

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090538.D
 Acq On : 12 Oct 2016 16:32
 Operator : UM/SJ
 Sample : H5158-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-113

Manual Integrations
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Quant Time: Oct 12 18:10:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	204328	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	875828	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	454782	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	754839	20.00	ng	0.00
75) Chrysene-d12	14.12	240	525141	20.00	ng	-0.01
86) Perylene-d12	15.60	264	390954	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	721696	54.95	ng	0.00
7) Phenol-d6	6.59	99	681085	41.09	ng	0.00
23) Nitrobenzene-d5	7.51	82	1233179	76.37	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	532661	118.16	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2168500	80.13	ng	-0.01
78) Terphenyl-d14	13.07	244	1872732	87.15	ng	-0.01

Target Compounds Qvalue

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

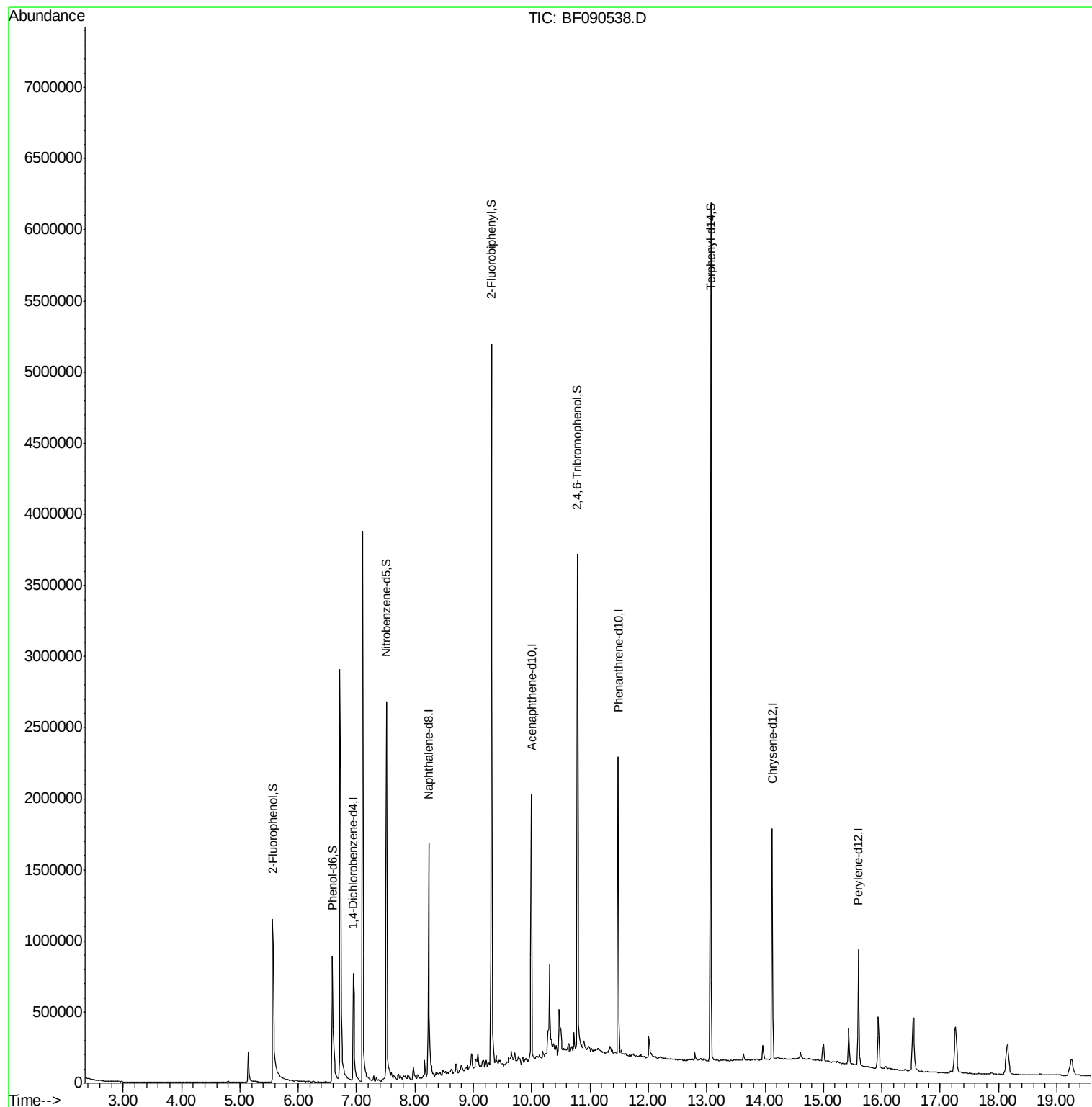
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090538.D
Acq On : 12 Oct 2016 16:32
Operator : UM/SJ
Sample : H5158-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

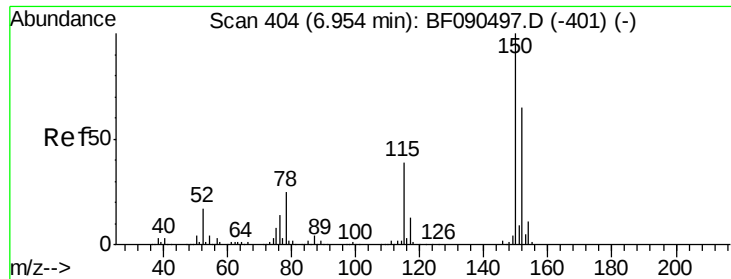
Instrument :
BNA_F
ClientSampleId :
RAV-GT-113

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

RAV-GT-113

Tot Ion:152 Resp: 204328

Ion Ratio Lower Upper

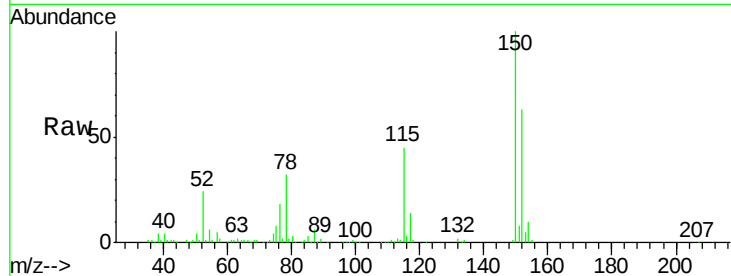
152 100

150 158.9 124.6 186.8

115 72.0 46.2 69.4

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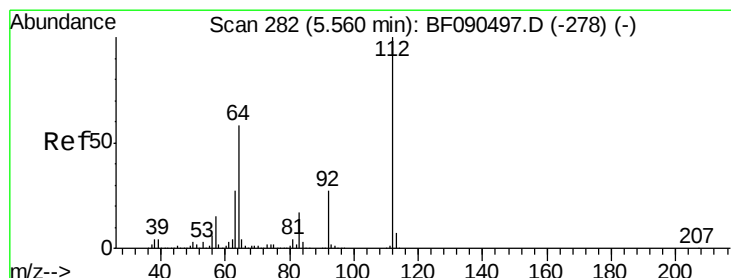
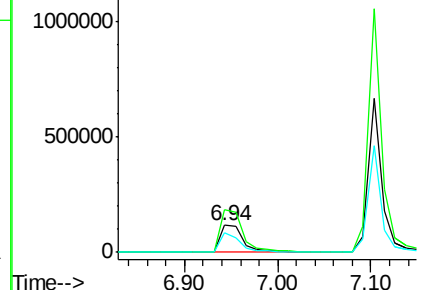
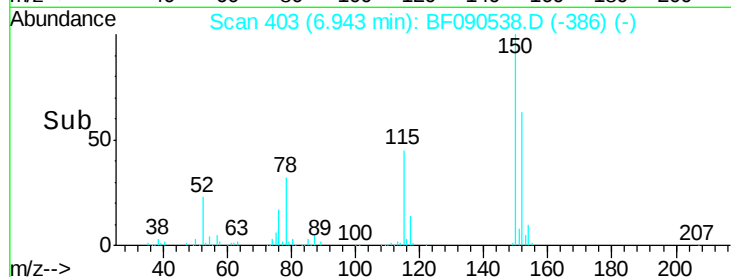
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 54.95 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

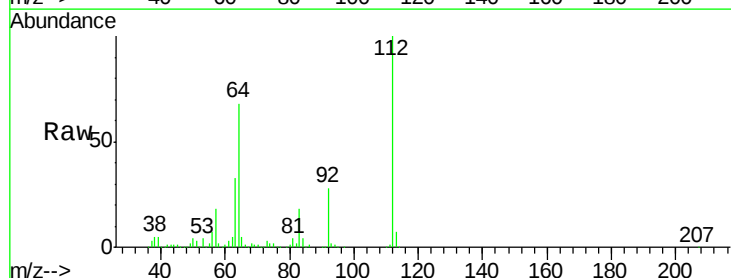
Tgt Ion:112 Resp: 721696

Ion Ratio Lower Upper

112 100

64 67.9 57.9 86.9

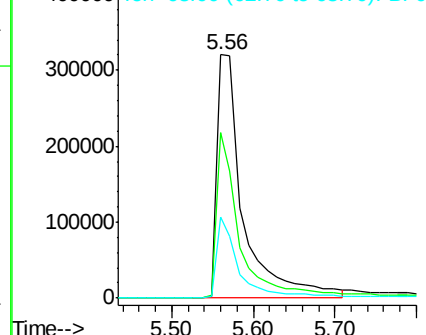
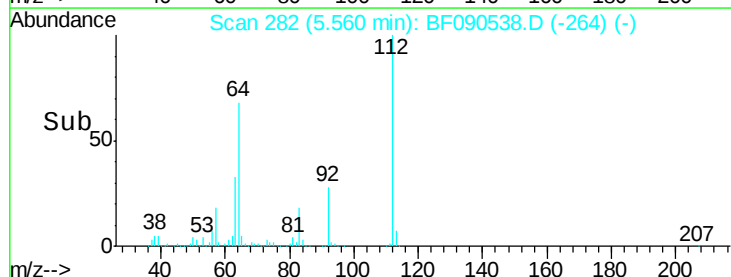
63 33.1 29.6 44.4

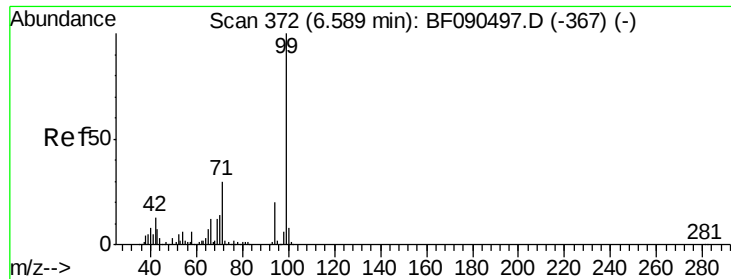


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.09 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

Instrument :

BNA_F

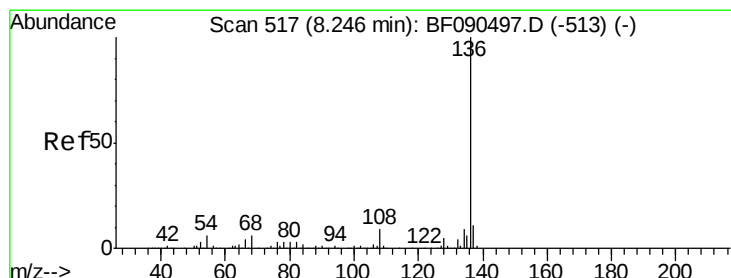
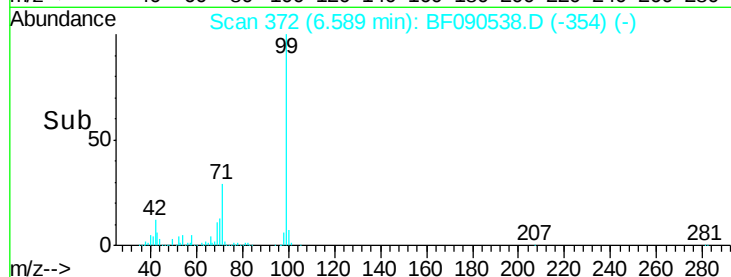
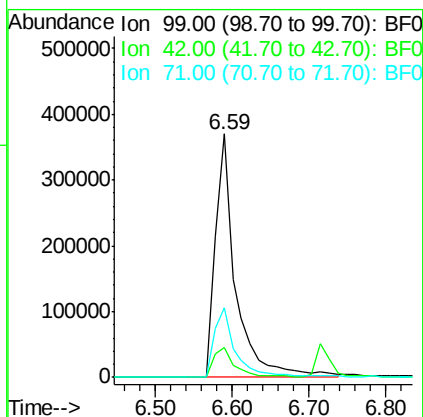
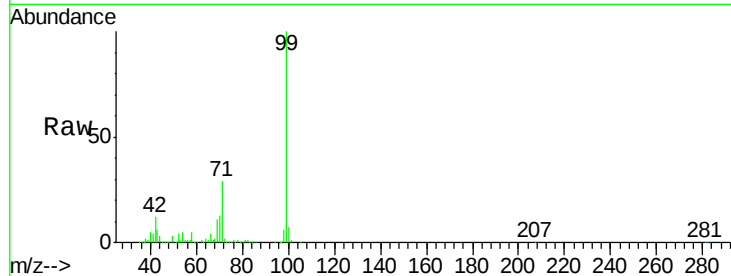
ClientSampleId :

RAV-GT-113

Tot Ion:	99	Resp:	681085
Ion	Ratio	Lower	Upper
99	100		
42	12.0	20.0	30.0#
71	28.6	27.9	41.9

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#21

Naphthalene-d8

Concen: 20.00 ng

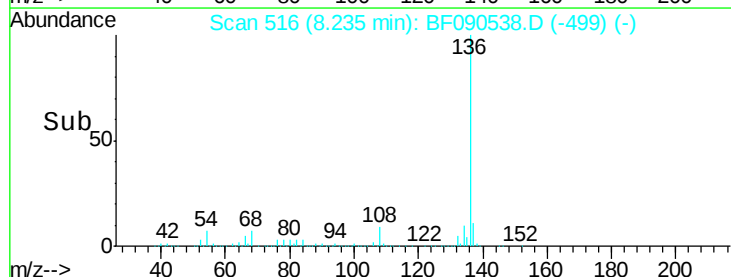
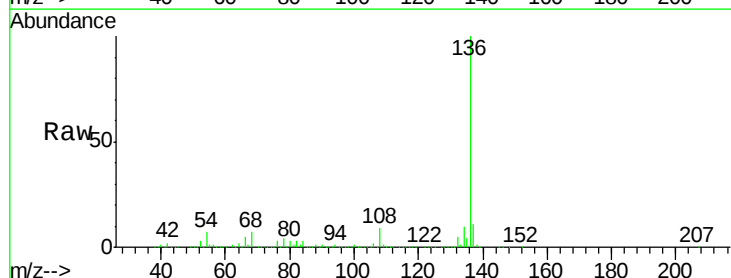
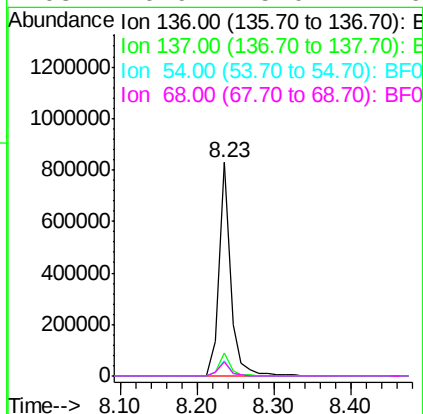
RT: 8.23 min Scan# 516

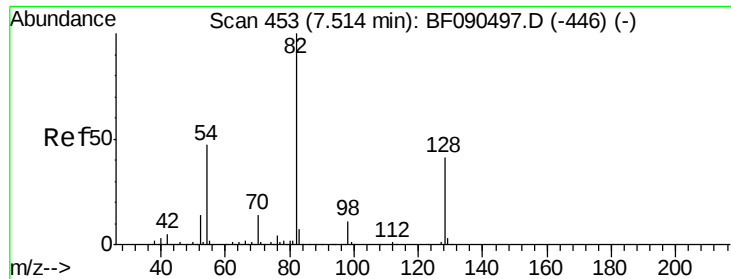
Delta R.T. -0.01 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

Tgt Ion:	136	Resp:	875828
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.1	6.6	10.0
68	6.9	5.0	7.6





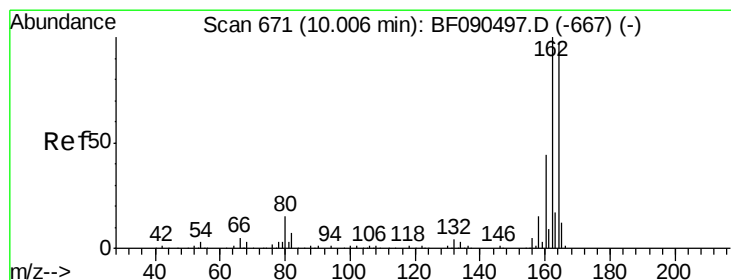
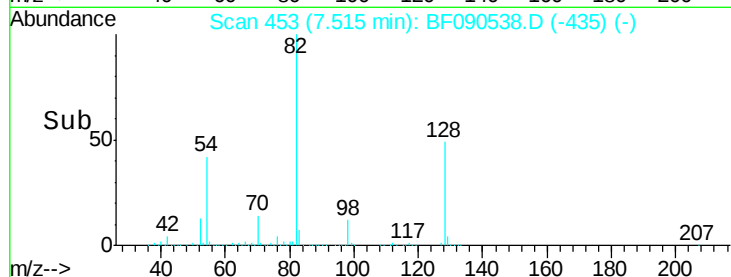
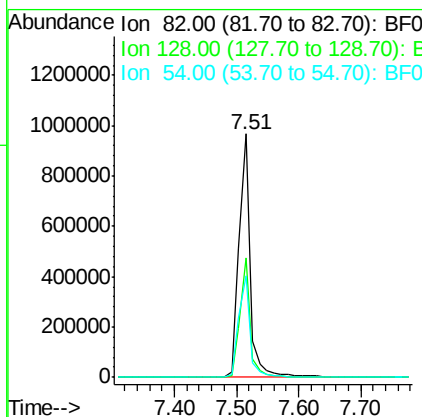
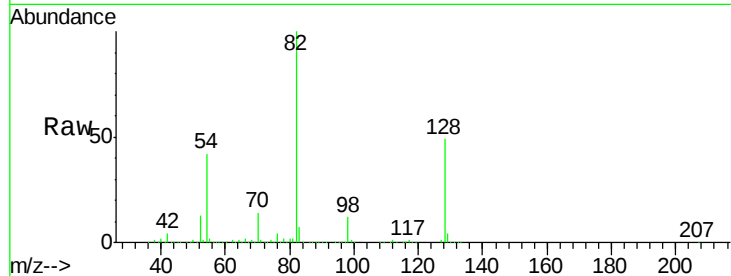
#23
 Nitrobenzene-d5
 Concen: 76.37 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090538.D
 Acq: 12 Oct 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-113

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.0	60.0
54	41.7	42.6	64.0#

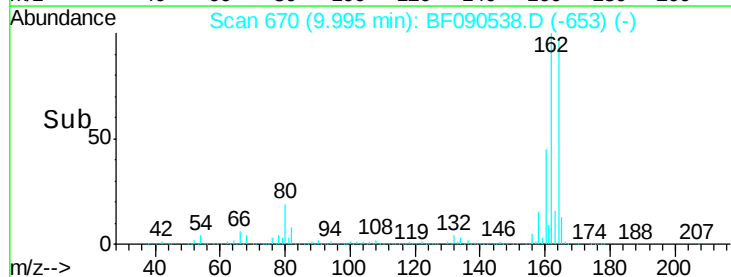
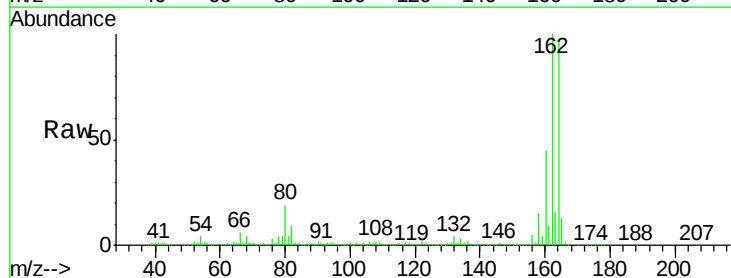
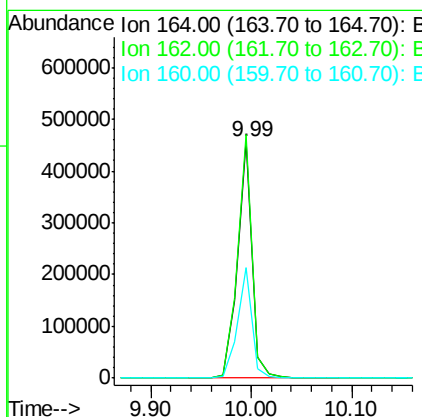
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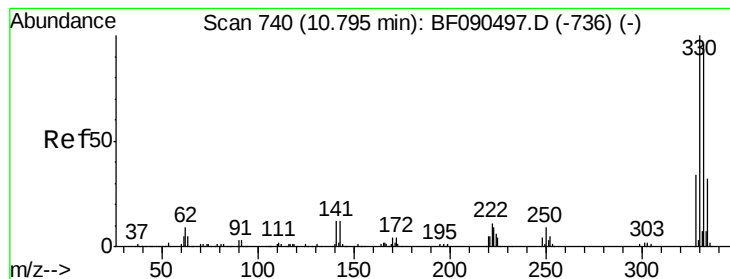
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090538.D
 Acq: 12 Oct 2016 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.1	120.1
160	46.6	36.3	54.5





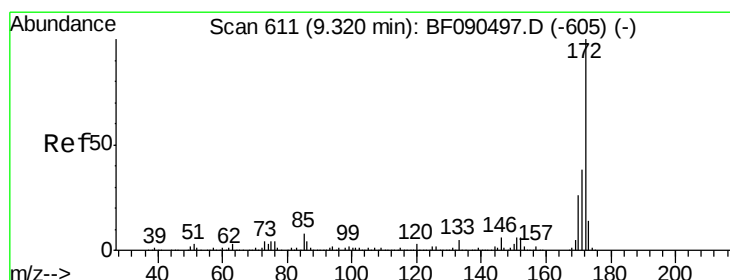
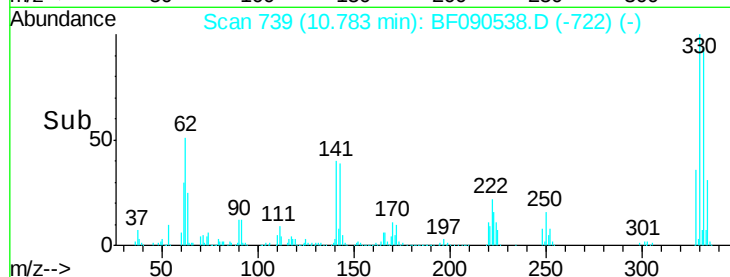
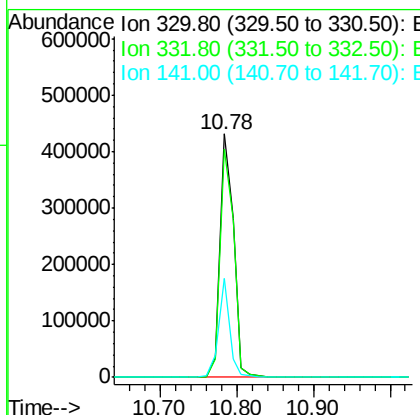
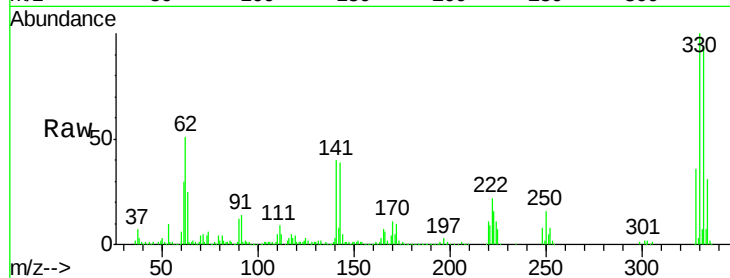
#41
 2,4,6-Tribromophenol
 Concen: 118.16 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090538.D
 Acq: 12 Oct 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-113

Tot Ion	Ratio	Resp	Lower	Upper
330	100	532661		
332	95.5	75.4	113.0	
141	32.4	26.9	40.3	

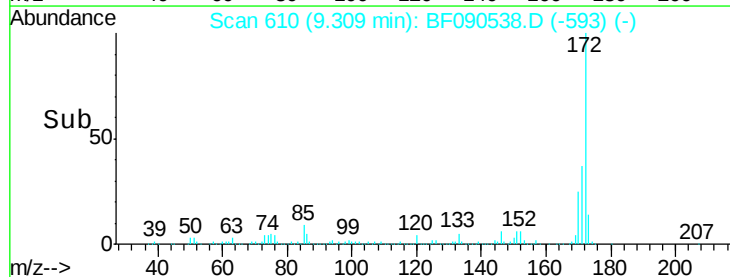
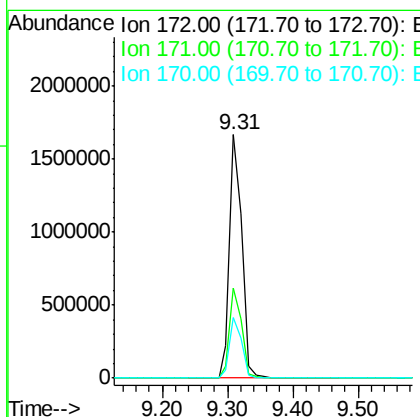
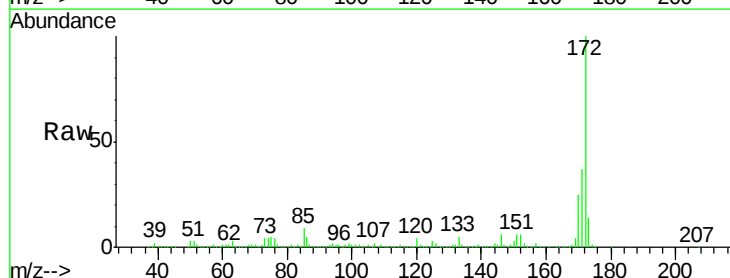
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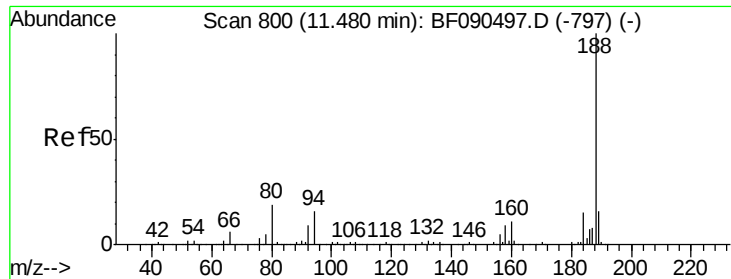
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#44
 2-Fluorobiphenyl
 Concen: 80.13 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090538.D
 Acq: 12 Oct 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2168500		
171	37.0	31.8	47.8	
170	24.7	21.7	32.5	





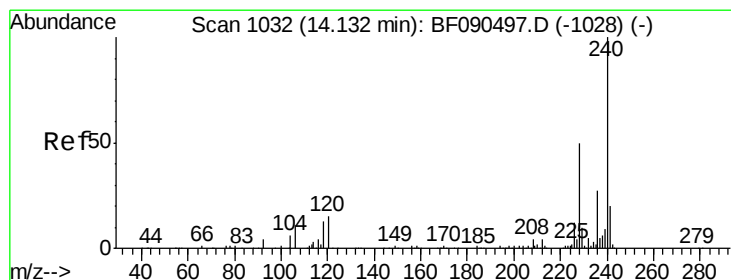
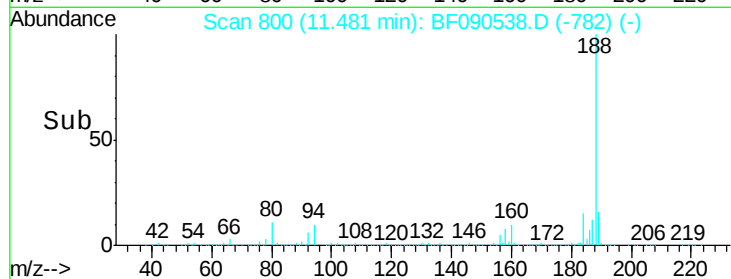
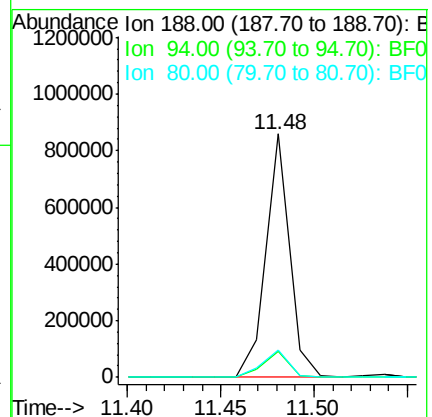
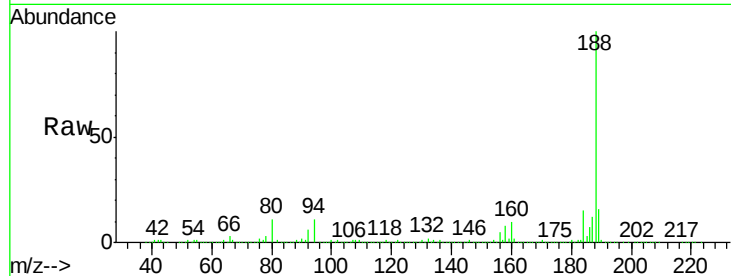
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090538.D
Acq: 12 Oct 2016 16:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT-113

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	8.2	12.2
80	11.4	8.8	13.2

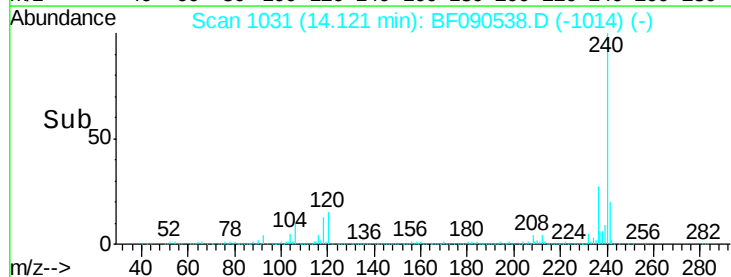
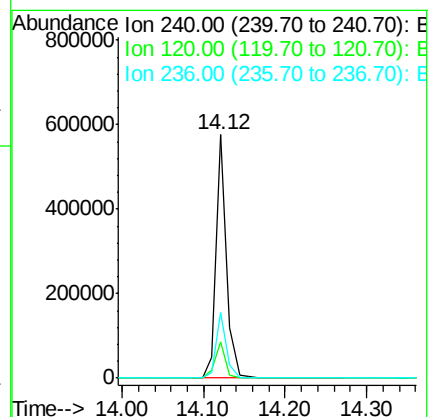
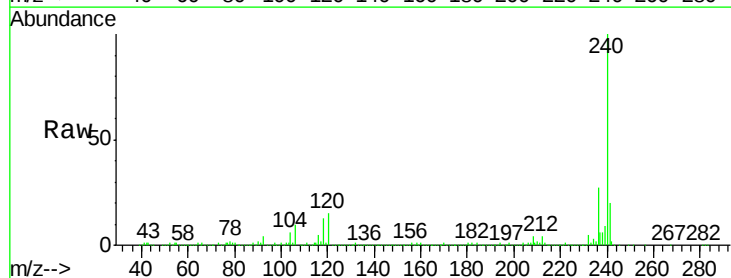
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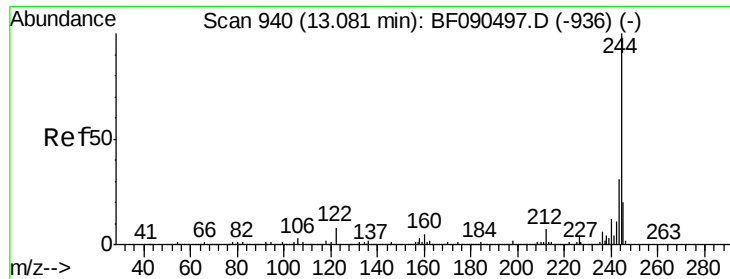
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090538.D
Acq: 12 Oct 2016 16:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.7	8.6	13.0#
236	27.1	21.6	32.4





#78

Terphenyl-d14

Concen: 87.15 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

Instrument :

BNA_F

ClientSampled :

RAV-GT-113

Tot Ion:244 Resp: 1872732

Ion Ratio Lower Upper

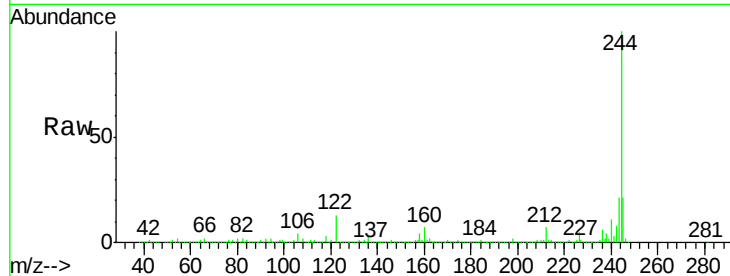
244 100

212 7.3 6.8 10.2

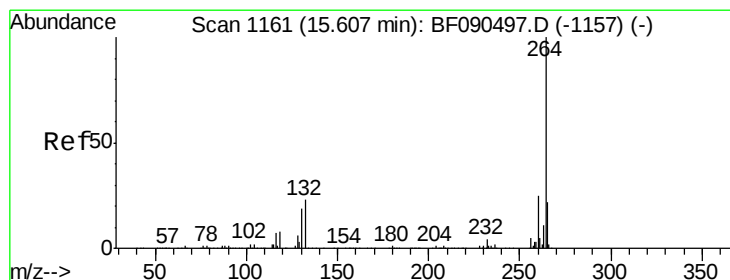
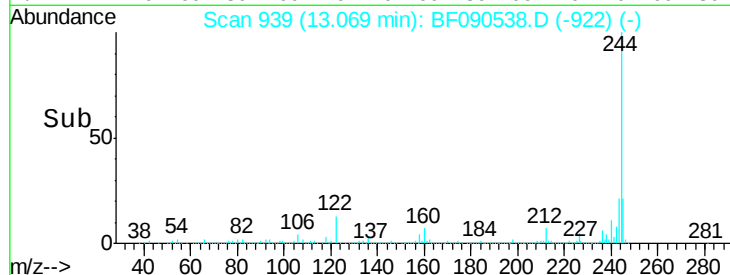
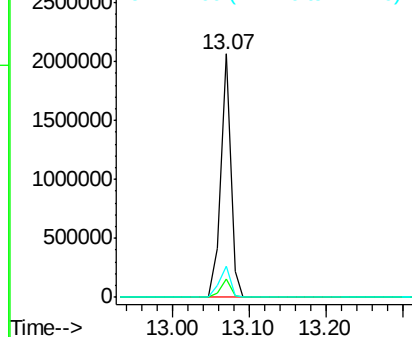
122 12.8 13.3 19.9#

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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: 15.60 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

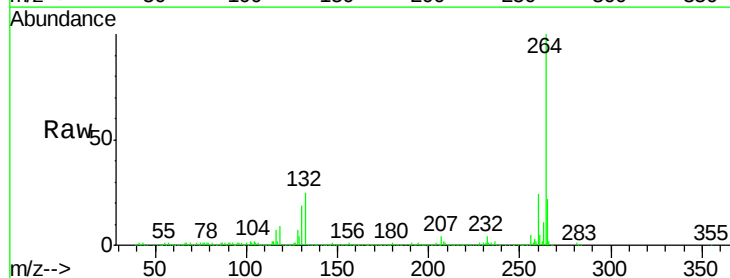
Tgt Ion:264 Resp: 390954

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 22.3 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

