

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099064.D
 Acq On : 4 Oct 2017 7:23
 Operator : SJ/JU
 Sample : I5531-13DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-63A-0-3DL

Manual Integrations
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Quant Time: Oct 04 10:45:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 10:40:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	113821	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	386434	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	128506	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	203432	20.00	ng	0.00
75) Chrysene-d12	14.03	240	235921	20.00	ng	0.00
86) Perylene-d12	15.51	264	237552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	227583	31.83	ng	0.00
7) Phenol-d6	6.49	99	257818	29.23	ng	-0.01
23) Nitrobenzene-d5	7.43	82	140301	23.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	25951	24.68	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	208360	27.07	ng	0.00
78) Terphenyl-d14	12.97	244	157939	15.22	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.87	142	376027	31.871	ng	98
49) Dimethylphthalate	9.62	163	35220	3.631	ng	# 64
51) Acenaphthene	9.95	154	27148	3.376	ng	# 78
57) Fluorene	10.46	166	48427	5.628	ng	# 90
70) Phenanthrene	11.42	178	155571	14.287	ng	97
74) Fluoranthene	12.61	202	33577	3.045	ng	98
77) Pyrene	12.84	202	38957	2.165	ng	97

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

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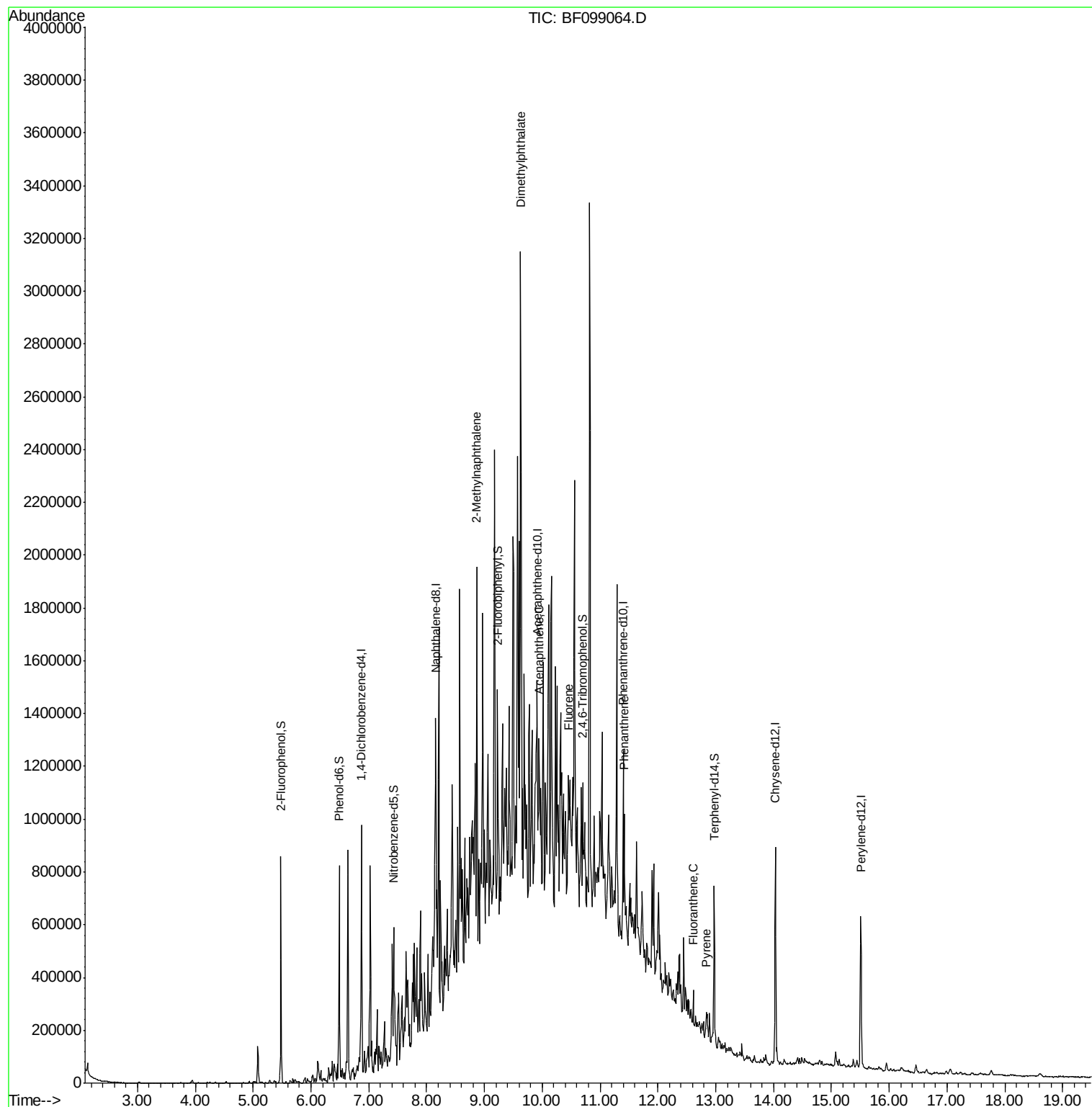
Instrument :
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ClientSampleId :
G-63A-0-3DL

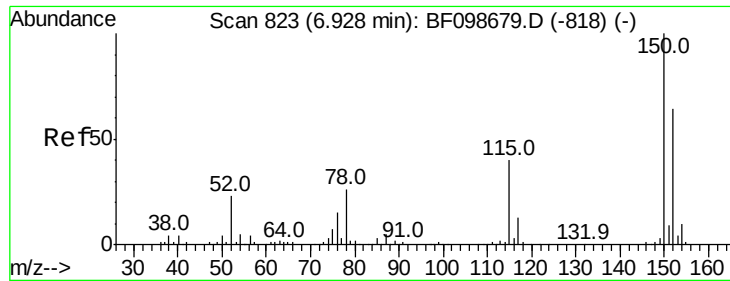
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 10:40:06 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

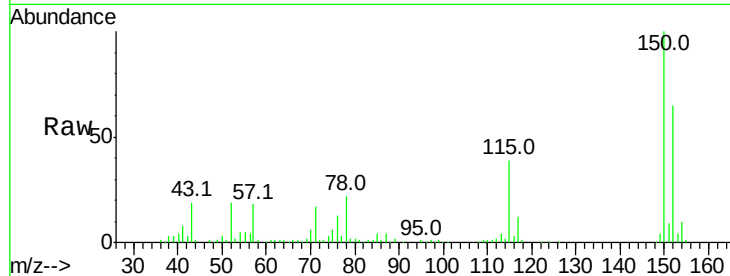
Instrument :
BNA_F
ClientSampleId :
G-63A-0-3DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	59.4	50.1	75.1

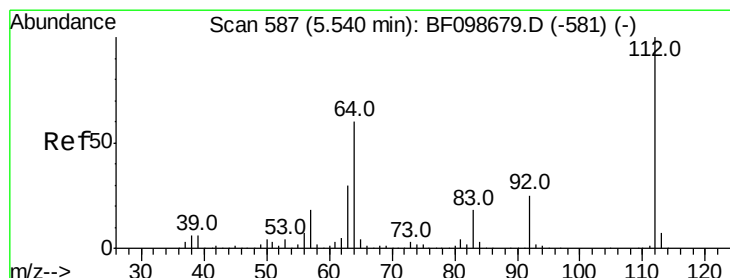
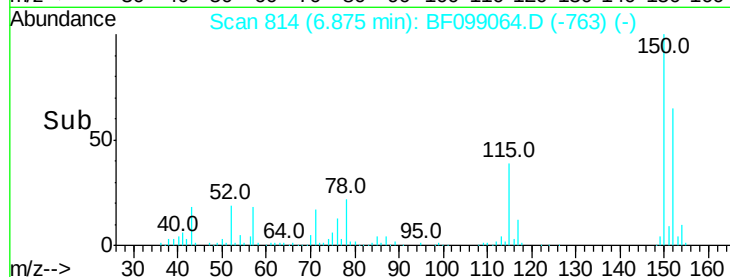
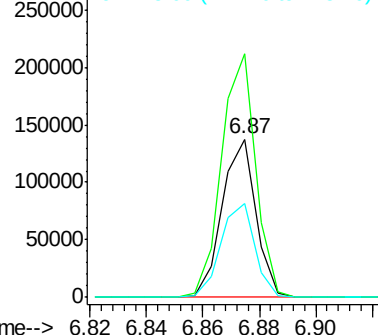
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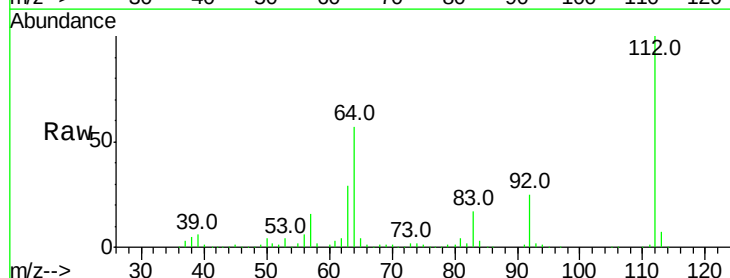
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



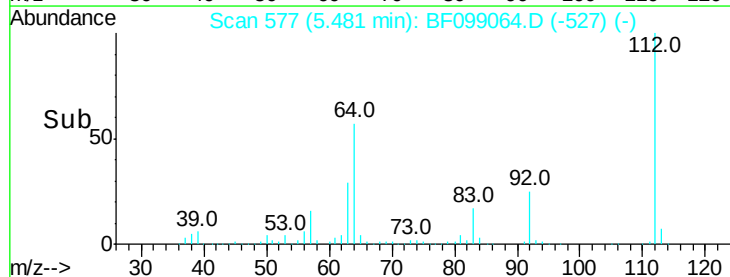
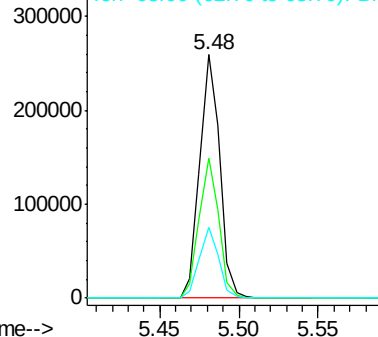
#5

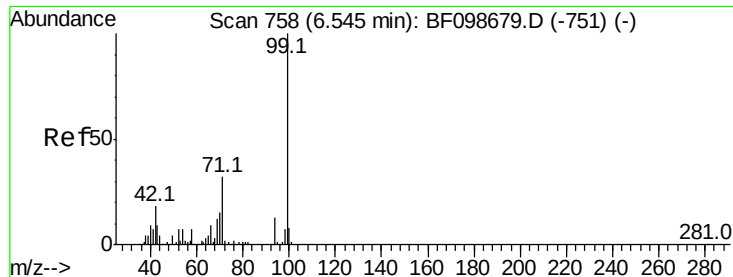
2-Fluorophenol
Concen: 31.830 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	28.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.230 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Instrument :

BNA_F

ClientSampleId :

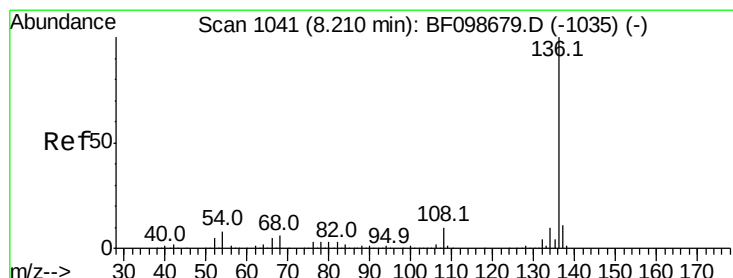
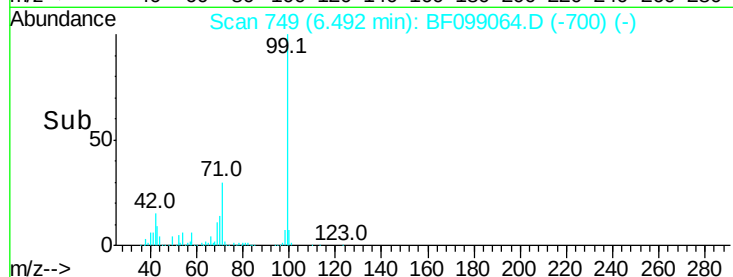
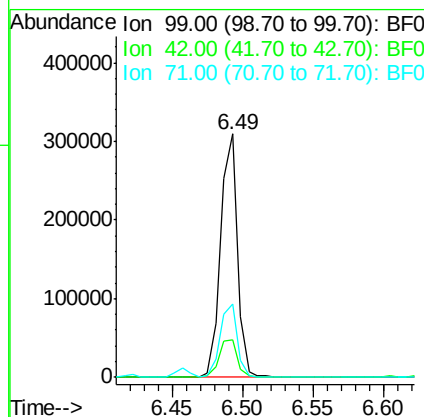
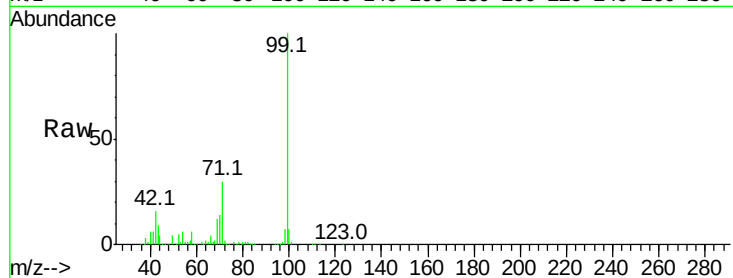
G-63A-0-3DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		257818		
42	15.7	14.5	21.7		
71	29.9	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

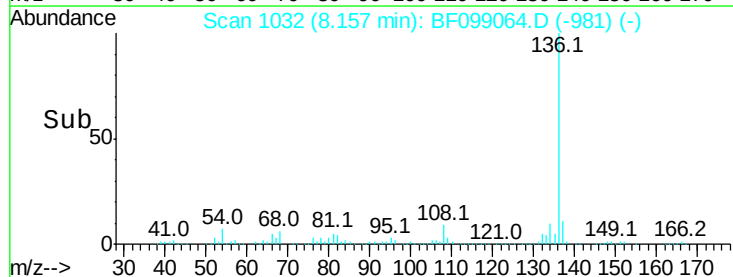
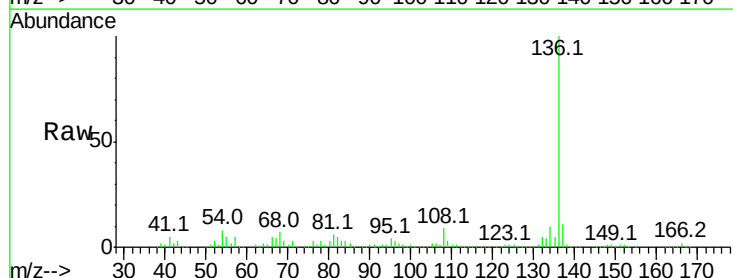
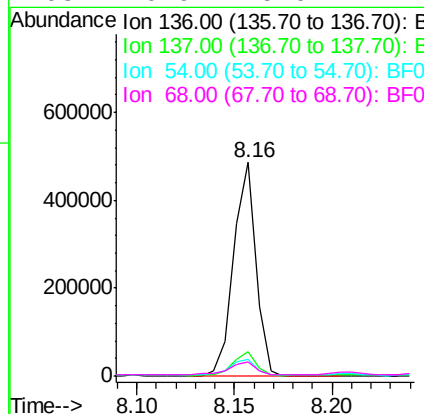
RT: 8.16 min Scan# 1032

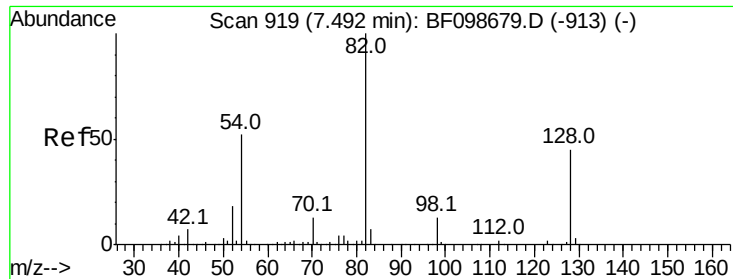
Delta R.T. 0.00 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		386434		
137	11.5	8.9	13.3		
54	7.8	6.6	9.8		
68	6.9	5.0	7.4		





#23

Nitrobenzene-d5

Concen: 23.283 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Tot Ion:	82	Resp:	140301
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	50.3	41.4	62.2

Instrument :

BNA_F

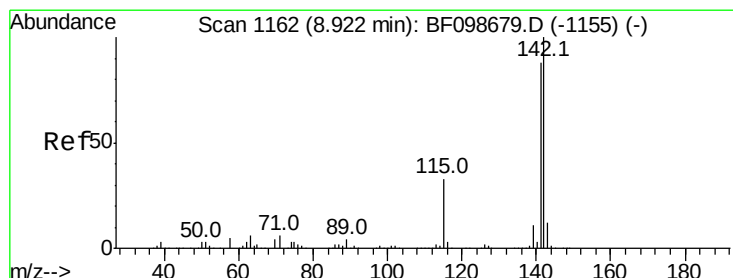
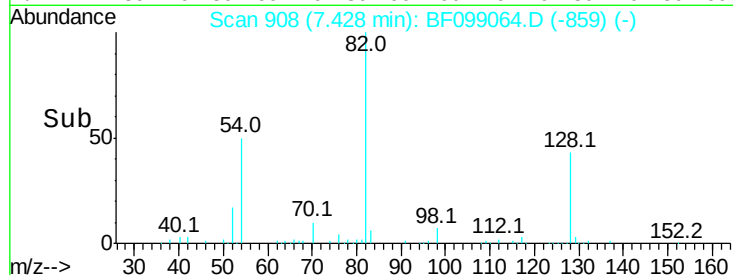
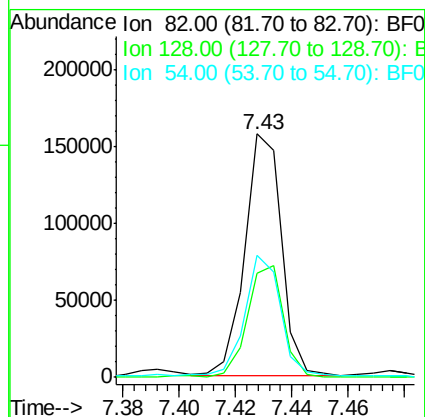
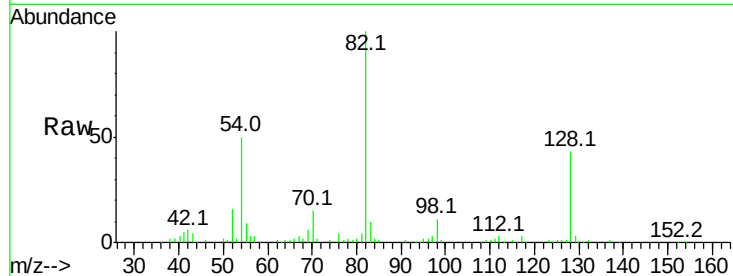
ClientSampled :

G-63A-0-3DL

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#37

2-Methylnaphthalene

Concen: 31.871 ng

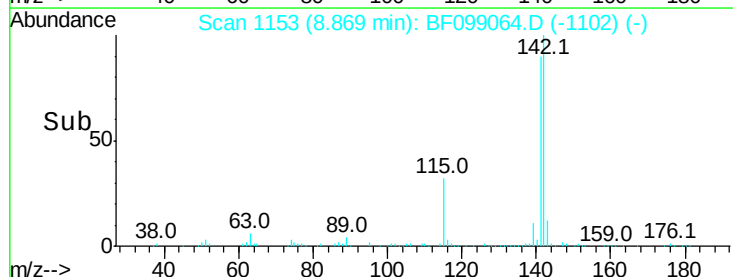
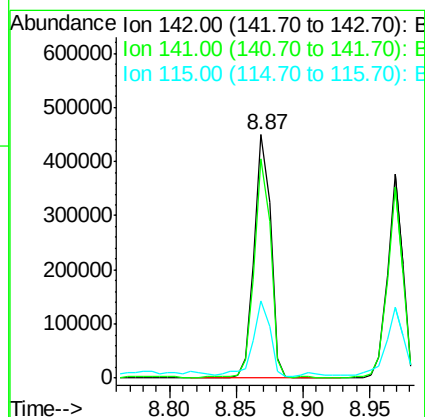
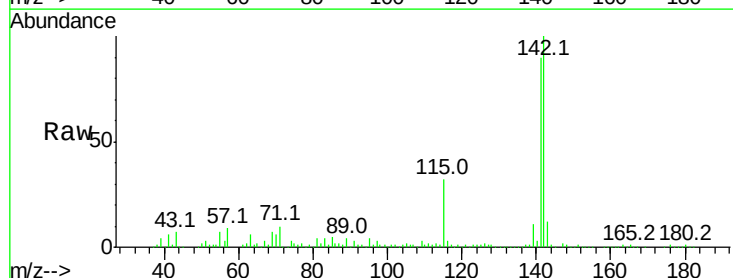
RT: 8.87 min Scan# 1153

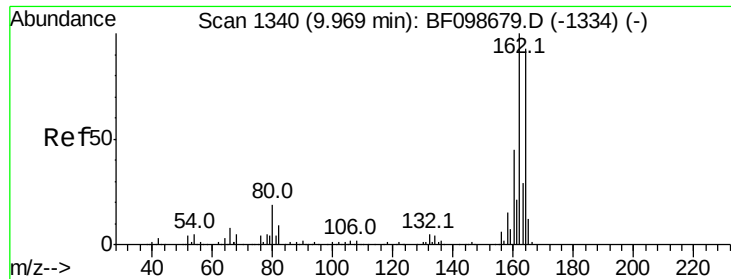
Delta R.T. 0.00 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Tgt Ion:	142	Resp:	376027
Ion Ratio	Lower	Upper	
142	100		
141	90.3	70.8	106.2
115	32.0	26.1	39.1





#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF099064.D
 Acq: 4 Oct 2017 7:23

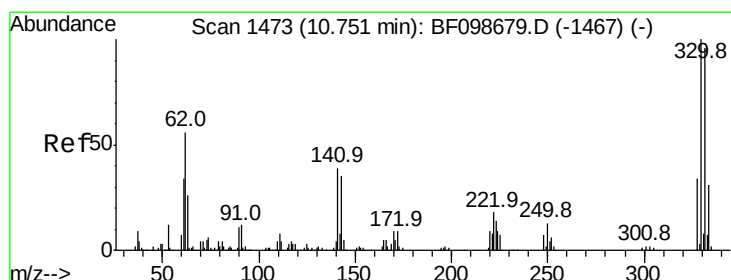
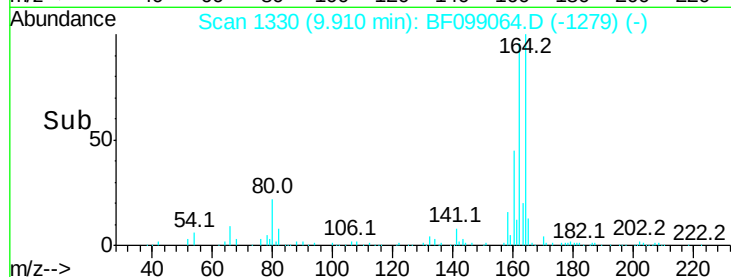
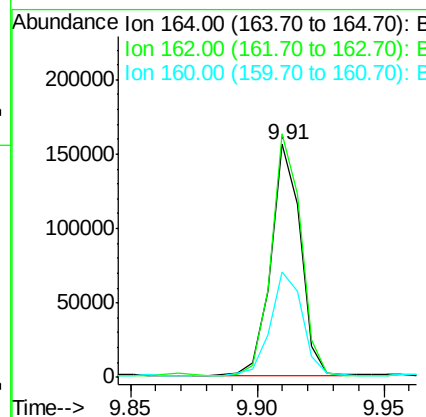
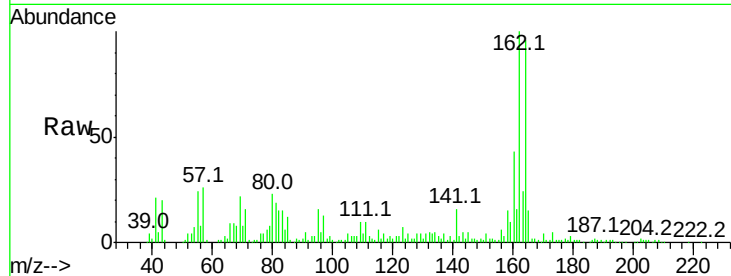
Instrument :
 BNA_F
 ClientSampleId :
 G-63A-0-3DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.5	86.1	129.1	
160	45.3	38.3	57.5	

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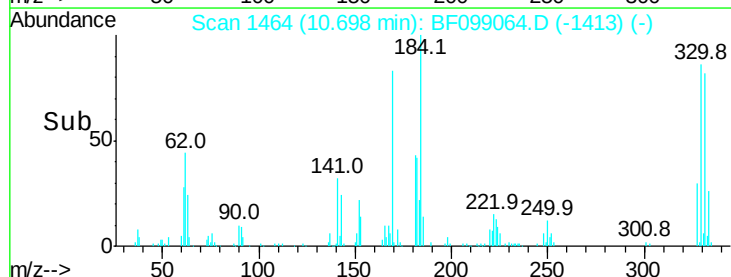
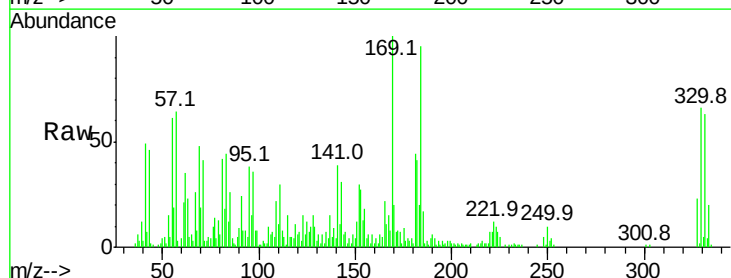
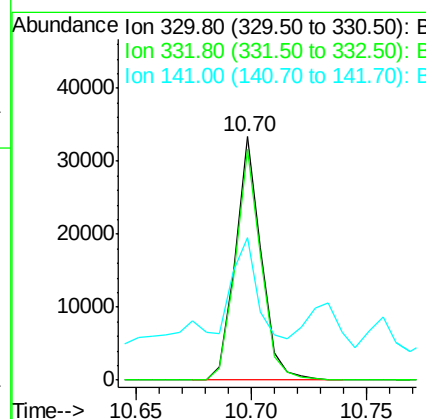
Sohil

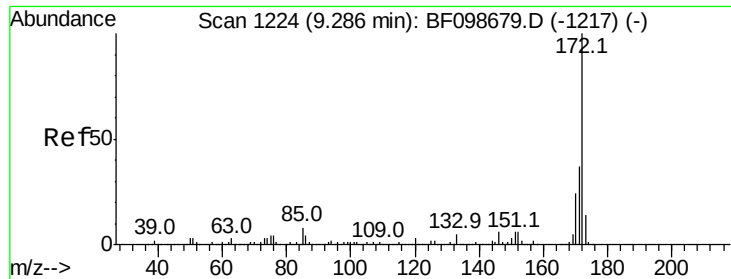
10/4/2017 7:21:41 PM



#41
 2,4,6-Tribromophenol
 Concen: 24.679 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099064.D
 Acq: 4 Oct 2017 7:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.0	115.6	
141	66.8	29.9	44.9#	





#44
2-Fluorobiphenyl
Concen: 27.068 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

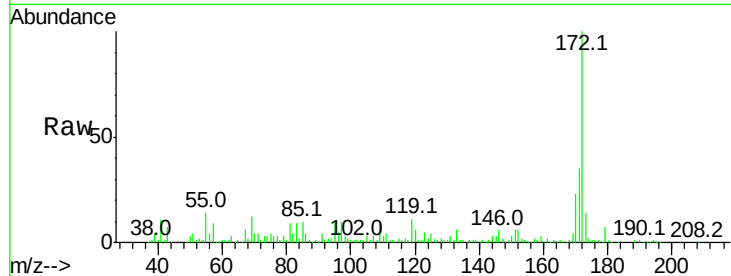
Instrument :
BNA_F
ClientSampleId :
G-63A-0-3DL

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.7	44.5	
170	23.1	19.6	29.4	

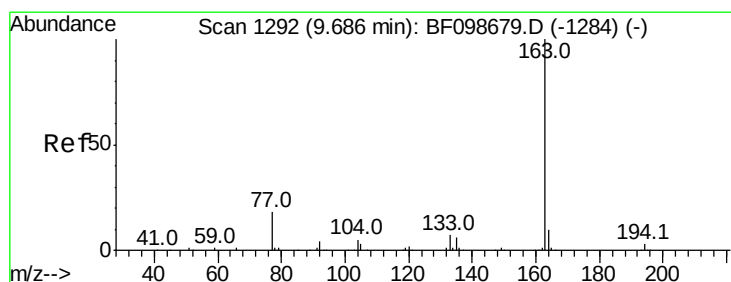
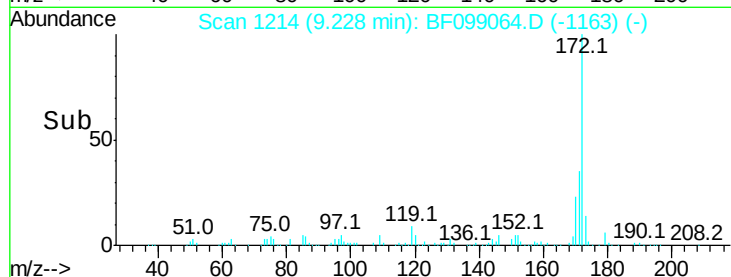
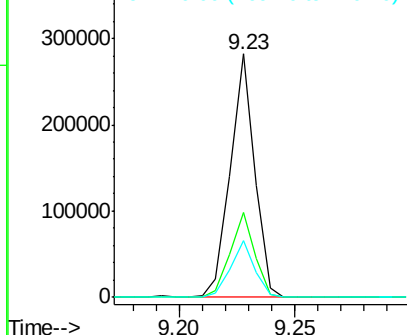
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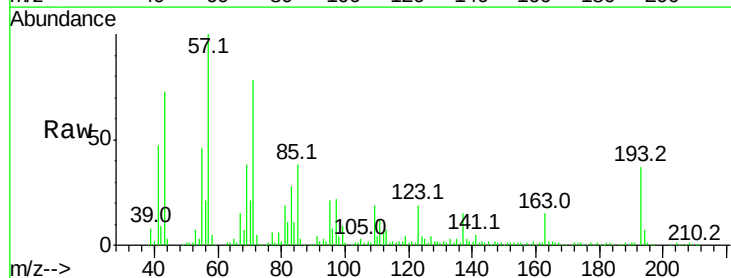


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

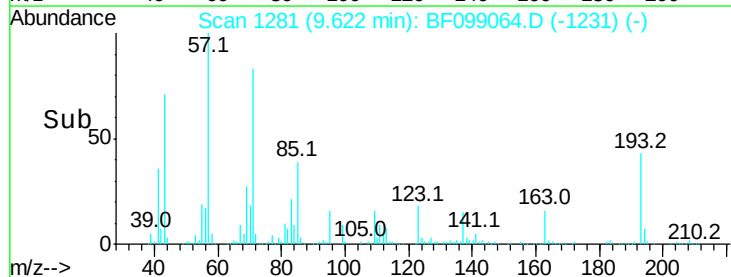
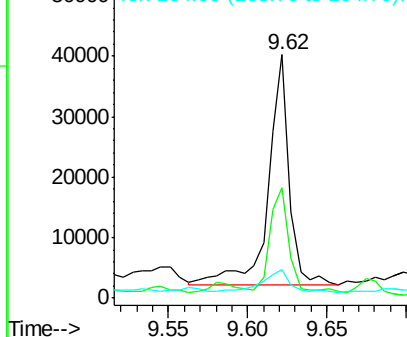


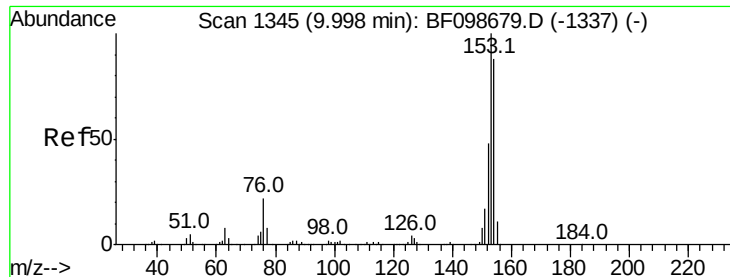
#49
Dimethylphthalate
Concen: 3.631 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	45.5	2.7	4.1#	
164	12.0	8.2	12.2	



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.376 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Instrument :

BNA_F

ClientSampleId :

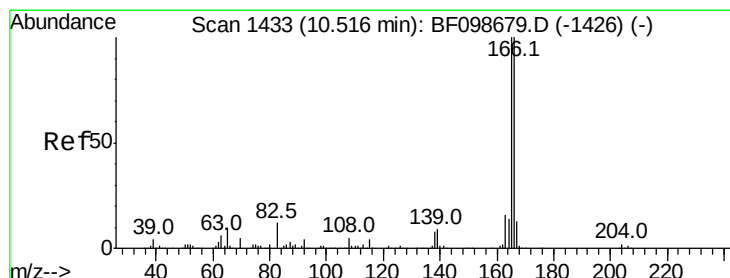
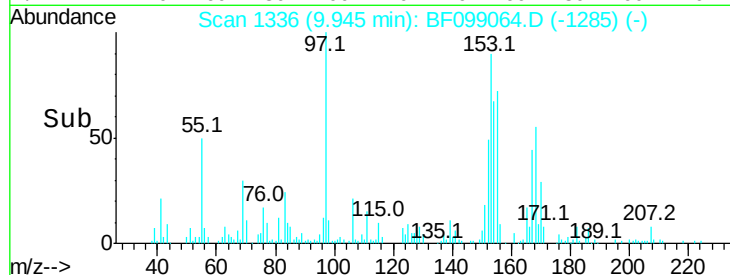
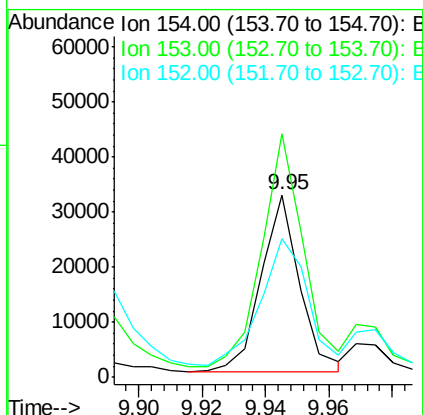
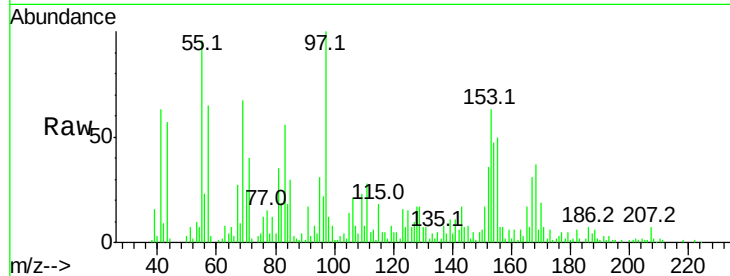
G-63A-0-3DL

Tot Ion:	154	Resp:	27148
Ion Ratio	Lower	Upper	
154	100		
153	133.2	91.2	136.8
152	76.0	43.8	65.8#

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#57

Fluorene

Concen: 5.628 ng

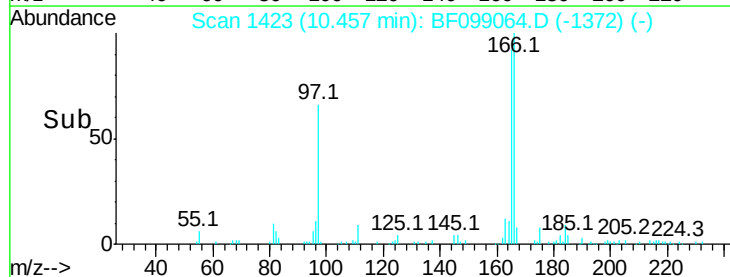
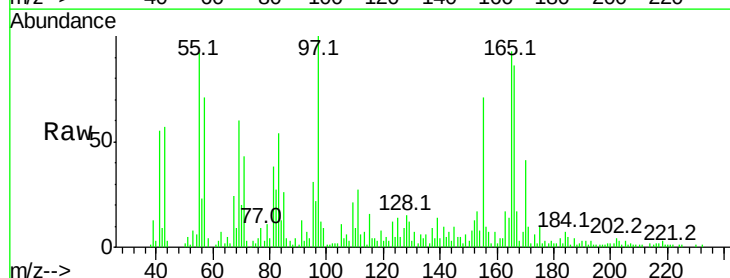
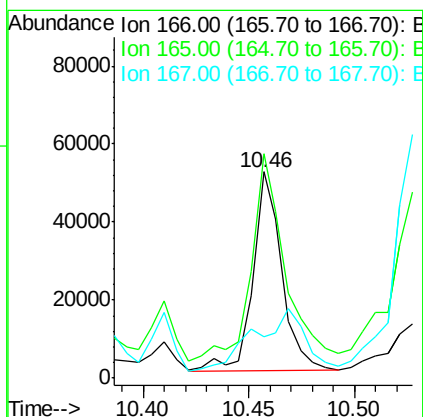
RT: 10.46 min Scan# 1423

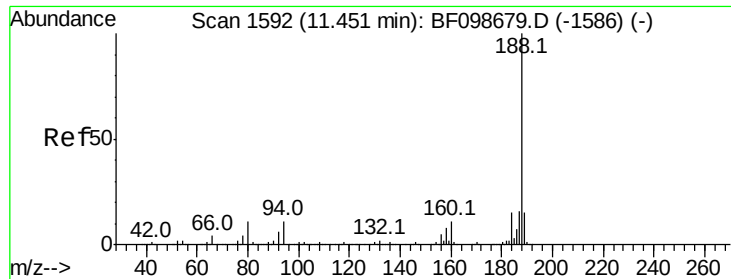
Delta R.T. 0.00 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Tgt Ion:	166	Resp:	48427
Ion Ratio	Lower	Upper	
166	100		
165	109.0	79.8	119.8
167	20.2	10.6	16.0#





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

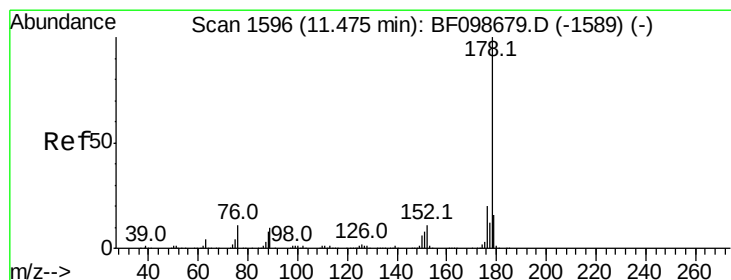
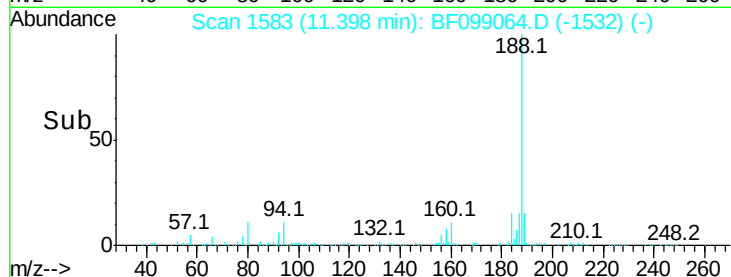
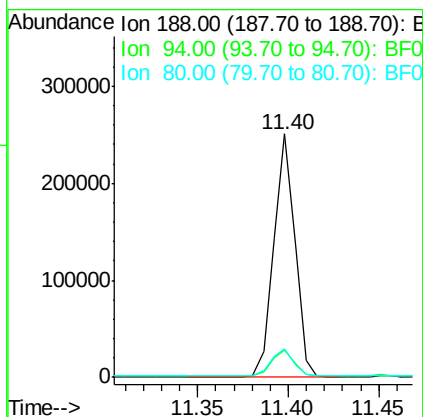
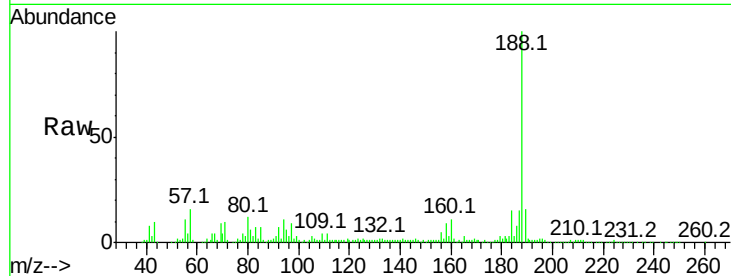
Instrument :
BNA_F
ClientSampleId :
G-63A-0-3DL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.8	9.2	13.8

Manual Integrations
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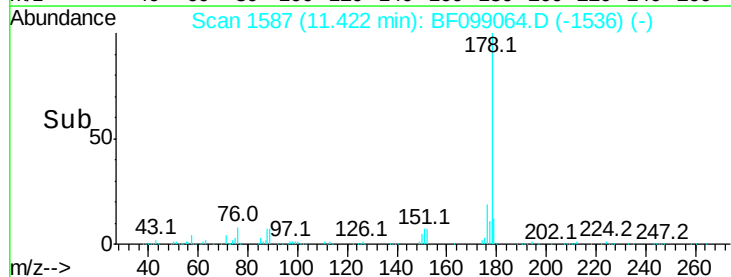
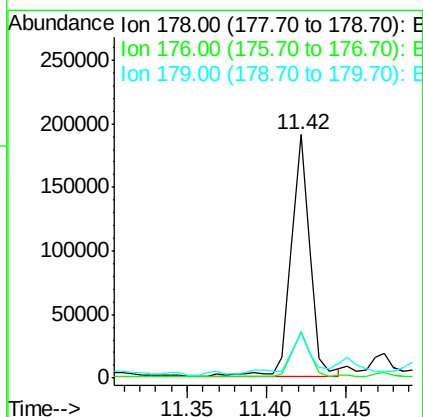
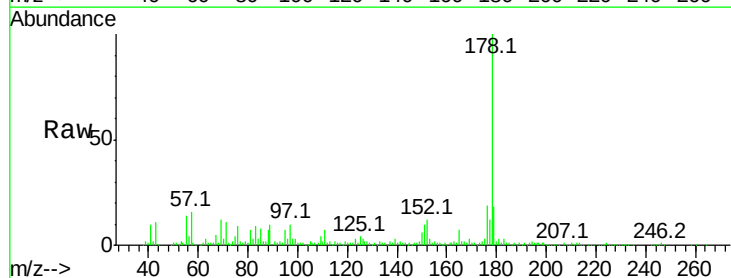
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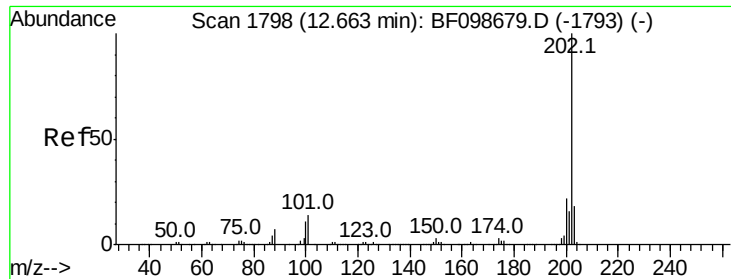
10/4/2017 7:21:41 PM



#70
Phenanthrene
Concen: 14.287 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF099064.D
Acq: 4 Oct 2017 7:23

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	15.8	23.8
179	18.4	13.0	19.6





#74

Fluoranthene

Concen: 3.045 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Instrument :

BNA_F

ClientSampleId :

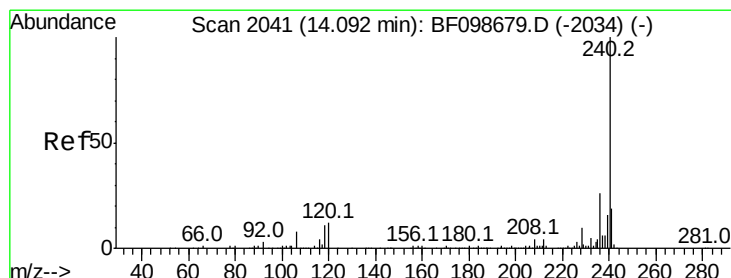
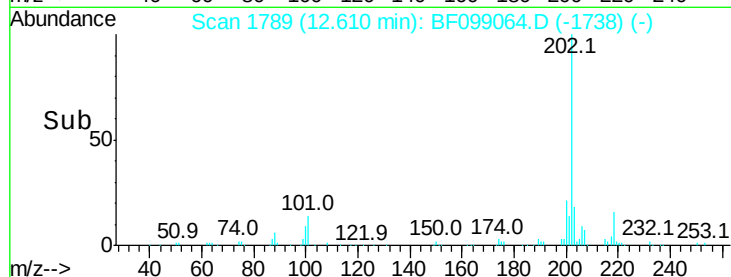
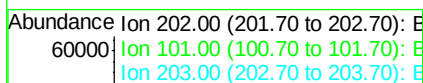
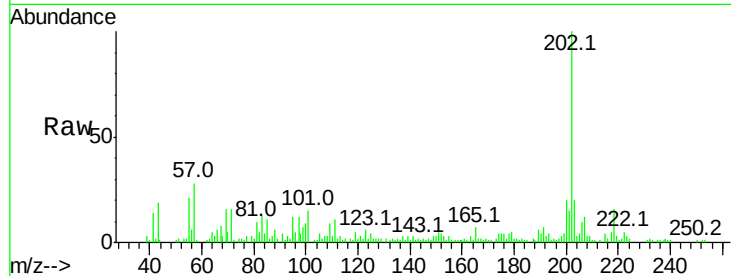
G-63A-0-3DL

Tot Ion:	202	Resp:	33577
Ion Ratio		Lower	Upper
202	100		
101	14.6	0.0	34.1
203	19.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

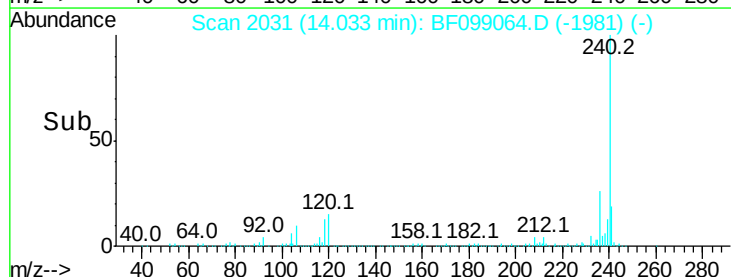
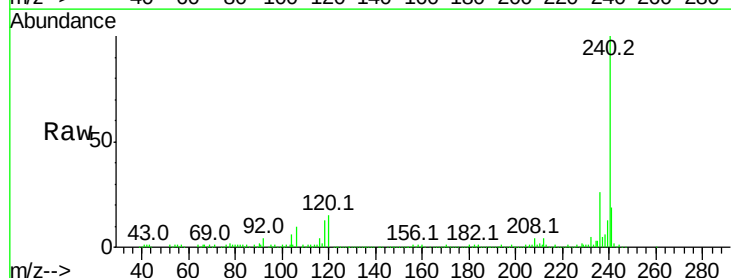
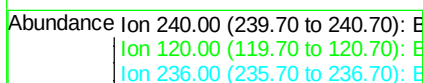
RT: 14.03 min Scan# 2031

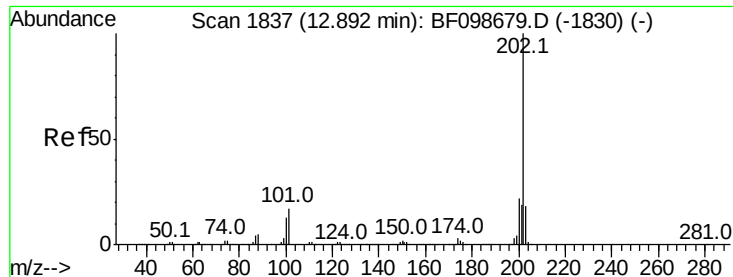
Delta R.T. -0.01 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Tgt Ion:	240	Resp:	235921
Ion Ratio		Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.7	20.7	31.1





#77

Pvrene

Concen: 2.165 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Instrument :

BNA_F

ClientSampled :

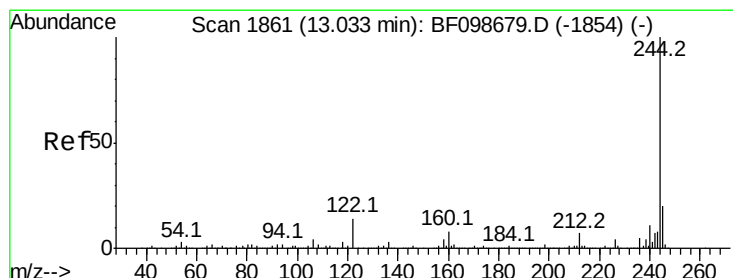
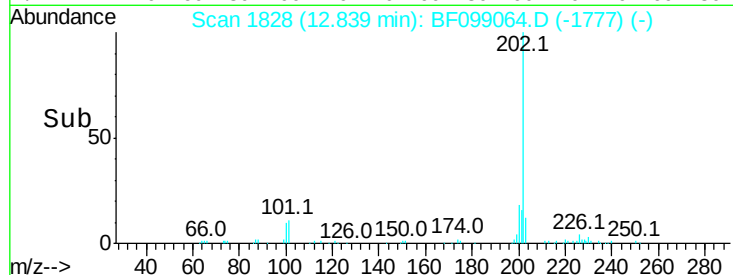
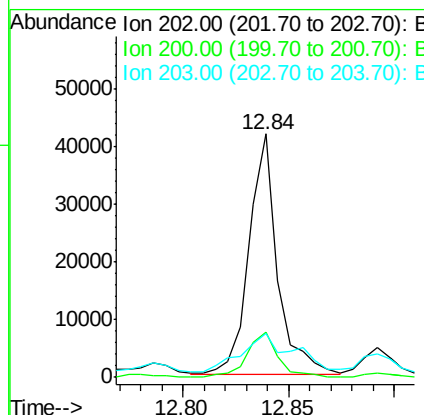
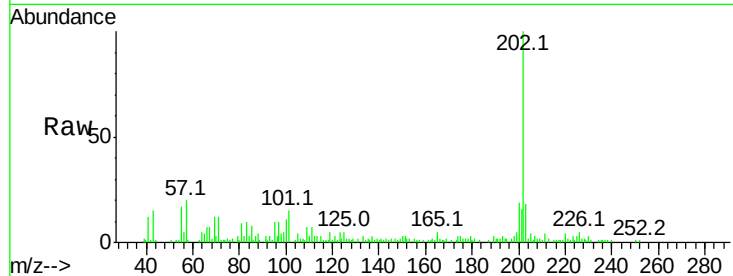
G-63A-0-3DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.4	26.2
203	17.9	14.3	21.5

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#78

Terphenyl-d14

Concen: 15.225 ng

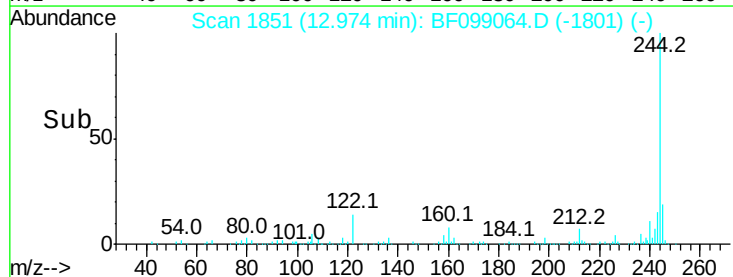
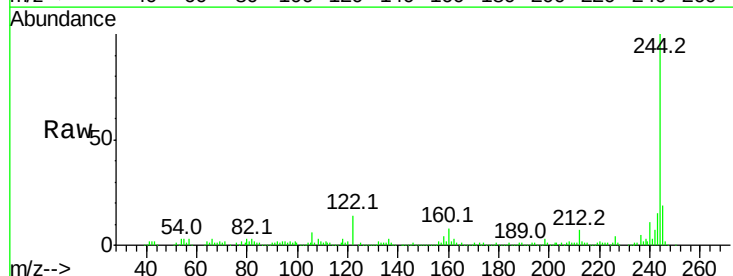
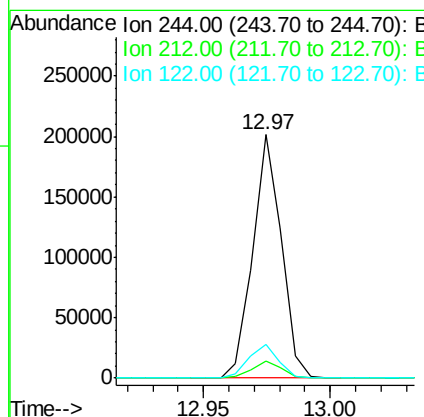
RT: 12.97 min Scan# 1851

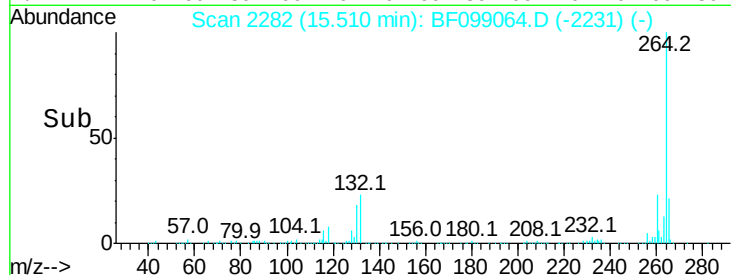
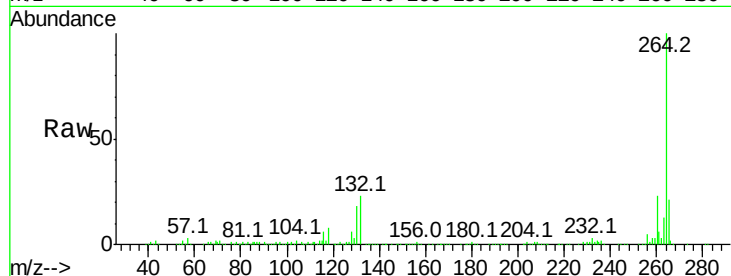
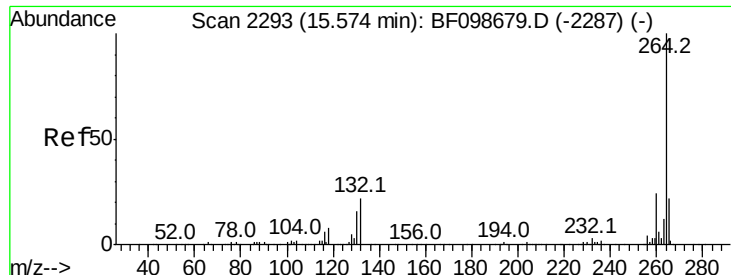
Delta R.T. -0.01 min

Lab File: BF099064.D

Acq: 4 Oct 2017 7:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.9	11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BF099064.D
 Acq: 4 Oct 2017 7:23

Tot Ion:	264	Resp:	237552
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3

Instrument :
 BNA_F
 ClientSampleId :
 G-63A-0-3DL

Manual Integrations
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