

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090343.D
 Acq On : 4 Oct 2016 14:45
 Operator : UM/SJ
 Sample : H4998-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 15:33:26 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

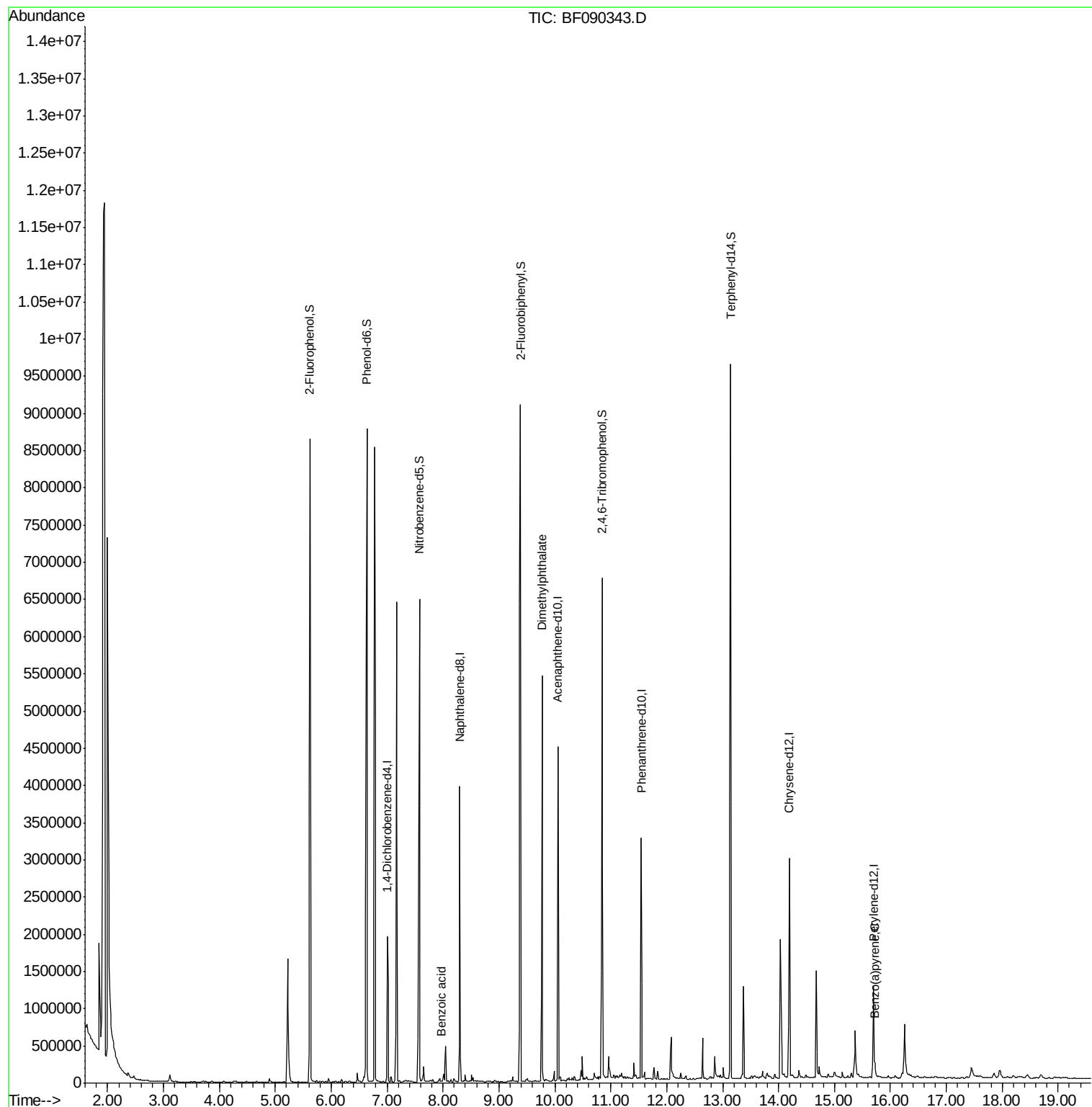
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	367379	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1546458	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	803290	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	1190598	20.00	ng	0.00
75) Chrysene-d12	14.19	240	903047	20.00	ng	0.00
86) Perylene-d12	15.70	264	614006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	2818154	120.99	ng	0.01
7) Phenol-d6	6.64	99	4311821	148.10	ng	0.01
23) Nitrobenzene-d5	7.58	82	2613915	98.53	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	1132976	162.39	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3579769	72.66	ng	0.00
78) Terphenyl-d14	13.14	244	2910075	75.02	ng	0.00
Target Compounds						
32) Benzoic acid	7.96	122	2798	5.42	ng	98
49) Dimethylphthalate	9.77	163	1946831	40.94	ng	100
89) Benzo(a)pyrene	15.73	252	86743	2.69	ng	# 89

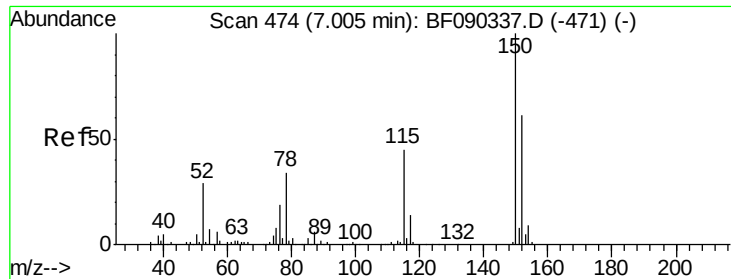
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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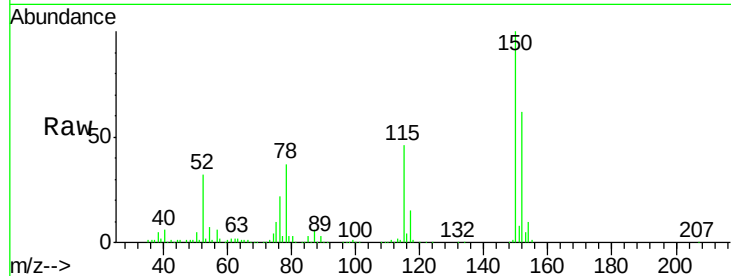


#1

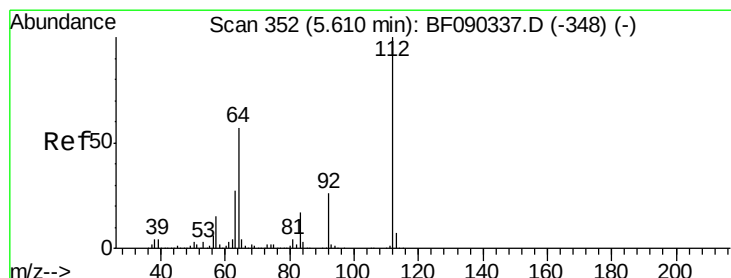
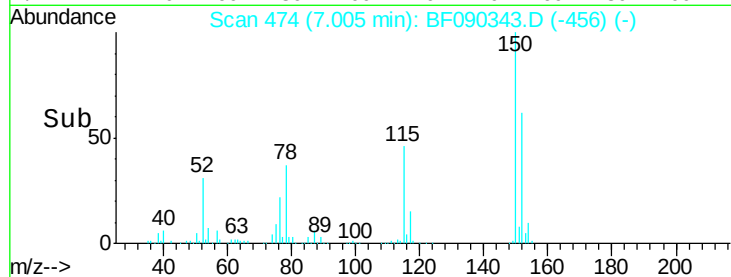
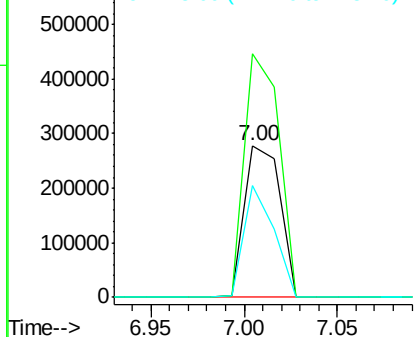
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 367379
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 73.7 46.2 69.4#



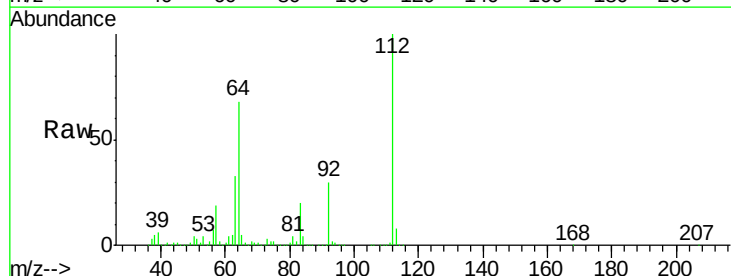
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



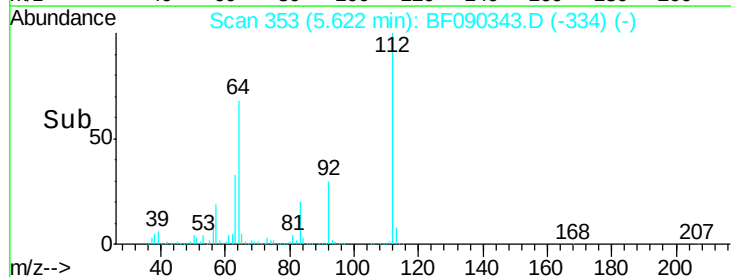
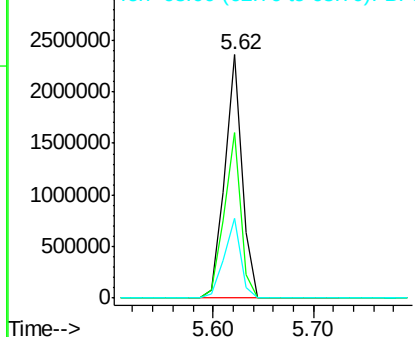
#5

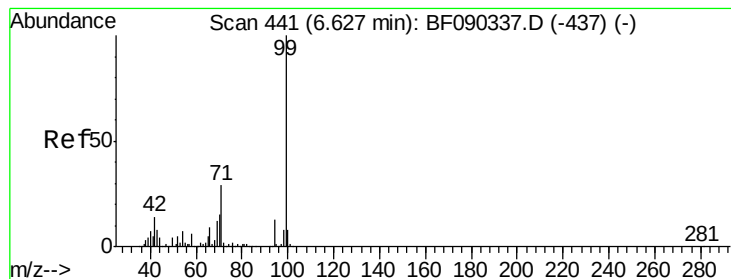
2-Fluorophenol
Concen: 120.99 ng
RT: 5.62 min Scan# 353
Delta R.T. 0.01 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

Tgt Ion:112 Resp: 2818154
Ion Ratio Lower Upper
112 100
64 67.8 57.9 86.9
63 33.0 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: 148.10 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.01 min

Lab File: BF090343.D

Acq: 4 Oct 2016 14:45

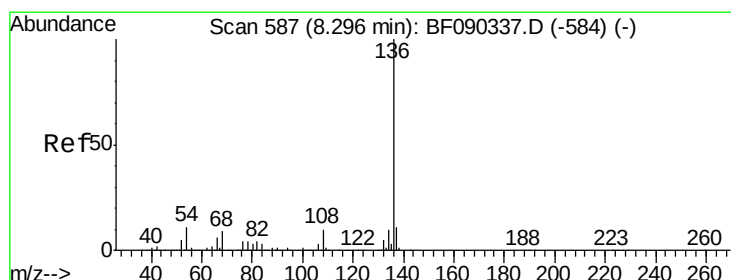
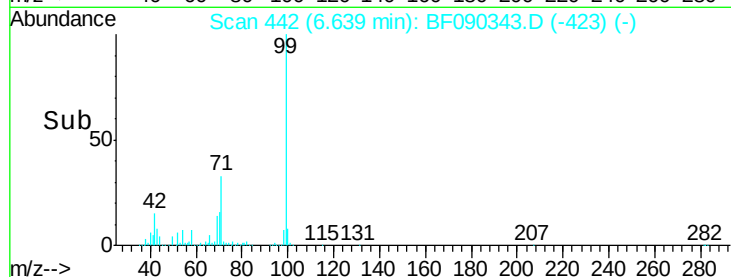
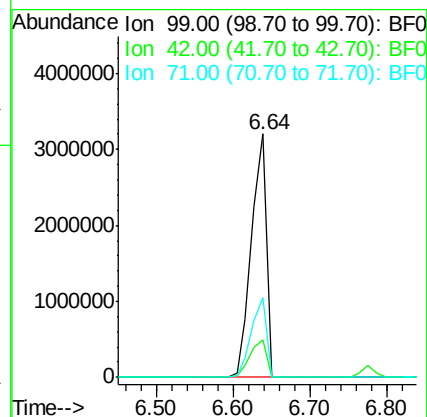
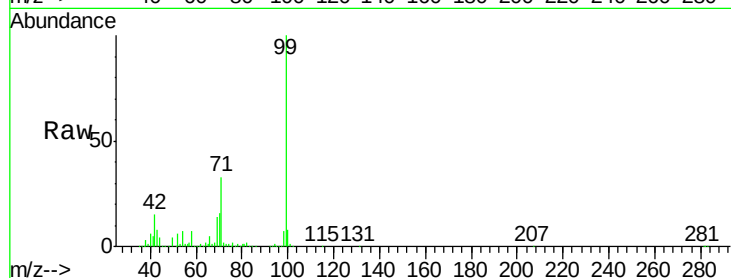
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 4311821

Ion	Ratio	Lower	Upper
99	100		
42	15.2	20.0	30.0#
71	32.5	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 587

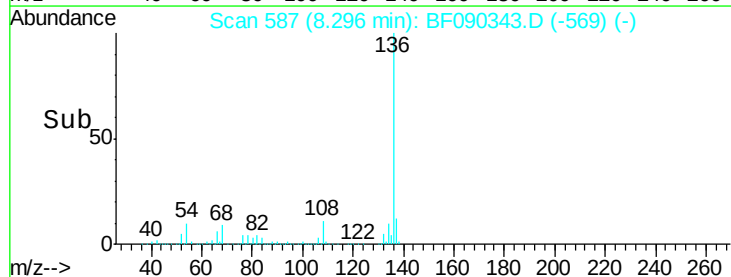
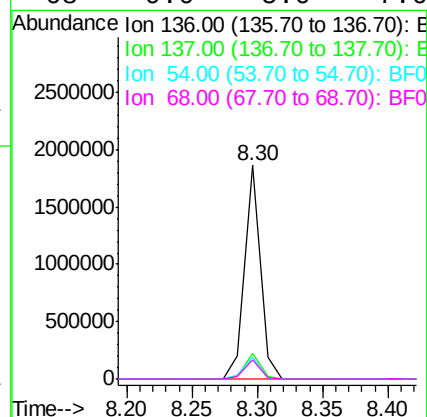
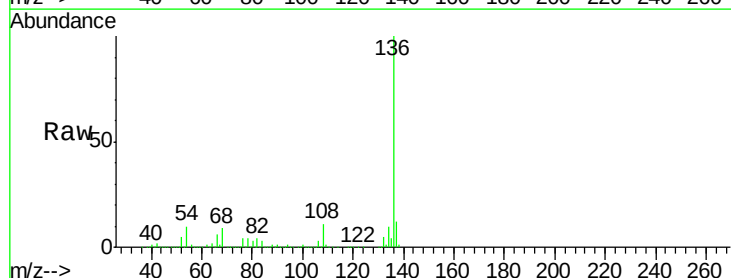
Delta R.T. 0.00 min

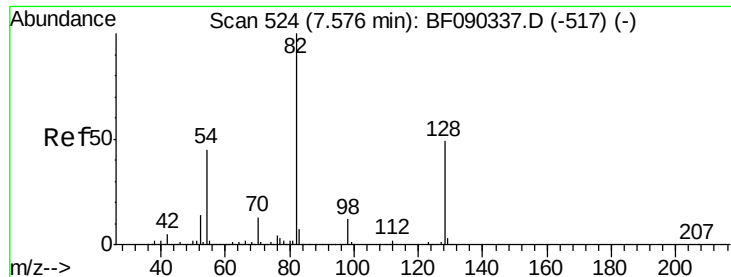
Lab File: BF090343.D

Acq: 4 Oct 2016 14:45

Tgt Ion: 136 Resp: 1546458

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	10.4	6.6	10.0#
68	9.0	5.0	7.6#

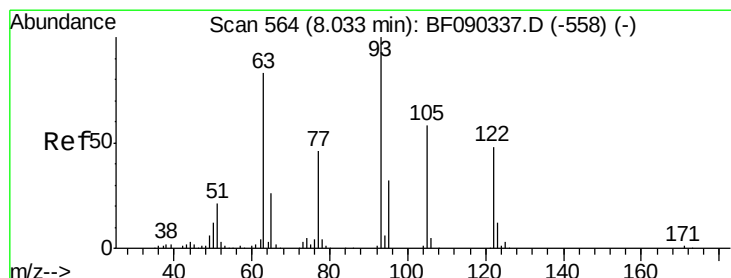
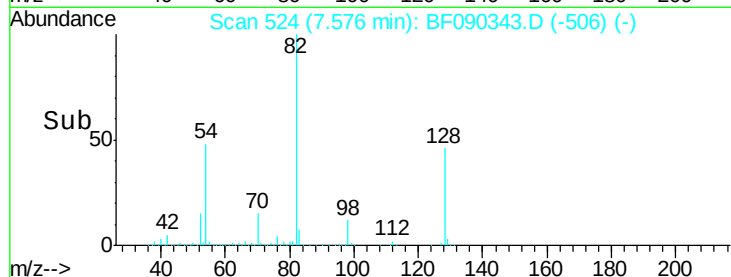
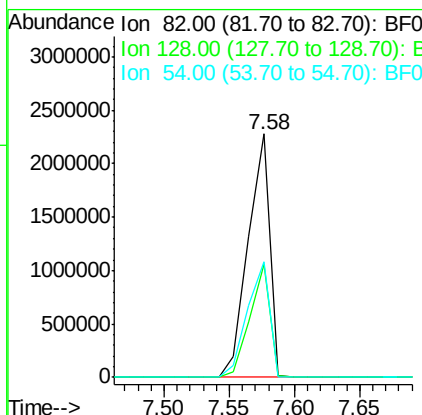
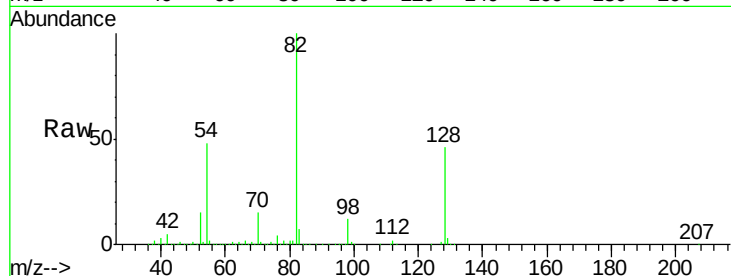




#23
Nitrobenzene-d5
Concen: 98.53 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

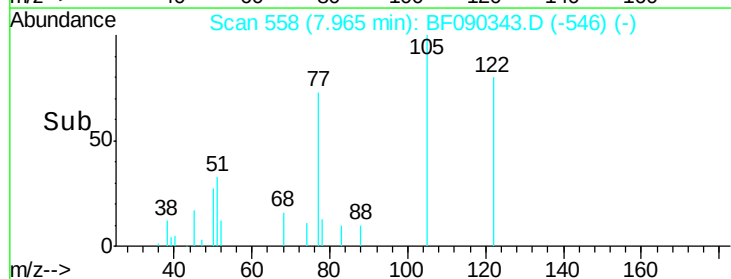
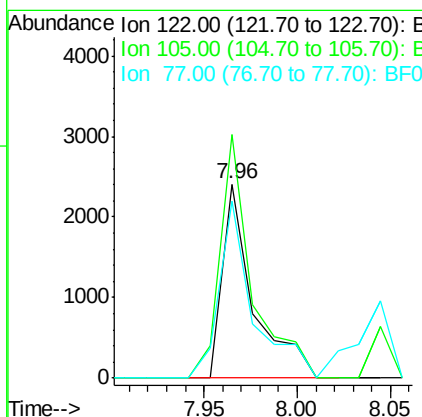
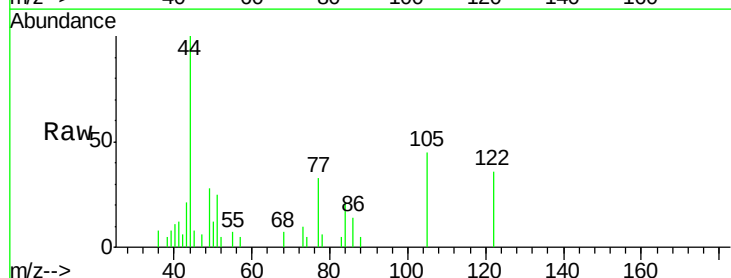
Instrument :
BNA_F
ClientSampleId :

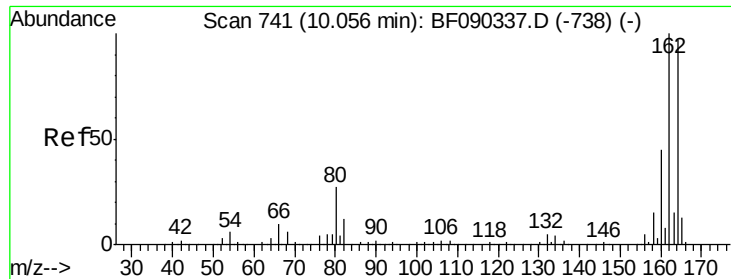
Tot Ion: 82 Resp: 2613915
Ion Ratio Lower Upper
82 100
128 46.2 40.0 60.0
54 47.6 42.6 64.0



#32
Benzoic acid
Concen: 5.42 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.07 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

Tgt Ion:122 Resp: 2798
Ion Ratio Lower Upper
122 100
105 125.5 103.9 143.9
77 91.2 74.6 114.6

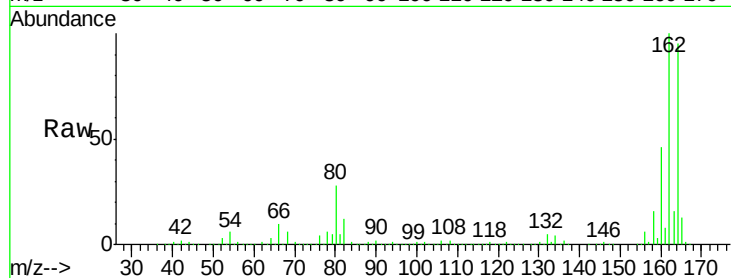




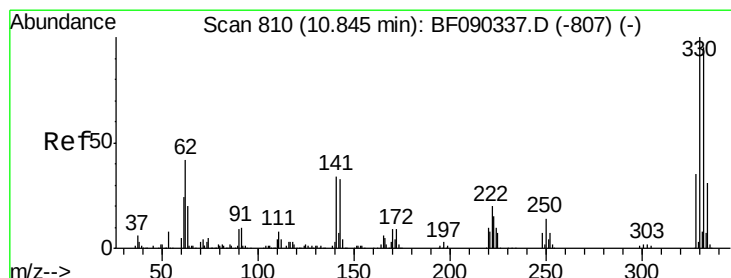
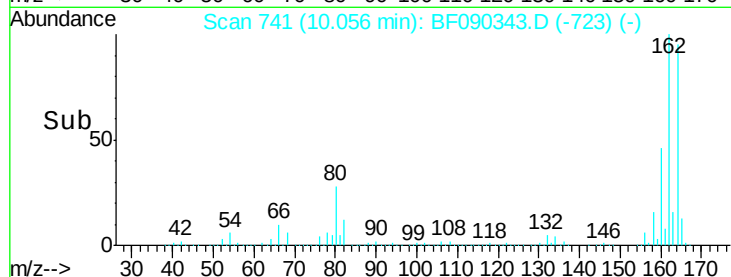
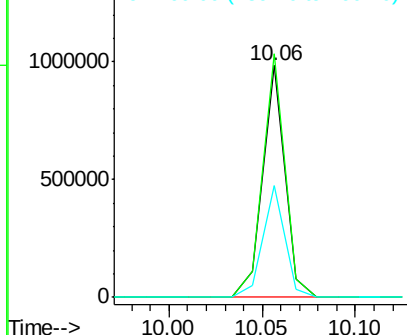
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 803290
Ion Ratio Lower Upper
164 100
162 105.2 80.1 120.1
160 48.4 36.3 54.5

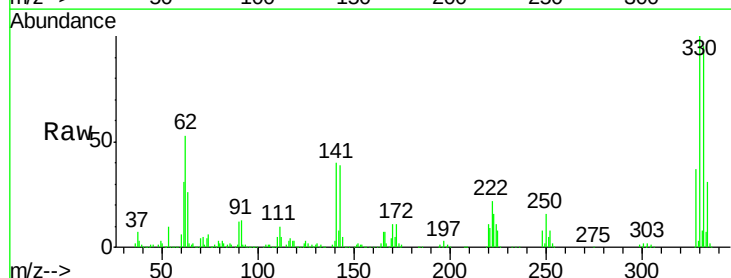


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

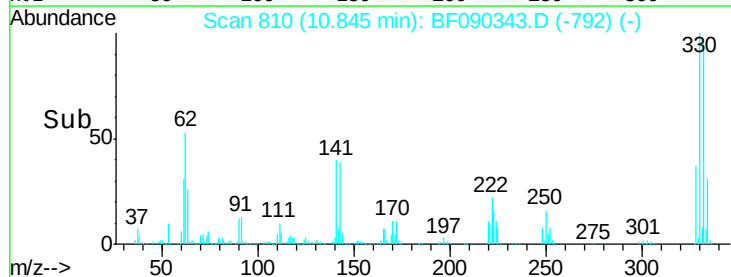
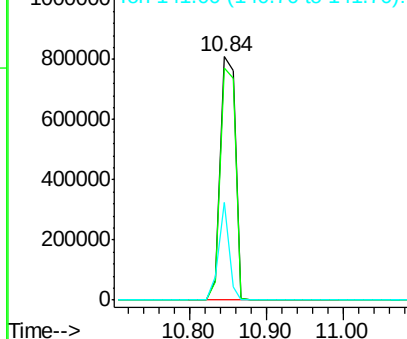


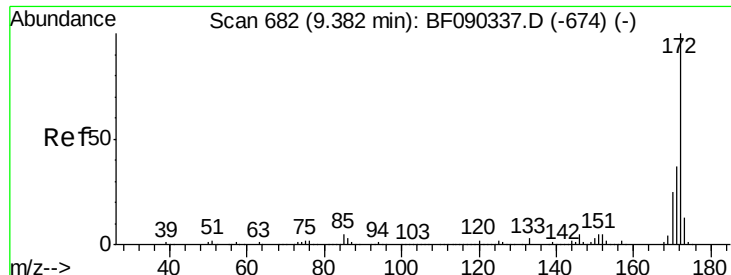
#41
2,4,6-Tribromophenol
Concen: 162.39 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

Tgt Ion:330 Resp: 1132976
Ion Ratio Lower Upper
330 100
332 95.9 75.4 113.0
141 27.6 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

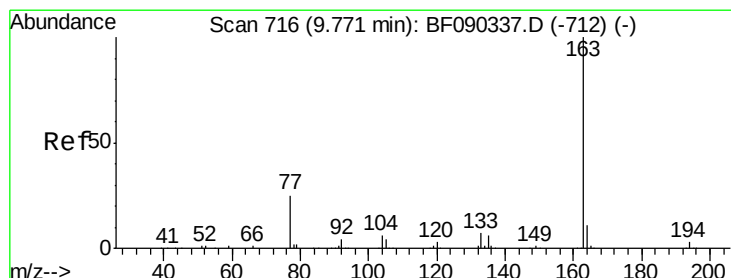
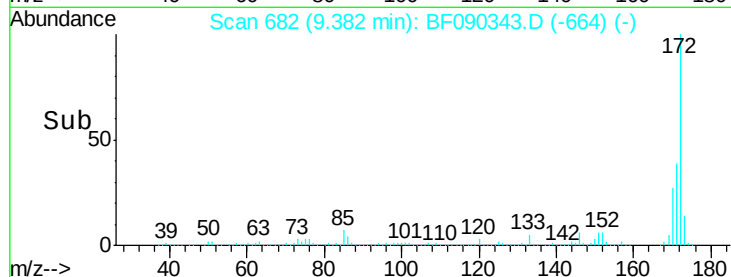
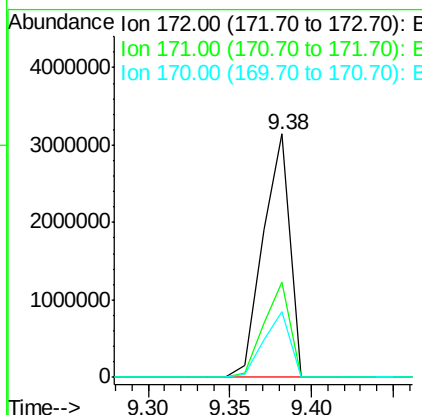
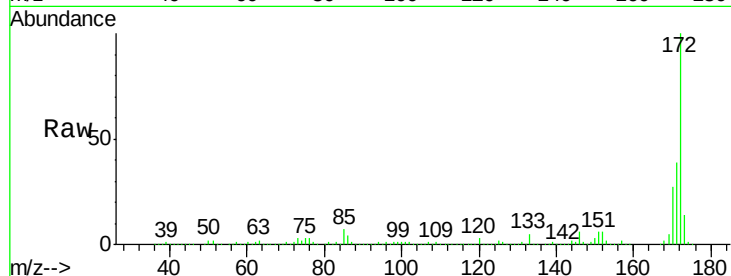




#44
2-Fluorobiphenyl
Concen: 72.66 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

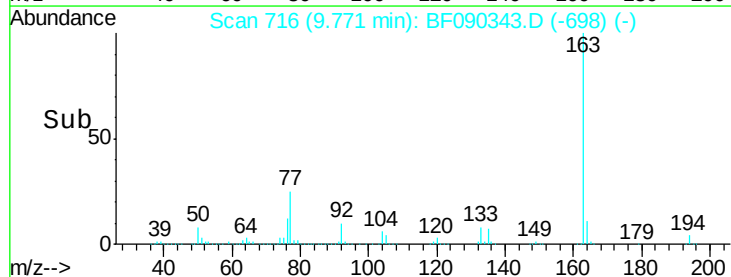
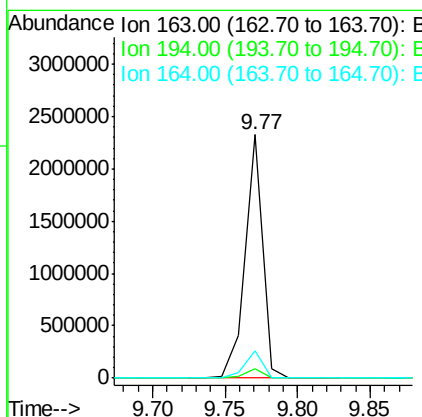
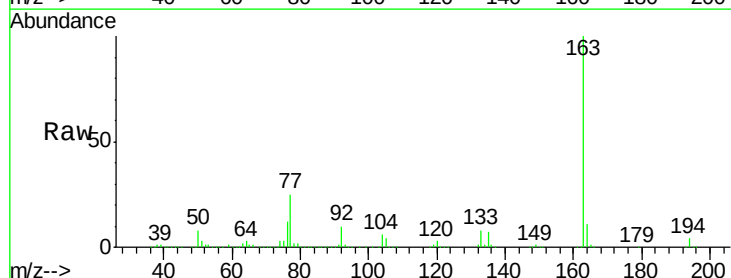
Instrument :
BNA_F
ClientSampleId :

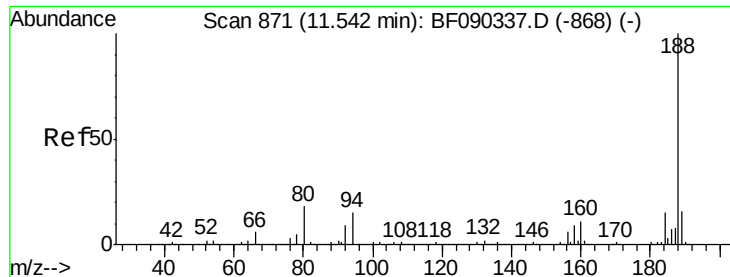
Tot Ion:172 Resp: 3579769
Ion Ratio Lower Upper
172 100
171 39.3 31.8 47.8
170 27.2 21.7 32.5



#49
Dimethylphthalate
Concen: 40.94 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

Tgt Ion:163 Resp: 1946831
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 11.4 9.0 13.4

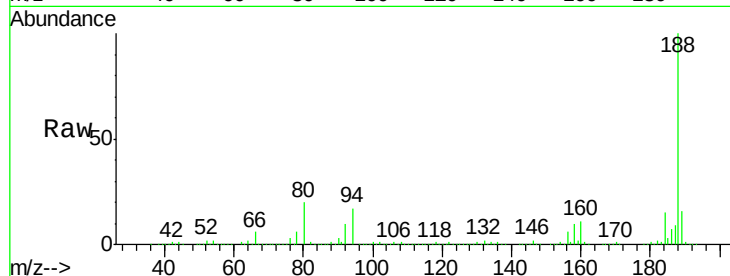




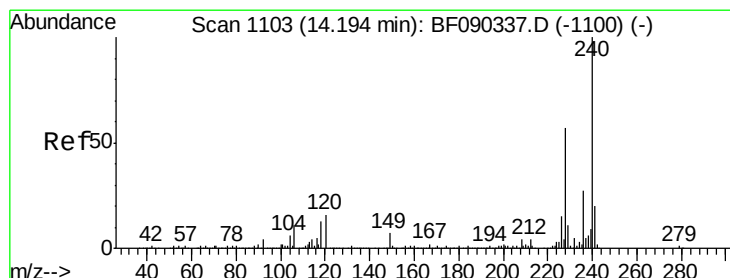
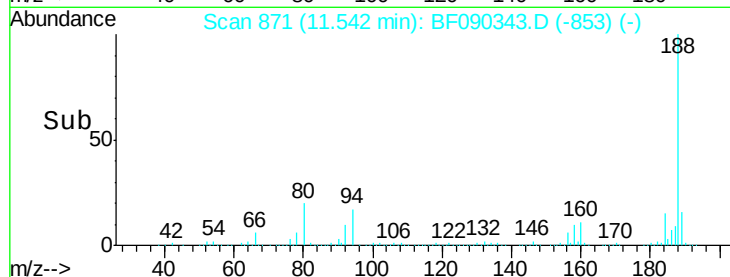
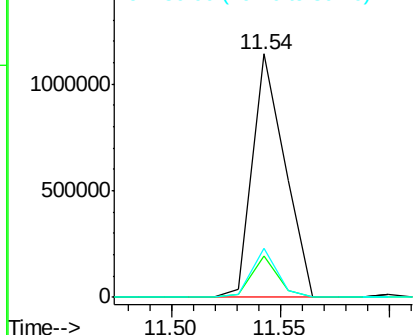
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1190598
Ion Ratio Lower Upper
188 100
94 17.0 8.2 12.2#
80 20.0 8.8 13.2#

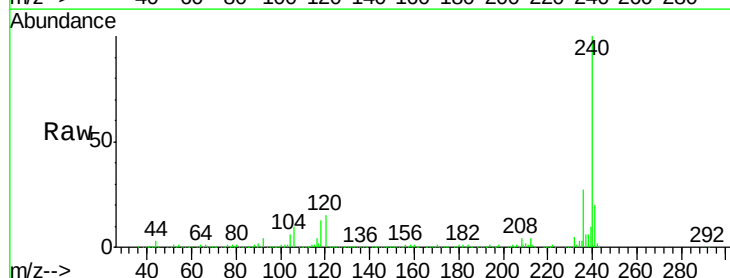


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

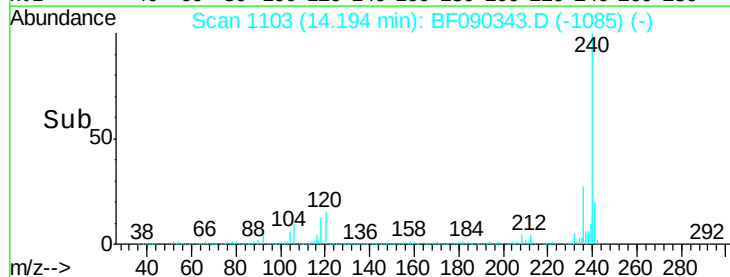
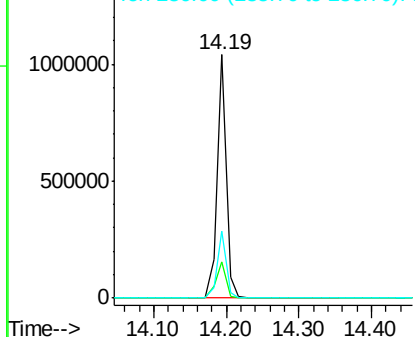


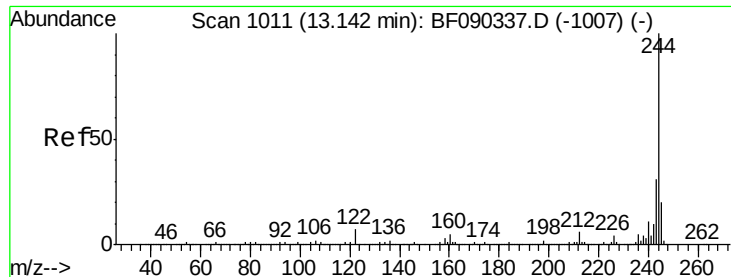
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF090343.D
Acq: 4 Oct 2016 14:45

Tgt Ion:240 Resp: 903047
Ion Ratio Lower Upper
240 100
120 14.7 8.6 13.0#
236 27.5 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: 75.02 ng

RT: 13.14 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF090343.D

Acq: 4 Oct 2016 14:45

Instrument :

BNA_F

ClientSampleId :

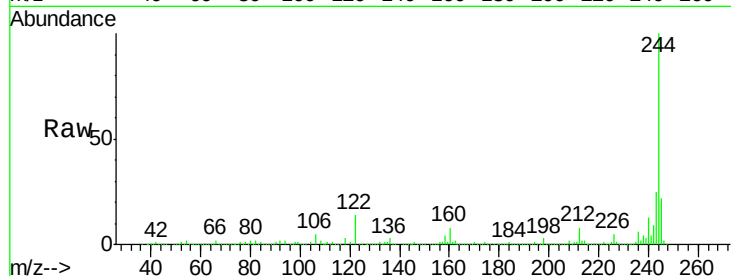
Tot Ion:244 Resp: 2910075

Ion Ratio Lower Upper

244 100

212 7.9 6.8 10.2

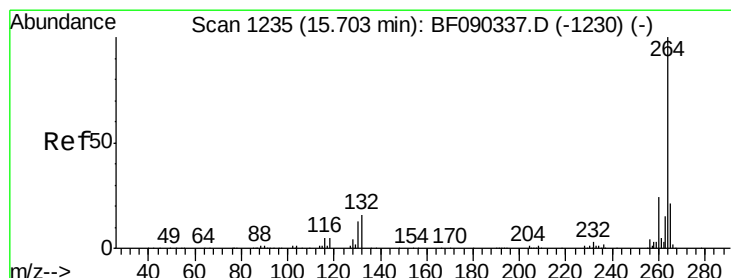
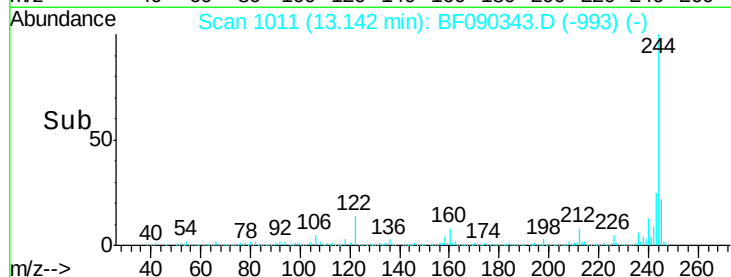
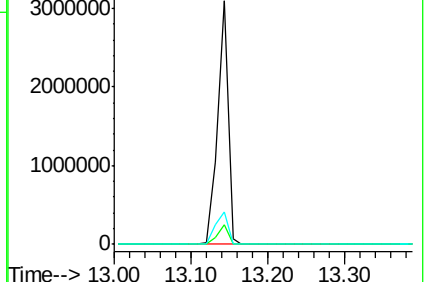
122 13.6 13.3 19.9



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: 15.70 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF090343.D

Acq: 4 Oct 2016 14:45

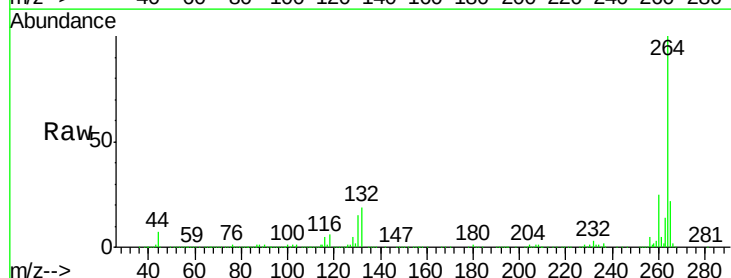
Tgt Ion:264 Resp: 614006

Ion Ratio Lower Upper

264 100

260 25.2 19.3 28.9

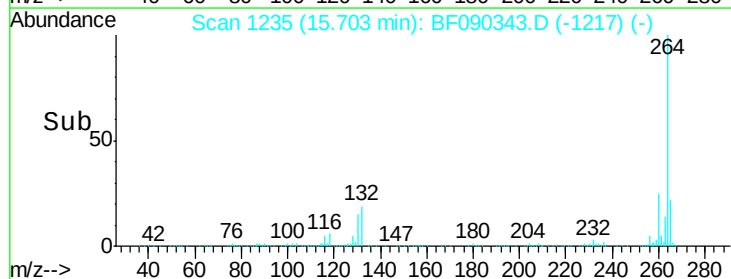
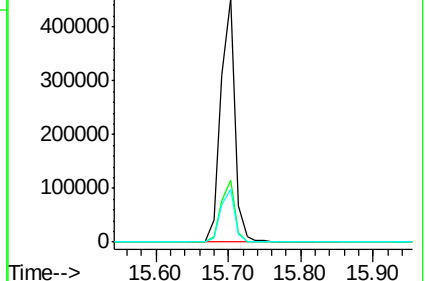
265 21.5 17.4 26.0

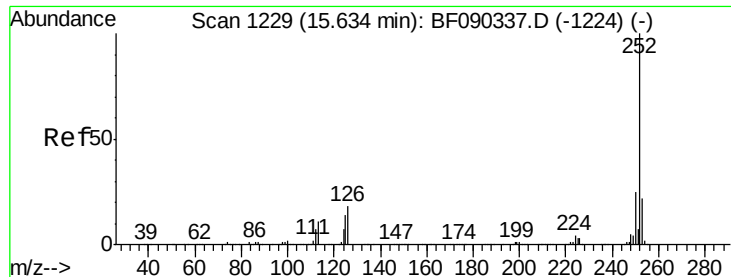


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 2.69 ng

RT: 15.73 min Scan# 1237

Delta R.T. 0.09 min

Lab File: BF090343.D

Acq: 4 Oct 2016 14:45

Instrument :

BNA_F

ClientSampleId :

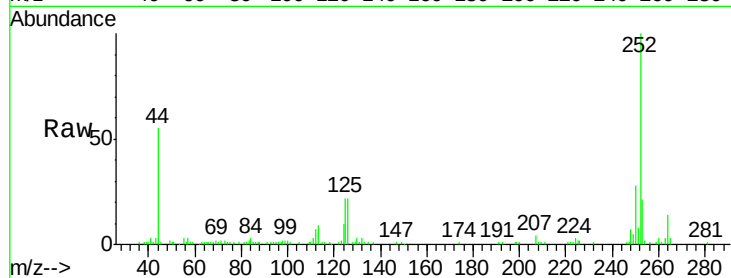
Tot Ion:252 Resp: 86743

Ion Ratio Lower Upper

252 100

253 20.9 18.2 27.4

125 22.2 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

