

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100073.D
 Acq On : 2 Nov 2017 4:51
 Operator : SJ/JU
 Sample : I6236-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 133

Manual Integrations
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Sohil
 11/2/2017 4:30:12 PM

Quant Time: Nov 02 16:07:43 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	6.78	152	81569	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	321945	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	149294	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	248728	20.00	ng	0.00
75) Chrysene-d12	14.27	240	161788	20.00	ng	-0.05
86) Perylene-d12	16.12	264	143878	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	709060	136.47	ng	0.02
7) Phenol-d6	6.43	99	774679	125.75	ng	0.00
23) Nitrobenzene-d5	7.35	82	532833	106.55	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	208279	153.09	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1088832	112.52	ng	0.00
78) Terphenyl-d14	13.00	244	860220	116.20	ng	-0.02
Target Compounds						
31) Naphthalene	8.08	128	347579	22.366	ng	99
37) 2-Methylnaphthalene	8.78	142	32529	3.123	ng	97

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

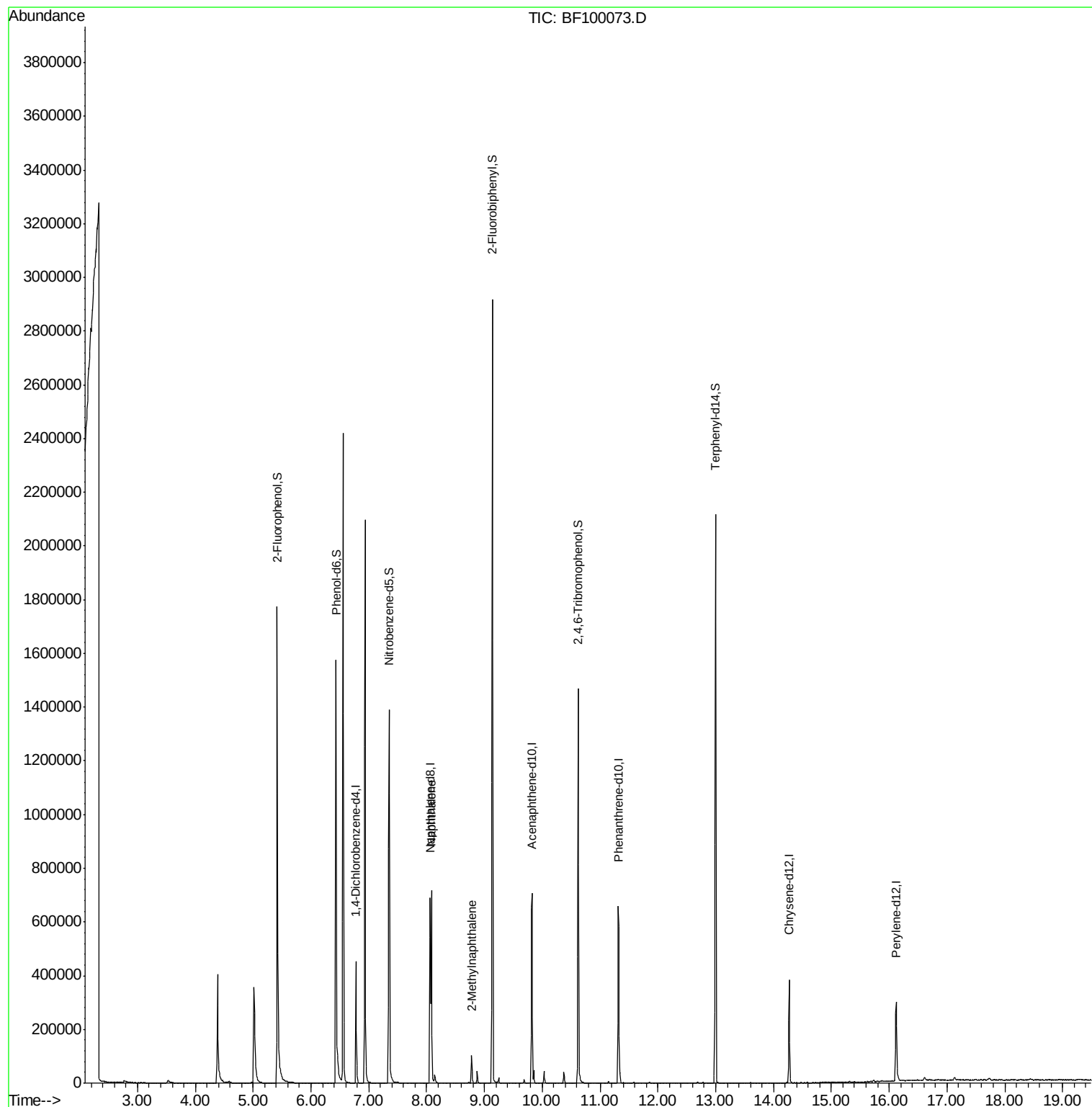
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100073.D
Acq On : 2 Nov 2017 4:51
Operator : SJ/JU
Sample : I6236-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

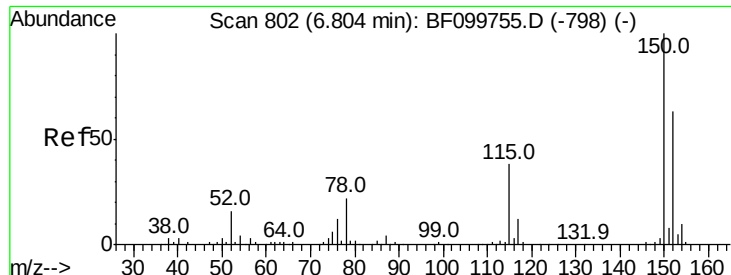
Instrument :
BNA_F
ClientSampleId :
133

Manual Integrations
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Sohil
11/2/2017 4:30:12 PM

Quant Time: Nov 02 16:07:43 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





#1

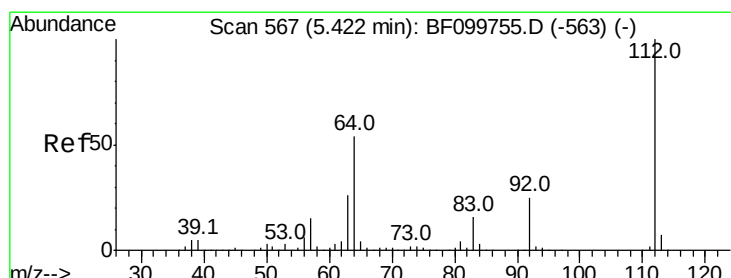
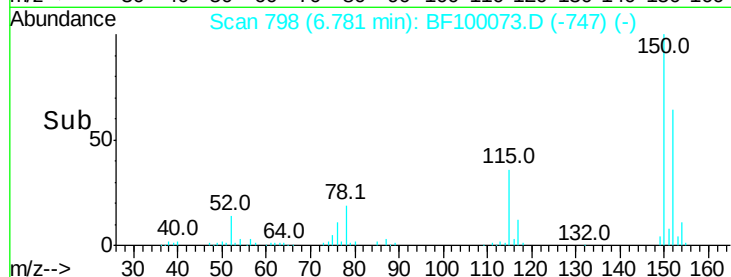
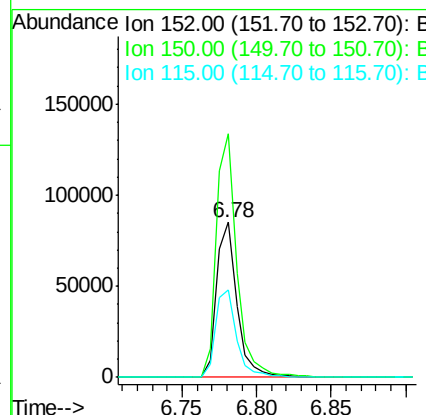
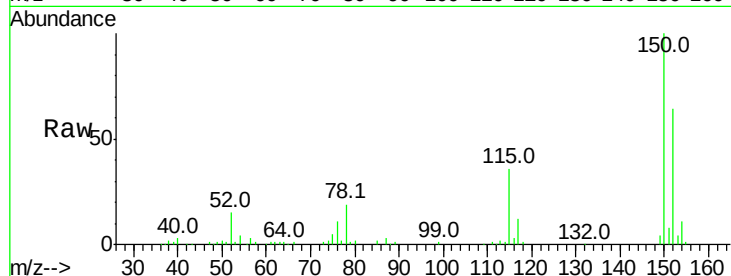
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF100073.D
Acq: 2 Nov 2017 4:51

Instrument :
BNA_F
ClientSampleId :
133

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	56.8	50.1	75.1

Manual Integrations
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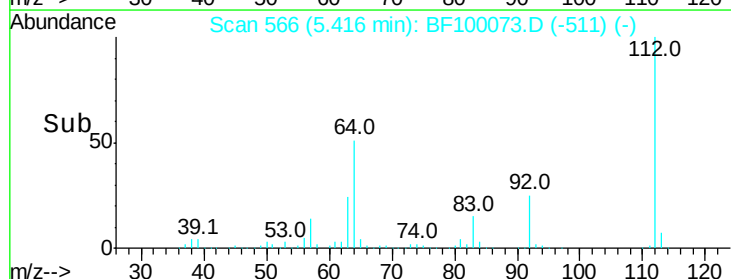
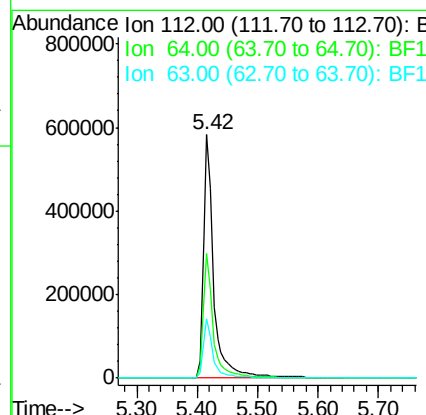
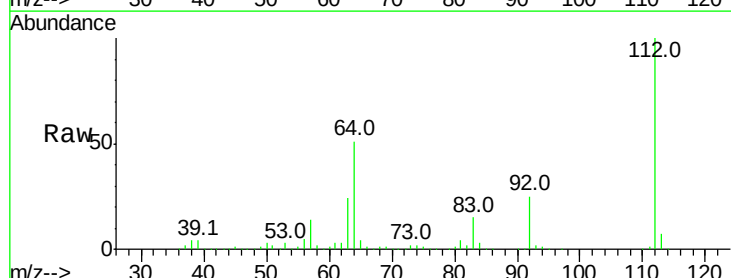
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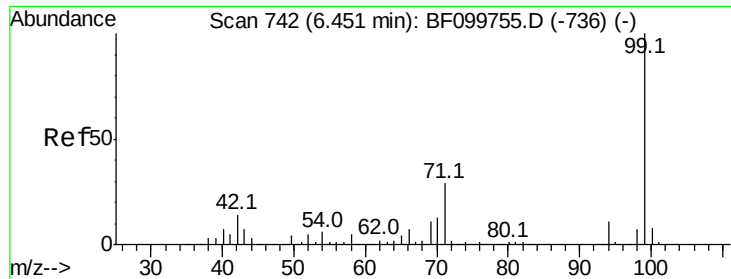


#5

2-Fluorophenol
Concen: 136.473 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100073.D
Acq: 2 Nov 2017 4:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	47.9	71.9
63	24.5	23.7	35.5





#7

Phenol-d6

Concen: 125.749 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Instrument :

BNA_F

ClientSampled :

133

Tot Ion: 99 Resp: 774679

Ion Ratio Lower Upper

99 100

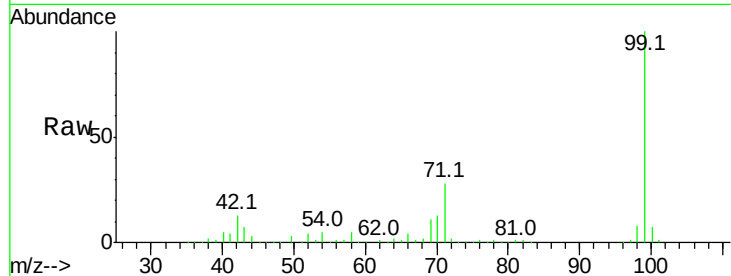
42 12.7 14.5 21.7#

71 27.9 25.4 38.0

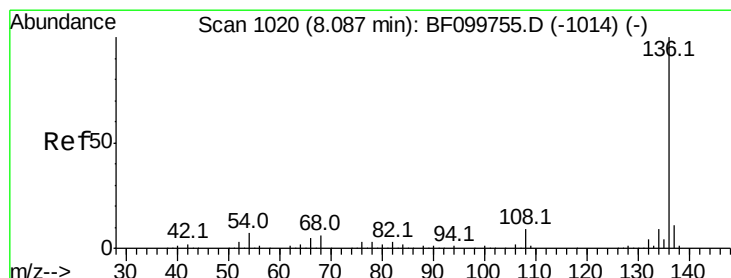
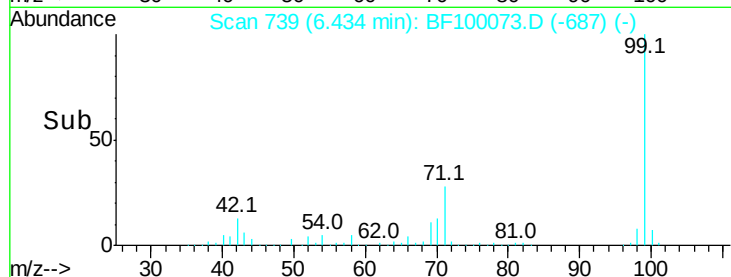
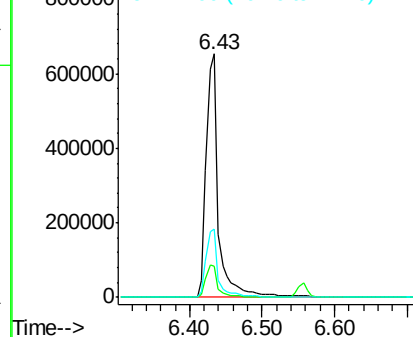
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF100073.D

Acq: 2 Nov 2017 4:51

Tgt Ion: 136 Resp: 321945

Ion Ratio Lower Upper

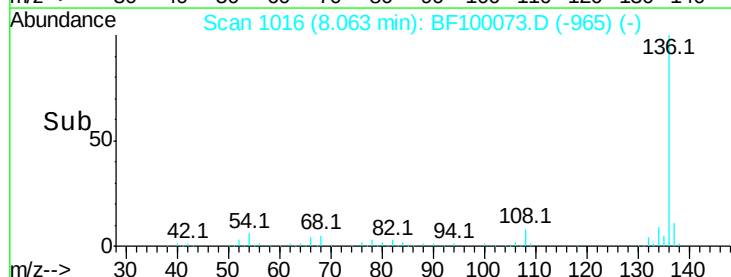
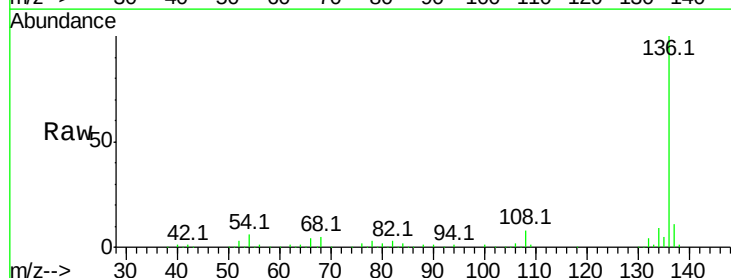
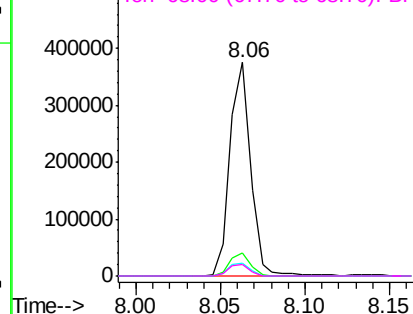
136 100

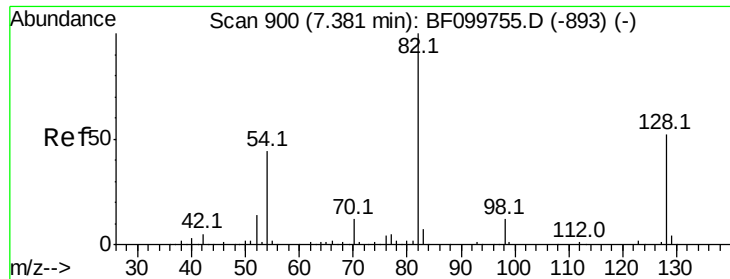
137 10.6 8.9 13.3

54 6.1 6.6 9.8#

68 5.4 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





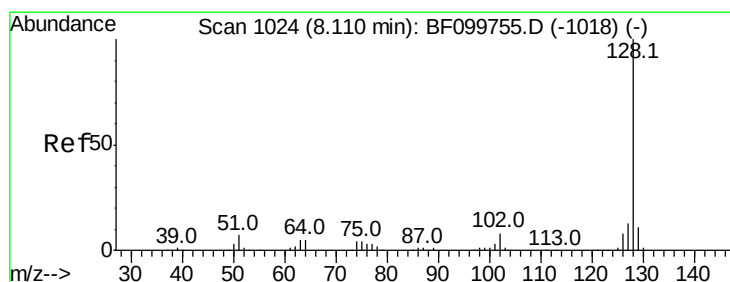
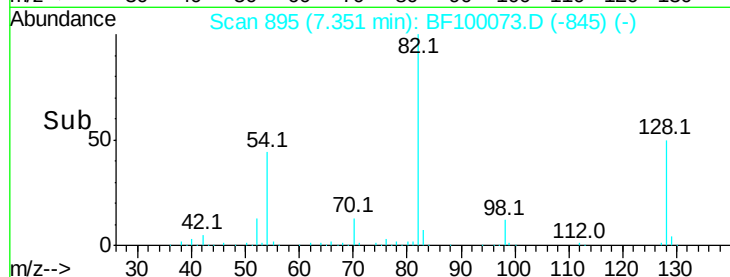
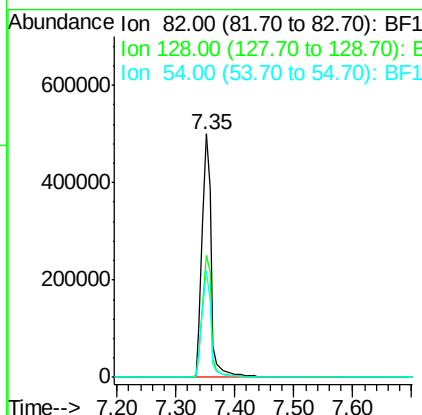
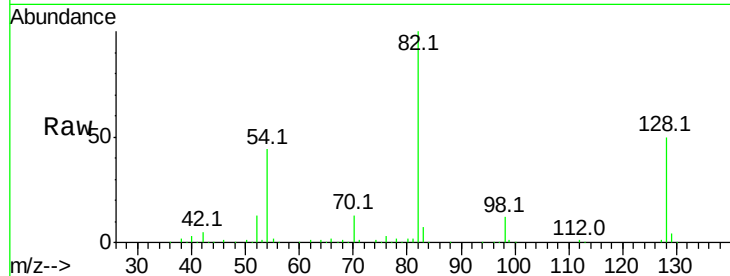
#23
Nitrobenzene-d5
Concen: 106.553 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF100073.D
Acq: 2 Nov 2017 4:51

Instrument :
BNA_F
ClientSampled :
133

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	43.6	41.4	62.2

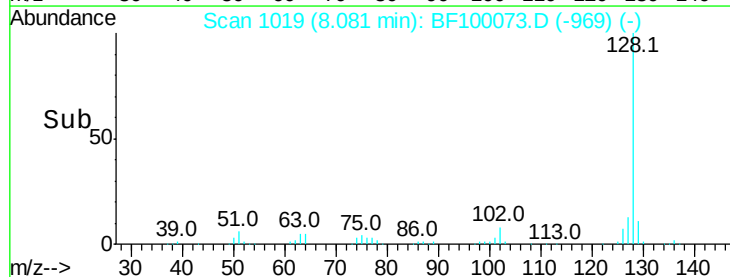
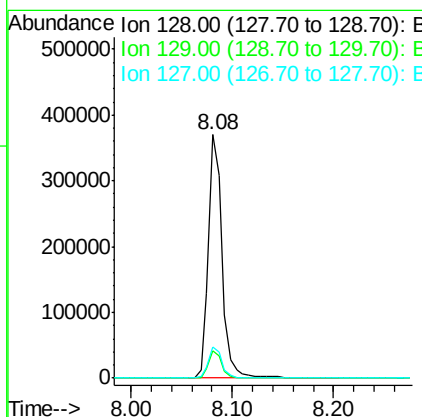
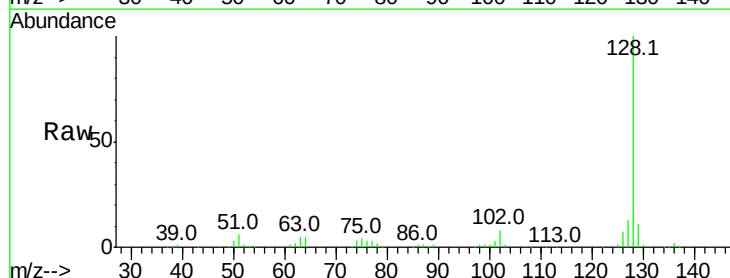
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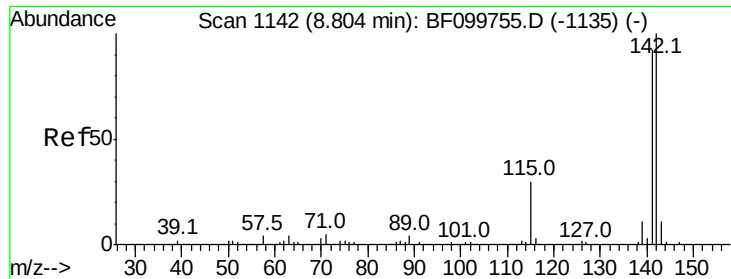
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#31
Naphthalene
Concen: 22.366 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF100073.D
Acq: 2 Nov 2017 4:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.7	10.9	16.3





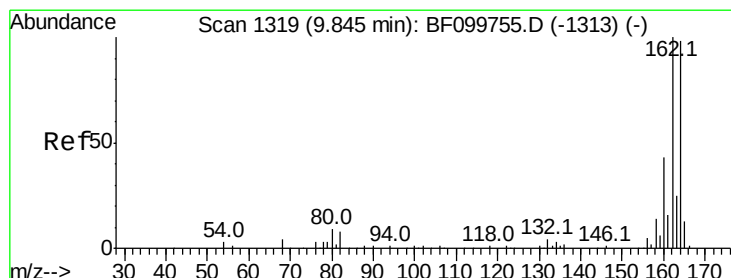
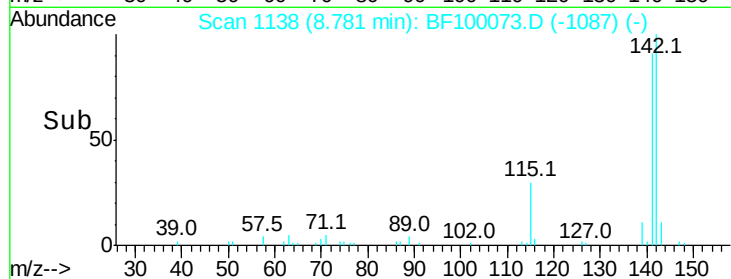
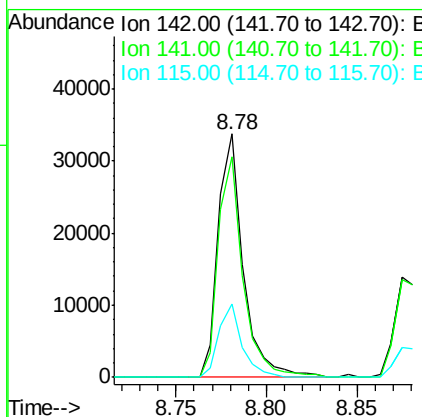
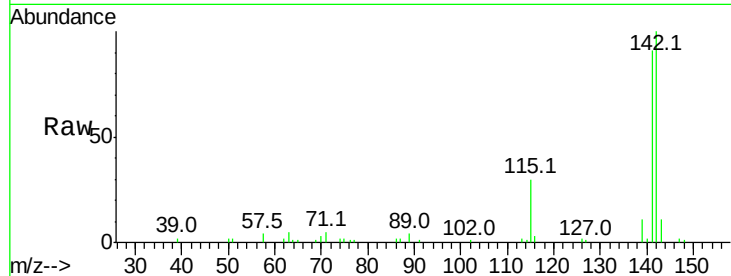
#37
2-Methylnaphthalene
Concen: 3.123 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF100073.D
Acq: 2 Nov 2017 4:51

Instrument :
BNA_F
ClientSampled :
133

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	30.0	26.1	39.1

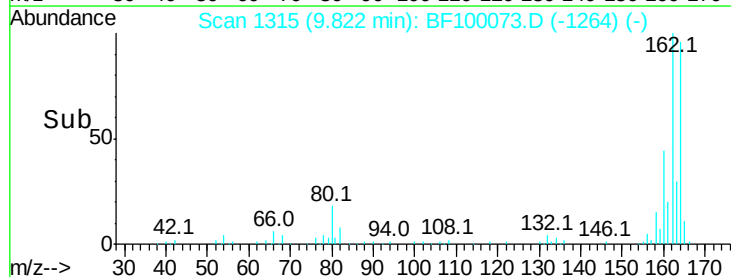
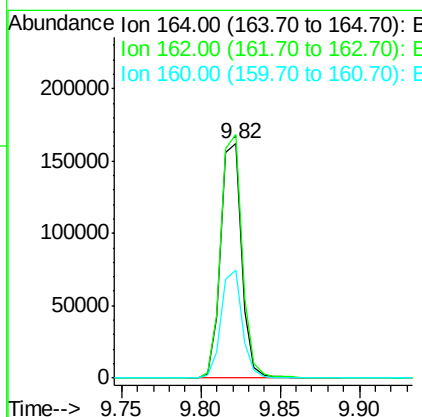
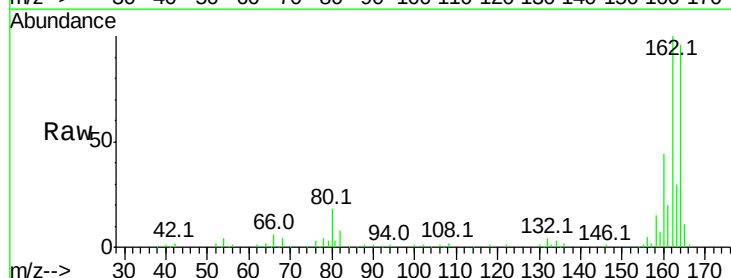
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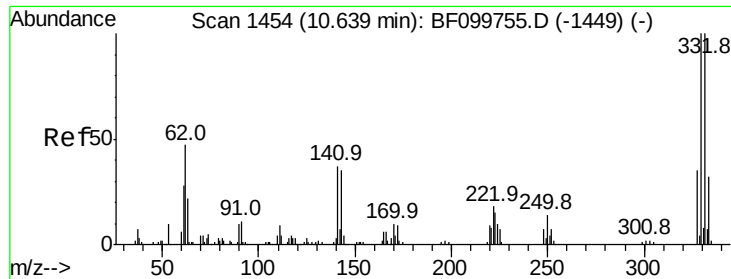
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF100073.D
Acq: 2 Nov 2017 4:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.8	38.3	57.5





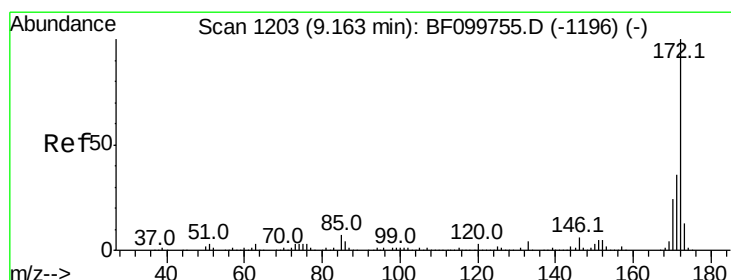
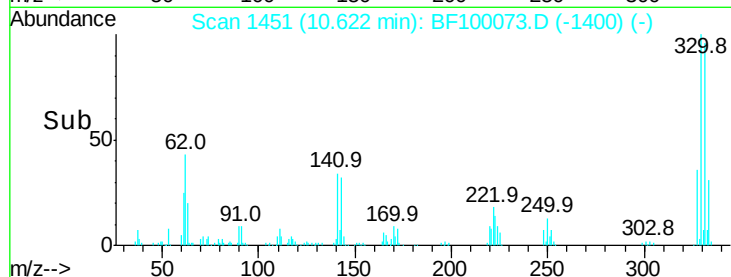
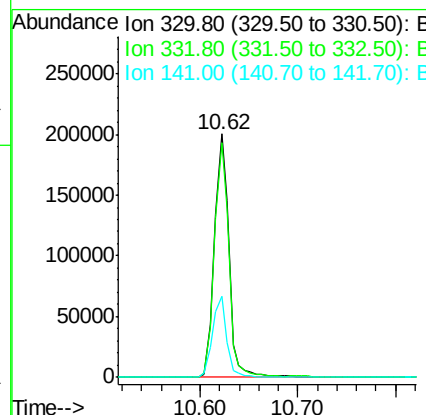
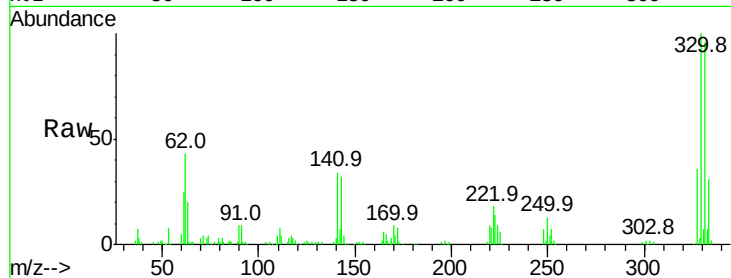
#41
 2,4,6-Tribromophenol
 Concen: 153.085 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Instrument :
 BNA_F
 ClientSampled :
 133

Tot Ion	Ratio	Resp	Lower	Upper
330	100	208279		
332	95.4	77.0	115.6	
141	33.0	29.9	44.9	

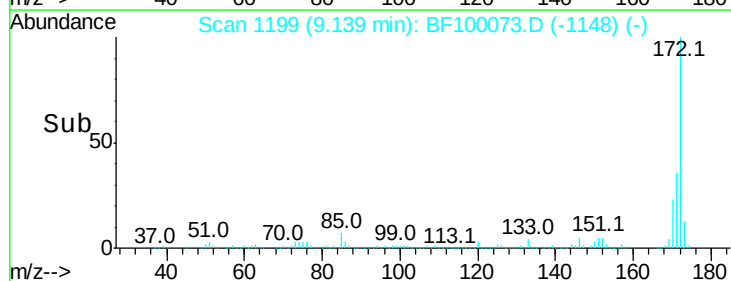
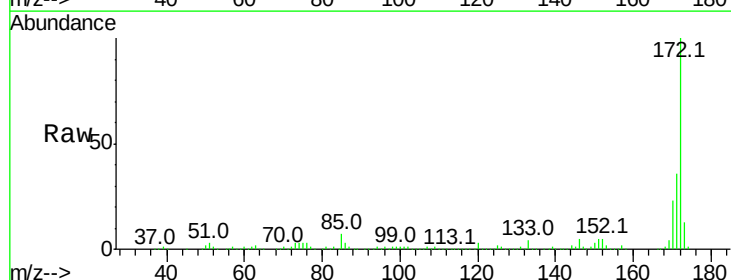
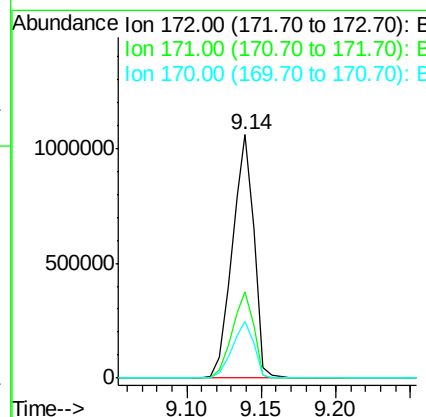
Manual Integrations
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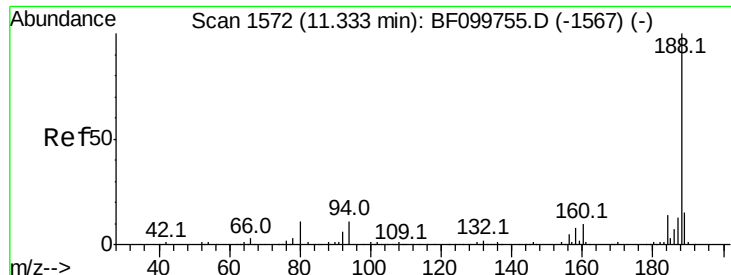
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 11/2/2017 4:30:12 PM



#44
 2-Fluorobiphenyl
 Concen: 112.522 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1088832		
171	35.7	29.7	44.5	
170	23.3	19.6	29.4	





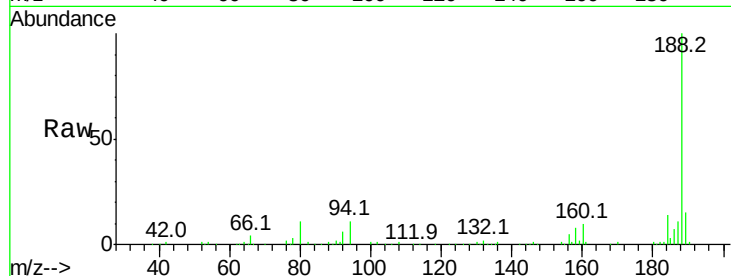
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100073.D
Acq: 2 Nov 2017 4:51

Instrument :
BNA_F
ClientSampled :
133

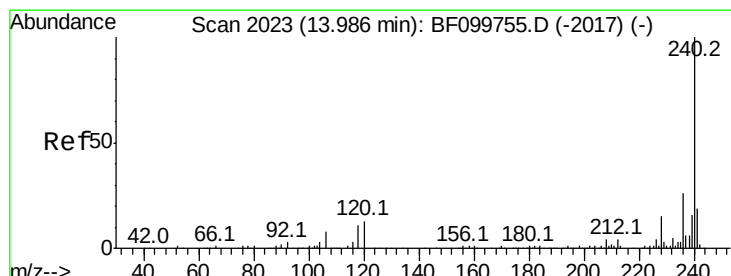
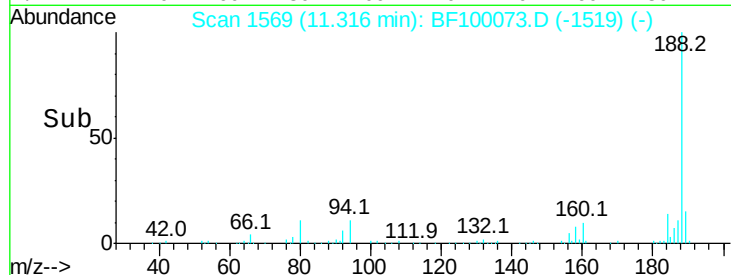
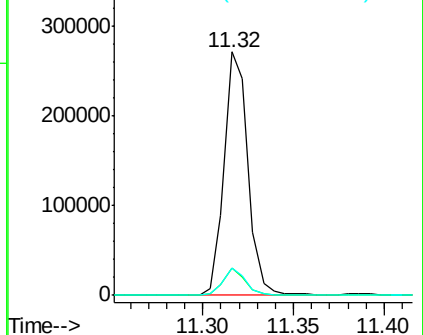
Tot Ion	Ratio	Resp	Lower	Upper
188	100	248728		
94	11.0		8.5	12.7
80	11.4		9.2	13.8

Manual Integrations
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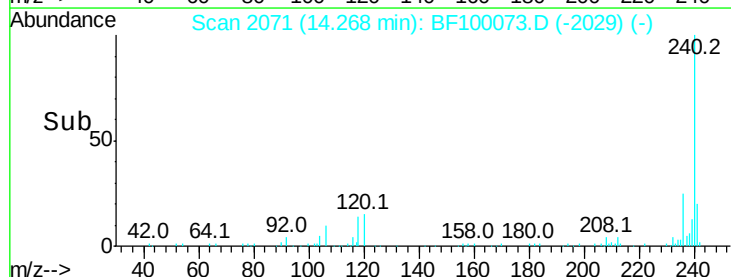
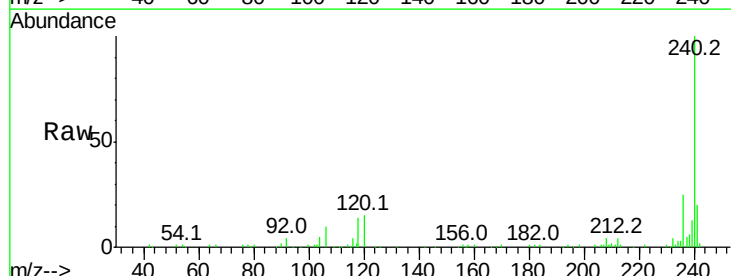
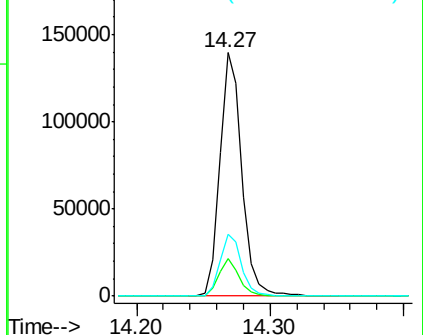
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

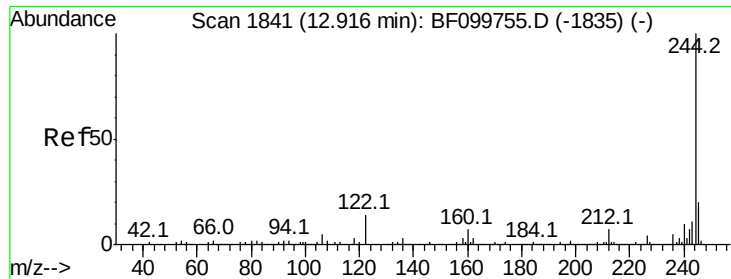


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.27 min Scan# 2071
Delta R.T. -0.05 min
Lab File: BF100073.D
Acq: 2 Nov 2017 4:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	161788		
120	15.2		9.5	14.3#
236	25.2		20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





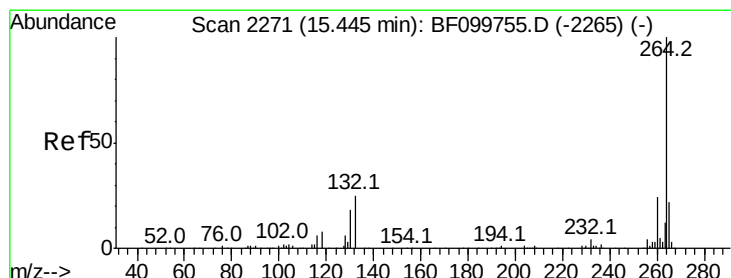
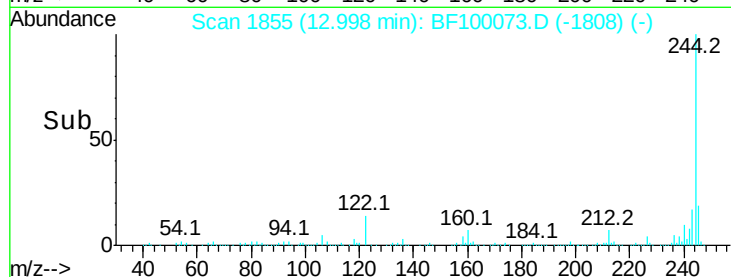
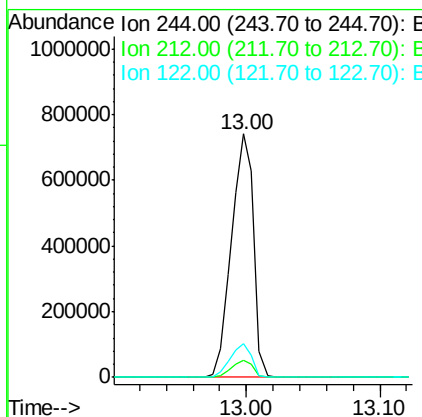
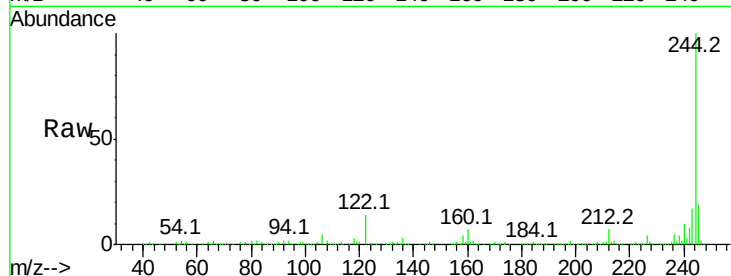
#78
 Terphenyl-d14
 Concen: 116.195 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Instrument :
 BNA_F
 ClientSampled :
 133

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.8	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 16.12 min Scan# 2386
 Delta R.T. -0.09 min
 Lab File: BF100073.D
 Acq: 2 Nov 2017 4:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.2	17.5	26.3

