

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099017.D
 Acq On : 2 Oct 2017 23:20
 Operator : SJ/JU
 Sample : I5531-11 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 10/3/2017 6:51:06 PM

Quant Time: Oct 03 04:24:51 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	6.90	152	122158	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	452096	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	168498	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	256533	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	254298	20.00	ng	-0.01
86) Perylene-d12	15.57	264	211729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	19139	2.49	ng	-0.02
7) Phenol-d6	6.52	99	240914	25.45	ng	-0.02
23) Nitrobenzene-d5	7.46	82	361358	51.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	1007	0.73	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	609403	60.38	ng	-0.02
78) Terphenyl-d14	13.02	244	447458	40.02	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.65	163	98439	7.741	ng	Qvalue # 98
70) Phenanthrene	11.45	178	62620	4.560	ng	97
74) Fluoranthene	12.64	202	68719	4.942	ng	99
77) Pyrene	12.87	202	65279	3.366	ng	98
82) Chrysene	14.10	228	29709	2.027	ng	97
87) Benzo(b)fluoranthene	15.12	252	29741m	2.285	ng	

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

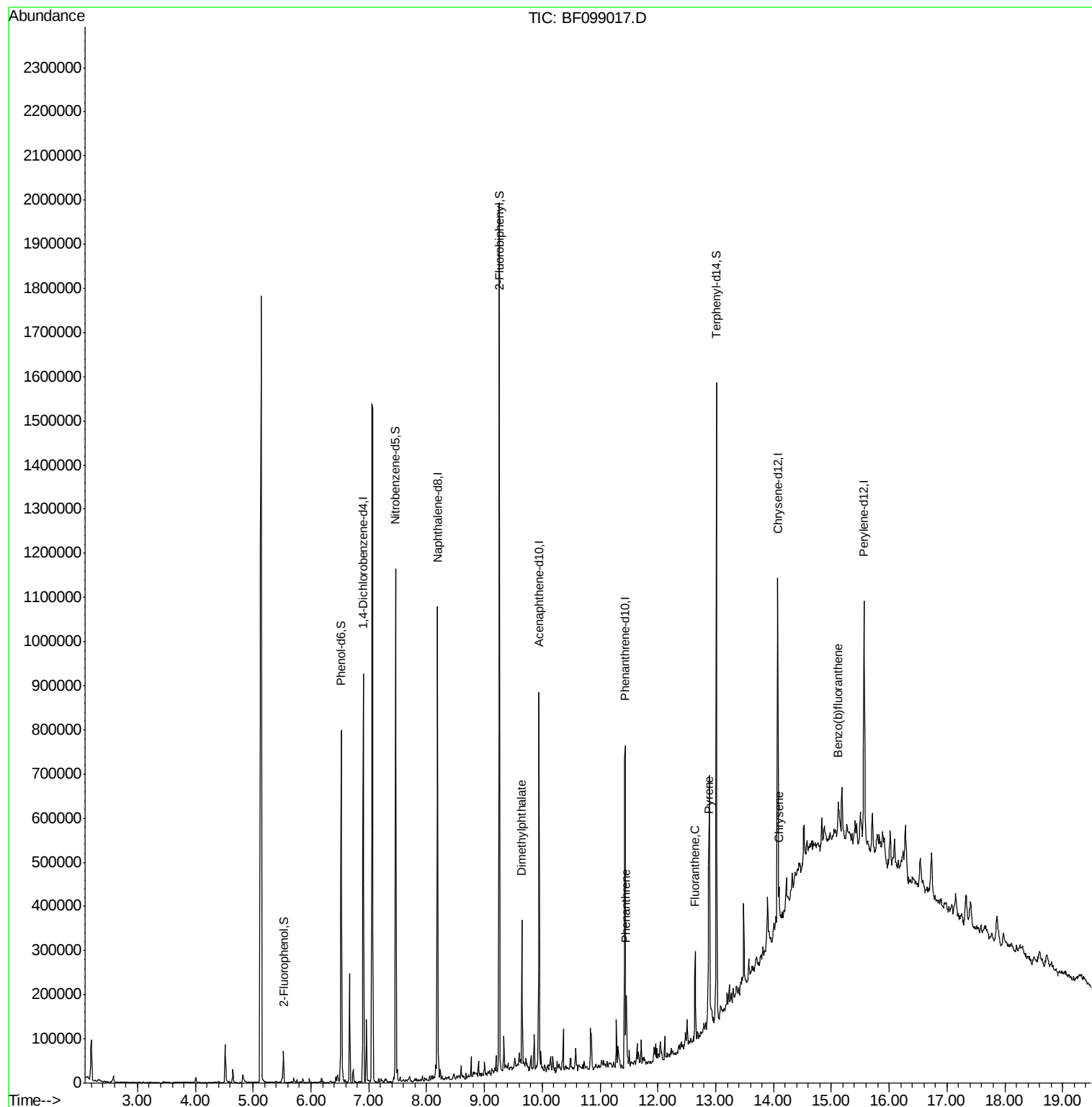
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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G-62A-2.5-5

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#1

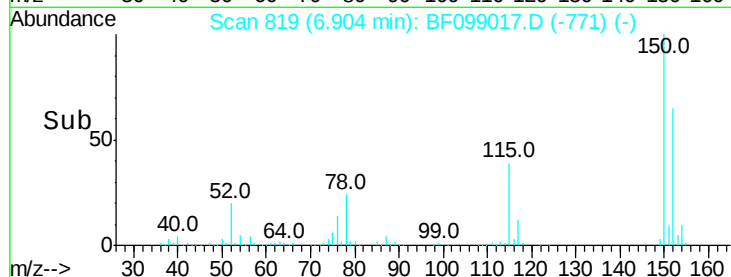
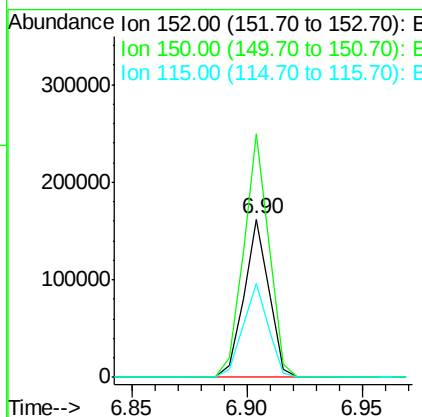
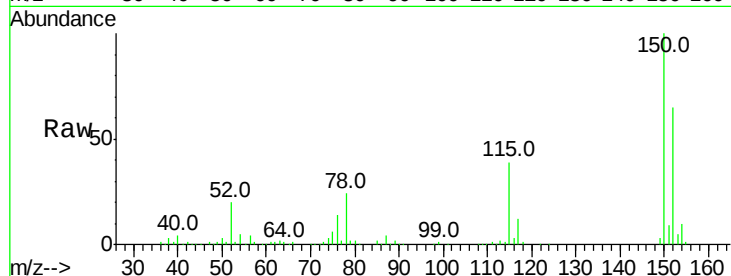
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	59.7	50.1	75.1

Manual Integrations
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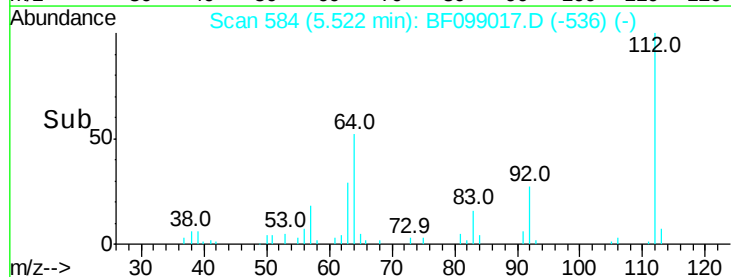
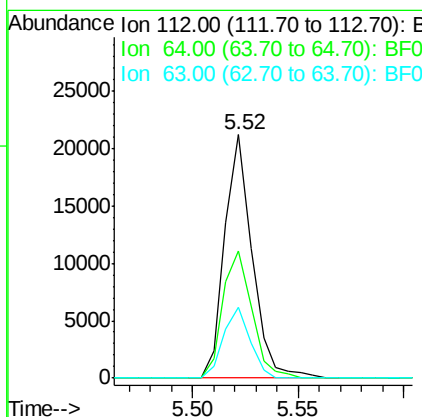
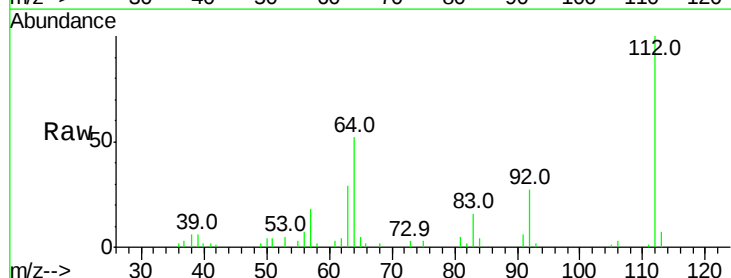
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#5

2-Fluorophenol
Concen: 2.494 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 25.449 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF099017.D

Acq: 2 Oct 2017 23:20

Instrument :

BNA_F

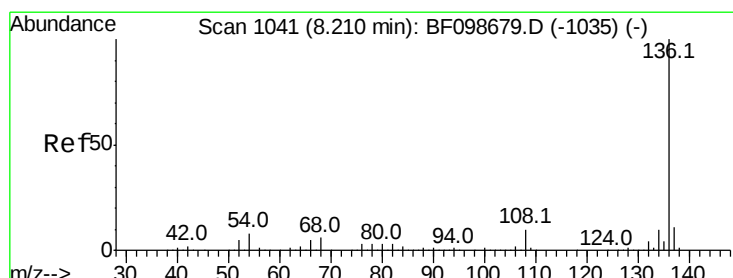
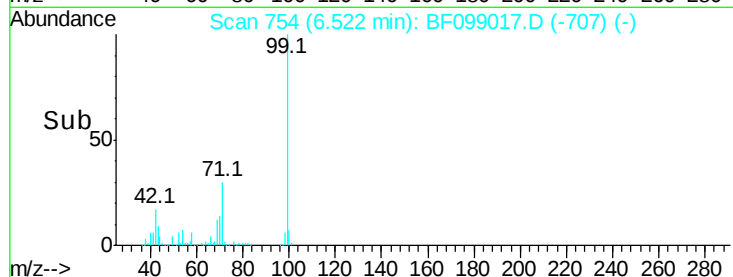
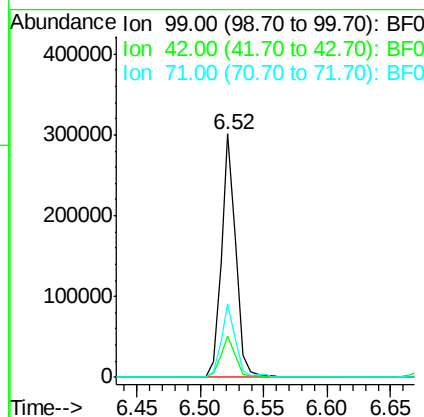
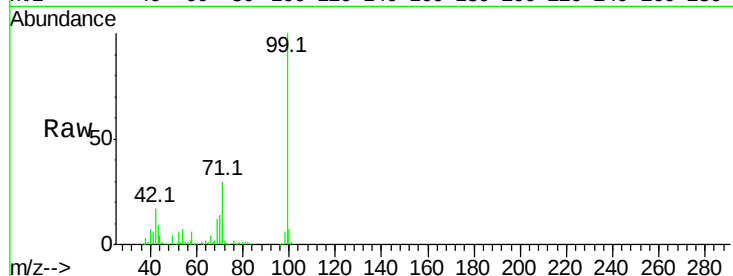
ClientSampleId :

G-62A-2.5-5

Tot Ion:	99	Resp:	240914
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.5	21.7
71	30.4	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

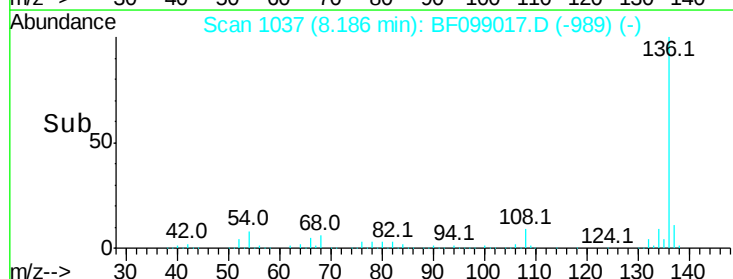
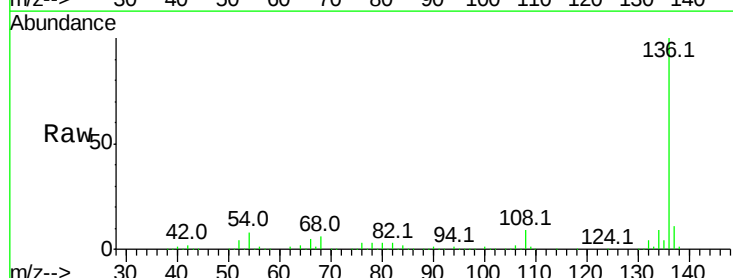
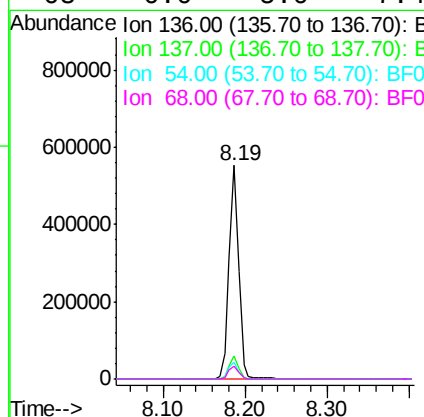
RT: 8.19 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF099017.D

Acq: 2 Oct 2017 23:20

Tgt Ion:	136	Resp:	452096
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.0	5.0	7.4





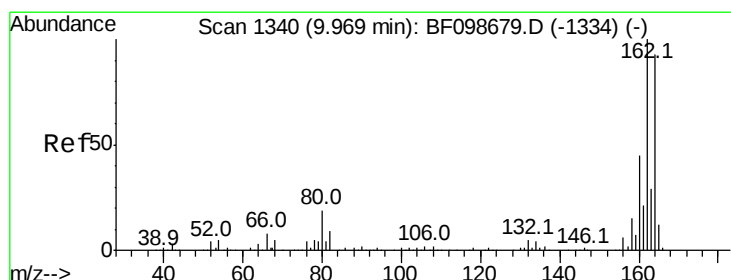
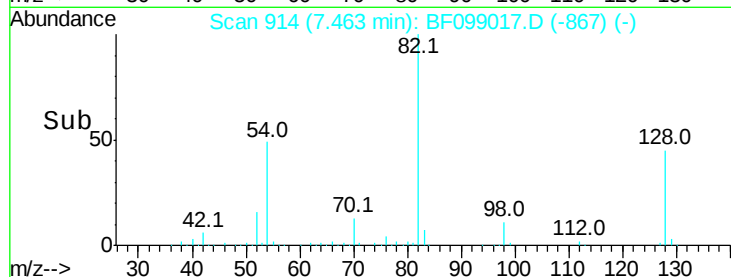
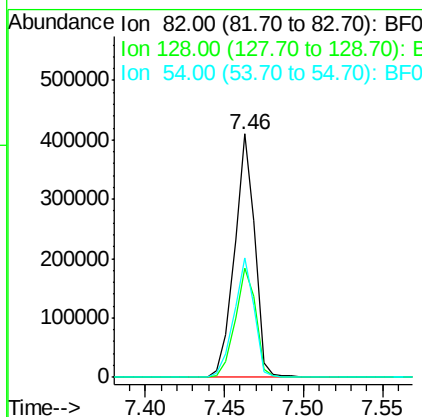
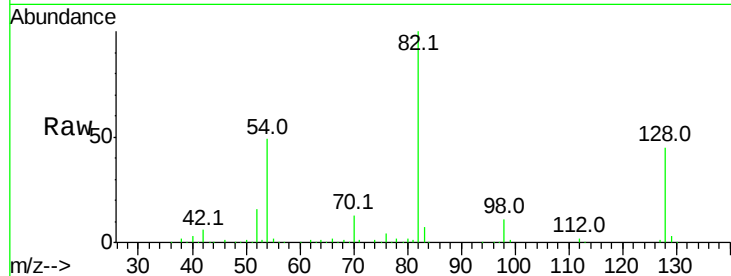
#23
Nitrobenzene-d5
Concen: 51.259 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	36.1	54.1	
54	48.8	41.4	62.2	

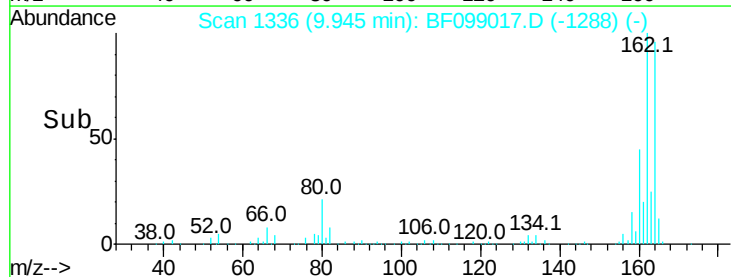
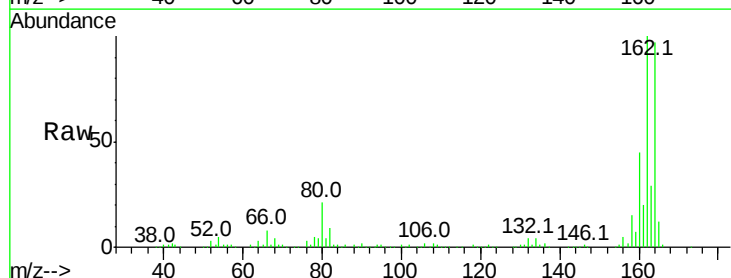
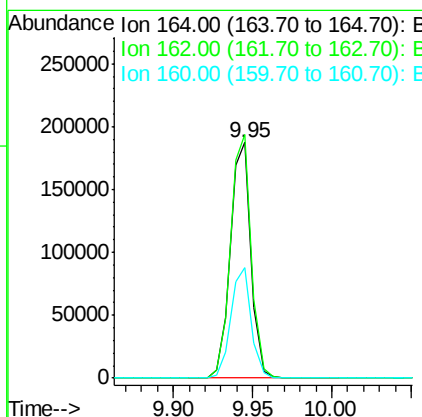
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	86.1	129.1	
160	46.8	38.3	57.5	





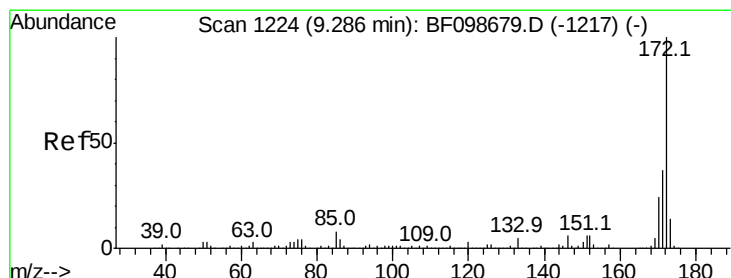
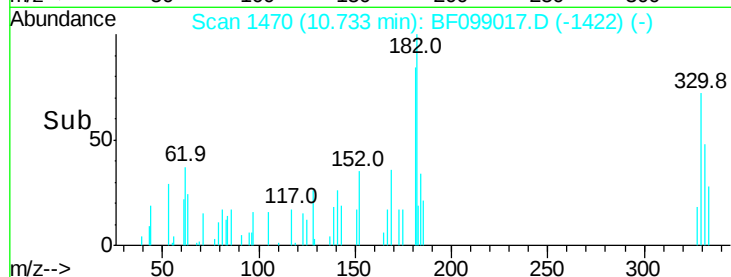
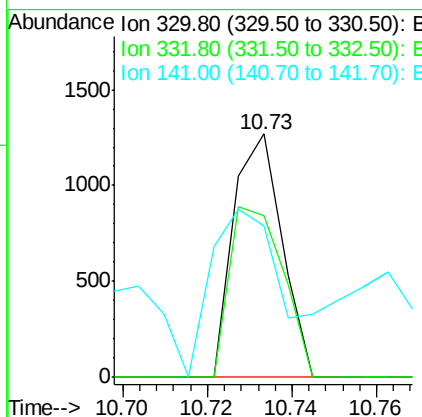
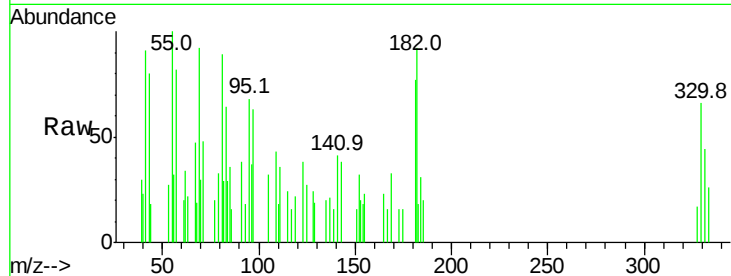
#41
 2,4,6-Tribromophenol
 Concen: 0.730 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF099017.D
 Acq: 2 Oct 2017 23:20

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	77.7	77.0	115.6
141	104.9	29.9	44.9#

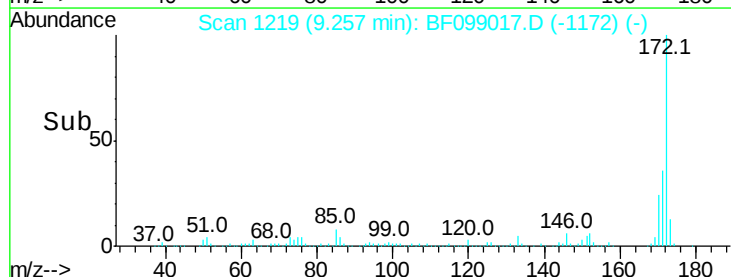
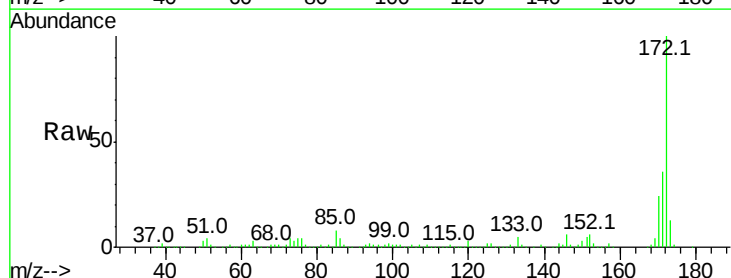
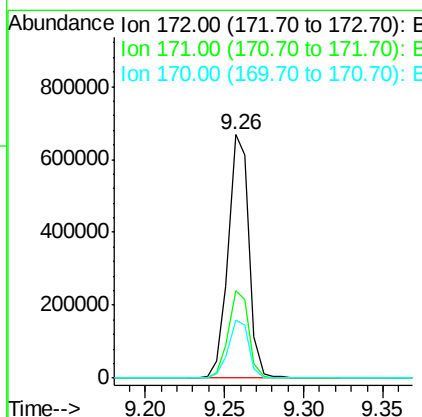
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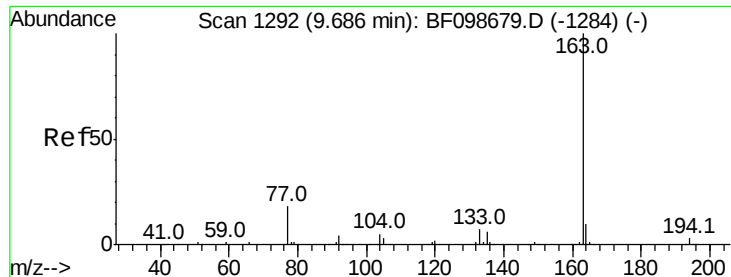
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#44
 2-Fluorobiphenyl
 Concen: 60.377 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF099017.D
 Acq: 2 Oct 2017 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4





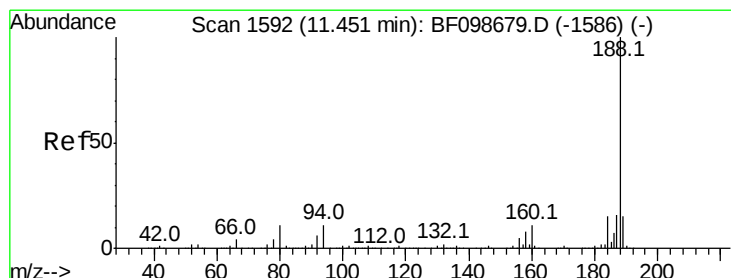
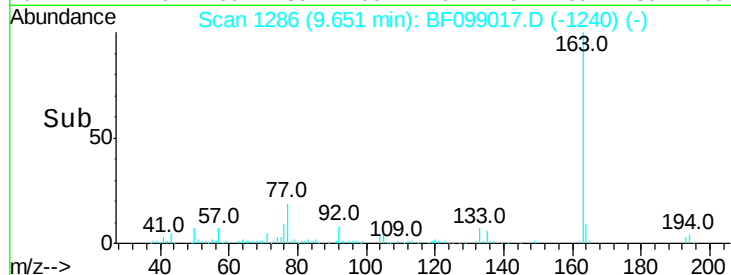
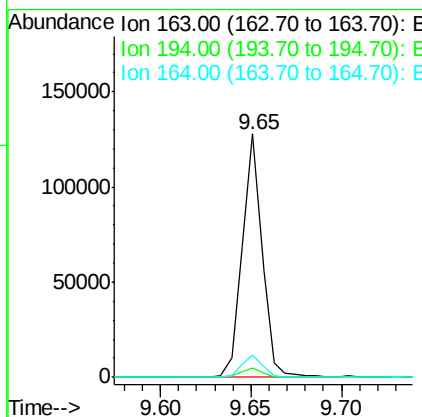
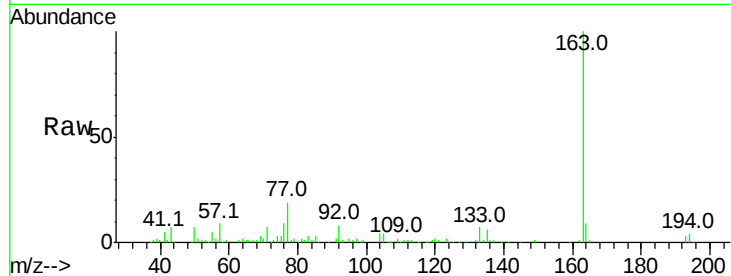
#49
Dimethylphthalate
Concen: 7.741 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	9.3	8.2	12.2	

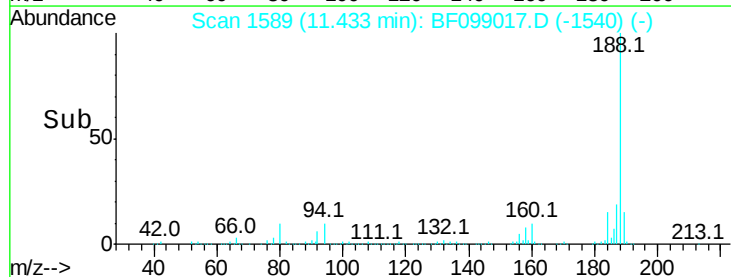
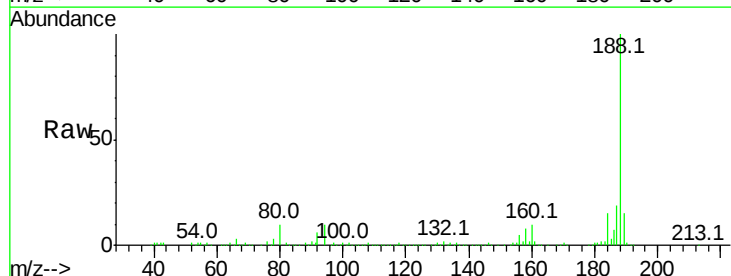
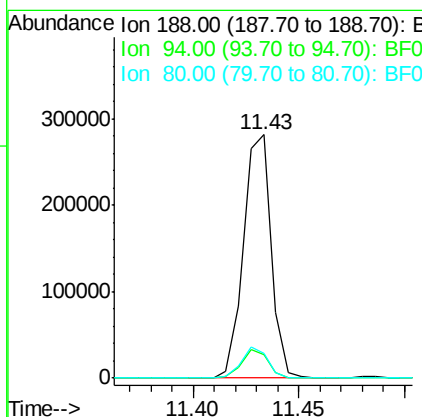
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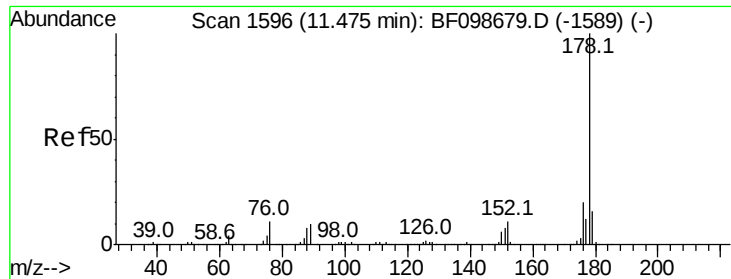
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	8.5	12.7	
80	10.4	9.2	13.8	





#70

Phenanthrene

Concen: 4.560 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BF099017.D

Acq: 2 Oct 2017 23:20

Instrument :

BNA_F

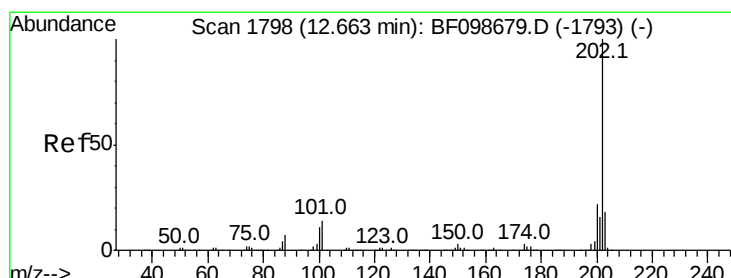
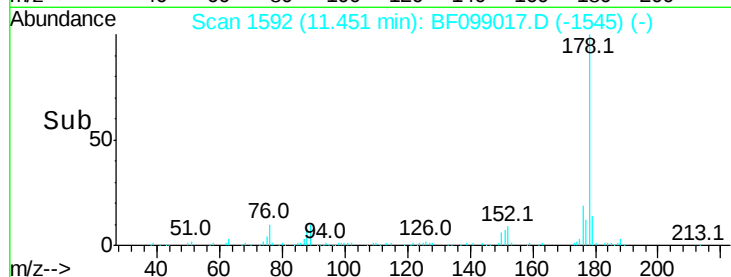
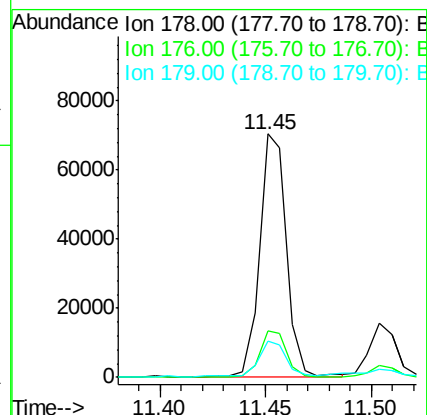
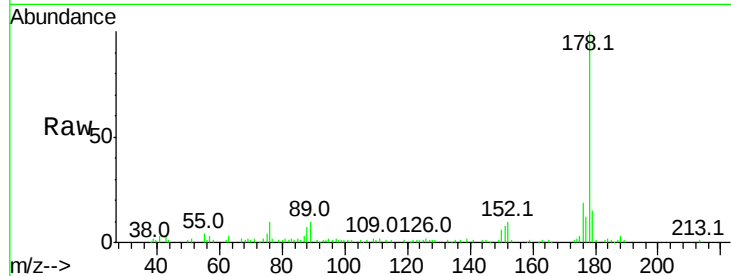
ClientSampleId :

G-62A-2.5-5

Tot Ion:	178	Resp:	62620
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.0	13.0	19.6

Manual Integrations
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#74

Fluoranthene

Concen: 4.942 ng

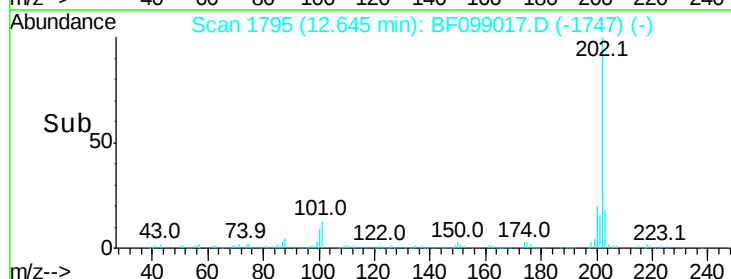
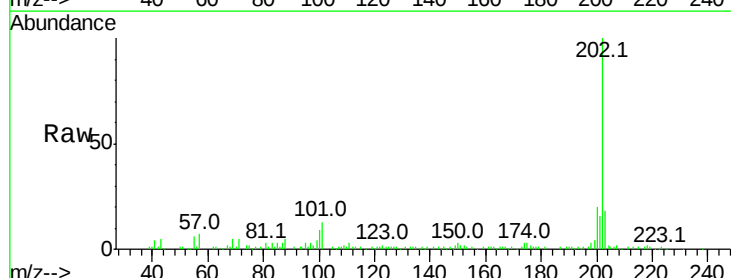
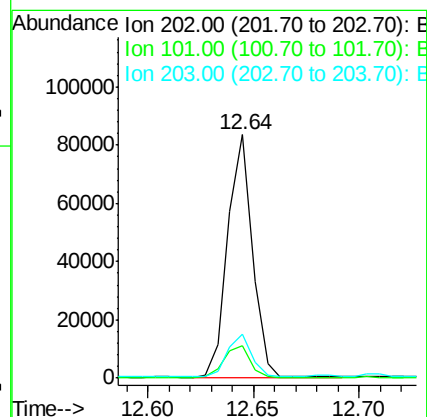
RT: 12.64 min Scan# 1795

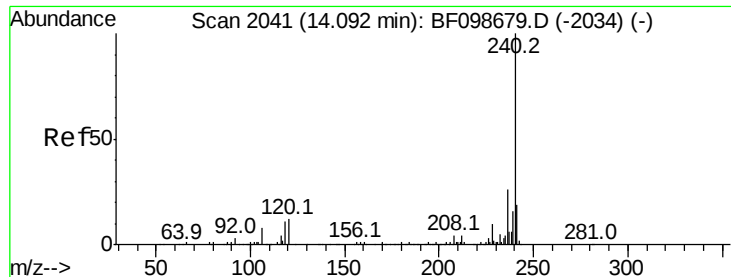
Delta R.T. -0.02 min

Lab File: BF099017.D

Acq: 2 Oct 2017 23:20

Tgt Ion:	202	Resp:	68719
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF099017.D

Acq: 2 Oct 2017 23:20

Instrument :

BNA_F

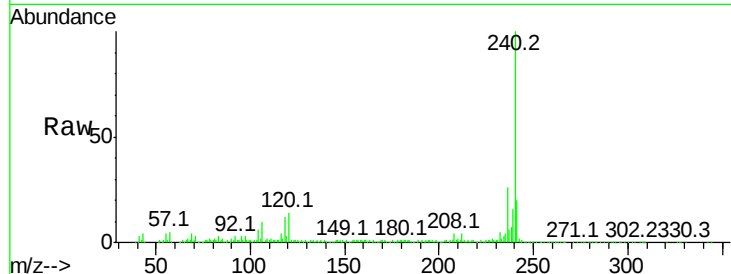
ClientSampleId :

G-62A-2.5-5

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.4	9.5	14.3#	
236	26.4	20.7	31.1	

Manual Integrations
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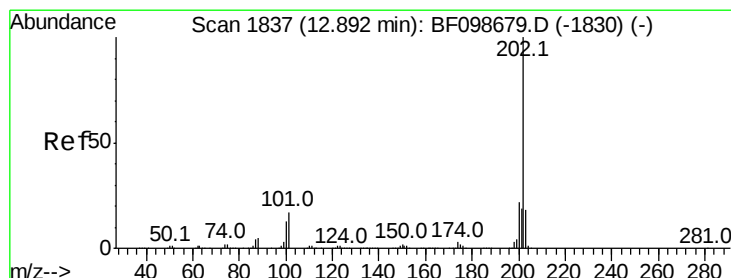
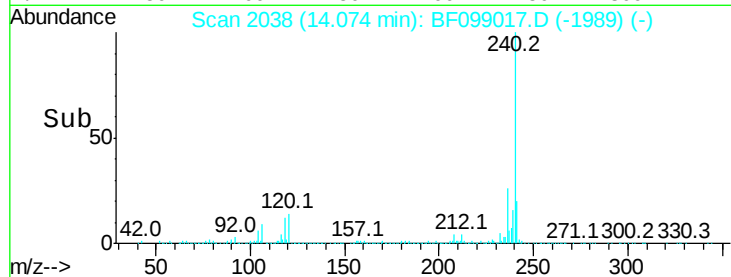
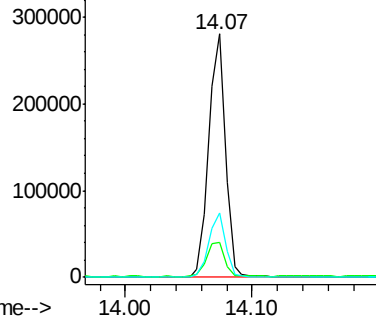
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.366 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF099017.D

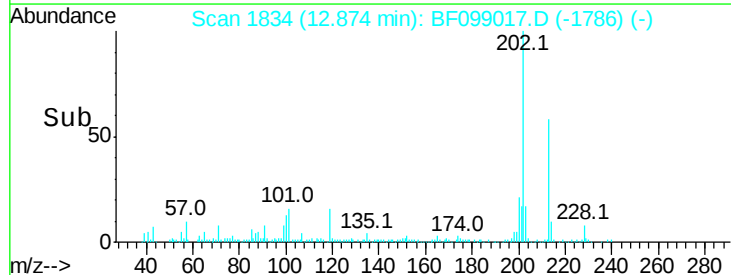
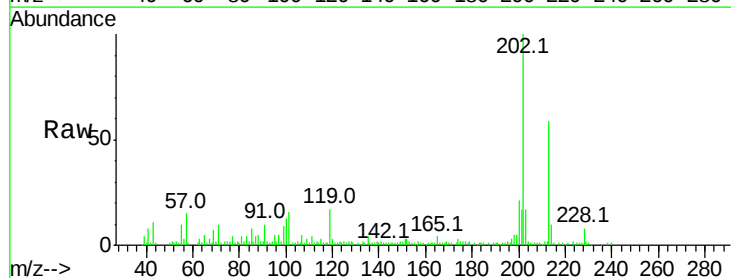
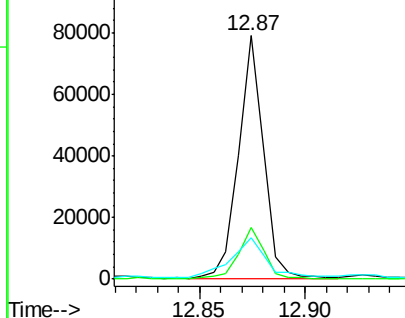
Acq: 2 Oct 2017 23:20

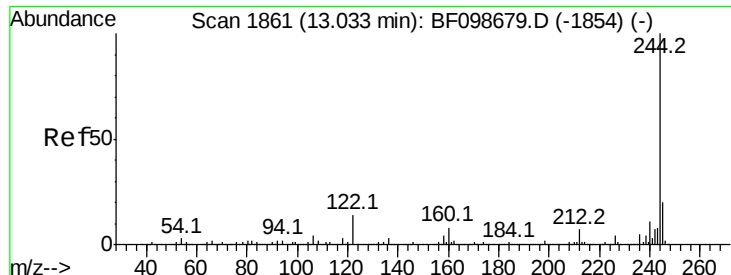
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.4	26.2	
203	17.2	14.3	21.5	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





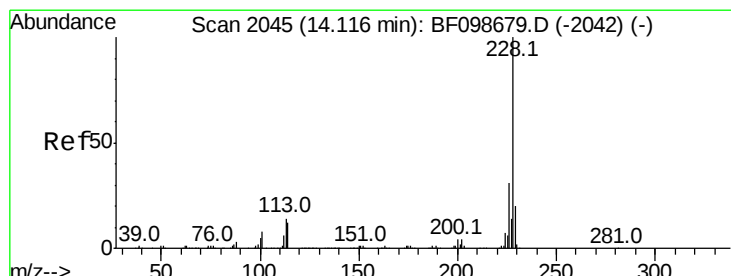
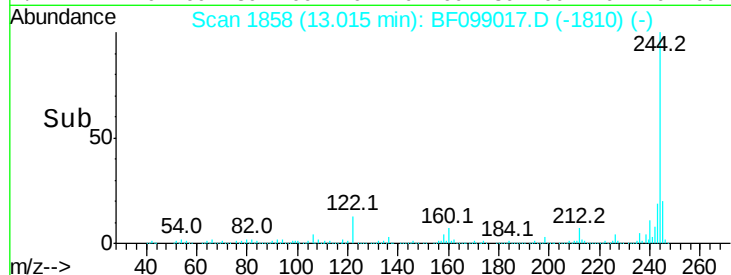
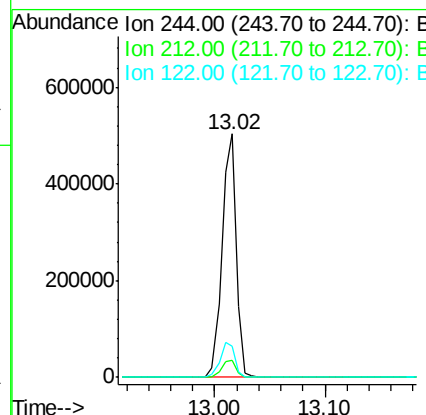
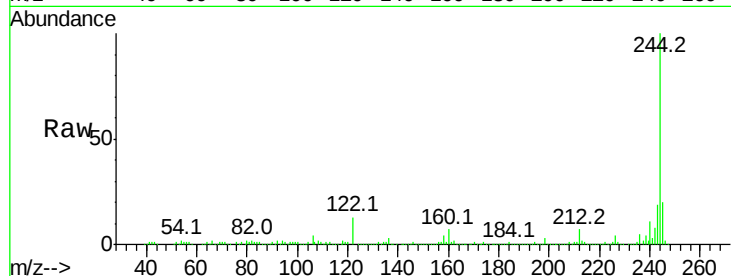
#78
 Terphenyl-d14
 Concen: 40.016 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. -0.02 min
 Lab File: BF099017.D
 Acq: 2 Oct 2017 23:20

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.8	11.0	16.4

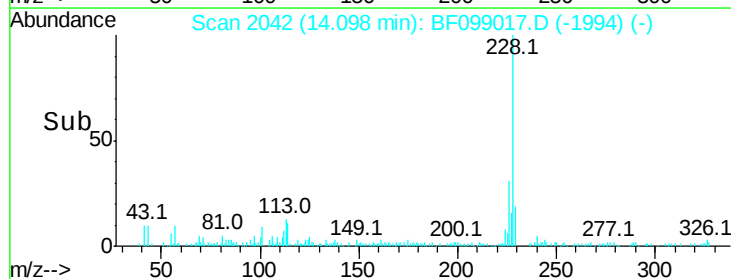
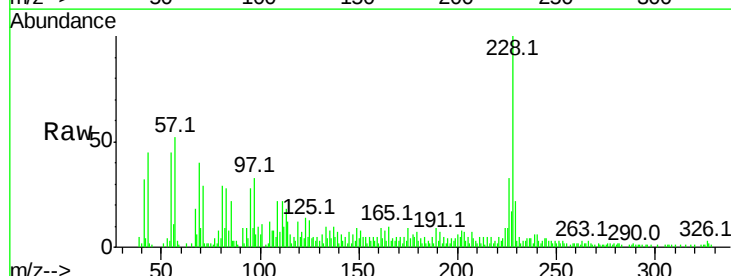
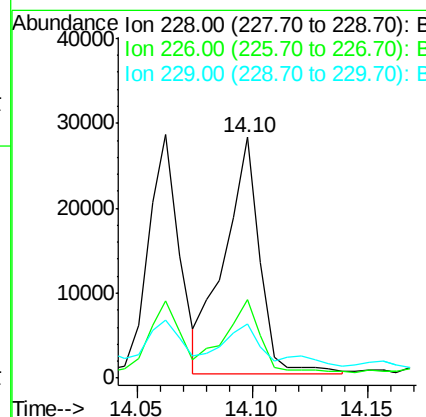
Manual Integrations
 APPROVED

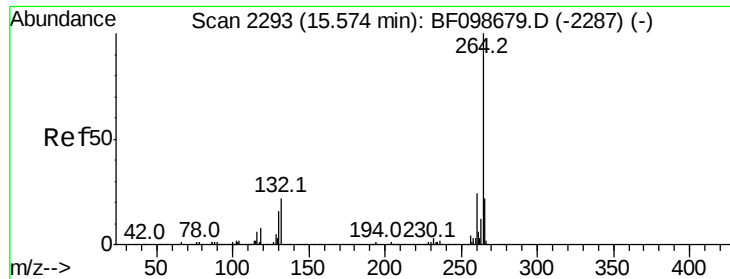
Sohil
 10/3/2017 6:51:06 PM



#82
 Chrysene
 Concen: 2.027 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.02 min
 Lab File: BF099017.D
 Acq: 2 Oct 2017 23:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	22.4	16.2	24.4





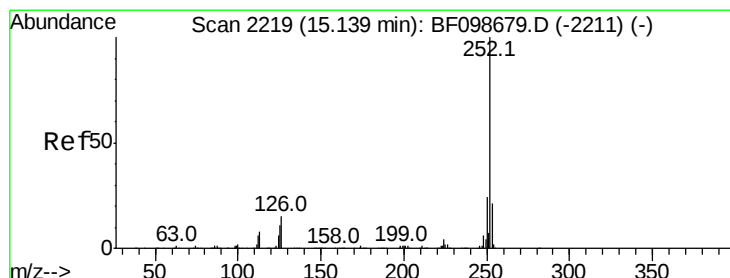
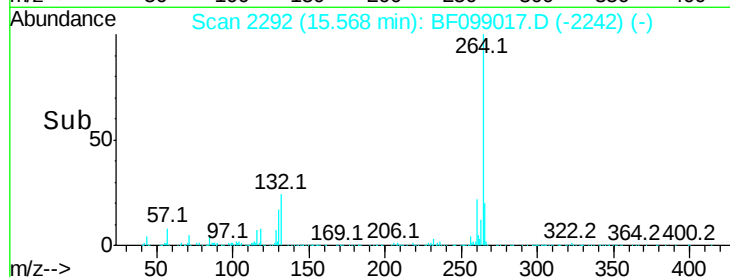
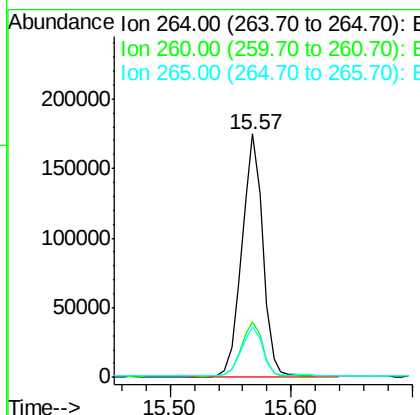
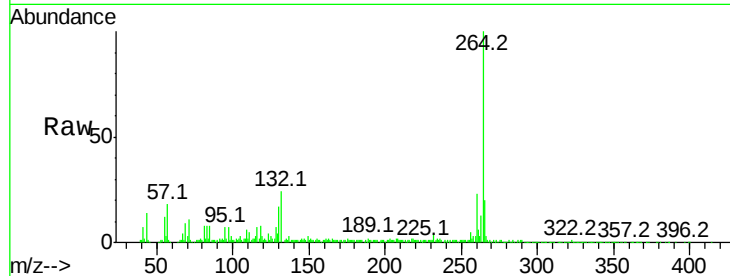
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
10/3/2017 6:51:06 PM



#87
Benzo(b)fluoranthene
Concen: 2.285 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.0	25.6#
125	37.3	9.0	13.6#

