

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097809.D
 Acq On : 18 Aug 2017 2:06
 Operator : SJ/JU
 Sample : I4774-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB442

Manual Integrations
 APPROVED

Sohil
 8/18/2017 7:02:34 PM

Quant Time: Aug 18 12:23:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114047	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	343738	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	112817	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	219151	20.00	ng	0.00
75) Chrysene-d12	13.93	240	235367	20.00	ng	0.00
86) Perylene-d12	15.37	264	155966	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	487702	65.05	ng	0.00
7) Phenol-d6	6.40	99	645869	63.40	ng	0.00
23) Nitrobenzene-d5	7.33	82	388735	61.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	66254	67.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	418958	54.56	ng	0.00
78) Terphenyl-d14	12.89	244	371113	32.88	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.78	142	201719	18.437	ng	# 96
49) Dimethylphthalate	9.53	163	79962	9.696	ng	# 71
51) Acenaphthene	9.86	154	25637	3.405	ng	# 72
57) Fluorene	10.37	166	60876	7.804	ng	# 74
70) Phenanthrene	11.33	178	156396	13.392	ng	# 87
74) Fluoranthene	12.52	202	55904	4.586	ng	89
77) Pyrene	12.74	202	154529	8.027	ng	96
83) Bis(2-ethylhexyl)phthalate	13.93	149	33314	4.073	ng	# 92

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

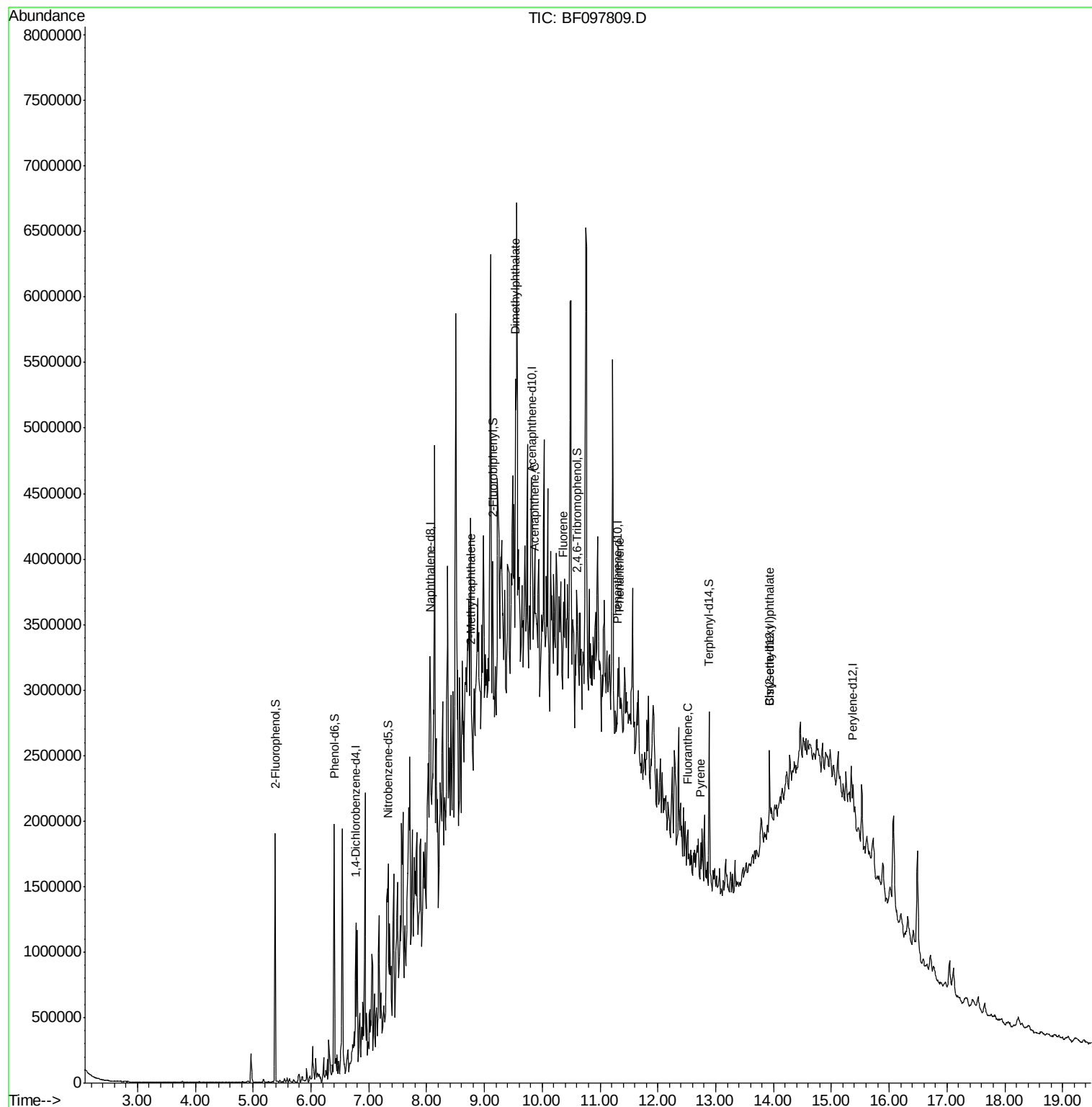
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097809.D
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Operator : SJ/JU
Sample : I4774-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

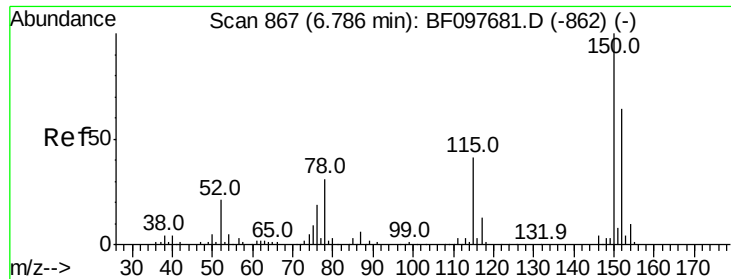
Instrument :
BNA_F
ClientSampleId :
HY-SB442

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Quant Time: Aug 18 12:23:01 2017
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#1

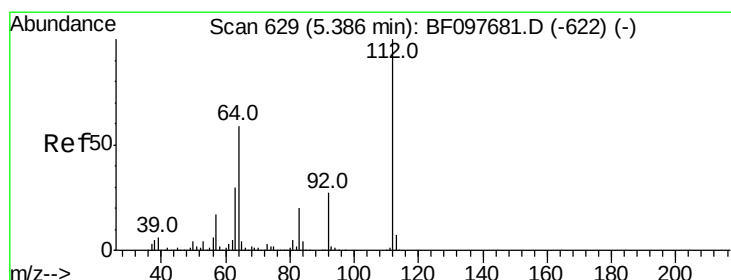
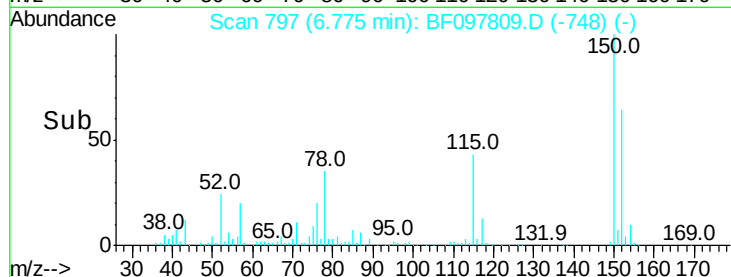
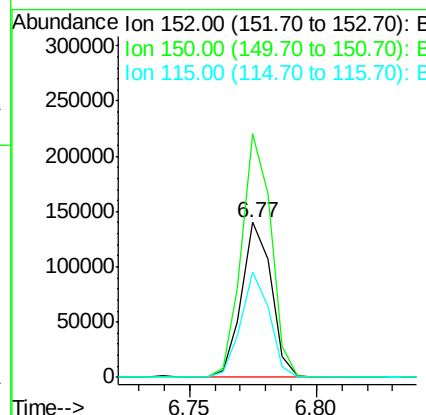
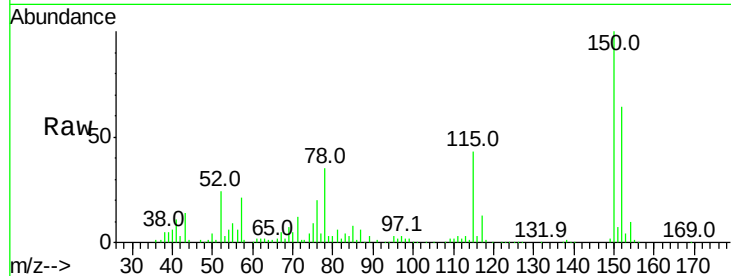
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097809.D
Acq: 18 Aug 2017 2:06

Instrument :
BNA_F
ClientSampleId :
HY-SB442

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	68.2	52.2	78.2

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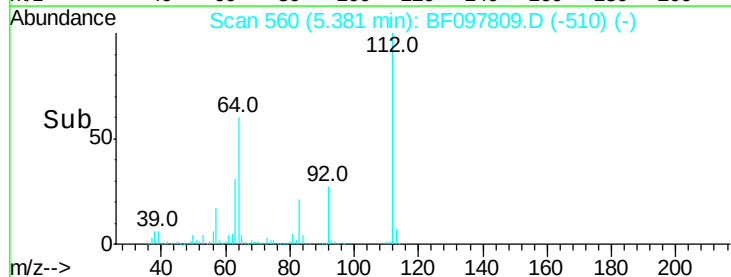
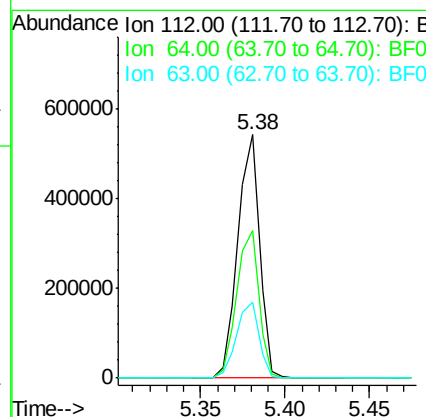
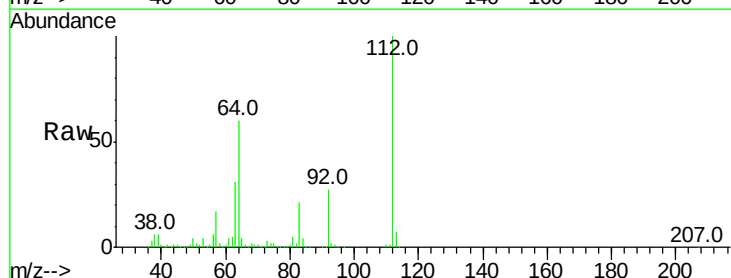
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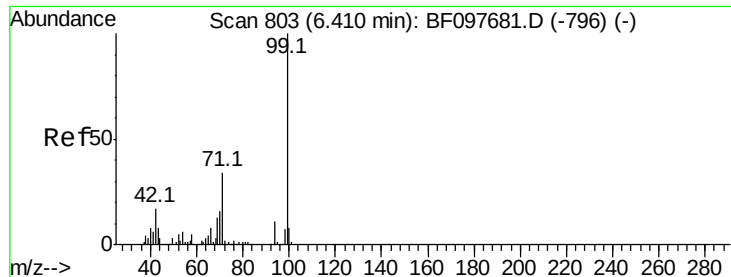


#5

2-Fluorophenol
Concen: 65.046 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097809.D
Acq: 18 Aug 2017 2:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 63.399 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Instrument :

BNA_F

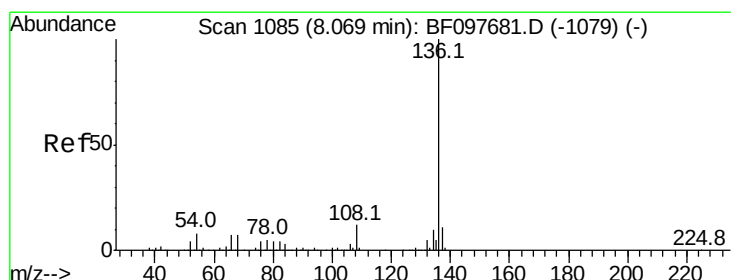
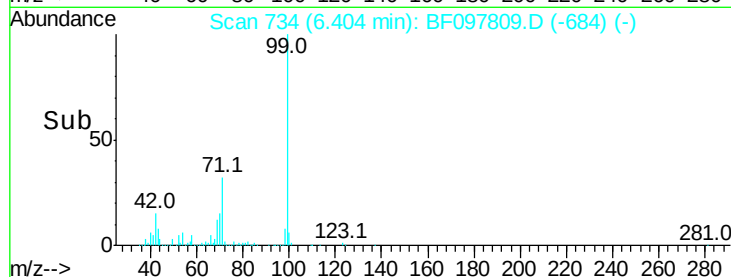
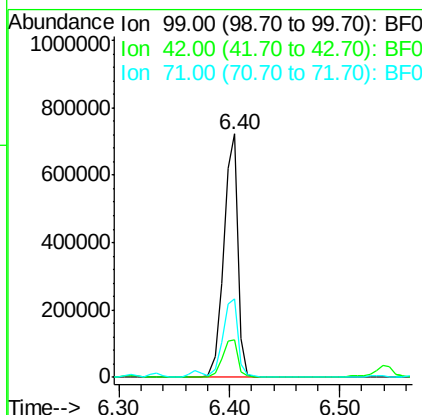
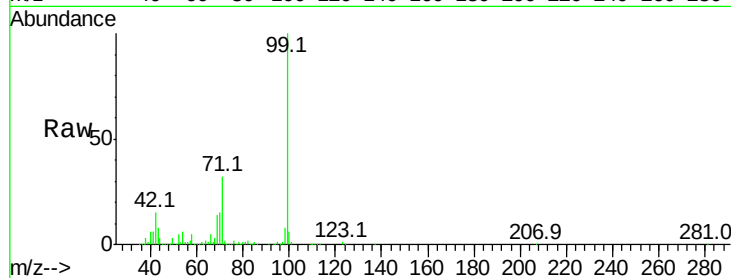
ClientSampled :

HY-SB442

Tot Ion:	99	Resp:	645869
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.5	20.3
71	32.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

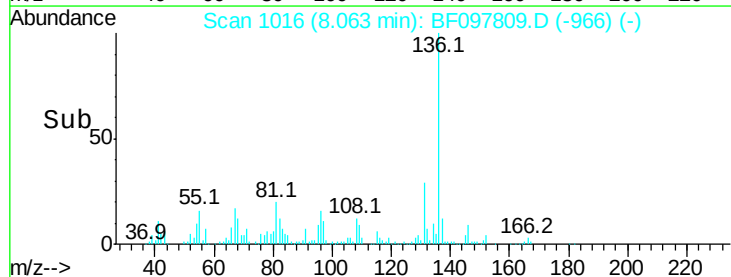
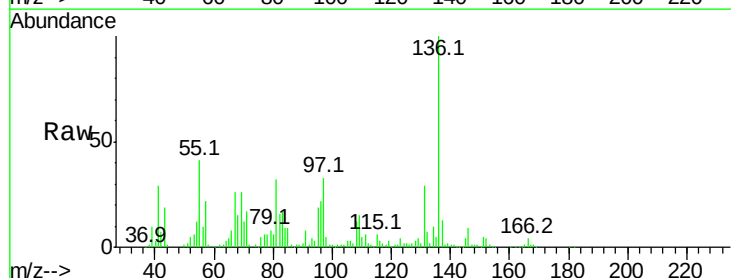
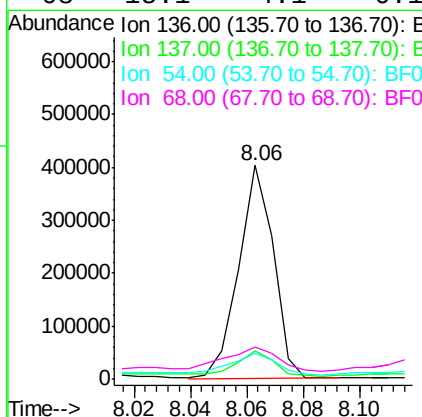
RT: 8.06 min Scan# 1016

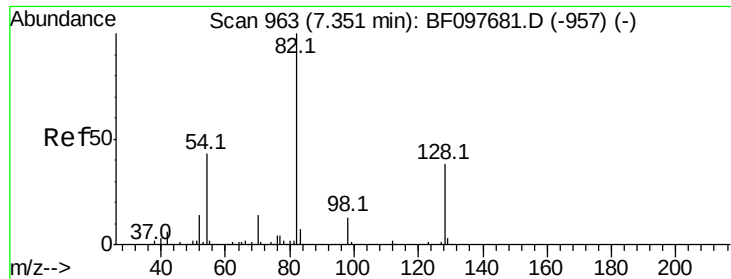
Delta R.T. -0.01 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Tgt Ion:	136	Resp:	343738
Ion Ratio	Lower	Upper	
136	100		
137	13.3	8.5	12.7#
54	11.9	4.9	7.3#
68	15.1	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 61.436 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Instrument :

BNA_F

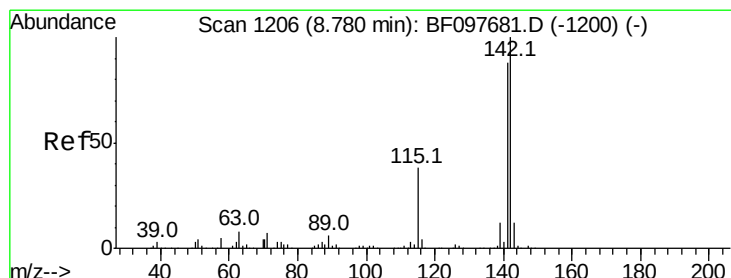
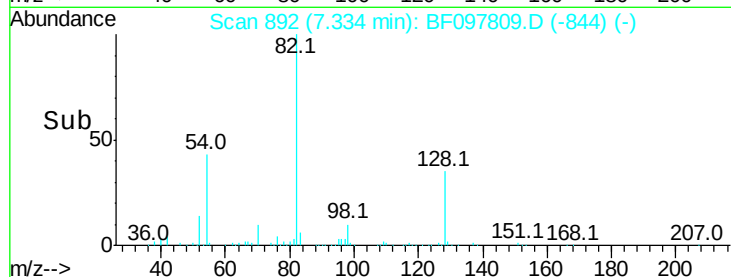
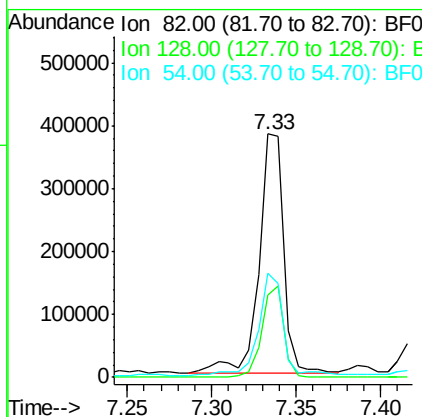
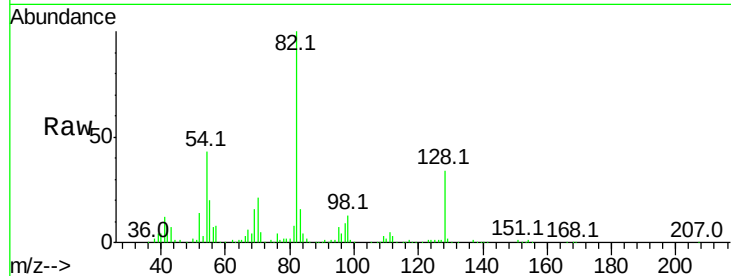
ClientSampleId :

HY-SB442

Tot Ion	82	Resp	388735
Ion Ratio	Lower	Upper	
82	100		
128	34.0	34.0	51.0
54	42.9	42.2	63.2

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#37

2-Methylnaphthalene

Concen: 18.437 ng

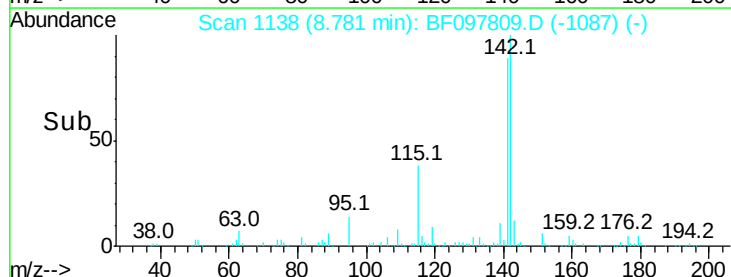
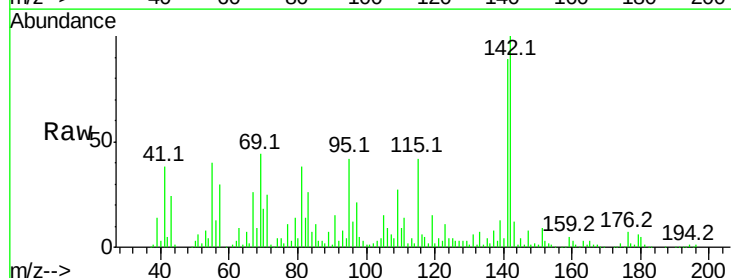
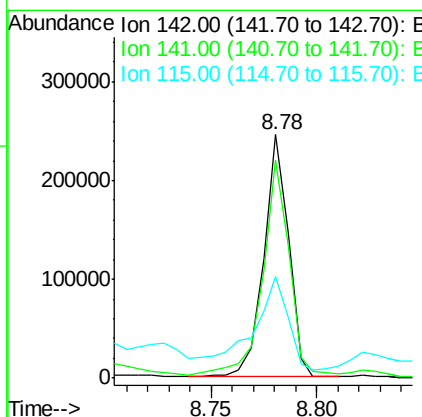
RT: 8.78 min Scan# 1138

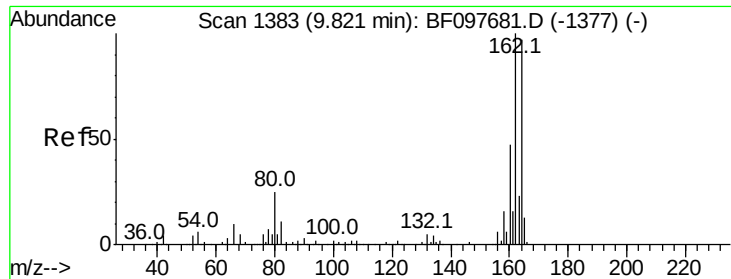
Delta R.T. 0.00 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Tgt Ion	142	Resp	201719
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.3	106.9
115	41.7	27.1	40.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Instrument :

BNA_F

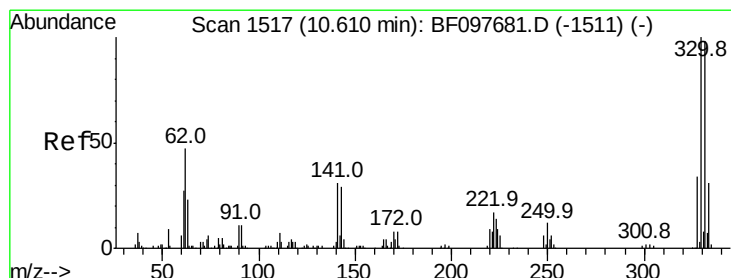
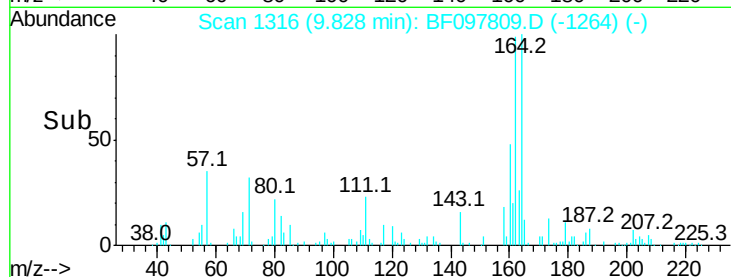
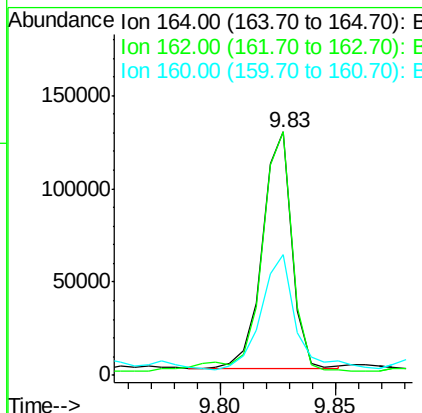
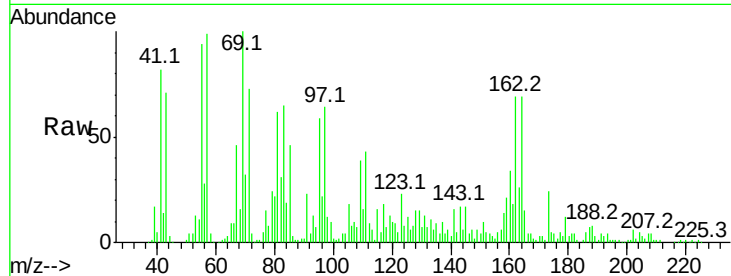
ClientSampleId :

HY-SB442

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	82.6	123.8	
160	49.6	36.2	54.2	

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#41

2,4,6-Tribromophenol

Concen: 67.684 ng

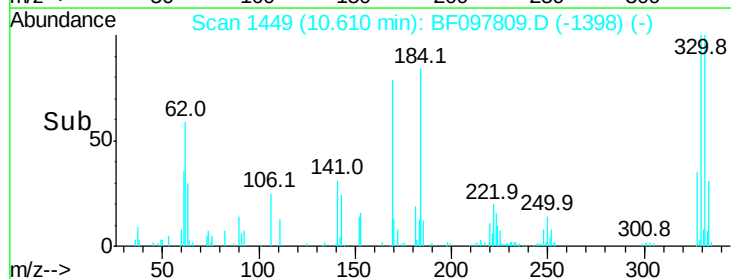
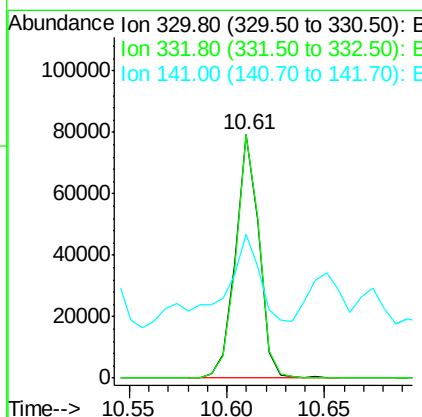
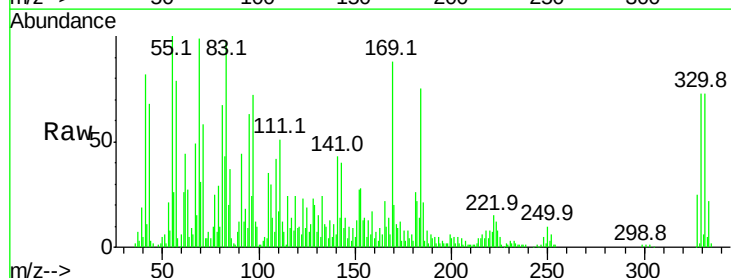
RT: 10.61 min Scan# 1449

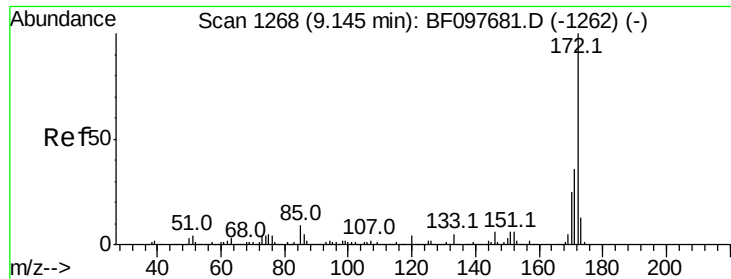
Delta R.T. 0.00 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.5	76.6	115.0	
141	44.5	31.4	47.2	





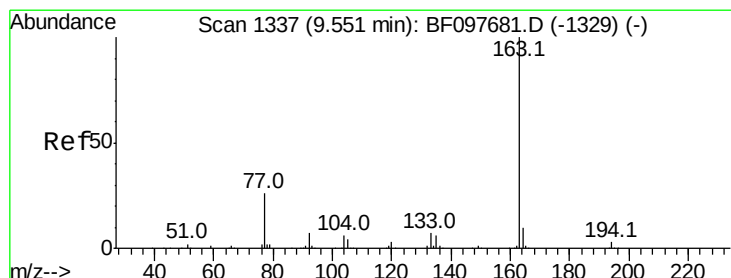
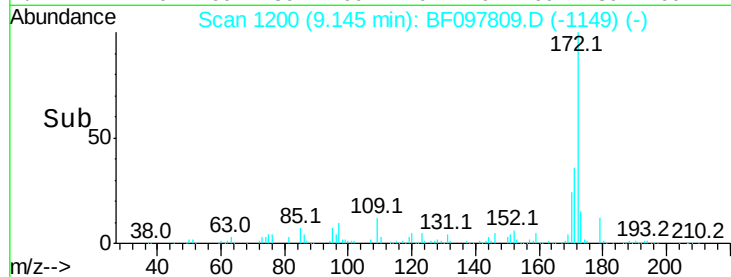
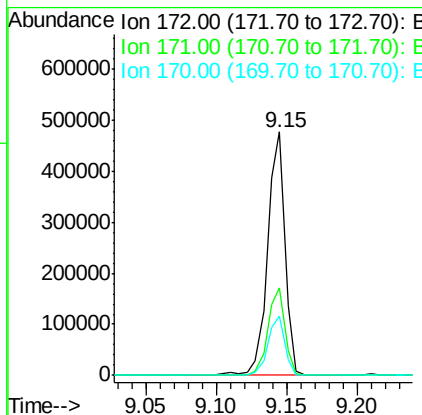
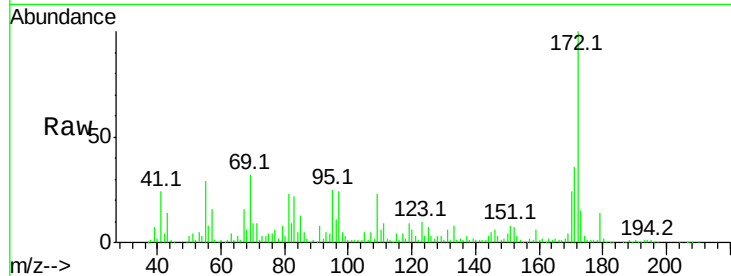
#44
 2-Fluorobiphenyl
 Concen: 54.561 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097809.D
 Acq: 18 Aug 2017 2:06

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB442

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.4	19.8	29.8

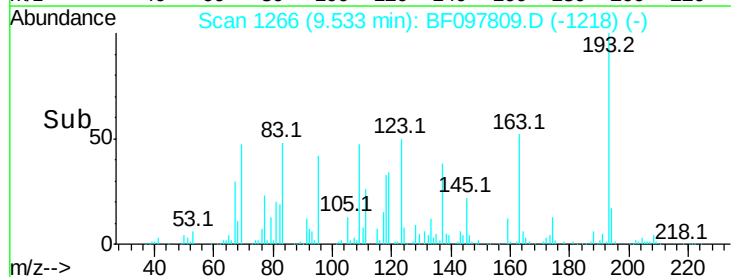
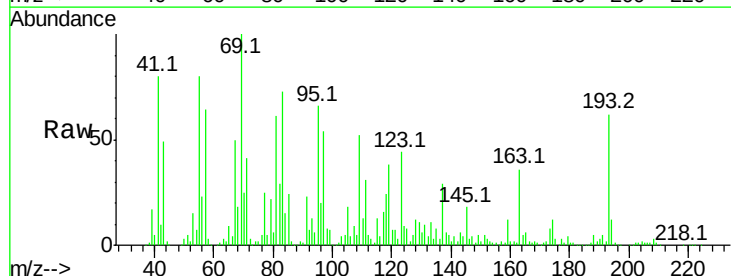
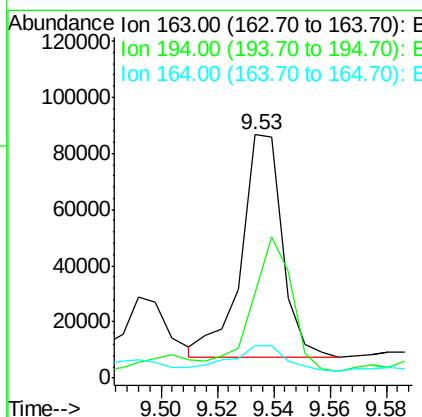
Manual Integrations
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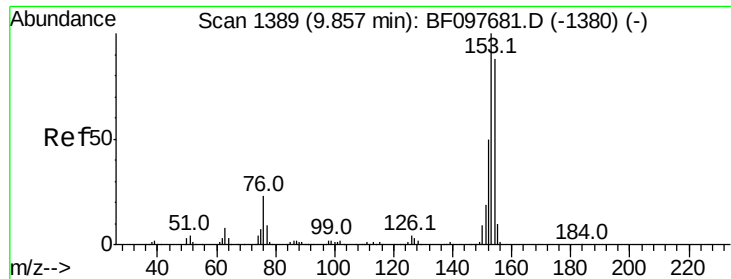
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#49
 Dimethylphthalate
 Concen: 9.696 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF097809.D
 Acq: 18 Aug 2017 2:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	34.9	2.6	4.0#
164	13.3	8.4	12.6#





#51

Acenaphthene

Concen: 3.405 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Instrument :

BNA_F

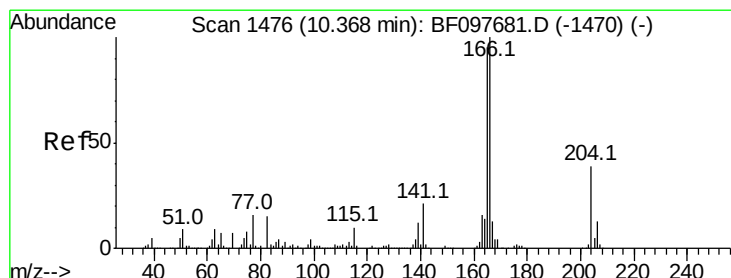
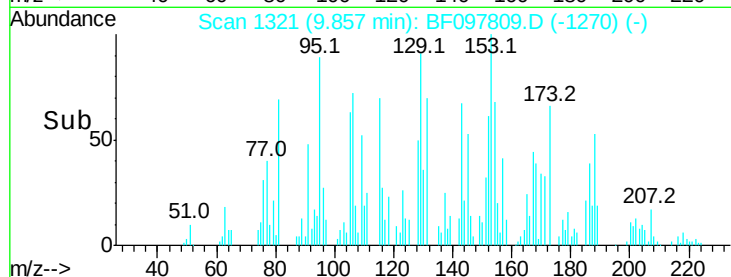
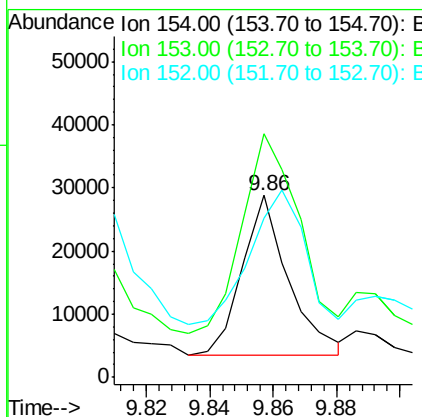
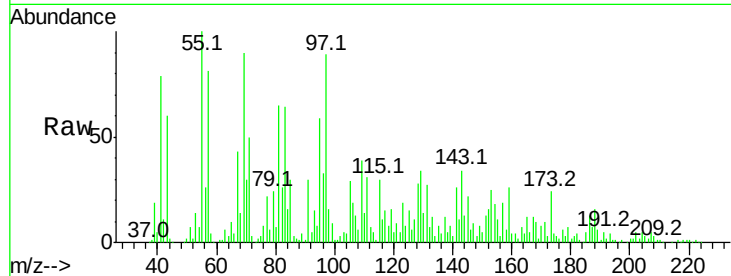
ClientSampleId :

HY-SB442

Tot Ion	Ratio	Lower	Upper
154	100		
153	134.0	90.5	135.7
152	87.3	43.6	65.4

Manual Integrations
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#57

Fluorene

Concen: 7.804 ng

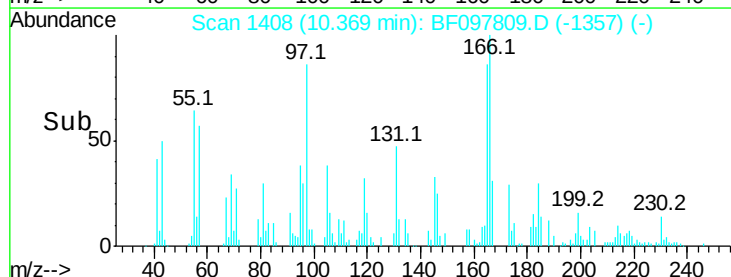
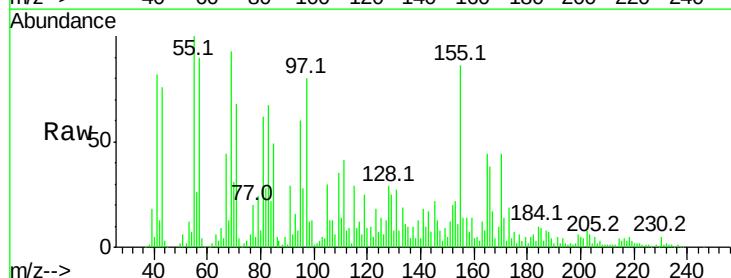
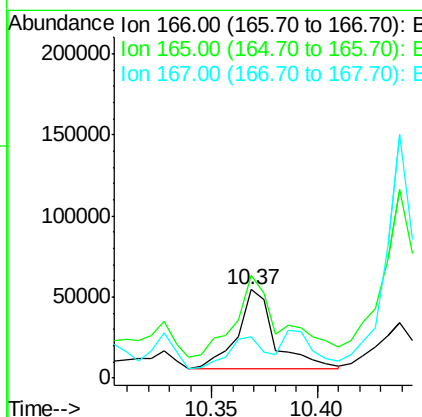
RT: 10.37 min Scan# 1408

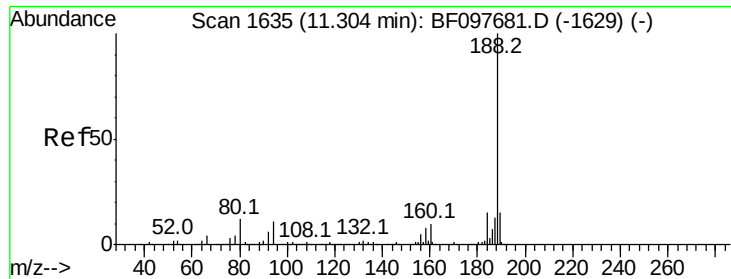
Delta R.T. 0.00 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	116.2	78.8	118.2
167	46.2	10.6	16.0





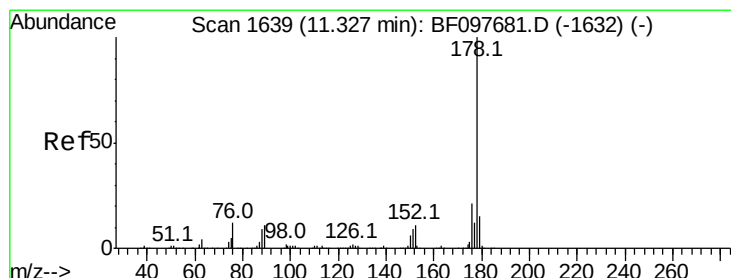
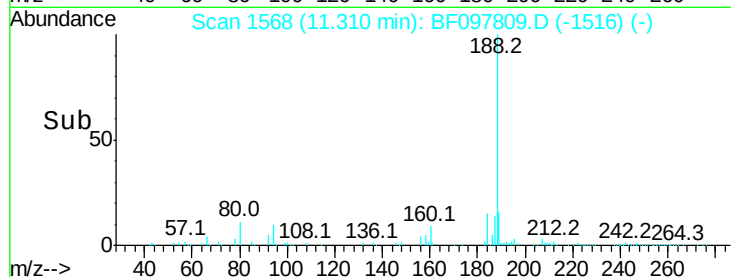
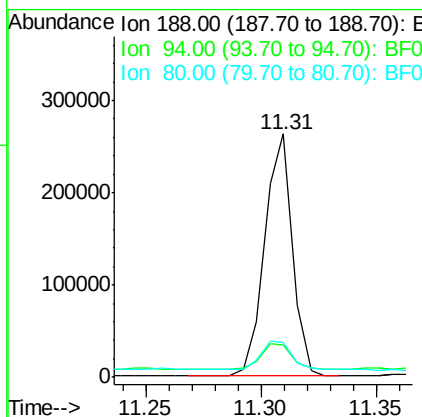
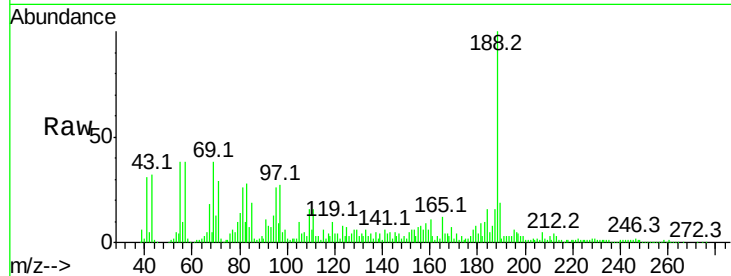
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BF097809.D
Acq: 18 Aug 2017 2:06

Instrument :
BNA_F
ClientSampleId :
HY-SB442

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.4	9.4	14.2
80	14.4	10.2	15.2

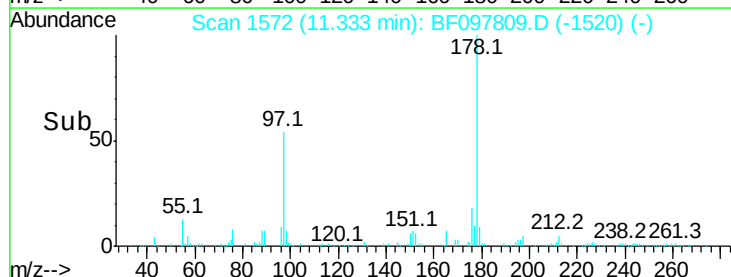
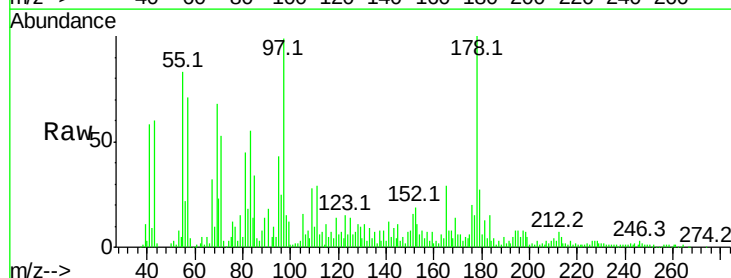
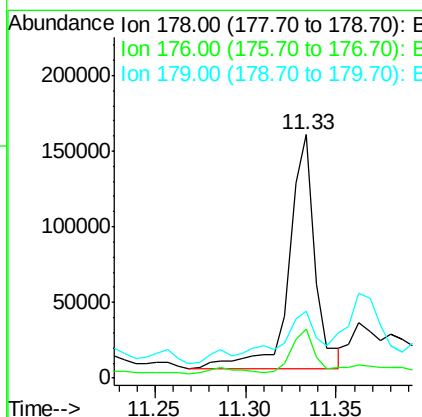
Manual Integrations
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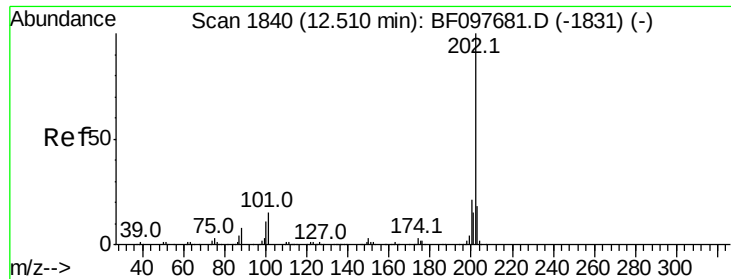
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#70
Phenanthrene
Concen: 13.392 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF097809.D
Acq: 18 Aug 2017 2:06

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.9	16.2	24.4
179	27.5	12.6	19.0





#74

Fluoranthene

Concen: 4.586 ng

RT: 12.52 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Instrument :

BNA_F

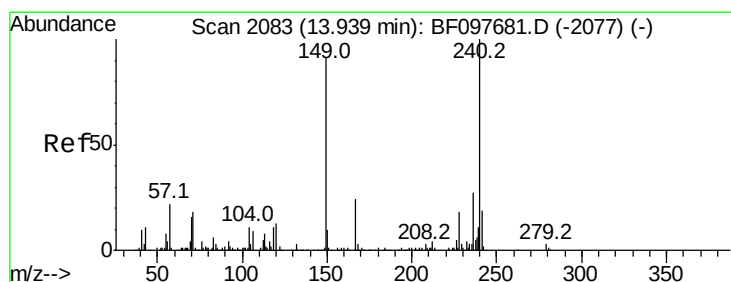
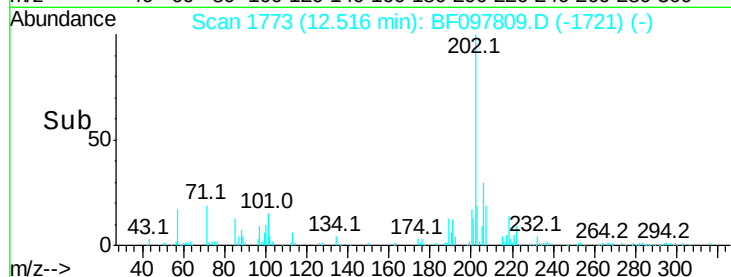
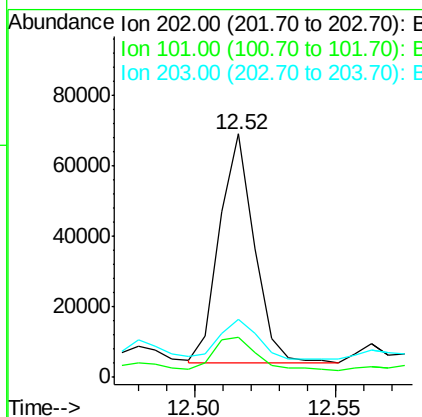
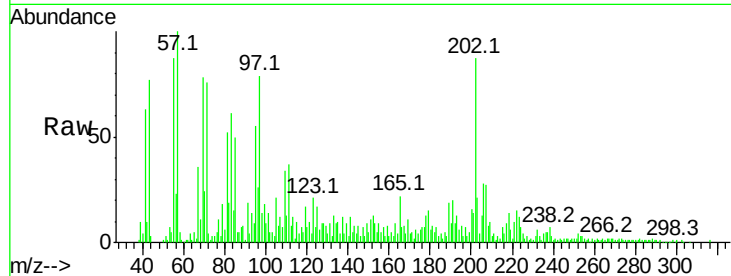
ClientSampleId :

HY-SB442

Tot Ion:	202	Resp:	55904
Ion Ratio	Lower	Upper	
202	100		
101	16.5	0.0	33.2
203	23.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

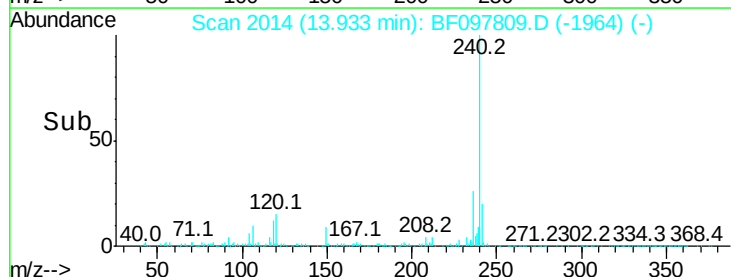
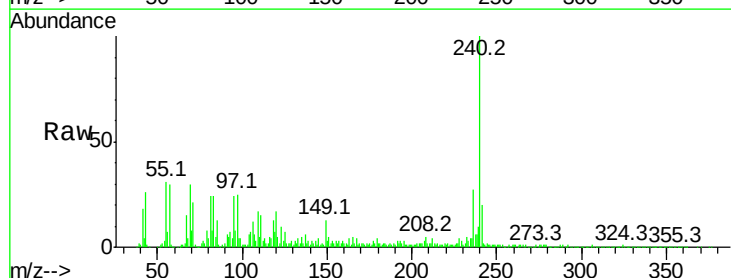
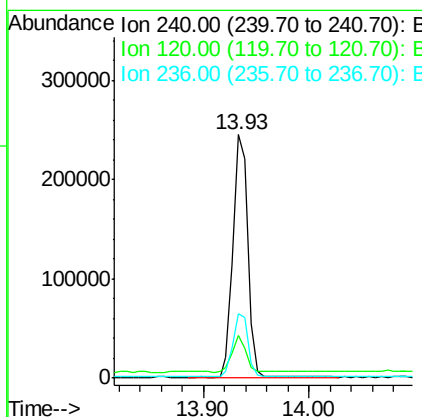
RT: 13.93 min Scan# 2014

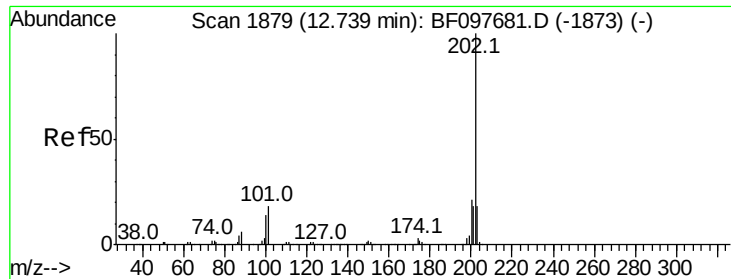
Delta R.T. -0.01 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Tgt Ion:	240	Resp:	235367
Ion Ratio	Lower	Upper	
240	100		
120	17.4	5.8	8.8#
236	26.5	20.5	30.7





#77

Pvrene

Concen: 8.027 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Instrument :

BNA_F

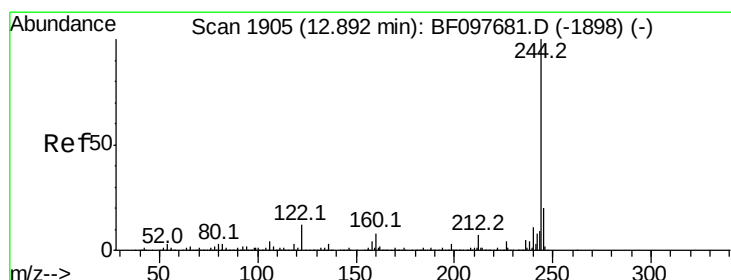
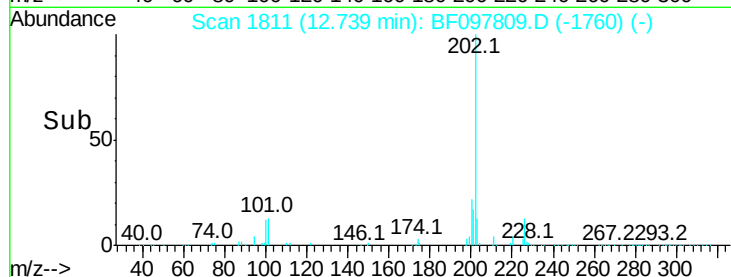
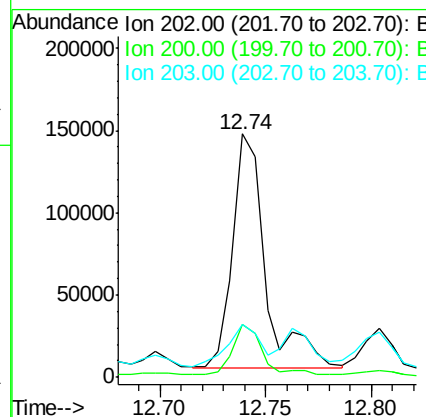
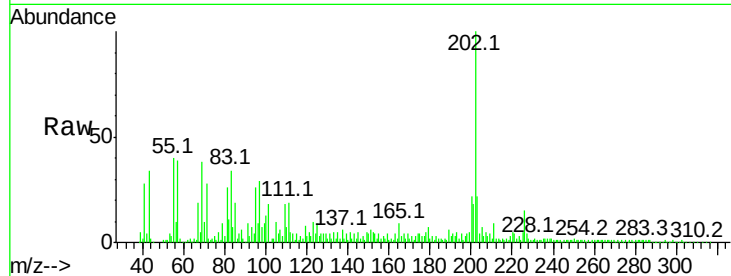
ClientSampleId :

HY-SB442

Tot Ion:	202	Resp:	154529
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	21.5	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 32.880 ng

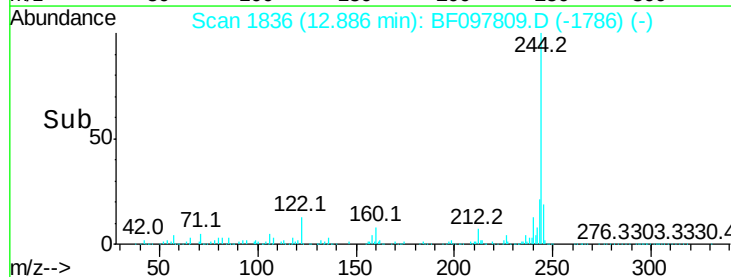
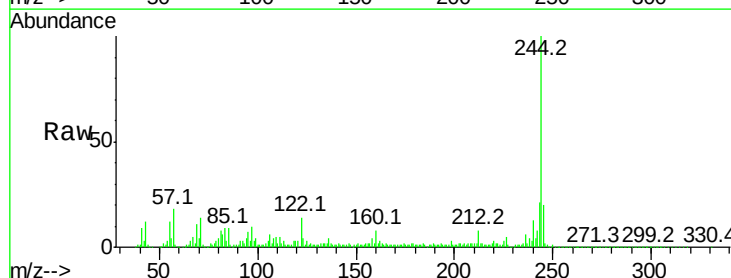
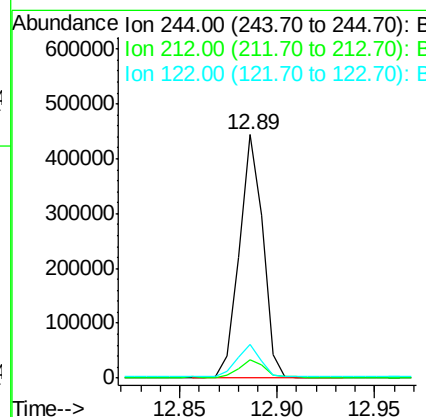
RT: 12.89 min Scan# 1836

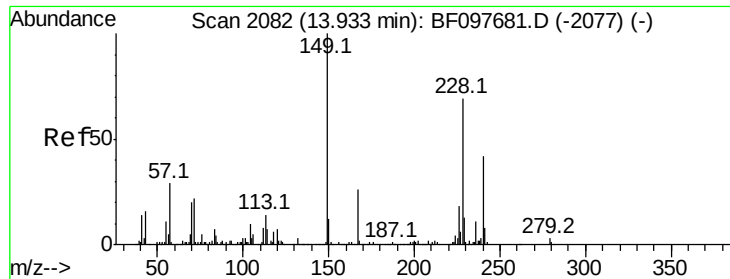
Delta R.T. -0.01 min

Lab File: BF097809.D

Acq: 18 Aug 2017 2:06

Tgt Ion:	244	Resp:	371113
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	14.0	10.3	15.5





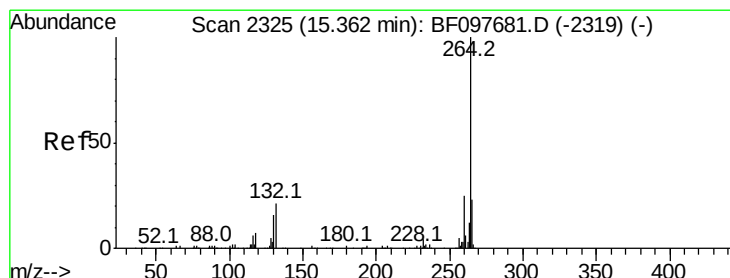
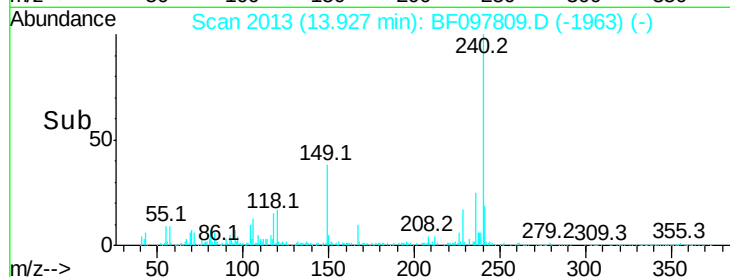
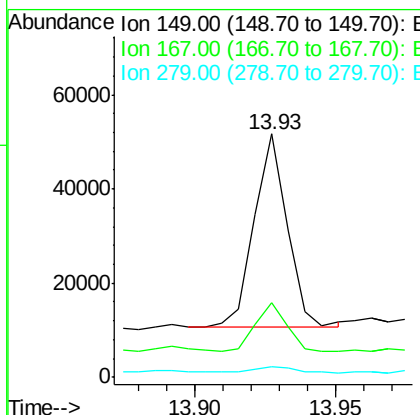
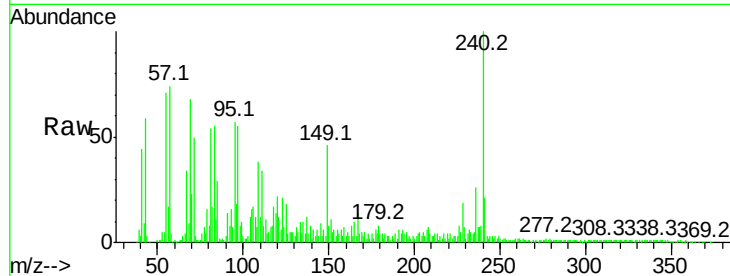
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.073 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097809.D
Acq: 18 Aug 2017 2:06

Instrument :
BNA_F
ClientSampleId :
HY-SB442

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	30.7	21.0	31.4
279	4.4	1.9	2.9

Manual Integrations
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Sohil
8/18/2017 7:02:34 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF097809.D
Acq: 18 Aug 2017 2:06

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.2	25.8

