

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099043.D
 Acq On : 3 Oct 2017 21:16
 Operator : SJ/JU
 Sample : I5531-11RE 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-2.5-5RE

Manual Integrations
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Sohil
 10/4/2017 7:21:22 PM

Quant Time: Oct 04 02:51:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133658	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	520022	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	200483	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	277078	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	228847	20.00	ng	-0.05
86) Perylene-d12	15.51	264	250318	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	20794	2.48	ng	-0.05
7) Phenol-d6	6.49	99	269756	26.04	ng	-0.06
23) Nitrobenzene-d5	7.43	82	416723	51.39	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	788	0.48	ng	-0.06
44) 2-Fluorobiphenyl	9.23	172	711981	59.29	ng	-0.05
78) Terphenyl-d14	12.97	244	404249	40.17	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.62	163	119398	7.891	ng	99
70) Phenanthrene	11.42	178	65276	4.401	ng	98
74) Fluoranthene	12.60	202	61361	4.086	ng	99
77) Pyrene	12.83	202	60707	3.479	ng	97

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

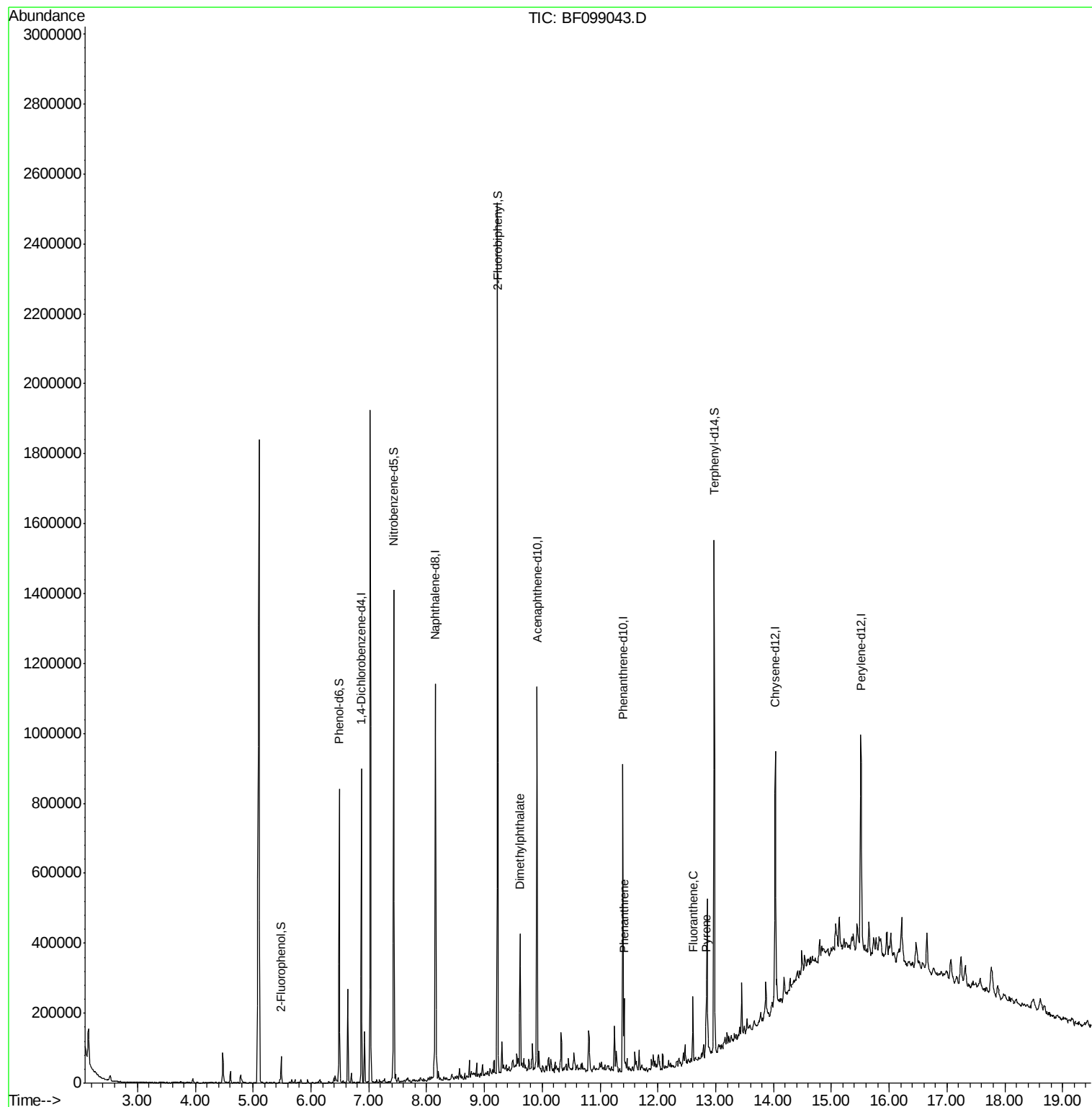
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
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Operator : SJ/JU
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ALS Vial : 9 Sample Multiplier: 1

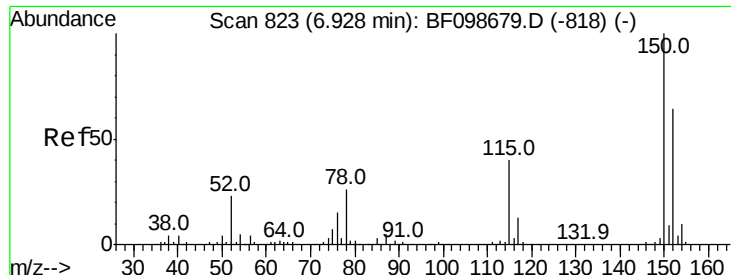
Instrument :
BNA_F
ClientSampleId :
G-62A-2.5-5RE

Manual Integrations
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#1

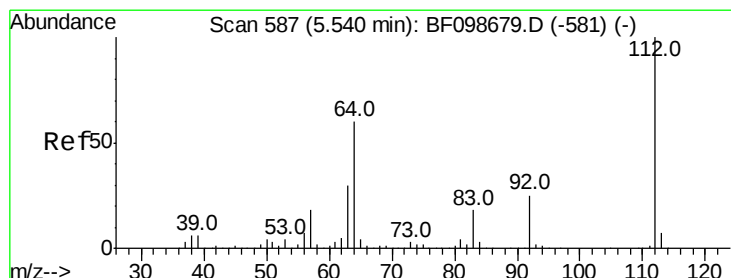
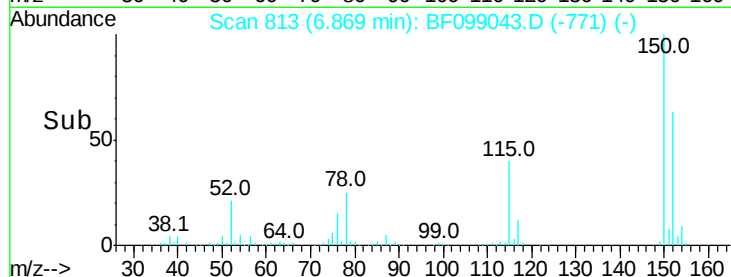
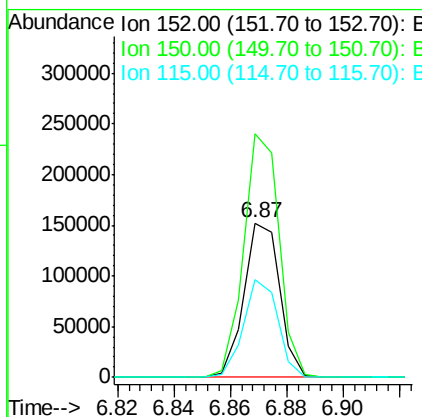
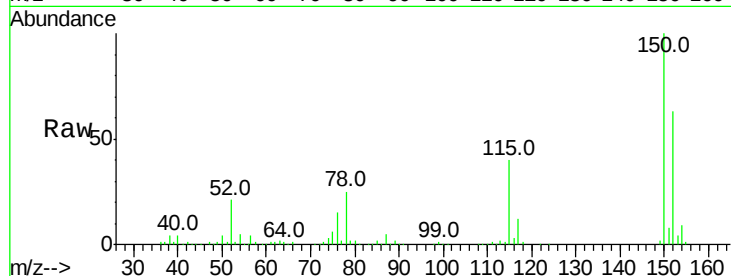
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF099043.D
 Acq: 3 Oct 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-2.5-5RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	63.7	50.1	75.1

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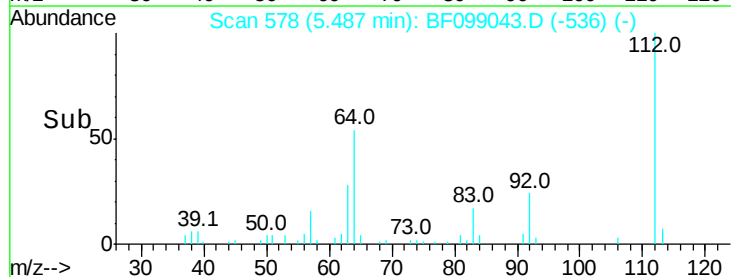
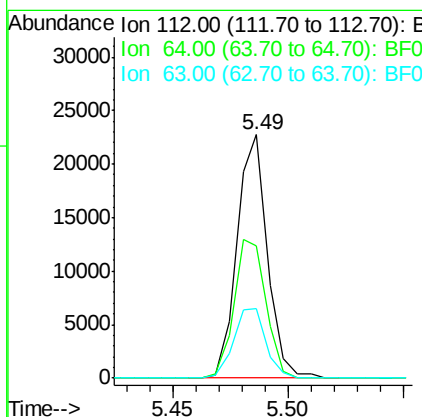
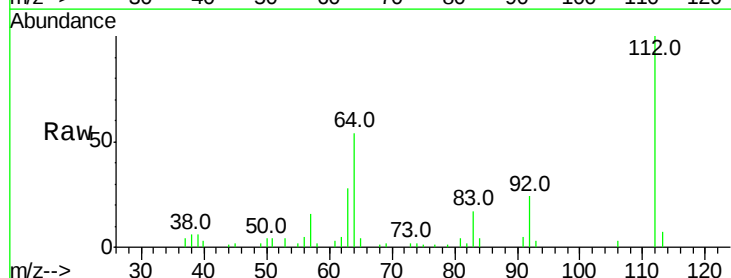
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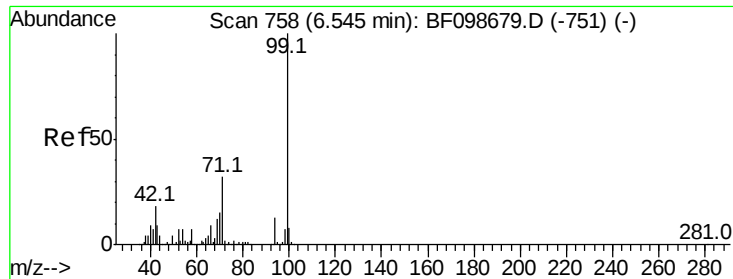


#5

2-Fluorophenol
 Concen: 2.477 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF099043.D
 Acq: 3 Oct 2017 21:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 26.044 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099043.D

Acq: 3 Oct 2017 21:16

Instrument :

BNA_F

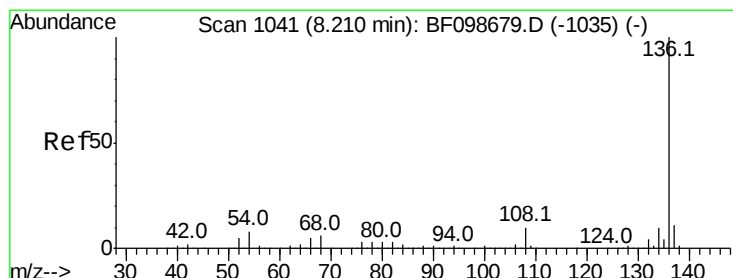
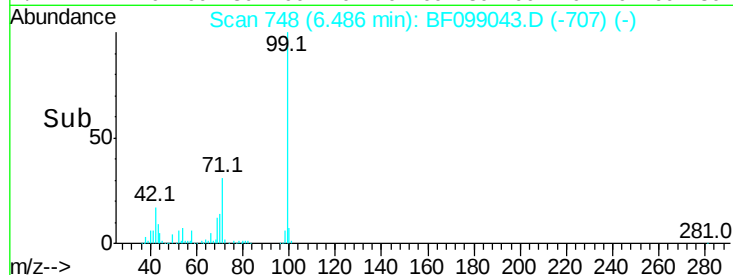
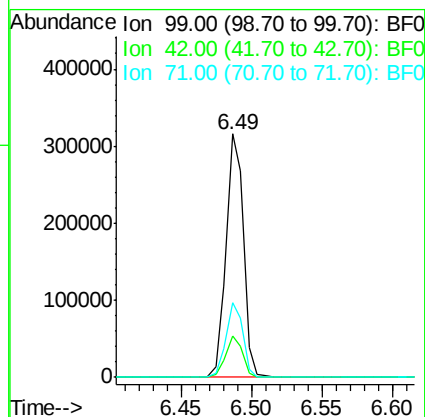
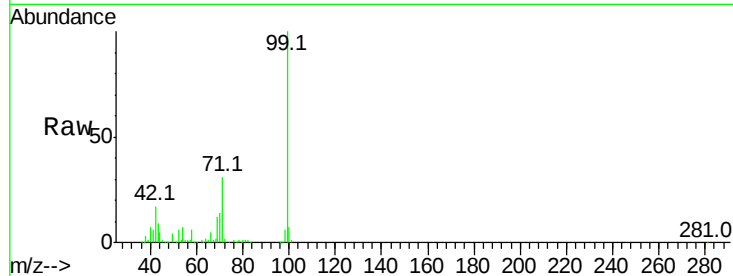
ClientSampleId :

G-62A-2.5-5RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		269756		
42	16.9	14.5	21.7		
71	30.6	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

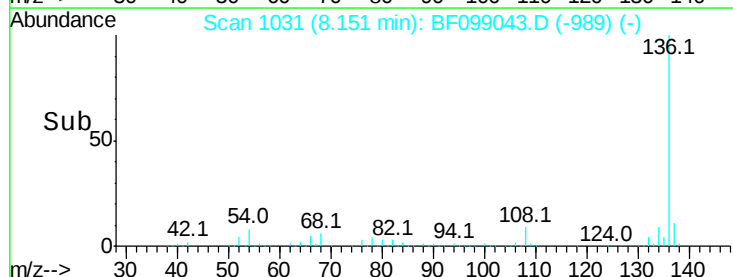
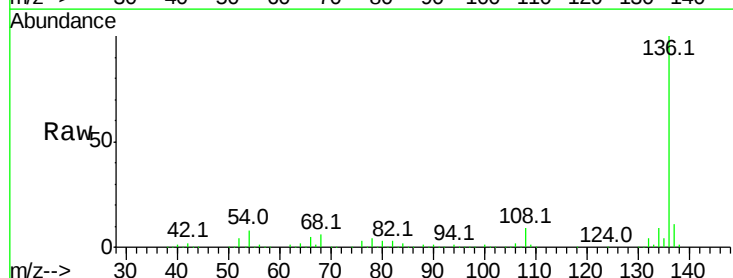
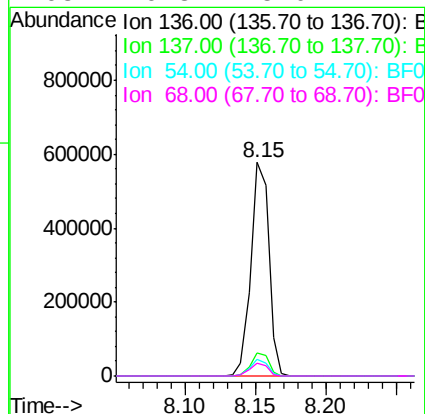
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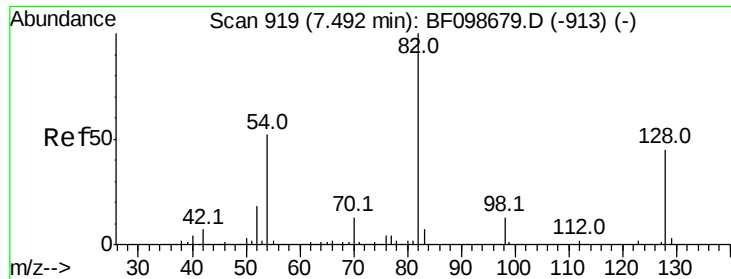
Delta R.T. -0.05 min

Lab File: BF099043.D

Acq: 3 Oct 2017 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		520022		
137	10.9	8.9	13.3		
54	8.0	6.6	9.8		
68	6.3	5.0	7.4		





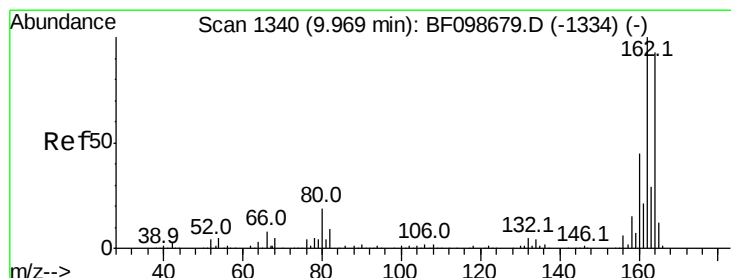
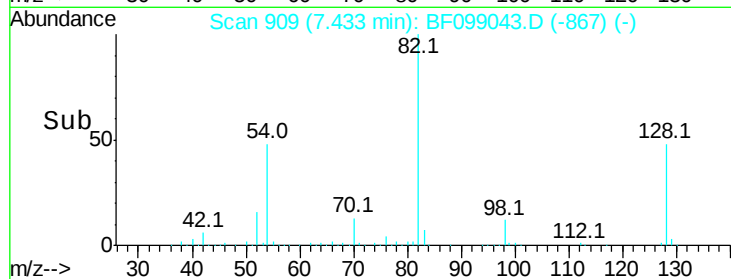
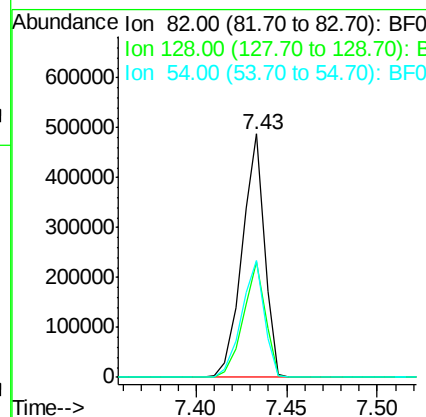
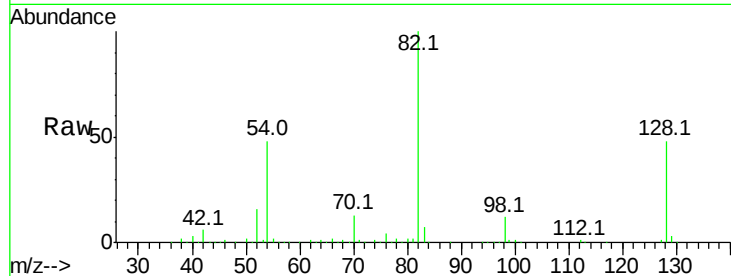
#23
 Nitrobenzene-d5
 Concen: 51.391 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.05 min
 Lab File: BF099043.D
 Acq: 3 Oct 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-2.5-5RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	48.3	41.4	62.2

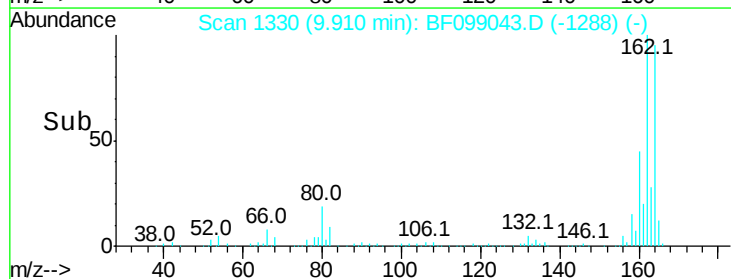
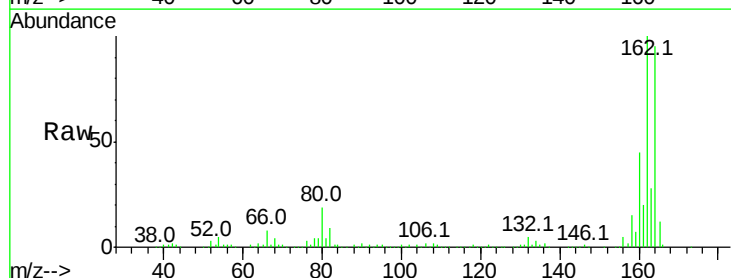
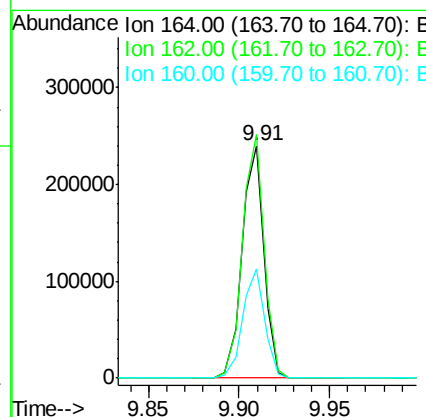
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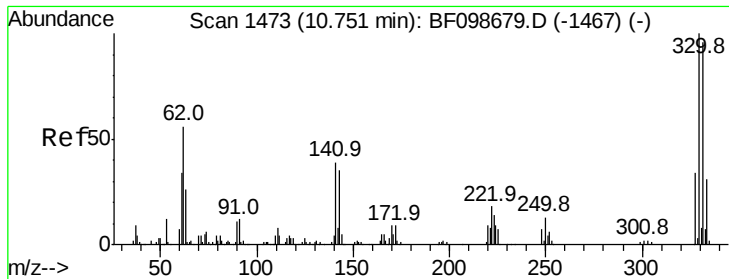
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099043.D
 Acq: 3 Oct 2017 21:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.0	38.3	57.5





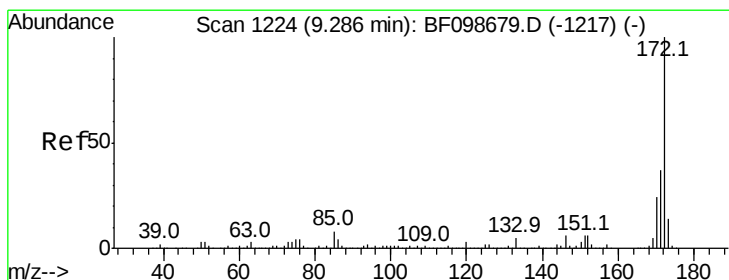
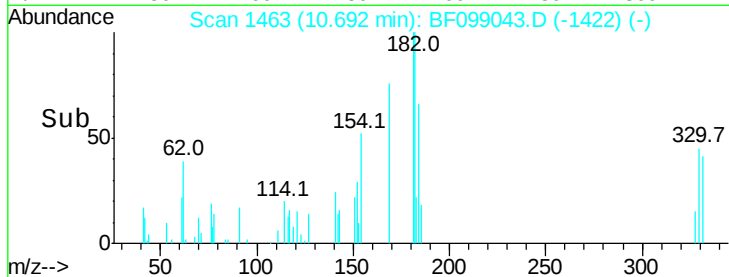
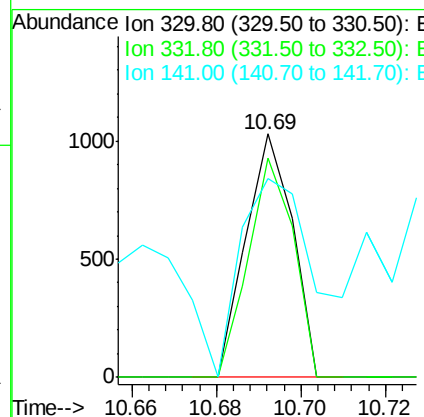
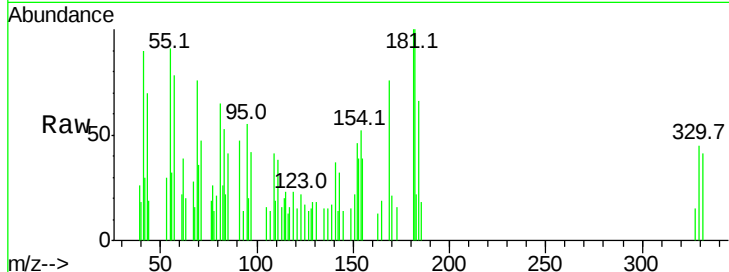
#41
 2,4,6-Tribromophenol
 Concen: 0.480 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099043.D
 Acq: 3 Oct 2017 21:16

Instrument :
 BNA_F
 ClientSampled :
 G-62A-2.5-5RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	87.7	77.0	115.6
141	132.4	29.9	44.9#

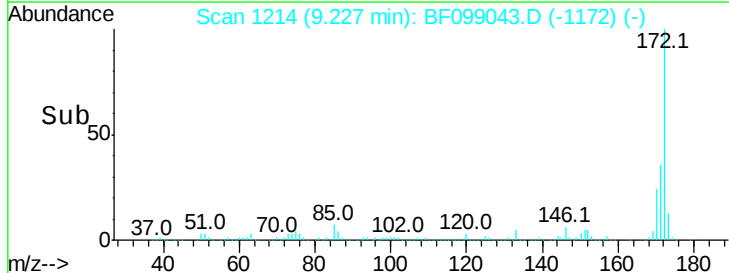
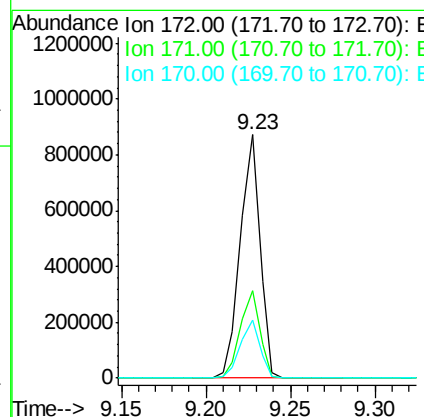
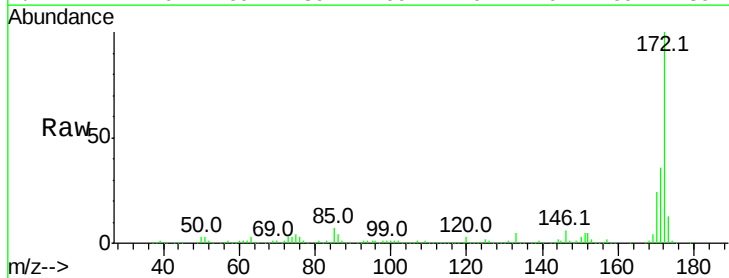
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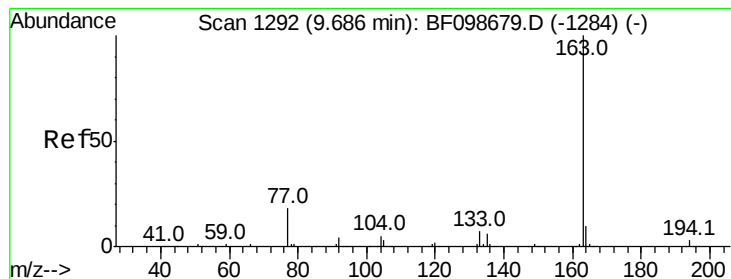
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#44
 2-Fluorobiphenyl
 Concen: 59.286 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099043.D
 Acq: 3 Oct 2017 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 7.891 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.06 min

Lab File: BF099043.D

Acq: 3 Oct 2017 21:16

Instrument :

BNA_F

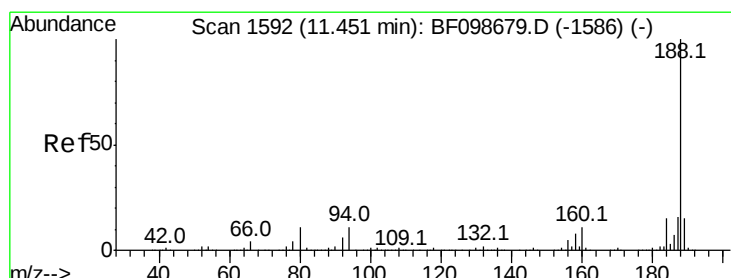
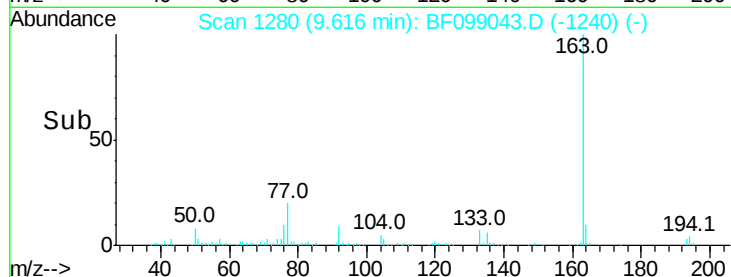
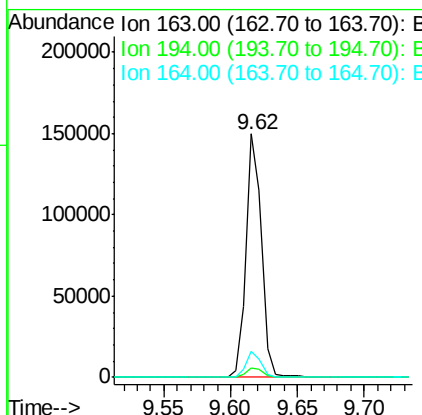
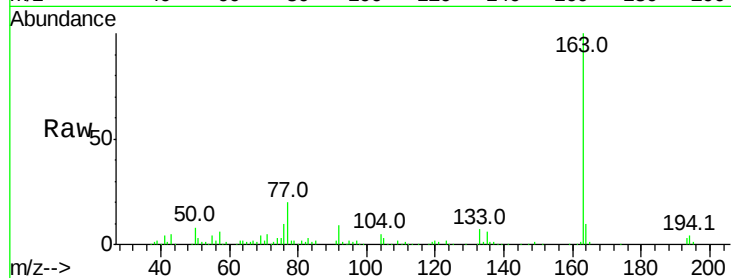
ClientSampleId :

G-62A-2.5-5RE

Tot Ion:	163	Resp:	119398
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

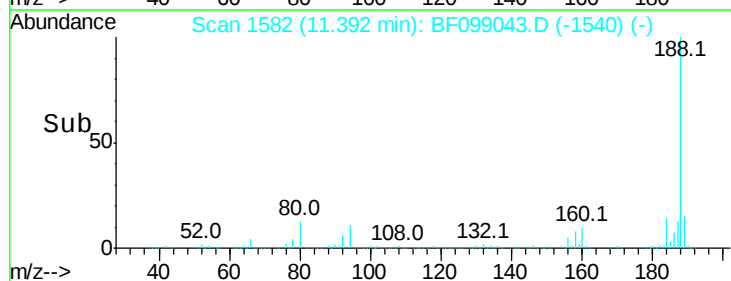
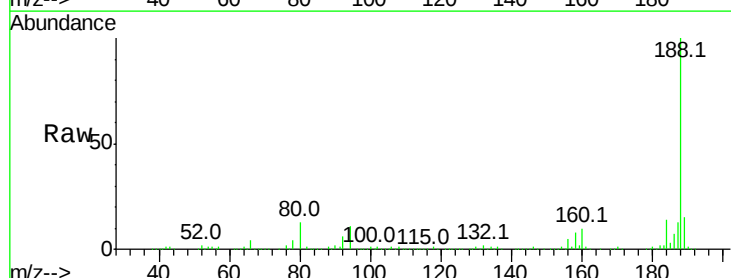
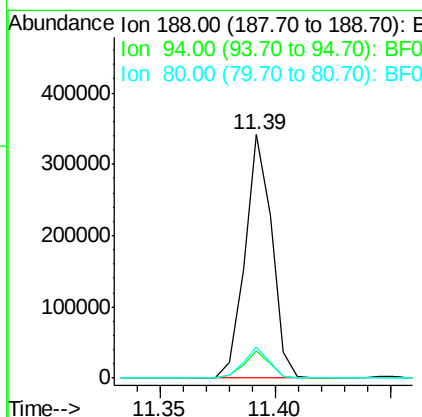
RT: 11.39 min Scan# 1582

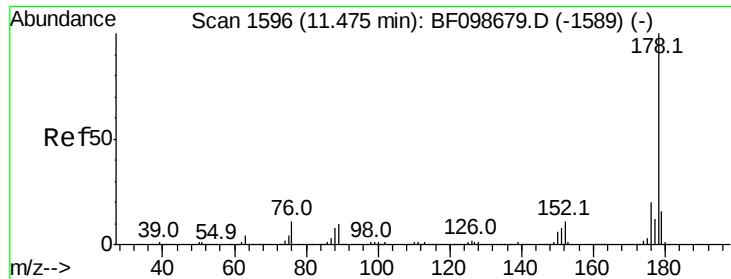
Delta R.T. -0.05 min

Lab File: BF099043.D

Acq: 3 Oct 2017 21:16

Tgt Ion:	188	Resp:	277078
Ion Ratio	Lower	Upper	
188	100		
94	11.4	8.5	12.7
80	12.7	9.2	13.8





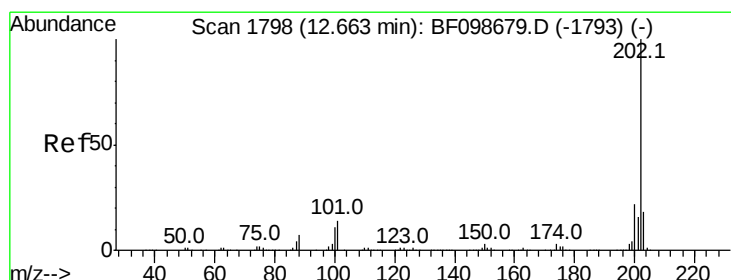
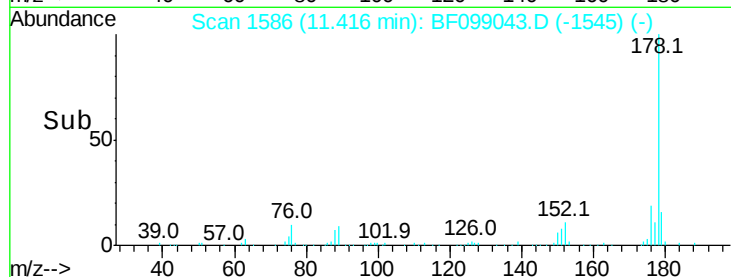
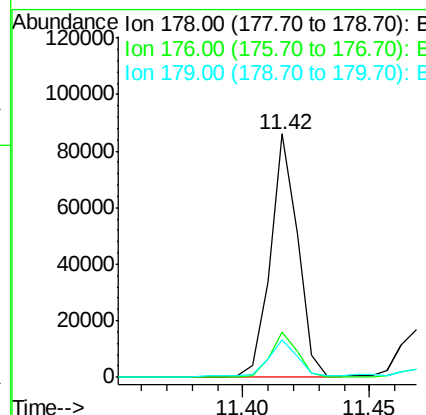
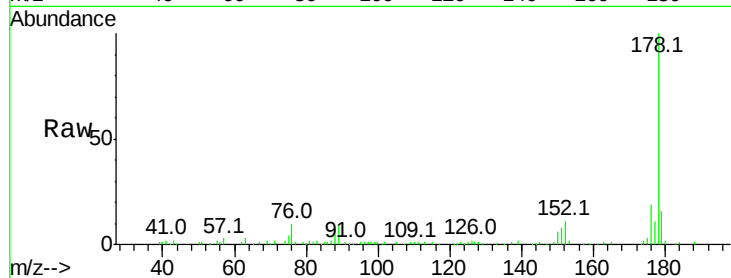
#70
Phenanthrene
Concen: 4.401 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.06 min
Lab File: BF099043.D
Acq: 3 Oct 2017 21:16

Instrument :
BNA_F
ClientSampleId :
G-62A-2.5-5RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.5	13.0	19.6

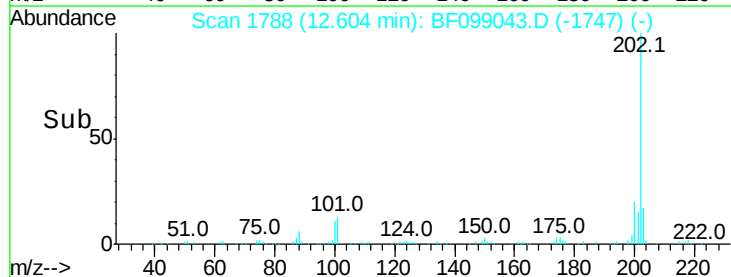
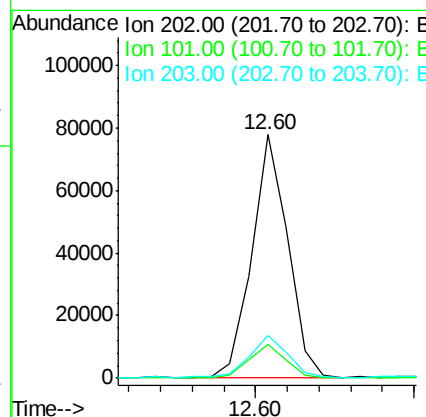
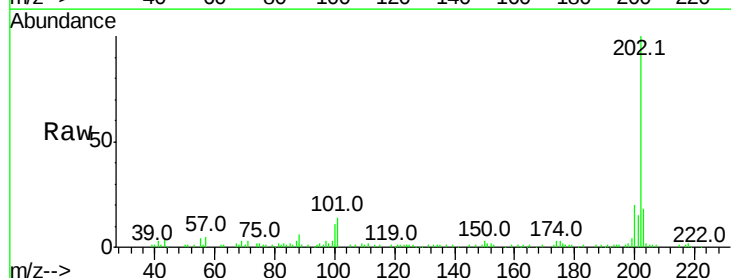
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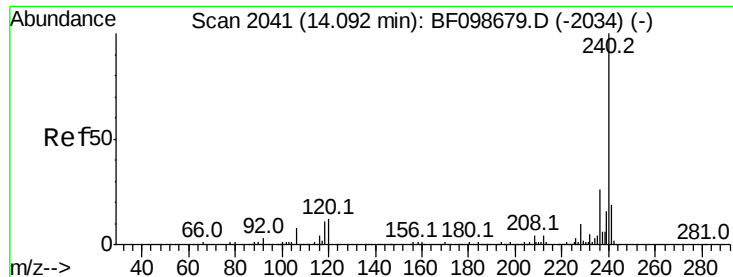
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#74
Fluoranthene
Concen: 4.086 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.06 min
Lab File: BF099043.D
Acq: 3 Oct 2017 21:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099043.D

Acq: 3 Oct 2017 21:16

Instrument :

BNA_F

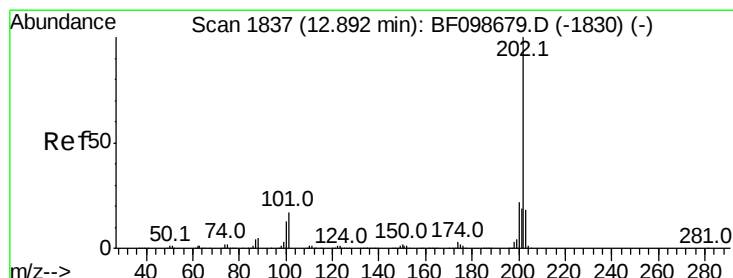
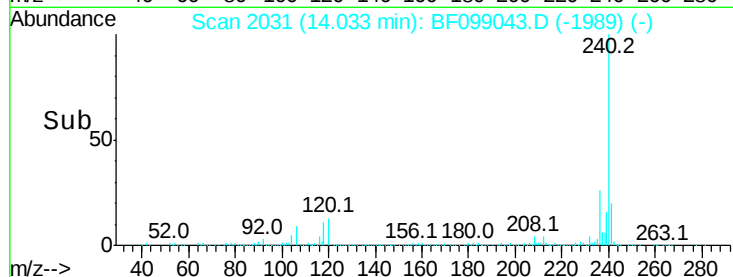
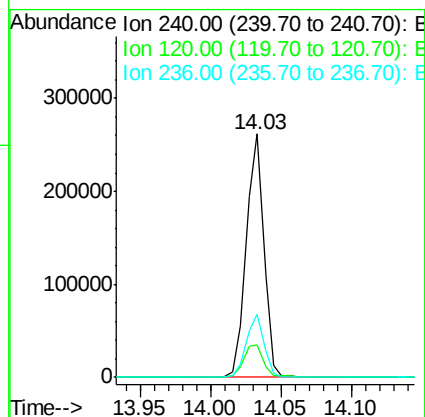
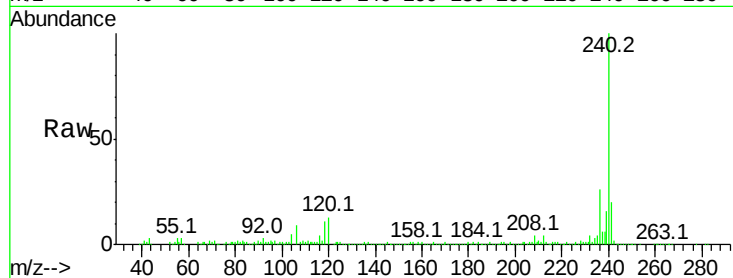
ClientSampleId :

G-62A-2.5-5RE

Tot Ion:	240	Resp:	228847
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.479 ng

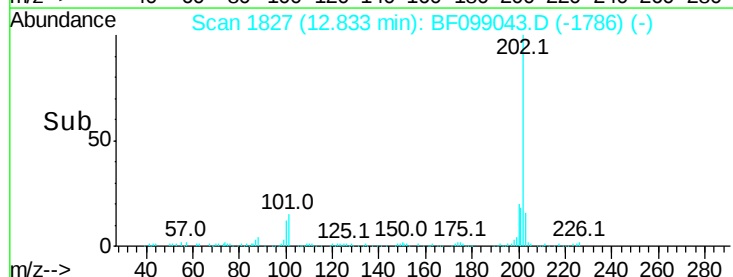
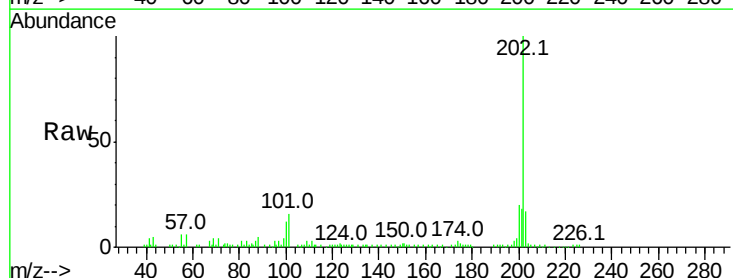
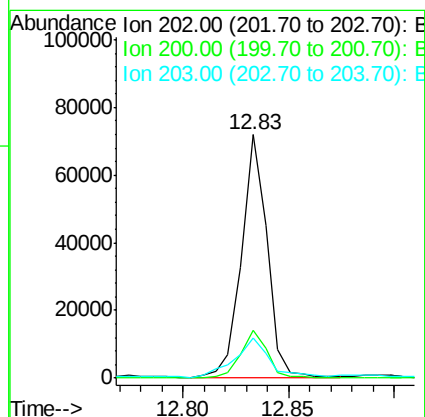
RT: 12.83 min Scan# 1827

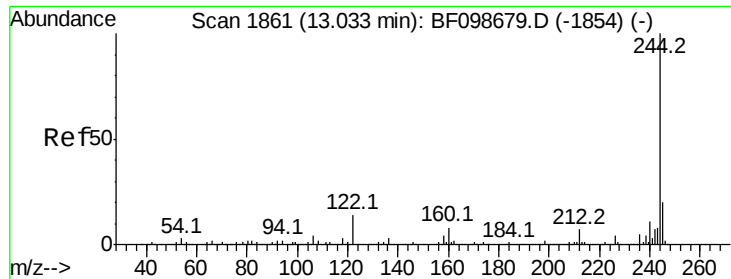
Delta R.T. -0.06 min

Lab File: BF099043.D

Acq: 3 Oct 2017 21:16

Tgt Ion:	202	Resp:	60707
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.4	26.2
203	16.7	14.3	21.5





#78

Terphenyl-d14

Concen: 40.173 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099043.D

Acq: 3 Oct 2017 21:16

Instrument :

BNA_F

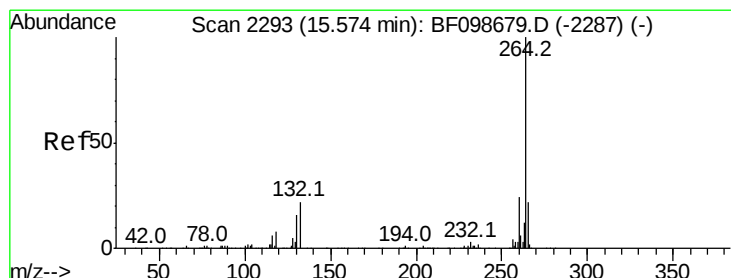
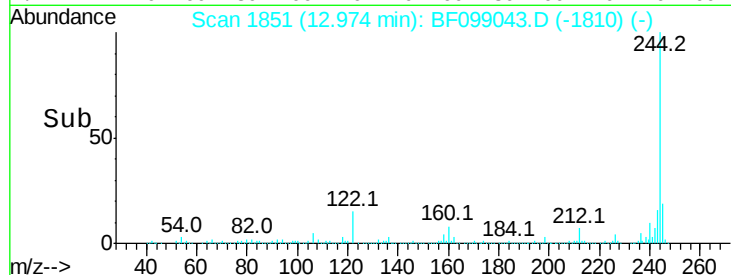
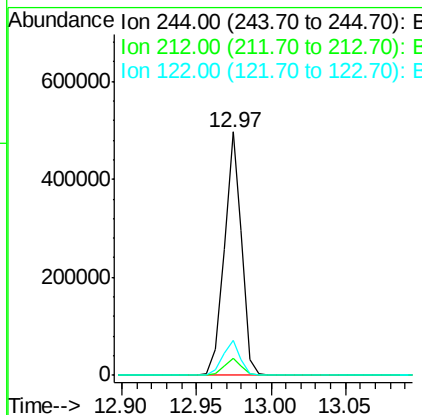
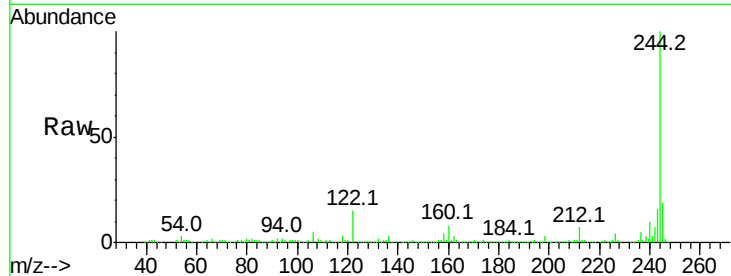
ClientSampleId :

G-62A-2.5-5RE

Tot Ion:	244	Resp:	404249
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	14.5	11.0	16.4

Manual Integrations
APPROVED

Sohil
10/4/2017 7:21:22 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.06 min

Lab File: BF099043.D

Acq: 3 Oct 2017 21:16

Tgt Ion:	264	Resp:	250318
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.8	17.5	26.3

