

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099777.D
 Acq On : 23 Oct 2017 23:41
 Operator : SJ/JU
 Sample : I6037-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT113

Manual Integrations
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Quant Time: Oct 24 00:43:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98189	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	403306	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	181277	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	273845	20.00	ng	0.00
75) Chrysene-d12	13.98	240	162072	20.00	ng	0.00
86) Perylene-d12	15.44	264	176025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	337064	53.89	ng	0.00
7) Phenol-d6	6.45	99	252239	34.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	499235	79.69	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	168054	101.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	990193	84.27	ng	0.00
78) Terphenyl-d14	12.92	244	601423	81.10	ng	0.00

Target Compounds Qvalue

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

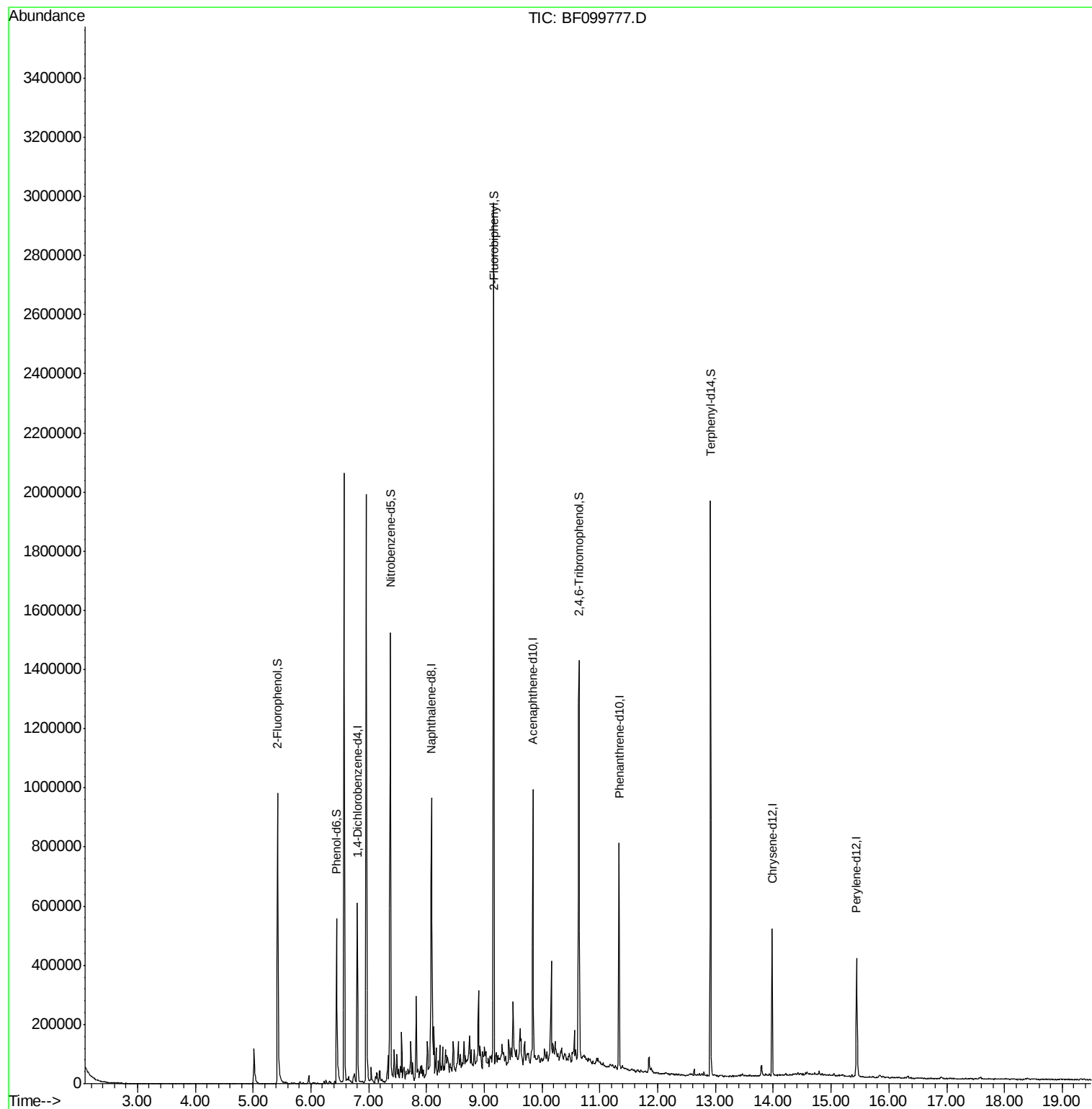
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
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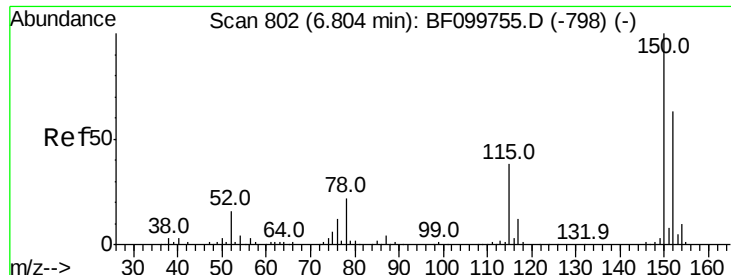
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Oct 24 00:43:13 2017
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#1

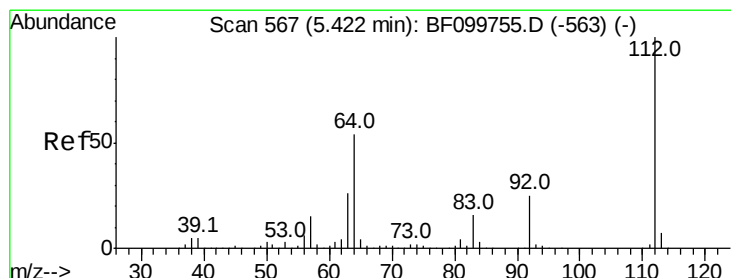
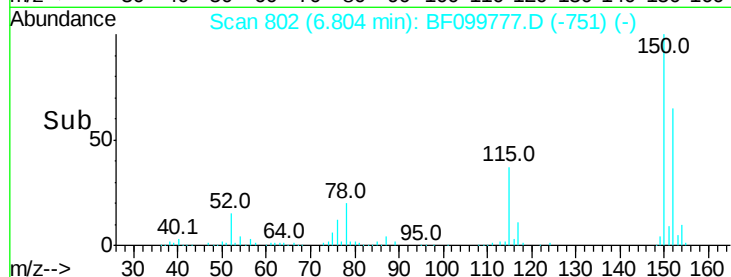
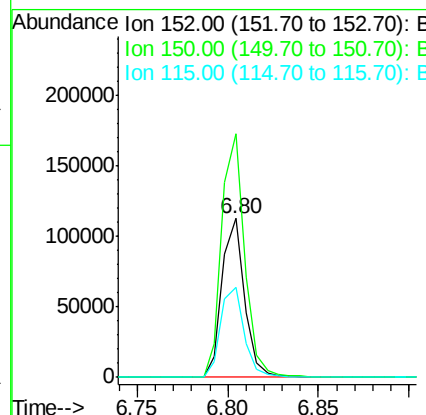
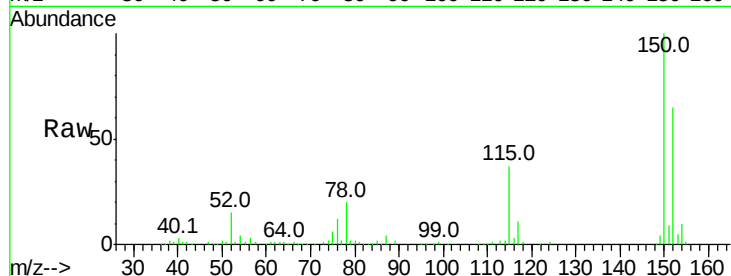
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT113

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	56.7	50.1	75.1

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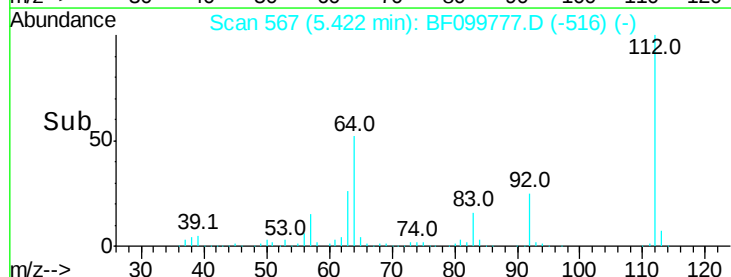
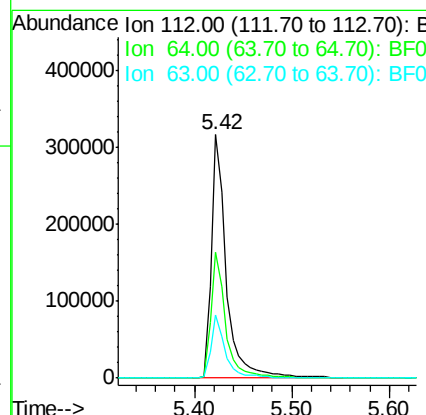
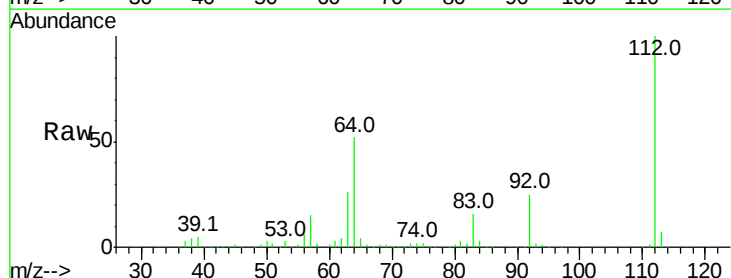
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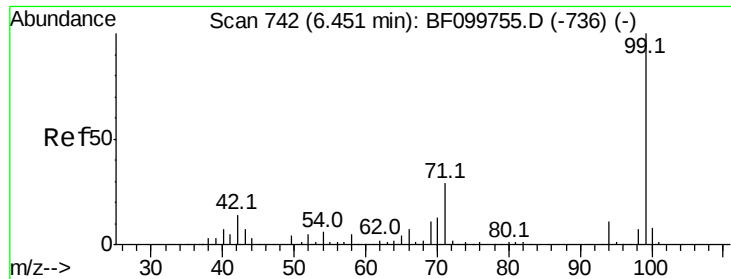


#5

2-Fluorophenol
Concen: 53.894 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.9	71.9
63	26.0	23.7	35.5





#7

Phenol-d6

Concen: 34.014 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099777.D

Acq: 23 Oct 2017 23:41

Instrument :

BNA_F

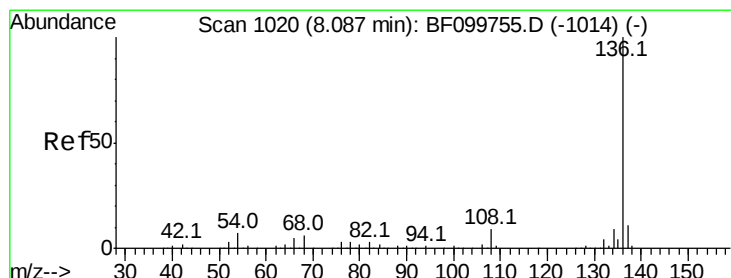
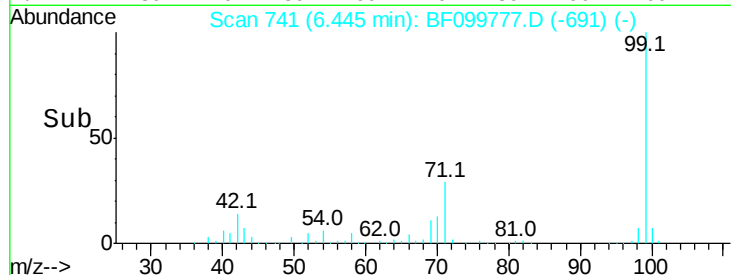
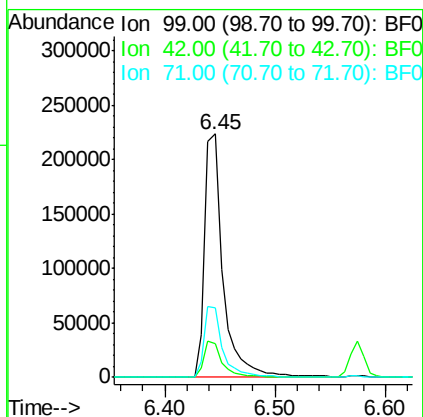
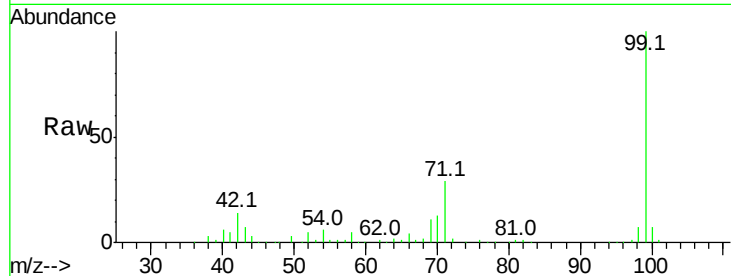
ClientSampleId :

RAV-GT113

Tot Ion:	99	Resp:	252239
Ion Ratio	Lower	Upper	
99	100		
42	13.7	14.5	21.7#
71	28.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

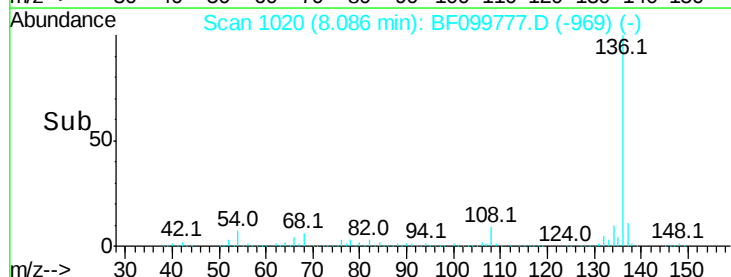
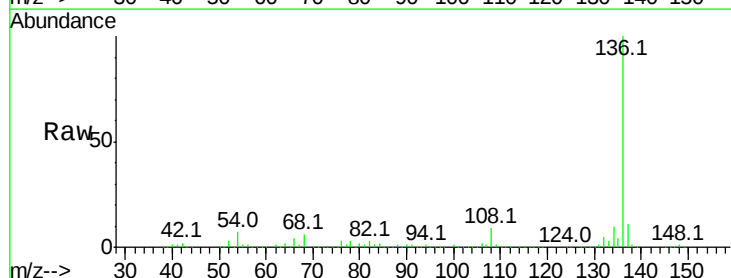
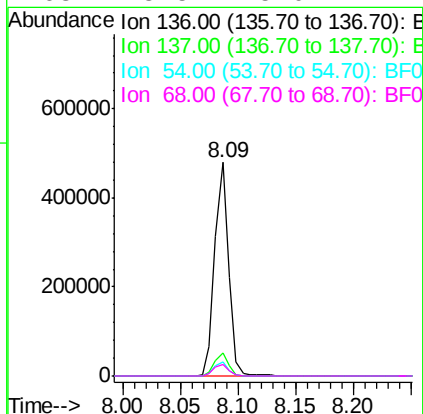
RT: 8.09 min Scan# 1020

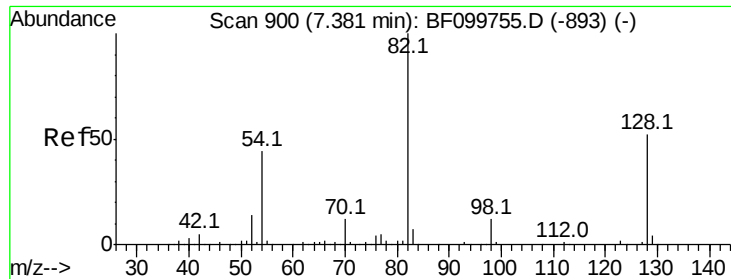
Delta R.T. -0.00 min

Lab File: BF099777.D

Acq: 23 Oct 2017 23:41

Tgt Ion:	136	Resp:	403306
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.6	6.6	9.8
68	5.5	5.0	7.4





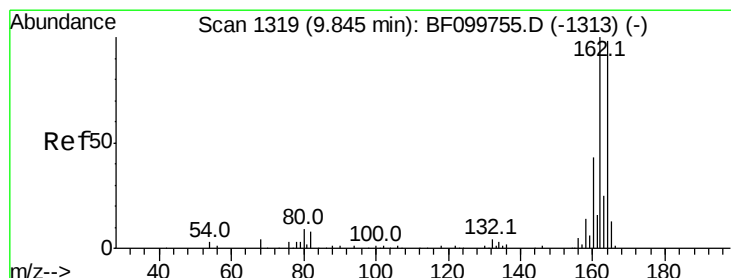
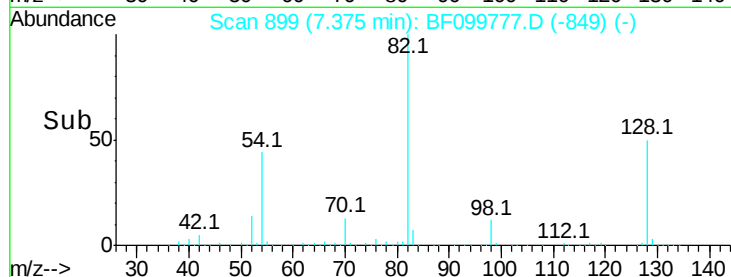
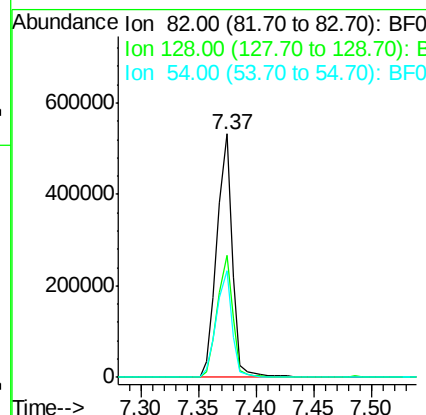
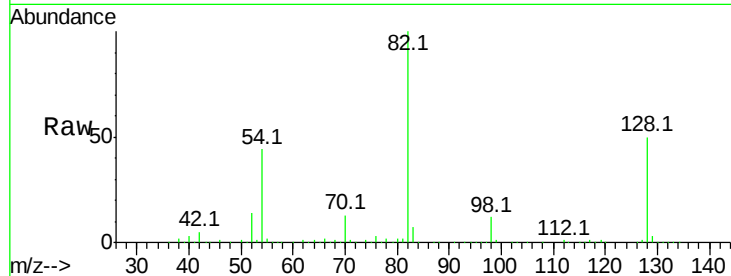
#23
Nitrobenzene-d5
Concen: 79.694 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT113

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.3	36.1	54.1	
54	43.7	41.4	62.2	

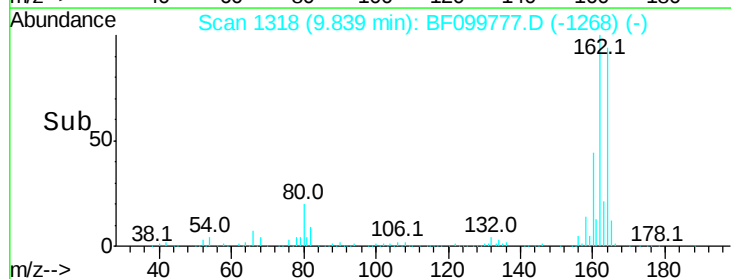
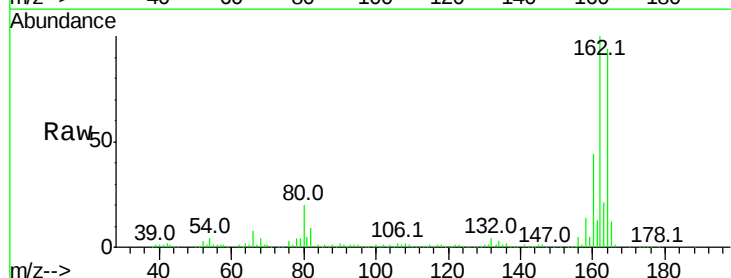
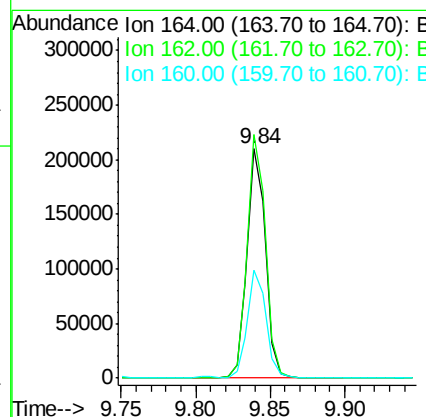
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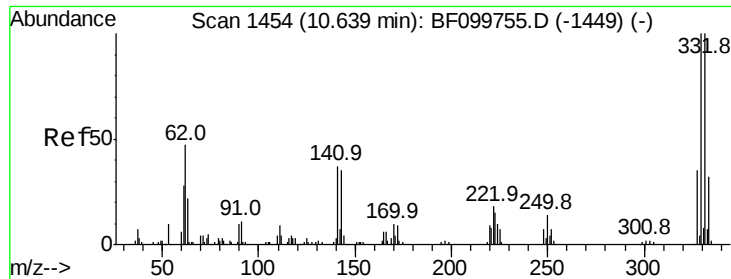
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.2	86.1	129.1	
160	46.9	38.3	57.5	





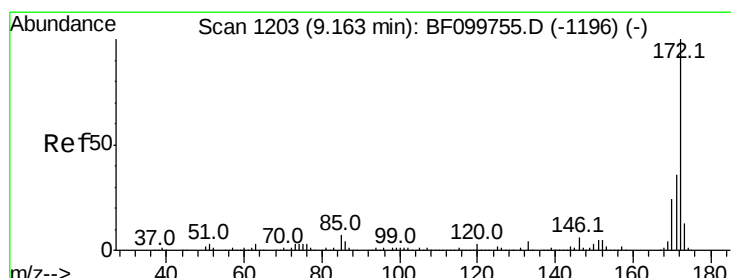
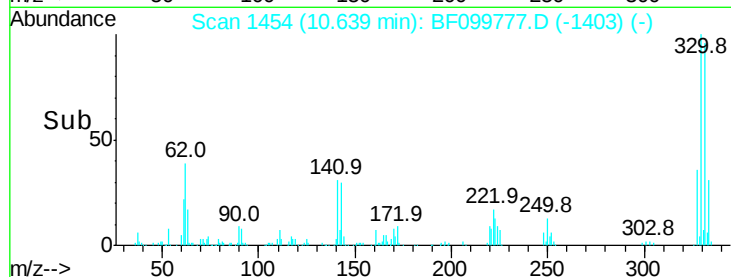
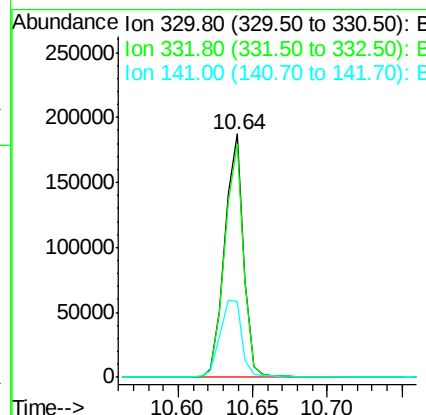
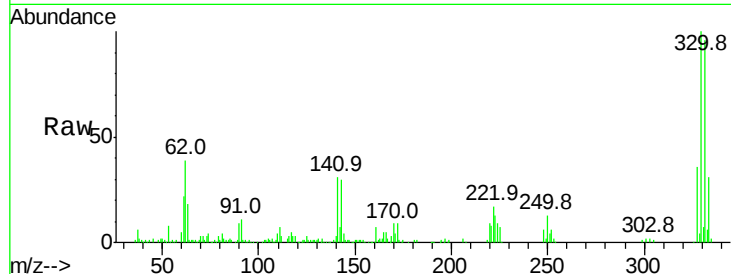
#41
 2,4,6-Tribromophenol
 Concen: 101.727 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099777.D
 Acq: 23 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT113

Tot Ion	Ratio	Resp	Lower	Upper
330	100	168054		
332	96.6	77.0	115.6	
141	36.0	29.9	44.9	

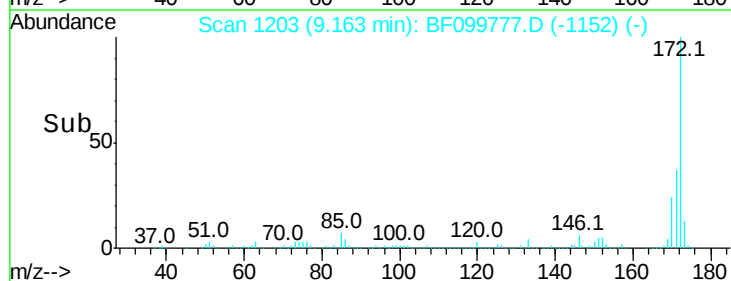
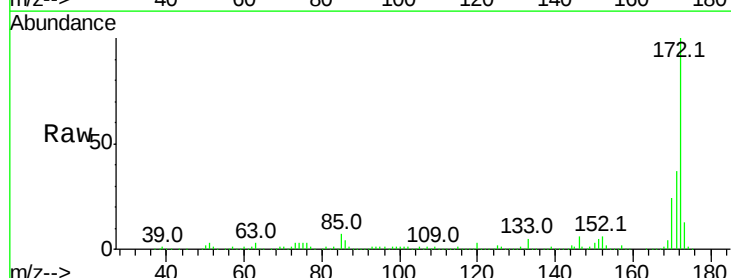
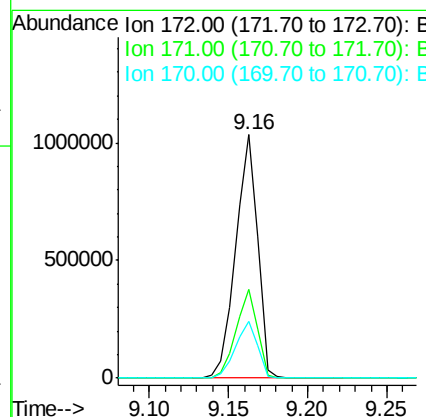
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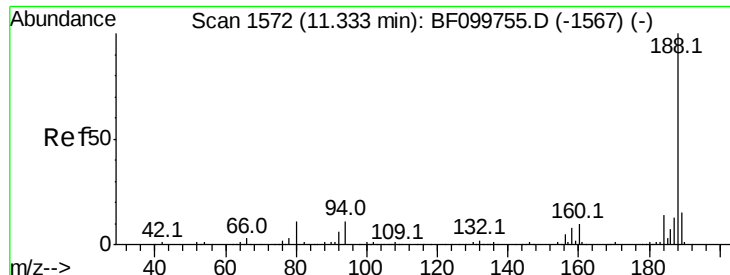
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#44
 2-Fluorobiphenyl
 Concen: 84.275 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099777.D
 Acq: 23 Oct 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	990193		
171	36.7	29.7	44.5	
170	23.5	19.6	29.4	





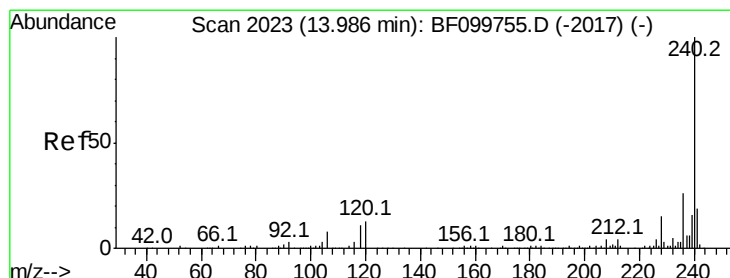
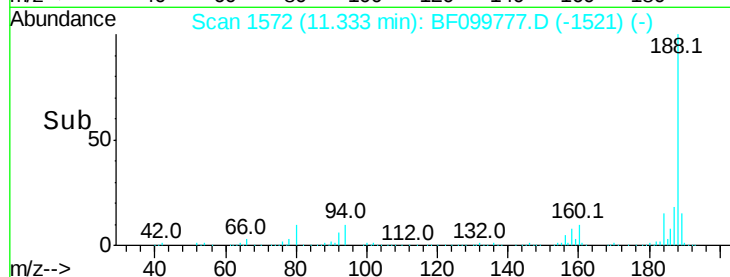
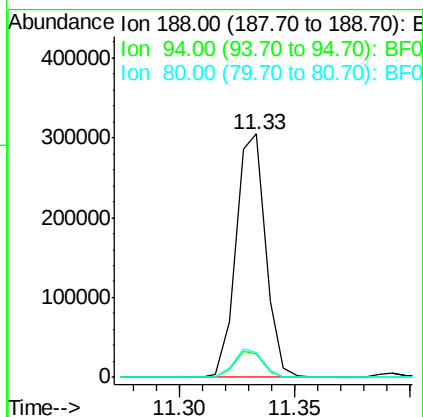
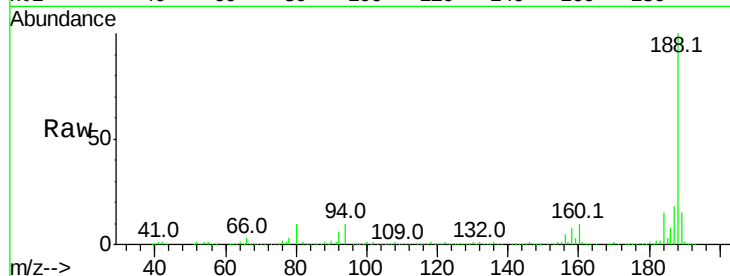
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :
RAV-GT113

Tot Ion	Ratio	Resp	Lower	Upper
188	100	273845		
94	9.7		8.5	12.7
80	10.2		9.2	13.8

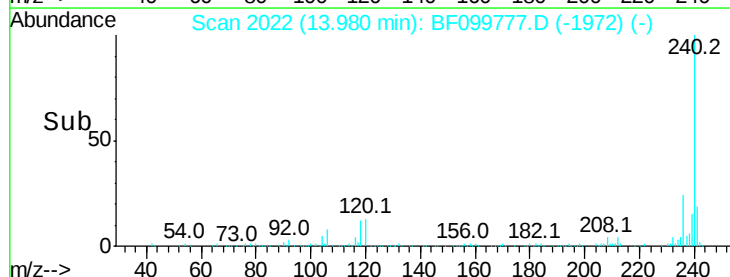
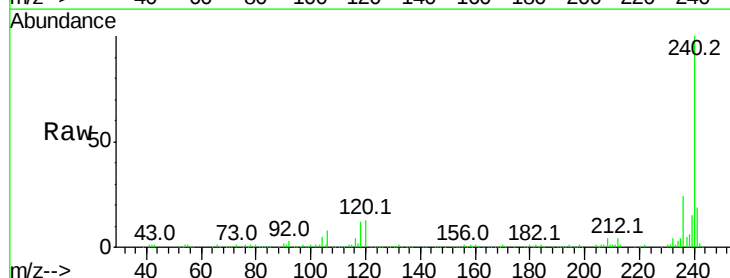
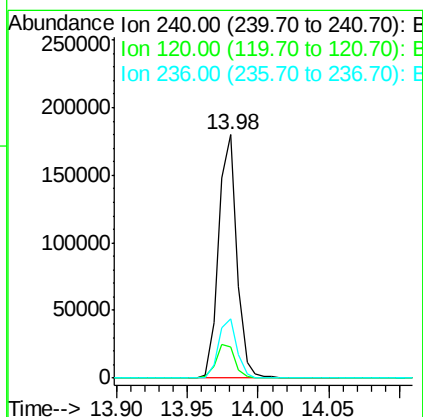
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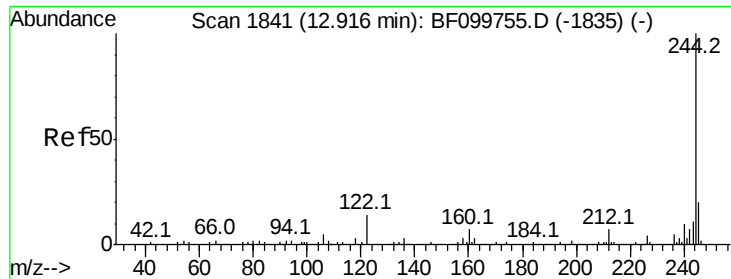
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099777.D
Acq: 23 Oct 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	162072		
120	13.0		9.5	14.3
236	24.4		20.7	31.1





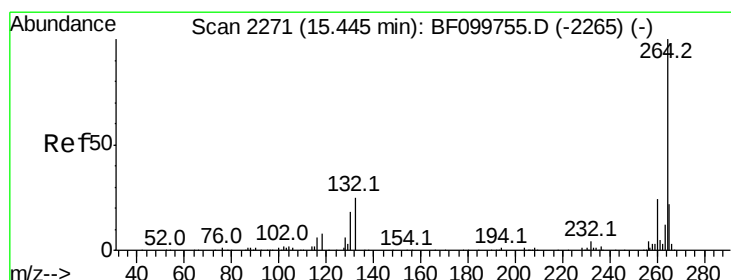
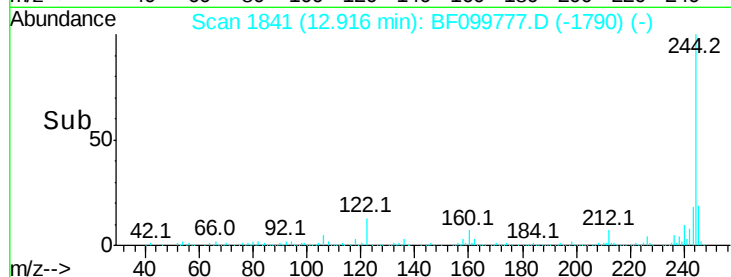
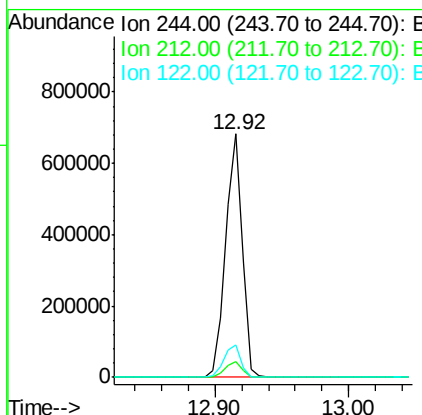
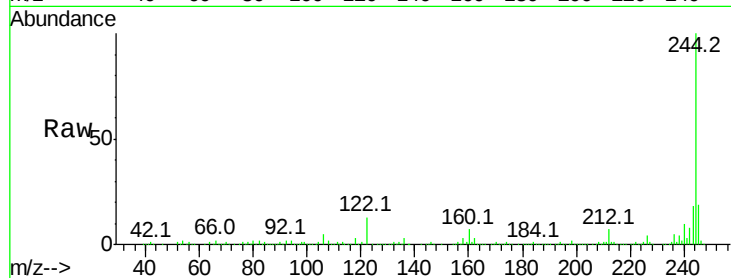
#78
 Terphenyl-d14
 Concen: 81.096 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099777.D
 Acq: 23 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT113

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.2	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099777.D
 Acq: 23 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3

