

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099360.D
 Acq On : 11 Oct 2017 22:33
 Operator : SJ/JU
 Sample : I5766-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-FRACTANK

Manual Integrations
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 10/13/2017 12:07:21 PM

Quant Time: Oct 12 01:53:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94118	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	358521	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	147285	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	191534	20.00	ng	0.00
75) Chrysene-d12	14.03	240	167595	20.00	ng	0.01
86) Perylene-d12	15.50	264	198574	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	368541	62.33	ng	0.00
7) Phenol-d6	6.50	99	241987	33.18	ng	0.01
23) Nitrobenzene-d5	7.42	82	572788	102.46	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	135860	112.73	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	991348	112.37	ng	0.00
78) Terphenyl-d14	12.97	244	579012	78.57	ng	0.01
Target Compounds						
9) Benzaldehyde	6.41	77	21289	5.032	ng	87
10) Phenol	6.51	94	46072	5.648	ng	97
15) Benzyl Alcohol	7.01	79	259521	48.504	ng	99
22) Acetophenone	7.26	105	72258	8.319	ng	97
31) Naphthalene	8.16	128	161648	9.600	ng	99
37) 2-Methylnaphthalene	8.85	142	41034	3.749	ng	97
51) Acenaphthene	9.92	154	28986m	3.145	ng	
70) Phenanthrene	11.40	178	108388	10.572	ng	99
72) Carbazole	11.62	167	201280	19.594	ng	98
74) Fluoranthene	12.60	202	27045	2.605	ng	74

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

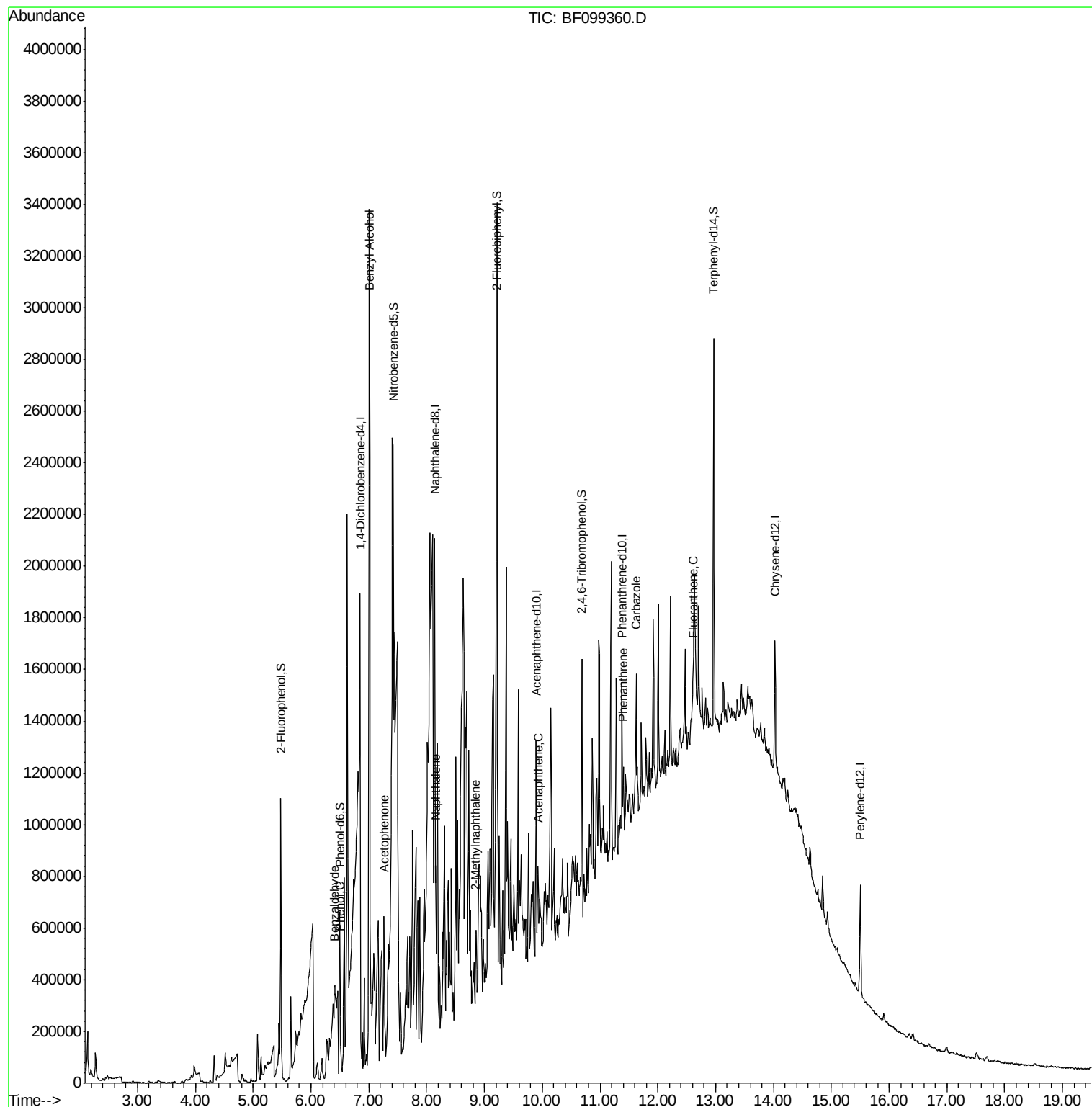
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099360.D
Acq On : 11 Oct 2017 22:33
Operator : SJ/JU
Sample : I5766-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

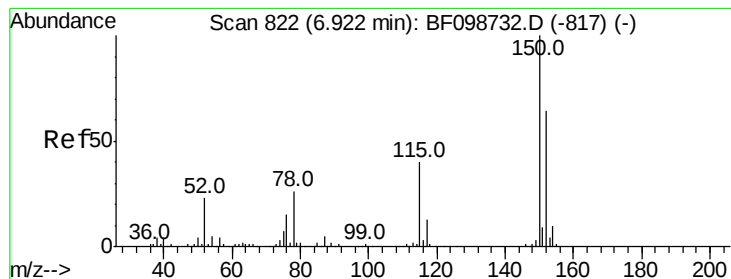
Instrument :
BNA_F
ClientSampleId :
RS-FRACTANK

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Quant Time: Oct 12 01:53:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

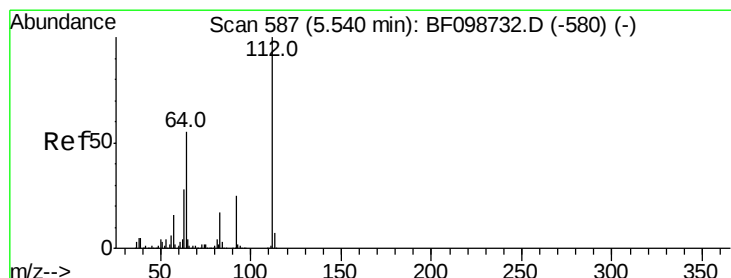
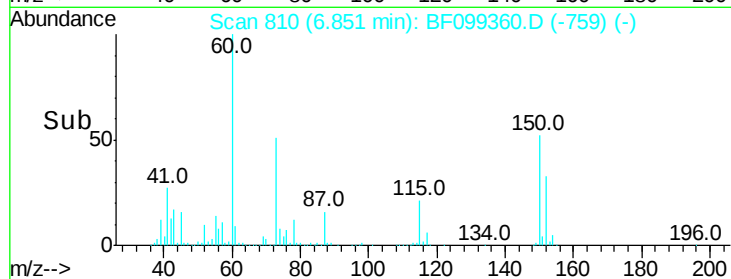
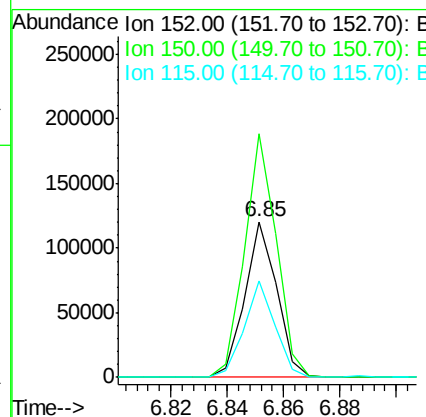
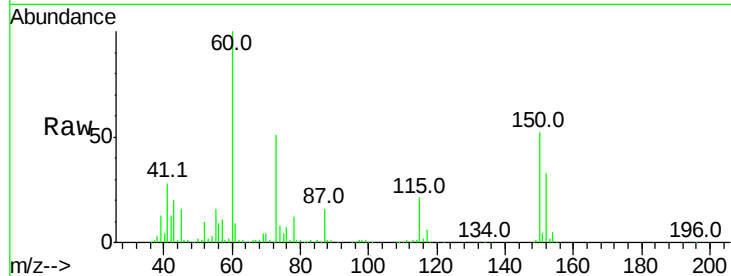
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Instrument :
BNA_F
ClientSampleId :
RS-FRACTANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	62.2	50.1	75.1

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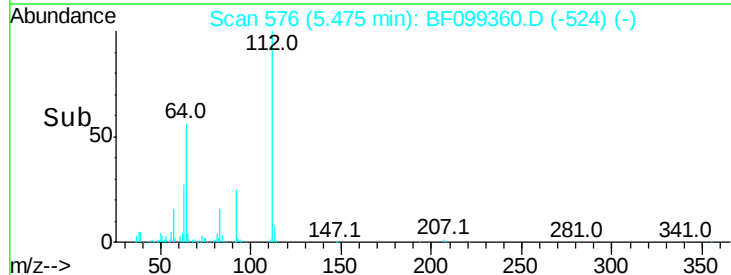
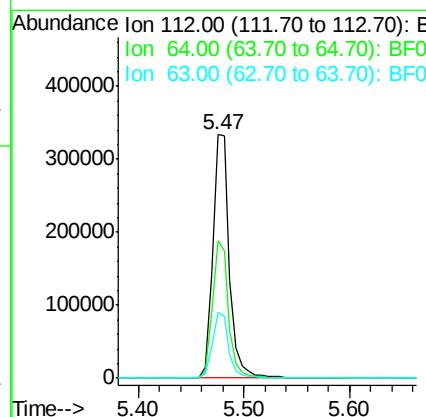
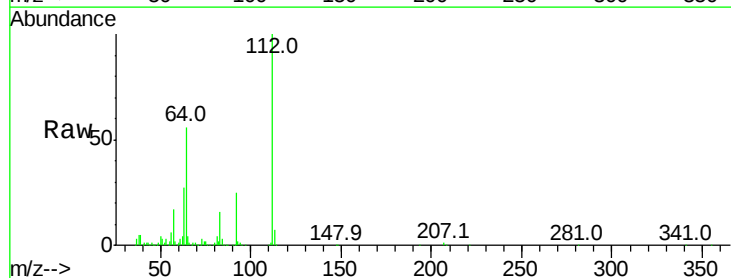
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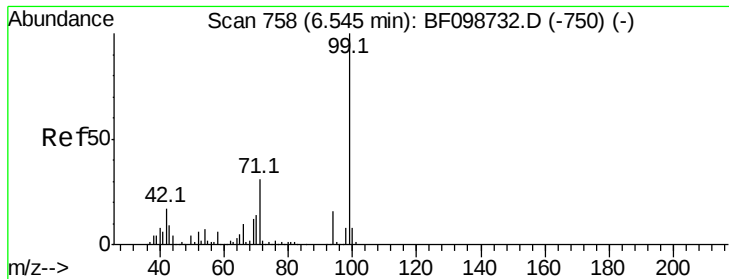


#5

2-Fluorophenol
Concen: 62.335 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	26.9	23.7	35.5





#7

Phenol-d6

Concen: 33.178 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

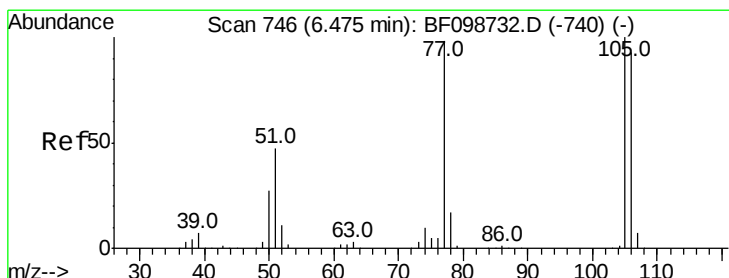
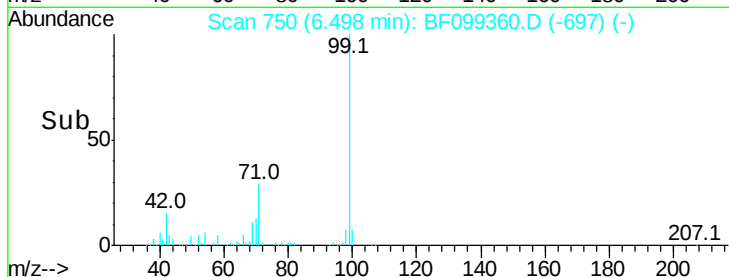
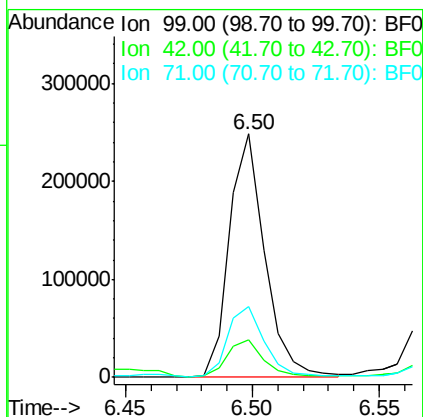
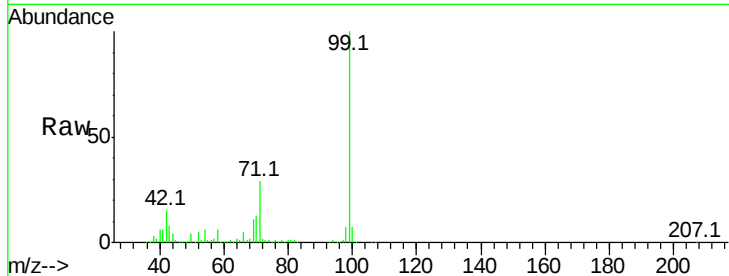
ClientSampleId :

RS-FRACTANK

Tot Ion:	99	Resp:	241987
Ion Ratio	Lower	Upper	
99	100		
42	15.4	14.5	21.7
71	29.2	25.4	38.0

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#9

Benzaldehyde

Concen: 5.032 ng

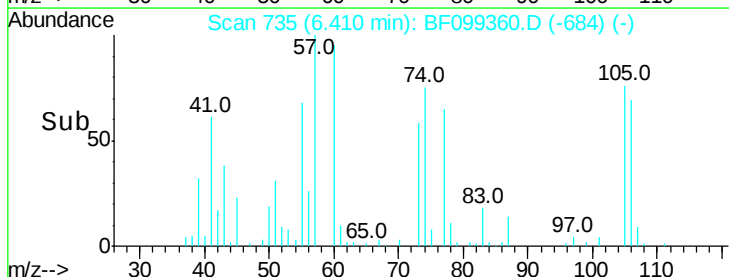
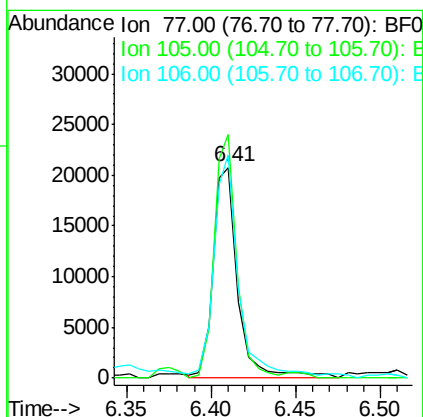
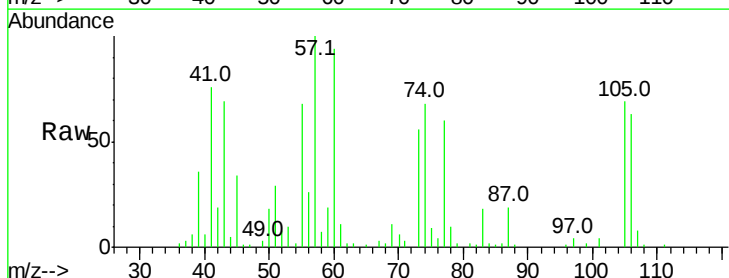
RT: 6.41 min Scan# 735

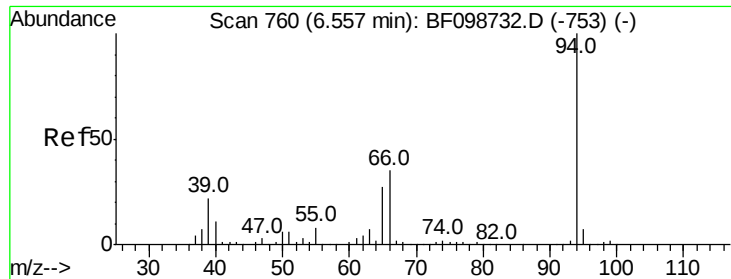
Delta R.T. 0.00 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Tgt Ion:	77	Resp:	21289
Ion Ratio	Lower	Upper	
77	100		
105	115.7	81.1	121.1
106	106.1	74.5	114.5





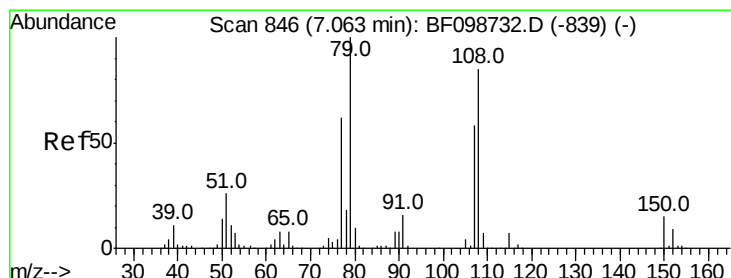
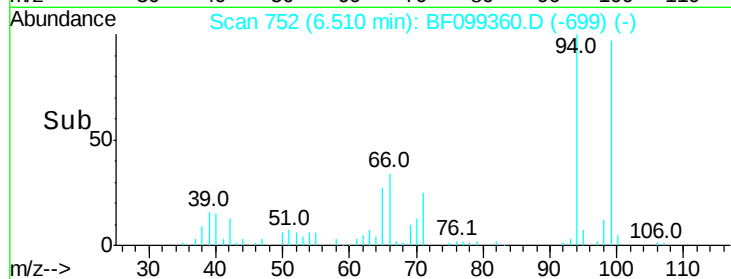
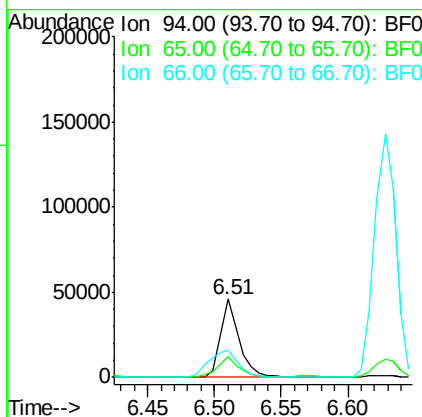
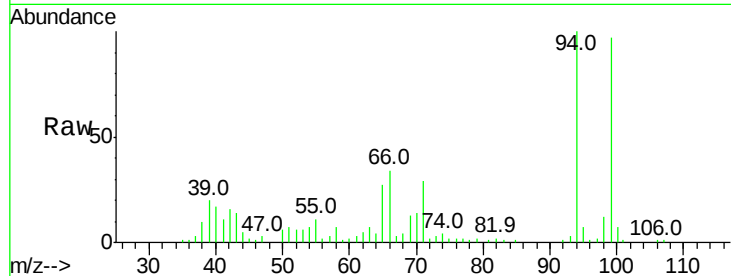
#10
Phenol
Concen: 5.648 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Instrument :
BNA_F
ClientSampleId :
RS-FRACTANK

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	34.1	16.2	56.2

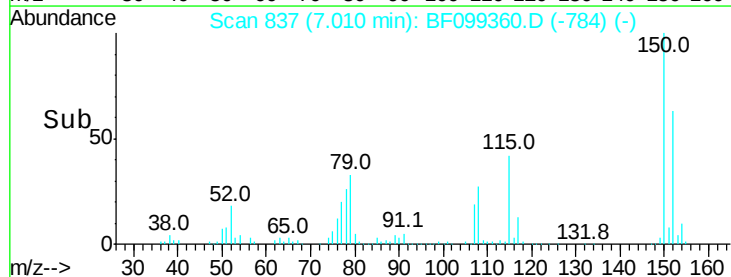
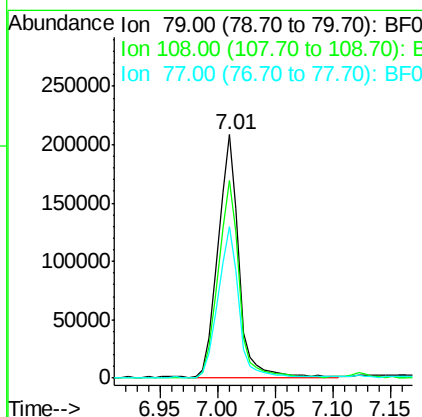
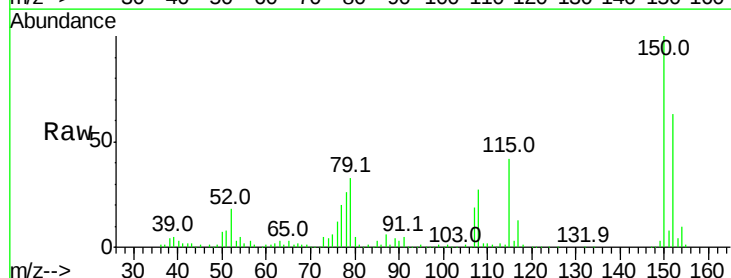
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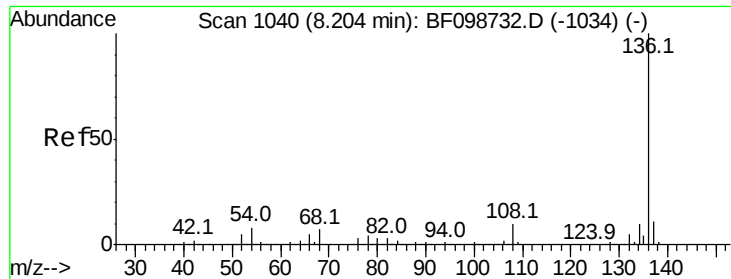
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#15
Benzyl Alcohol
Concen: 48.504 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.1	97.7
77	62.3	50.6	75.8





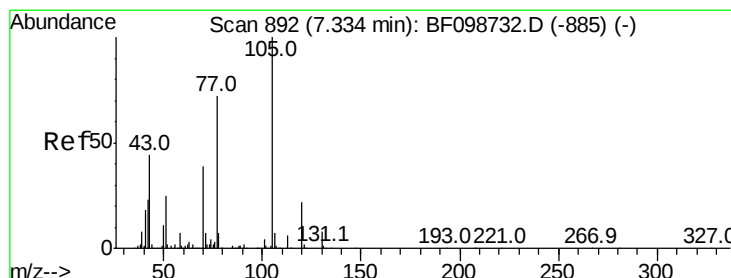
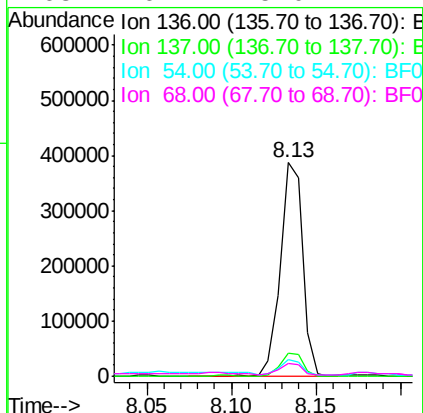
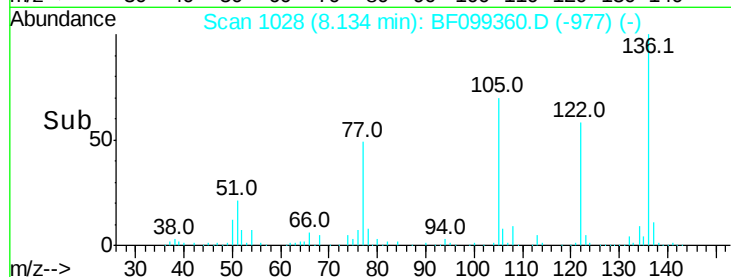
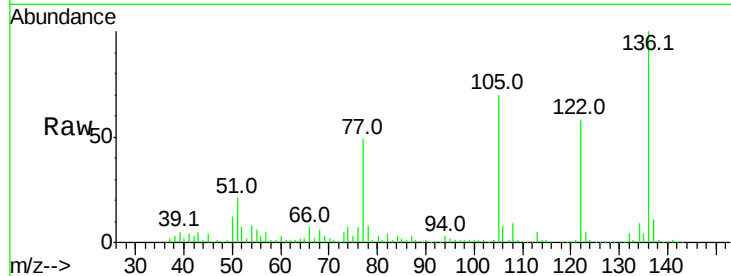
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Instrument :
BNA_F
ClientSampleId :
RS-FRACTANK

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.6	9.8
68	6.1	5.0	7.4

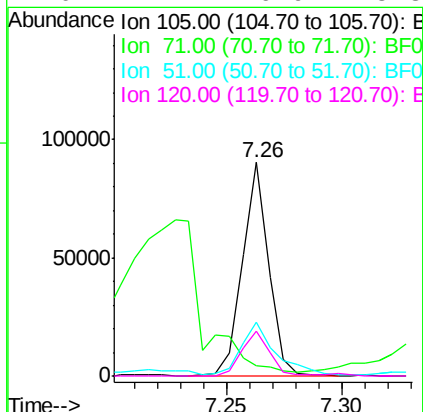
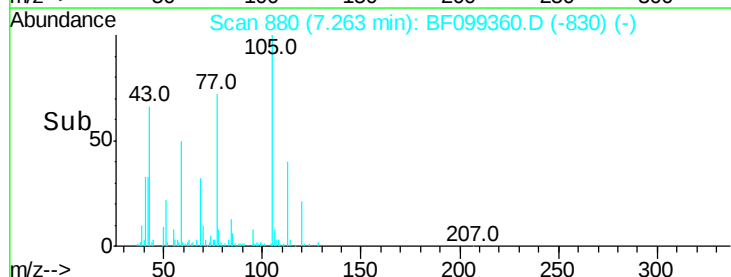
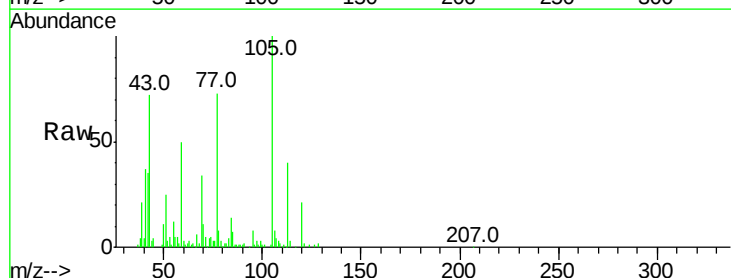
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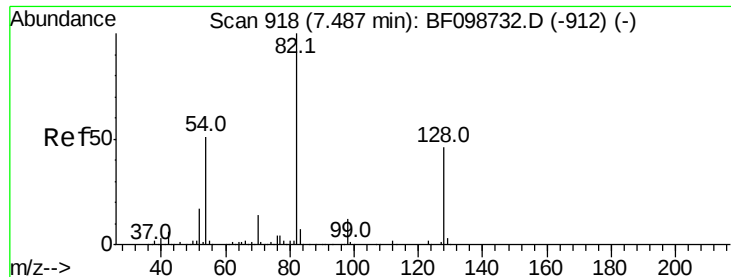
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#22
Acetophenone
Concen: 8.319 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.6	4.4	6.6
51	25.0	22.3	33.5
120	21.1	16.9	25.3





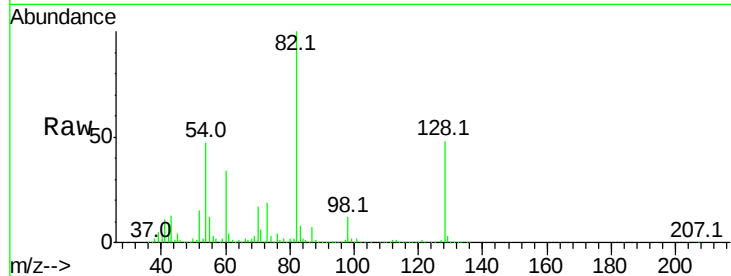
#23
Nitrobenzene-d5
Concen: 102.457 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Instrument :
BNA_F
ClientSampleId :
RS-FRACTANK

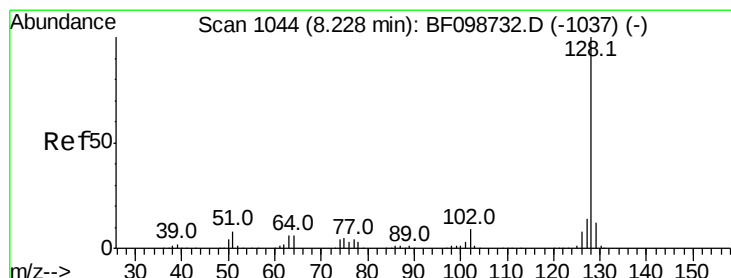
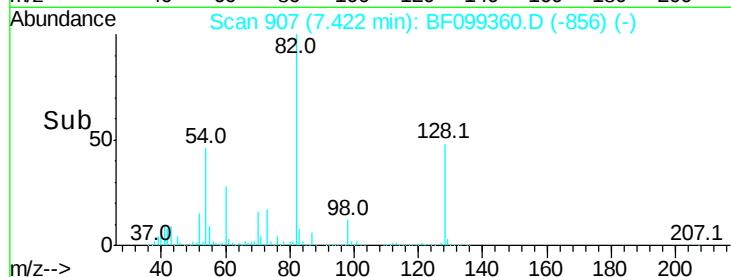
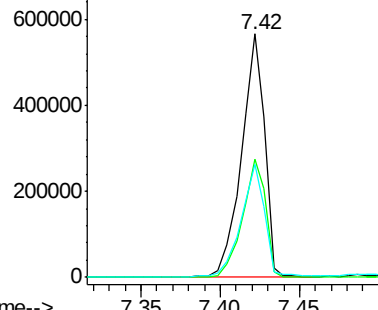
Tot Ion	Ratio	Resp	Lower	Upper
82	100	572788		
128	48.3	36.1	54.1	
54	46.6	41.4	62.2	

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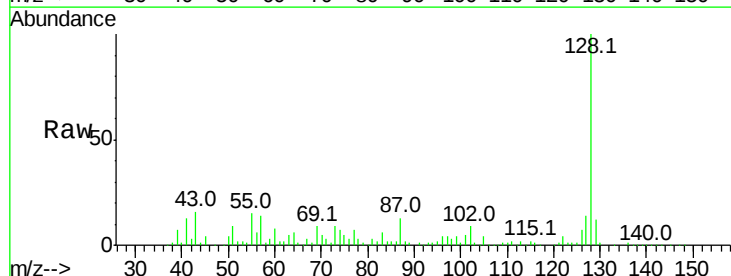


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

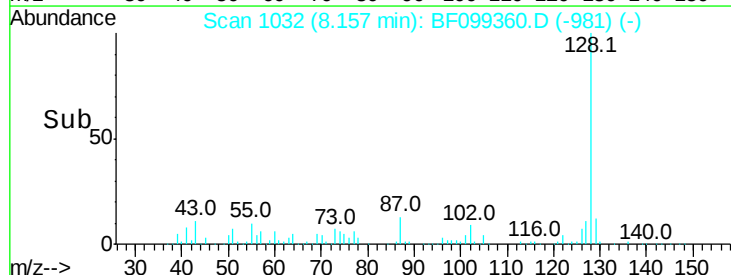
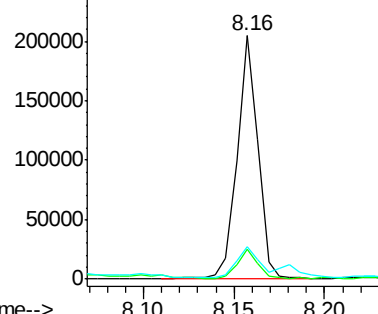


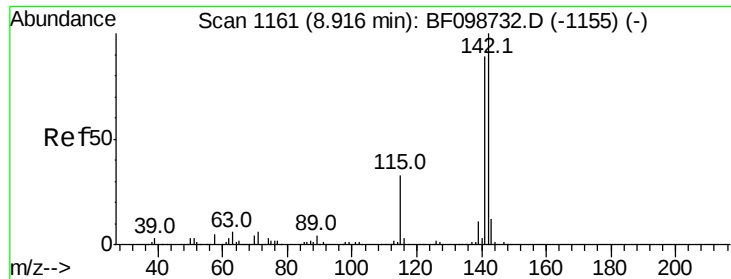
#31
Naphthalene
Concen: 9.600 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	161648		
129	12.1	8.8	13.2	
127	13.6	10.9	16.3	



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





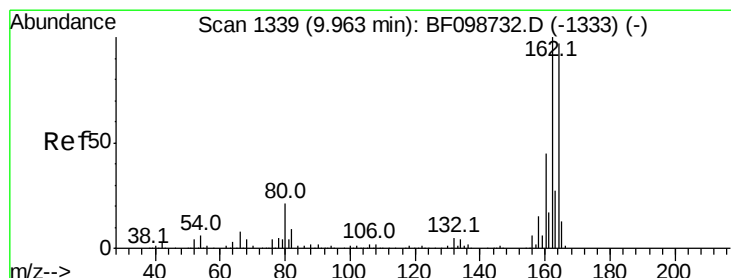
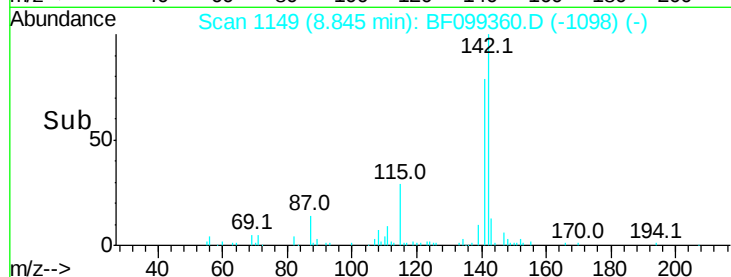
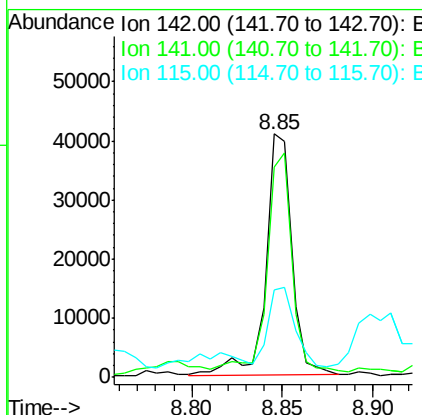
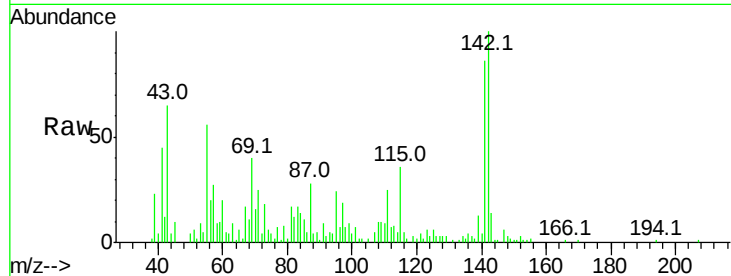
#37
 2-Methylnaphthalene
 Concen: 3.749 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF099360.D
 Acq: 11 Oct 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 RS-FRACTANK

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.8	106.2
115	35.9	26.1	39.1

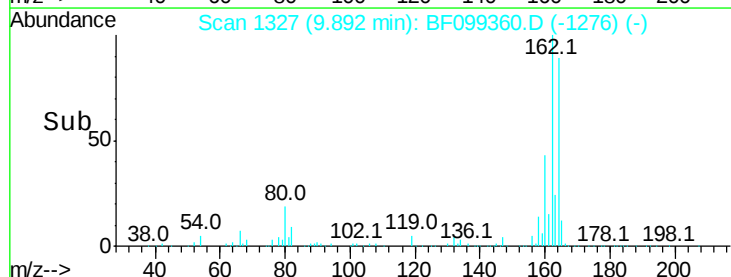
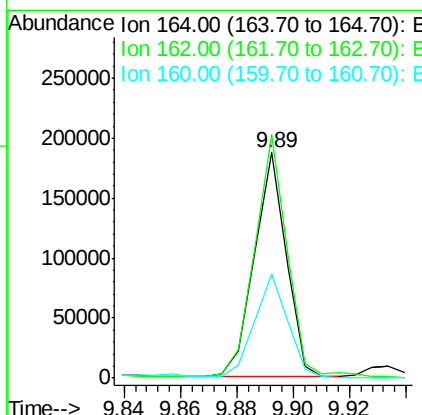
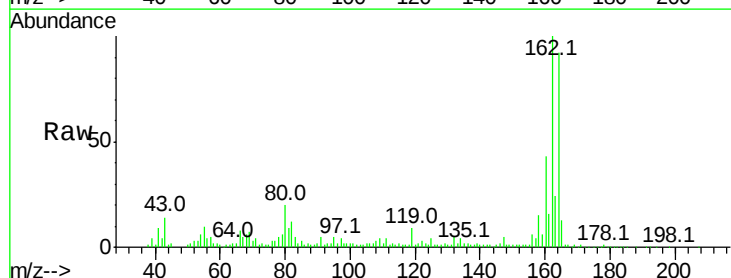
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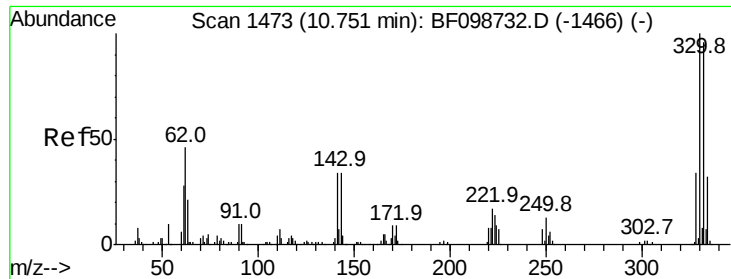
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099360.D
 Acq: 11 Oct 2017 22:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	86.1	129.1
160	46.4	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 112.729 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

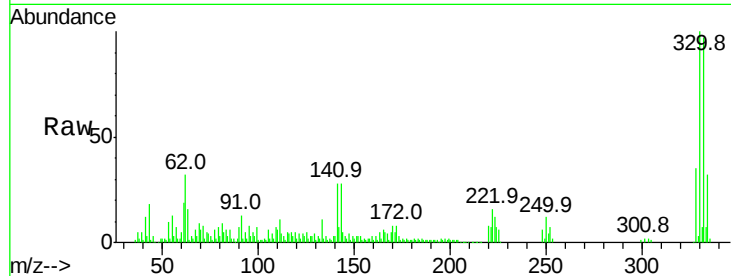
ClientSampleId :

RS-FRACTANK

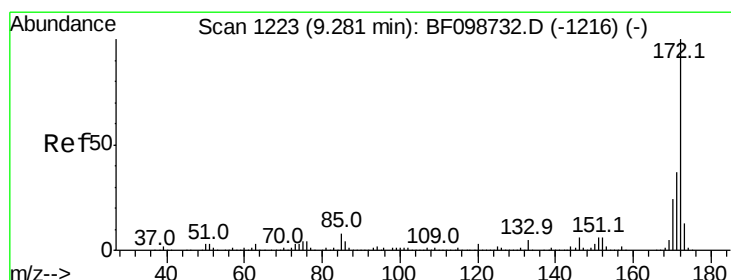
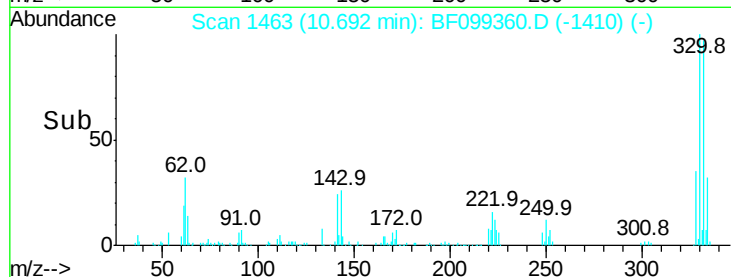
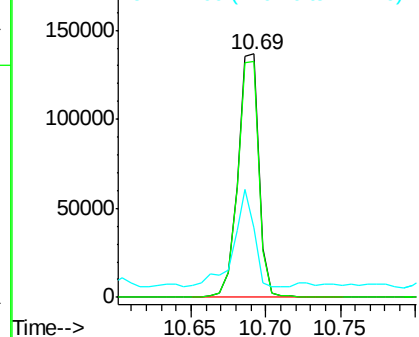
Tot Ion:	330	Resp:	135860
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	38.9	29.9	44.9

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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: 112.365 ng

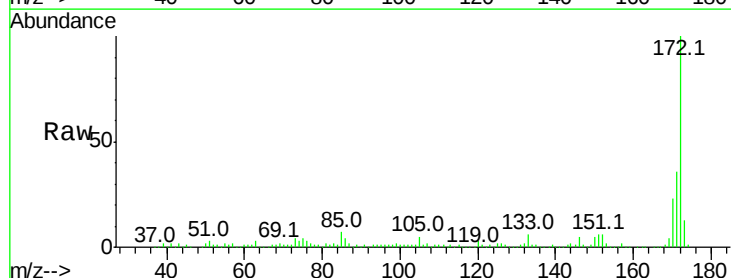
RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

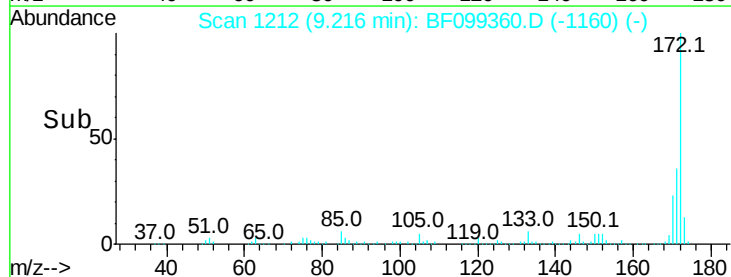
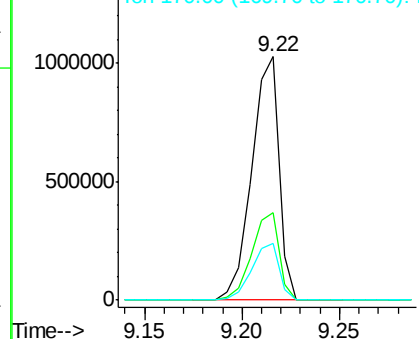
Lab File: BF099360.D

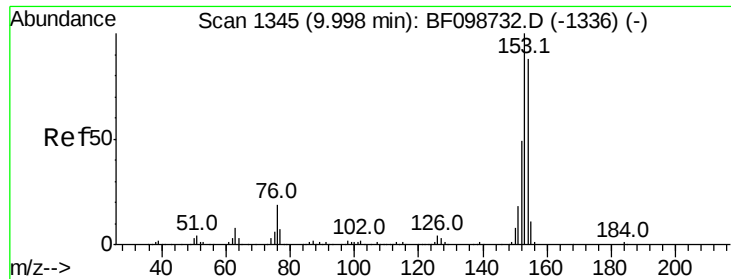
Acq: 11 Oct 2017 22:33

Tgt Ion:	172	Resp:	991348
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	23.5	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





#51

Acenaphthene

Concen: 3.145 ng/mL

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

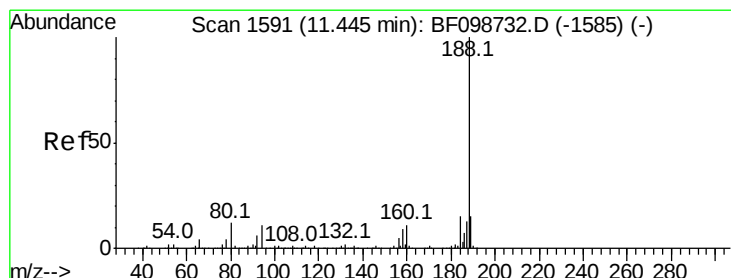
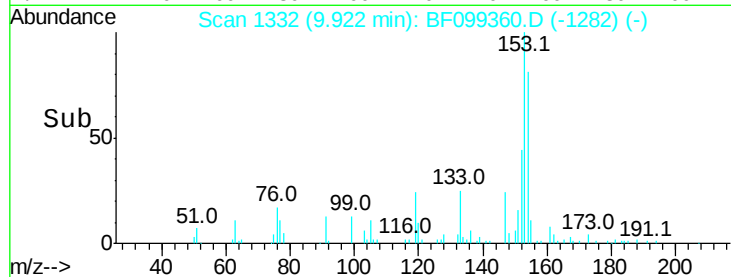
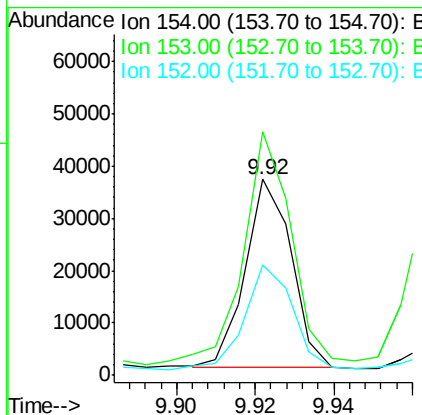
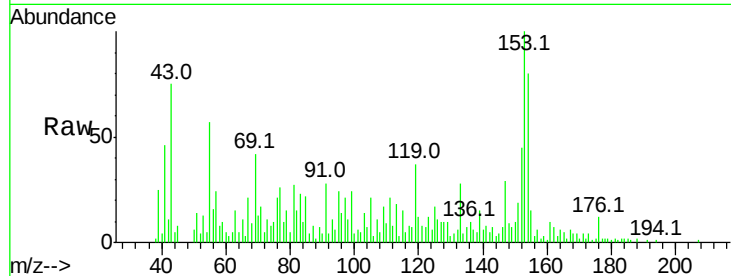
ClientSampleId :

RS-FRACTANK

Tot Ion:	154	Resp:	28986
Ion Ratio	Lower	Upper	
154	100		
153	124.4	91.2	136.8
152	56.4	43.8	65.8

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#63

Phenanthrene-d10

Concen: 20.000 ng

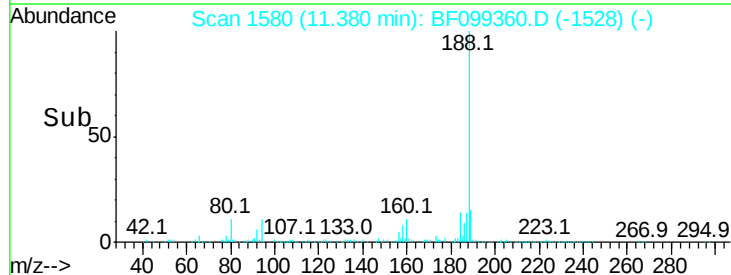
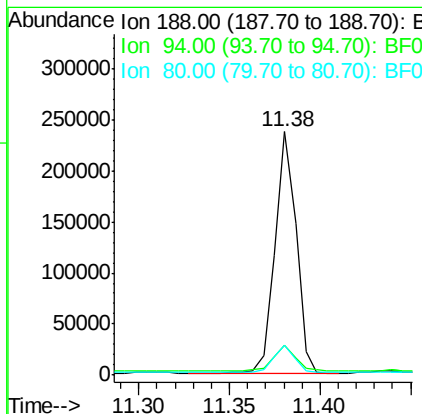
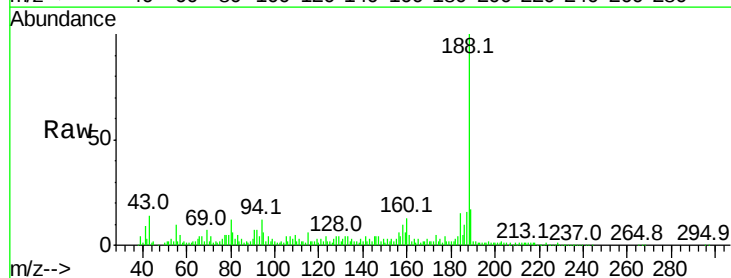
RT: 11.38 min Scan# 1580

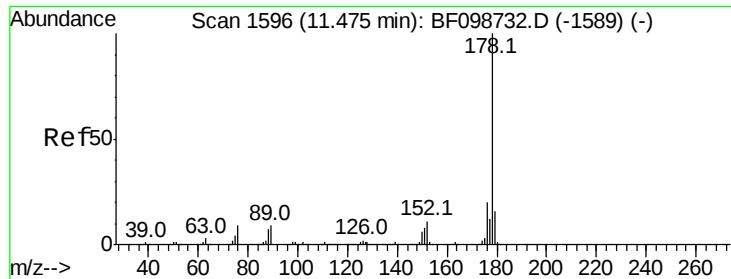
Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Tgt Ion:	188	Resp:	191534
Ion Ratio	Lower	Upper	
188	100		
94	12.0	8.5	12.7
80	12.3	9.2	13.8





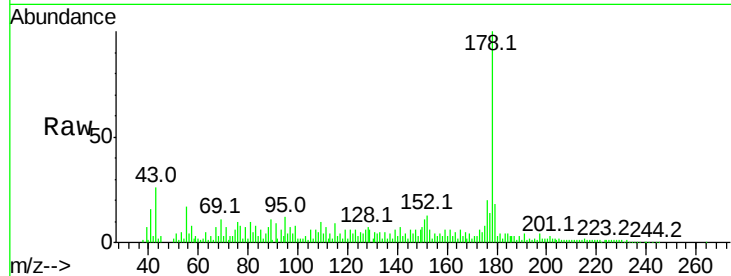
#70
Phenanthrene
Concen: 10.572 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Instrument :
BNA_F
ClientSampleId :
RS-FRACTANK

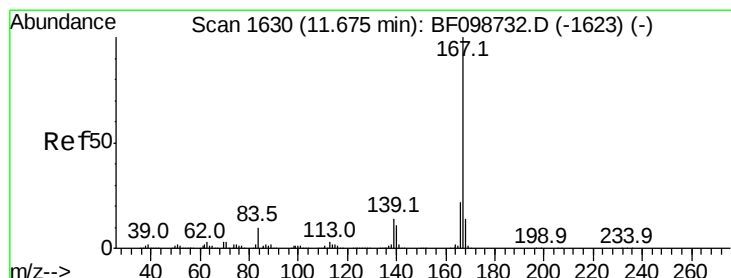
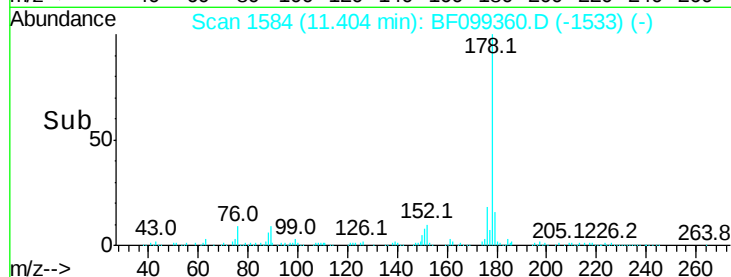
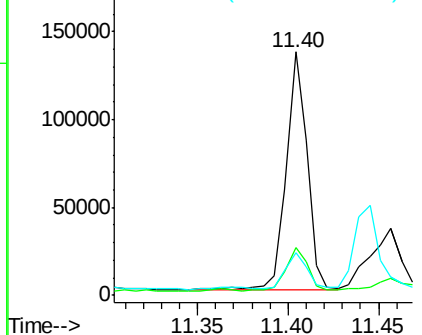
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	17.6	13.0	19.6

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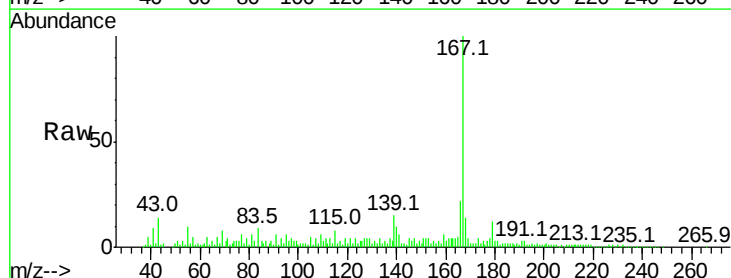


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

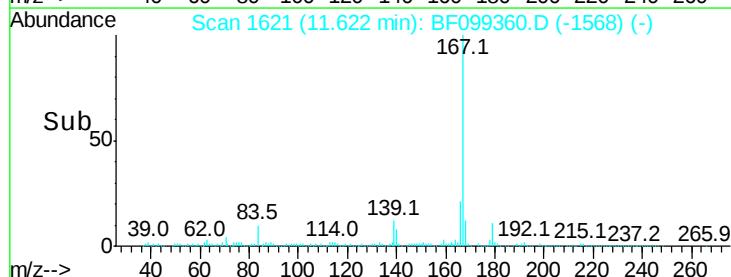
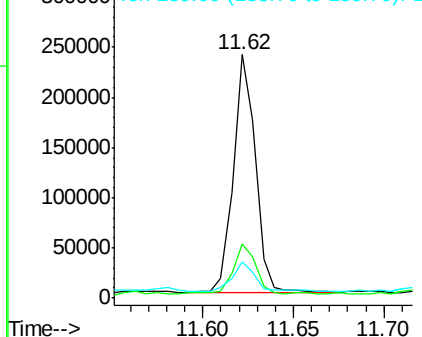


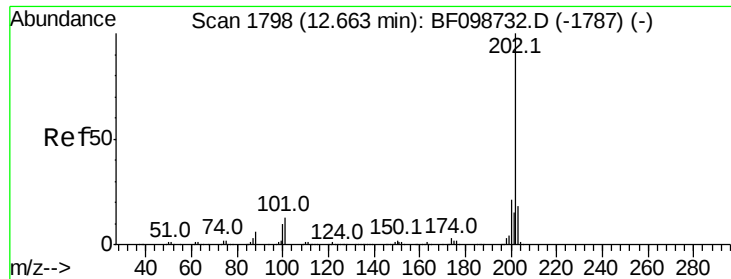
#72
Carbazole
Concen: 19.594 ng
RT: 11.62 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF099360.D
Acq: 11 Oct 2017 22:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.9	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 2.605 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Instrument :

BNA_F

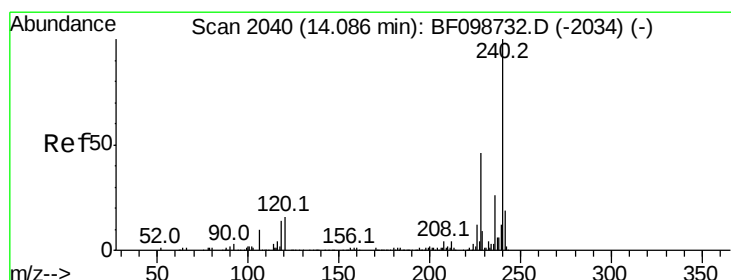
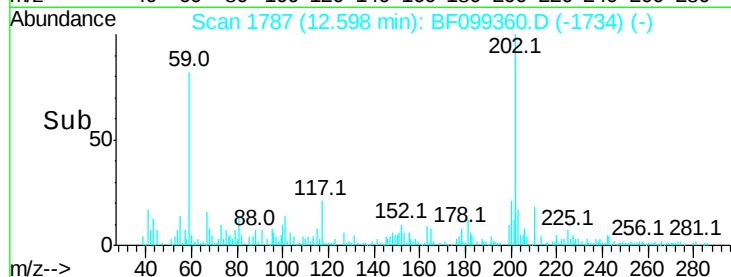
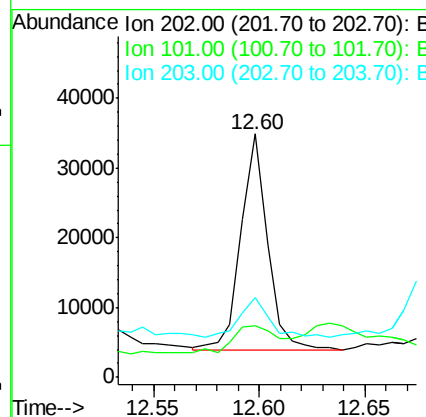
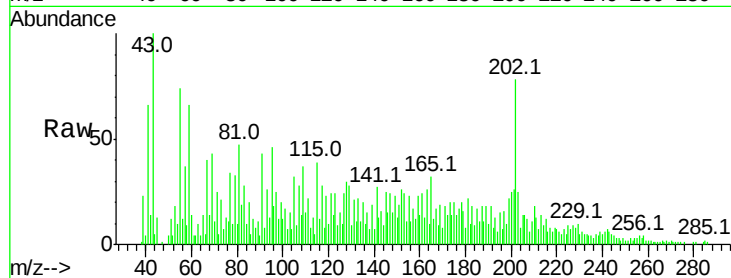
ClientSampleId :

RS-FRACTANK

Tot Ion:	202	Resp:	27045
Ion Ratio	Lower	Upper	
202	100		
101	21.4	0.0	34.1
203	32.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

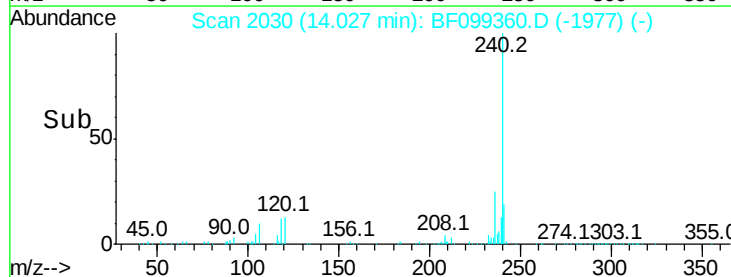
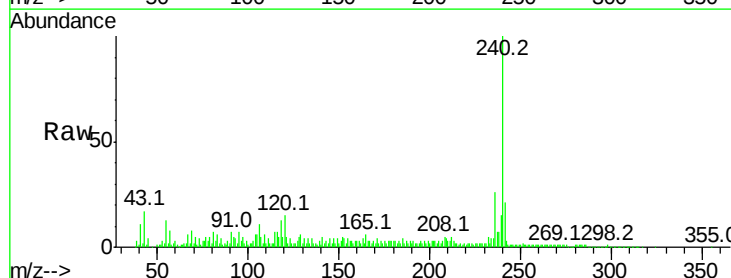
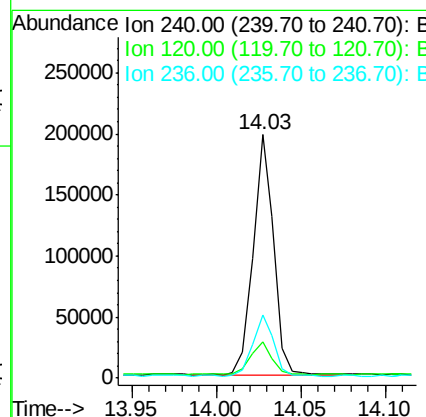
RT: 14.03 min Scan# 2030

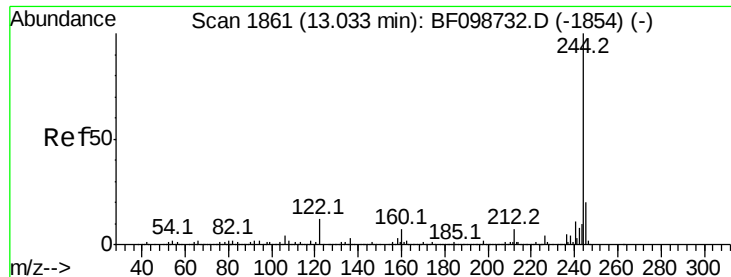
Delta R.T. 0.01 min

Lab File: BF099360.D

Acq: 11 Oct 2017 22:33

Tgt Ion:	240	Resp:	167595
Ion Ratio	Lower	Upper	
240	100		
120	15.0	9.5	14.3#
236	26.1	20.7	31.1





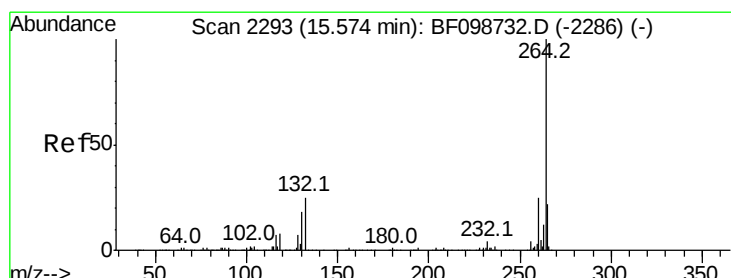
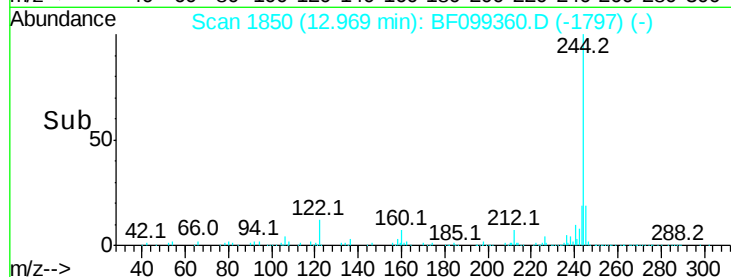
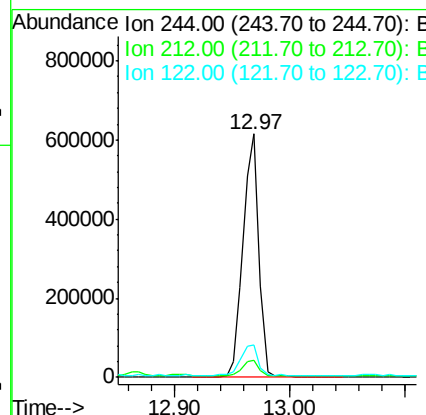
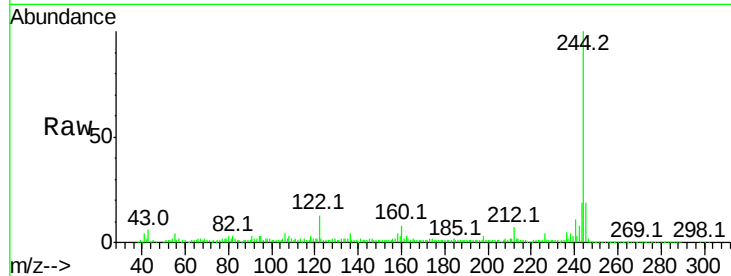
#78
 Terphenyl-d14
 Concen: 78.570 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF099360.D
 Acq: 11 Oct 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 RS-FRACTANK

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	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: 15.50 min Scan# 2281
 Delta R.T. 0.02 min
 Lab File: BF099360.D
 Acq: 11 Oct 2017 22:33

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

