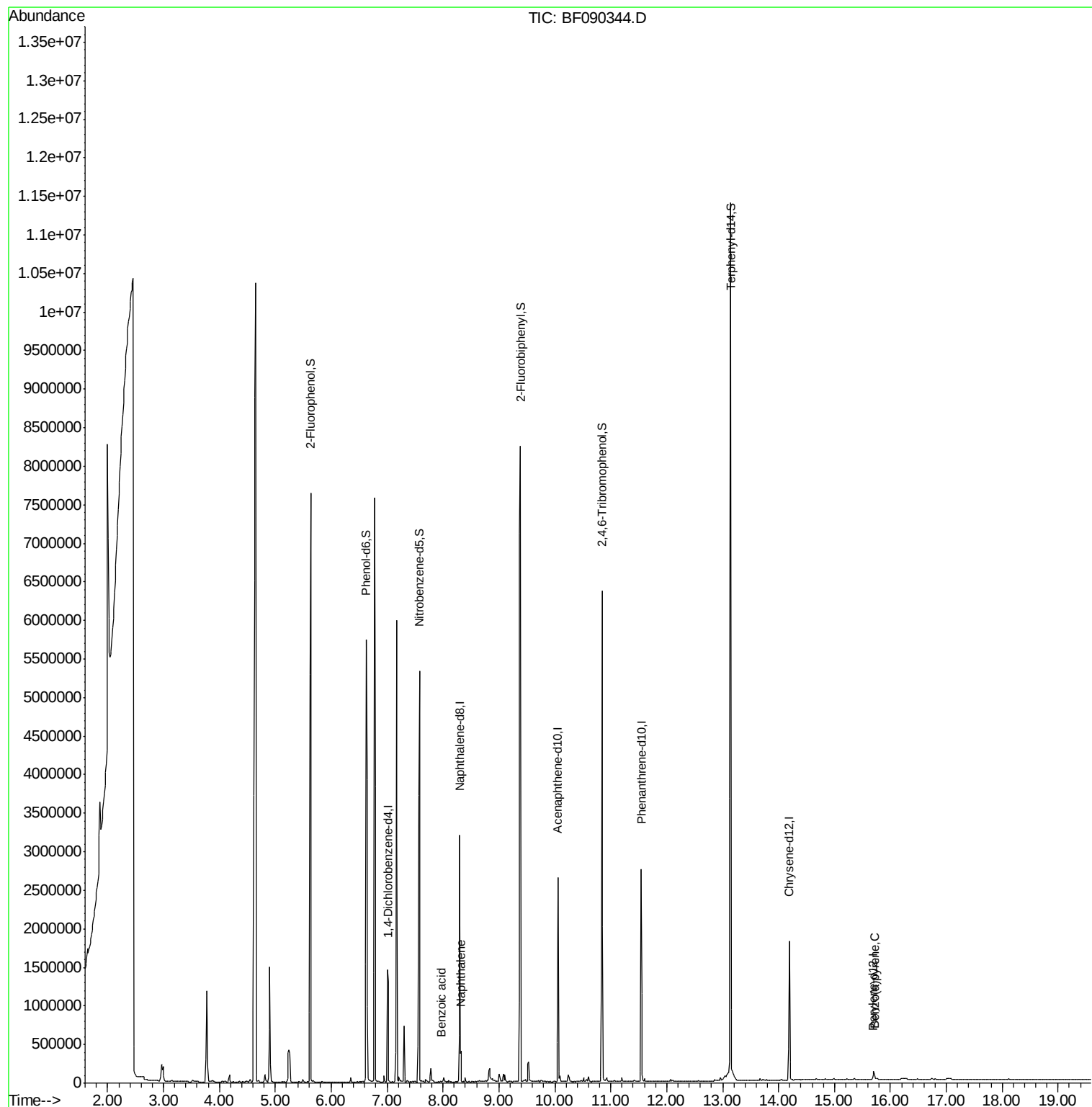
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	311044	20.00	ng	0.01
21) Naphthalene-d8	8.30	136	1313854	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	443729	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	976125	20.00	ng	0.00
75) Chrysene-d12	14.19	240	414159	20.00	ng	0.00
86) Perylene-d12	15.69	264	10362	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	2665648	135.17	ng	0.02
7) Phenol-d6	6.63	99	2333164	94.65	ng	0.00
23) Nitrobenzene-d5	7.58	82	2299649	102.03	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	943605	244.84	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3669878	134.84	ng	0.00
78) Terphenyl-d14	13.14	244	3104480	174.51	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.32	128	166559	2.65	ng	96
32) Benzoic acid	7.96	122	2626	5.43	ng	99
89) Benzo(a)pyrene	15.71	252	1482	2.73	ng	# 1

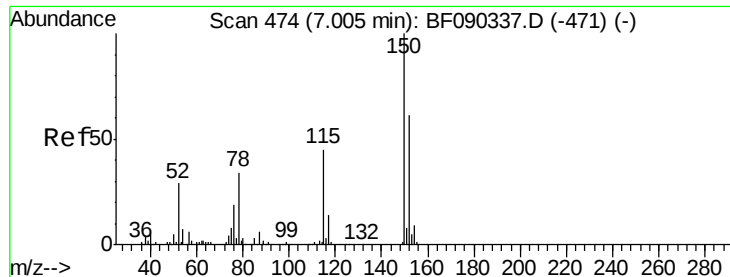
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
Data File : BF090344.D
Acq On : 4 Oct 2016 15:12
Operator : UM/SJ
Sample : H4999-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 04 15:43:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration



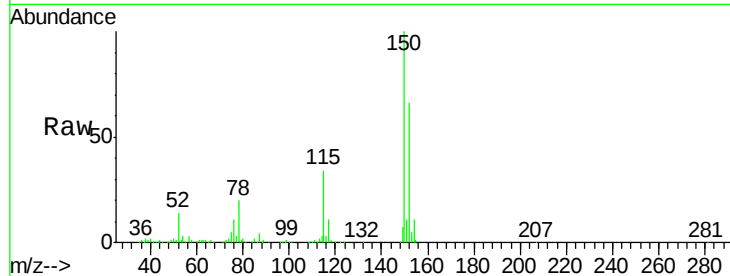


#1

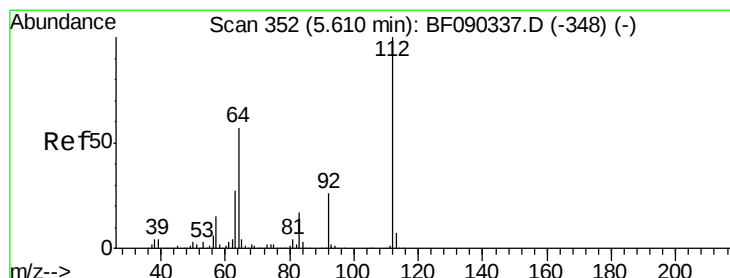
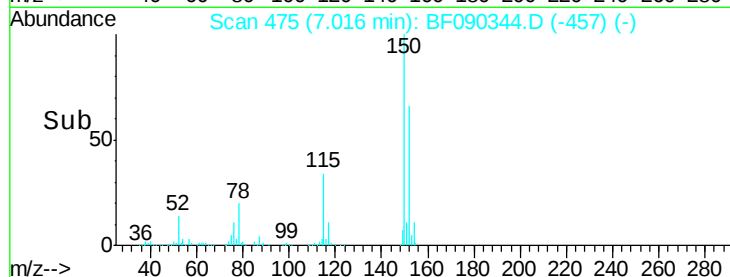
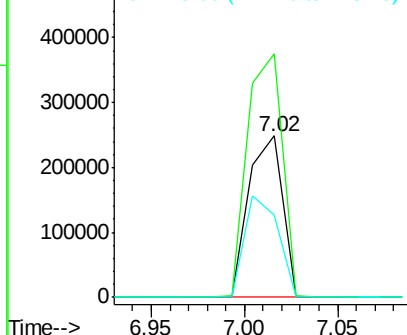
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 311044
Ion Ratio Lower Upper
152 100
150 151.0 124.6 186.8
115 50.8 46.2 69.4



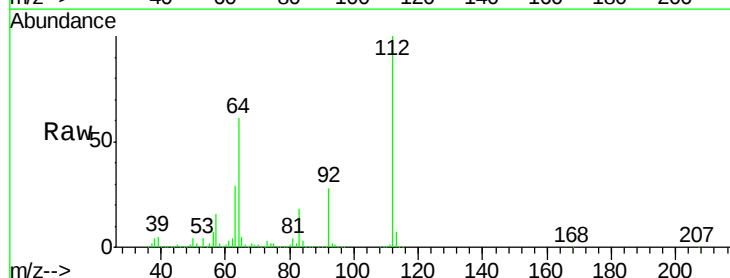
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



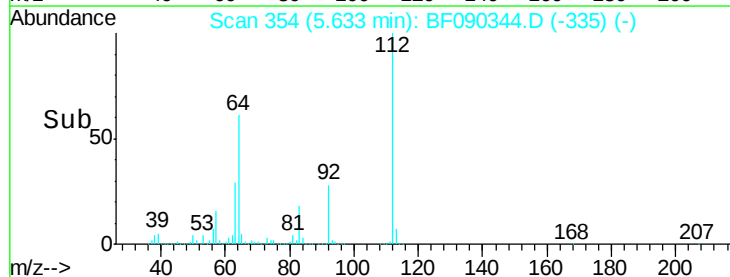
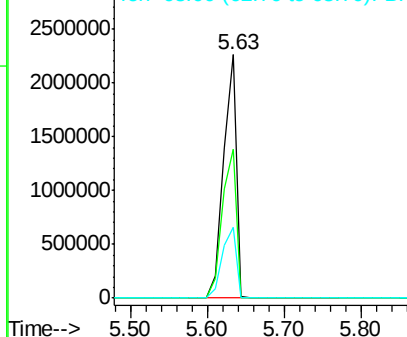
#5

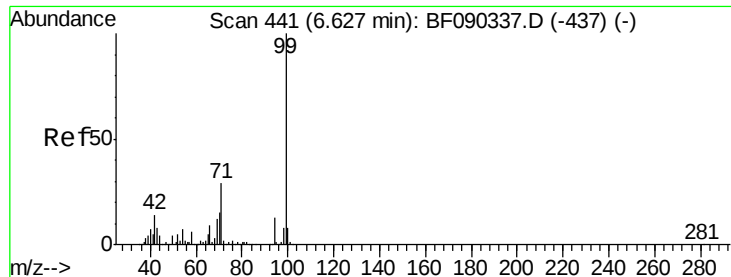
2-Fluorophenol
Concen: 135.17 ng
RT: 5.63 min Scan# 354
Delta R.T. 0.02 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

Tgt Ion:112 Resp: 2665648
Ion Ratio Lower Upper
112 100
64 61.0 57.9 86.9
63 29.1 29.6 44.4#



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: 94.65 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

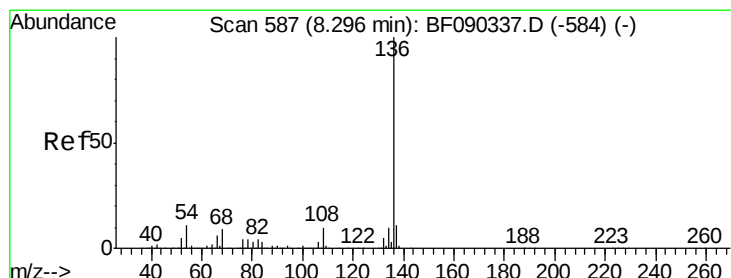
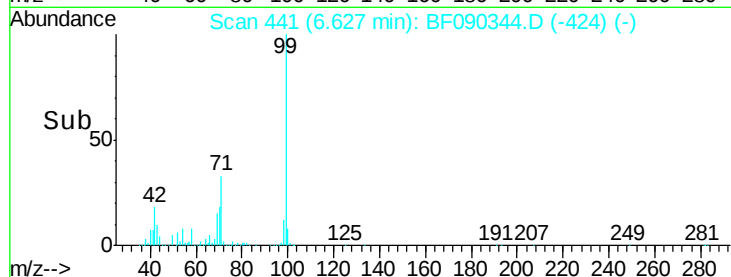
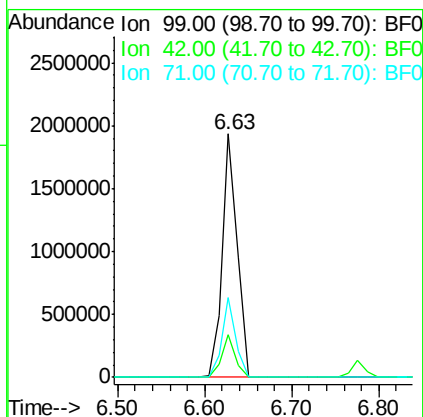
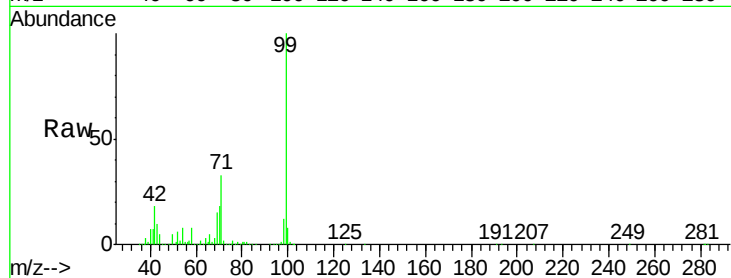
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2333164

Ion	Ratio	Lower	Upper
99	100		
42	17.8	20.0	30.0#
71	33.0	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 587

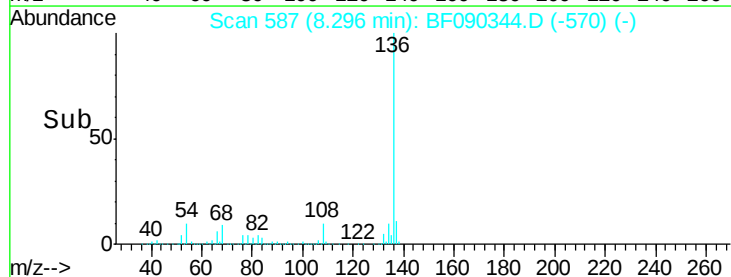
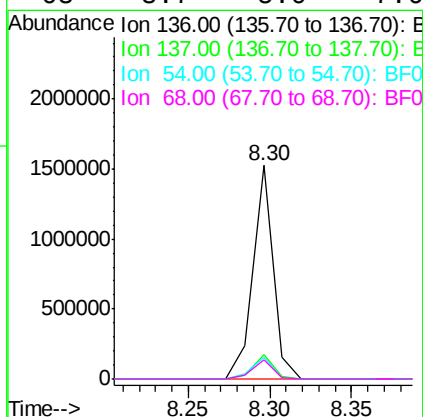
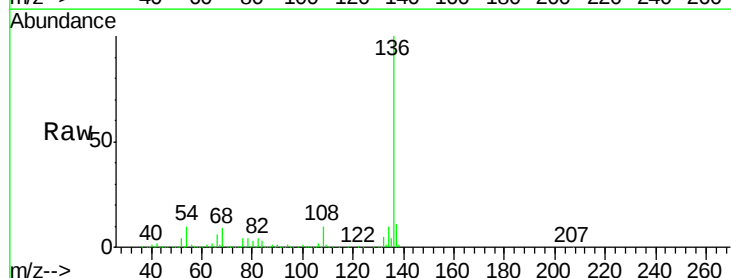
Delta R.T. -0.00 min

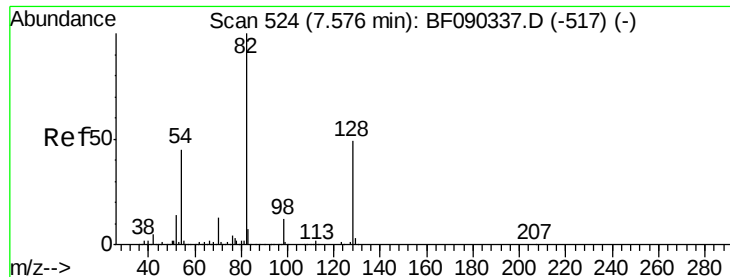
Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

Tgt Ion: 136 Resp: 1313854

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.0	6.6	10.0#
68	8.7	5.0	7.6#





#23

Nitrobenzene-d5

Concen: 102.03 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

Instrument :

BNA_F

ClientSampleId :

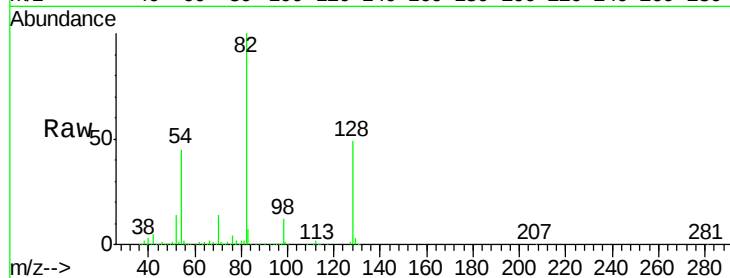
Tot Ion: 82 Resp: 2299649

Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.0	60.0
54	45.3	42.6	64.0

82 100

128 49.2 40.0 60.0

54 45.3 42.6 64.0

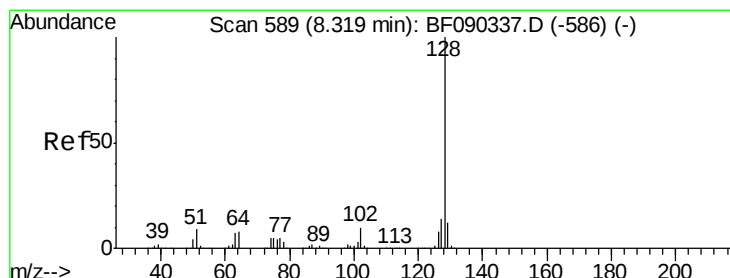
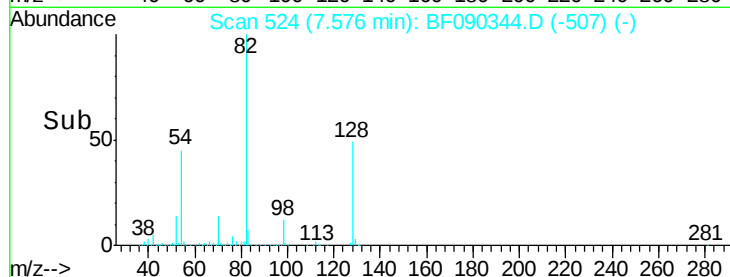
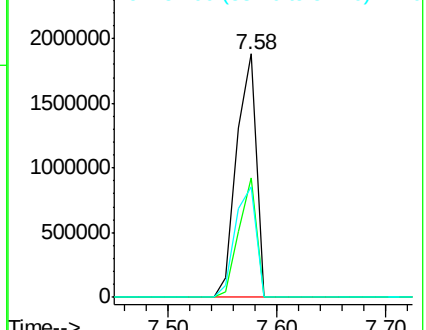


Abundance

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



#31

Naphthalene

Concen: 2.65 ng

RT: 8.32 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

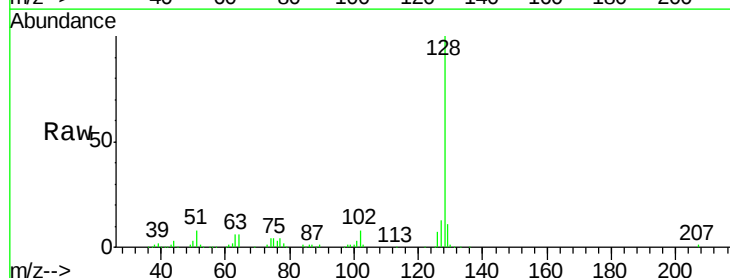
Tgt Ion: 128 Resp: 166559

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.7	14.5
127	12.8	11.7	17.5

128 100

129 10.7 9.7 14.5

127 12.8 11.7 17.5

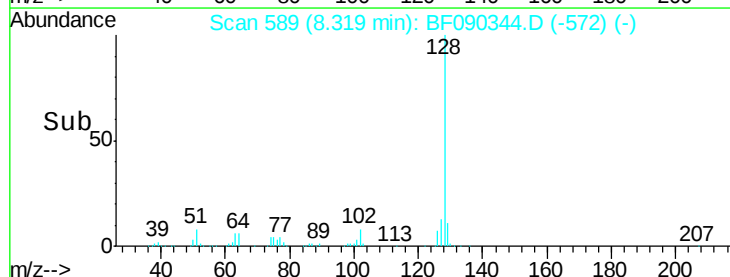
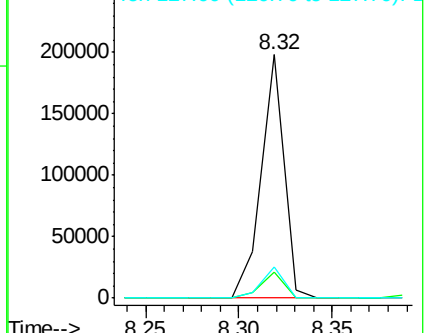


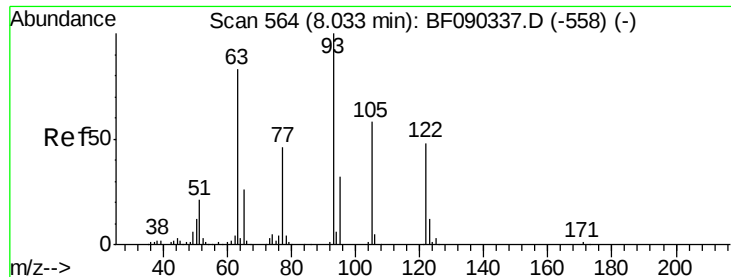
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

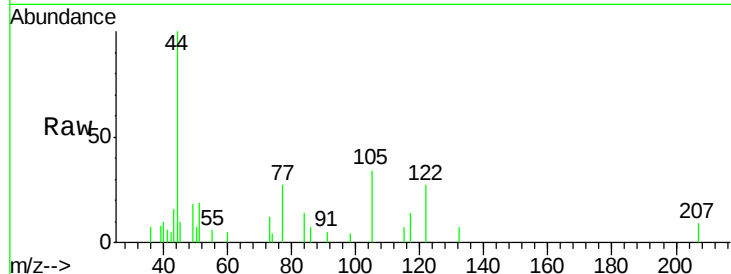




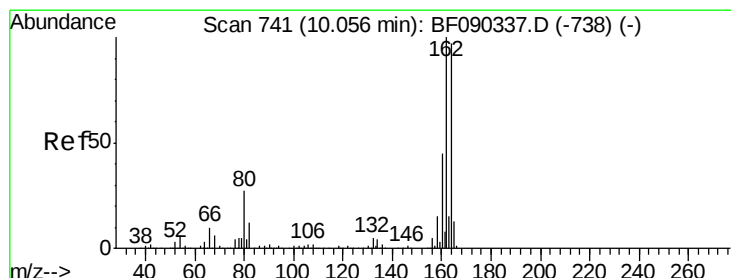
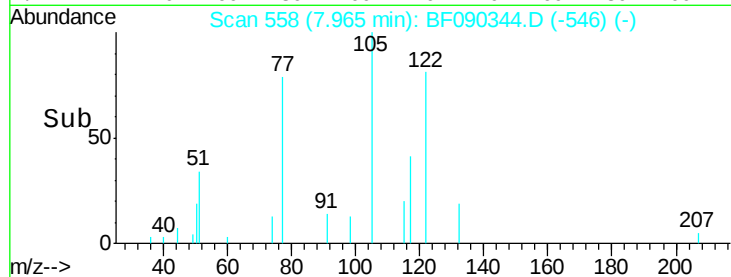
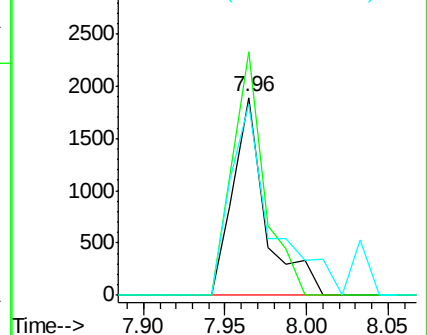
#32
Benzoic acid
Concen: 5.43 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.07 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 2626
Ion Ratio Lower Upper
122 100
105 123.2 103.9 143.9
77 97.0 74.6 114.6

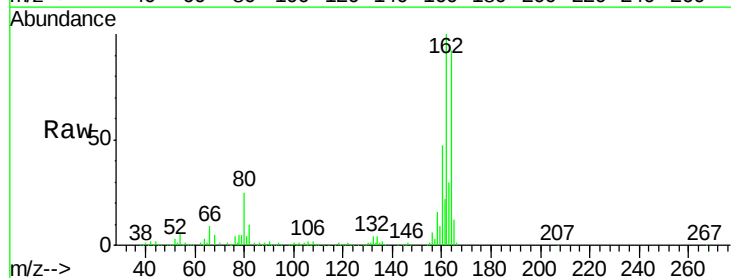


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

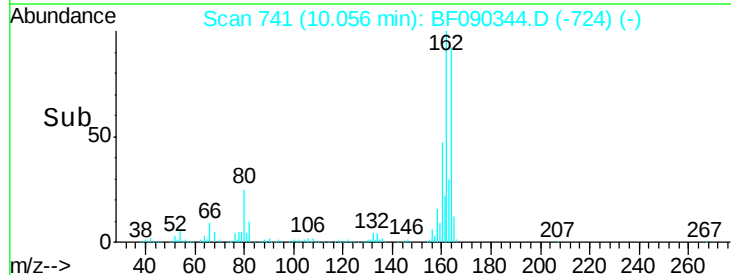
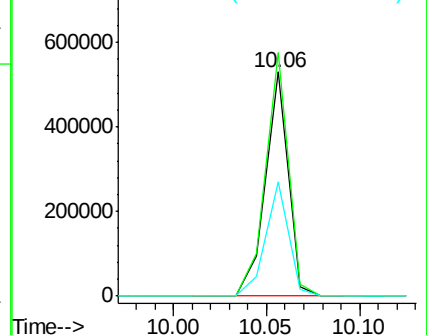


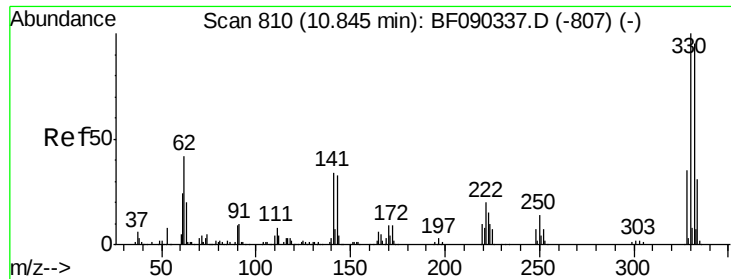
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

Tgt Ion:164 Resp: 443729
Ion Ratio Lower Upper
164 100
162 108.6 80.1 120.1
160 50.7 36.3 54.5



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

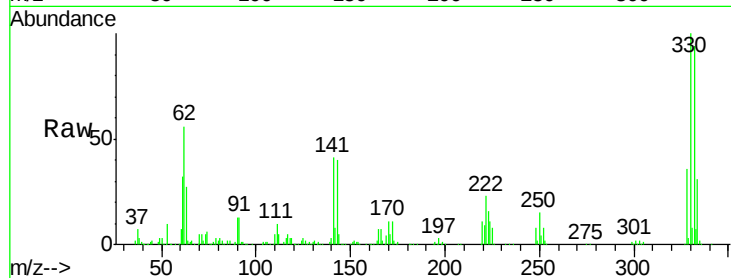




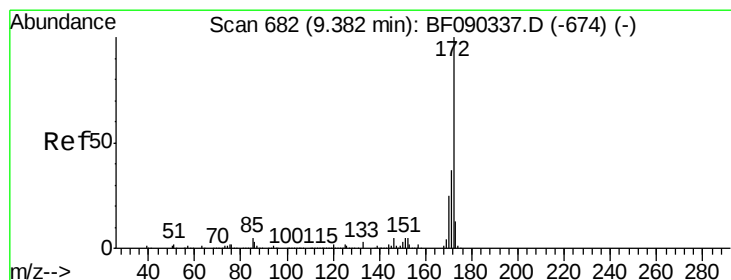
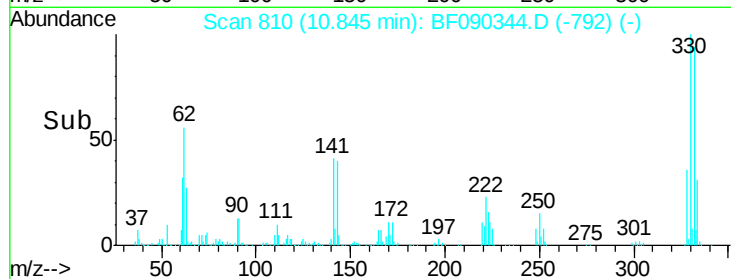
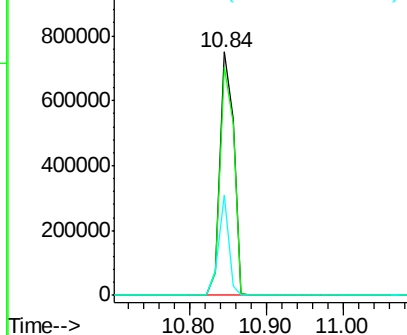
#41
 2,4,6-Tribromophenol
 Concen: 244.84 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090344.D
 Acq: 4 Oct 2016 15:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.0
141	30.5	26.9	40.3

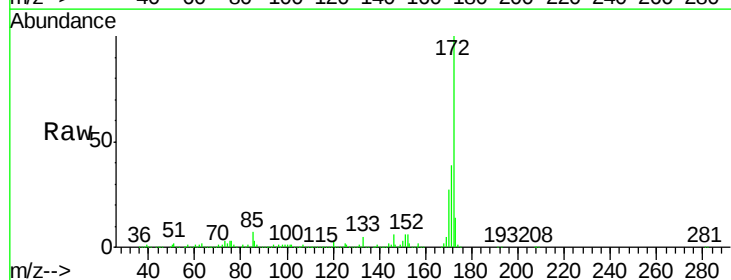


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

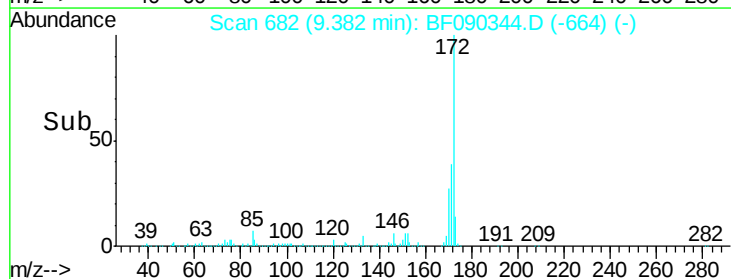
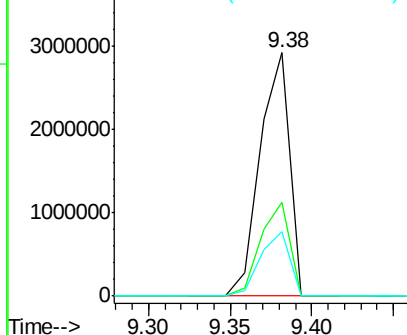


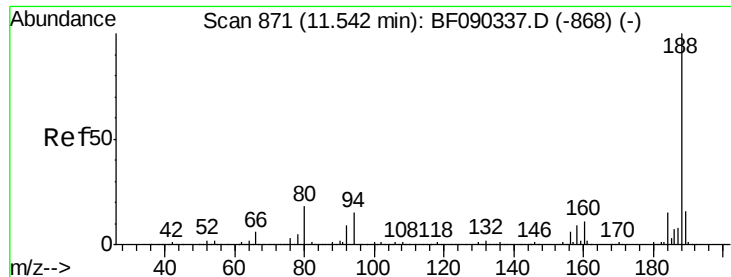
#44
 2-Fluorobiphenyl
 Concen: 134.84 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF090344.D
 Acq: 4 Oct 2016 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.8	47.8
170	26.6	21.7	32.5



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

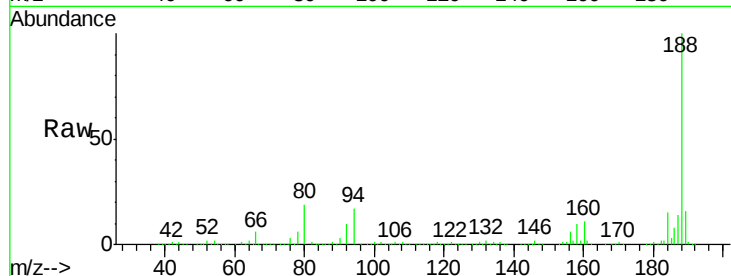




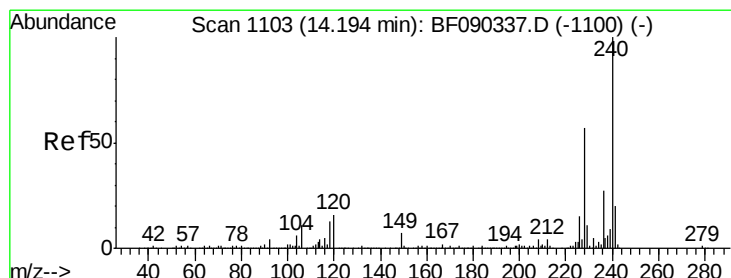
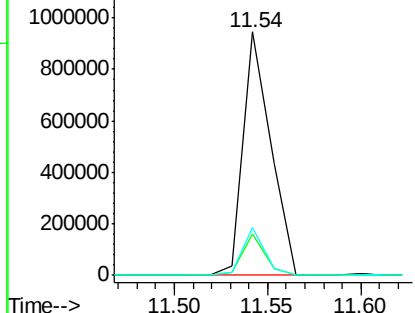
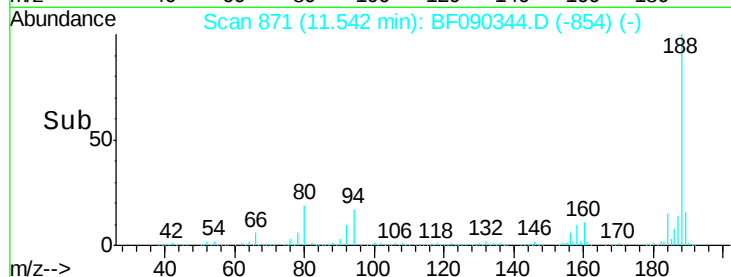
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 976125
Ion Ratio Lower Upper
188 100
94 16.8 8.2 12.2#
80 19.4 8.8 13.2#

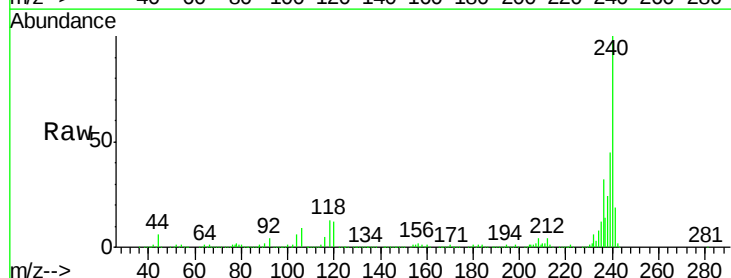


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

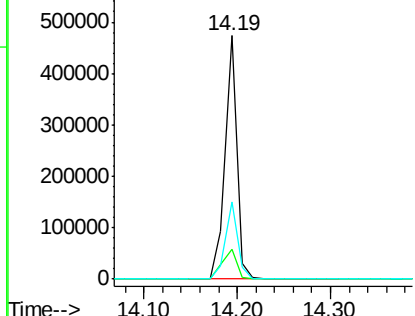
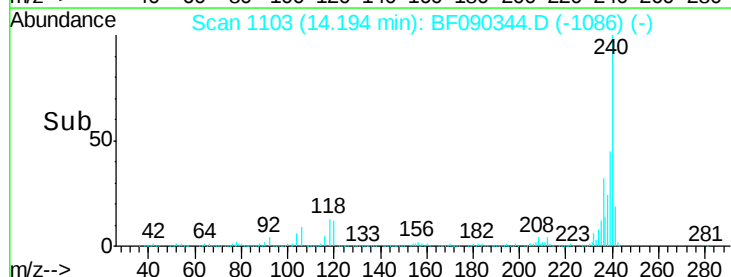


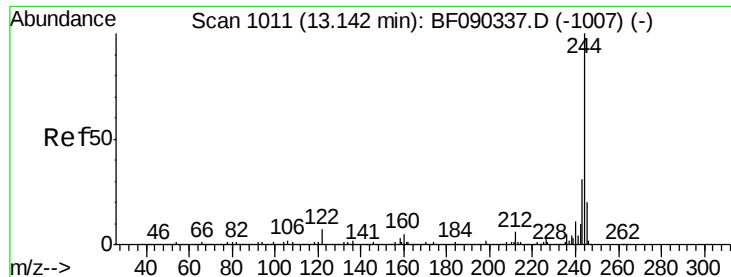
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

Tgt Ion:240 Resp: 414159
Ion Ratio Lower Upper
240 100
120 12.4 8.6 13.0
236 31.6 21.6 32.4



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: 174.51 ng

RT: 13.14 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

Instrument :

BNA_F

ClientSampleId :

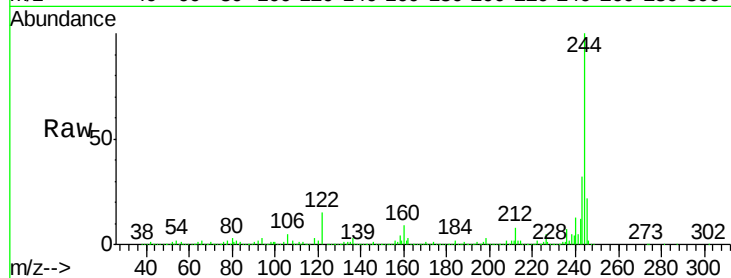
Tot Ion:244 Resp: 3104480

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.8	10.2
122	15.4	13.3	19.9

244 100

212 8.5 6.8 10.2

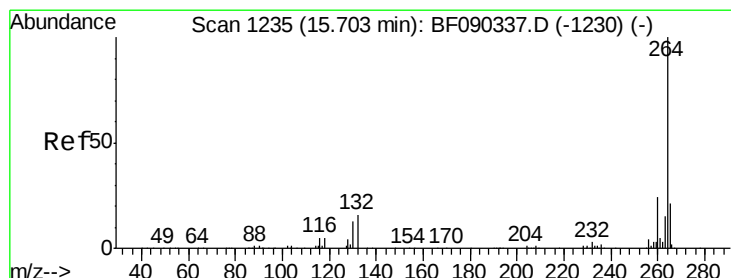
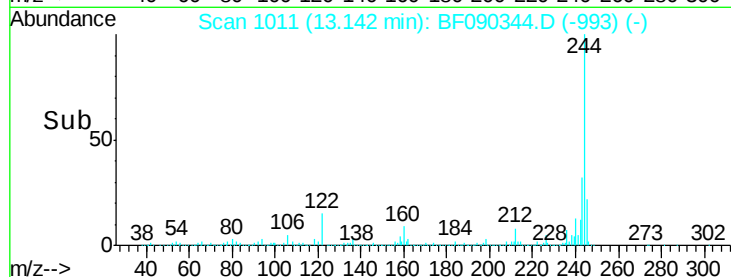
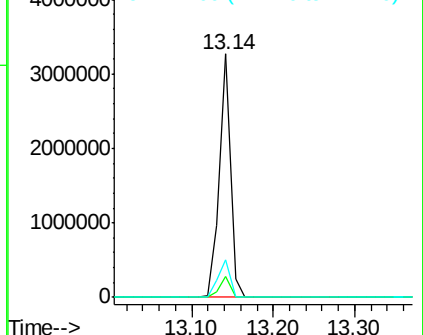
122 15.4 13.3 19.9



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.69 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

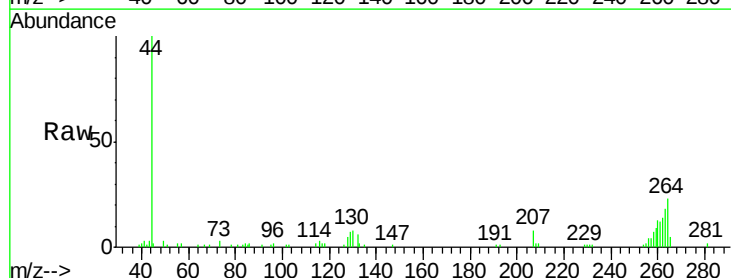
Tgt Ion:264 Resp: 10362

Ion	Ratio	Lower	Upper
264	100		
260	58.5	19.3	28.9#
265	23.4	17.4	26.0

264 100

260 58.5 19.3 28.9#

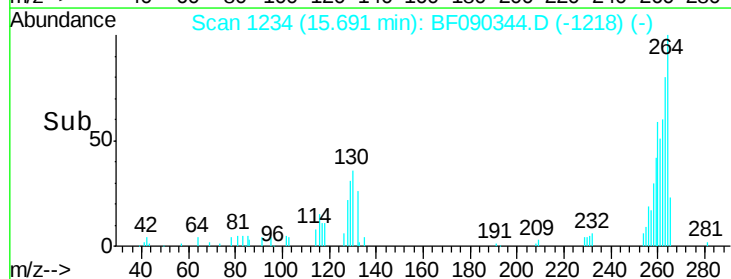
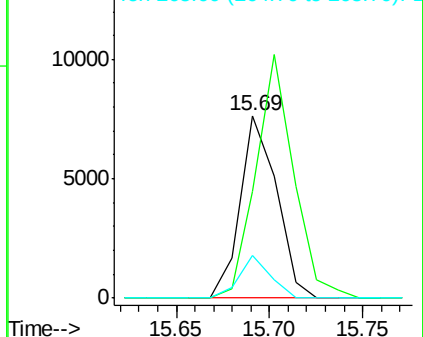
265 23.4 17.4 26.0

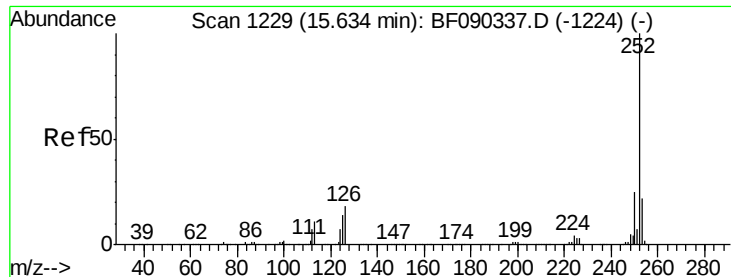


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 2.73 ng

RT: 15.71 min Scan# 1236

Delta R.T. 0.08 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

Instrument :

BNA_F

ClientSampleId :

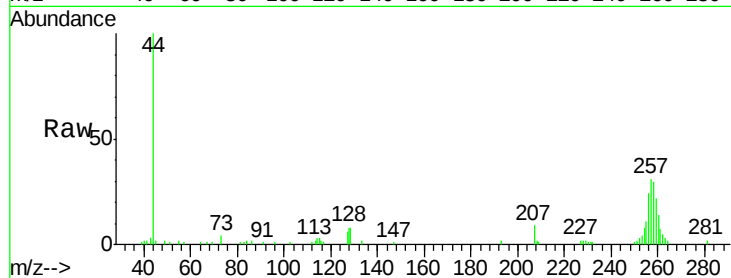
Tot Ion:252 Resp: 1482

Ion Ratio Lower Upper

252 100

253 136.0 18.2 27.4#

125 0.0 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

