

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100074.D
 Acq On : 2 Nov 2017 5:16
 Operator : SJ/JU
 Sample : I6231-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-103017

Manual Integrations
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Quant Time: Nov 02 16:09:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 14:34:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	93683	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	373719	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	172886	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	285244	20.00	ng	0.00
75) Chrysene-d12	14.23	240	177176	20.00	ng	-0.09
86) Perylene-d12	16.03	264	155984	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	817834	137.05	ng	0.03
7) Phenol-d6	6.43	99	898574	127.00	ng	0.00
23) Nitrobenzene-d5	7.35	82	611261	105.30	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	236919	150.37	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1300713	116.08	ng	0.00
78) Terphenyl-d14	12.98	244	930723	114.80	ng	-0.04
Target Compounds						
31) Naphthalene	8.09	128	504066	27.942	ng	99
37) 2-Methylnaphthalene	8.78	142	35612	2.946	ng	99

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

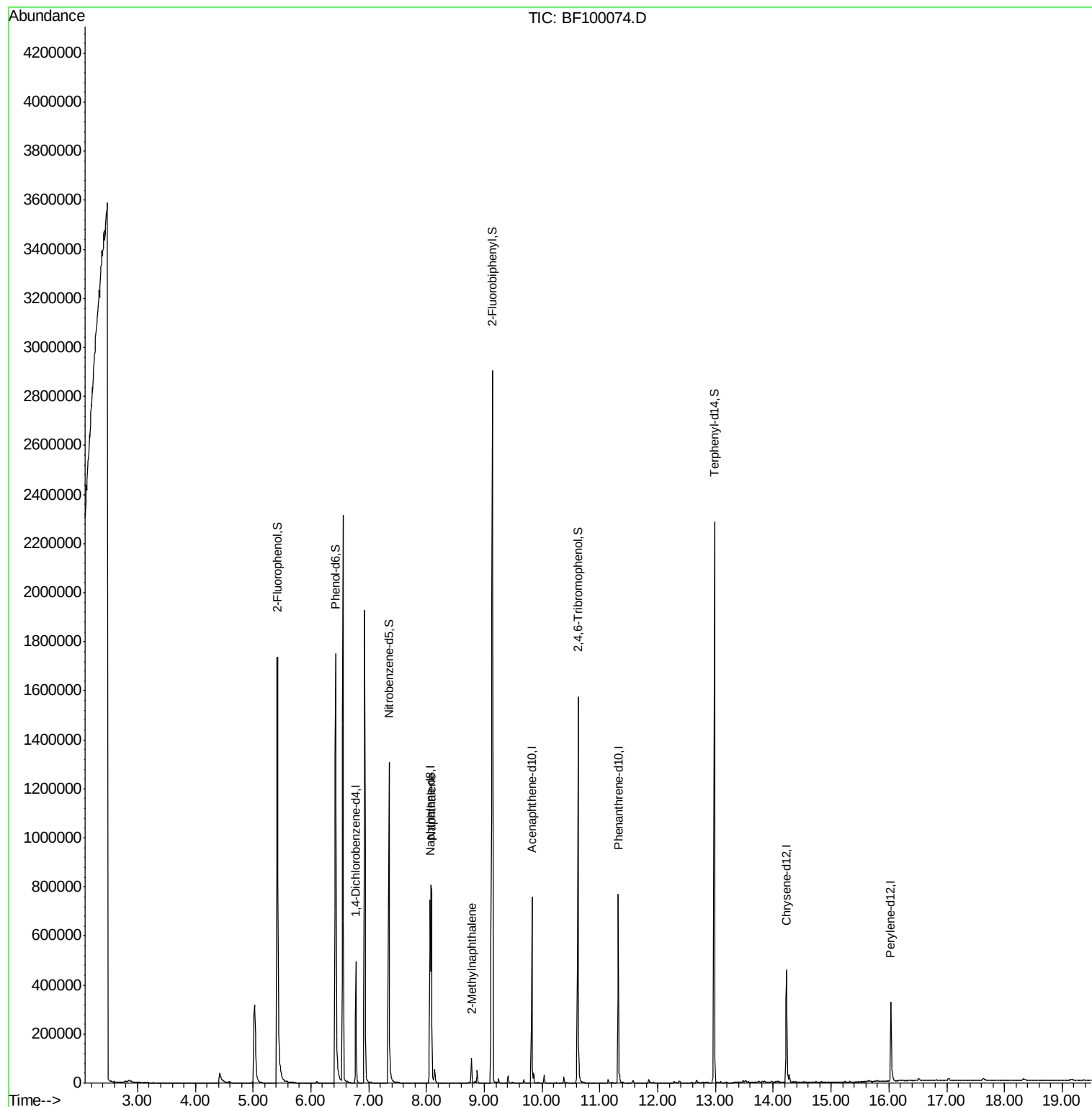
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100074.D
Acq On : 2 Nov 2017 5:16
Operator : SJ/JU
Sample : I6231-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

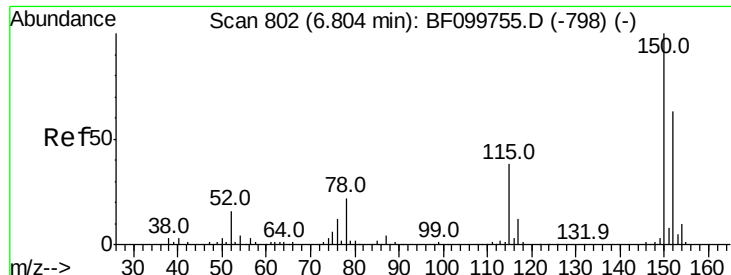
Instrument :
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Quant Time: Nov 02 16:09:10 2017
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QLast Update : Thu Nov 02 14:34:05 2017
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#1

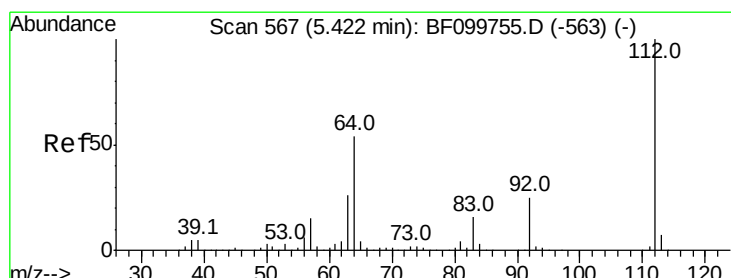
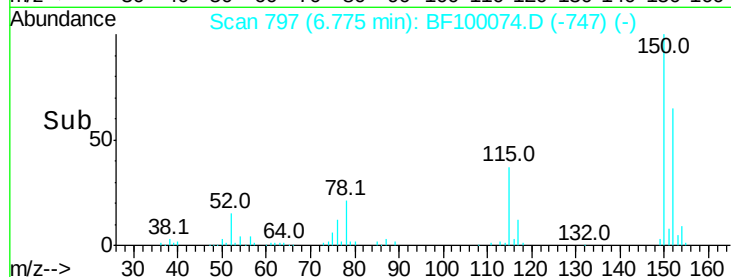
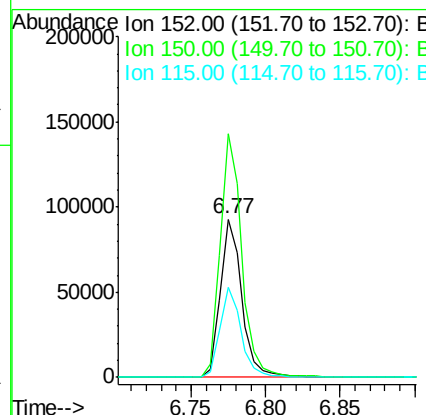
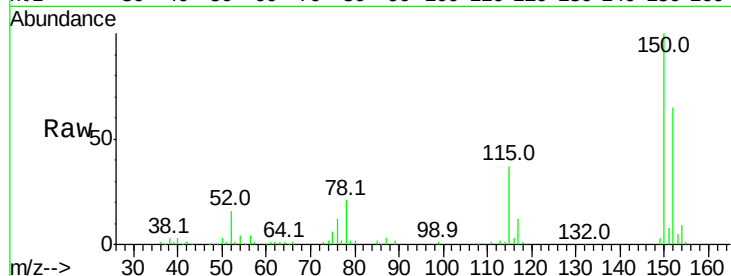
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF100074.D
Acq: 2 Nov 2017 5:16

Instrument :
BNA_F
ClientSampleId :
TR-04-103017

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	56.9	50.1	75.1

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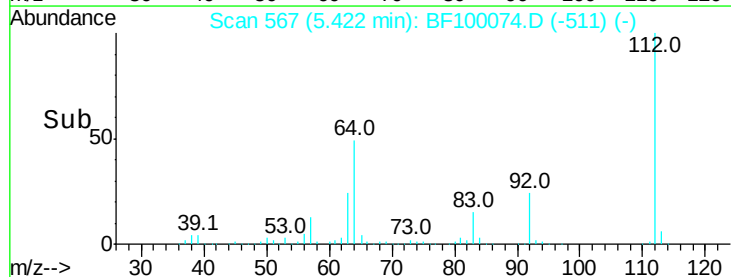
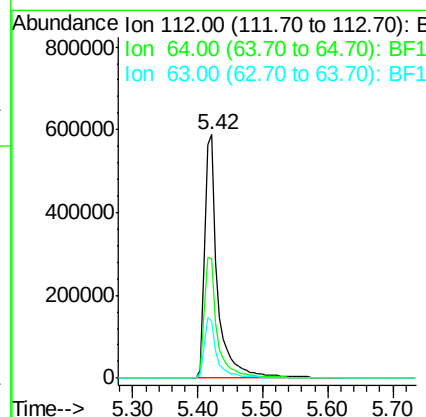
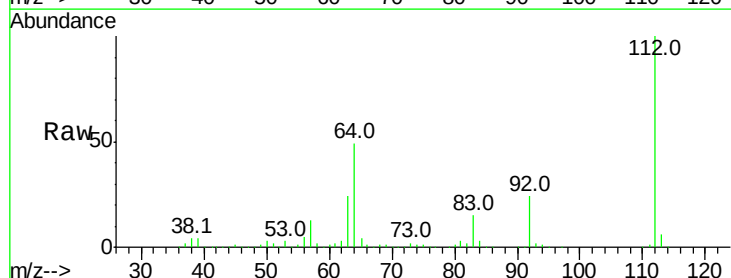
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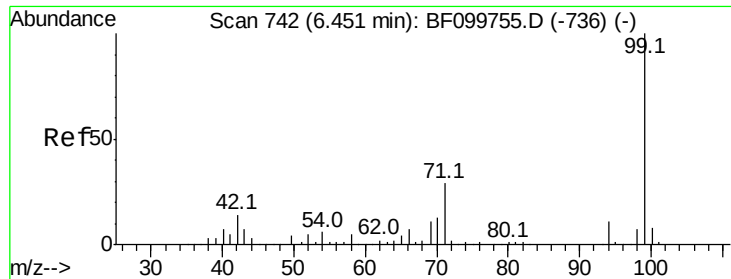


#5

2-Fluorophenol
Concen: 137.055 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.03 min
Lab File: BF100074.D
Acq: 2 Nov 2017 5:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	47.9	71.9
63	23.5	23.7	35.5#





#7

Phenol-d6

Concen: 126.999 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF100074.D

Acq: 2 Nov 2017 5:16

Instrument :

BNA_F

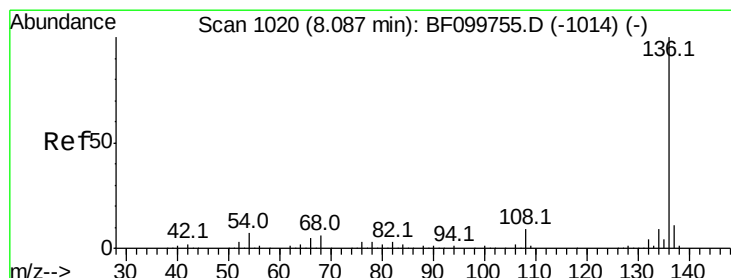
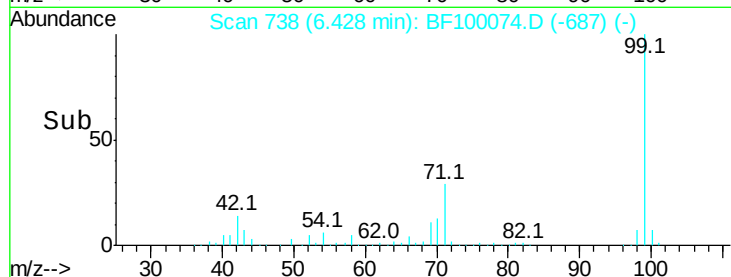
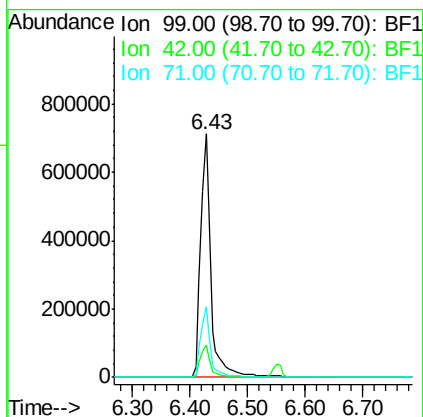
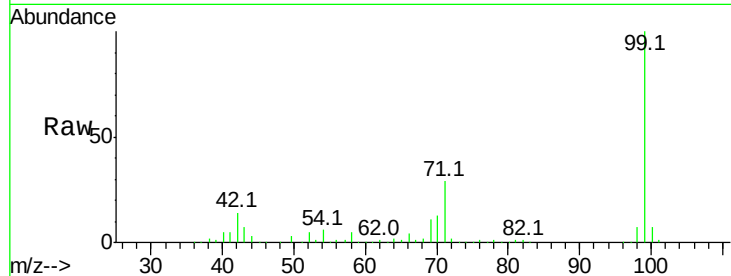
ClientSampleId :

TR-04-103017

Tot Ion:	99	Resp:	898574
Ion Ratio	Lower	Upper	
99	100		
42	13.6	14.5	21.7#
71	29.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

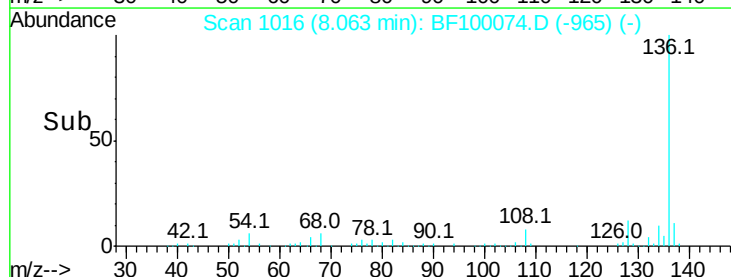
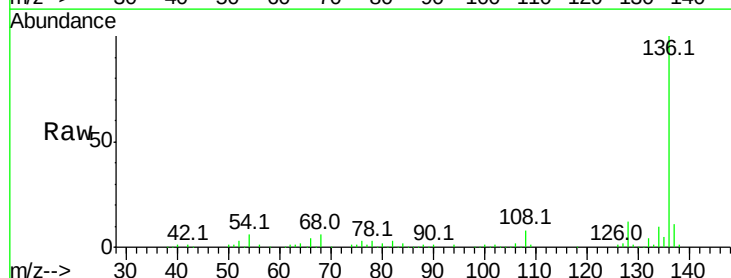
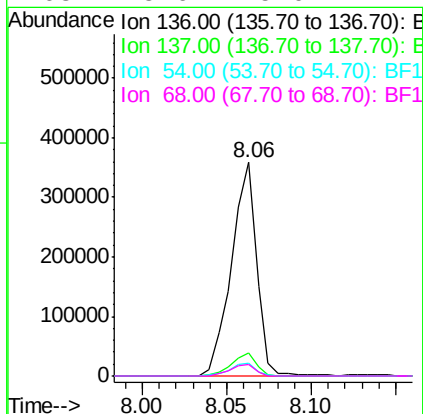
RT: 8.06 min Scan# 1016

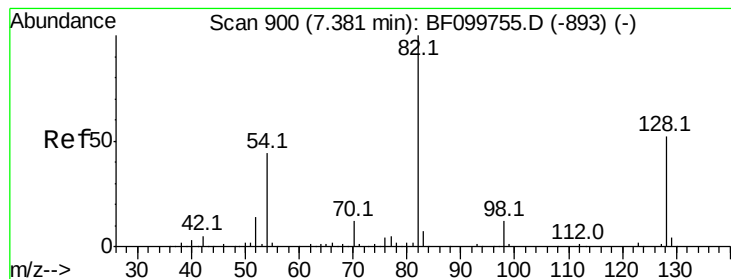
Delta R.T. -0.00 min

Lab File: BF100074.D

Acq: 2 Nov 2017 5:16

Tgt Ion:	136	Resp:	373719
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.1	6.6	9.8#
68	5.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 105.302 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF100074.D

Acq: 2 Nov 2017 5:16

Instrument :

BNA_F

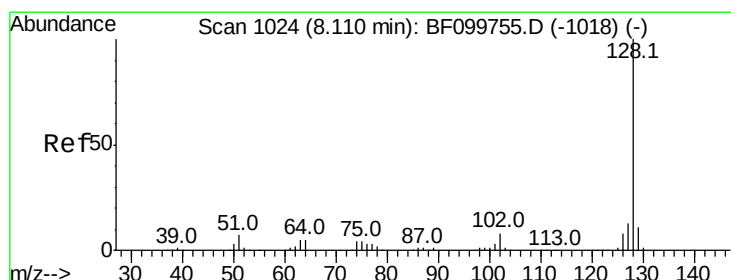
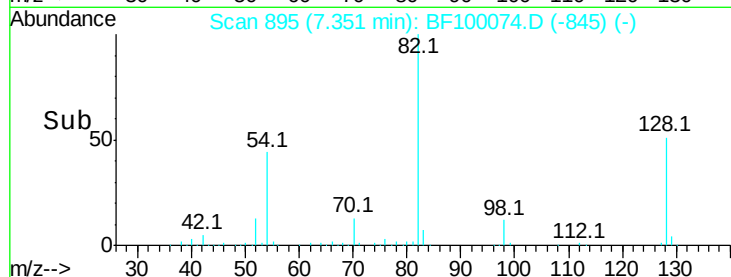
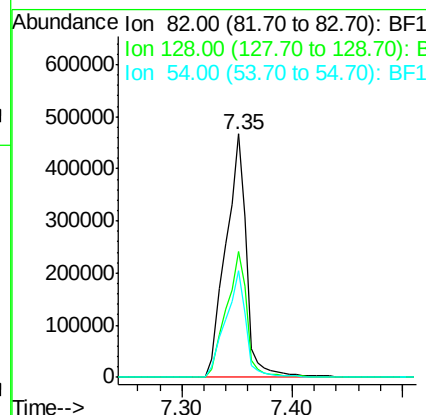
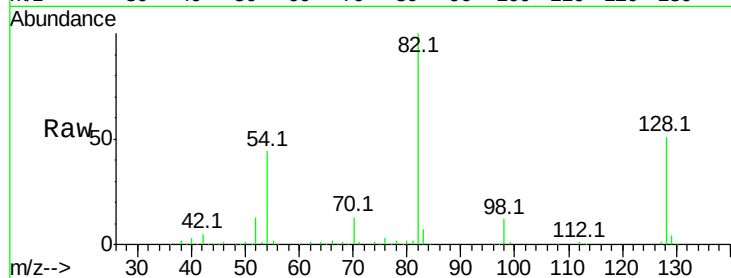
ClientSampleId :

TR-04-103017

Tot Ion:	82	Resp:	611261
Ion Ratio	Lower	Upper	
82	100		
128	51.5	36.1	54.1
54	43.6	41.4	62.2

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#31

Naphthalene

Concen: 27.942 ng

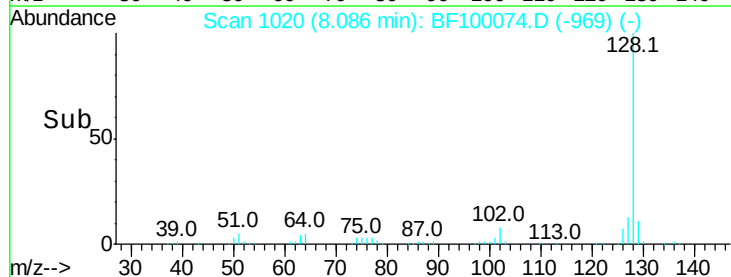
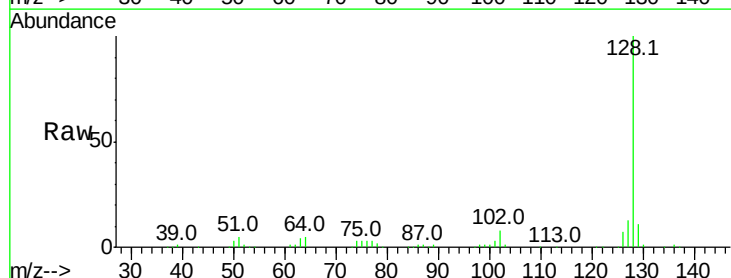
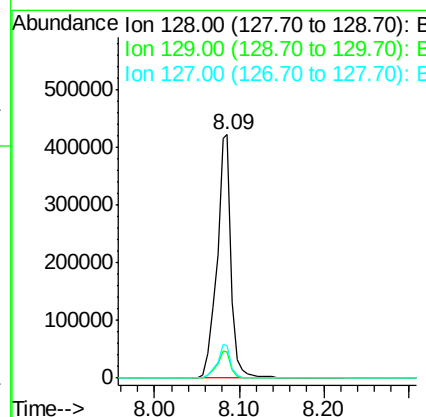
RT: 8.09 min Scan# 1020

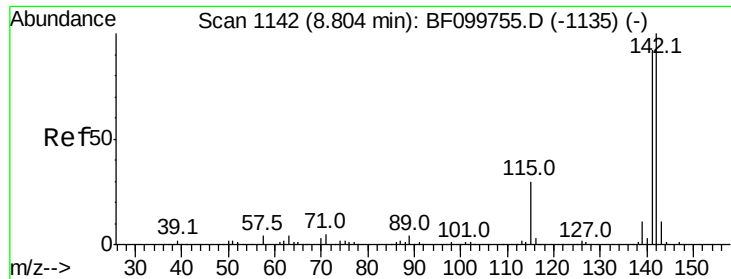
Delta R.T. -0.00 min

Lab File: BF100074.D

Acq: 2 Nov 2017 5:16

Tgt Ion:	128	Resp:	504066
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	13.4	10.9	16.3





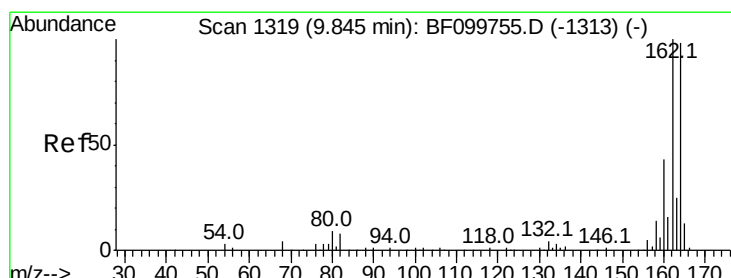
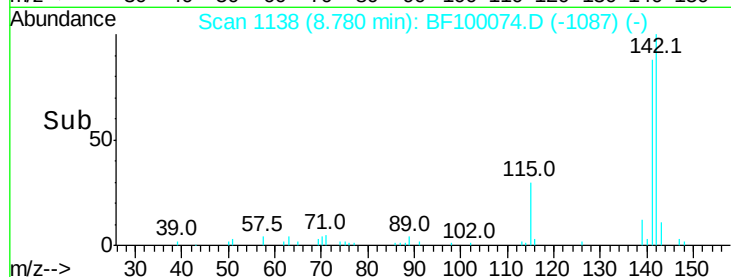
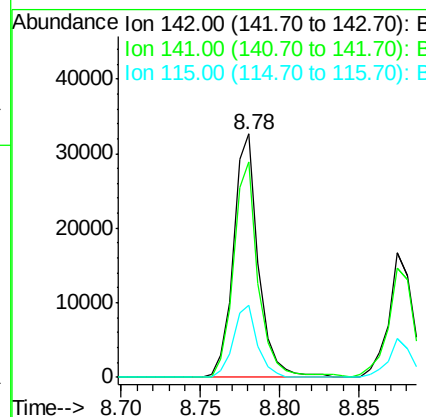
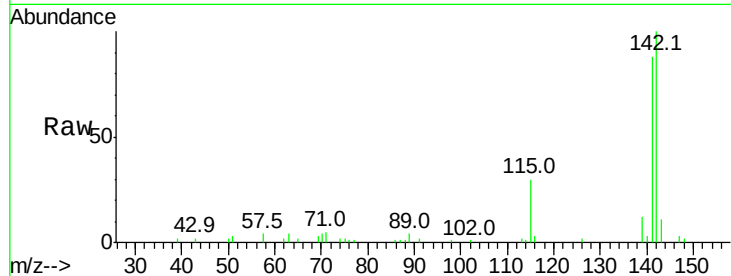
#37
2-Methylnaphthalene
Concen: 2.946 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF100074.D
Acq: 2 Nov 2017 5:16

Instrument :
BNA_F
ClientSampleId :
TR-04-103017

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	29.9	26.1	39.1

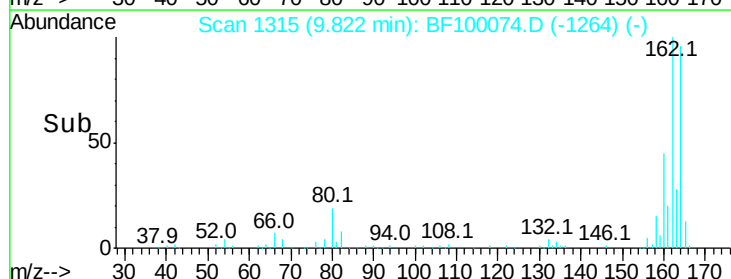
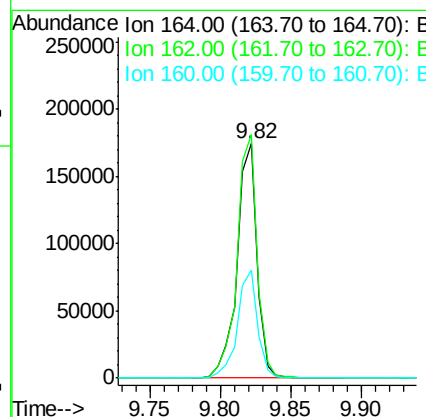
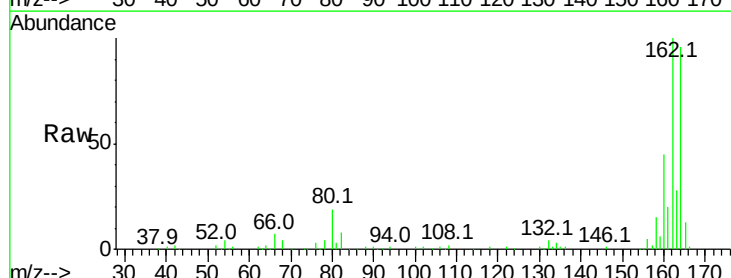
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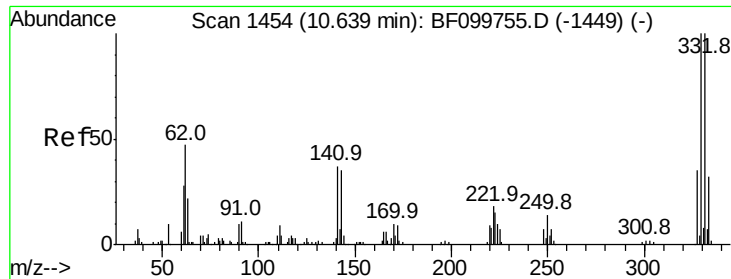
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF100074.D
Acq: 2 Nov 2017 5:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.2	38.3	57.5





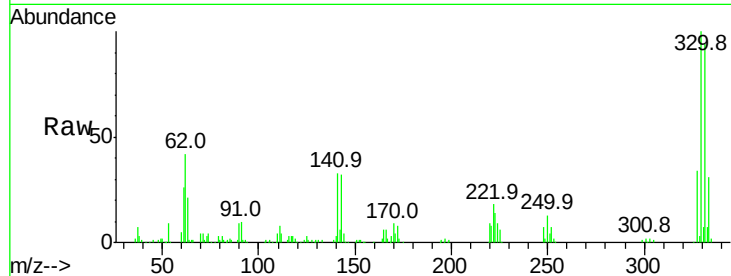
#41
 2,4,6-Tribromophenol
 Concen: 150.373 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF100074.D
 Acq: 2 Nov 2017 5:16

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-103017

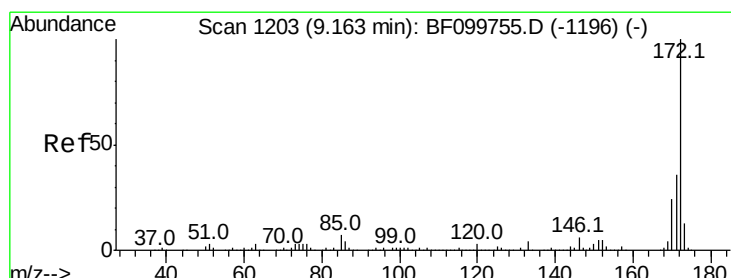
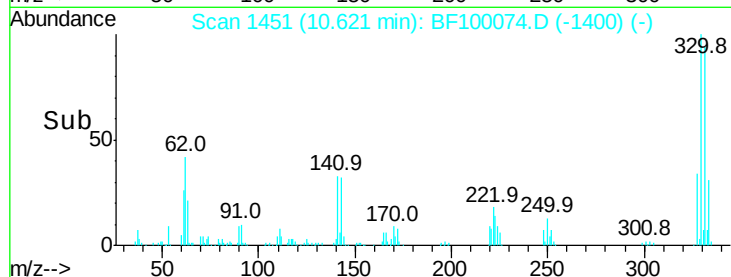
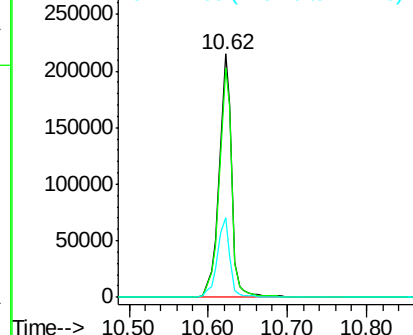
Tot Ion	Ratio	Resp	Lower	Upper
330	100	236919		
332	94.8	77.0	115.6	
141	33.1	29.9	44.9	

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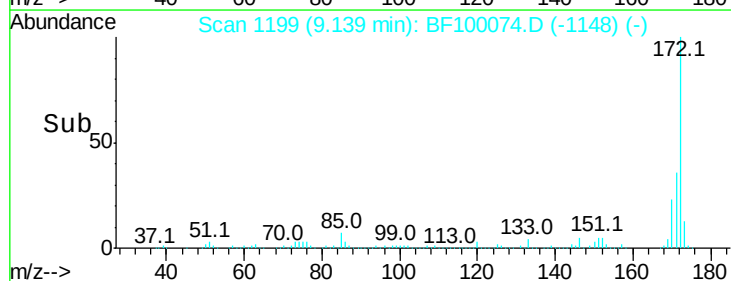
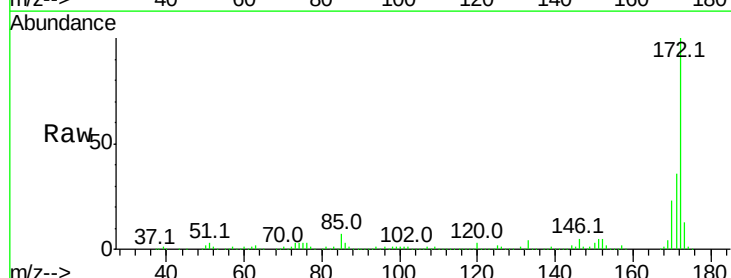
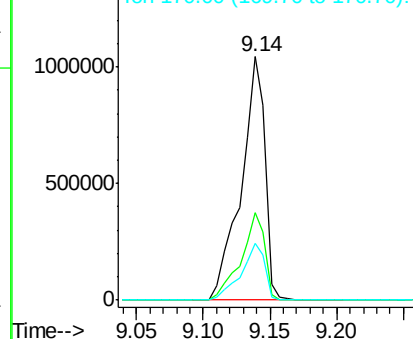
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

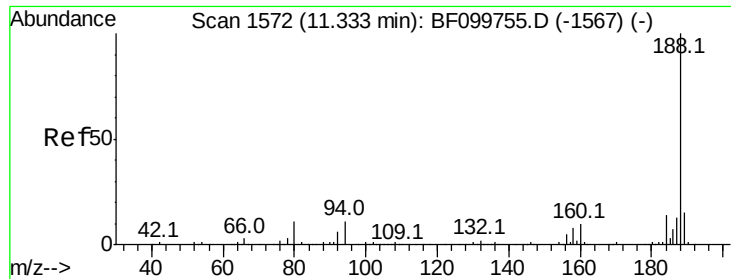


#44
 2-Fluorobiphenyl
 Concen: 116.076 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF100074.D
 Acq: 2 Nov 2017 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1300713		
171	36.2	29.7	44.5	
170	23.3	19.6	29.4	

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





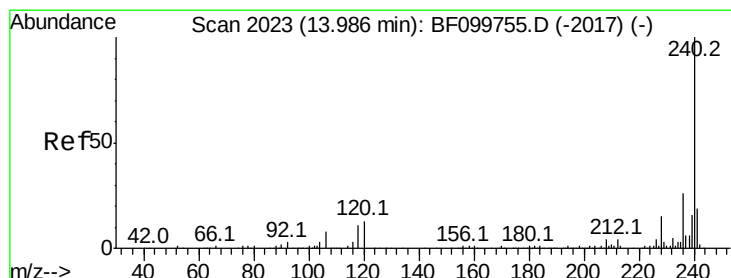
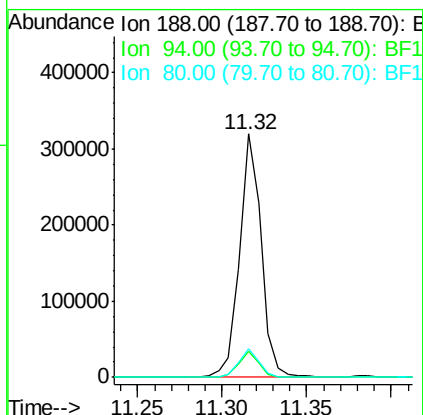
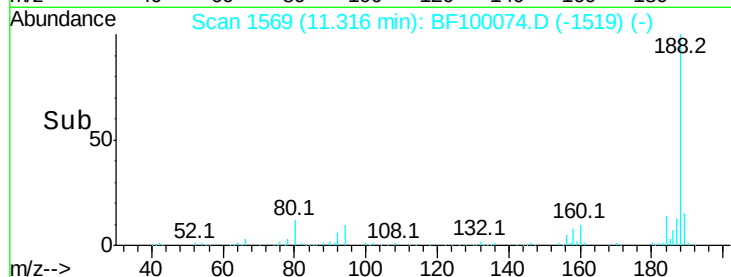
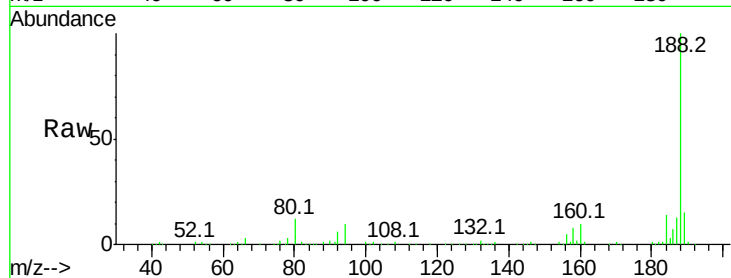
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100074.D
Acq: 2 Nov 2017 5:16

Instrument :
BNA_F
ClientSampleId :
TR-04-103017

Tot Ion	Ratio	Resp	Lower	Upper
188	100	285244		
94	10.5		8.5	12.7
80	11.7		9.2	13.8

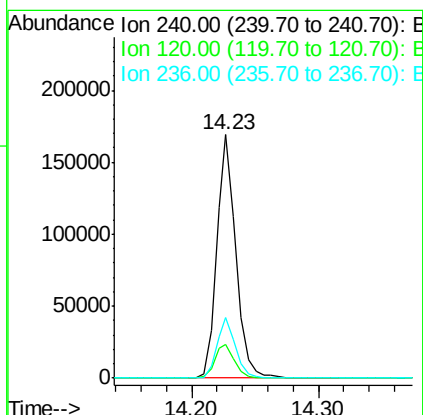
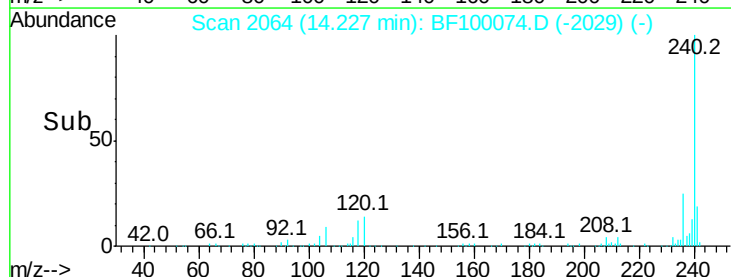
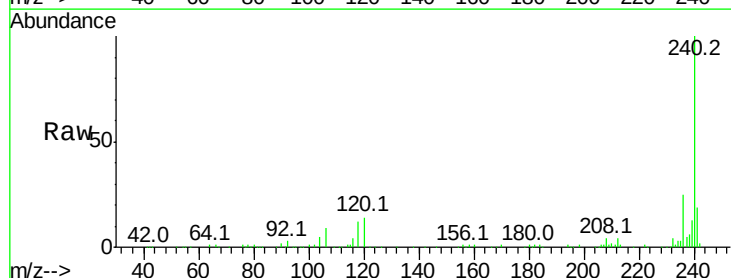
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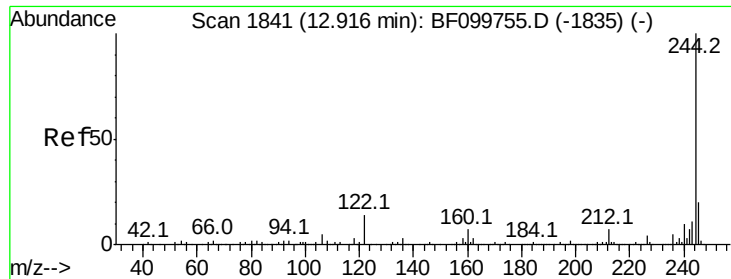
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.23 min Scan# 2064
Delta R.T. -0.09 min
Lab File: BF100074.D
Acq: 2 Nov 2017 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	177176		
120	13.9		9.5	14.3
236	24.7		20.7	31.1





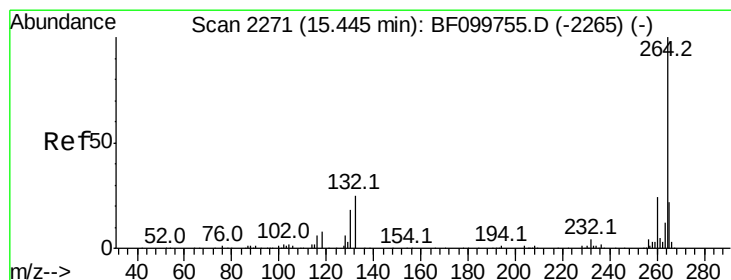
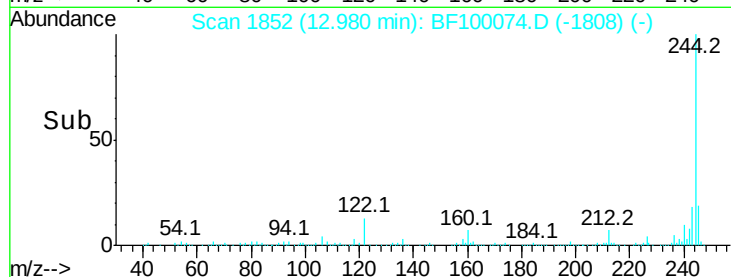
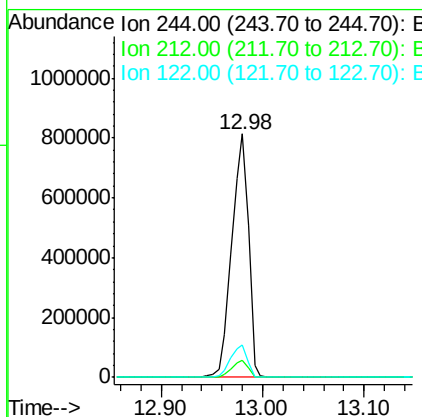
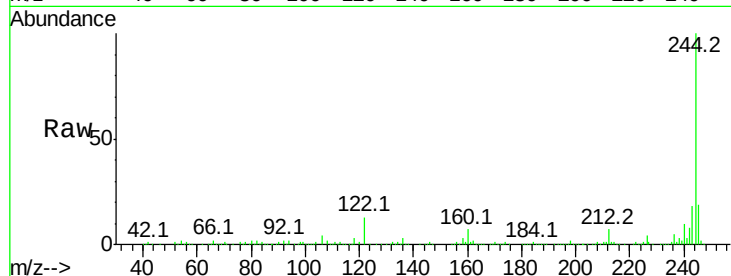
#78
 Terphenyl-d14
 Concen: 114.800 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.04 min
 Lab File: BF100074.D
 Acq: 2 Nov 2017 5:16

Instrument :
 BNA_F
 ClientSampled :
 TR-04-103017

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.1	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 16.03 min Scan# 2371
 Delta R.T. -0.18 min
 Lab File: BF100074.D
 Acq: 2 Nov 2017 5:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	20.2	17.5	26.3

