

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097253.D
 Acq On : 2 Aug 2017 4:42
 Operator : SJ/JU
 Sample : I4471-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-WSW

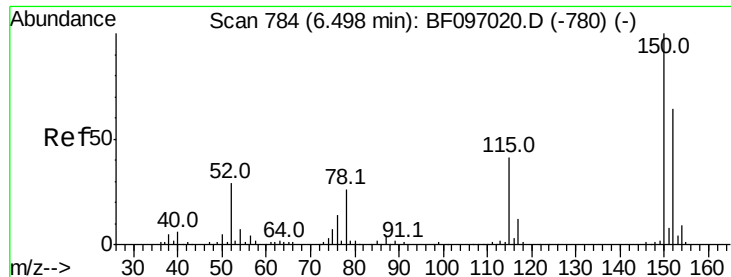
Manual Integrations
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Sohil
 8/2/2017 7:15:39 PM

Quant Time: Aug 02 15:57:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	113393	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	416617	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	138345	20.00	ng	-0.04
63) Phenanthrene-d10	10.97	188	206729	20.00	ng	-0.04
75) Chrysene-d12	13.60	240	199669	20.00	ng	-0.03
86) Perylene-d12	14.95	264	130482	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	814983	108.35	ng	-0.03
7) Phenol-d6	6.14	99	891027	103.76	ng	-0.03
23) Nitrobenzene-d5	7.03	82	531314	74.81	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	100640	92.07	ng	-0.04
44) 2-Fluorobiphenyl	8.82	172	579762	71.12	ng	-0.05
78) Terphenyl-d14	12.55	244	380415	38.84	ng	-0.04
Target Compounds						
10) Phenol	6.15	94	47982	4.711	ng	Qvalue 100
11) bis(2-Chloroethyl)ether	6.20	93	109210	13.556	ng	86
31) Naphthalene	7.77	128	59583	3.034	ng	98
37) 2-Methylnaphthalene	8.46	142	47474	3.818	ng	98
49) Dimethylphthalate	9.23	163	255406	24.311	ng	100
85) Indeno(1,2,3-cd)pyrene	16.17	276	76454	7.068	ng	94
87) Benzo(b)fluoranthene	14.59	252	33565m	4.279	ng	
89) Benzo(a)pyrene	14.90	252	44405	6.186	ng	# 77
90) Dibenzo(a,h)anthracene	16.17	278	17314	2.941	ng	# 65
91) Benzo(g,h,i)perylene	16.53	276	79864	12.937	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF097253.D

Acq: 2 Aug 2017 4:42

Instrument :

BNA_F

ClientSampled :

E2-L6-WSW

Tot Ion:152 Resp: 113393

Ion Ratio Lower Upper

152 100

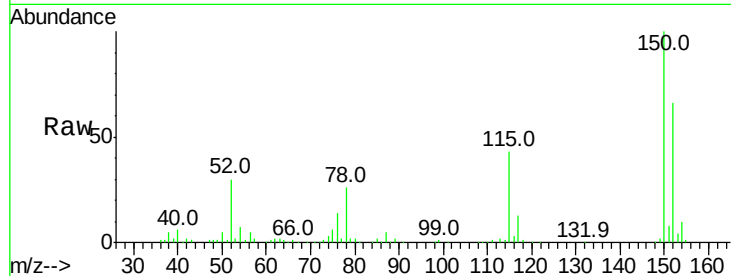
150 151.2 126.2 189.2

115 65.2 52.2 78.2

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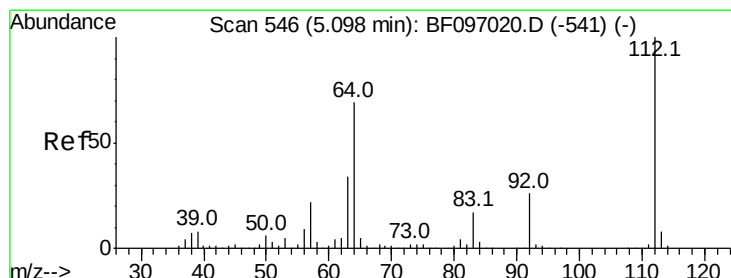
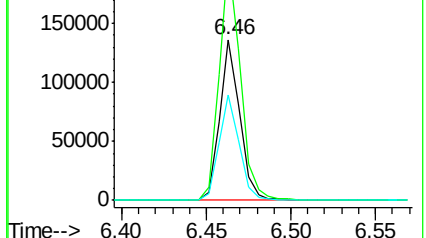
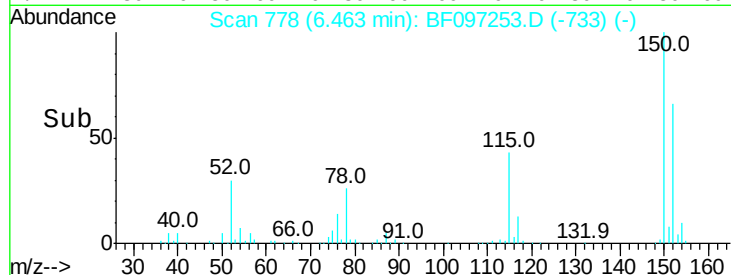
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 108.347 ng

RT: 5.07 min Scan# 541

Delta R.T. -0.03 min

Lab File: BF097253.D

Acq: 2 Aug 2017 4:42

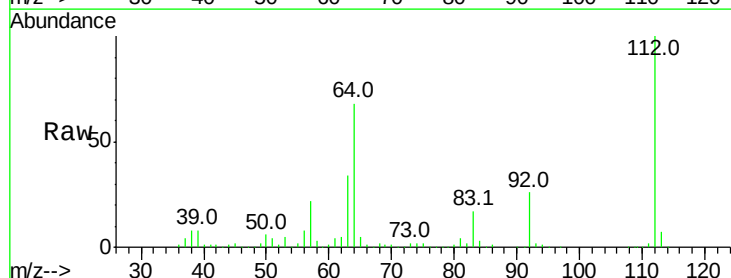
Tgt Ion:112 Resp: 814983

Ion Ratio Lower Upper

112 100

64 67.7 46.0 69.0

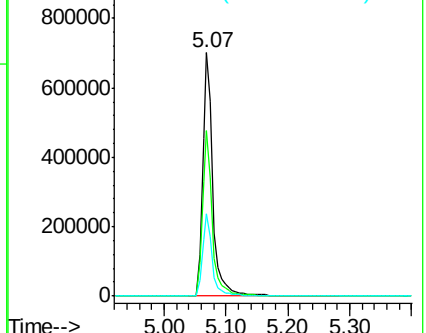
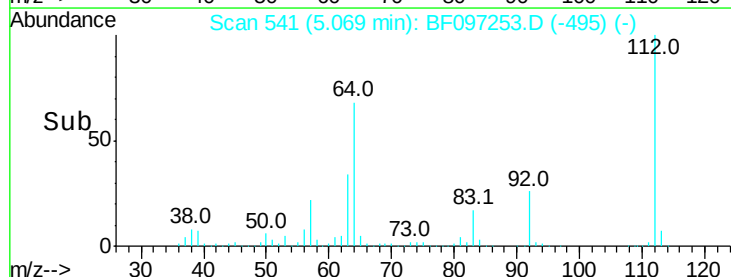
63 34.1 23.4 35.0

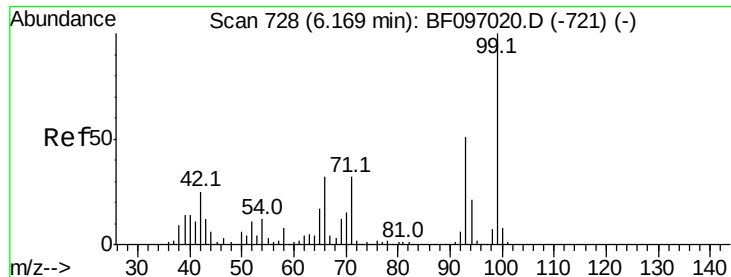


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.762 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF097253.D

Acq: 2 Aug 2017 4:42

Instrument :

BNA_F

ClientSampled :

E2-L6-WSW

Tot Ion: 99 Resp: 891027
Ion Ratio Lower Upper

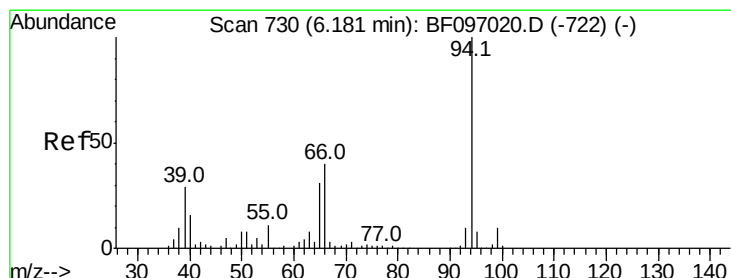
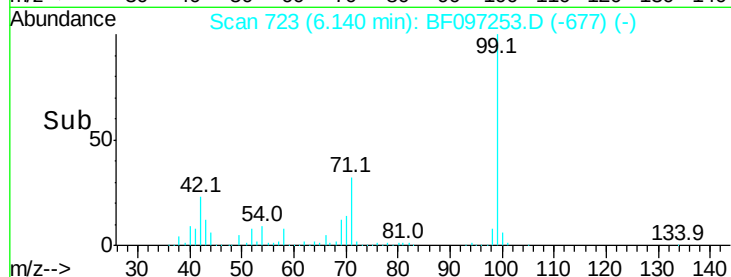
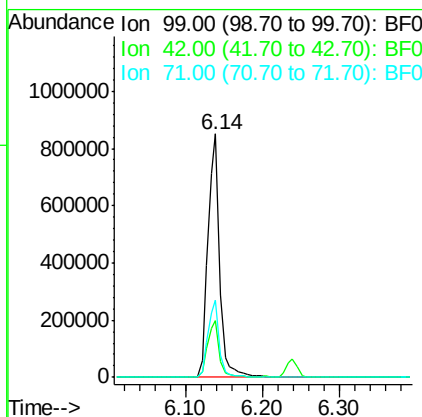
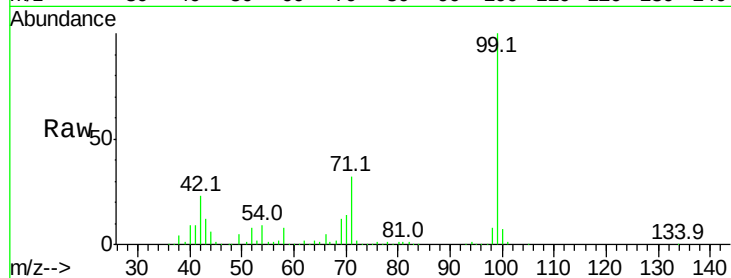
99 100

42 23.3 13.5 20.3#

71 31.9 24.5 36.7

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#10

Phenol

Concen: 4.711 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF097253.D

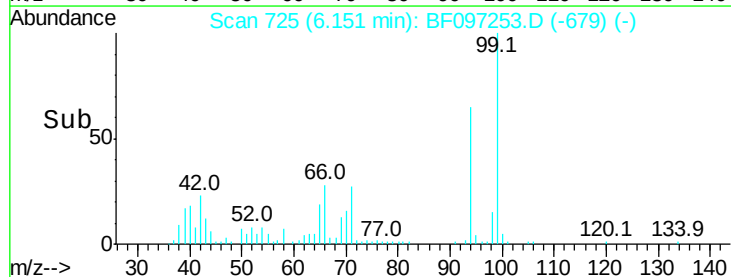
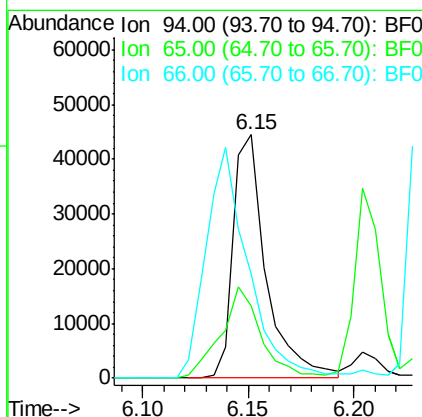
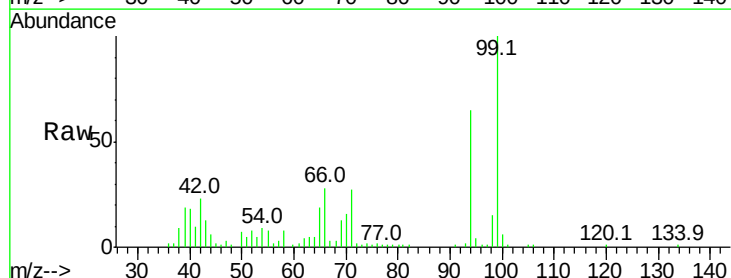
Acq: 2 Aug 2017 4:42

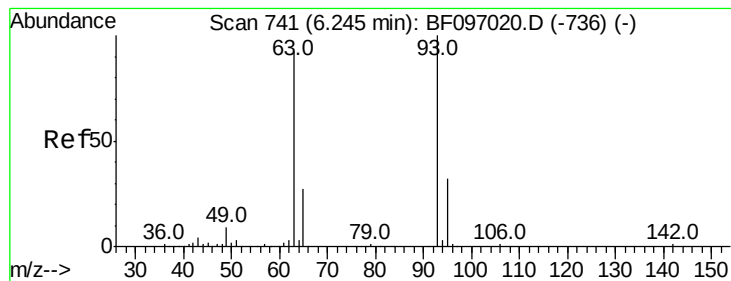
Tgt Ion: 94 Resp: 47982
Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

66 42.7 23.1 63.1





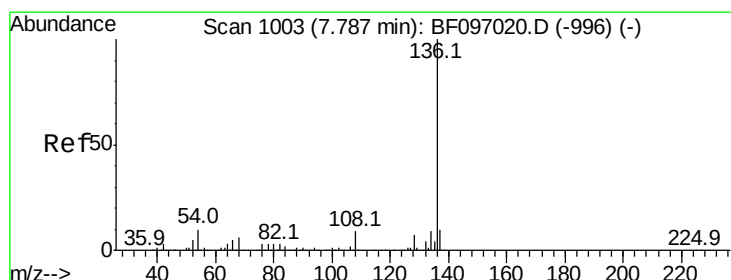
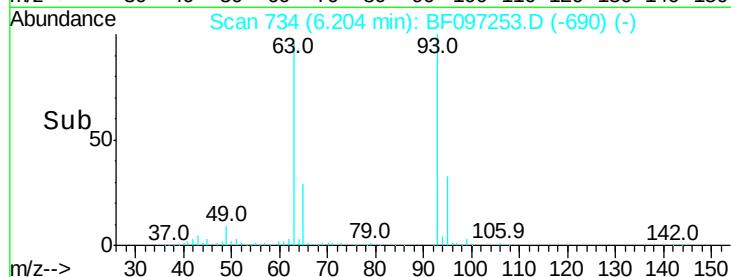
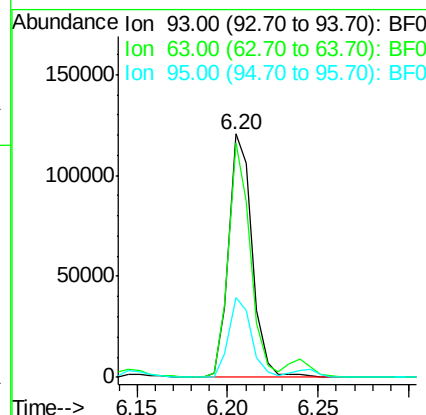
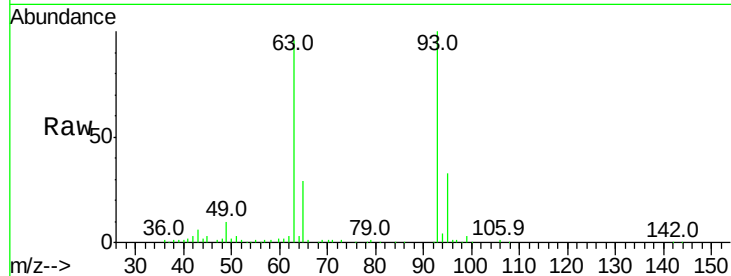
#11
bis(2-Chloroethyl)ether
Concen: 13.556 ng
RT: 6.20 min Scan# 734
Delta R.T. -0.04 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Instrument :
BNA_F
ClientSampleId :
E2-L6-WSW

Tot Ion	93	Resp	109210
Ion Ratio	100	Lower	Upper
93	100		
63	96.2	59.2	99.2
95	33.0	12.8	52.8

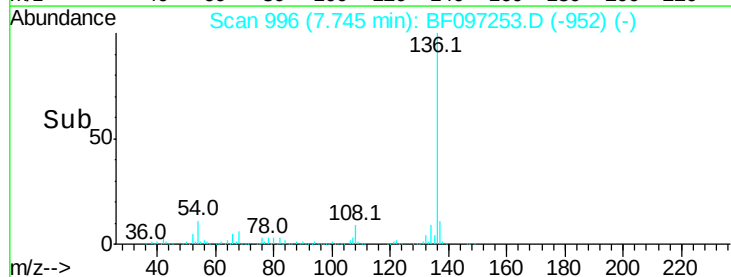
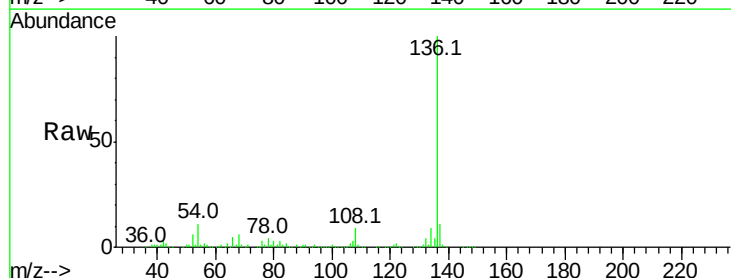
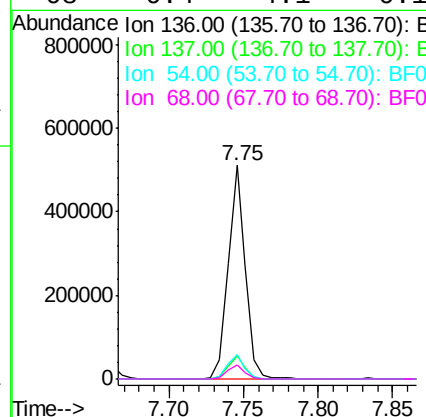
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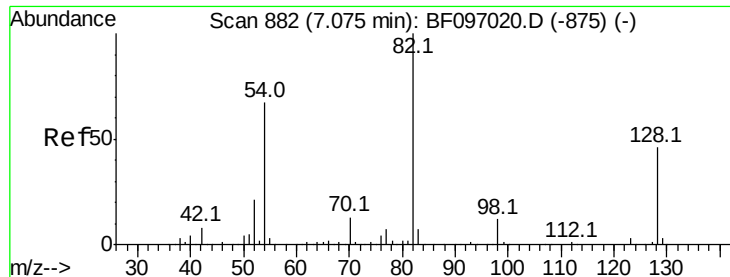
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Tgt Ion	136	Resp	416617
Ion Ratio	100	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.2	4.9	7.3#
68	6.4	4.1	6.1#





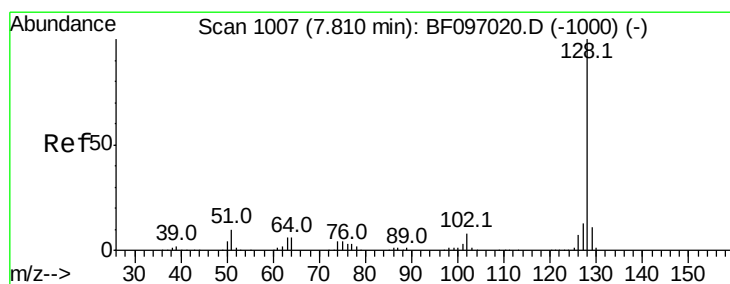
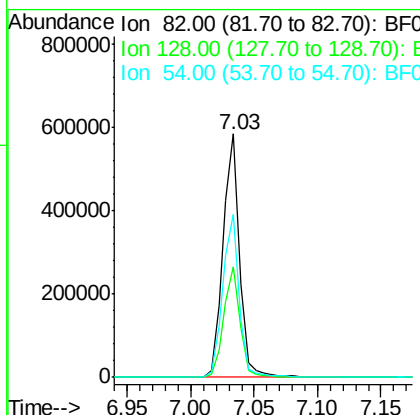
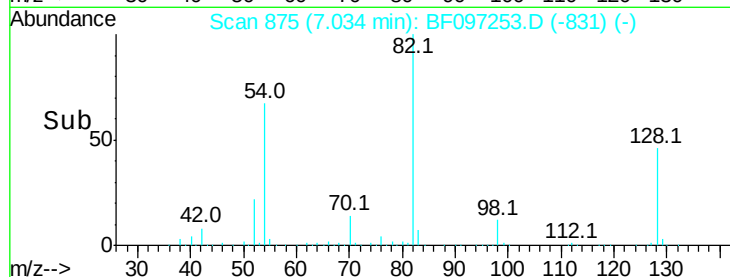
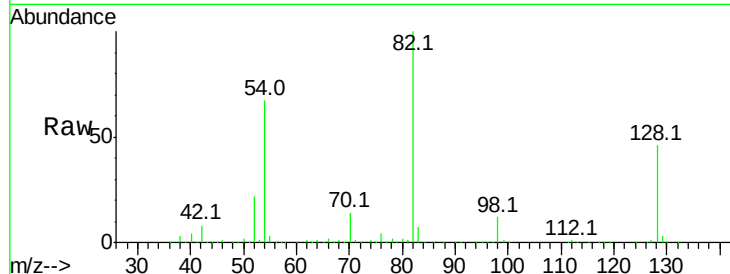
#23
Nitrobenzene-d5
Concen: 74.815 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Instrument :
BNA_F
ClientSampled :
E2-L6-WSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	67.1	42.2	63.2

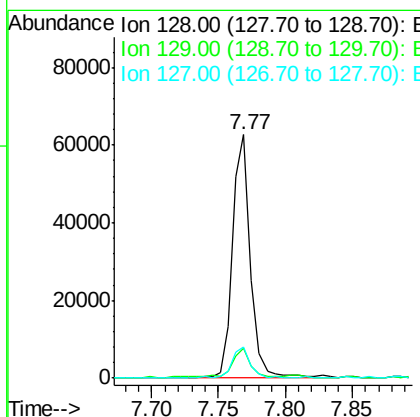
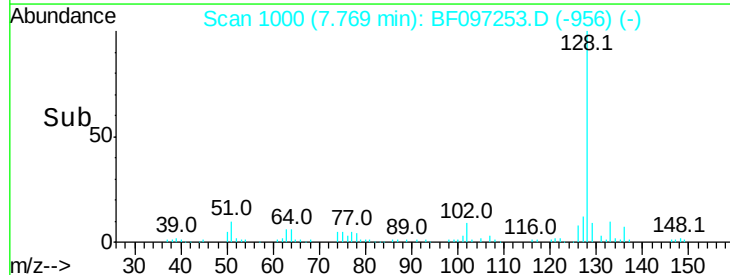
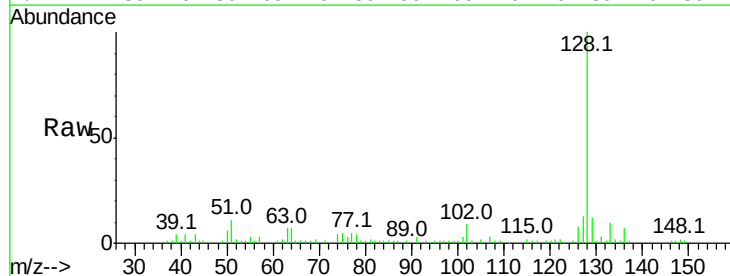
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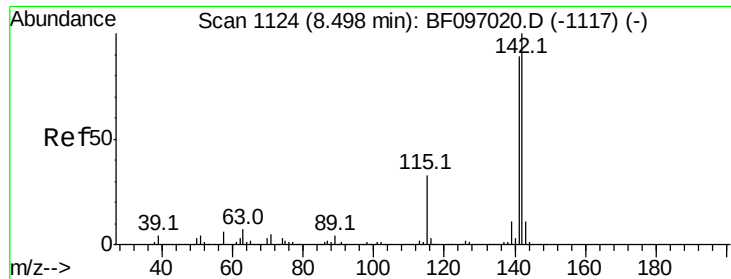
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#31
Naphthalene
Concen: 3.034 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	12.9	10.8	16.2





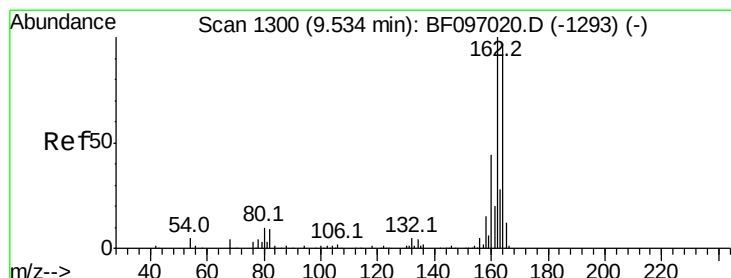
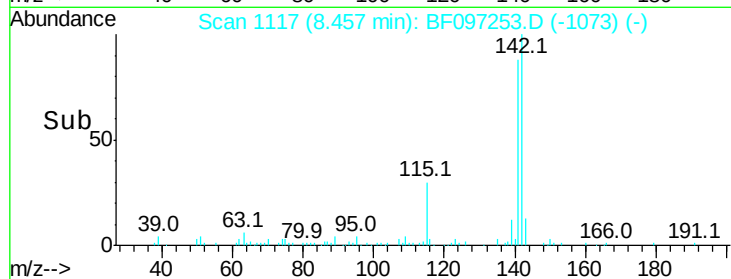
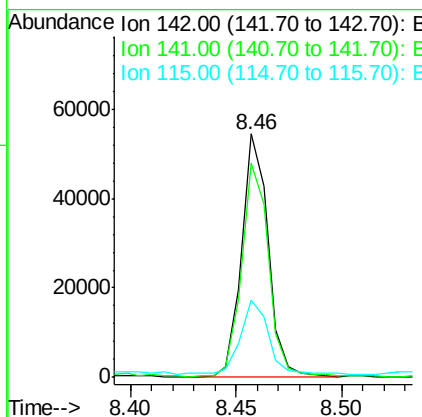
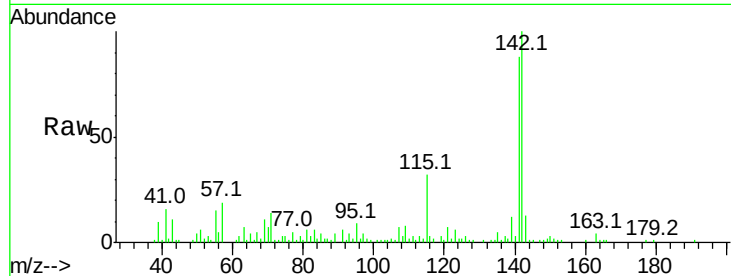
#37
 2-Methylnaphthalene
 Concen: 3.818 ng
 RT: 8.46 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BF097253.D
 Acq: 2 Aug 2017 4:42

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-WSW

Tot Ion	Ratio	Resp	Lower	Upper
142	100	47474		
141	88.2	71.3	106.9	
115	31.8	27.1	40.7	

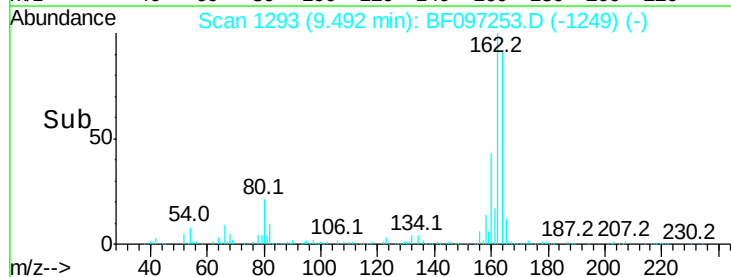
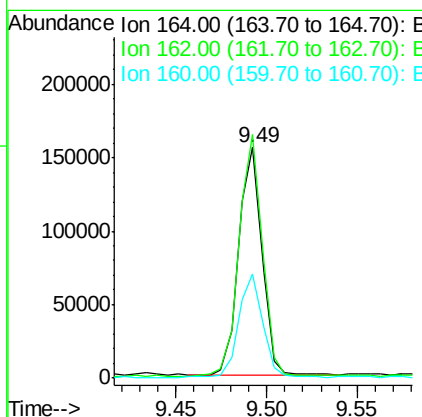
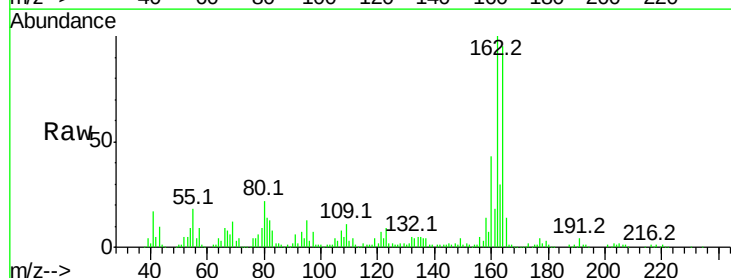
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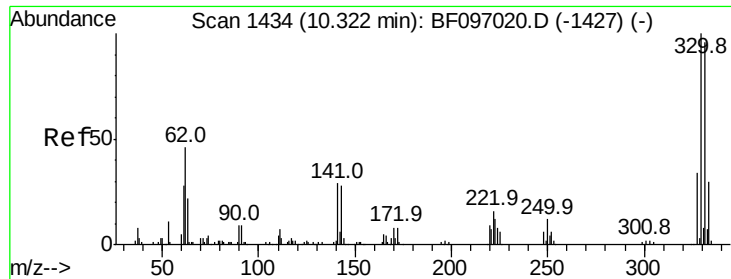
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.04 min
 Lab File: BF097253.D
 Acq: 2 Aug 2017 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	138345		
162	105.6	82.6	123.8	
160	45.2	36.2	54.2	





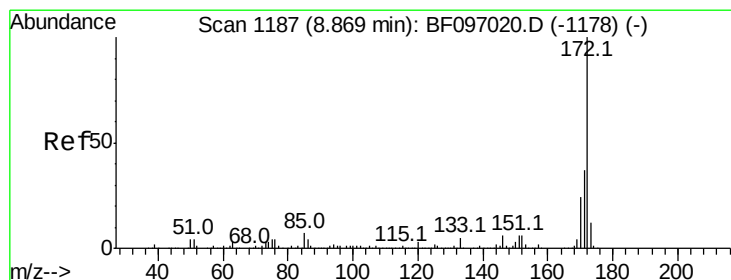
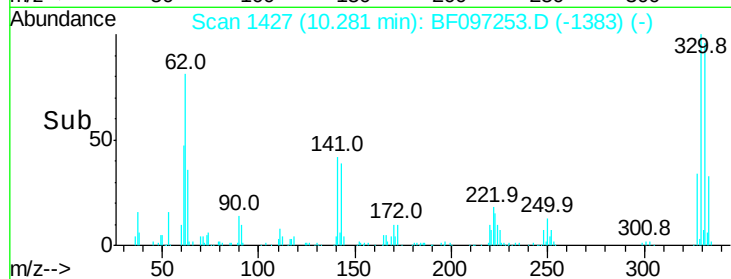
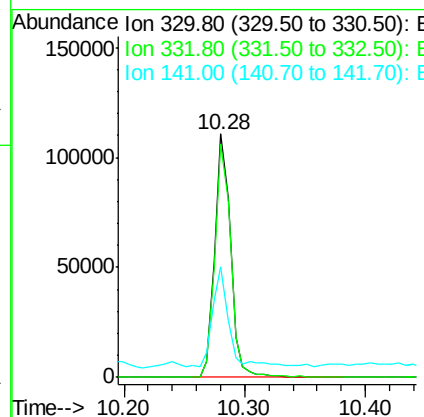
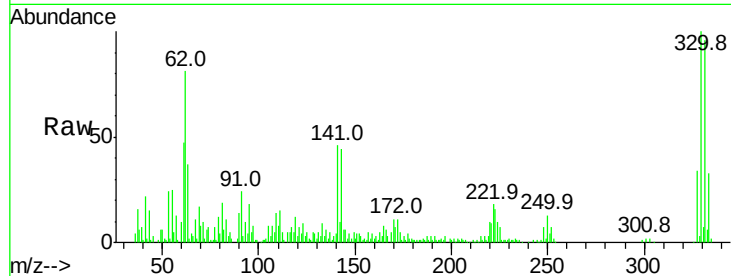
#41
 2,4,6-Tribromophenol
 Concen: 92.072 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097253.D
 Acq: 2 Aug 2017 4:42

Instrument :
 BNA_F
 ClientSampled :
 E2-L6-WSW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	100640		
332	96.5	76.6	115.0	
141	40.1	31.4	47.2	

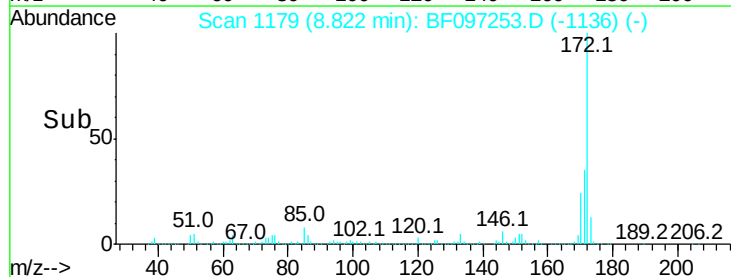
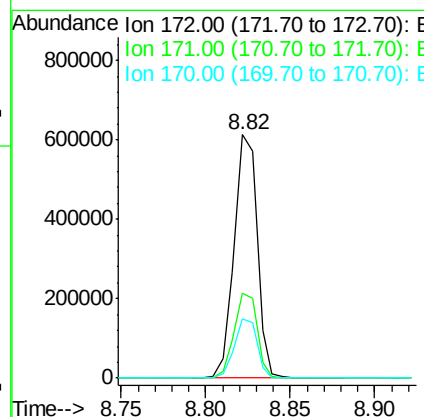
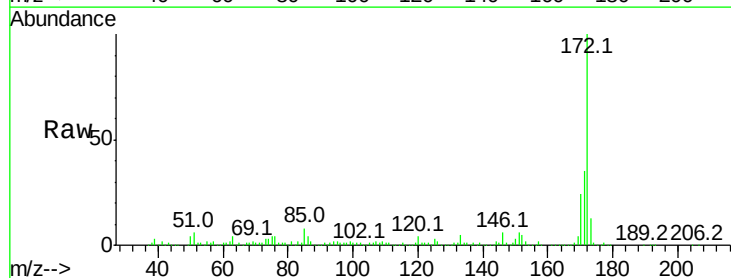
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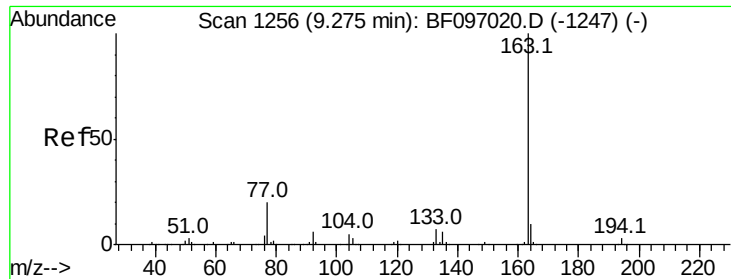
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#44
 2-Fluorobiphenyl
 Concen: 71.120 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF097253.D
 Acq: 2 Aug 2017 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	579762		
171	35.0	29.6	44.4	
170	24.2	19.8	29.8	





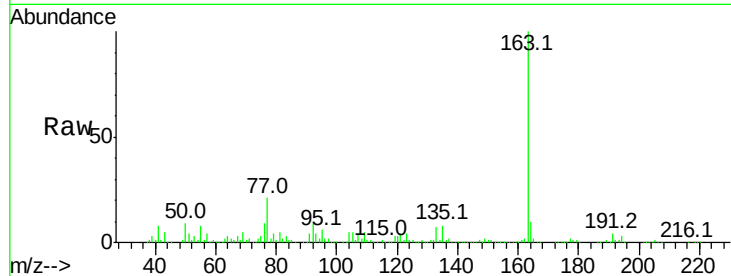
#49
Dimethylphthalate
Concen: 24.311 ng
RT: 9.23 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Instrument :
BNA_F
ClientSampleId :
E2-L6-WSW

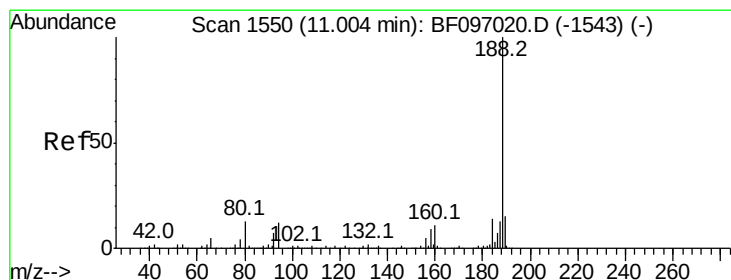
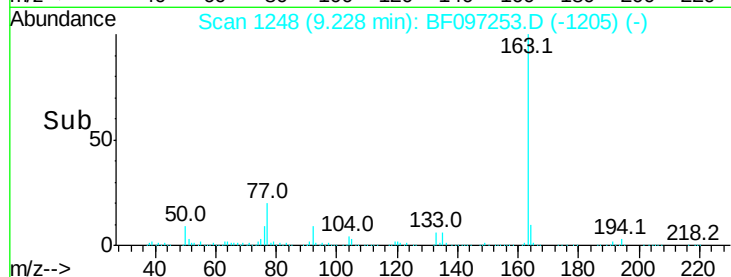
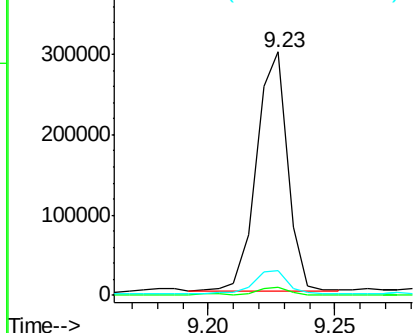
Tot Ion	Ratio	Resp	Lower	Upper
163	100	255406		
194	3.2		2.6	4.0
164	10.3		8.4	12.6

Manual Integrations
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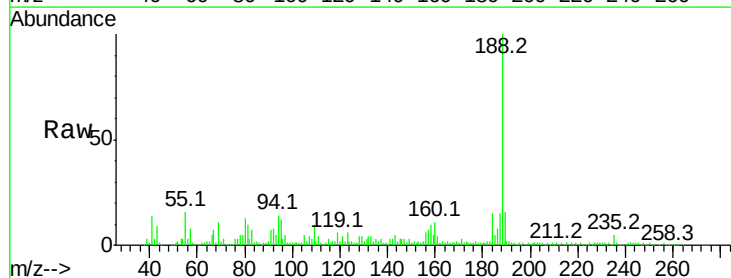


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

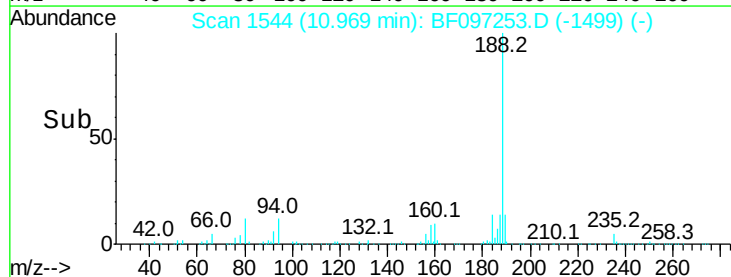
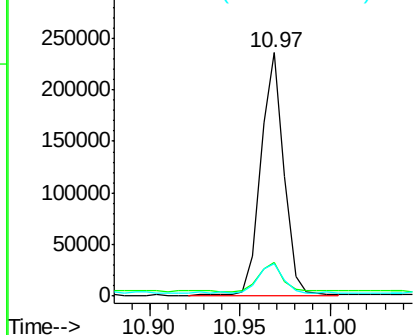


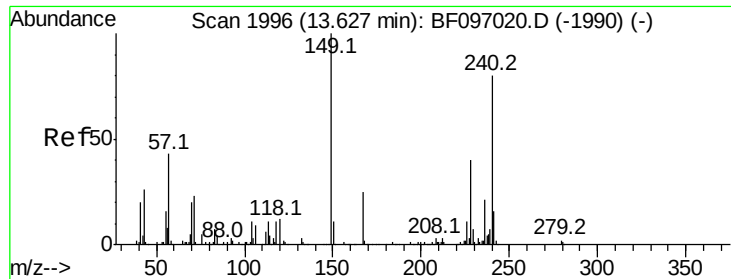
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.97 min Scan# 1544
Delta R.T. -0.04 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	206729		
94	14.0		9.4	14.2
80	13.4		10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.60 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF097253.D

Acq: 2 Aug 2017 4:42

Instrument :

BNA_F

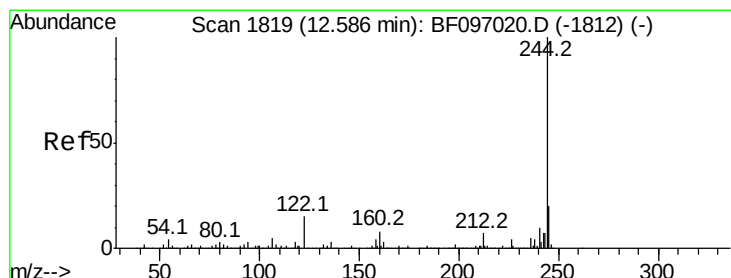
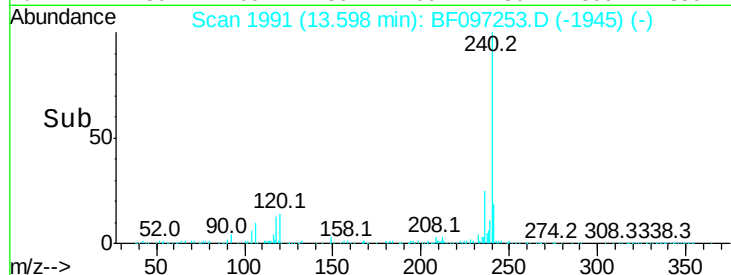
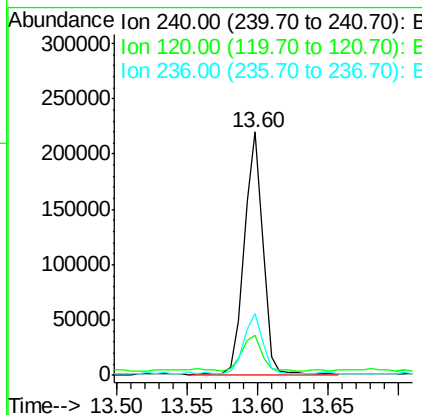
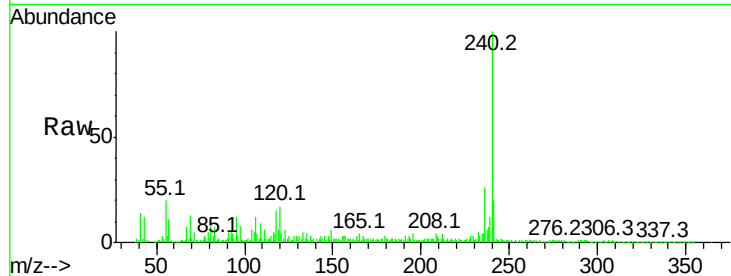
ClientSampleId :

E2-L6-WSW

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	25.6	20.5	30.7

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#78

Terphenyl-d14

Concen: 38.845 ng

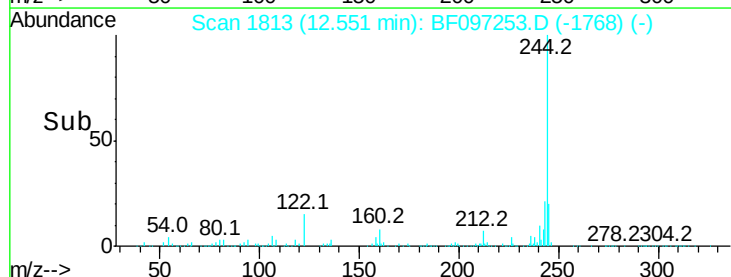
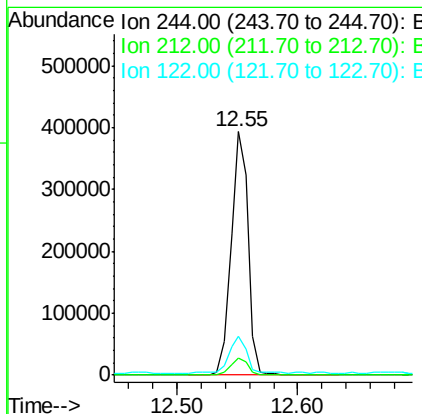
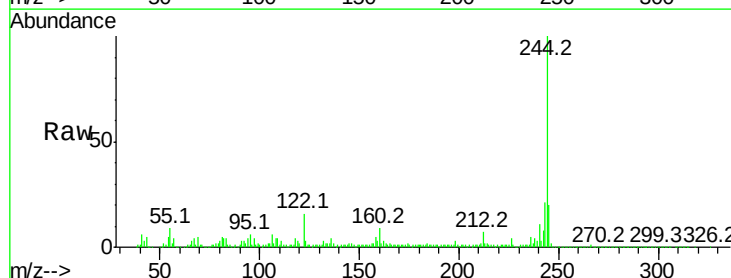
RT: 12.55 min Scan# 1813

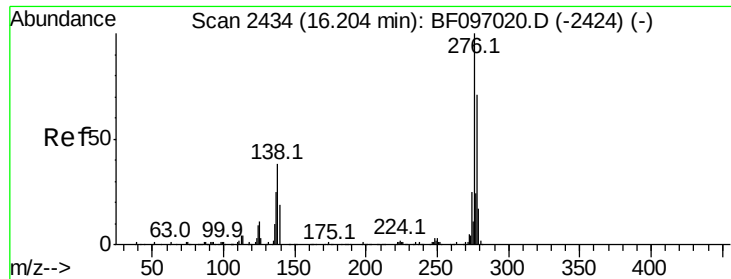
Delta R.T. -0.04 min

Lab File: BF097253.D

Acq: 2 Aug 2017 4:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	16.2	10.3	15.5#





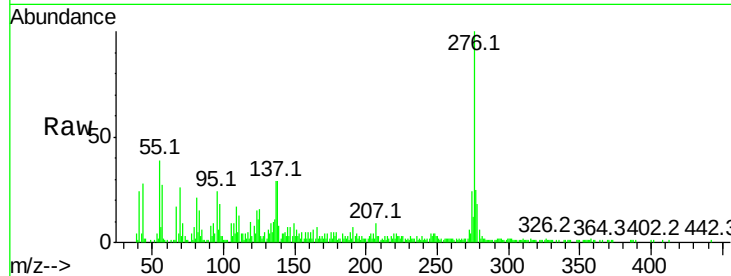
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.068 ng
RT: 16.17 min Scan# 2428
Delta R.T. -0.04 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Instrument :
BNA_F
ClientSampleId :
E2-L6-WSW

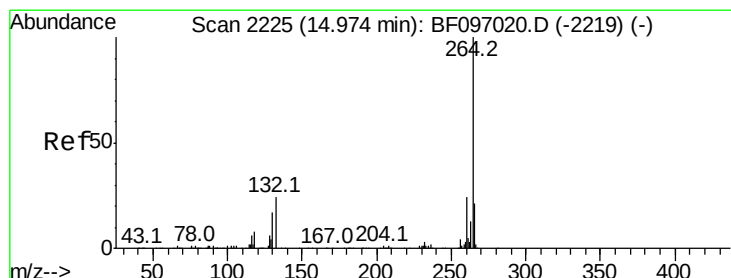
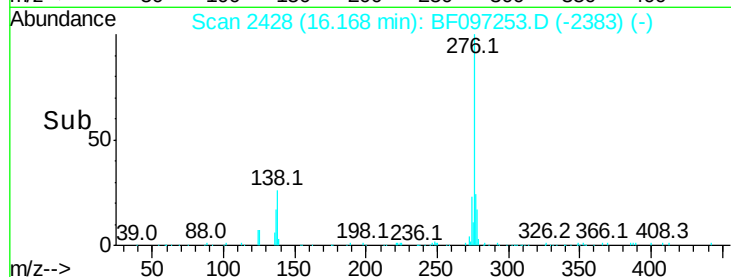
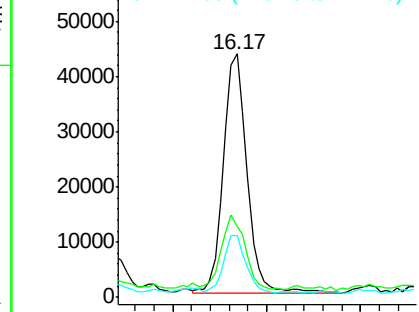
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	27.8	41.6
277	22.3	20.2	30.4

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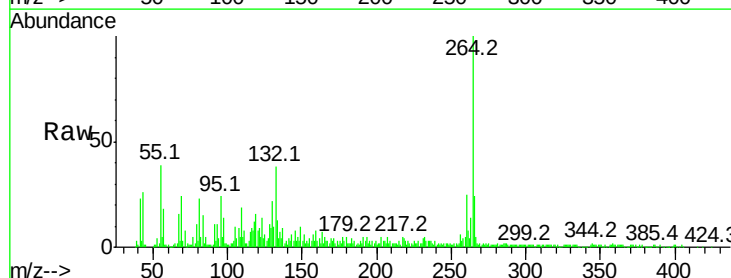


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

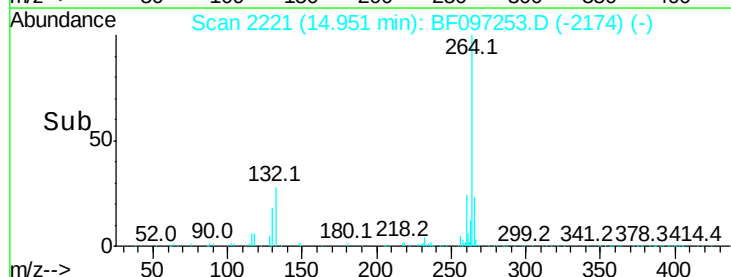
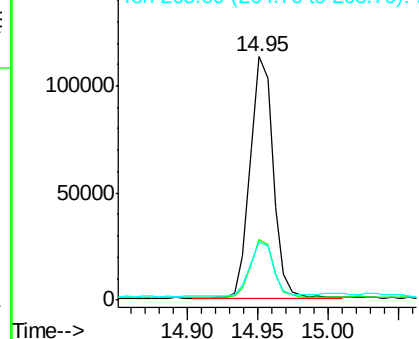


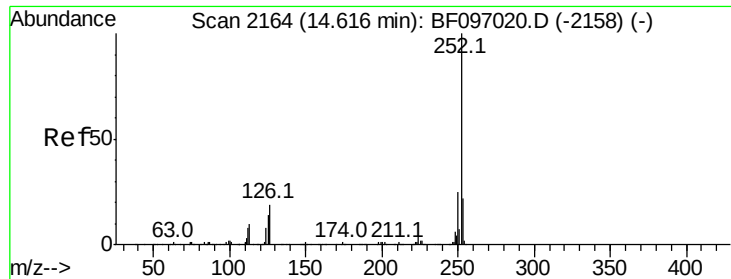
#86
Perylene-d12
Concen: 20.000 ng
RT: 14.95 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	24.1	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: 4.279 ng/mL

RT: 14.59 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BF097253.D

Acq: 2 Aug 2017 4:42

Instrument :

BNA_F

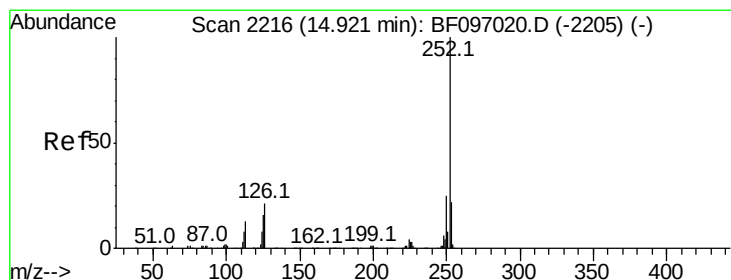
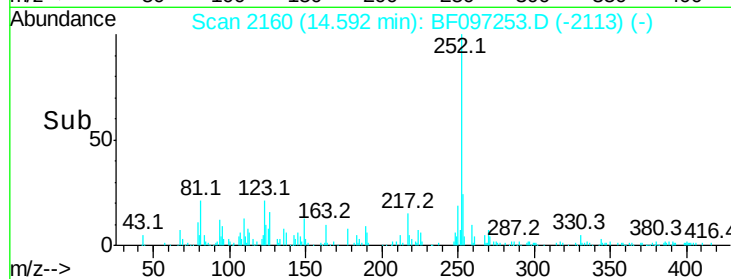
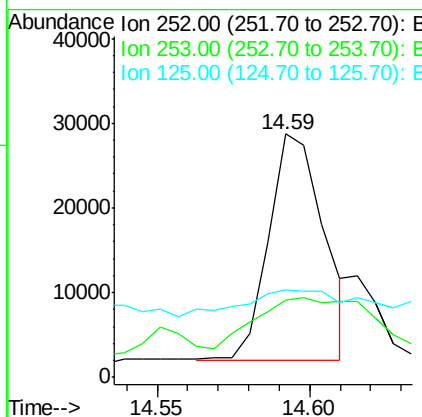
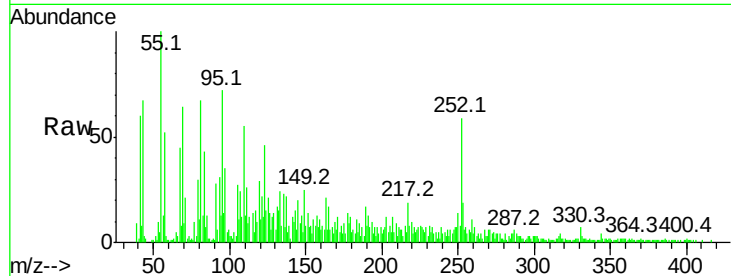
ClientSampleId :

E2-L6-WSW

Tot Ion:	252	Resp:	33565
Ion Ratio	Lower	Upper	
252	100		
253	31.9	18.1	27.1#
125	35.8	9.8	14.8#

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#89

Benzo(a)pyrene

Concen: 6.186 ng/mL

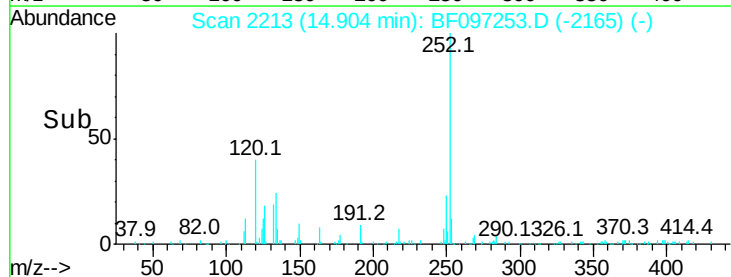
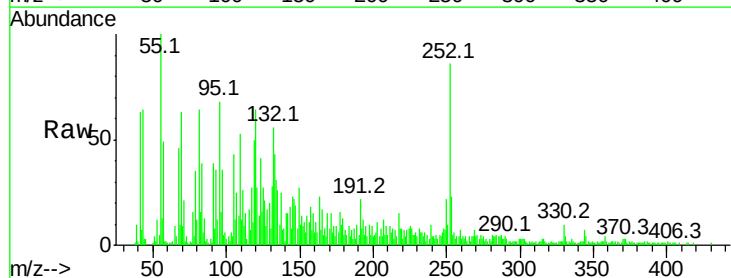
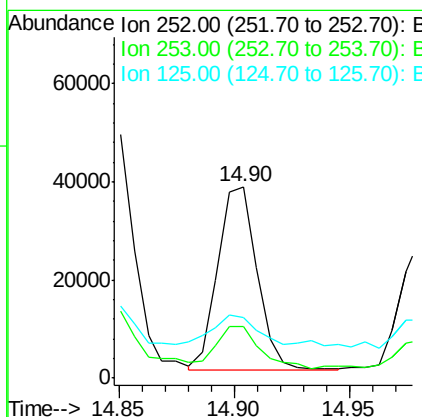
RT: 14.90 min Scan# 2213

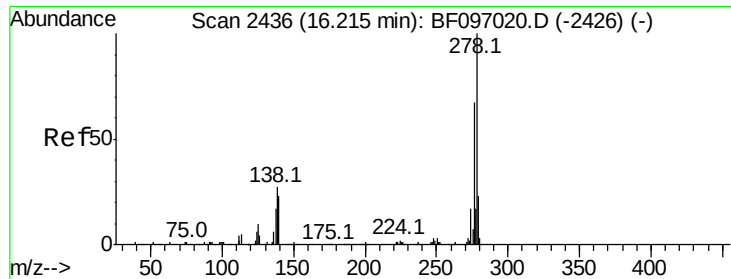
Delta R.T. -0.02 min

Lab File: BF097253.D

Acq: 2 Aug 2017 4:42

Tgt Ion:	252	Resp:	44405
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.5	26.3#
125	31.6	11.0	16.4#





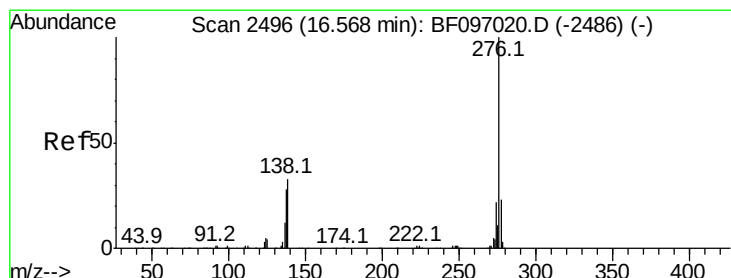
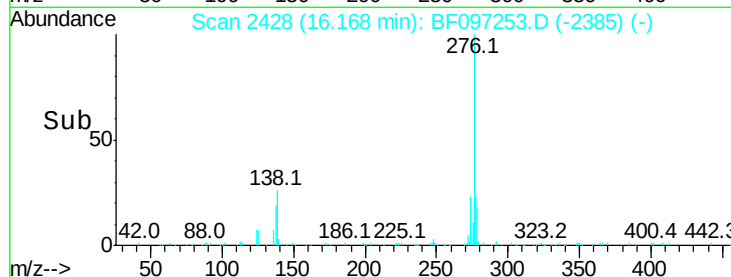
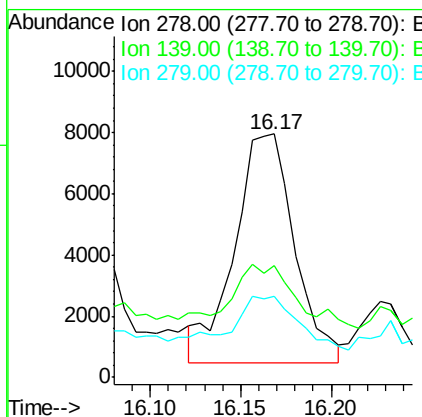
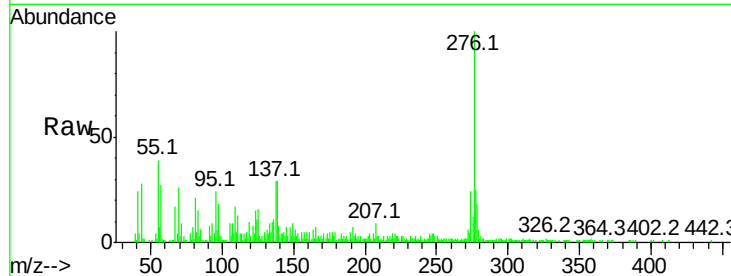
#90
Dibenzo(a,h)anthracene
Concen: 2.941 ng
RT: 16.17 min Scan# 2428
Delta R.T. -0.05 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Instrument :
BNA_F
ClientSampled :
E2-L6-WSW

Tot Ion	Ratio	Lower	Upper
278	100		
139	45.8	16.6	24.8#
279	33.4	19.3	28.9#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 12.937 ng
RT: 16.53 min Scan# 2489
Delta R.T. -0.04 min
Lab File: BF097253.D
Acq: 2 Aug 2017 4:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	28.0
138	34.7	25.4	38.0

