

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087244.D
 Acq On : 21 May 2016 00:50
 Operator : UM/SJ
 Sample : H3142-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

Quant Time: May 21 02:20:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	119770	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	528757	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	268814	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	494429	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	400133	20.00	ng	-0.01
86) Perylene-d12	15.04	264	285848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	490500	68.84	ng	0.01
7) Phenol-d6	6.23	99	425654	44.54	ng	0.00
23) Nitrobenzene-d5	7.13	82	804386	75.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	319433	107.53	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1554347	95.76	ng	0.00
78) Terphenyl-d14	12.65	244	1358415	76.80	ng	0.00

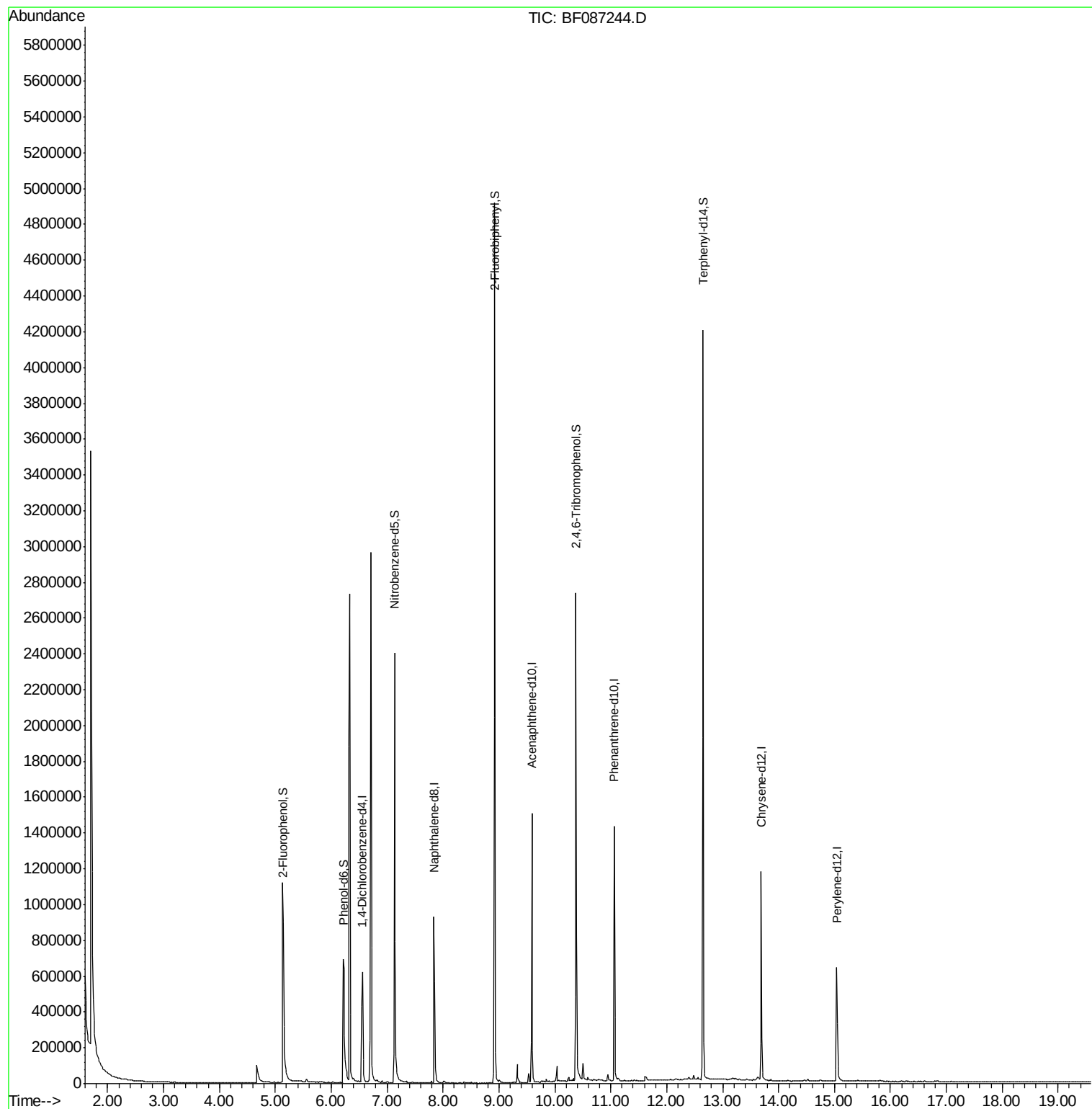
Target Compounds Qvalue

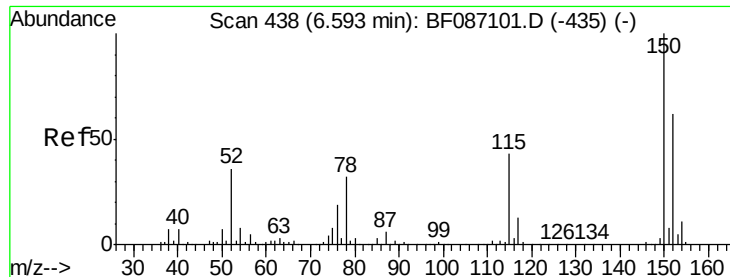
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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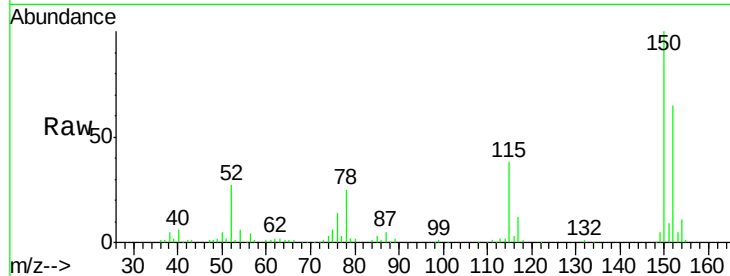


#1

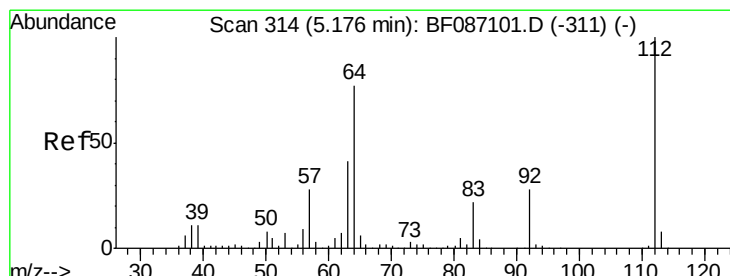
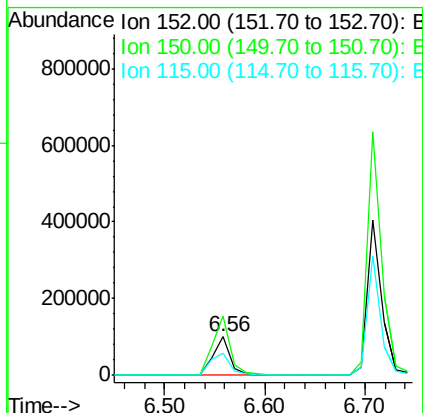
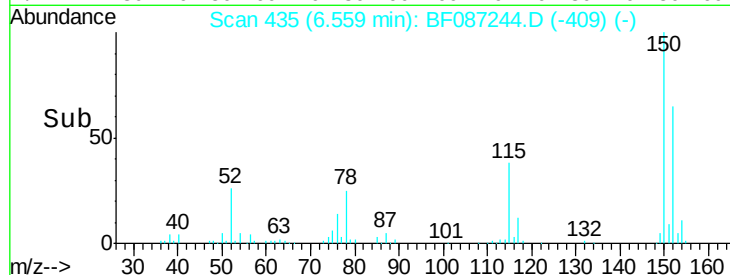
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tot Ion:152 Resp: 119770
Ion Ratio Lower Upper
152 100
150 153.3 125.8 188.6
115 59.0 51.5 77.3



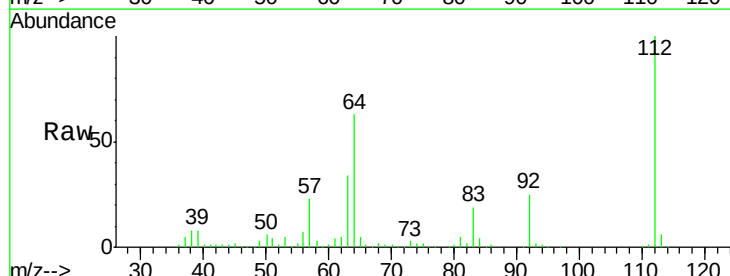
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



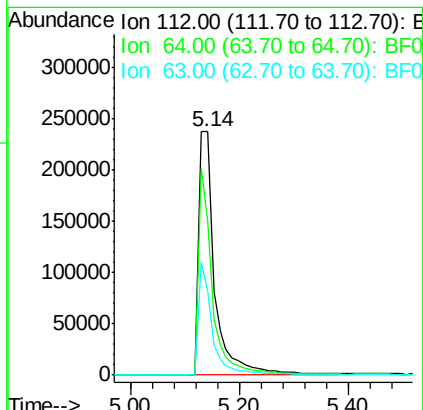
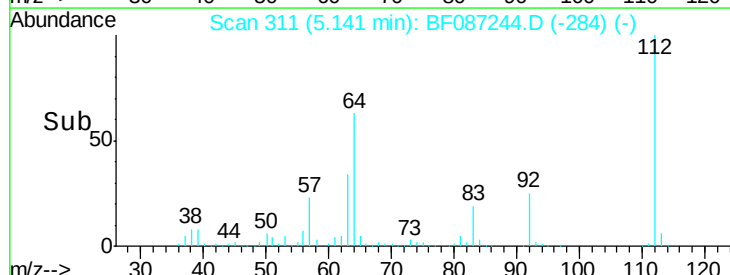
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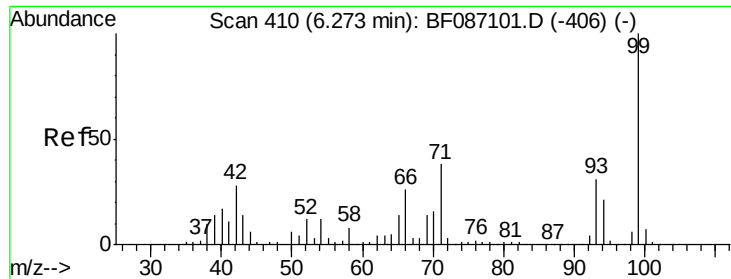
2-Fluorophenol
Concen: 68.84 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion:112 Resp: 490500
Ion Ratio Lower Upper
112 100
64 63.0 52.1 78.1
63 34.3 25.7 38.5



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: 44.54 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087244.D

Acq: 21 May 2016 00:50

Instrument :

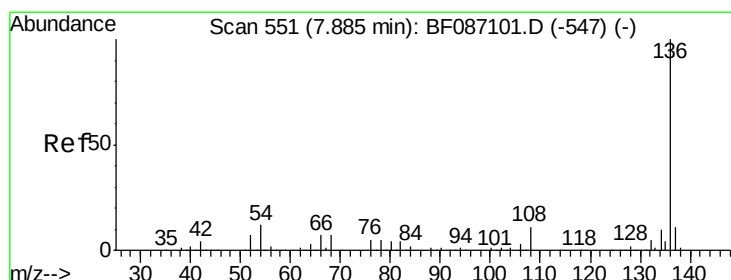
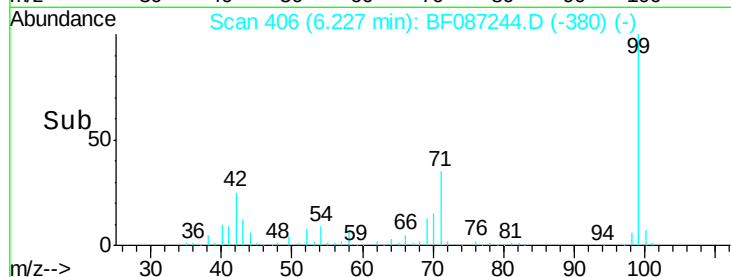
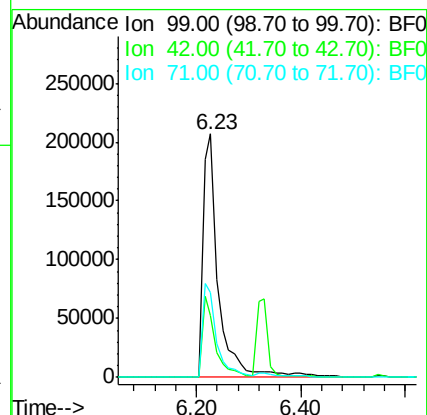
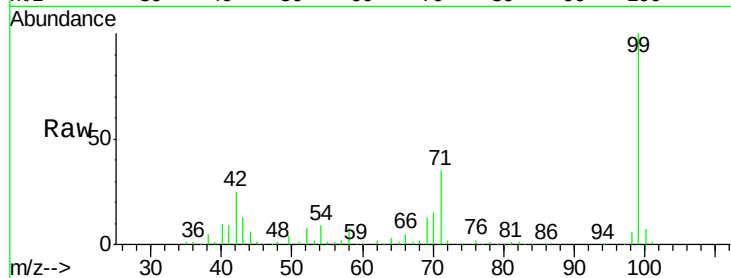
BNA_F

ClientSampleId :

RAV-GT-106

Tot Ion: 99 Resp: 425654

Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.6	20.4#
71	34.7	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

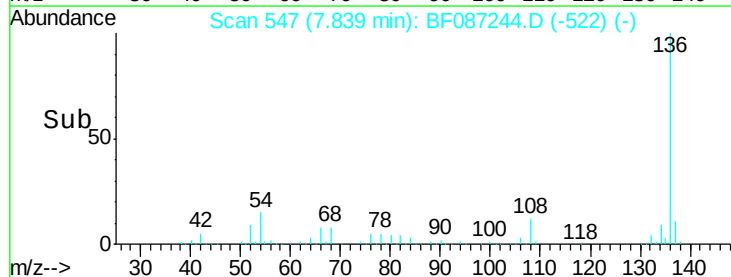
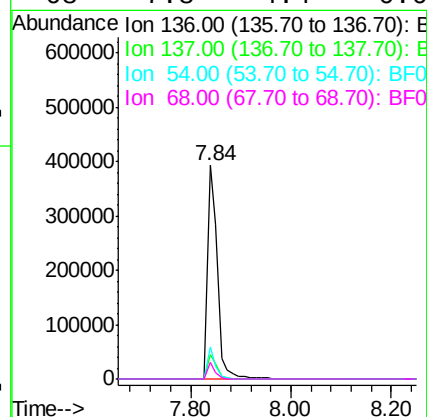
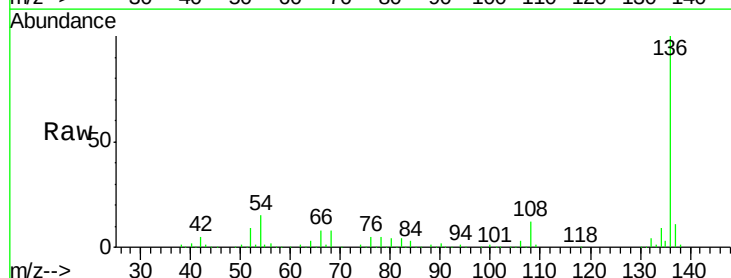
Delta R.T. -0.01 min

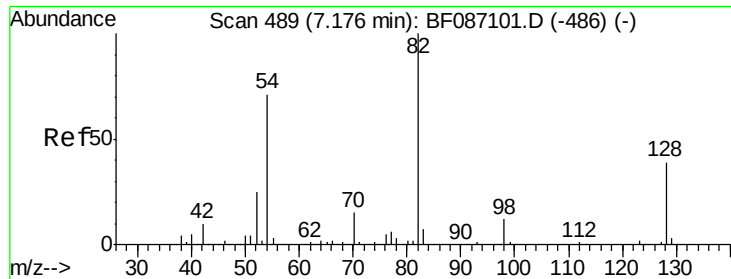
Lab File: BF087244.D

Acq: 21 May 2016 00:50

Tgt Ion: 136 Resp: 528757

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.8	5.0	7.4#
68	7.8	4.4	6.6#

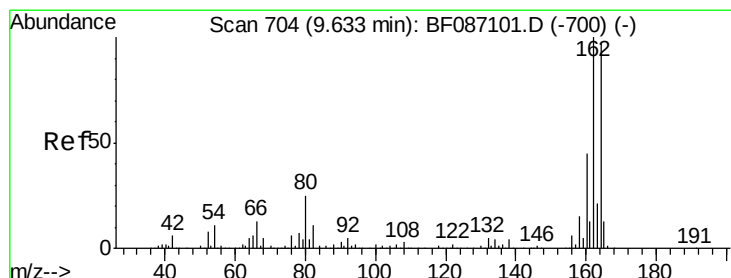
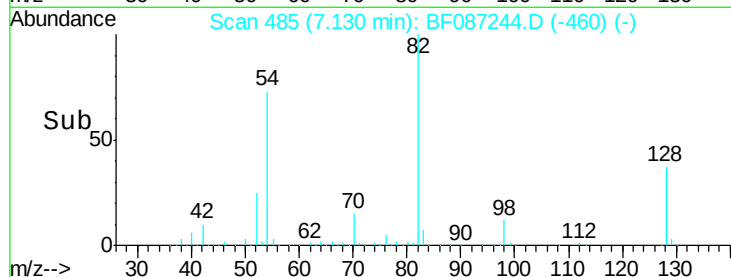
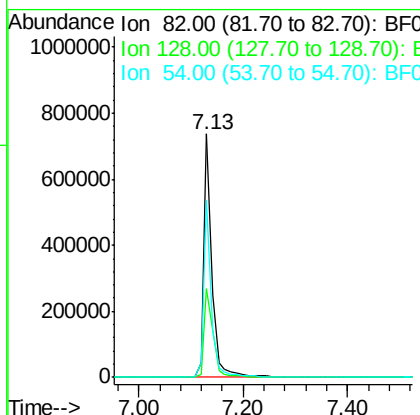
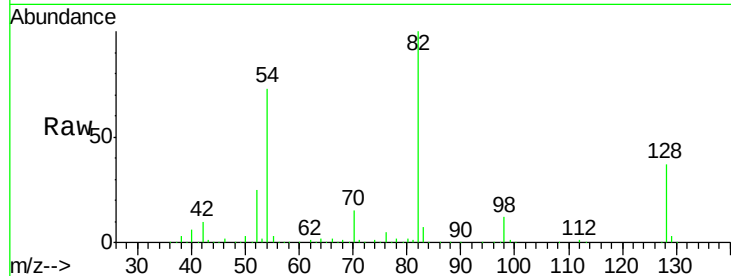




#23
 Nitrobenzene-d5
 Concen: 75.82 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087244.D
 Acq: 21 May 2016 00:50

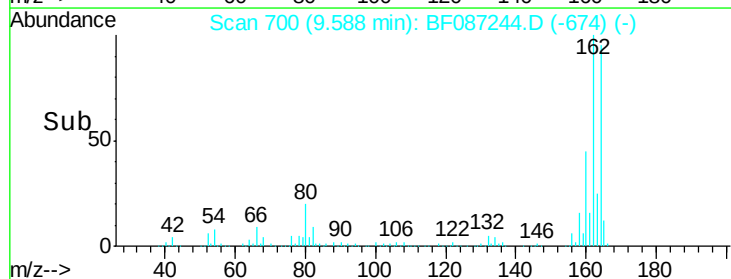
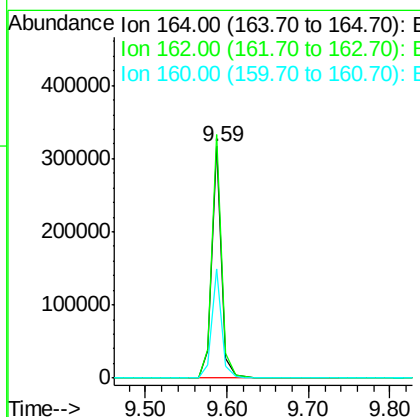
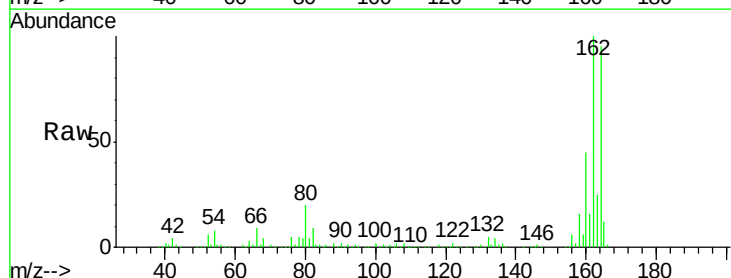
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

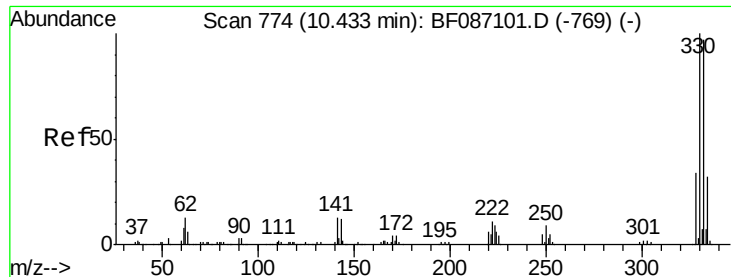
Tot Ion	82	Resp	804386
Ion Ratio	Lower	Upper	
82	100		
128	36.7	40.6	61.0#
54	72.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087244.D
 Acq: 21 May 2016 00:50

Tgt Ion	164	Resp	268814
Ion Ratio	Lower	Upper	
164	100		
162	105.2	82.8	124.2
160	46.9	36.9	55.3

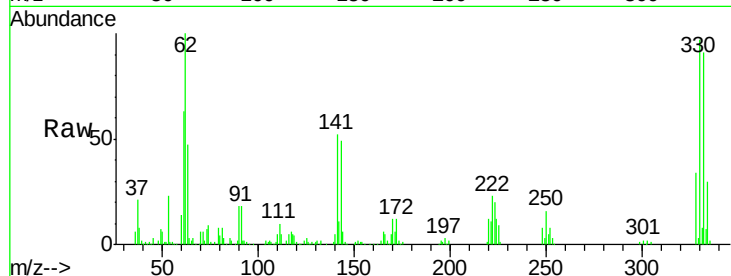




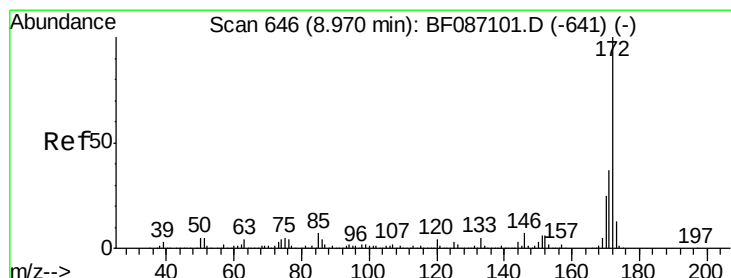
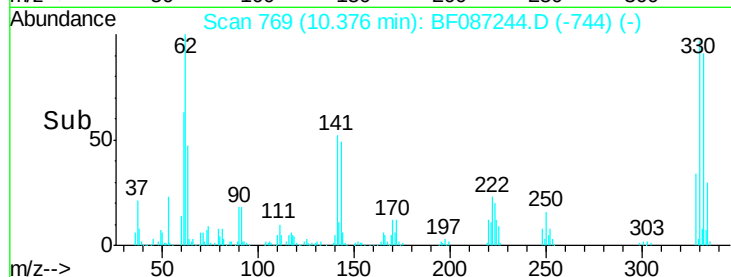
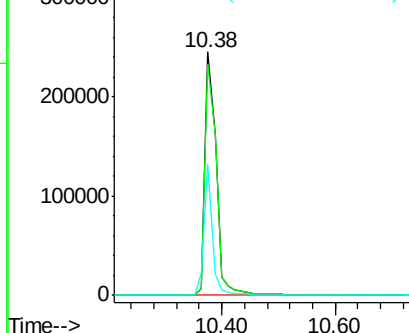
#41
 2,4,6-Tribromophenol
 Concen: 107.53 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087244.D
 Acq: 21 May 2016 00:50

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	41.9	31.2	46.8

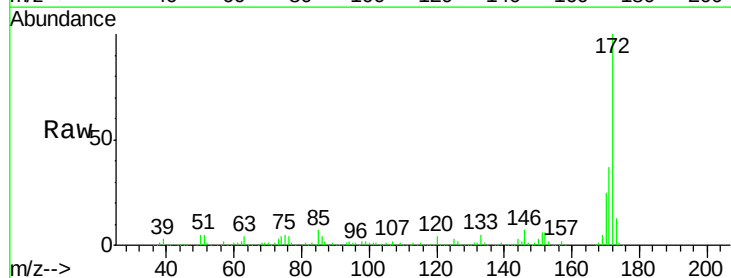


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

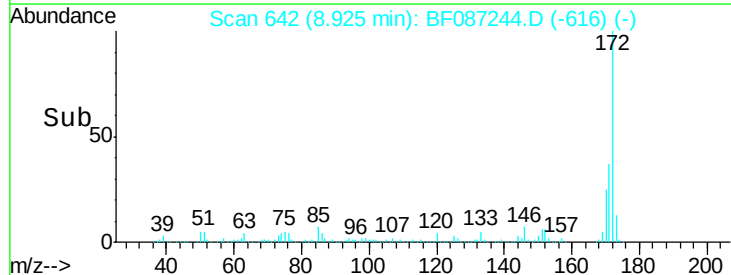
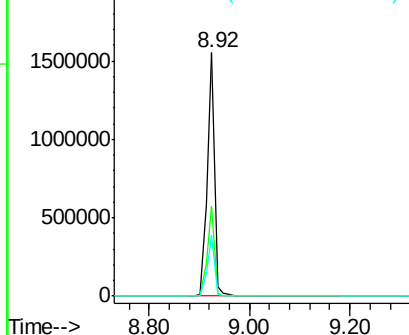


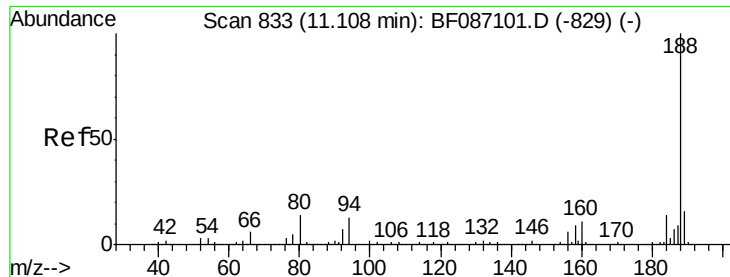
#44
 2-Fluorobiphenyl
 Concen: 95.76 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087244.D
 Acq: 21 May 2016 00:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.1	19.8	29.8



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

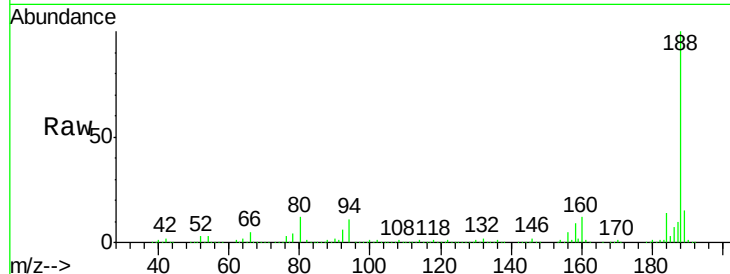




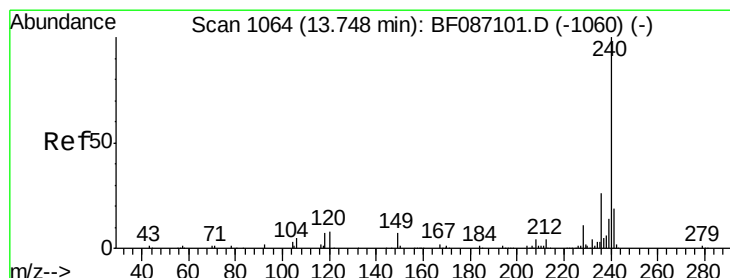
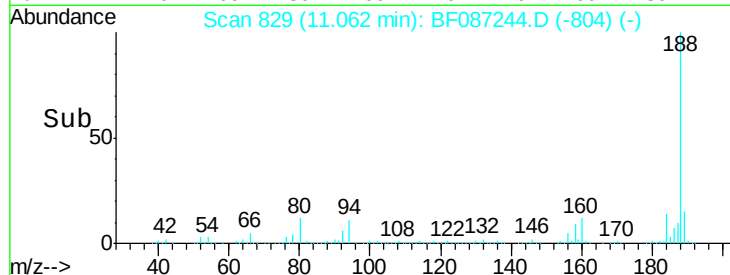
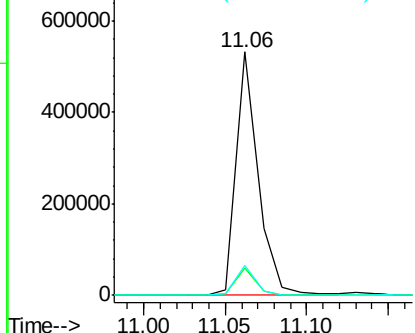
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tot Ion:188 Resp: 494429
Ion Ratio Lower Upper
188 100
94 11.4 6.8 10.2#
80 12.1 7.1 10.7#

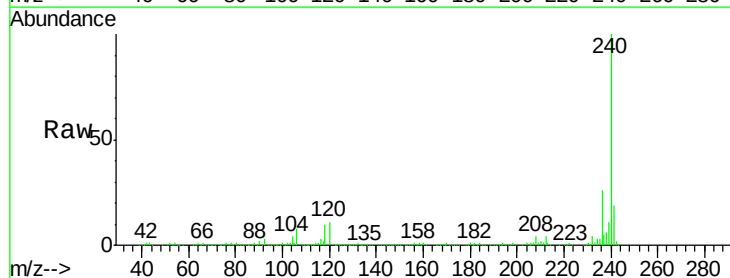


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

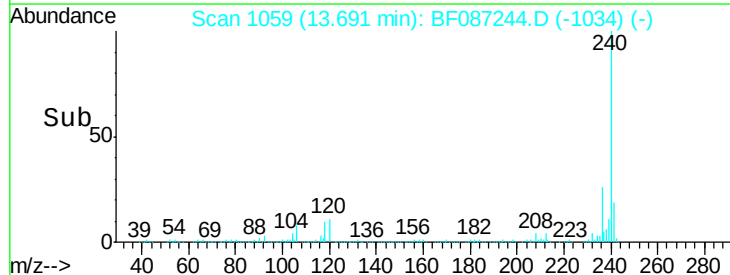
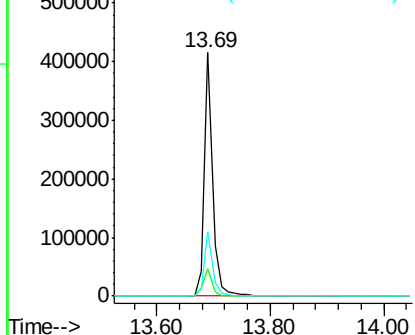


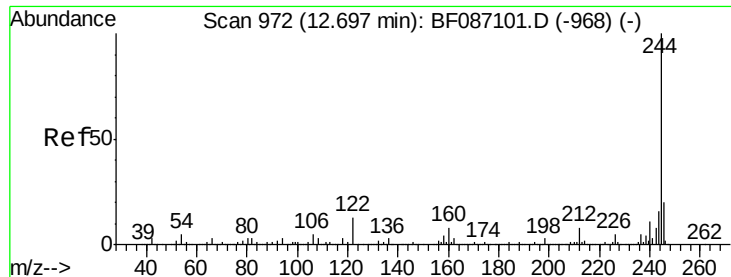
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion:240 Resp: 400133
Ion Ratio Lower Upper
240 100
120 11.2 11.2 16.8
236 26.4 21.2 31.8



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

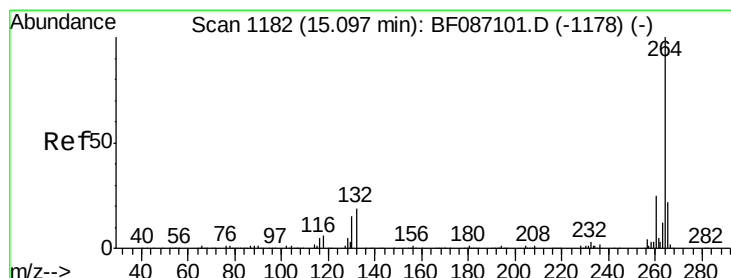
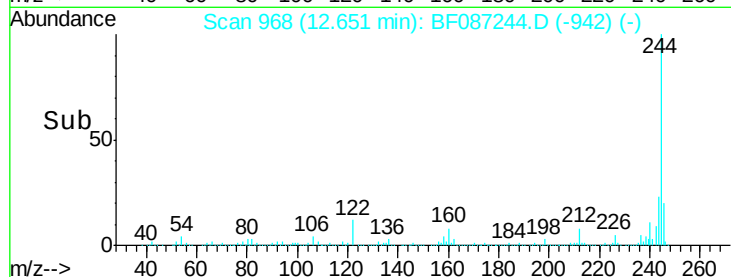
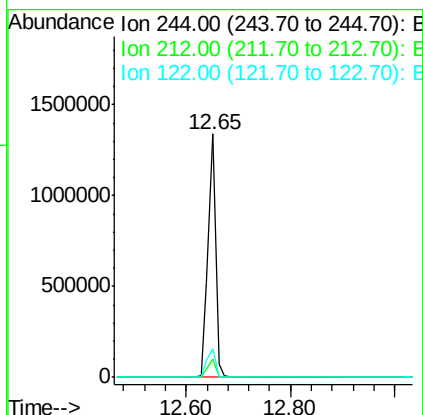
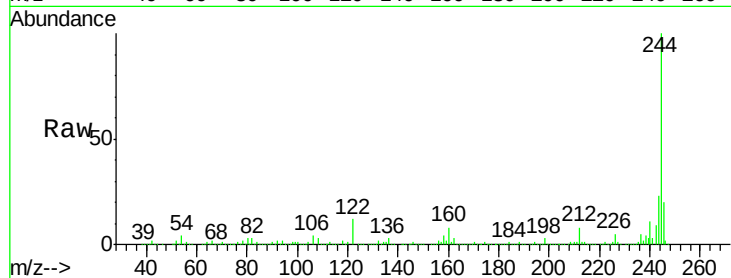




#78
 Terphenyl-d14
 Concen: 76.80 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF087244.D
 Acq: 21 May 2016 00:50

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

Tot Ion:244 Resp: 1358415
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.5 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF087244.D
 Acq: 21 May 2016 00:50

Tgt Ion:264 Resp: 285848
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.3 17.3 25.9

