

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100000.D
 Acq On : 31 Oct 2017 14:07
 Operator : SJ/JU
 Sample : I6169-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-102617

Manual Integrations
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Quant Time: Oct 31 16:58:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92514	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	383786	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	190090	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	362723	20.00	ng	0.00
75) Chrysene-d12	13.99	240	291474	20.00	ng	0.00
86) Perylene-d12	15.49	264	241563	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	777772	131.99	ng	0.03
7) Phenol-d6	6.44	99	839360	120.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	602297	101.04	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	269296	155.45	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1258976	102.18	ng	0.00
78) Terphenyl-d14	12.92	244	1174083	88.03	ng	0.01
Target Compounds						
31) Naphthalene	8.09	128	235841	12.731	ng	98
37) 2-Methylnaphthalene	8.78	142	45588	3.672	ng	96
51) Acenaphthene	9.86	154	28027	2.385	ng	98
54) Dibenzofuran	10.03	168	36087	2.175	ng	97
57) Fluorene	10.37	166	29998	2.184	ng	98
59) Diethylphthalate	10.24	149	32936	2.240	ng	99
70) Phenanthrene	11.34	178	62606	3.058	ng	98
72) Carbazole	11.56	167	57714	2.954	ng	97

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

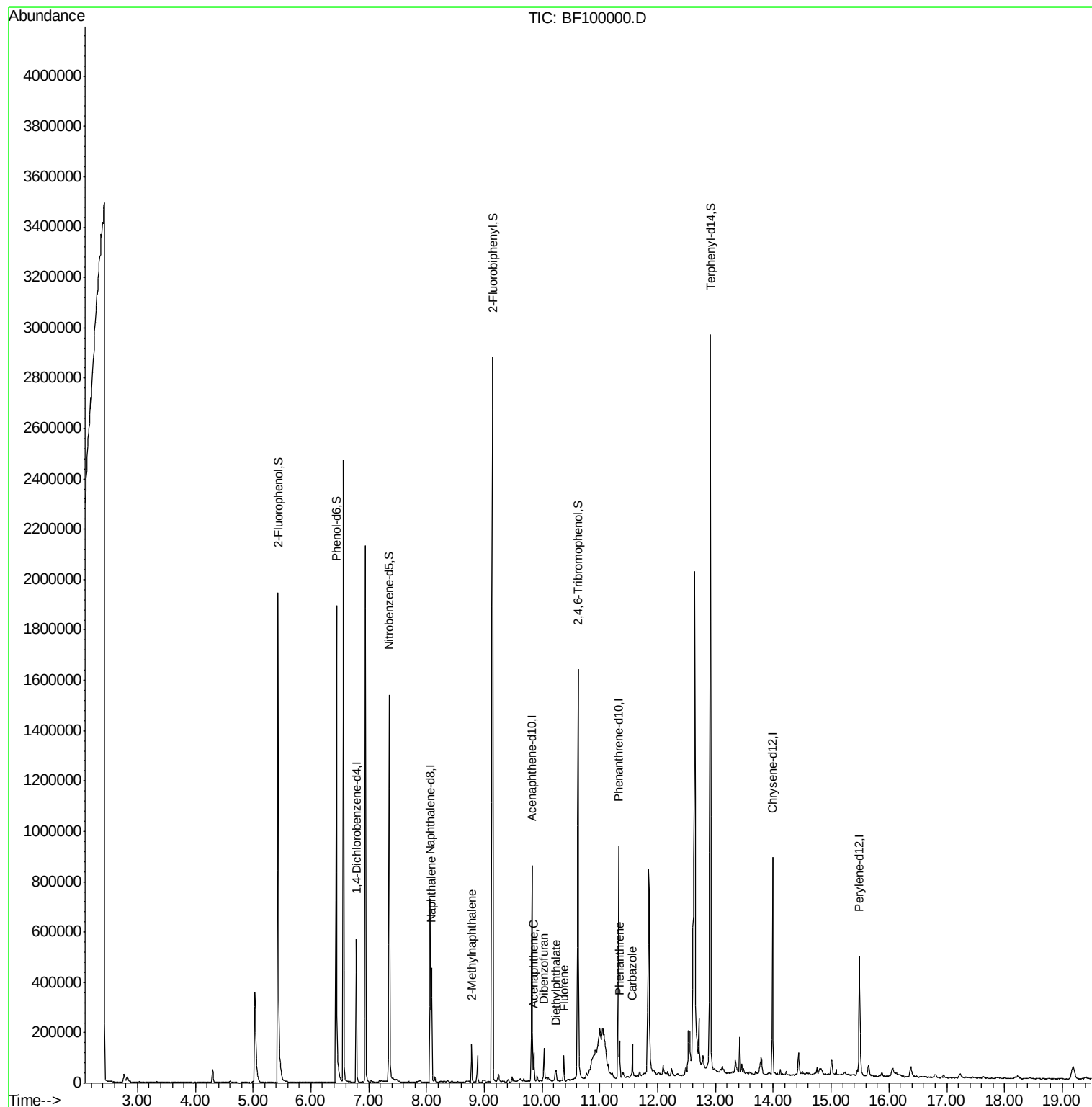
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100000.D
Acq On : 31 Oct 2017 14:07
Operator : SJ/JU
Sample : I6169-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

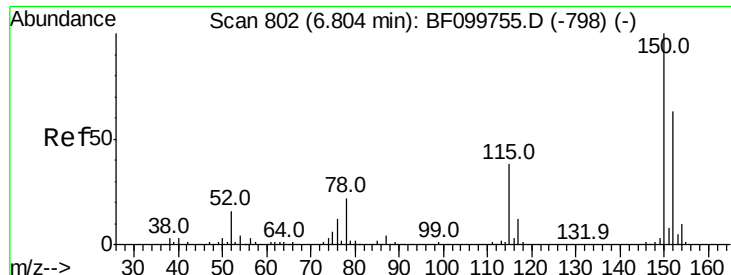
Instrument :
BNA_F
ClientSampleId :
SU-04-102617

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Quant Time: Oct 31 16:58:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration





#1

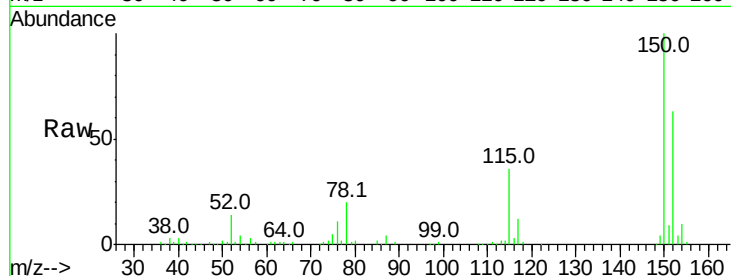
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100000.D
Acq: 31 Oct 2017 14:07

Instrument :
BNA_F
ClientSampleId :
SU-04-102617

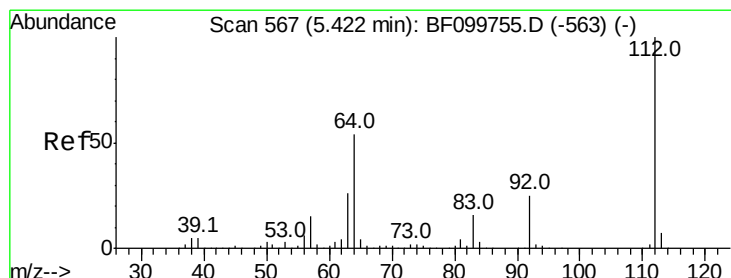
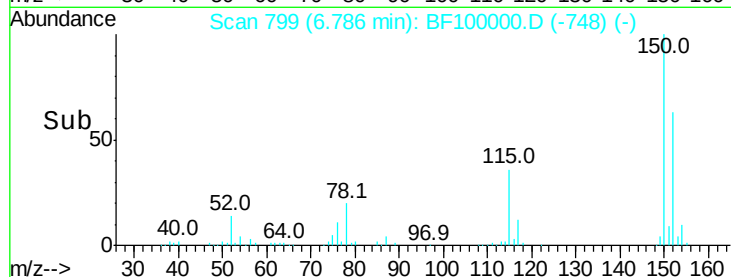
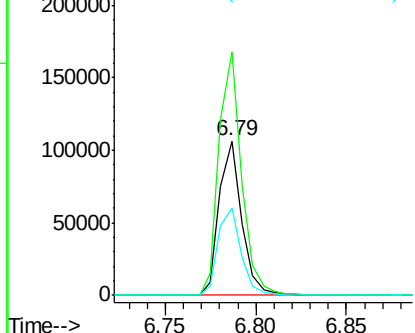
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	57.1	50.1	75.1

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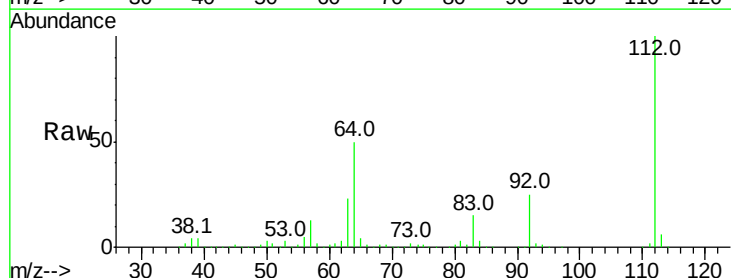
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



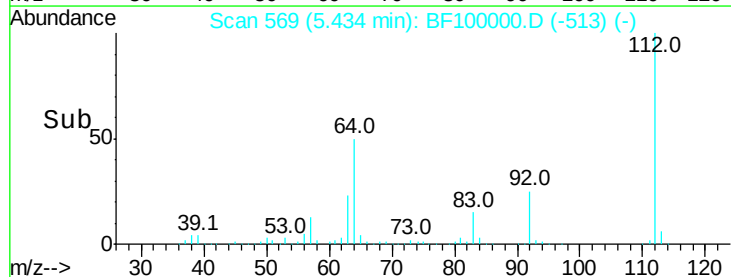
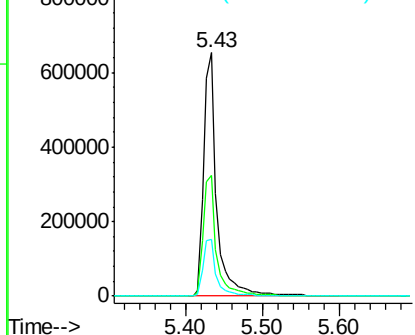
#5

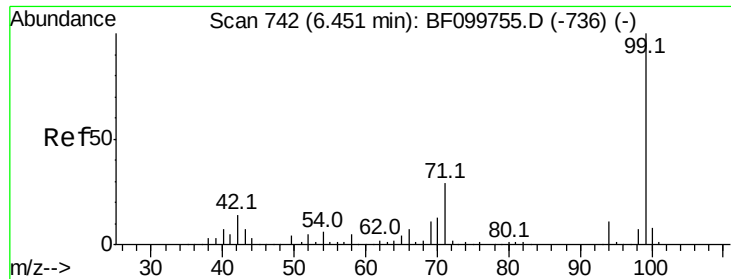
2-Fluorophenol
Concen: 131.988 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.03 min
Lab File: BF100000.D
Acq: 31 Oct 2017 14:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.7	47.9	71.9
63	23.1	23.7	35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.129 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100000.D

Acq: 31 Oct 2017 14:07

Instrument :

BNA_F

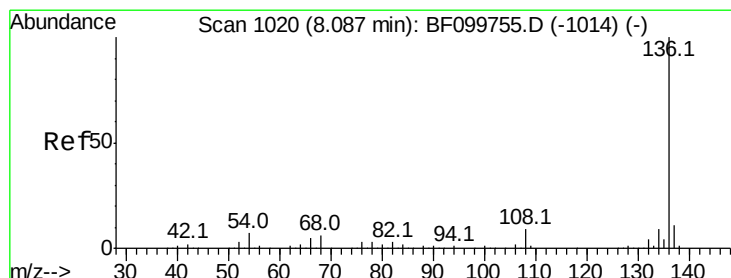
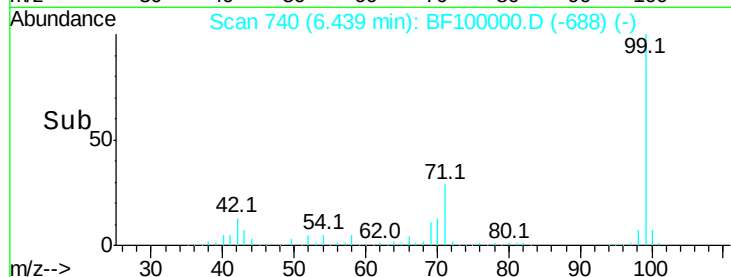
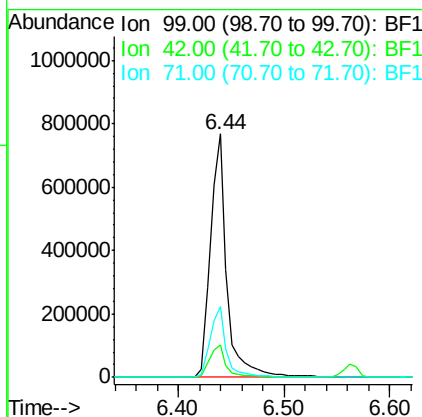
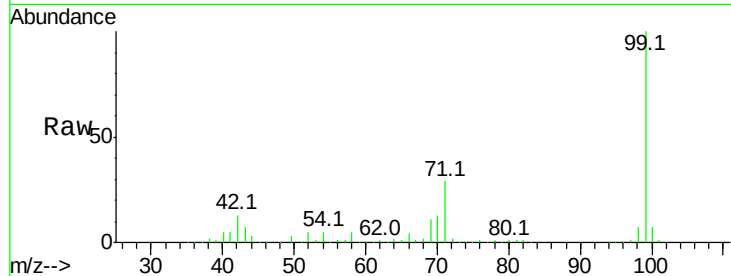
ClientSampled :

SU-04-102617

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		839360		
42	13.3	14.5	21.7#		
71	29.2	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

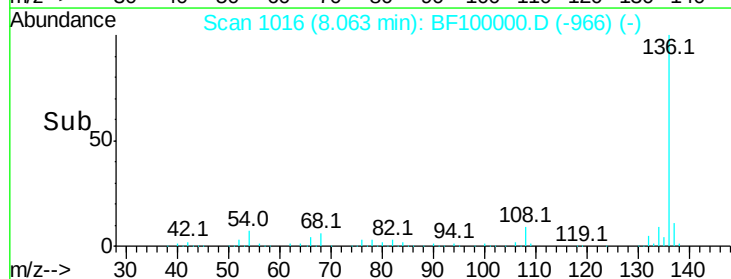
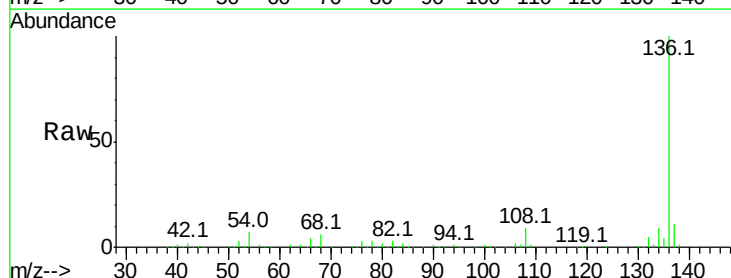
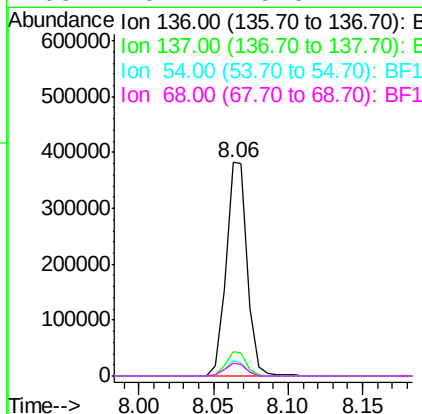
RT: 8.06 min Scan# 1016

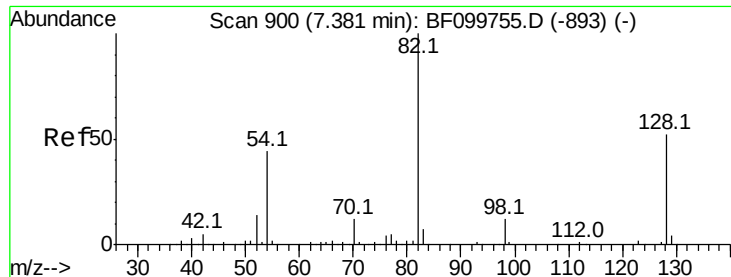
Delta R.T. -0.01 min

Lab File: BF100000.D

Acq: 31 Oct 2017 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		383786		
137	11.4	8.9	13.3		
54	7.1	6.6	9.8		
68	6.1	5.0	7.4		





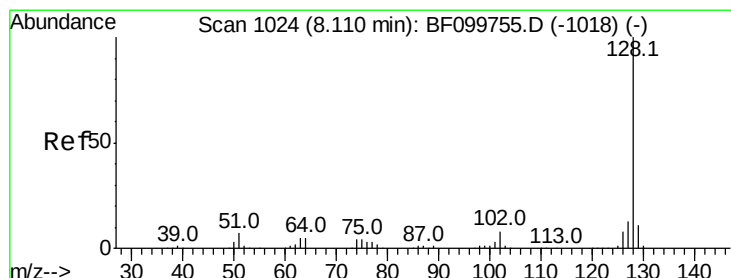
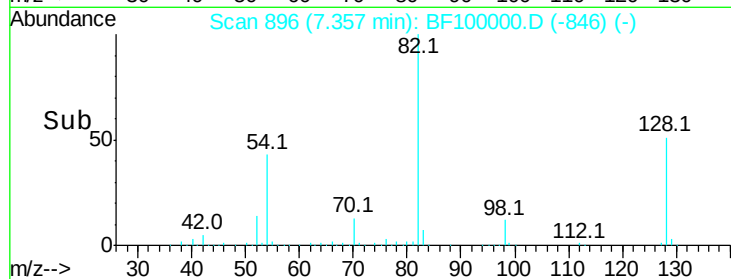
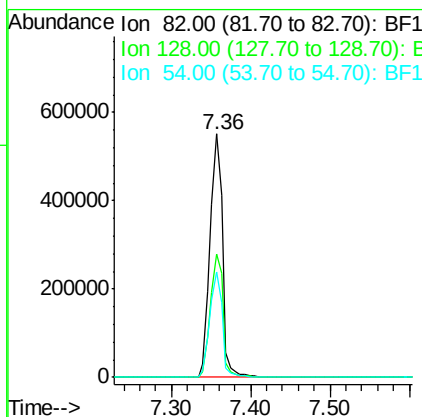
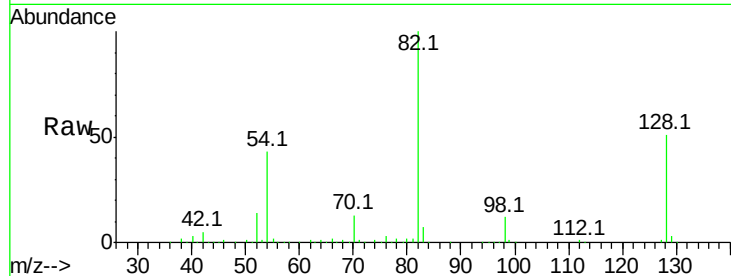
#23
 Nitrobenzene-d5
 Concen: 101.036 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100000.D
 Acq: 31 Oct 2017 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-102617

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.1	54.1
54	43.4	41.4	62.2

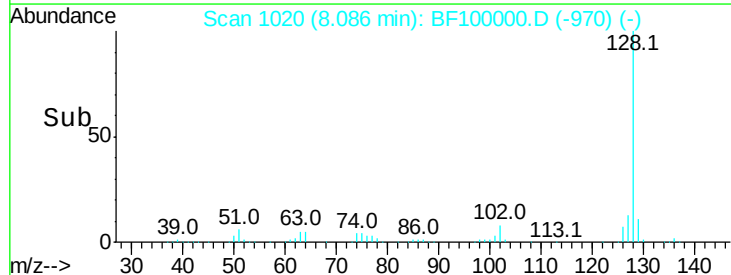
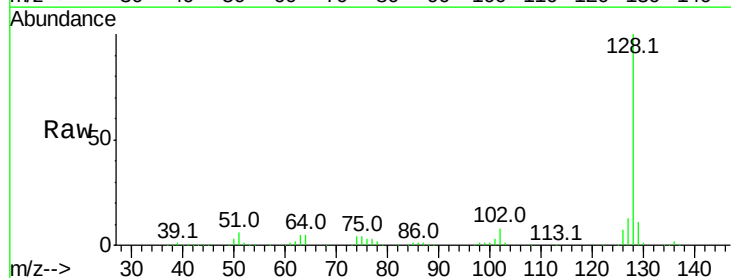
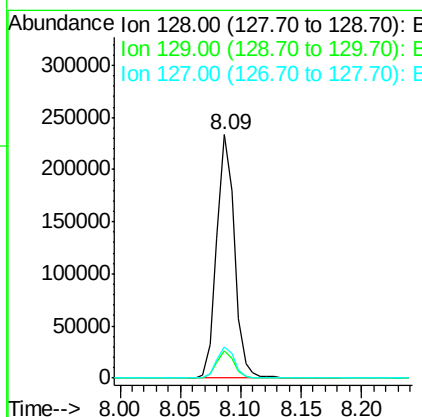
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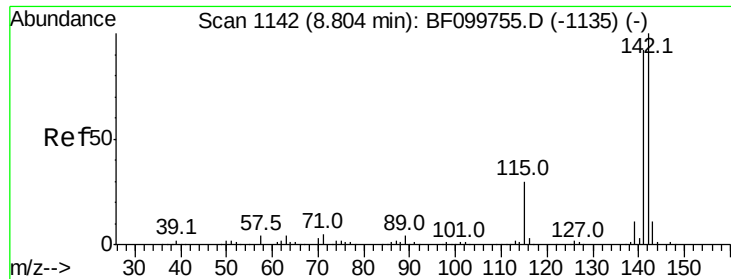
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#31
 Naphthalene
 Concen: 12.731 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF100000.D
 Acq: 31 Oct 2017 14:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.7	10.9	16.3





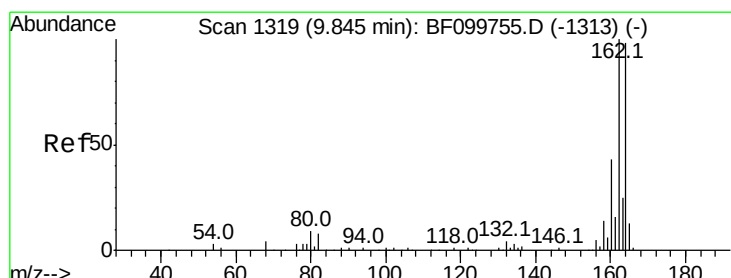
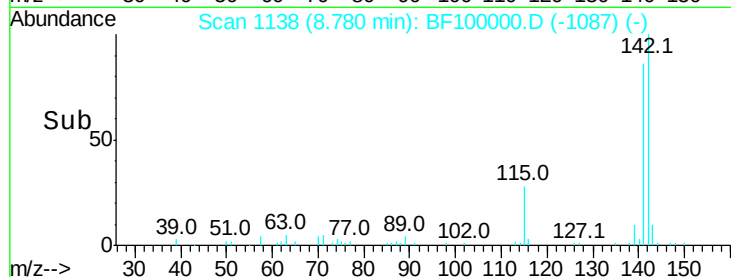
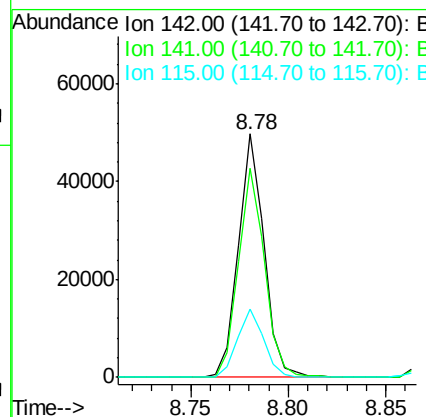
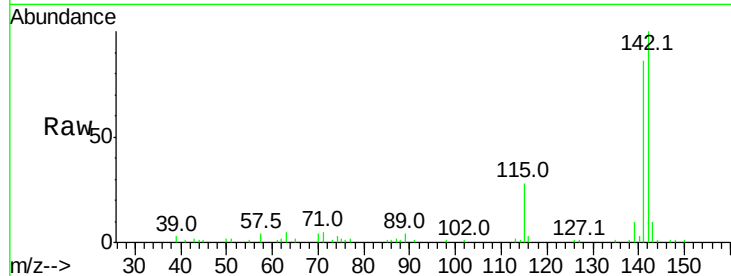
#37
 2-Methylnaphthalene
 Concen: 3.672 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF100000.D
 Acq: 31 Oct 2017 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-102617

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.8	106.2
115	28.2	26.1	39.1

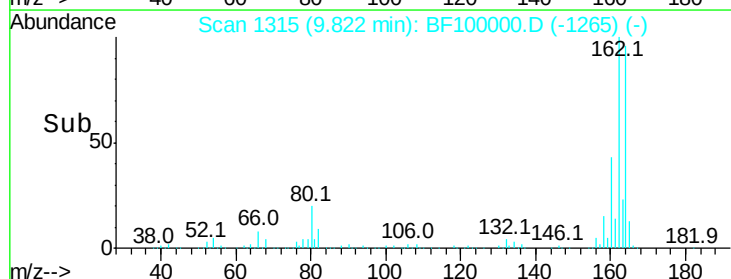
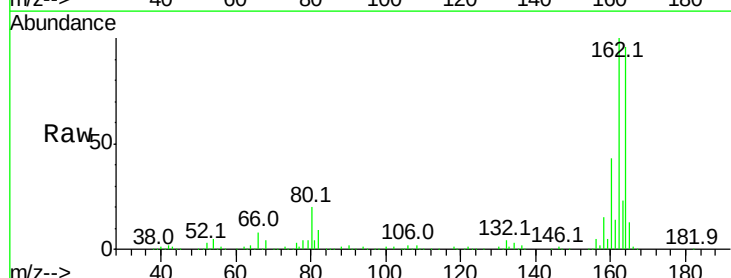
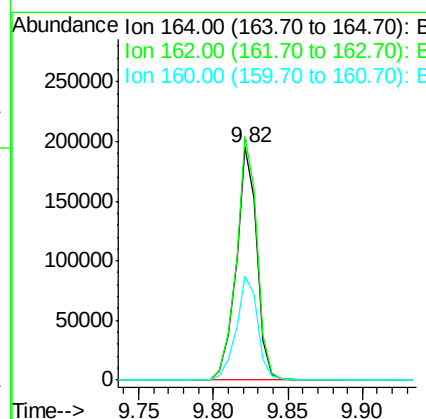
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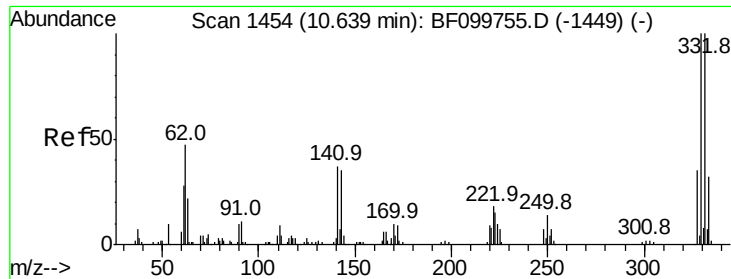
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100000.D
 Acq: 31 Oct 2017 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	44.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 155.454 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF100000.D

Acq: 31 Oct 2017 14:07

Instrument :

BNA_F

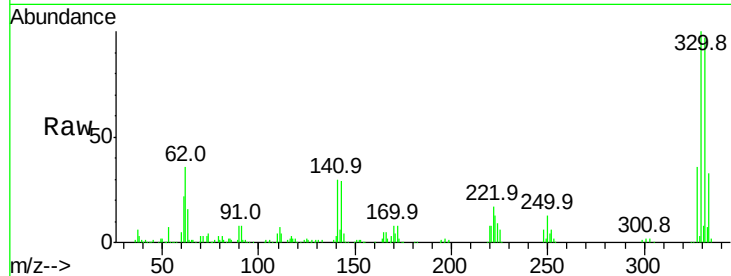
ClientSampleId :

SU-04-102617

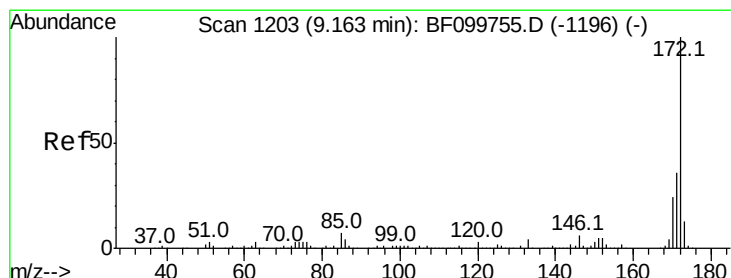
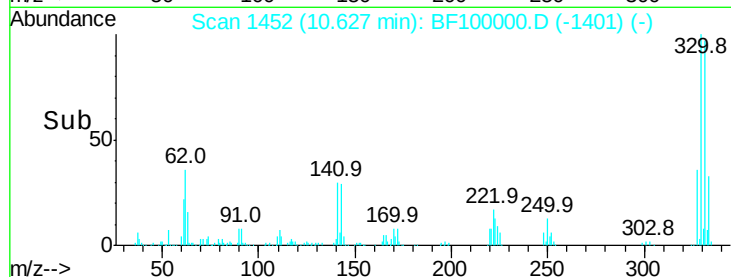
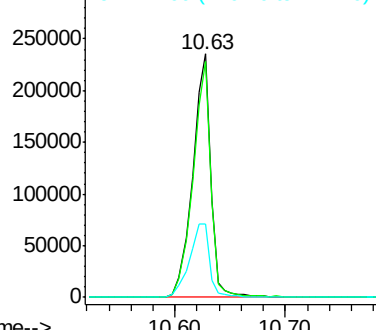
Tot Ion:	330	Resp:	269296
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	33.9	29.9	44.9

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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: 102.183 ng

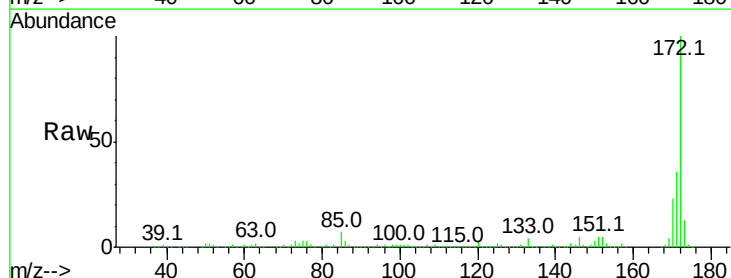
RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

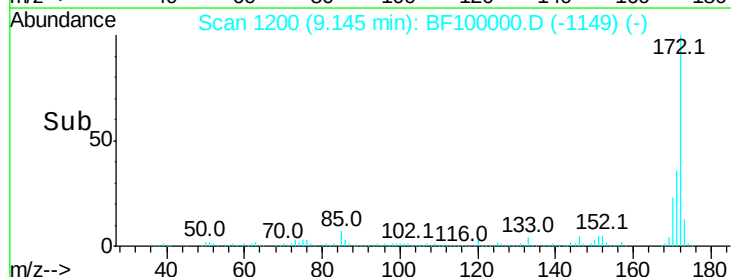
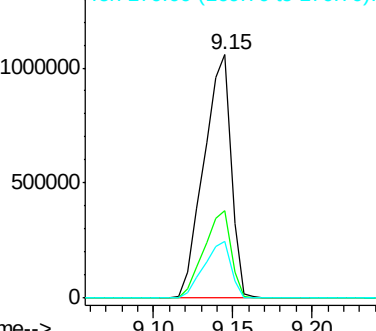
Lab File: BF100000.D

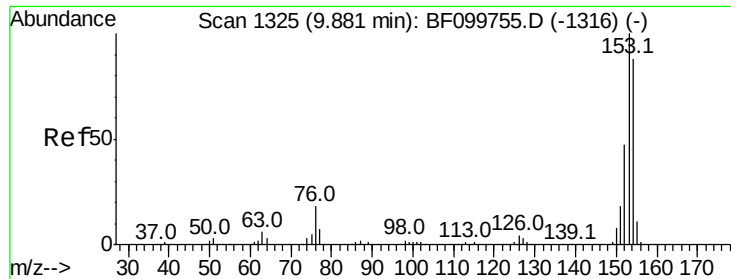
Acq: 31 Oct 2017 14:07

Tgt Ion:	172	Resp:	1258976
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	23.4	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: 2.385 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF100000.D

Acq: 31 Oct 2017 14:07

Instrument :

BNA_F

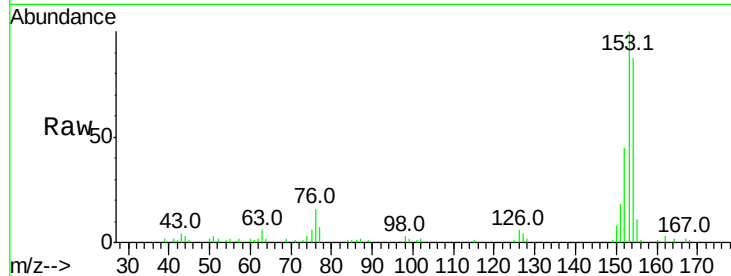
ClientSampleId :

SU-04-102617

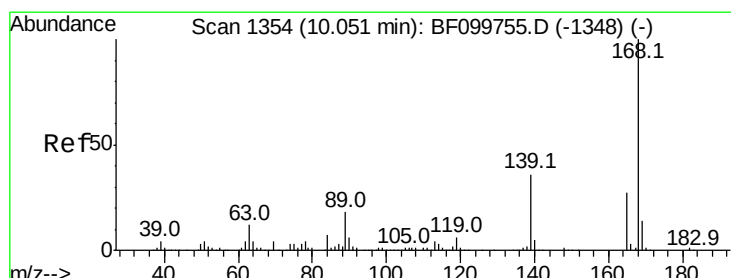
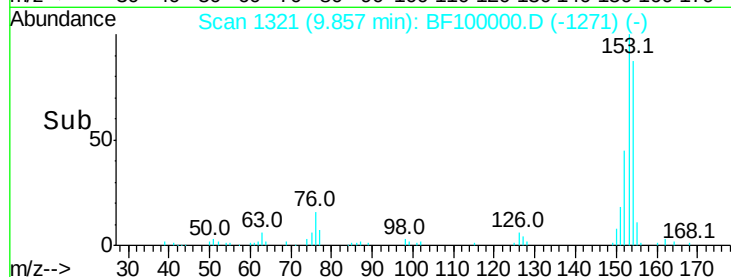
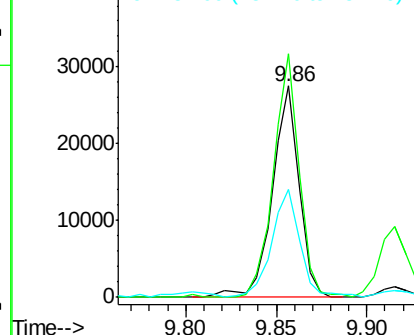
Tot Ion:	154	Resp:	28027
Ion Ratio	Lower	Upper	
154	100		
153	115.4	91.2	136.8
152	51.4	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.175 ng

RT: 10.03 min Scan# 1351

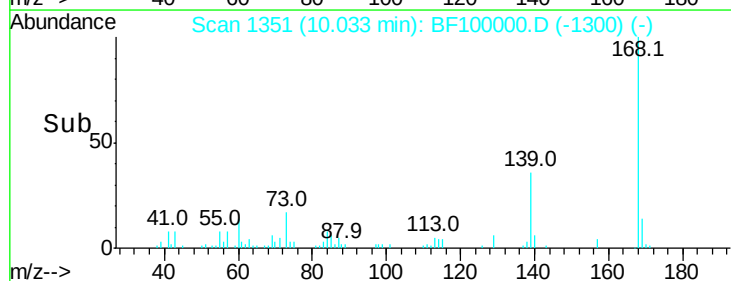
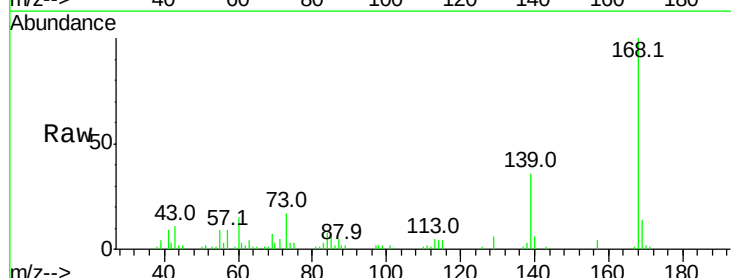
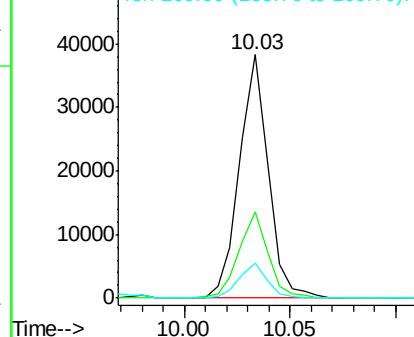
Delta R.T. -0.00 min

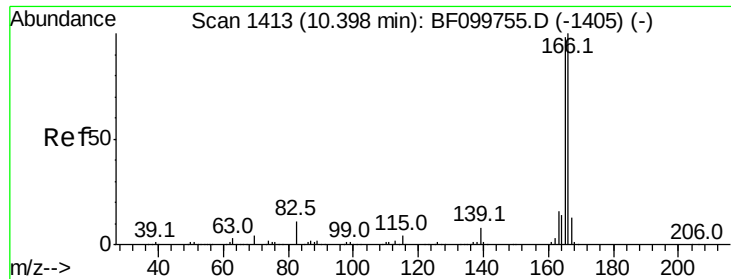
Lab File: BF100000.D

Acq: 31 Oct 2017 14:07

Tgt Ion:	168	Resp:	36087
Ion Ratio	Lower	Upper	
168	100		
139	35.6	30.1	45.1
169	14.3	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





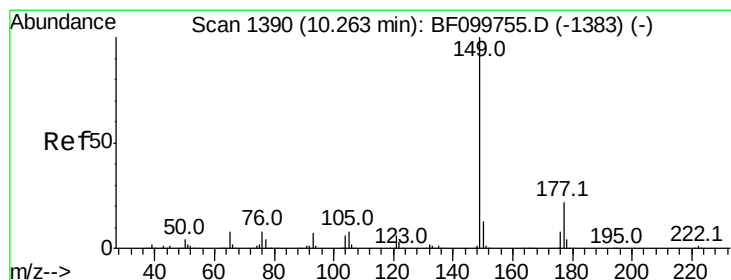
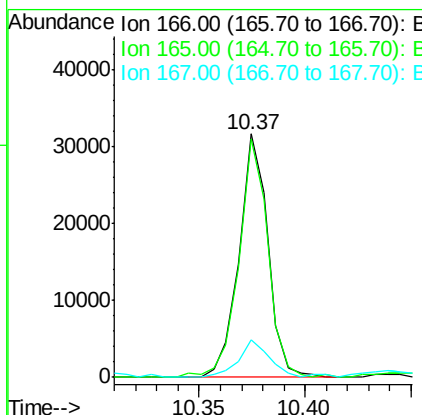
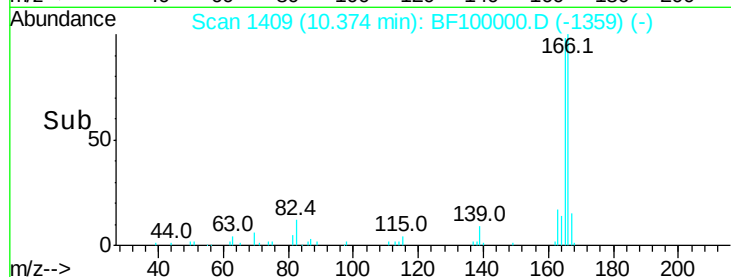
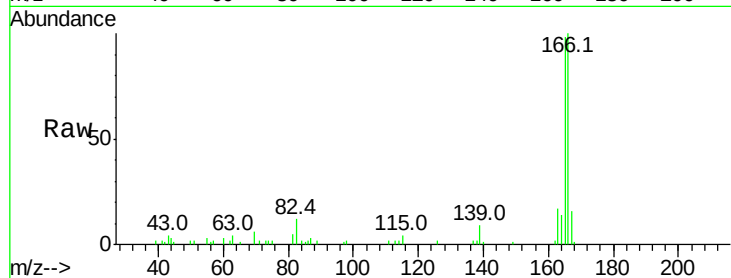
#57
Fluorene
Concen: 2.184 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF100000.D
Acq: 31 Oct 2017 14:07

Instrument :
BNA_F
ClientSampleId :
SU-04-102617

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	15.5	10.6	16.0

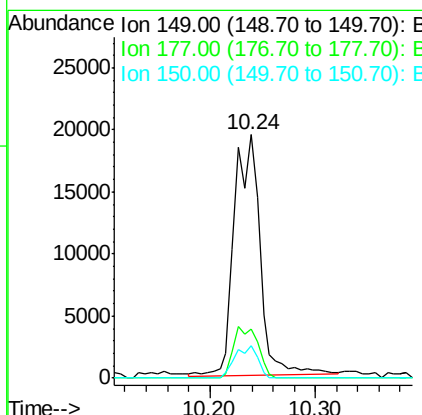
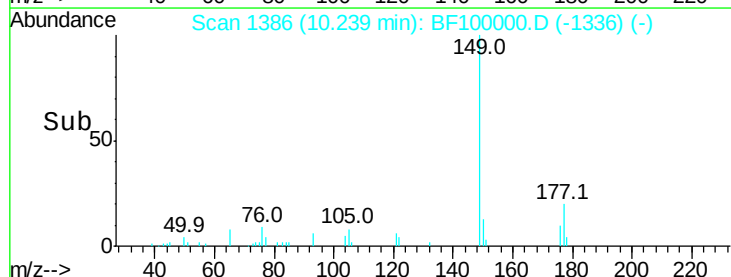
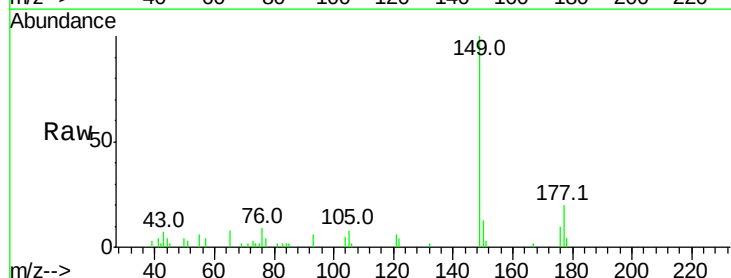
Manual Integrations
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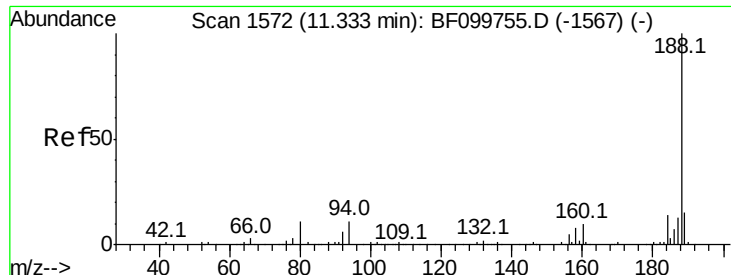
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#59
Diethylphthalate
Concen: 2.240 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF100000.D
Acq: 31 Oct 2017 14:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.1	24.1
150	13.2	10.1	15.1





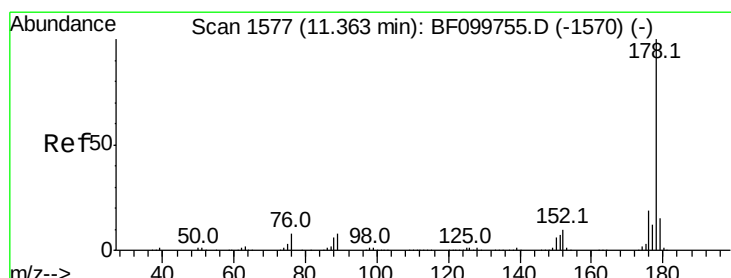
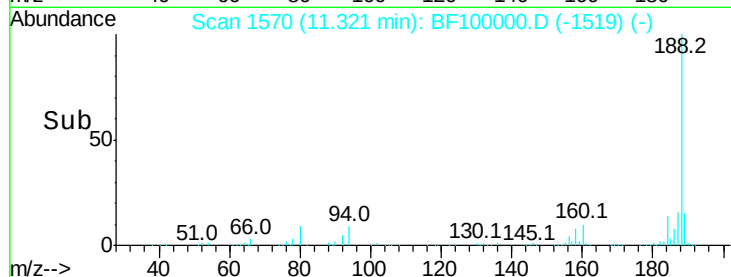
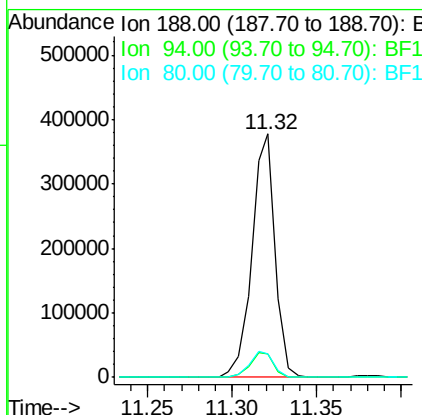
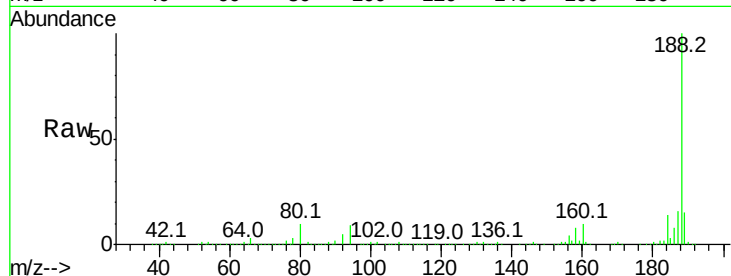
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100000.D
Acq: 31 Oct 2017 14:07

Instrument :
BNA_F
ClientSampleId :
SU-04-102617

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.4	8.5	12.7	
80	9.6	9.2	13.8	

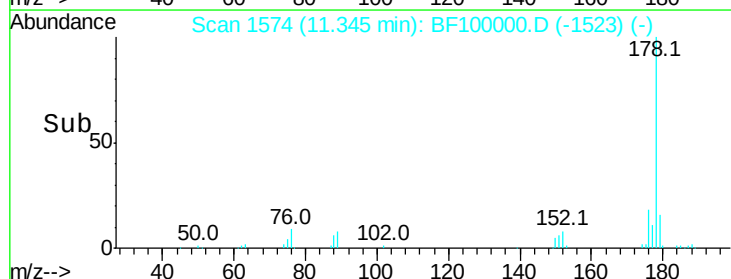
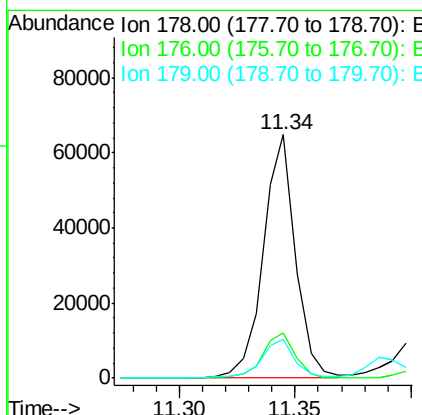
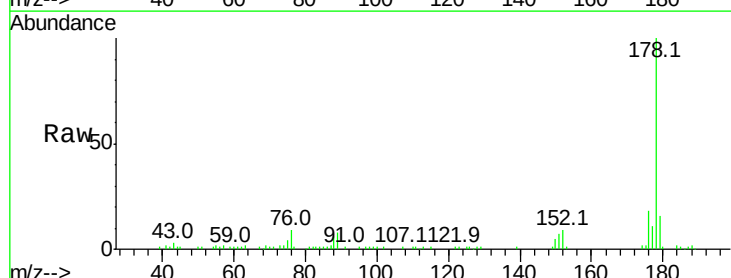
Manual Integrations
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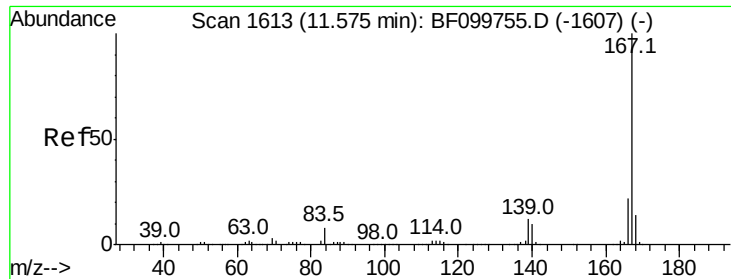
Sohil
11/1/2017 2:37:37 PM



#70
Phenanthrene
Concen: 3.058 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF100000.D
Acq: 31 Oct 2017 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.5	15.8	23.8	
179	15.9	13.0	19.6	





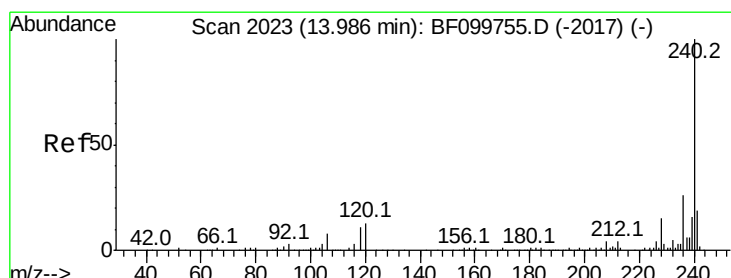
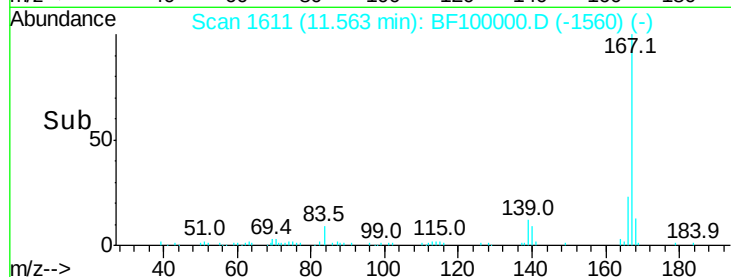
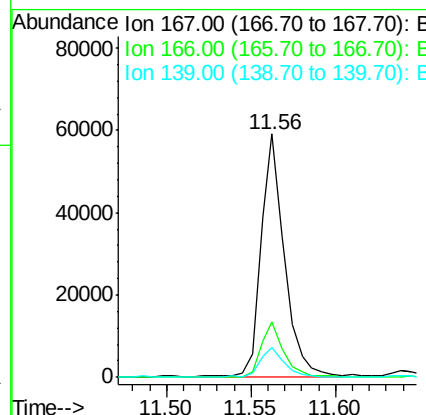
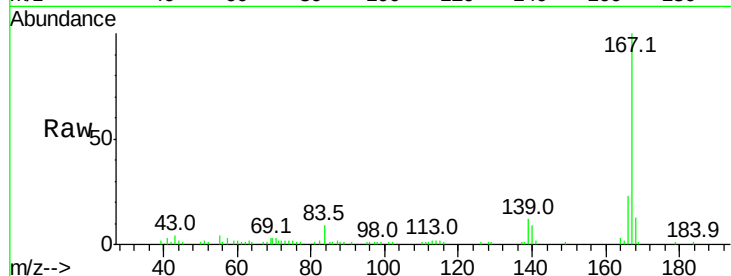
#72
 Carbazole
 Concen: 2.954 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF100000.D
 Acq: 31 Oct 2017 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-102617

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	12.1	10.9	16.3

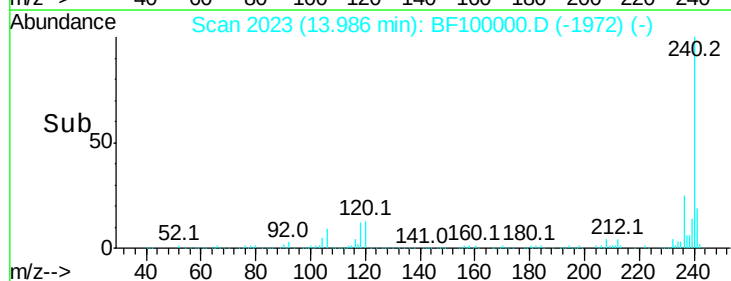
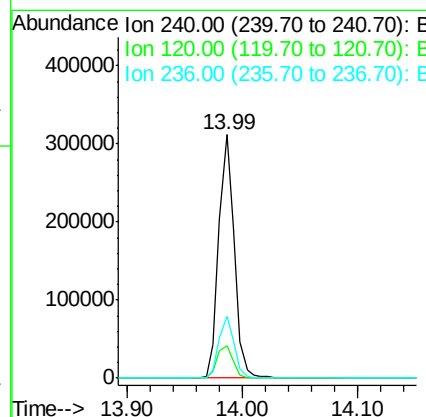
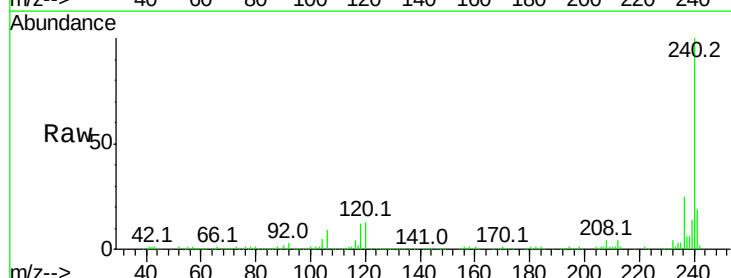
Manual Integrations
 APPROVED

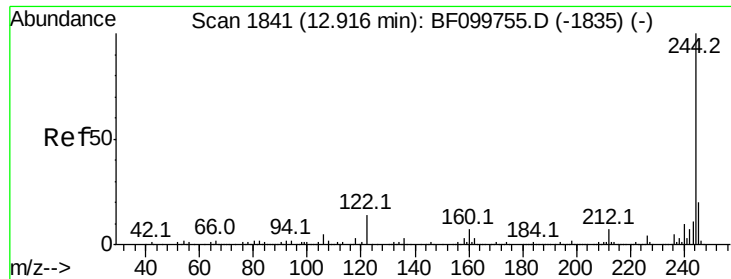
Sohil
 11/1/2017 2:37:37 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF100000.D
 Acq: 31 Oct 2017 14:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.3	20.7	31.1





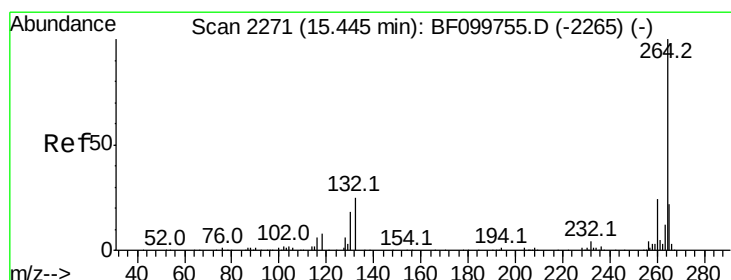
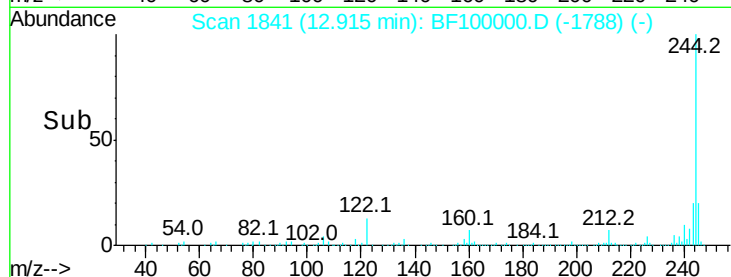
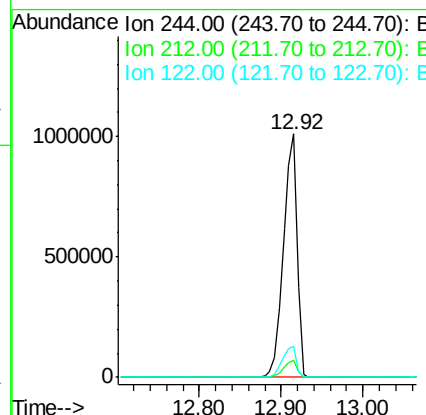
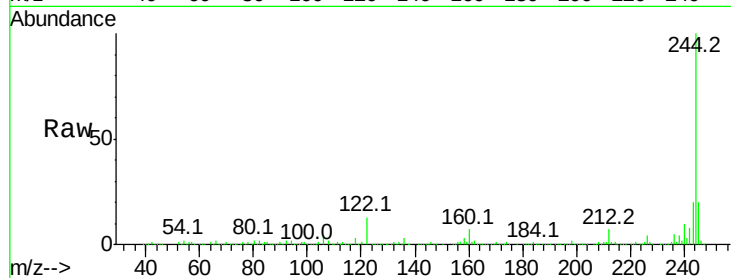
#78
 Terphenyl-d14
 Concen: 88.029 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF100000.D
 Acq: 31 Oct 2017 14:07

Instrument :
 BNA_F
 ClientSampled :
 SU-04-102617

Tot Ion:244 Resp: 1174083
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.9 11.0 16.4

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:37 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF100000.D
 Acq: 31 Oct 2017 14:07

Tgt Ion:264 Resp: 241563
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.1 17.5 26.3

