

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097937.D
 Acq On : 22 Aug 2017 6:38
 Operator : SJ/JU
 Sample : I4872-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Manual Integrations
 APPROVED

Sohil
 8/22/2017 5:45:31 PM

Quant Time: Aug 22 08:16:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	120989	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	436867	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	160165	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	286306	20.00	ng	0.00
75) Chrysene-d12	13.90	240	240886	20.00	ng	0.00
86) Perylene-d12	15.32	264	154918	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	773663	97.26	ng	0.00
7) Phenol-d6	6.39	99	1095051	101.32	ng	0.00
23) Nitrobenzene-d5	7.32	82	640203	79.61	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	112280	80.79	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	862034	79.08	ng	0.00
78) Terphenyl-d14	12.86	244	676059	58.53	ng	0.01
Target Compounds						
10) Phenol	6.40	94	33166	2.624	ng	92
49) Dimethylphthalate	9.50	163	103649	8.853	ng	97
74) Fluoranthene	12.71	202	45718	2.871	ng	85
77) Pyrene	12.71	202	45841	2.327	ng	97

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

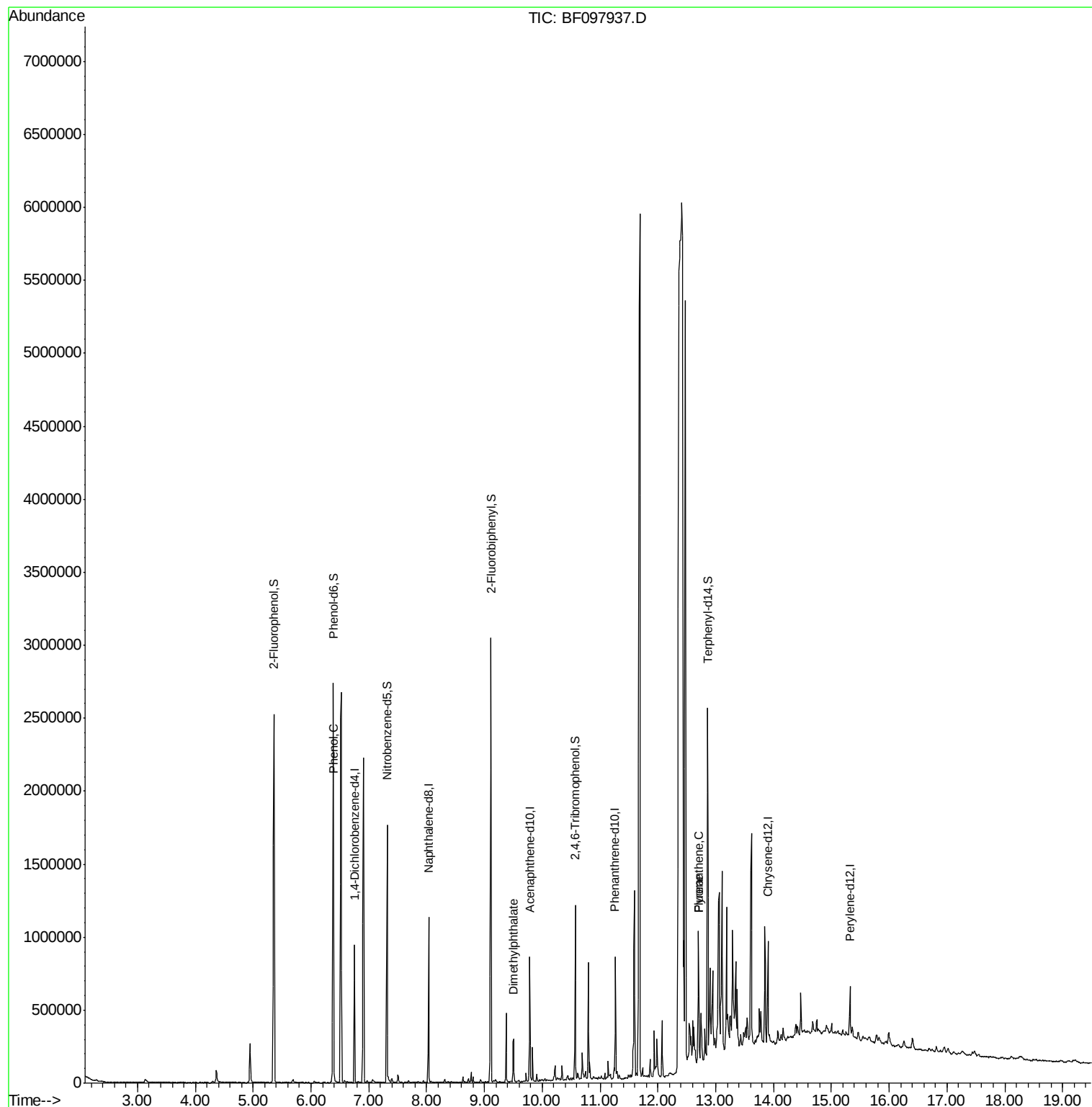
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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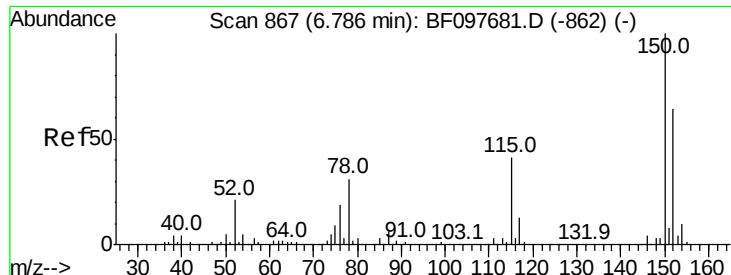
Instrument :
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#1

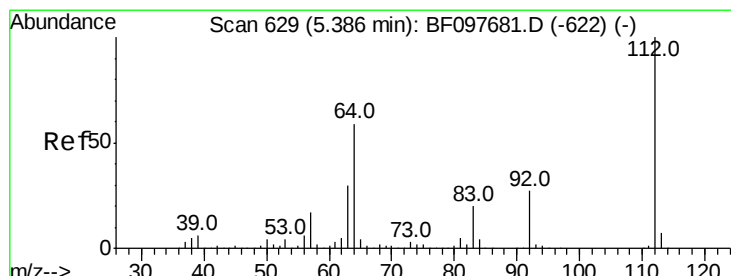
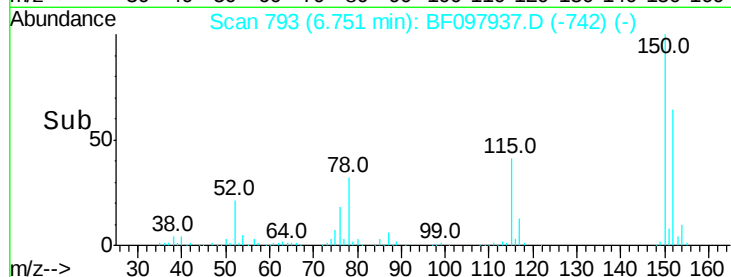
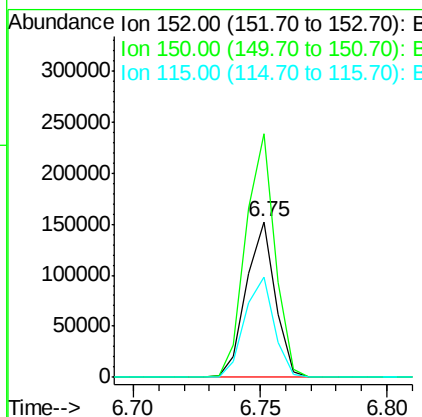
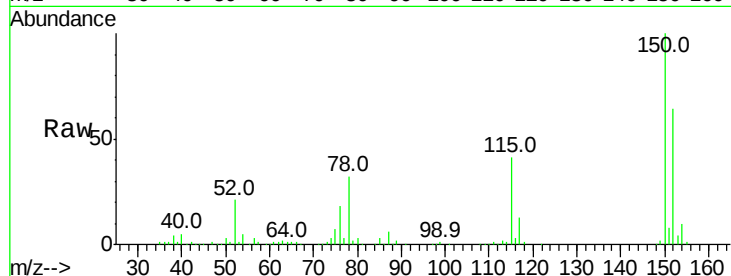
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097937.D
Acq: 22 Aug 2017 6:38

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	64.8	52.2	78.2

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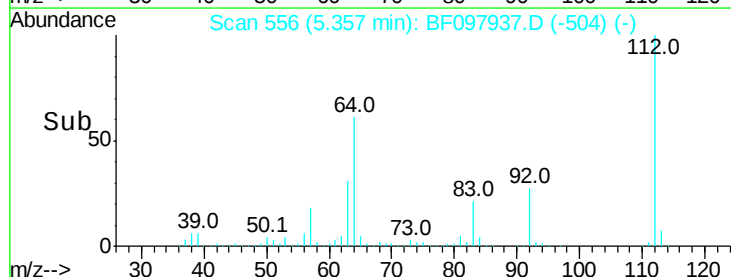
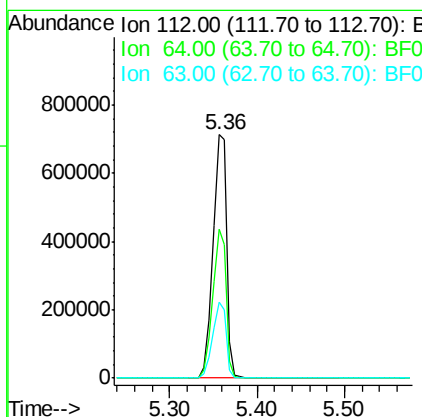
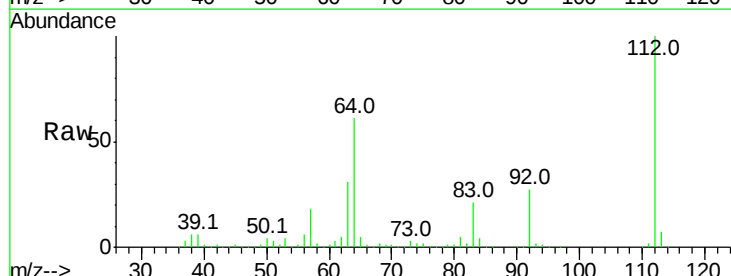
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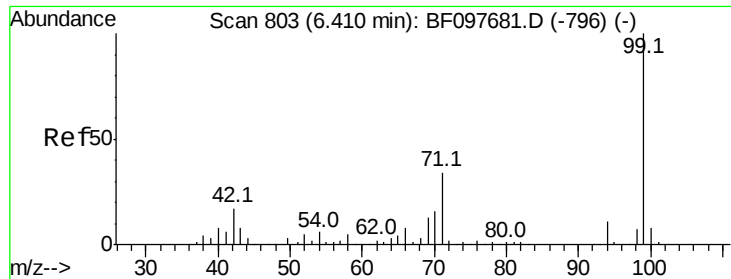


#5

2-Fluorophenol
Concen: 97.265 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097937.D
Acq: 22 Aug 2017 6:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 101.324 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097937.D

Acq: 22 Aug 2017 6:38

Instrument :

BNA_F

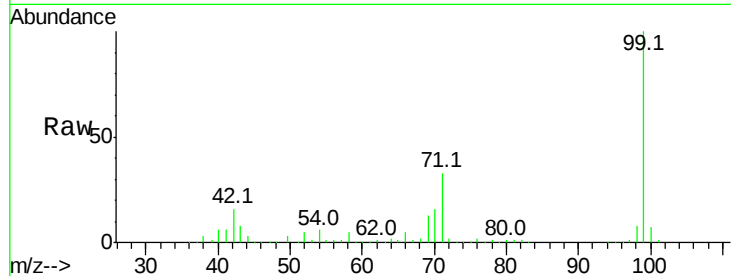
ClientSampled :

SB-04-COMP

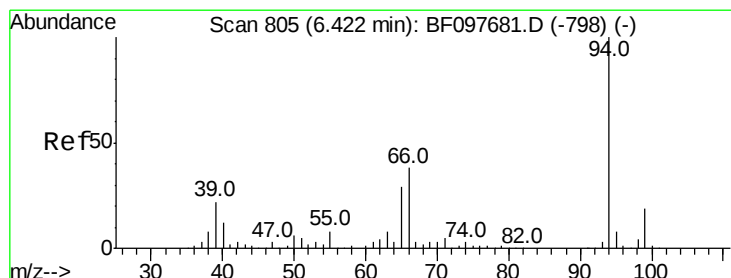
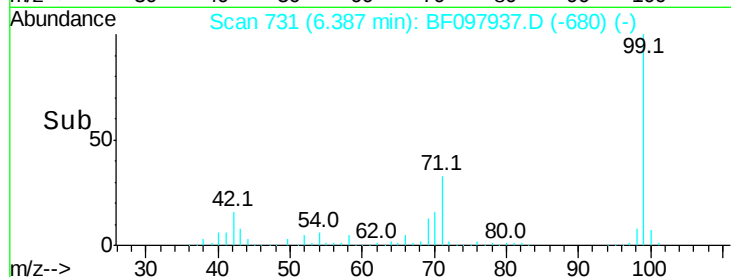
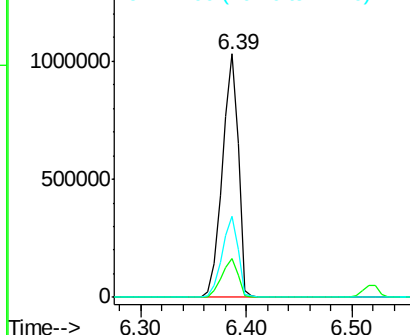
Tot Ion:	99	Resp:	1095051
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	33.4	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.624 ng

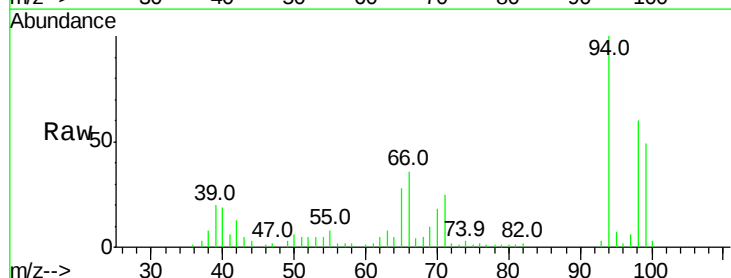
RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

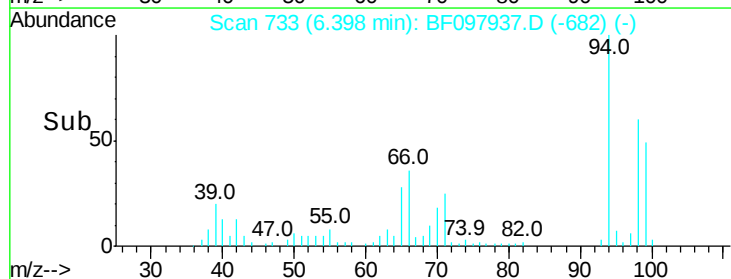
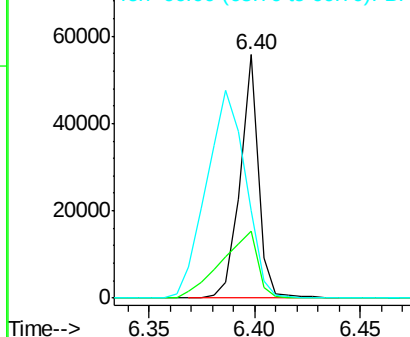
Lab File: BF097937.D

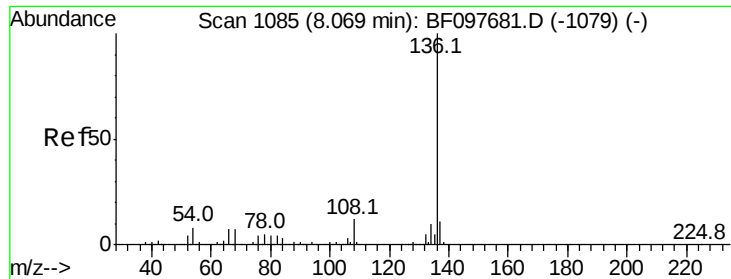
Acq: 22 Aug 2017 6:38

Tgt Ion:	94	Resp:	33166
Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	35.8	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





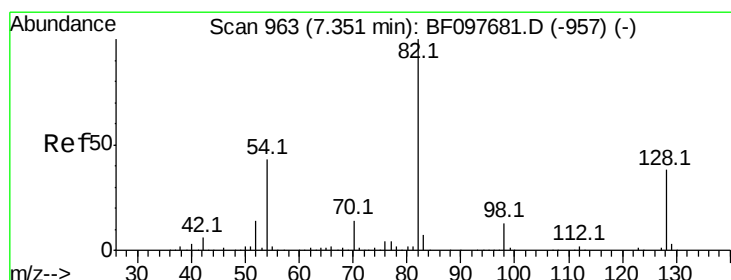
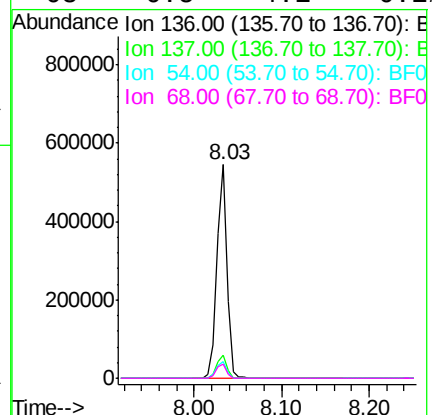
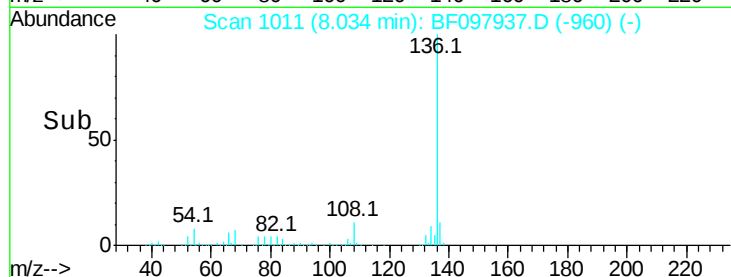
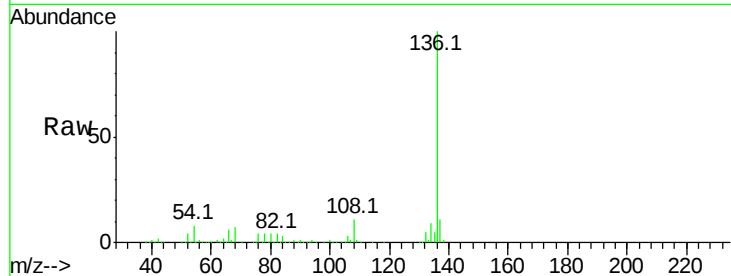
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097937.D
Acq: 22 Aug 2017 6:38

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	4.9	7.3#
68	6.5	4.1	6.1#

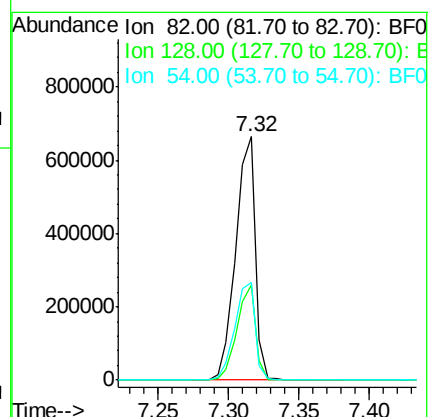
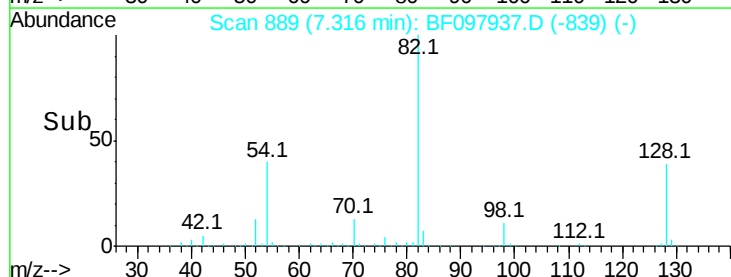
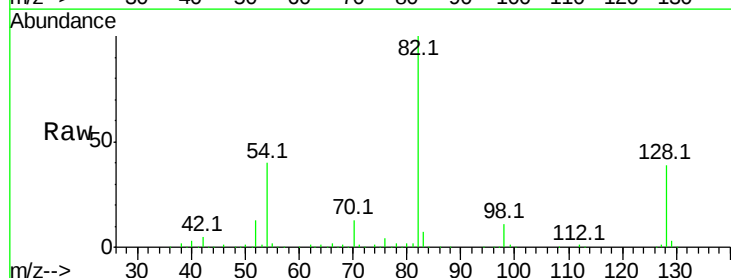
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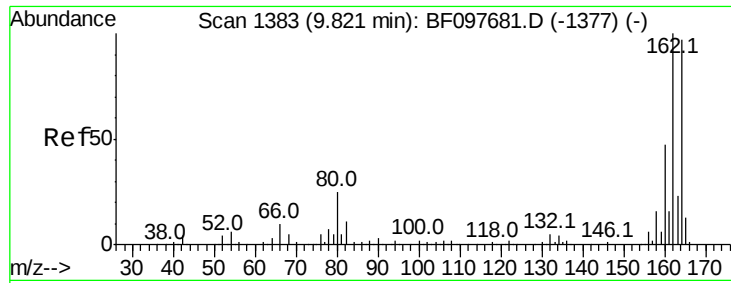
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#23
Nitrobenzene-d5
Concen: 79.610 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF097937.D
Acq: 22 Aug 2017 6:38

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.1	34.0	51.0
54	39.9	42.2	63.2#





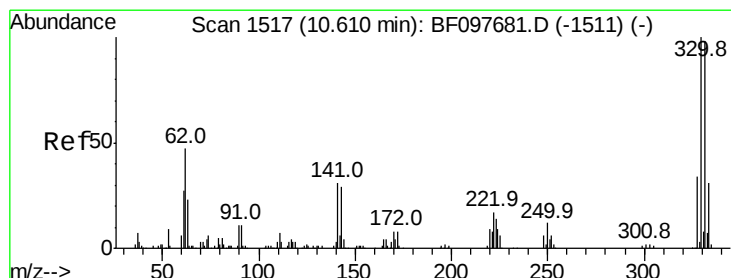
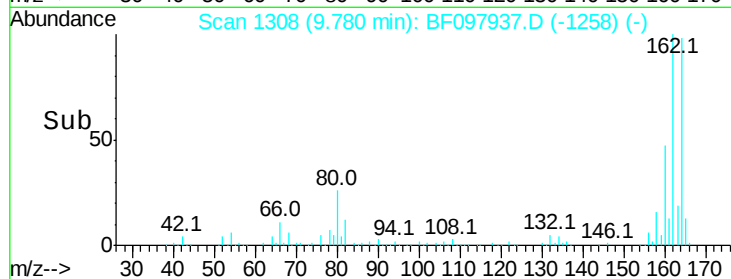
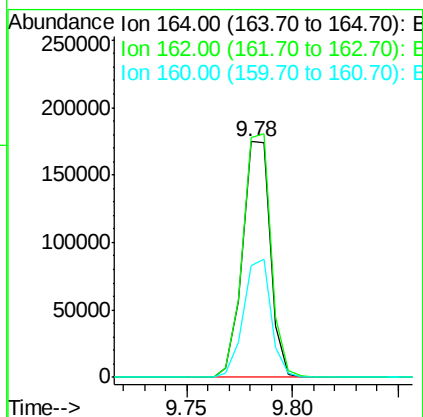
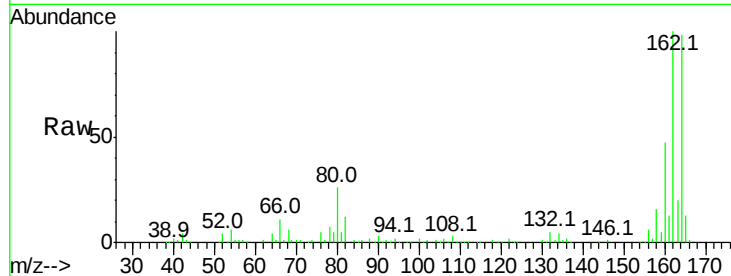
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097937.D
 Acq: 22 Aug 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	160165		
162	101.8	82.6	123.8	
160	47.6	36.2	54.2	

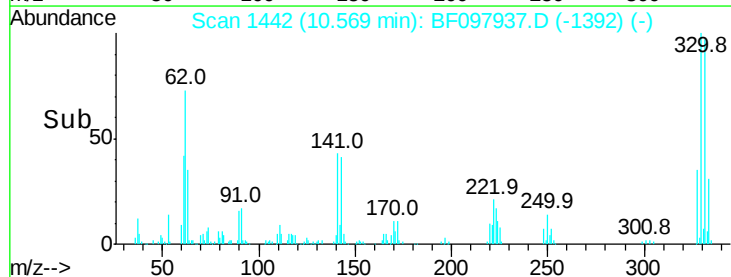
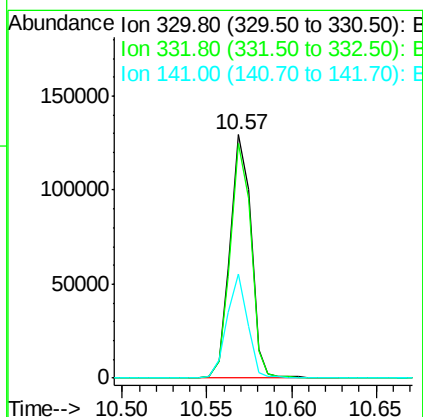
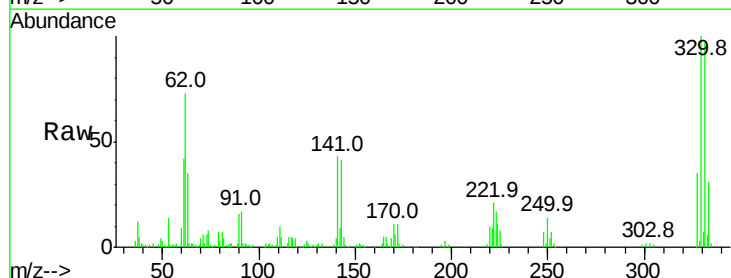
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#41
 2,4,6-Tribromophenol
 Concen: 80.795 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097937.D
 Acq: 22 Aug 2017 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	112280		
332	95.6	76.6	115.0	
141	42.1	31.4	47.2	





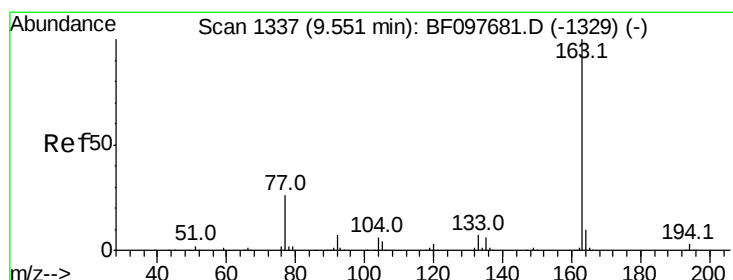
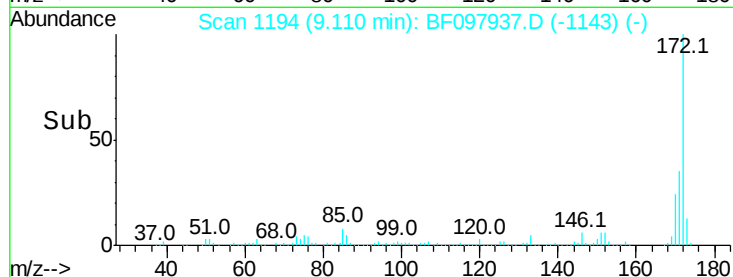
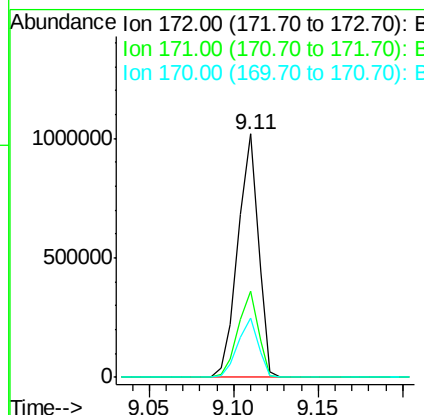
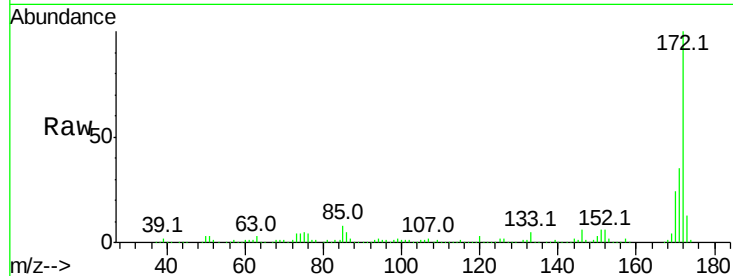
#44
2-Fluorobiphenyl
Concen: 79.075 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097937.D
Acq: 22 Aug 2017 6:38

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.4	29.6	44.4
170	24.4	19.8	29.8

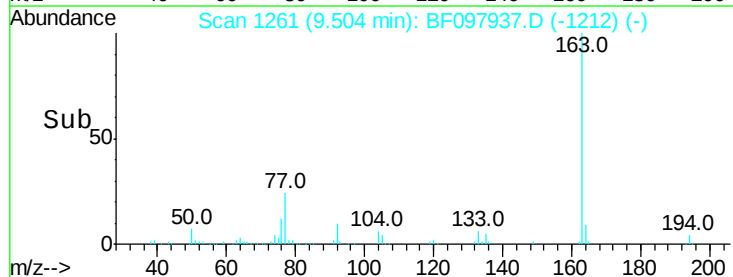
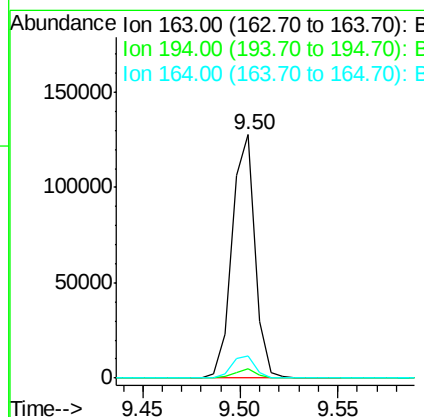
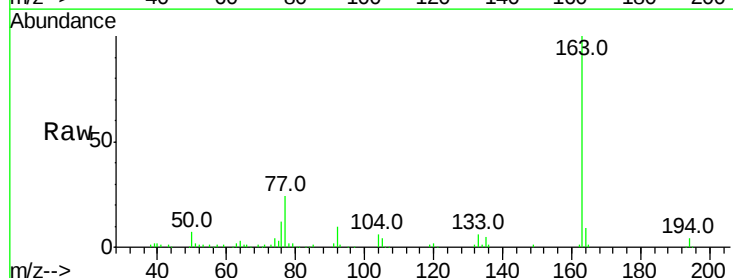
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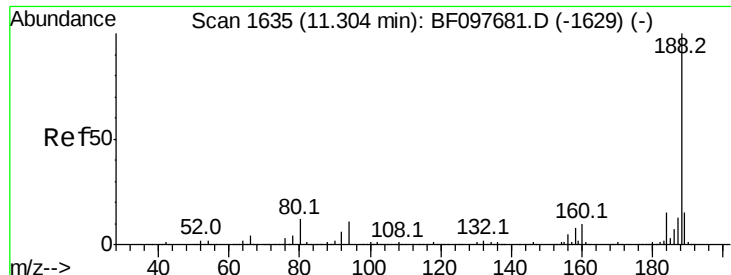
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#49
Dimethylphthalate
Concen: 8.853 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097937.D
Acq: 22 Aug 2017 6:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.6	4.0
164	9.2	8.4	12.6





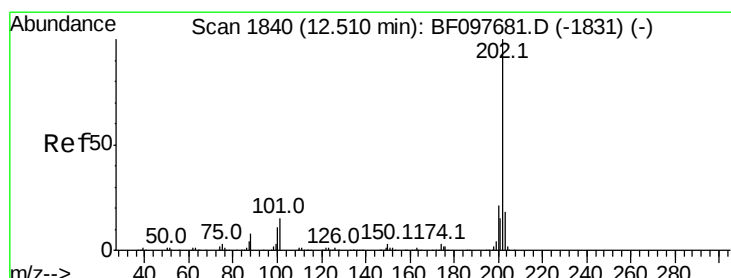
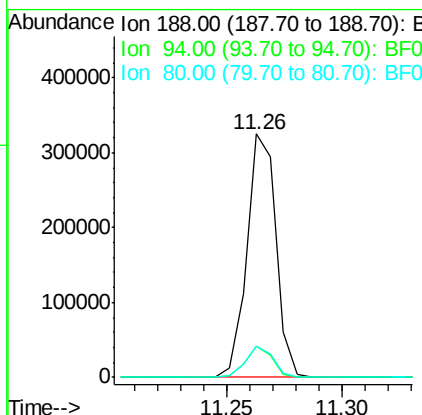
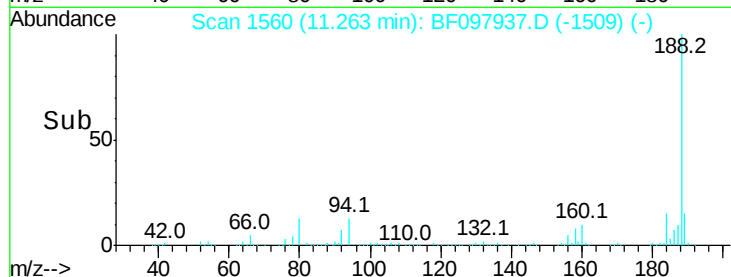
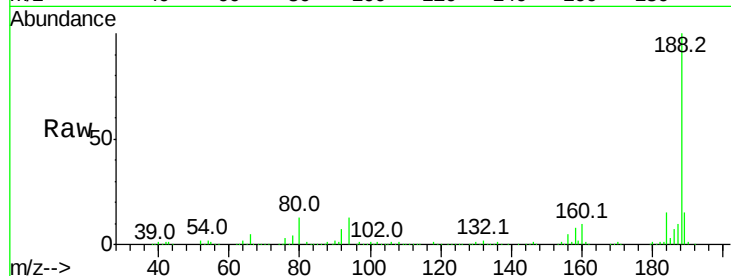
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097937.D
 Acq: 22 Aug 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tot Ion:	188	Resp:	286306
Ion Ratio	Lower	Upper	
188	100		
94	12.6	9.4	14.2
80	12.8	10.2	15.2

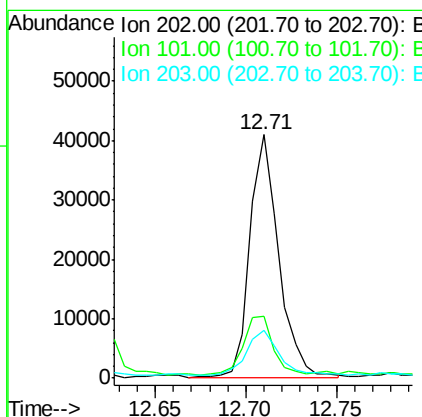
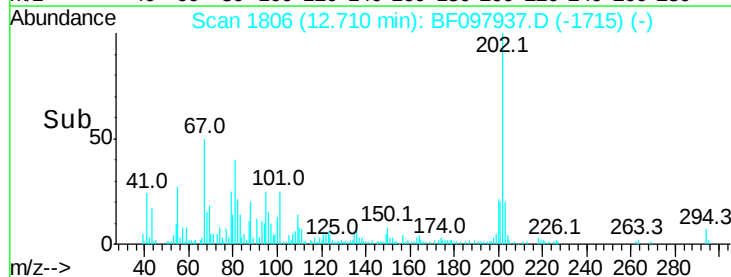
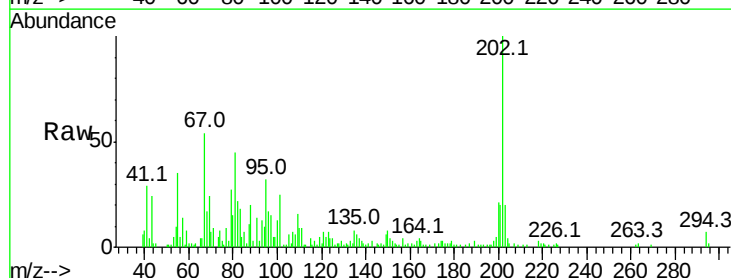
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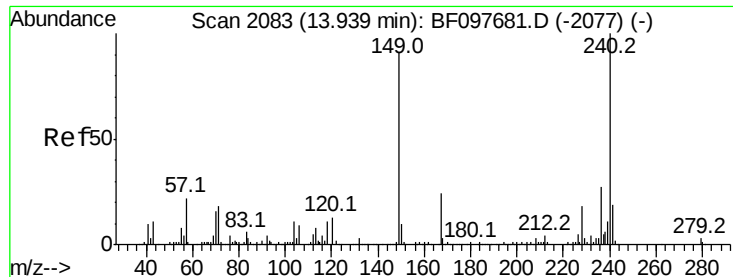
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#74
 Fluoranthene
 Concen: 2.871 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.24 min
 Lab File: BF097937.D
 Acq: 22 Aug 2017 6:38

Tgt Ion:	202	Resp:	45718
Ion Ratio	Lower	Upper	
202	100		
101	25.3	0.0	33.2
203	19.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097937.D

Acq: 22 Aug 2017 6:38

Instrument :

BNA_F

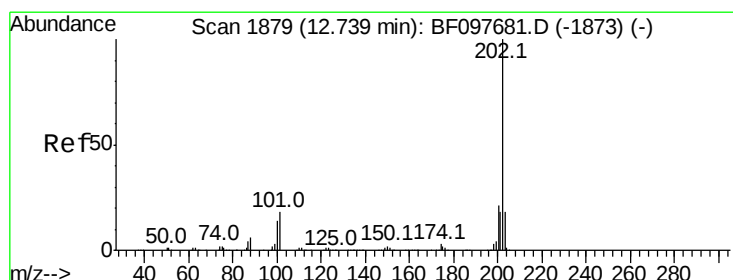
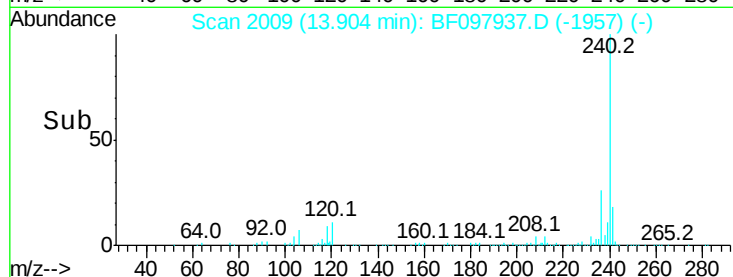
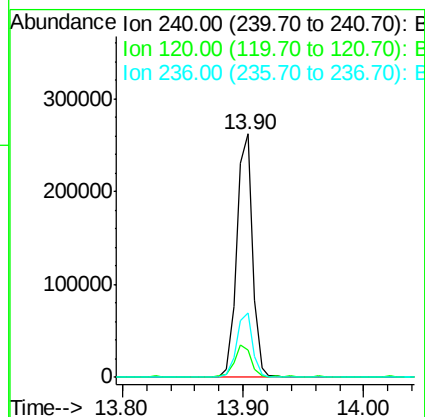
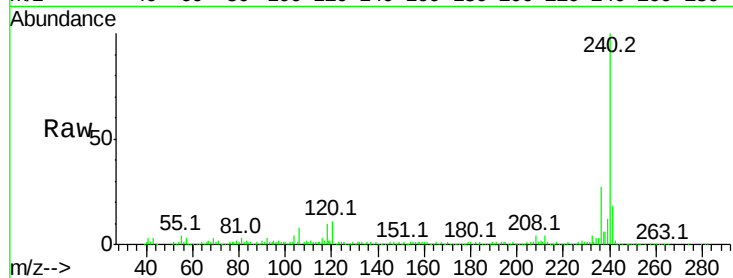
ClientSampleId :

SB-04-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.4	5.8	8.8#	
236	26.5	20.5	30.7	

Manual Integrations
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#77

Pyrene

Concen: 2.327 ng

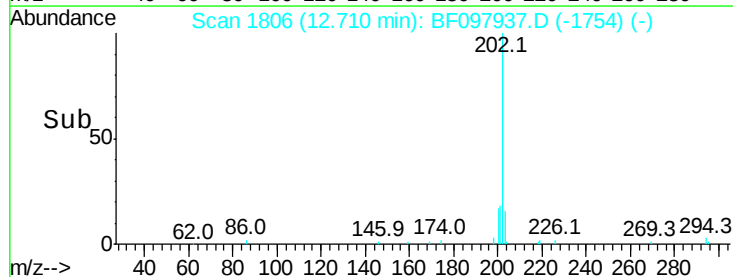
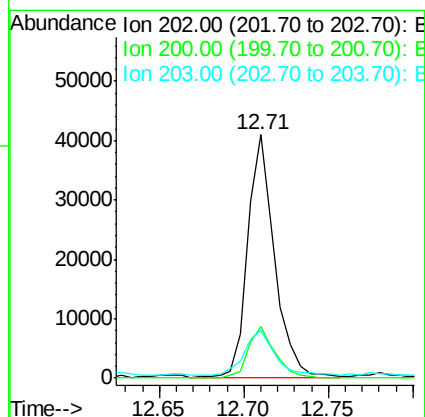
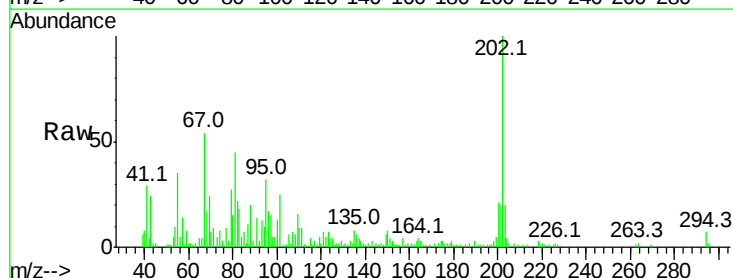
RT: 12.71 min Scan# 1806

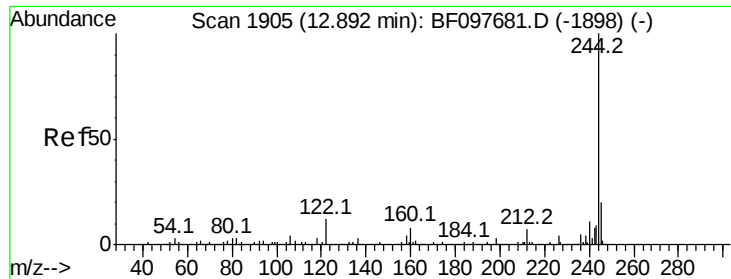
Delta R.T. 0.01 min

Lab File: BF097937.D

Acq: 22 Aug 2017 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.0	17.6	26.4	
203	19.6	14.4	21.6	





#78

Terphenyl-d14

Concen: 58.526 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF097937.D

Acq: 22 Aug 2017 6:38

Instrument :

BNA_F

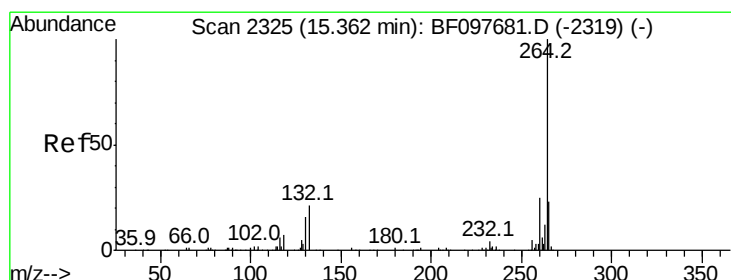
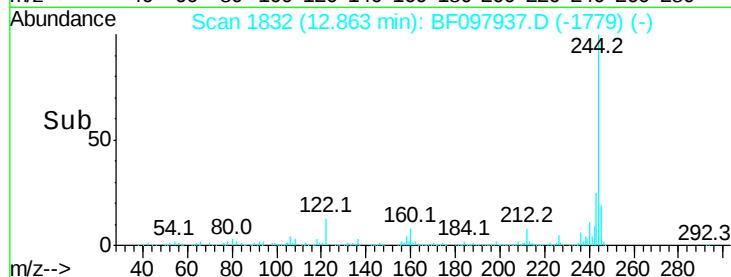
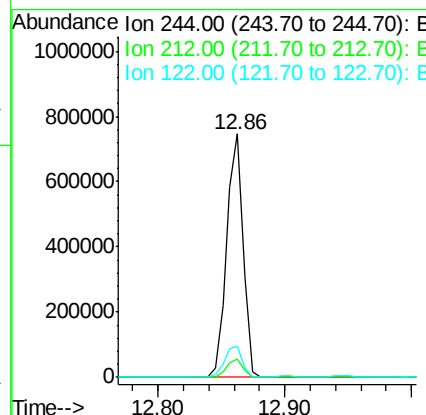
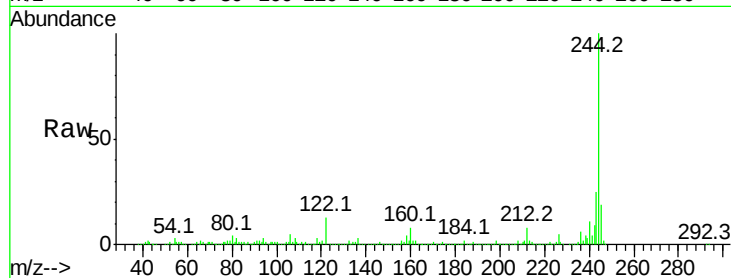
ClientSampleId :

SB-04-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.9	10.3	15.5

Manual Integrations
APPROVED

Sohil
8/22/2017 5:45:31 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097937.D

Acq: 22 Aug 2017 6:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.4	17.2	25.8

