

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090537.D
 Acq On : 12 Oct 2016 16:04
 Operator : UM/SJ
 Sample : H5158-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-111

Manual Integrations
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Quant Time: Oct 12 18:59:37 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	208089m	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	867912m	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	469512	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	819127	20.00	ng	0.00
75) Chrysene-d12	14.12	240	694250	20.00	ng	-0.01
86) Perylene-d12	15.60	264	490542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	733359	54.83	ng	0.00
7) Phenol-d6	6.59	99	715136	42.37	ng	0.00
23) Nitrobenzene-d5	7.51	82	1182140	73.88	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	556590	119.59	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2028086	72.59	ng	-0.01
78) Terphenyl-d14	13.07	244	2099280	73.90	ng	-0.01

Target Compounds Qvalue

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

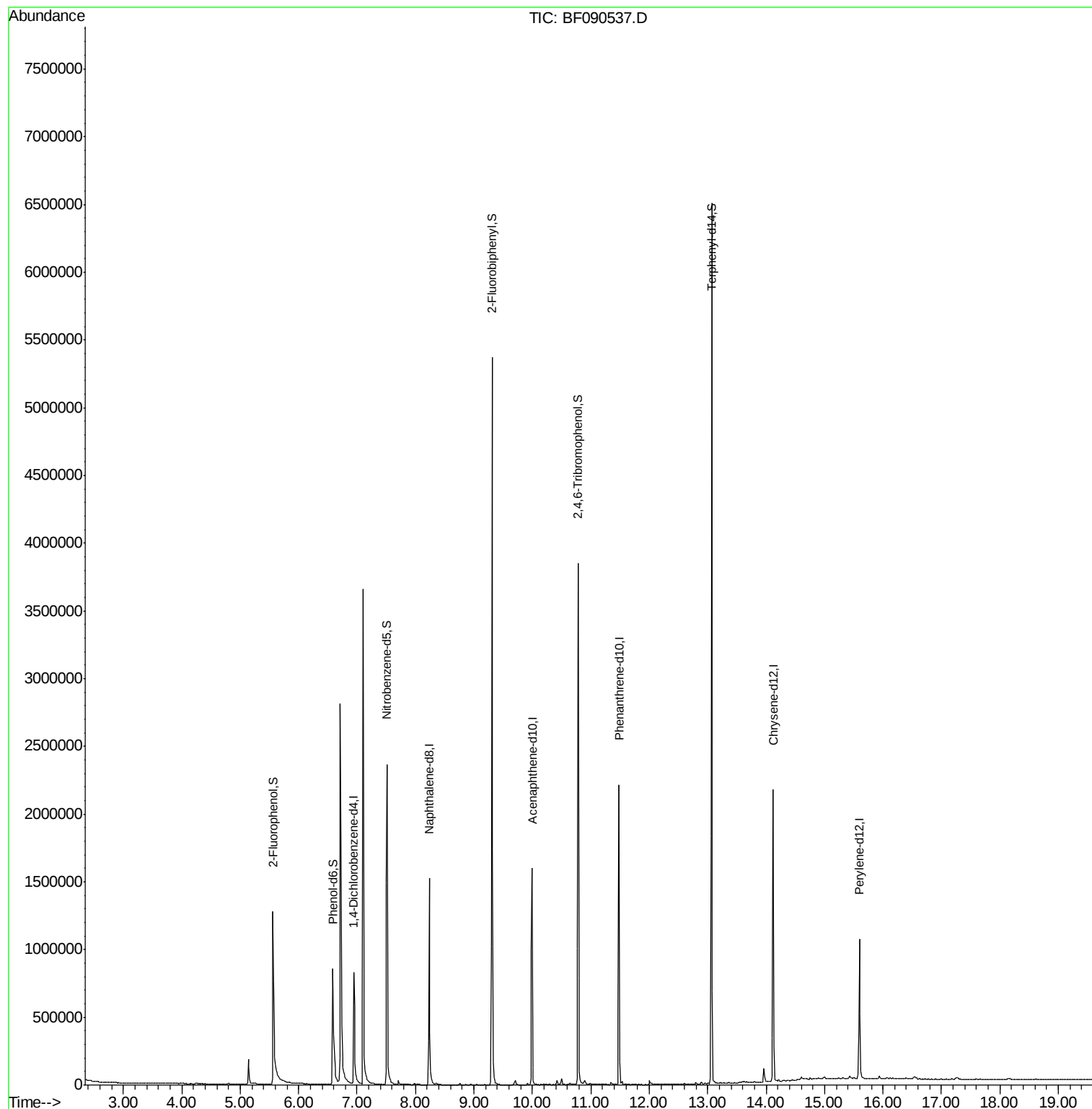
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
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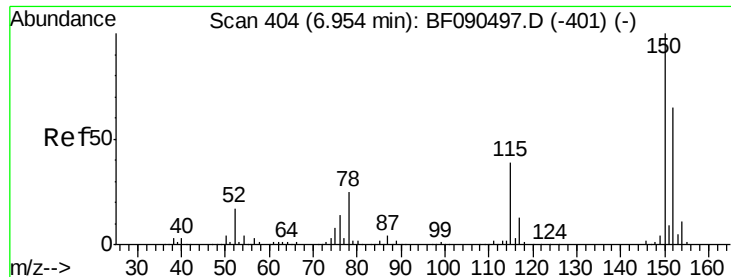
Instrument :
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Quant Time: Oct 12 18:59:37 2016
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#1

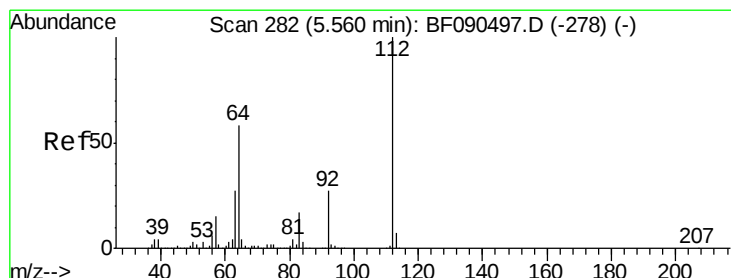
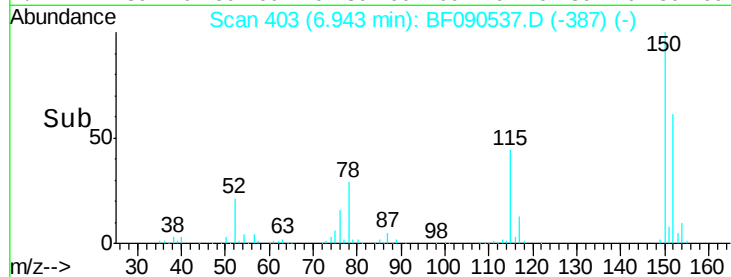
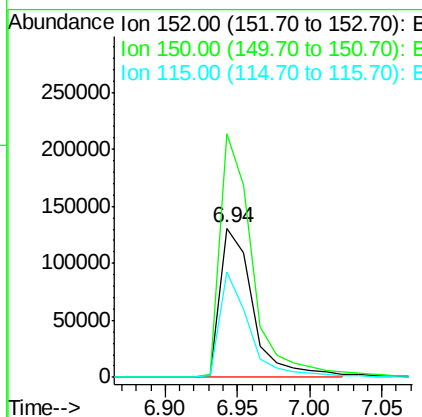
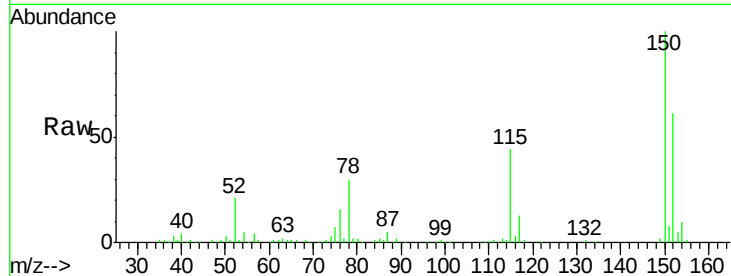
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.94 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF090537.D
Acq: 12 Oct 2016 16:04

Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.6	186.8
115	70.9	46.2	69.4

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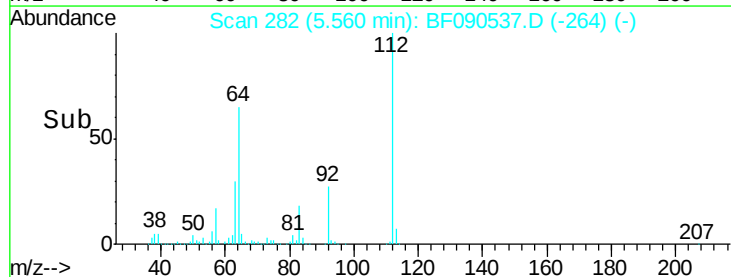
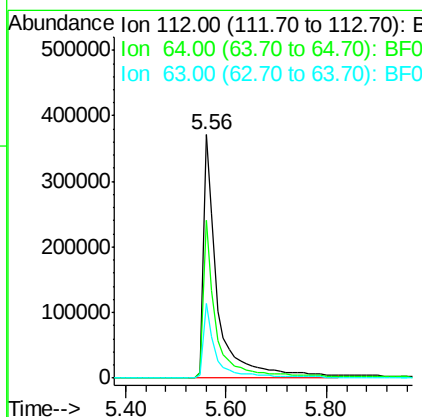
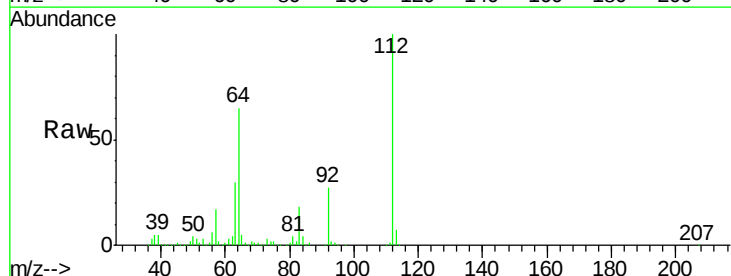
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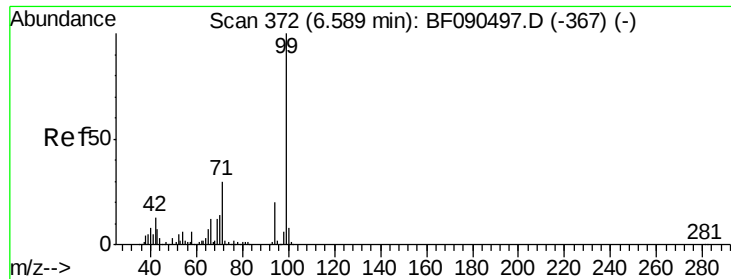


#5

2-Fluorophenol
Concen: 54.83 ng
RT: 5.56 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF090537.D
Acq: 12 Oct 2016 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	57.9	86.9
63	30.4	29.6	44.4





#7

Phenol-d6

Concen: 42.37 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090537.D

Acq: 12 Oct 2016 16:04

Instrument :

BNA_F

ClientSampleId :

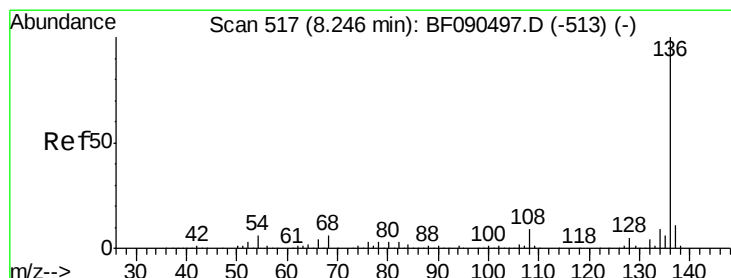
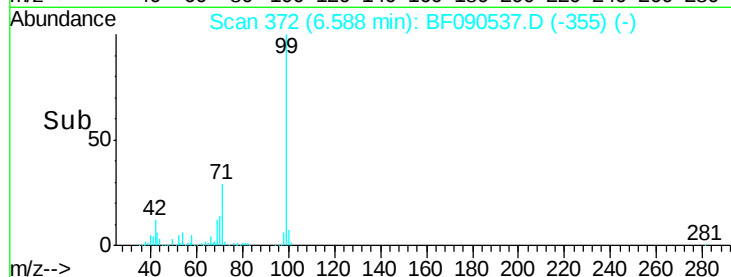
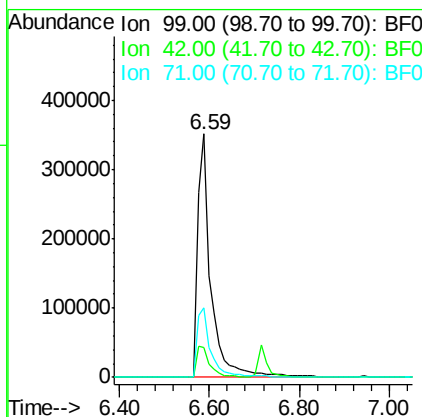
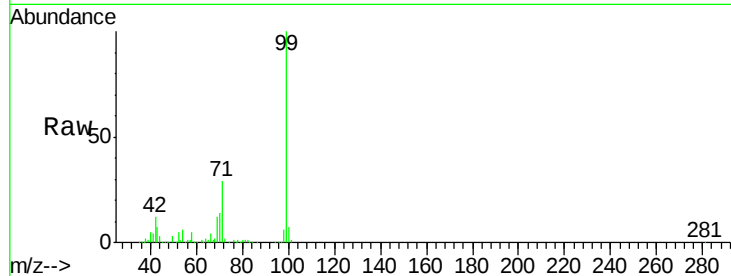
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Tot Ion: 99 Resp: 715136

Ion	Ratio	Lower	Upper
99	100		
42	12.2	20.0	30.0#
71	28.8	27.9	41.9

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#21

Naphthalene-d8

Concen: 20.00 ng m

RT: 8.23 min Scan# 516

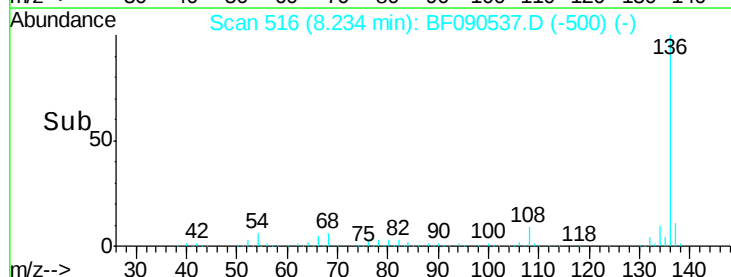
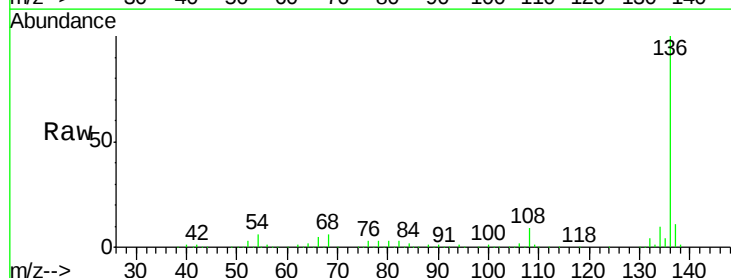
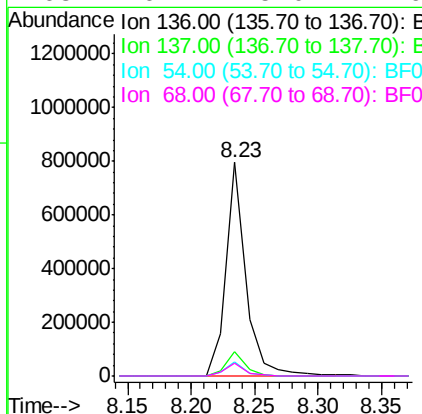
Delta R.T. -0.01 min

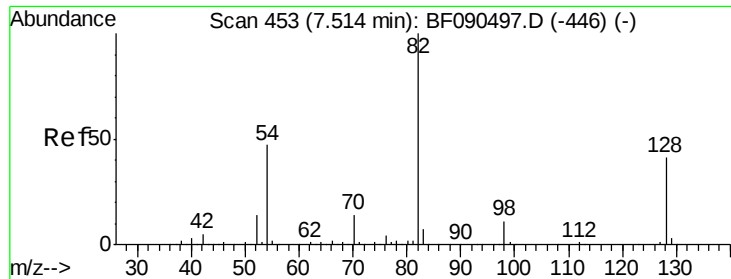
Lab File: BF090537.D

Acq: 12 Oct 2016 16:04

Tgt Ion: 136 Resp: 867912

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.4	6.6	10.0#
68	6.2	5.0	7.6





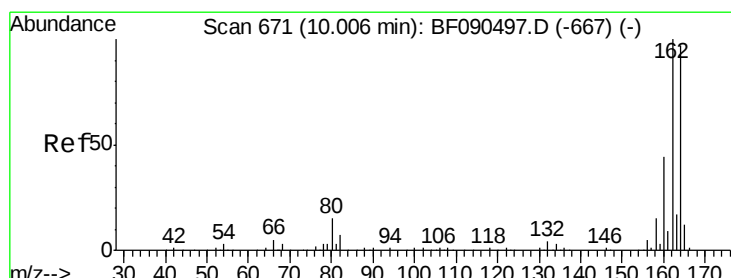
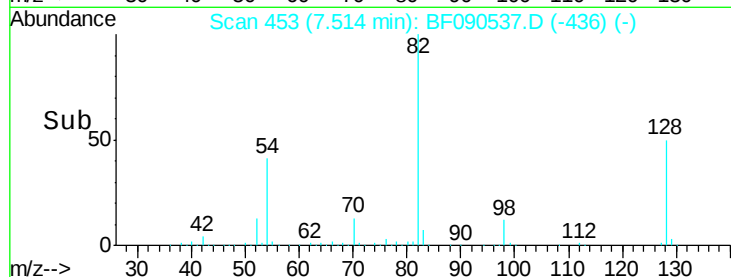
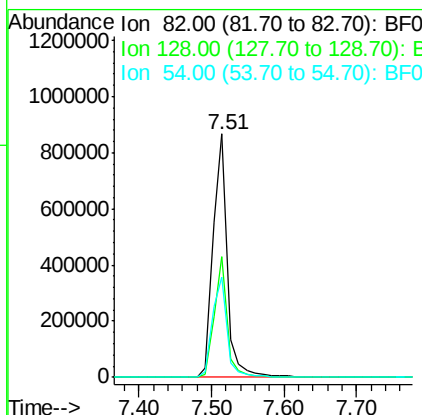
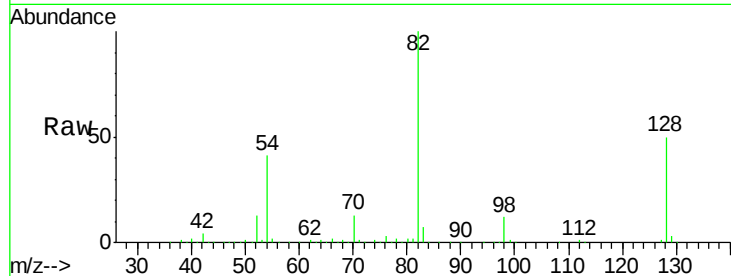
#23
 Nitrobenzene-d5
 Concen: 73.88 ng
 RT: 7.51 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-111

Tot Ion	82	Resp	1182140
Ion Ratio	100	Lower	Upper
82	100		
128	49.8	40.0	60.0
54	41.1	42.6	64.0

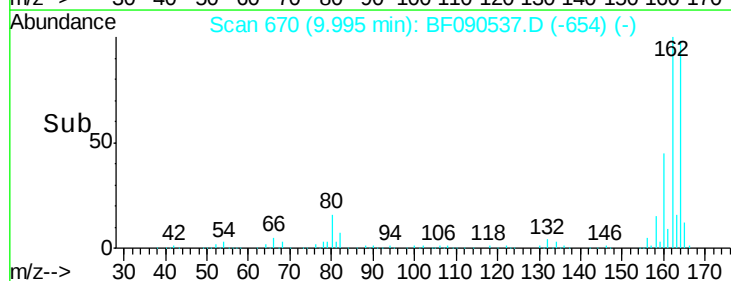
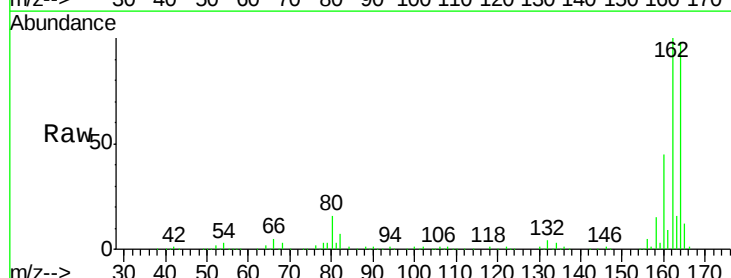
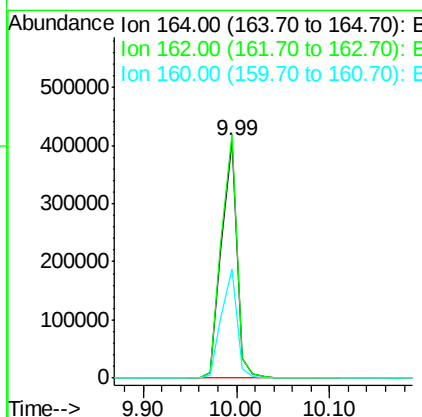
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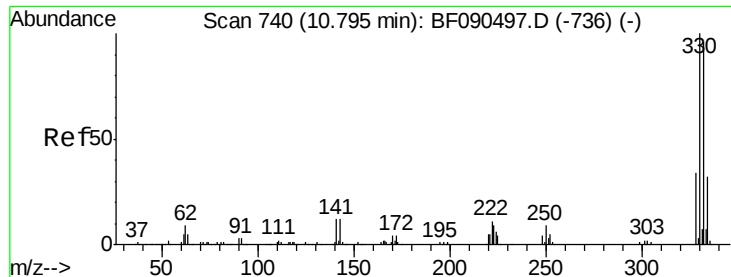
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

Tgt Ion	164	Resp	469512
Ion Ratio	100	Lower	Upper
164	100		
162	102.4	80.1	120.1
160	45.9	36.3	54.5





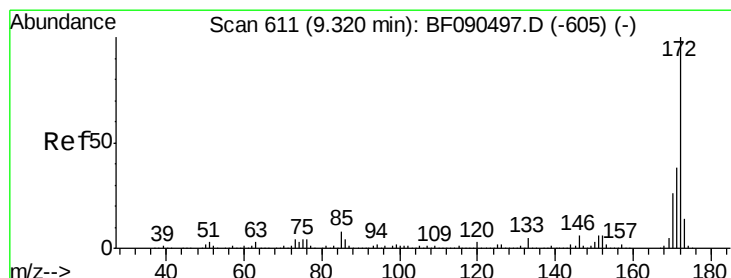
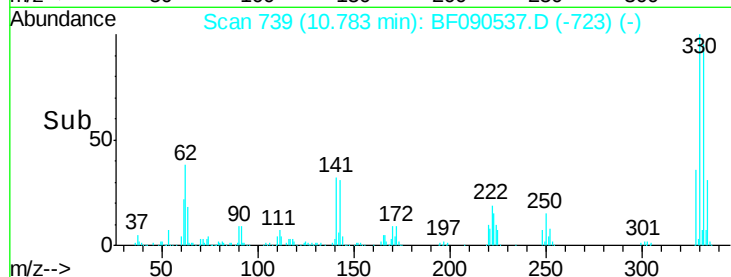
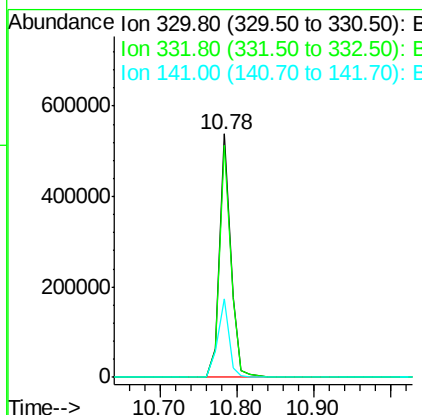
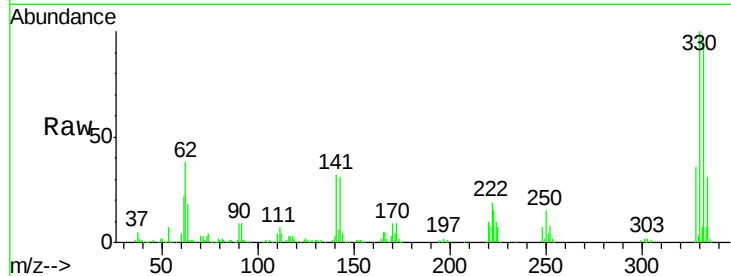
#41
 2,4,6-Tribromophenol
 Concen: 119.59 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-111

Tot Ion	Ratio	Resp	Lower	Upper
330	100	556590		
332	96.0		75.4	113.0
141	32.1		26.9	40.3

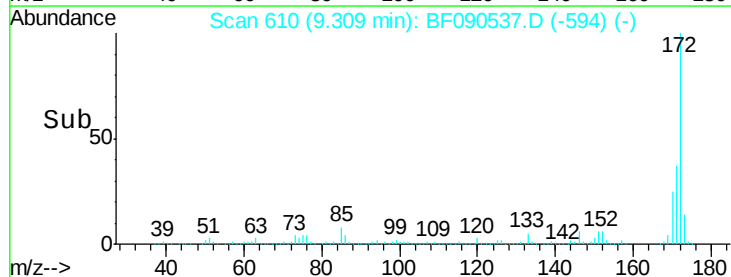
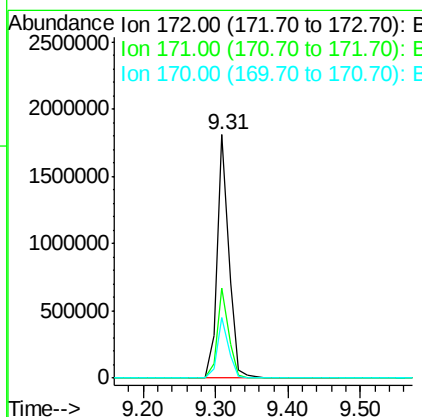
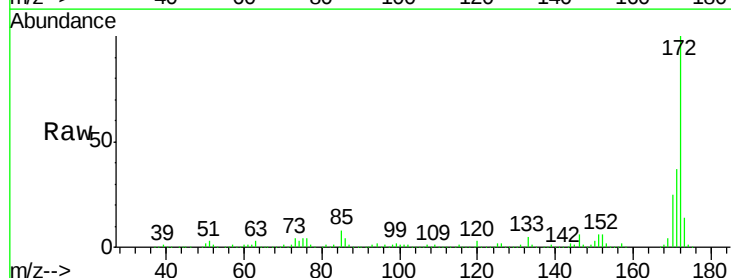
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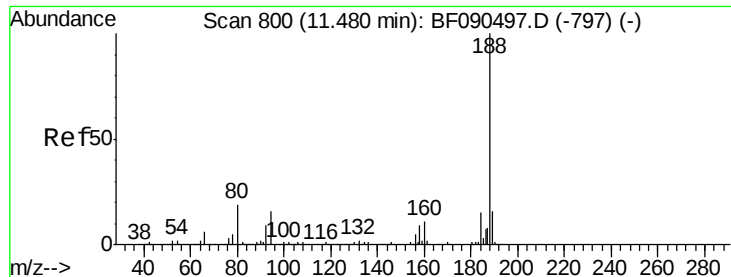
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#44
 2-Fluorobiphenyl
 Concen: 72.59 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2028086		
171	37.1		31.8	47.8
170	24.9		21.7	32.5





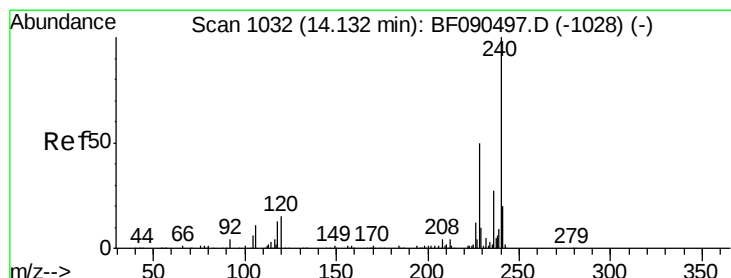
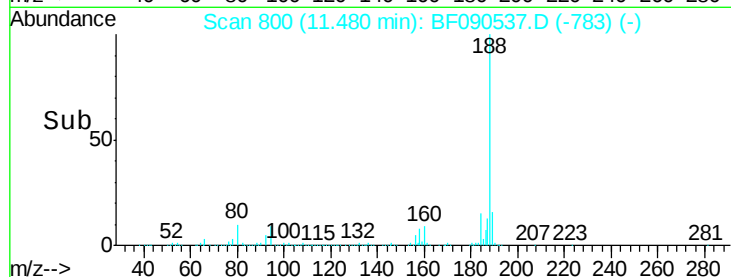
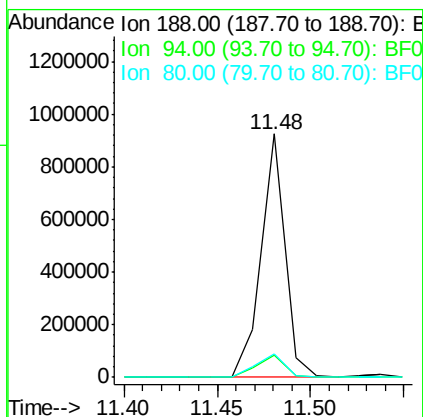
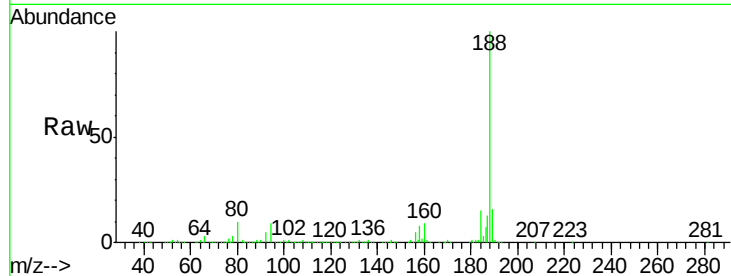
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF090537.D
Acq: 12 Oct 2016 16:04

Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.8	8.8	13.2

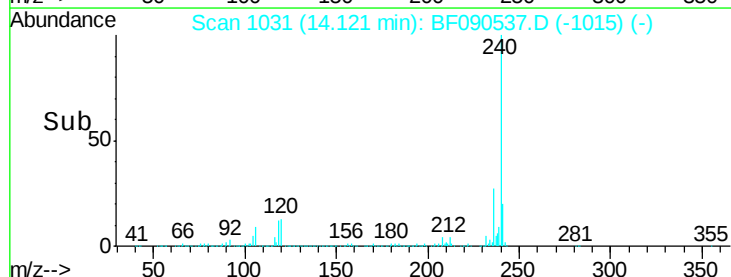
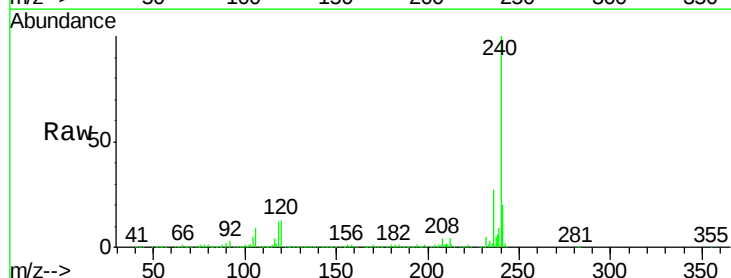
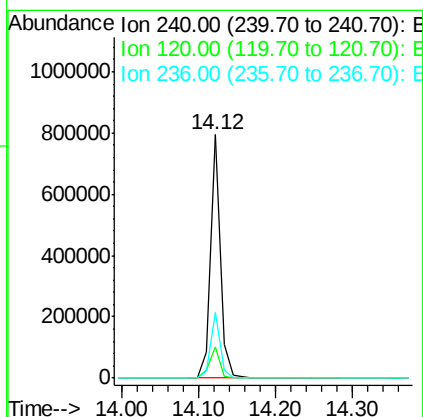
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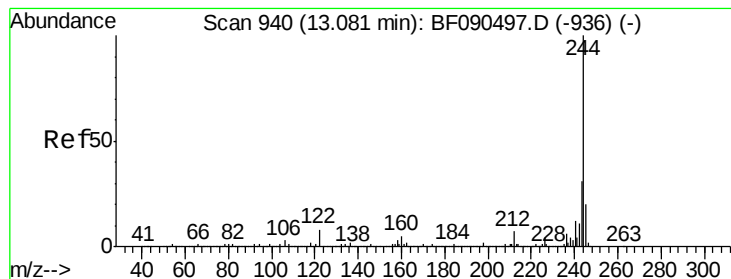
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090537.D
Acq: 12 Oct 2016 16:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.8	8.6	13.0
236	27.0	21.6	32.4





#78

Terphenyl-d14

Concen: 73.90 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090537.D

Acq: 12 Oct 2016 16:04

Instrument :

BNA_F

ClientSampleId :

RAV-GT-111

Tot Ion:244 Resp: 2099280

Ion Ratio Lower Upper

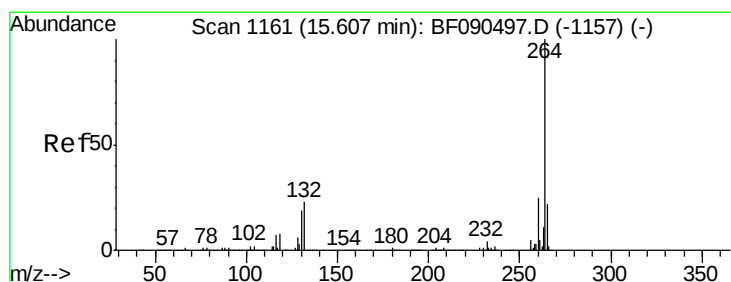
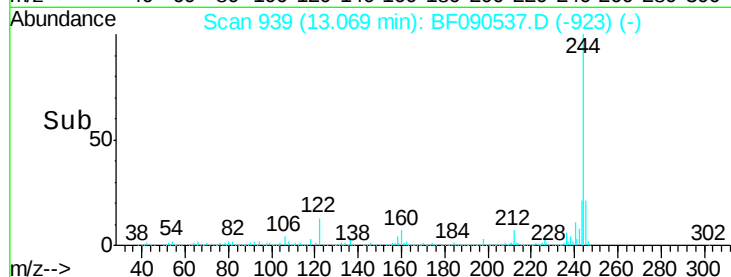
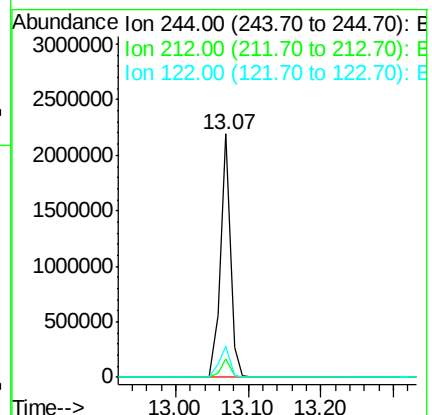
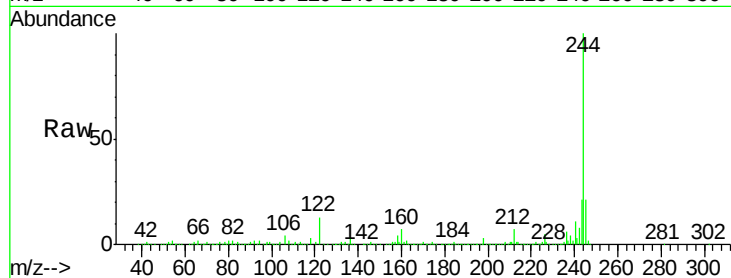
244 100

212 7.3 6.8 10.2

122 13.0 13.3 19.9#

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF090537.D

Acq: 12 Oct 2016 16:04

Tgt Ion:264 Resp: 490542

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.9 17.4 26.0

