

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097527.D
 Acq On : 9 Aug 2017 20:38
 Operator : SJ/JU
 Sample : I4658-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSW

Manual Integrations
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Sohil
 8/10/2017 6:07:36 PM

Quant Time: Aug 10 13:22:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	107700	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	438523	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	190285	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	295871	20.00	ng	-0.02
75) Chrysene-d12	13.53	240	171122	20.00	ng	-0.01
86) Perylene-d12	14.86	264	169946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	601474	84.19	ng	-0.02
7) Phenol-d6	6.07	99	699039	85.71	ng	-0.02
23) Nitrobenzene-d5	6.97	82	393530	52.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	120954	80.45	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	626765	55.90	ng	-0.02
78) Terphenyl-d14	12.48	244	402778	47.99	ng	-0.02
Target Compounds						
11) bis(2-Chloroethyl)ether	6.15	93	15358	2.007	ng	88
49) Dimethylphthalate	9.16	163	128680	8.905	ng	100
74) Fluoranthene	12.10	202	33534	2.159	ng	95
77) Pyrene	12.33	202	36807m	2.627	ng	
87) Benzo(b)fluoranthene	14.52	252	21162m	2.071	ng	

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

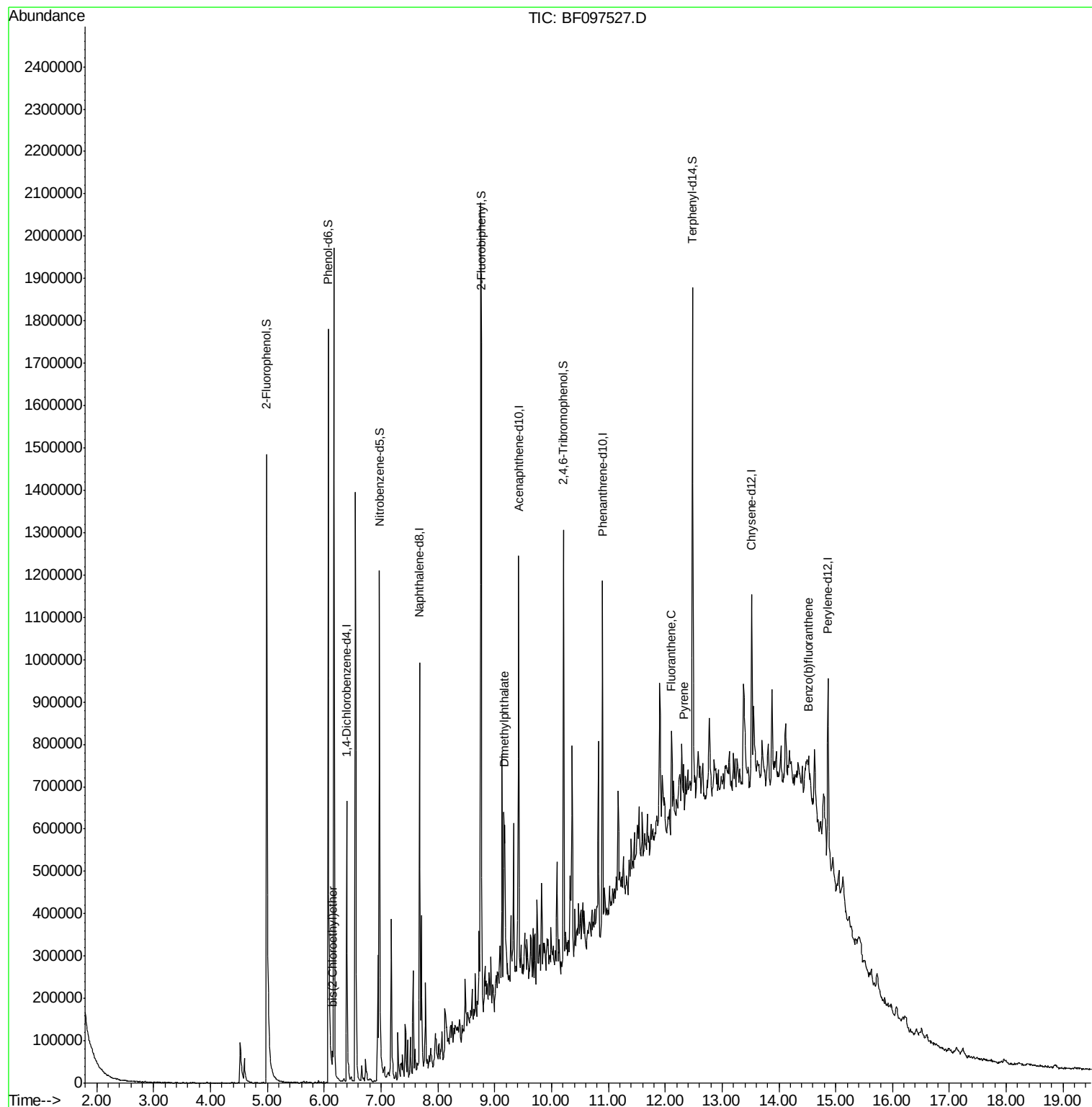
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
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ALS Vial : 6 Sample Multiplier: 1

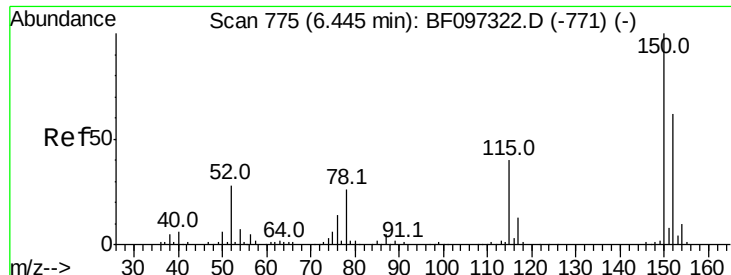
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSW

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#1

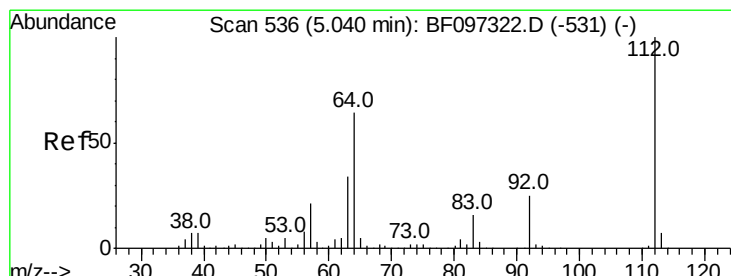
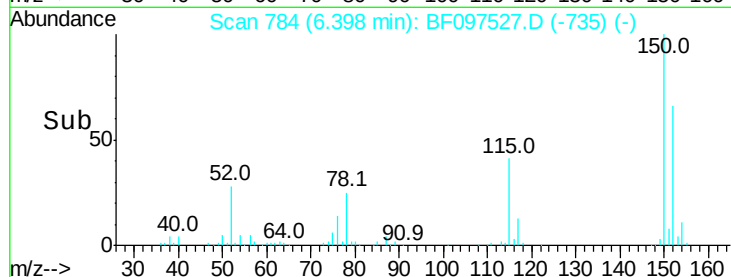
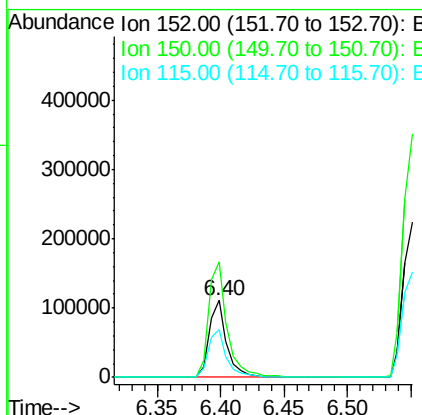
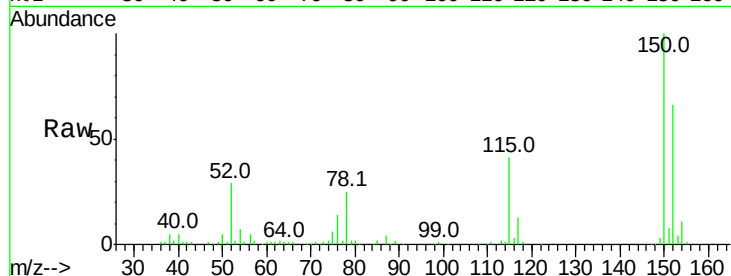
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097527.D
Acq: 9 Aug 2017 20:38

Instrument :
BNA_F
ClientSampleId :
E2-L9-SSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.2	189.2
115	61.5	52.2	78.2

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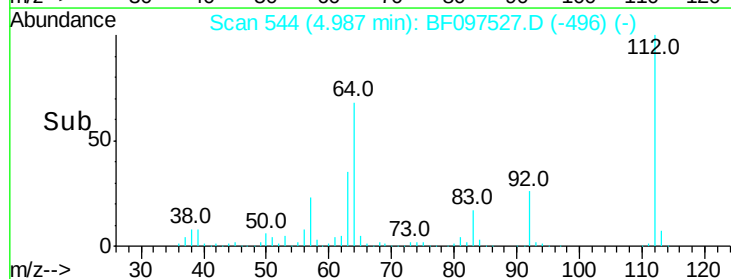
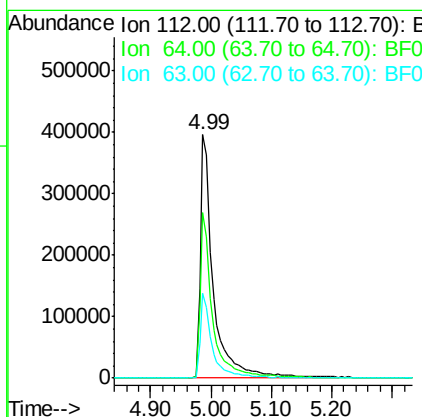
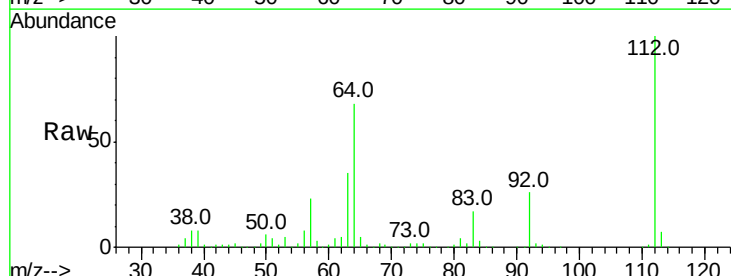
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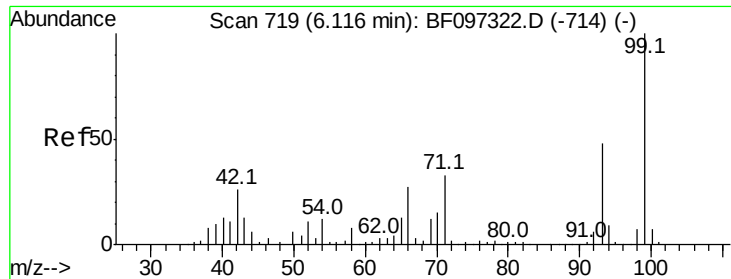


#5

2-Fluorophenol
Concen: 84.189 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097527.D
Acq: 9 Aug 2017 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	46.0	69.0
63	34.6	23.4	35.0





#7

Phenol-d6

Concen: 85.707 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097527.D

Acq: 9 Aug 2017 20:38

Instrument :

BNA_F

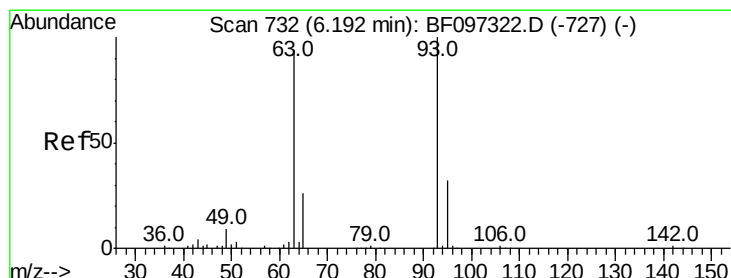
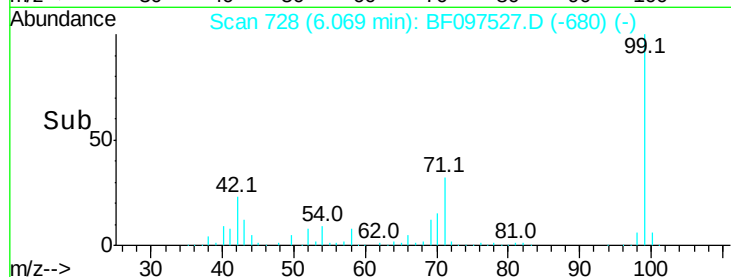
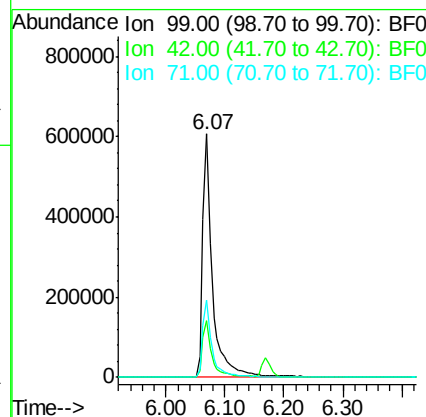
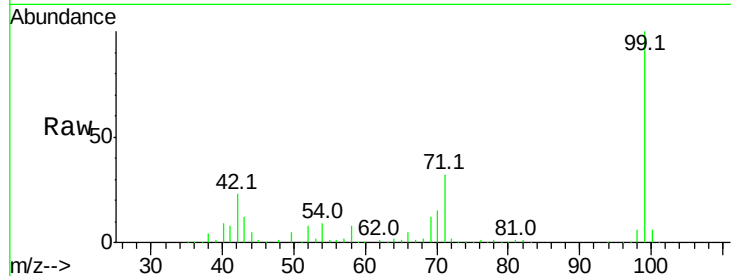
ClientSampled :

E2-L9-SSW

Tot Ion:	99	Resp:	699039
Ion Ratio	Lower	Upper	
99	100		
42	23.2	13.5	20.3#
71	31.7	24.5	36.7

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#11

bis(2-Chloroethyl)ether

Concen: 2.007 ng

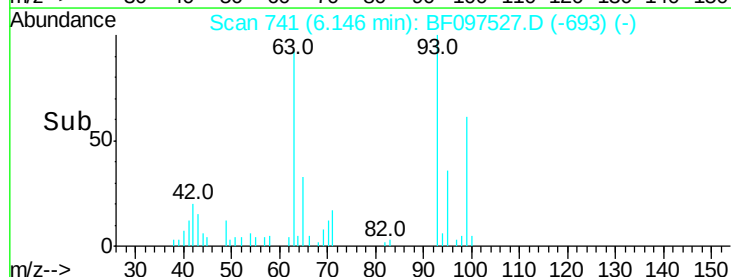
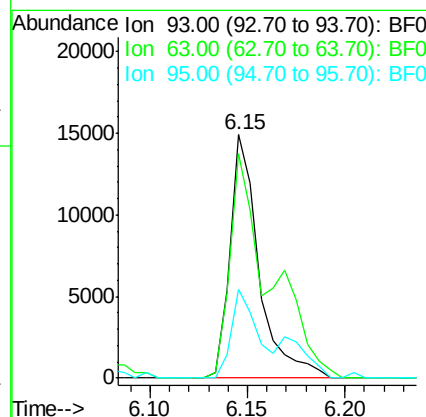
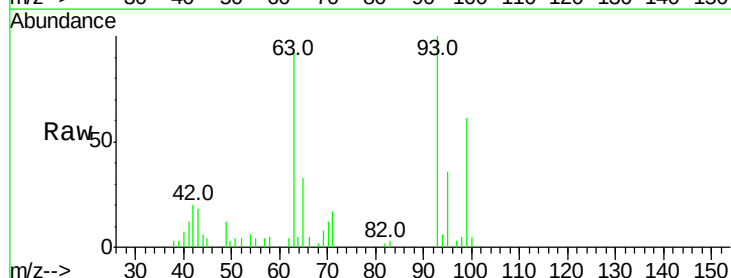
RT: 6.15 min Scan# 741

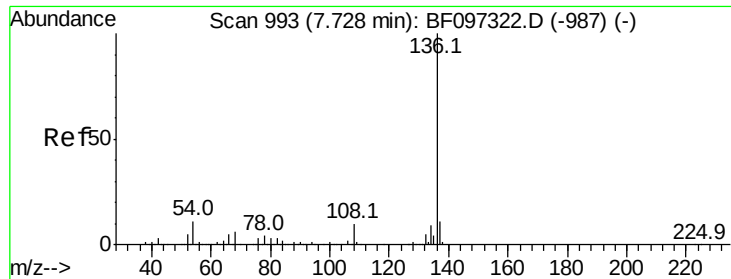
Delta R.T. -0.02 min

Lab File: BF097527.D

Acq: 9 Aug 2017 20:38

Tgt Ion:	93	Resp:	15358
Ion Ratio	Lower	Upper	
93	100		
63	92.2	59.2	99.2
95	36.2	12.8	52.8





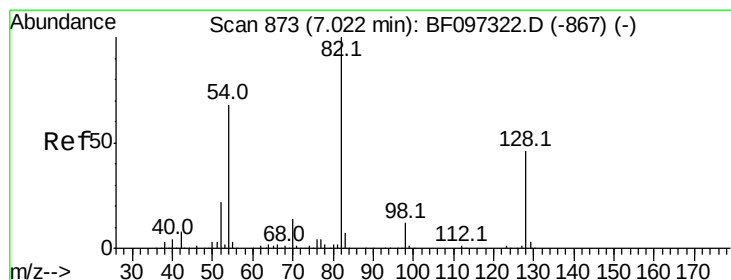
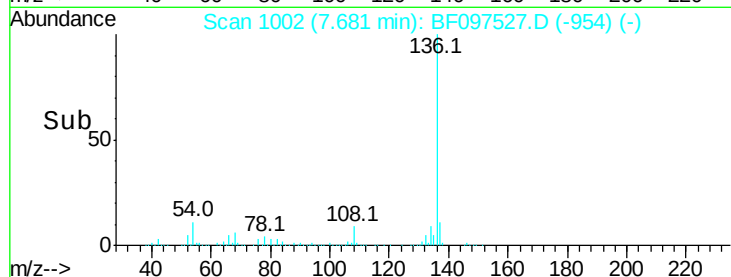
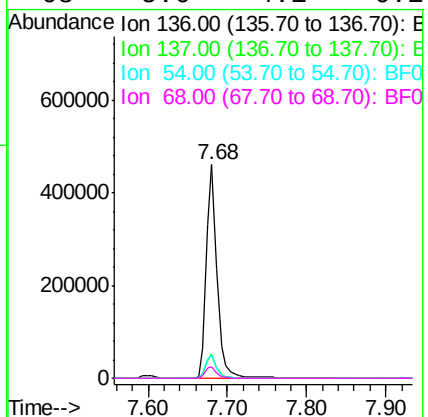
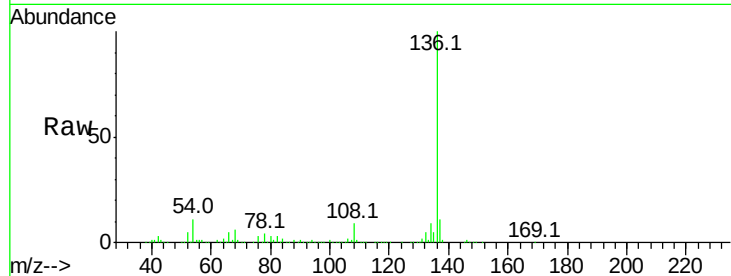
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097527.D
Acq: 9 Aug 2017 20:38

Instrument :
BNA_F
ClientSampled :
E2-L9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	10.6	4.9	7.3#	
68	5.6	4.1	6.1	

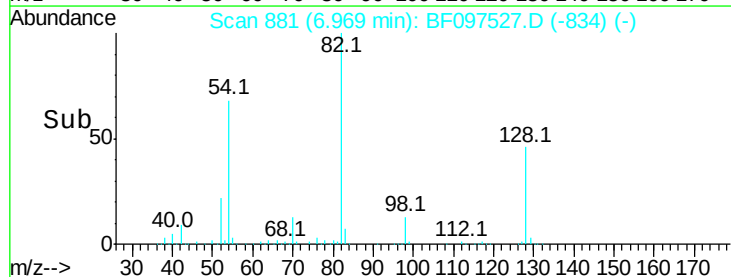
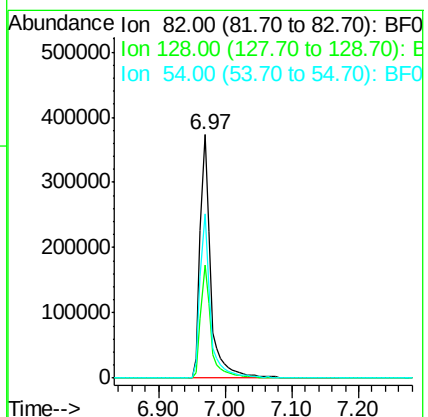
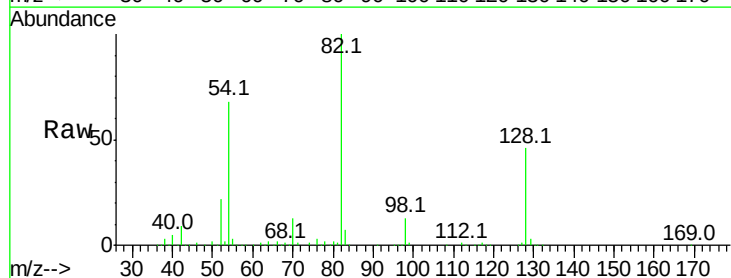
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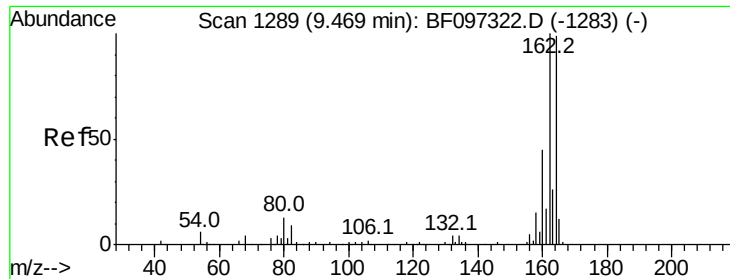
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#23
Nitrobenzene-d5
Concen: 52.645 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097527.D
Acq: 9 Aug 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	34.0	51.0	
54	67.7	42.2	63.2#	





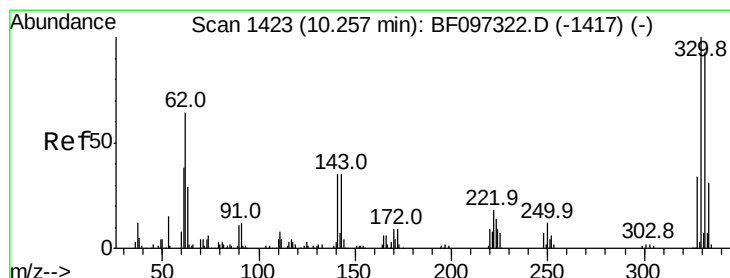
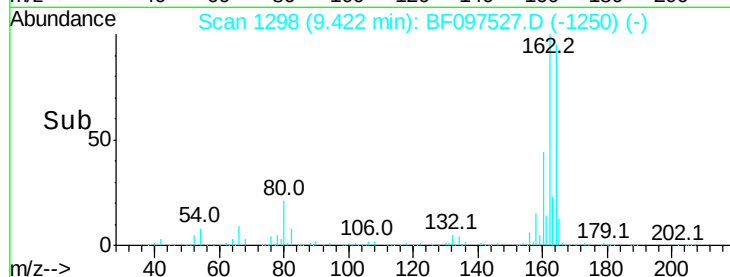
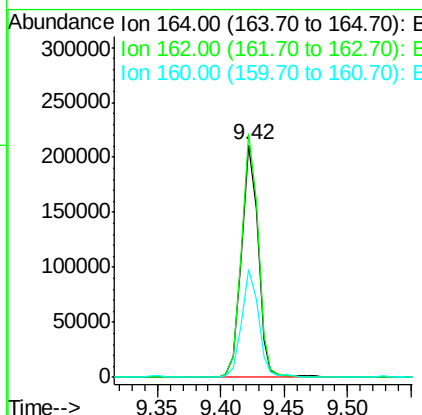
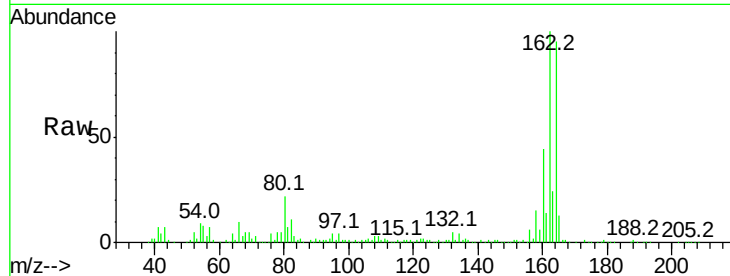
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097527.D
 Acq: 9 Aug 2017 20:38

Instrument :
 BNA_F
 ClientSampled :
 E2-L9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	82.6	123.8	
160	46.4	36.2	54.2	

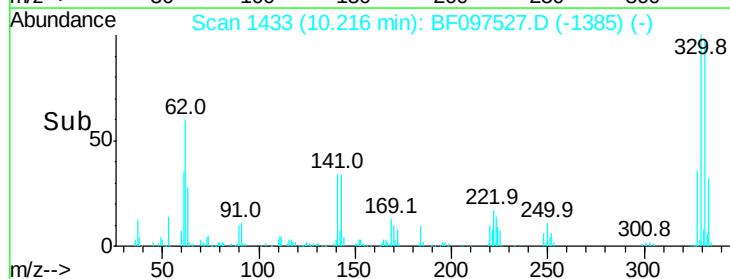
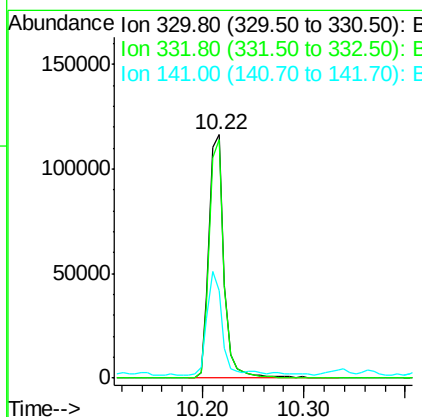
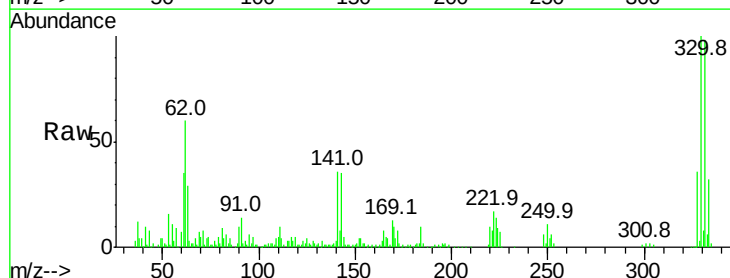
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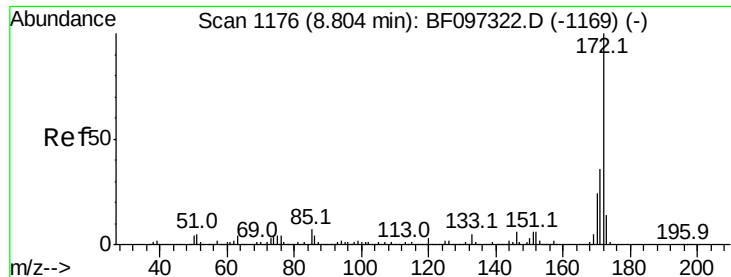
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#41
 2,4,6-Tribromophenol
 Concen: 80.452 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097527.D
 Acq: 9 Aug 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	40.3	31.4	47.2	





#44

2-Fluorobiphenyl

Concen: 55.899 ng

RT: 8.76 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF097527.D

Acq: 9 Aug 2017 20:38

Instrument :

BNA_F

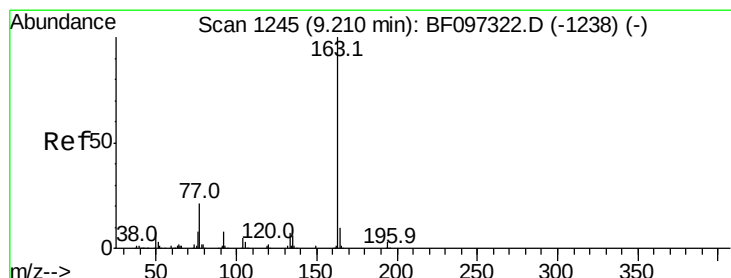
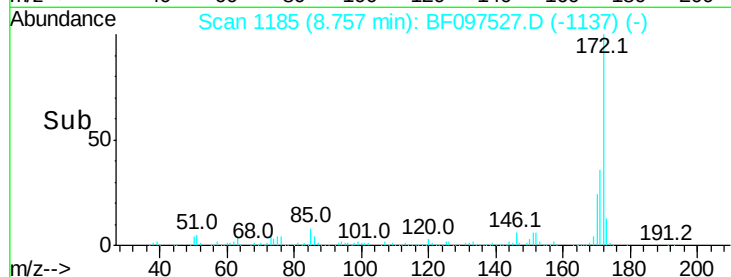
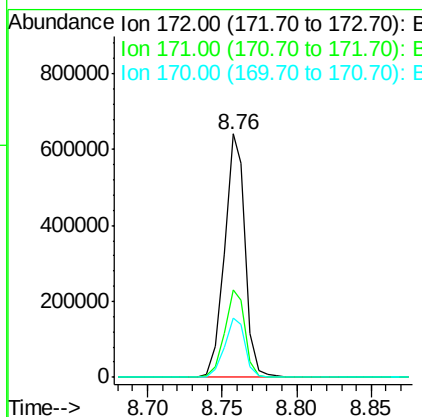
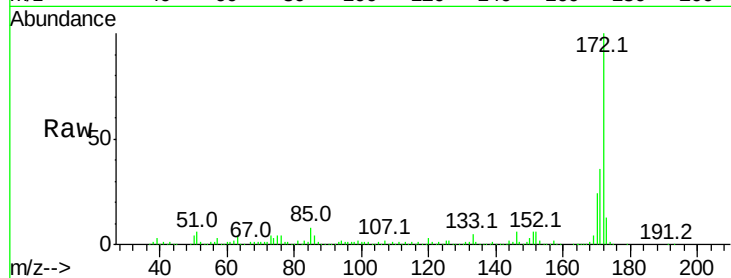
ClientSampleId :

E2-L9-SSW

Tot Ion:	172	Resp:	626765
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8

Manual Integrations
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#49

Dimethylphthalate

Concen: 8.905 ng

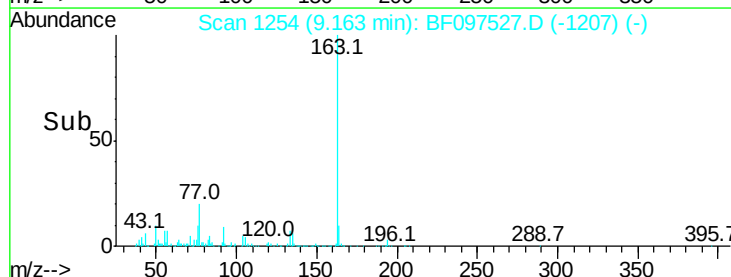
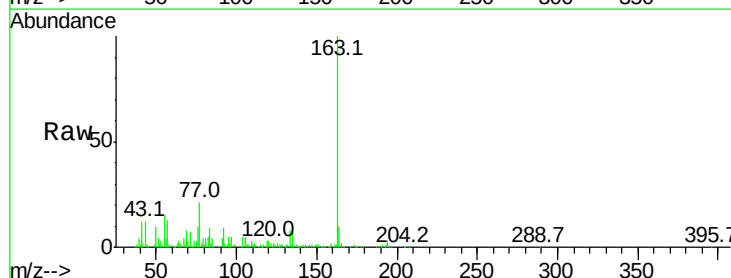
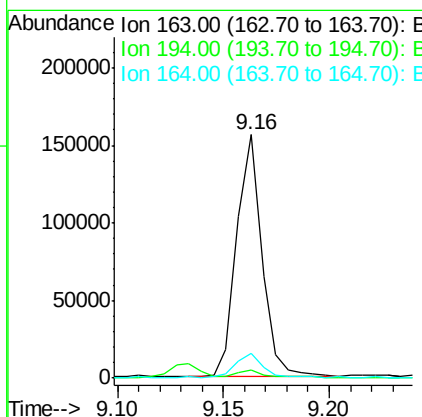
RT: 9.16 min Scan# 1254

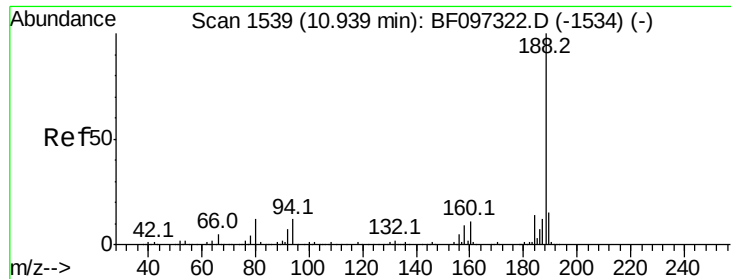
Delta R.T. -0.02 min

Lab File: BF097527.D

Acq: 9 Aug 2017 20:38

Tgt Ion:	163	Resp:	128680
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.4	8.4	12.6





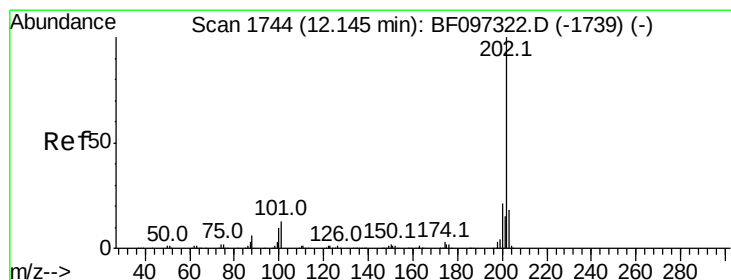
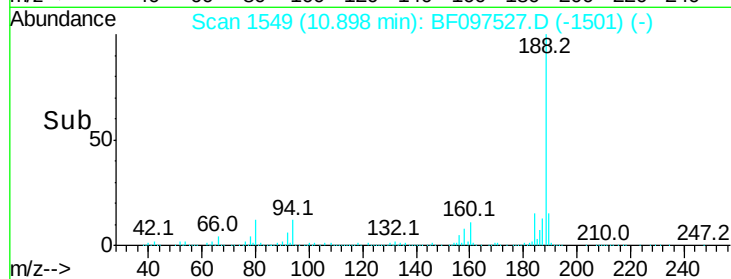
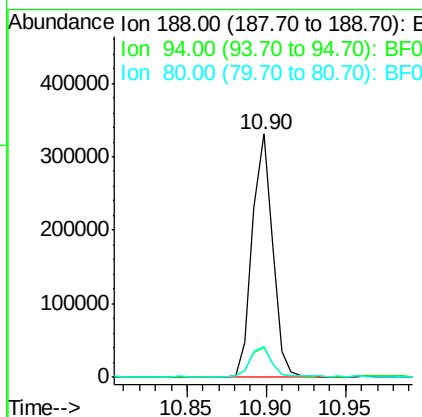
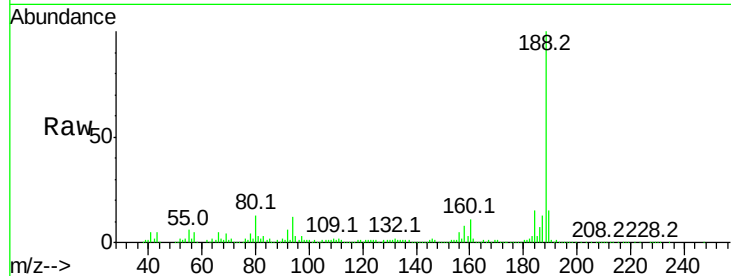
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097527.D
Acq: 9 Aug 2017 20:38

Instrument :
BNA_F
ClientSampleId :
E2-L9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	295871		
94	12.4		9.4	14.2
80	12.8		10.2	15.2

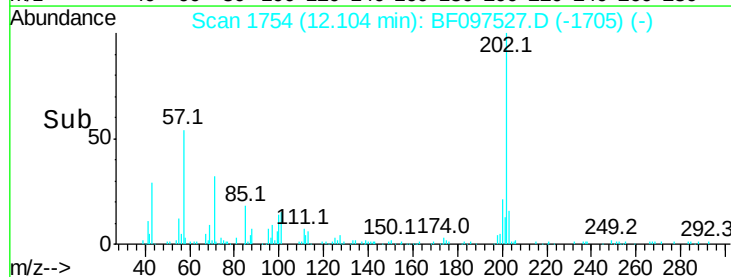
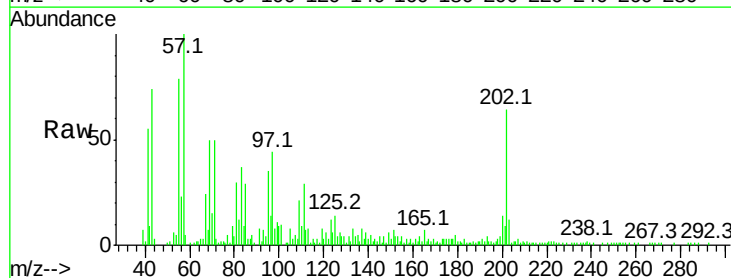
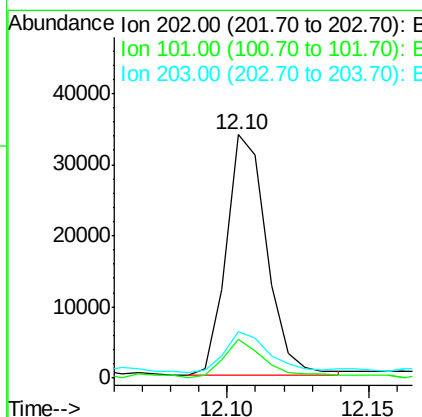
Manual Integrations
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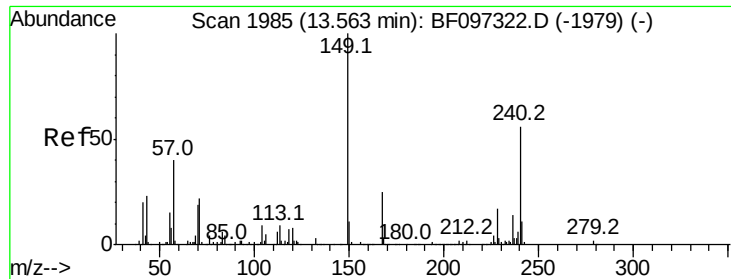
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#74
Fluoranthene
Concen: 2.159 ng
RT: 12.10 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF097527.D
Acq: 9 Aug 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	33534		
101	16.1		0.0	33.2
203	19.3		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097527.D

Acq: 9 Aug 2017 20:38

Instrument :

BNA_F

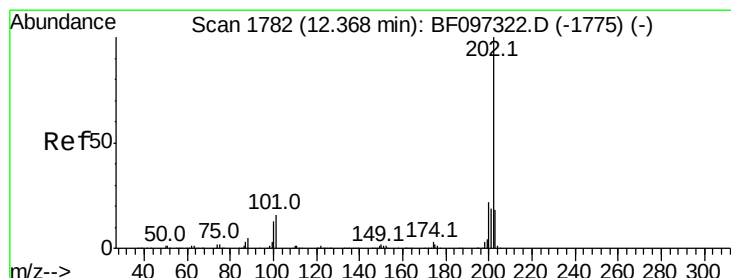
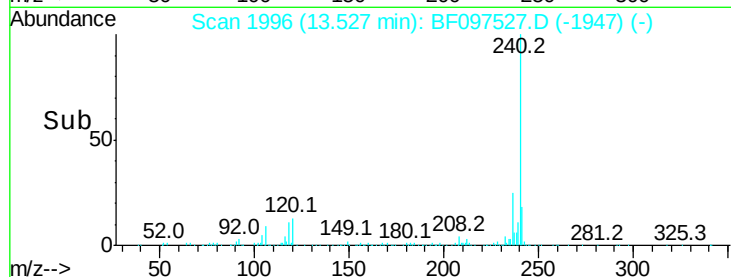
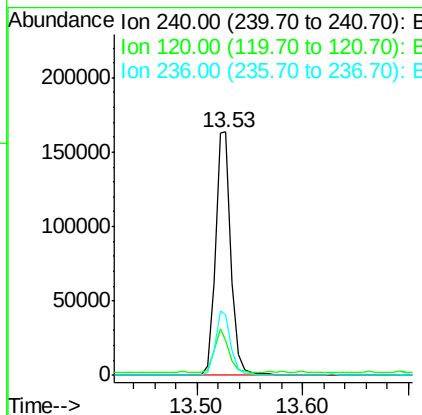
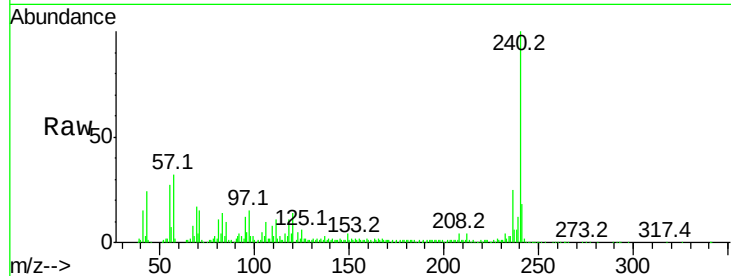
ClientSampled :

E2-L9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
240	100	171122		
120	14.3	5.8	8.8#	
236	25.0	20.5	30.7	

Manual Integrations
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#77

Pyrene

Concen: 2.627 ng m

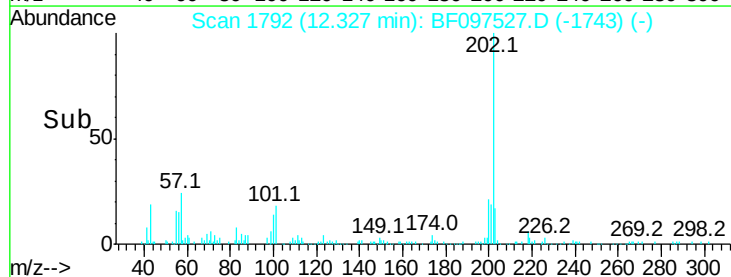
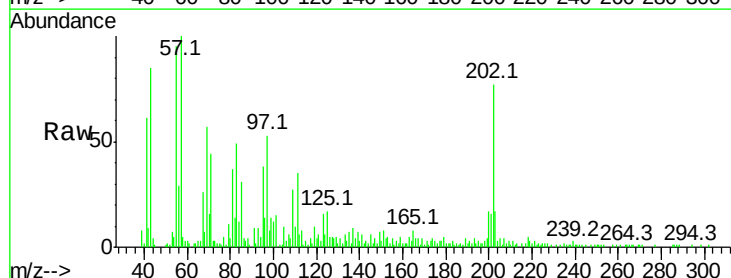
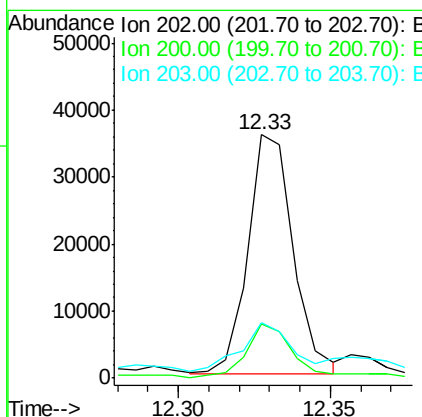
RT: 12.33 min Scan# 1792

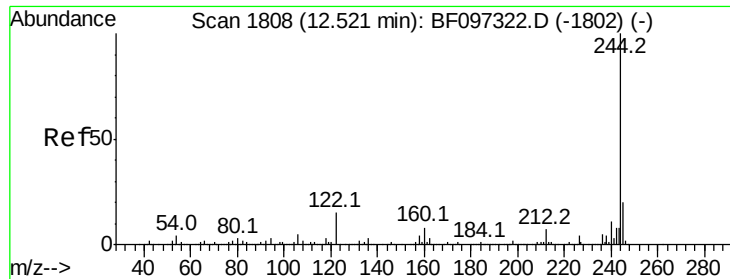
Delta R.T. -0.01 min

Lab File: BF097527.D

Acq: 9 Aug 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	36807		
200	22.1	17.6	26.4	
203	22.6	14.4	21.6#	





#78

Terphenyl-d14

Concen: 47.989 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097527.D

Acq: 9 Aug 2017 20:38

Instrument :

BNA_F

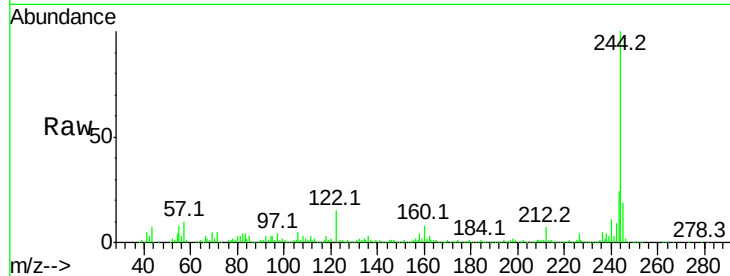
ClientSampled :

E2-L9-SSW

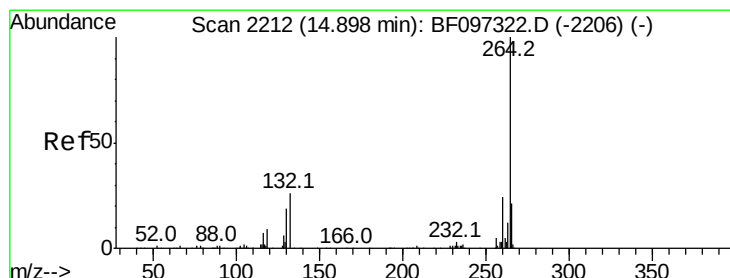
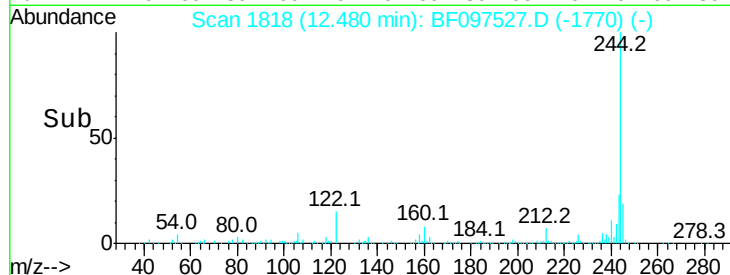
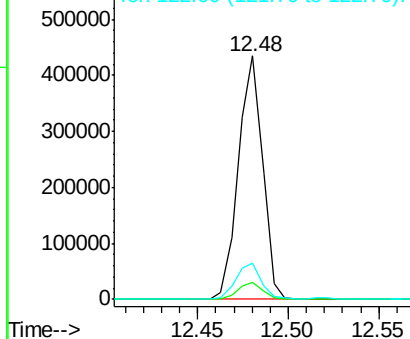
Tot Ion:	244	Resp:	402778
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	14.9	10.3	15.5

Manual Integrations
APPROVED

Sohil
8/10/2017 6:07:36 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

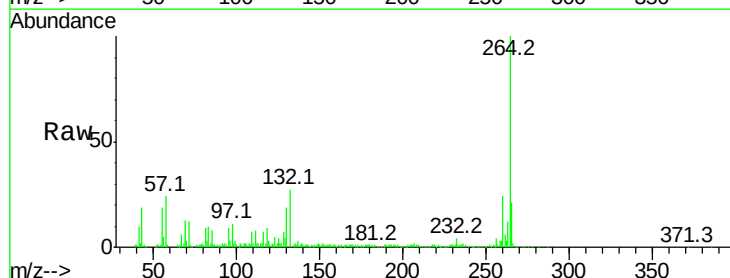
RT: 14.86 min Scan# 2223

Delta R.T. -0.01 min

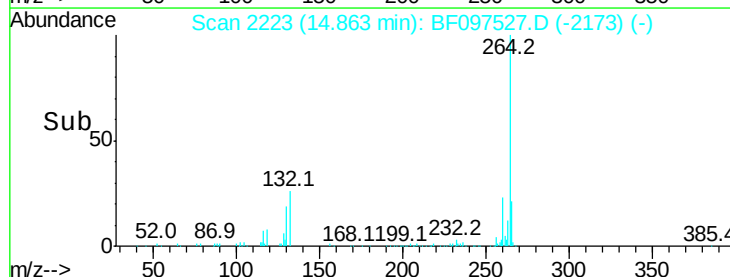
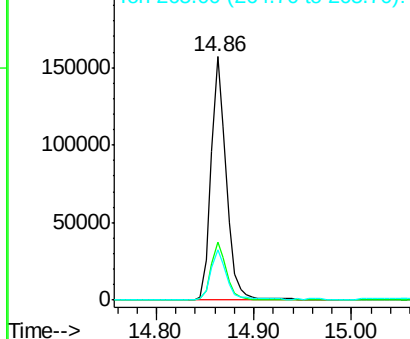
Lab File: BF097527.D

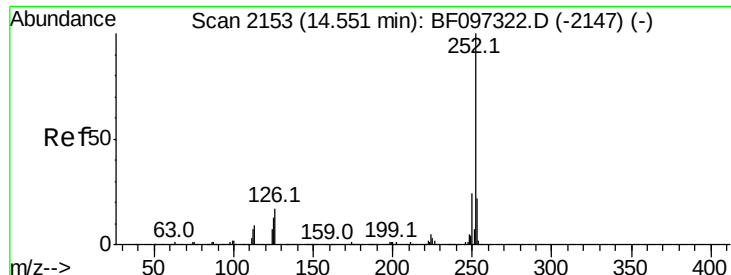
Acq: 9 Aug 2017 20:38

Tgt Ion:	264	Resp:	169946
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	20.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.071 ng/ml
 RT: 14.52 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BF097527.D
 Acq: 9 Aug 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSW

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	18.1	27.1#
125	73.1	9.8	14.8#

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:07:36 PM

