

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099770.D
 Acq On : 23 Oct 2017 20:26
 Operator : SJ/JU
 Sample : I5950-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1

Manual Integrations
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 10/24/2017 8:41:03 PM

Quant Time: Oct 24 00:08:22 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 15:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99961	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	424656	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	205271	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	345115	20.00	ng	0.00
75) Chrysene-d12	13.97	240	180713	20.00	ng	-0.01
86) Perylene-d12	15.44	264	188226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	426844	67.04	ng	0.00
7) Phenol-d6	6.44	99	322594	42.73	ng	-0.01
23) Nitrobenzene-d5	7.37	82	623321	94.50	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	237545	126.98	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1236765	92.96	ng	0.00
78) Terphenyl-d14	12.92	244	906935	109.68	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	433525	21.149	ng	99
32) Benzoic acid	7.88	122	11738	2.378	ng	87
37) 2-Methylnaphthalene	8.80	142	99216	7.223	ng	97
51) Acenaphthene	9.87	154	62122	4.895	ng	98
54) Dibenzofuran	10.05	168	97967	5.468	ng	98
57) Fluorene	10.39	166	59608	4.019	ng	98
70) Phenanthrene	11.36	178	97796	5.021	ng	98

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

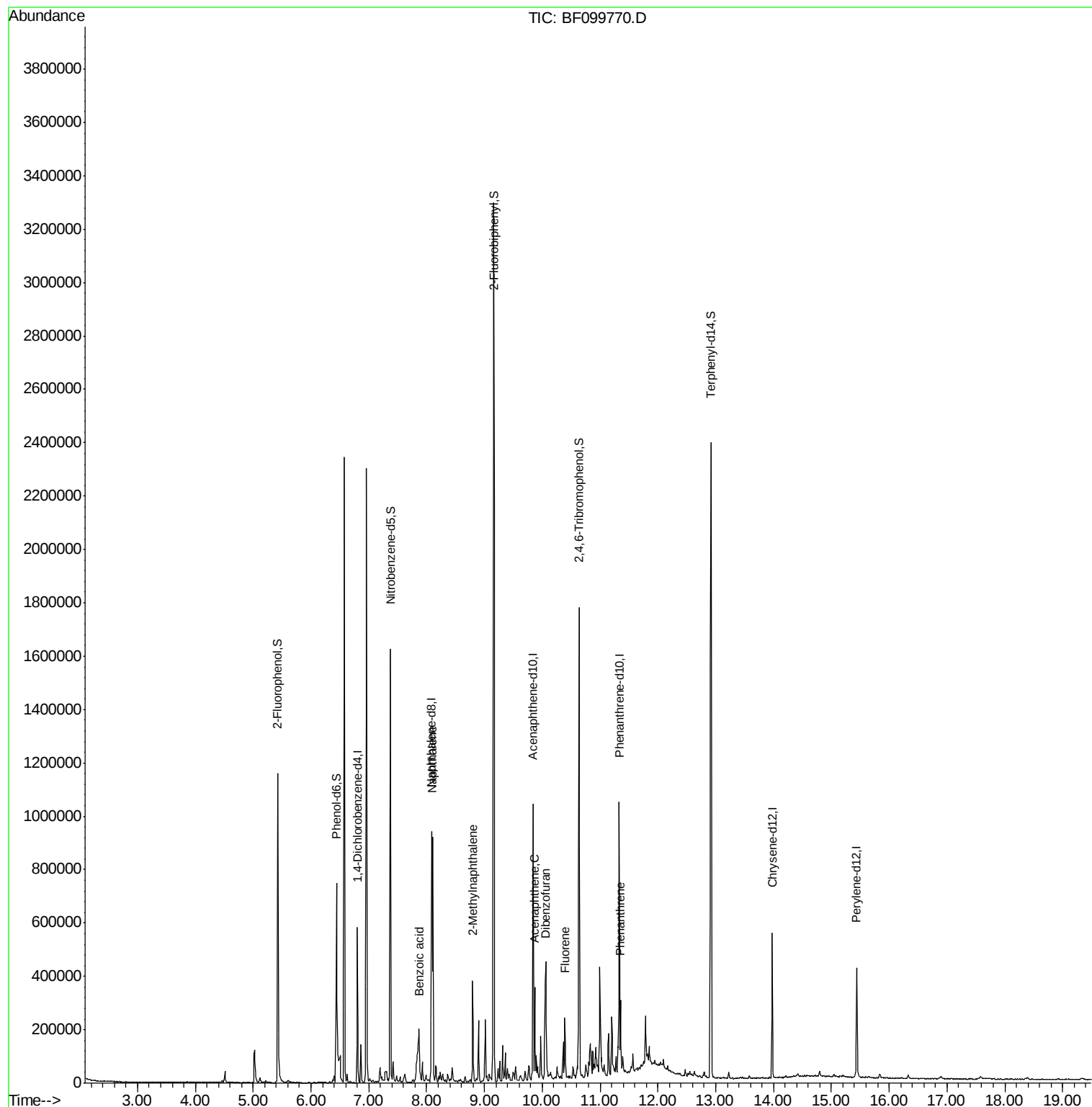
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099770.D
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Sample : I5950-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

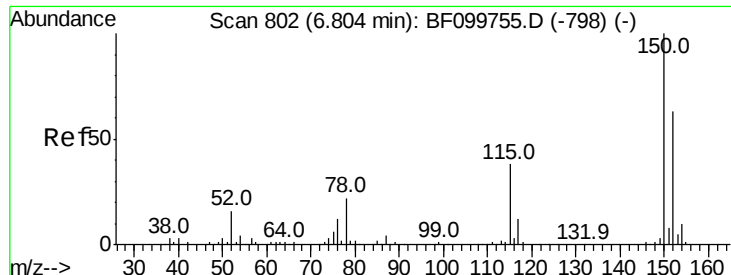
Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

Manual Integrations
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Quant Time: Oct 24 00:08:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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#1

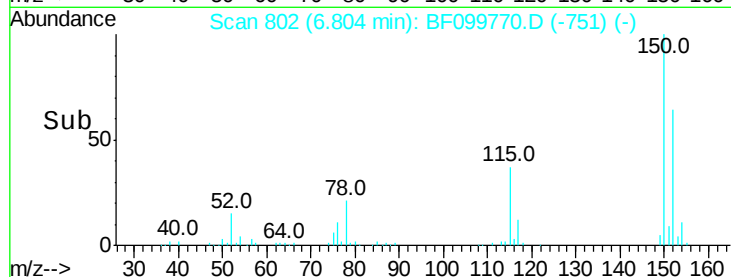
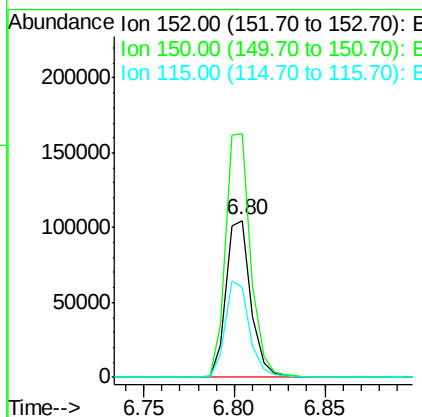
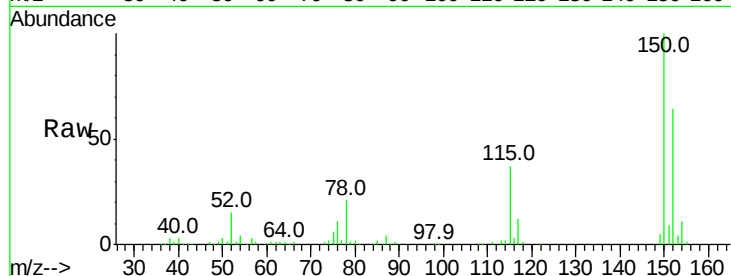
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF099770.D
 Acq: 23 Oct 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	57.1	50.1	75.1

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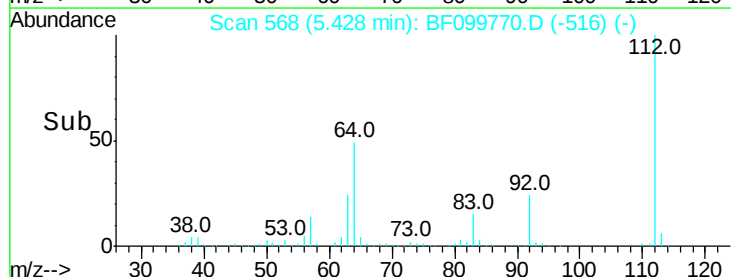
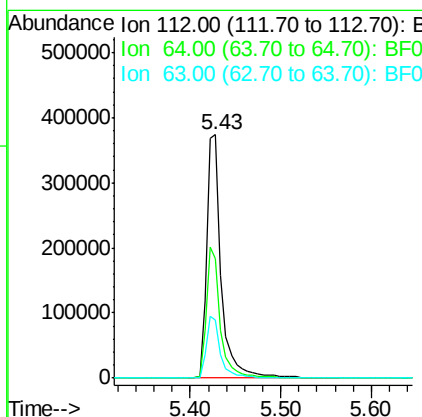
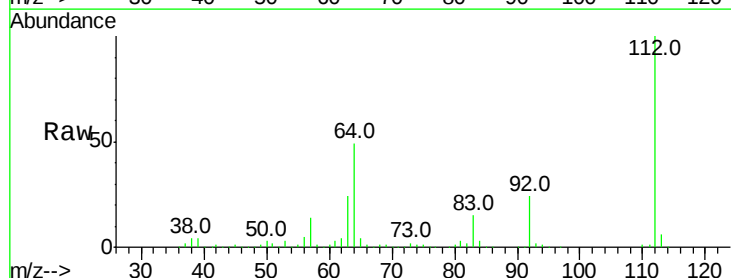
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#5

2-Fluorophenol
 Concen: 67.039 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099770.D
 Acq: 23 Oct 2017 20:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	47.9	71.9
63	23.9	23.7	35.5





#7

Phenol-d6

Concen: 42.730 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF099770.D

Acq: 23 Oct 2017 20:26

Instrument :

BNA_F

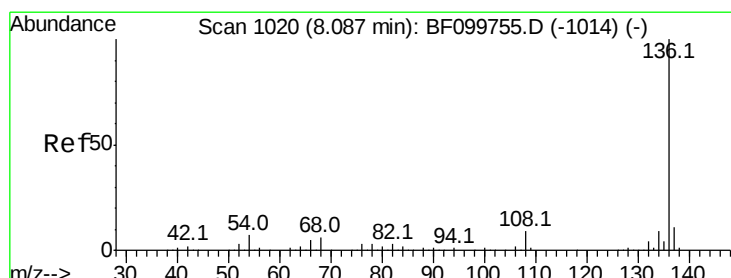
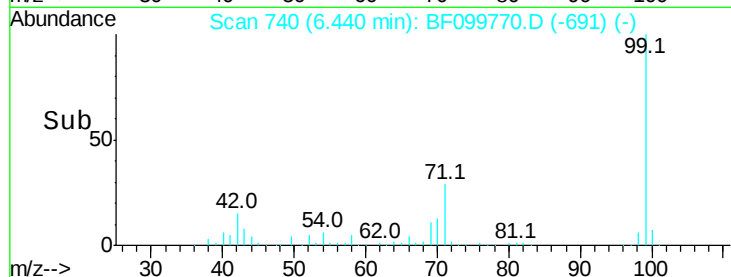
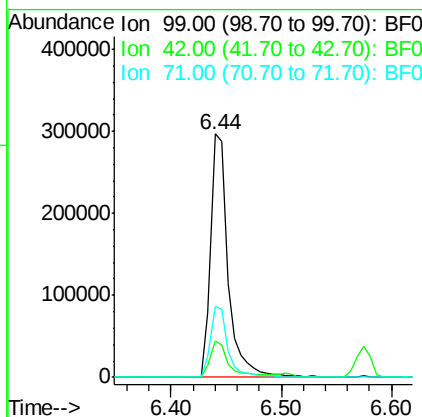
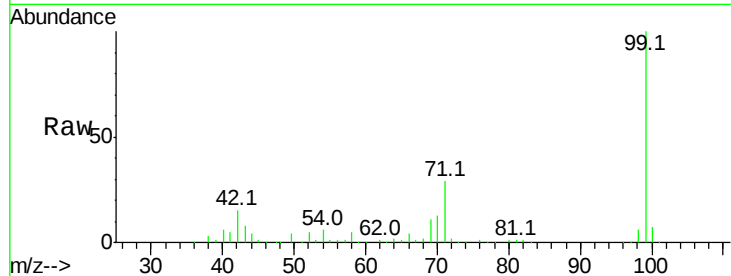
ClientSampleId :

20170725-PA-A-COMP1

Tot Ion:	99	Resp:	322594
Ion Ratio	Lower	Upper	
99	100		
42	14.6	14.5	21.7
71	29.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

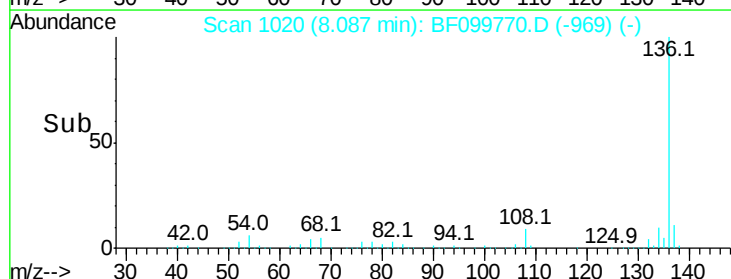
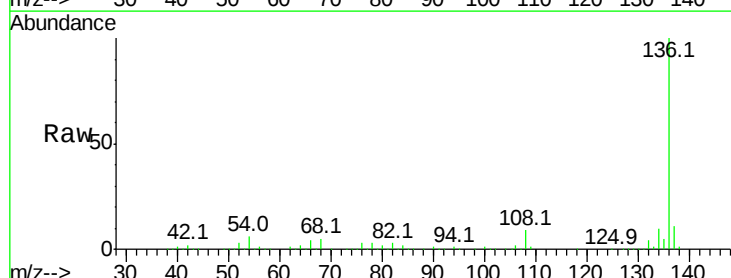
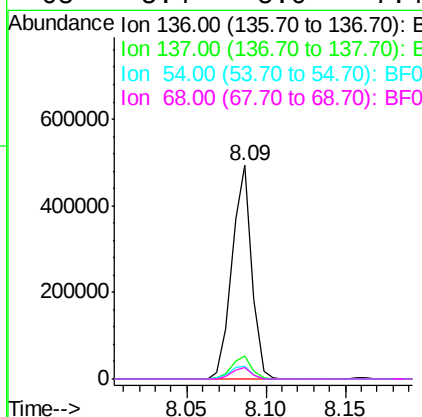
RT: 8.09 min Scan# 1020

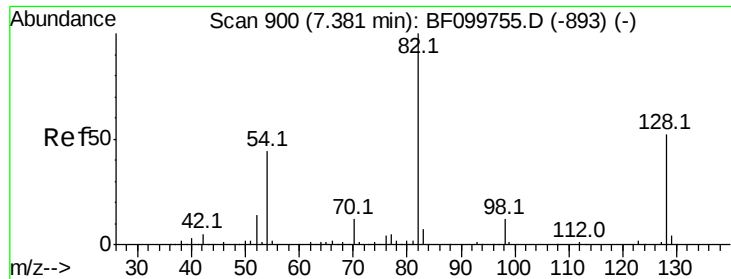
Delta R.T. -0.00 min

Lab File: BF099770.D

Acq: 23 Oct 2017 20:26

Tgt Ion:	136	Resp:	424656
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4





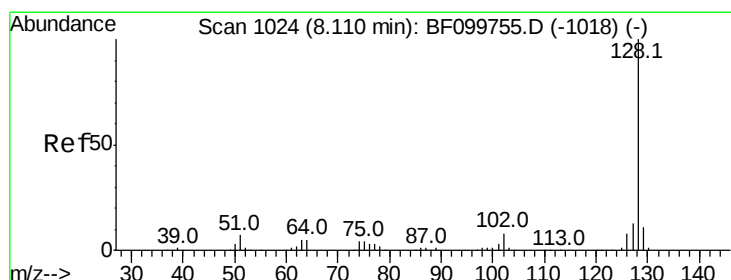
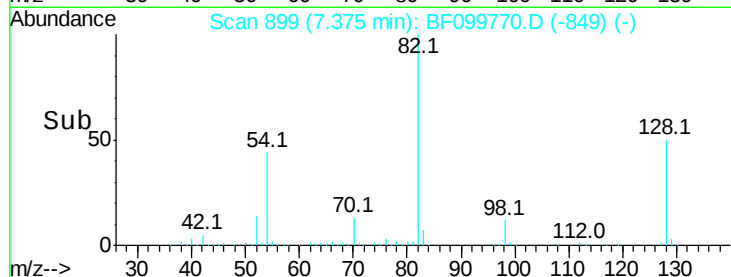
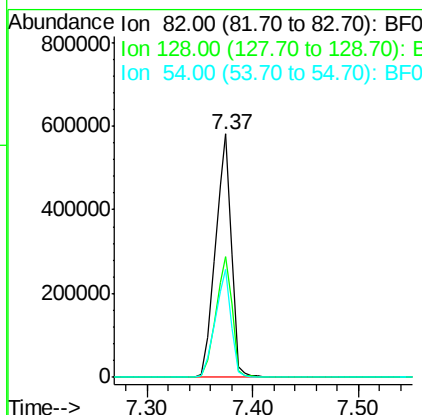
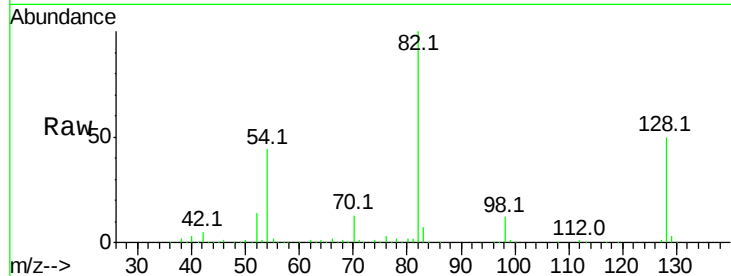
#23
 Nitrobenzene-d5
 Concen: 94.499 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099770.D
 Acq: 23 Oct 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.7	36.1	54.1	
54	44.2	41.4	62.2	

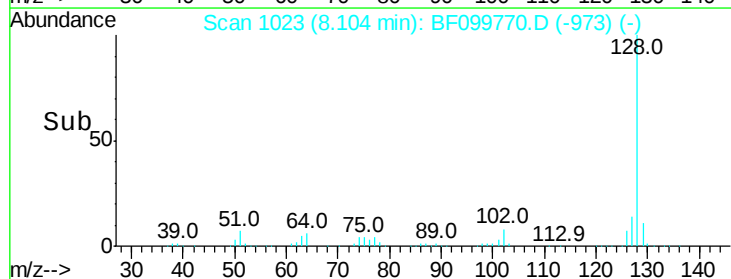
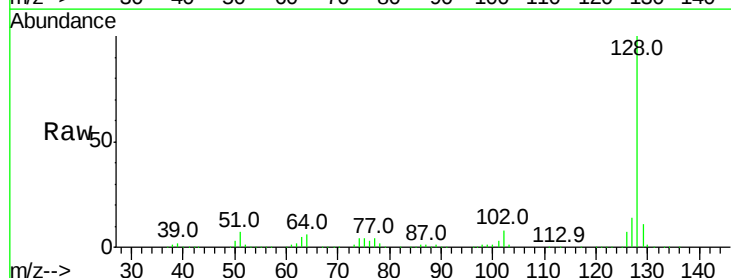
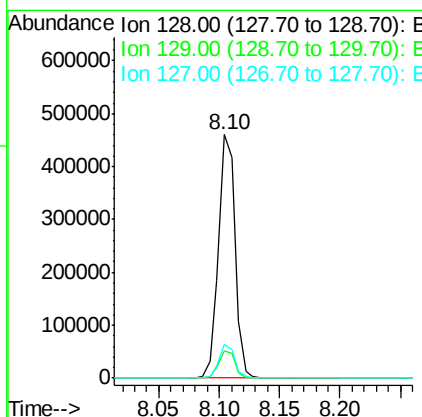
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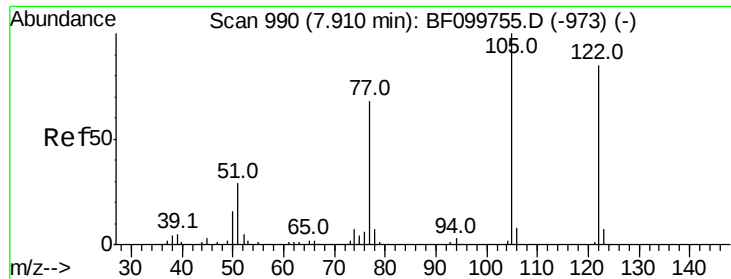
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#31
 Naphthalene
 Concen: 21.149 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF099770.D
 Acq: 23 Oct 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.8	13.2	
127	13.6	10.9	16.3	





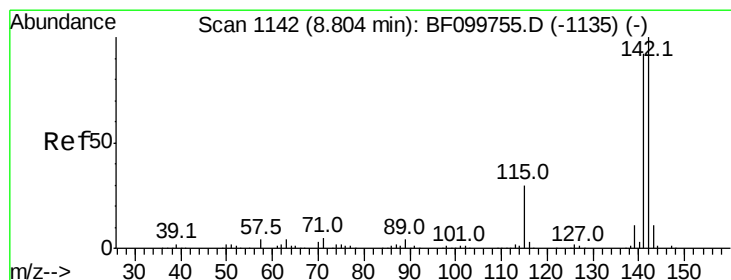
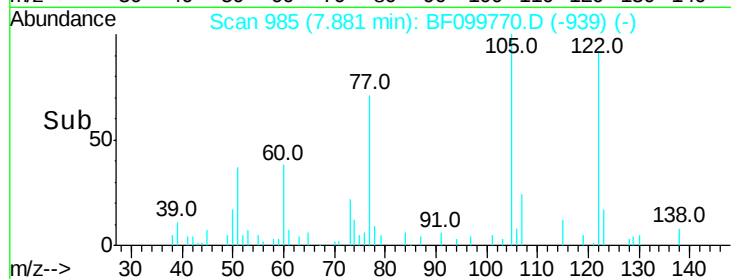
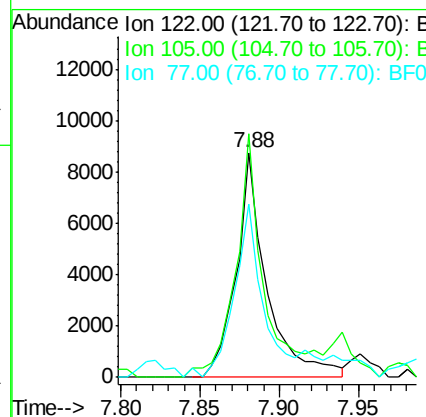
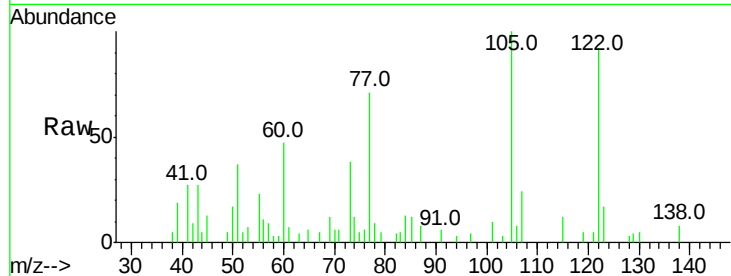
#32
Benzoic acid
Concen: 2.378 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion	Ratio	Lower	Upper
122	100		
105	108.2	101.1	141.1
77	76.8	70.7	110.7

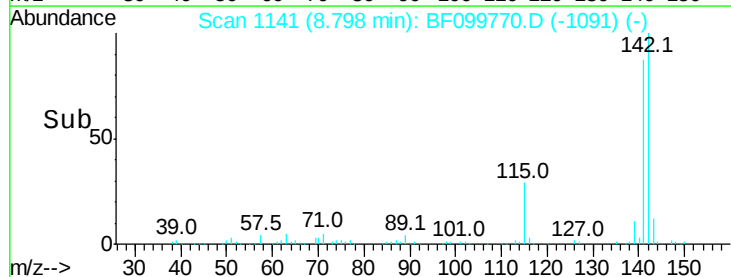
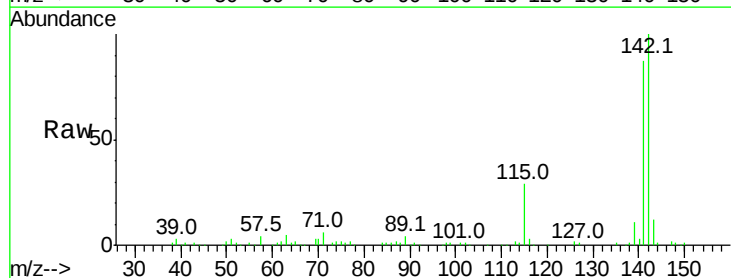
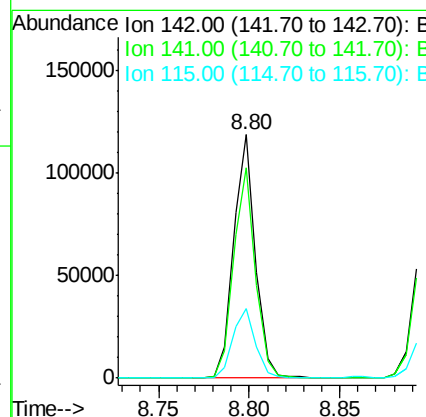
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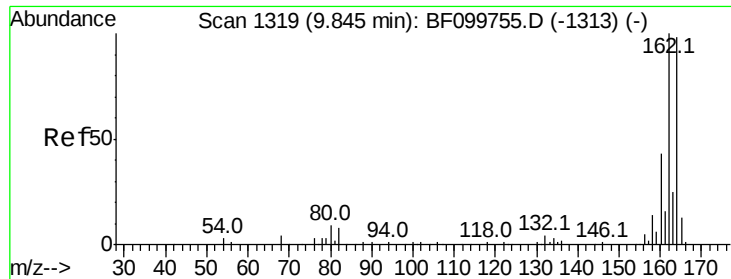
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#37
2-Methylnaphthalene
Concen: 7.223 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.8	106.2
115	28.8	26.1	39.1





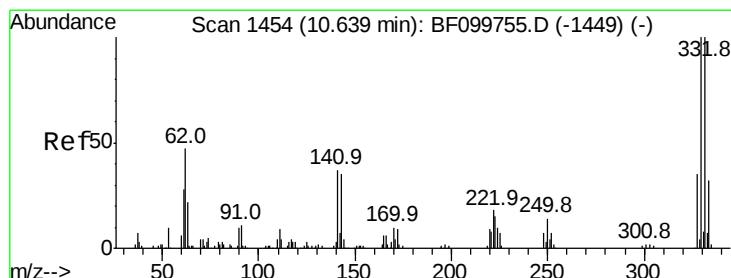
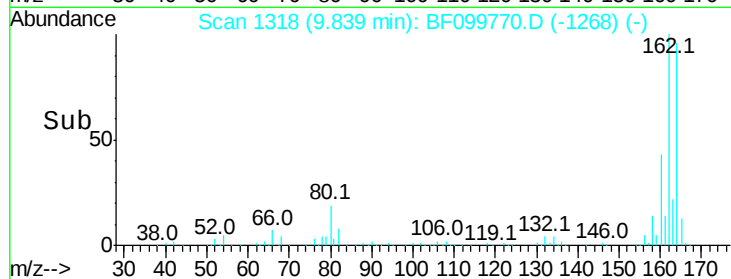
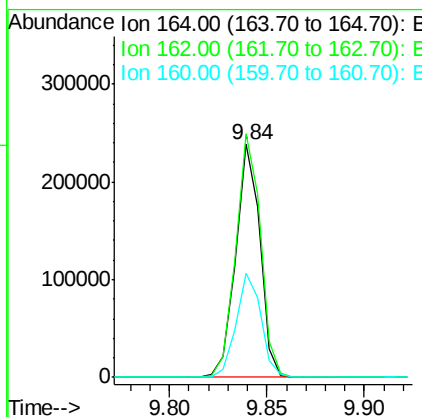
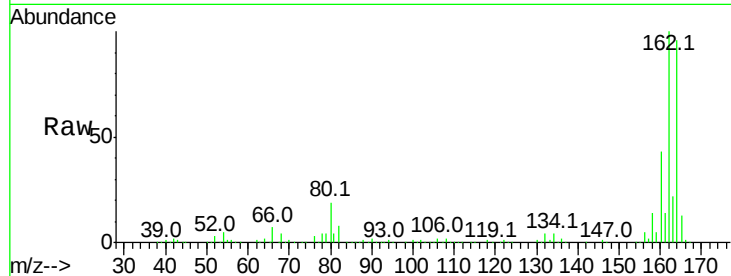
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	205271		
162	104.5	86.1	129.1	
160	44.9	38.3	57.5	

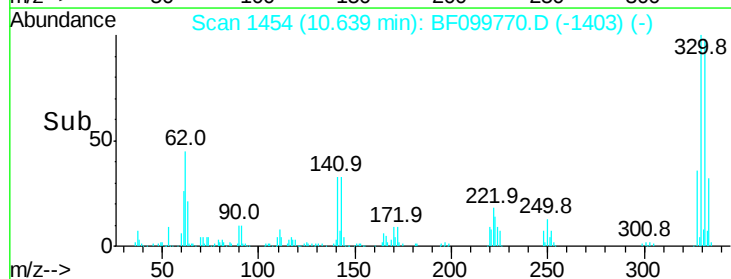
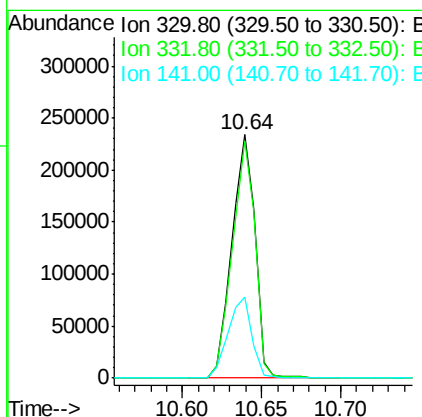
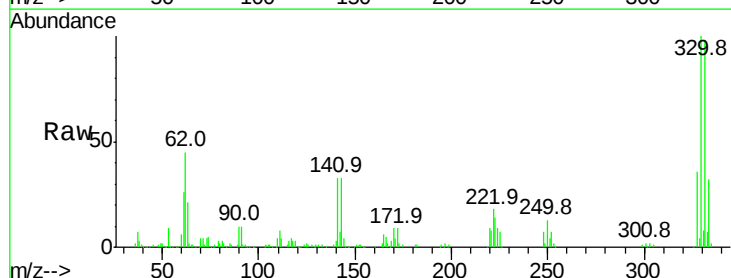
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#41
2,4,6-Tribromophenol
Concen: 126.984 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	237545		
332	96.7	77.0	115.6	
141	34.5	29.9	44.9	





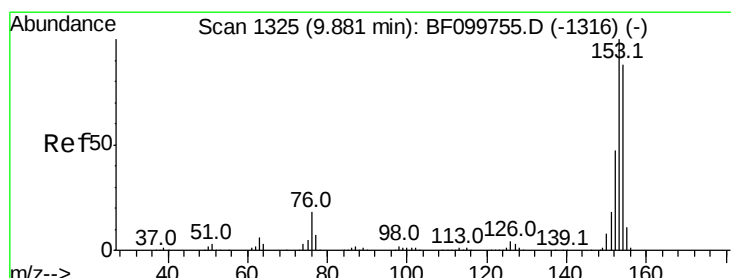
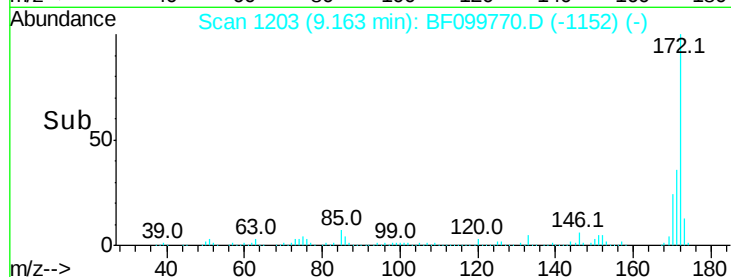
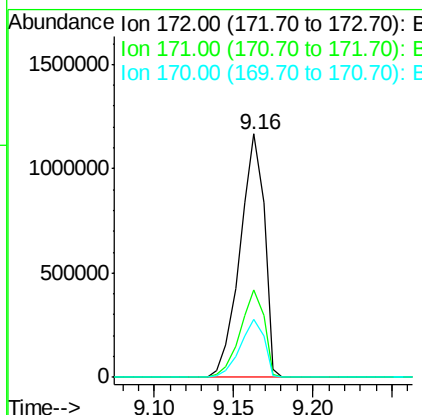
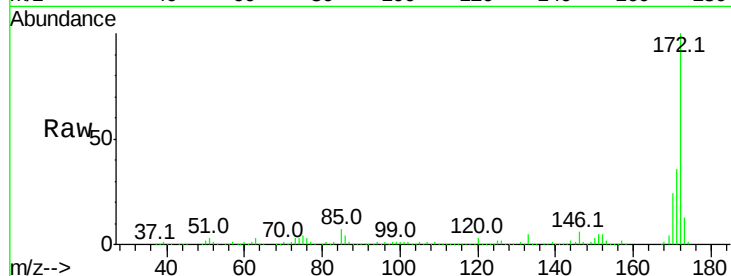
#44
2-Fluorobiphenyl
Concen: 92.957 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.1	19.6	29.4

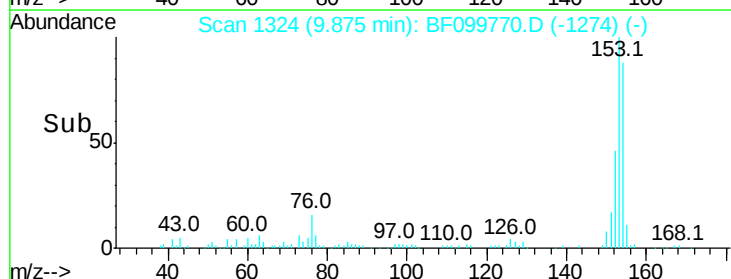
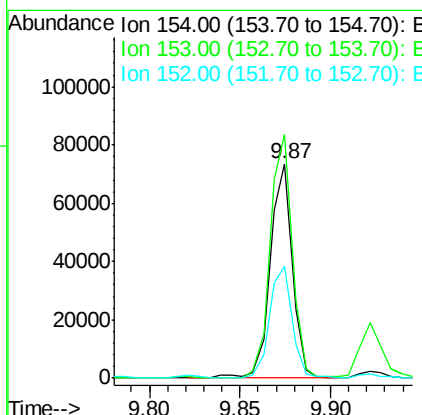
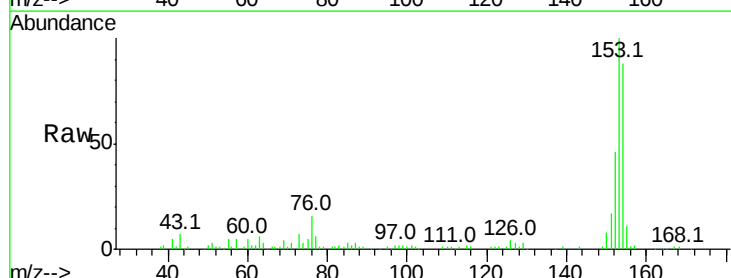
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#51
Acenaphthene
Concen: 4.895 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.2	136.8
152	52.0	43.8	65.8





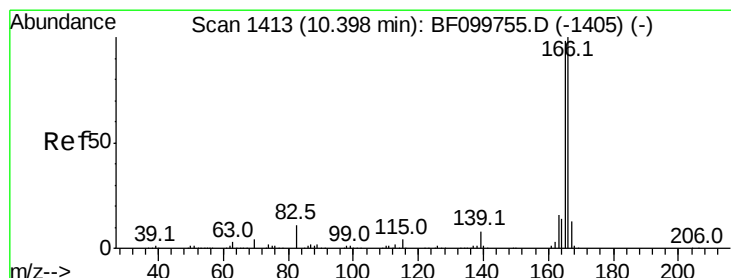
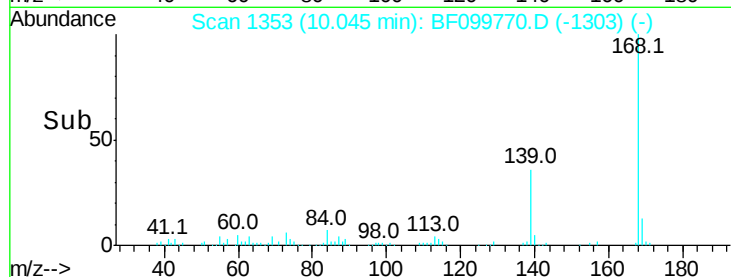
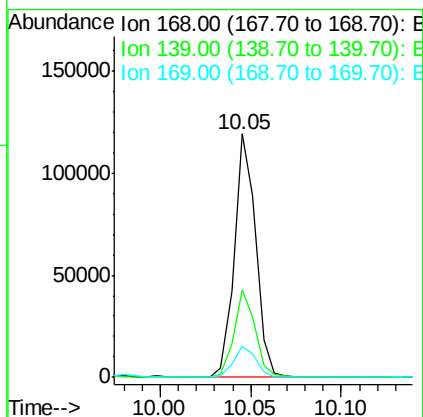
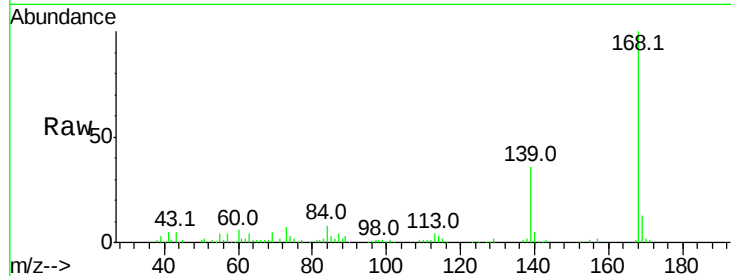
#54
Dibenzenofuran
Concen: 5.468 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	13.0	10.9	16.3

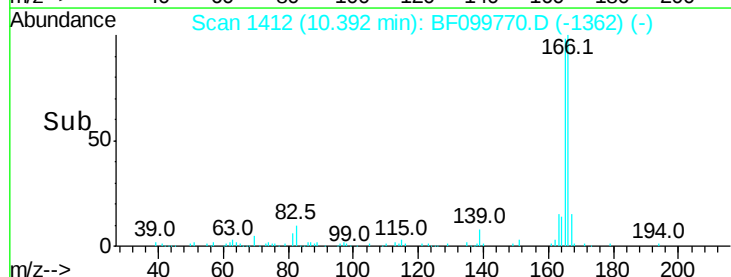
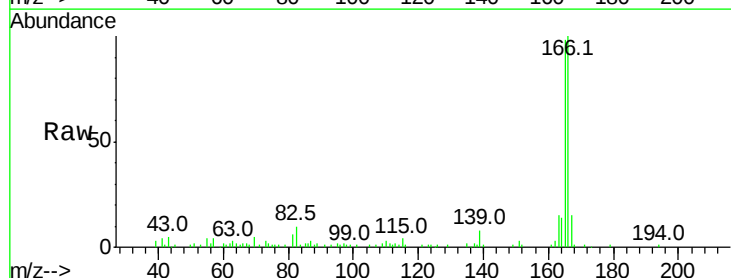
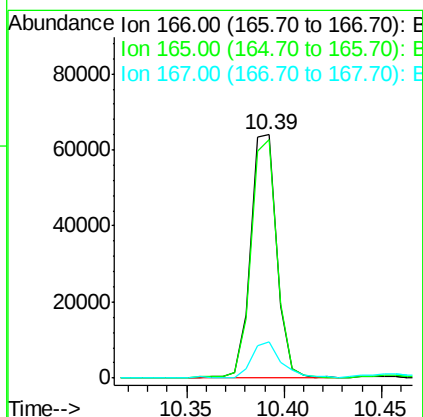
Manual Integrations
APPROVED

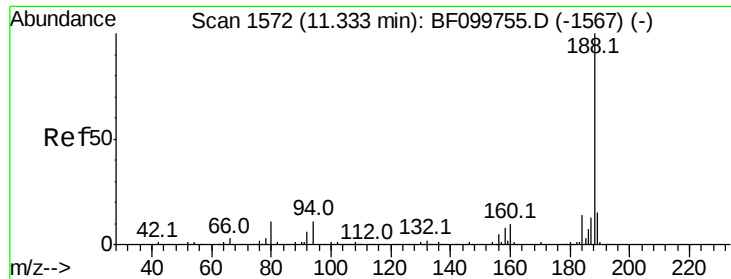
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#57
Fluorene
Concen: 4.019 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	14.8	10.6	16.0





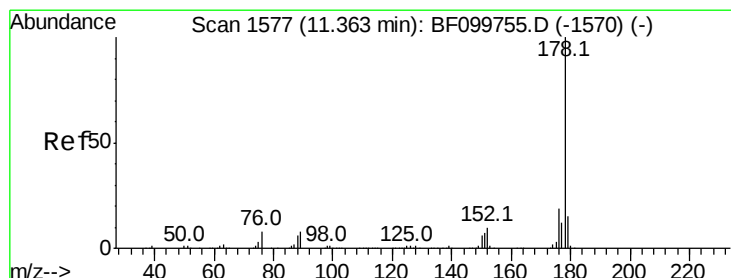
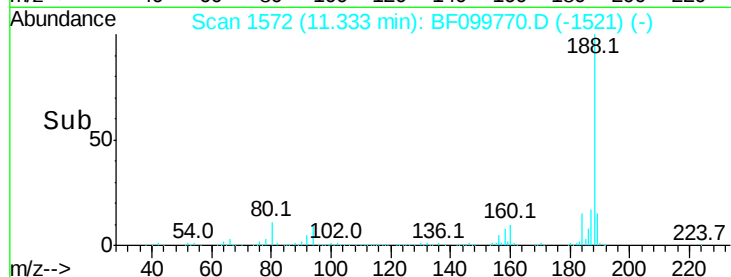
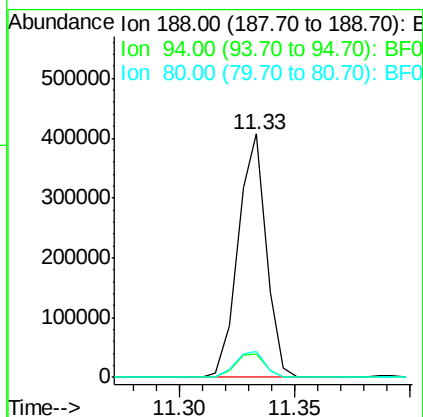
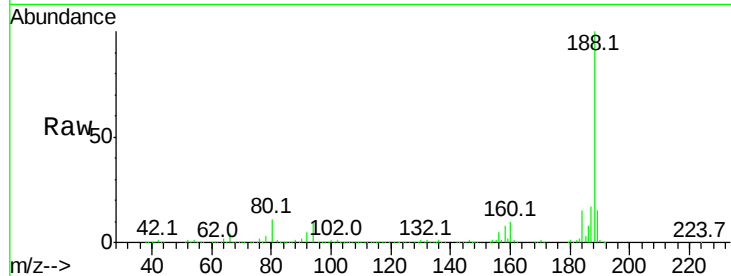
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.5	9.2	13.8

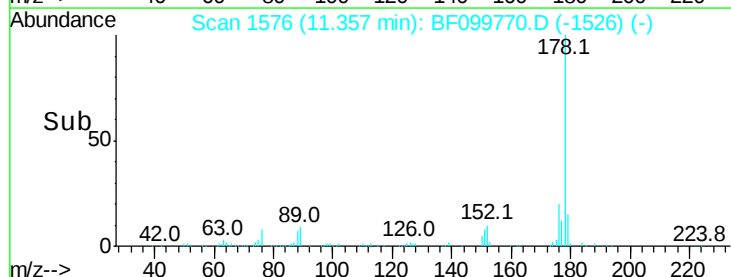
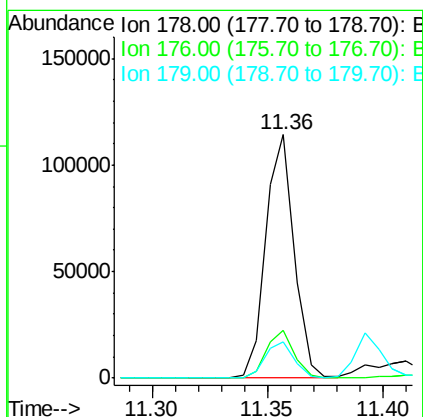
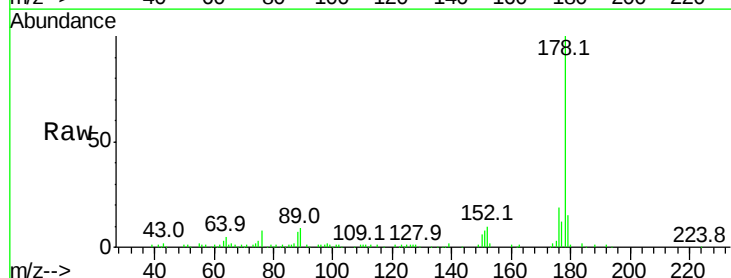
Manual Integrations
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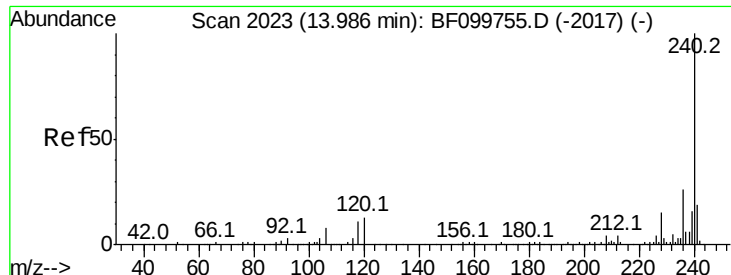
Sohil
10/24/2017 8:41:03 PM



#70
Phenanthrene
Concen: 5.021 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.0	13.0	19.6





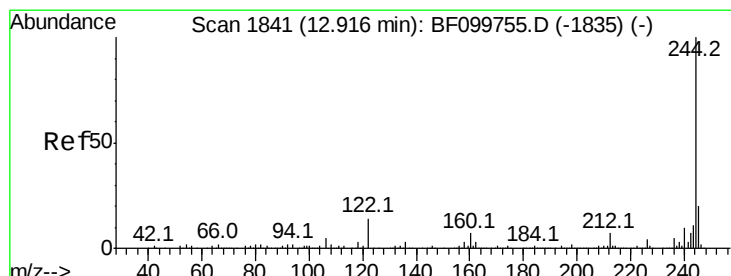
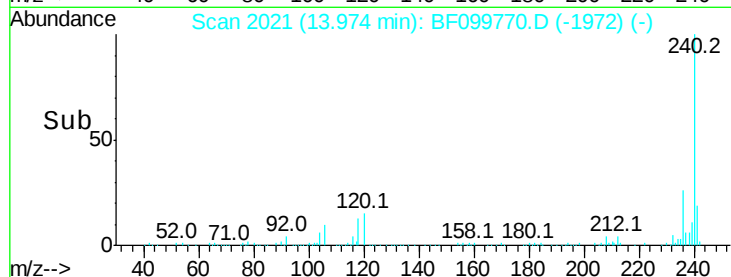
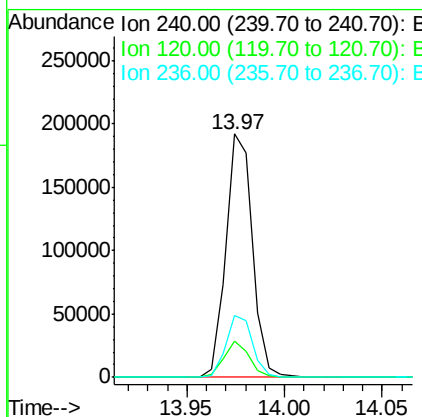
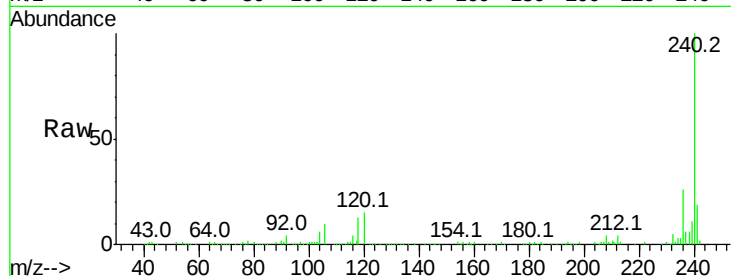
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3
236	25.5	20.7	31.1

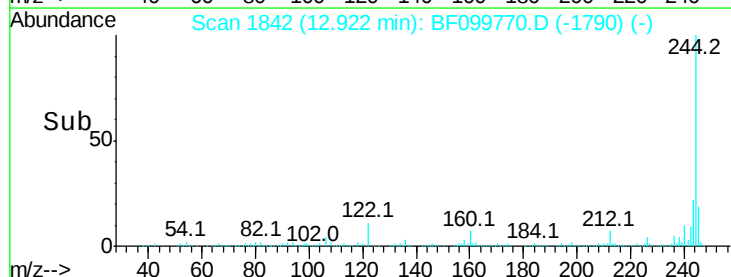
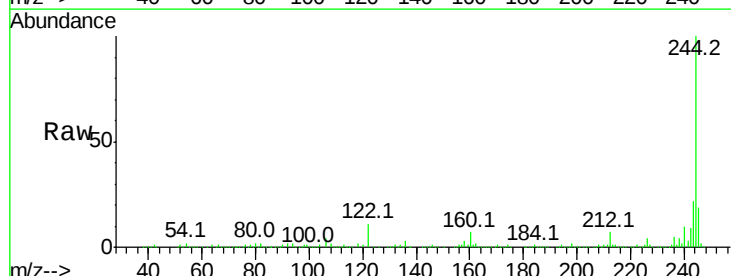
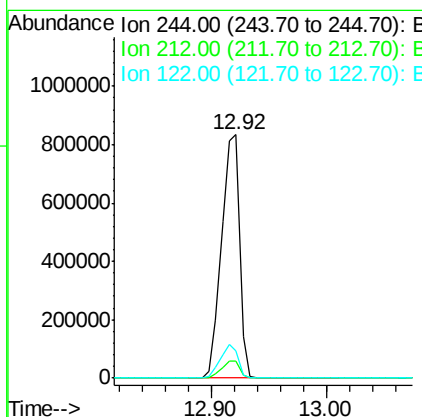
Manual Integrations
APPROVED

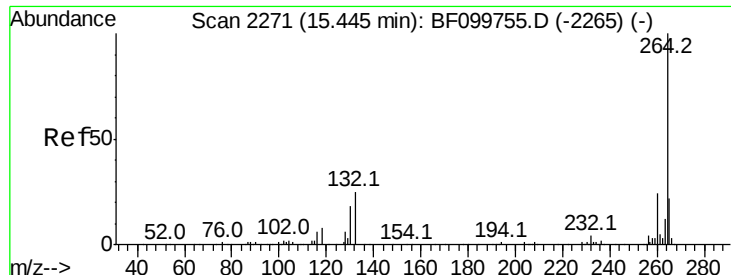
Sohil
10/24/2017 8:41:03 PM



#78
Terphenyl-d14
Concen: 109.676 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099770.D
Acq: 23 Oct 2017 20:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.5	11.0	16.4





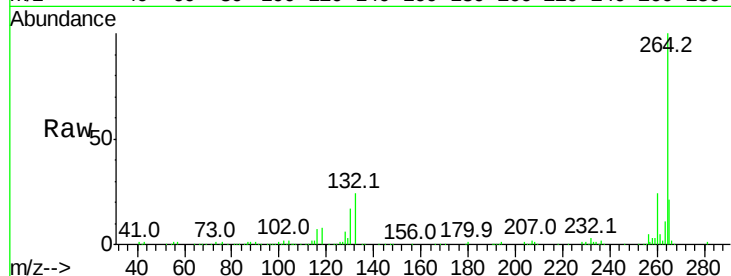
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF099770.D
 Acq: 23 Oct 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.9	19.2	28.8		
265	21.0	17.5	26.3		

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:41:03 PM



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

