

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097638.D
 Acq On : 12 Aug 2017 17:03
 Operator : SJ/JU
 Sample : I4699-01 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

Manual Integrations
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Quant Time: Aug 14 11:51:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	104843	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	488567	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	198906	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	328404	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	228020	20.00	ng	-0.02
86) Perylene-d12	20.11	264	177177	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	2757m	0.42	ng	0.31
7) Phenol-d6	7.26	99	9397m	1.15	ng	0.21
23) Nitrobenzene-d5	8.55	82	7892m	1.01	ng	0.13
41) 2,4,6-Tribromophenol	13.69	330	1498	0.99	ng	0.03
44) 2-Fluorobiphenyl	11.32	172	16862	1.28	ng	0.00
78) Terphenyl-d14	17.10	244	11424	1.04	ng	-0.02

Target Compounds Qvalue

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

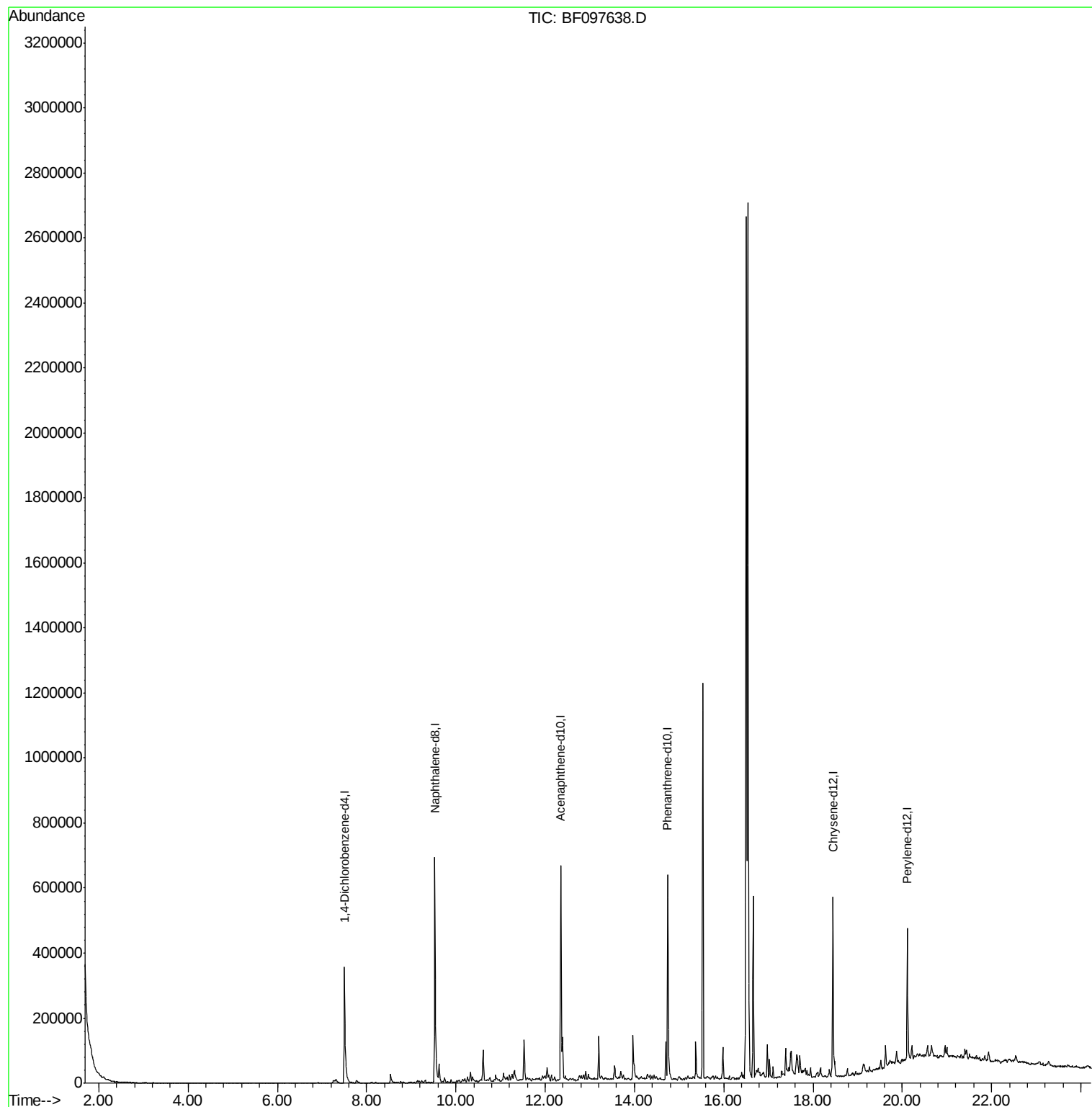
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
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ALS Vial : 7 Sample Multiplier: 1

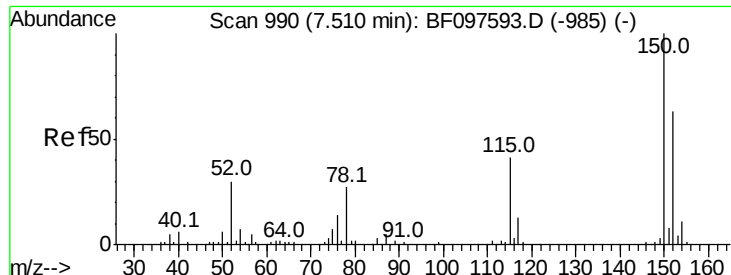
Instrument :
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#1

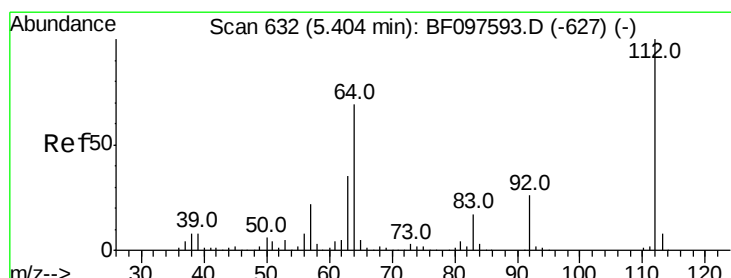
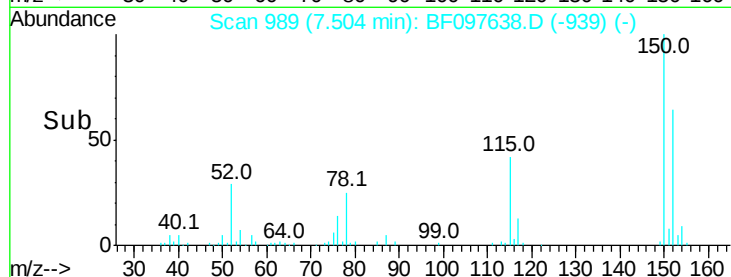
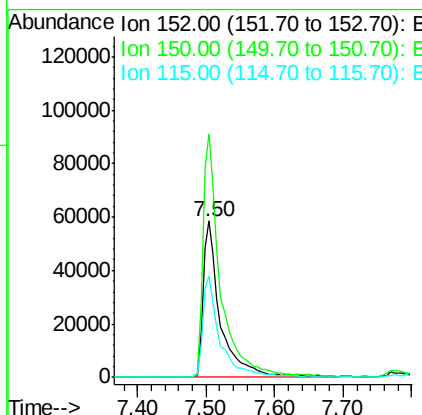
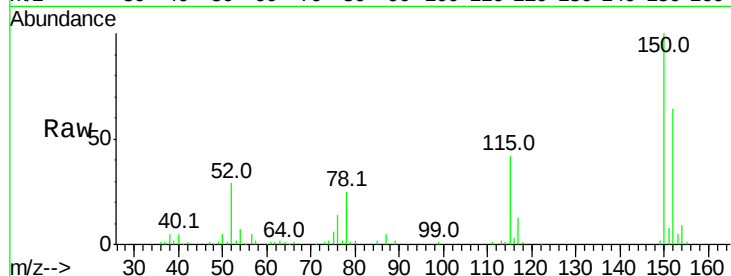
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097638.D
Acq: 12 Aug 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SU-04-080917

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	65.3	52.2	78.2

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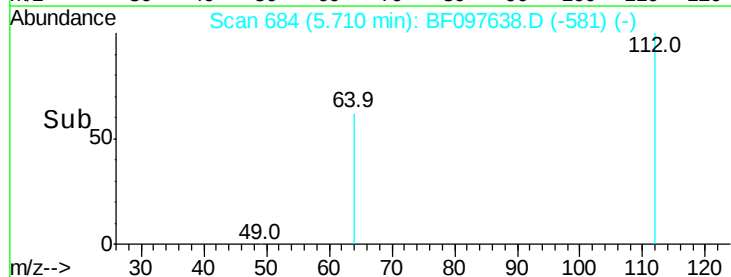
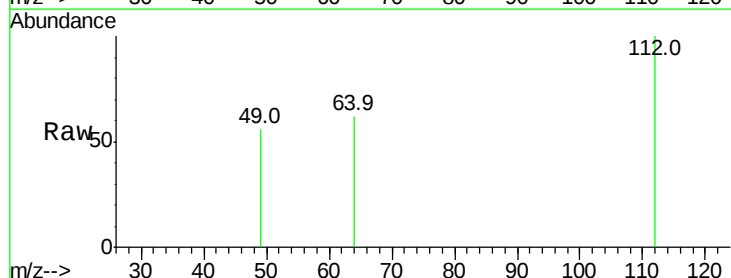
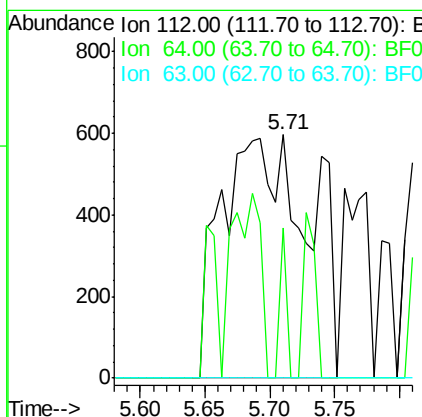
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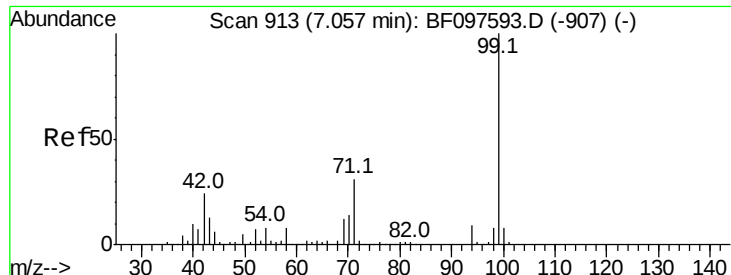


#5

2-Fluorophenol
Concen: 0.418 ng m
RT: 5.71 min Scan# 684
Delta R.T. 0.31 min
Lab File: BF097638.D
Acq: 12 Aug 2017 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	46.0	69.0
63	0.0	23.4	35.0





#7

Phenol-d6

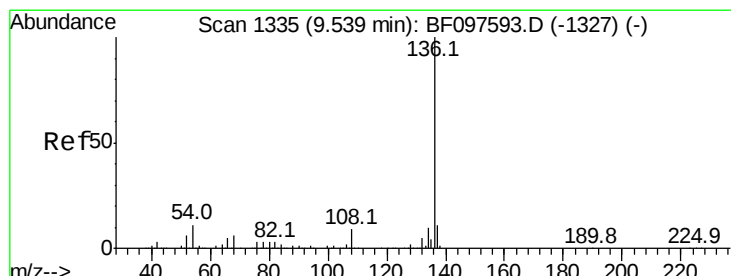
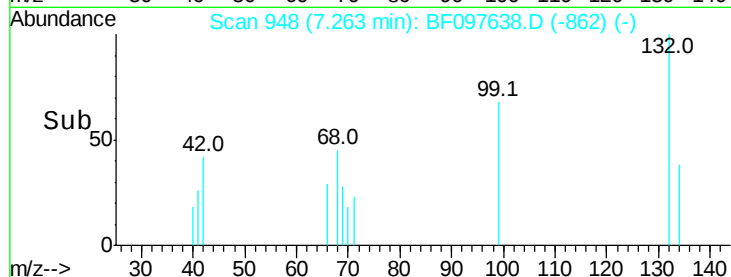
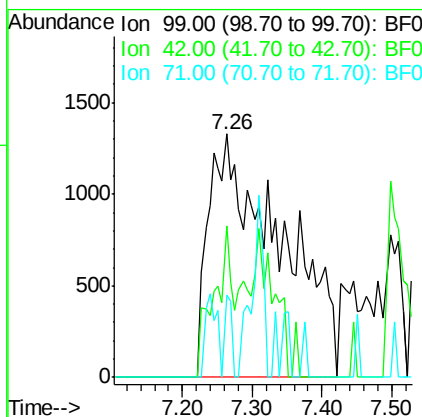
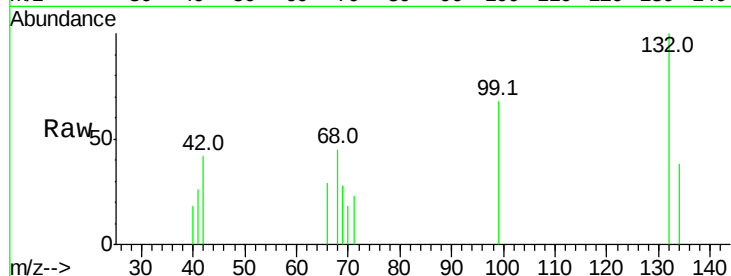
Concen: 1.148 ng/ml
 RT: 7.26 min Scan# 948
 Delta R.T. 0.21 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

Tot Ion	Ratio	Lower	Upper
99	100		
42	62.3	13.5	20.3#
71	33.8	24.5	36.7

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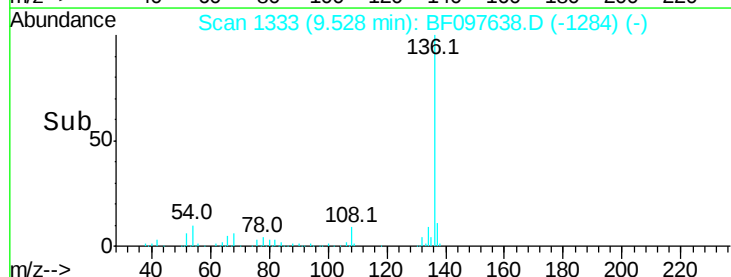
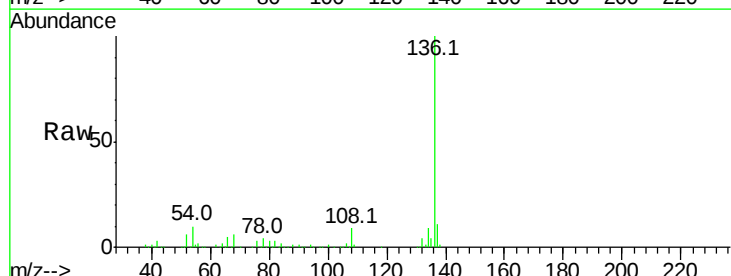
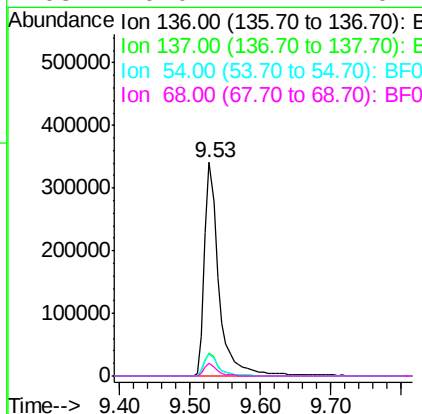


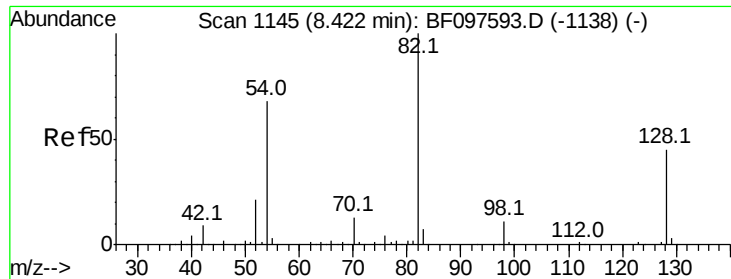
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 9.53 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.2	4.9	7.3#
68	6.0	4.1	6.1





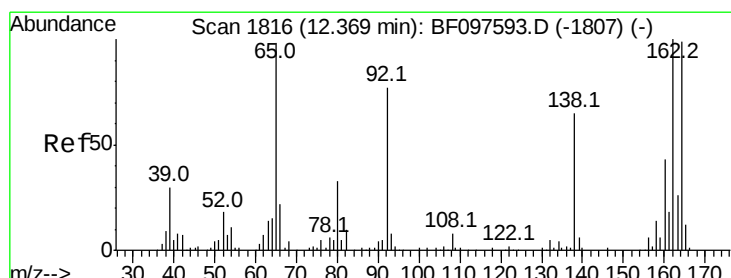
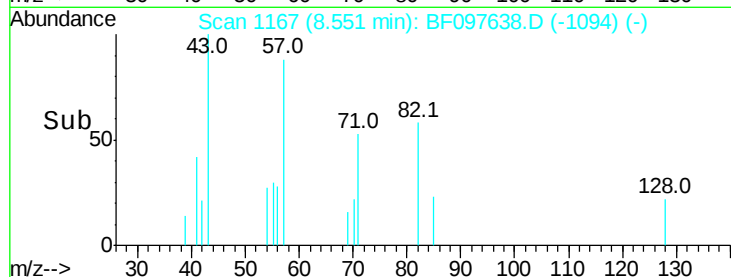
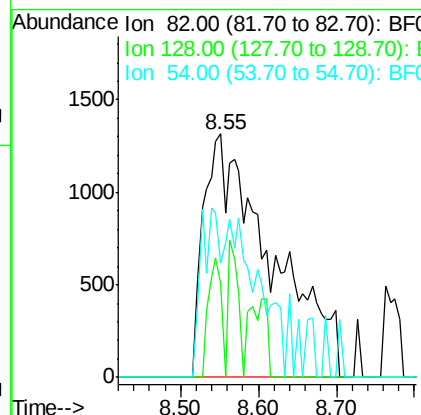
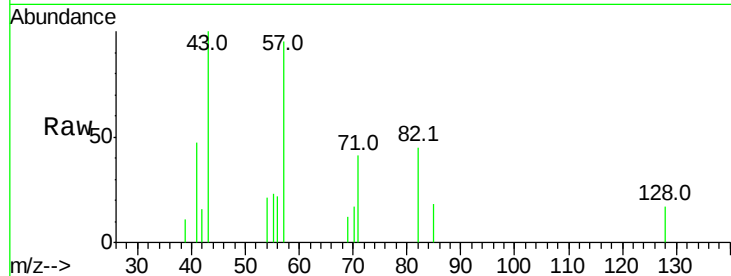
#23
 Nitrobenzene-d5
 Concen: 1.013 ng/ml
 RT: 8.55 min Scan# 1167
 Delta R.T. 0.13 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

Tot Ion:	82	Resp:	7892
Ion Ratio	Lower	Upper	
82	100		
128	38.6	34.0	51.0
54	47.0	42.2	63.2

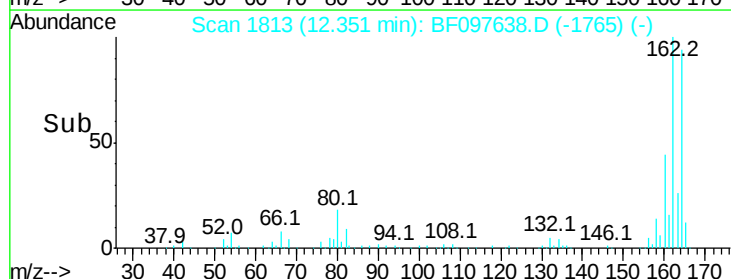
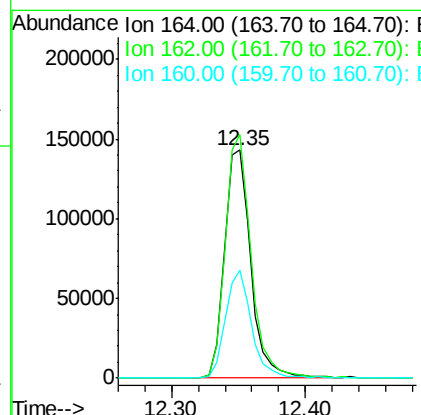
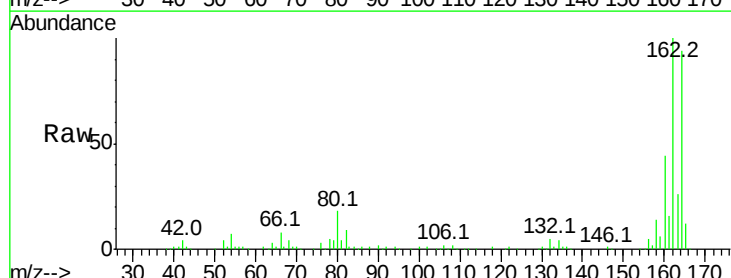
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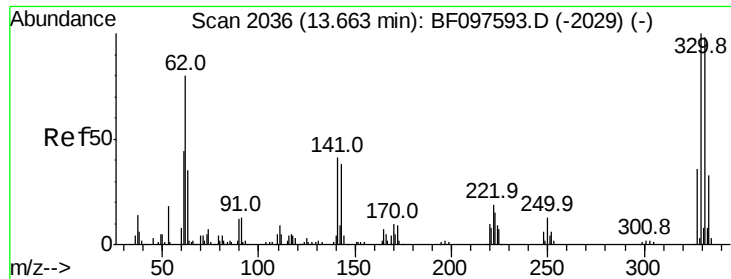
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Tgt Ion:	164	Resp:	198906
Ion Ratio	Lower	Upper	
164	100		
162	106.9	82.6	123.8
160	47.4	36.2	54.2





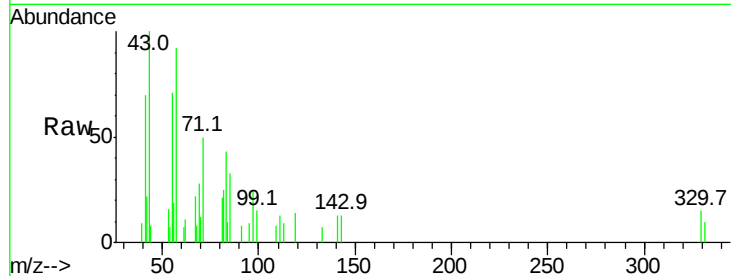
#41
 2,4,6-Tribromophenol
 Concen: 0.991 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. 0.03 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

Tot Ion	Ratio	Lower	Upper
330	100		
332	87.4	76.6	115.0
141	80.4	31.4	47.2#

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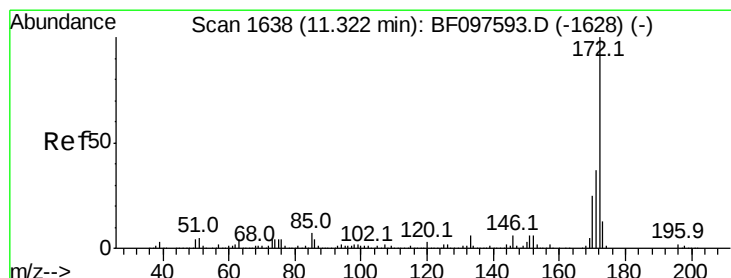
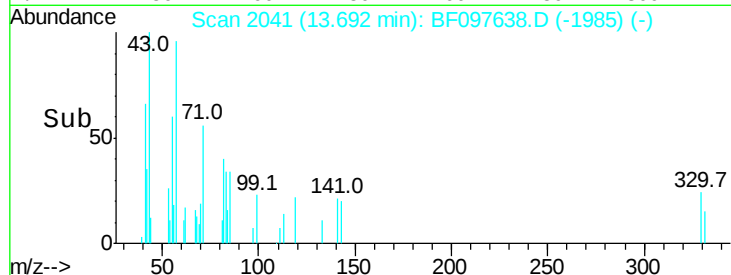
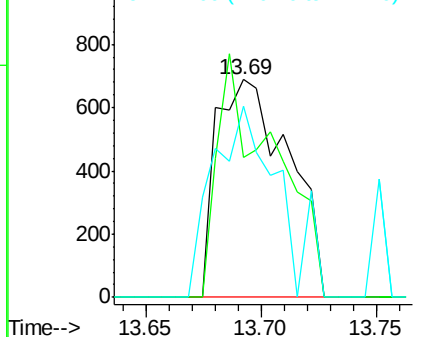


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 1.279 ng
 RT: 11.32 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

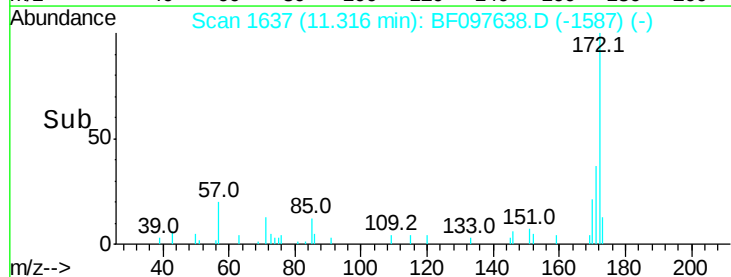
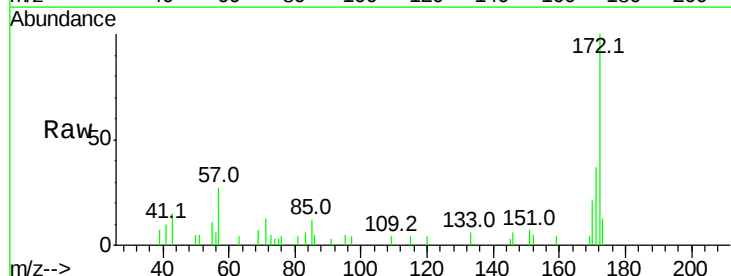
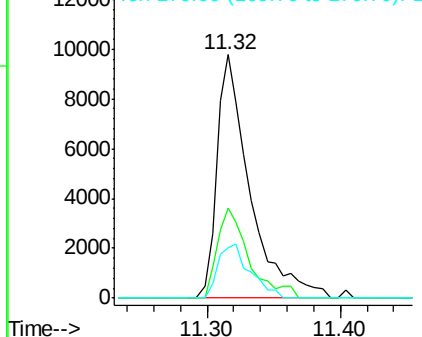
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	20.6	19.8	29.8

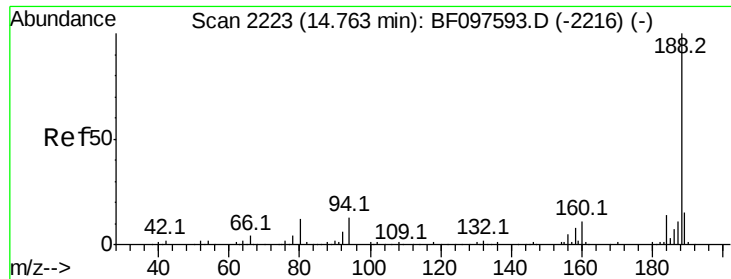
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BF097638.D

Acq: 12 Aug 2017 17:03

Instrument :

BNA_F

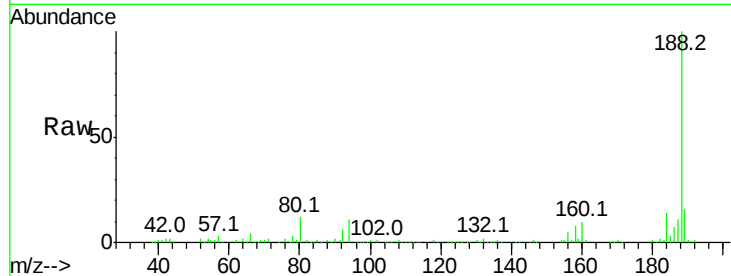
ClientSampleId :

SU-04-080917

Tot Ion:	188	Resp:	328404
Ion Ratio	Lower	Upper	
188	100		
94	11.2	9.4	14.2
80	11.7	10.2	15.2

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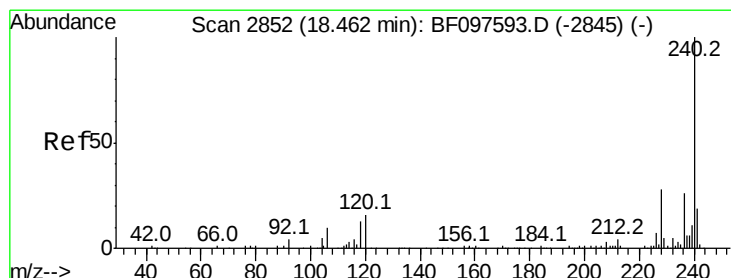
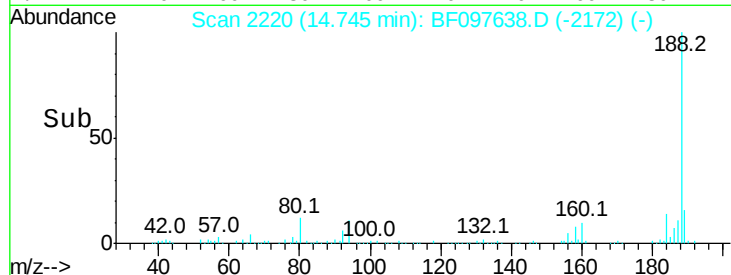
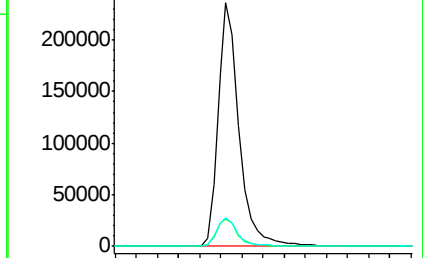
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.44 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF097638.D

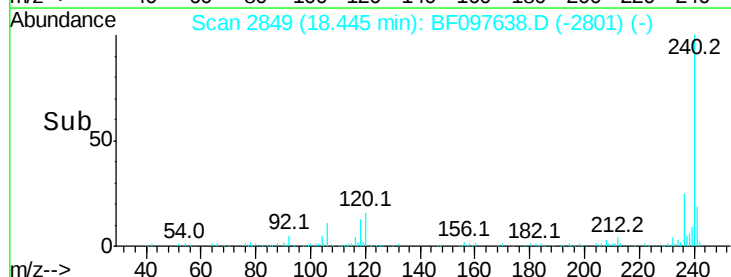
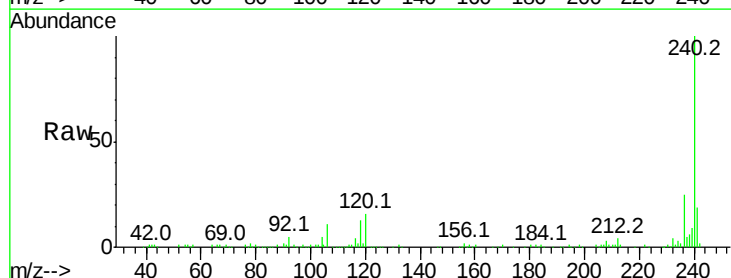
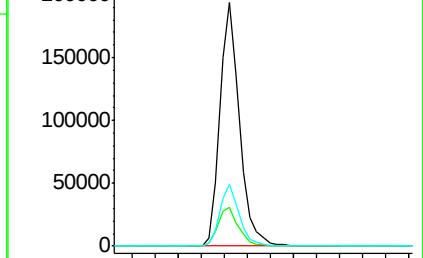
Acq: 12 Aug 2017 17:03

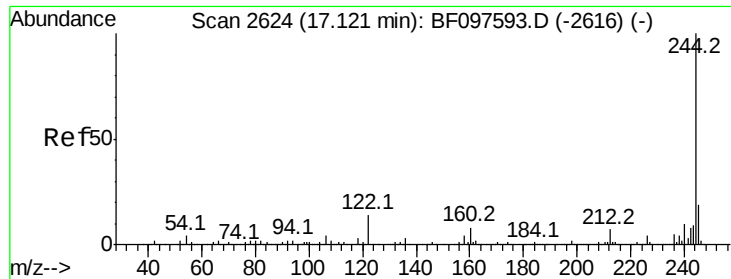
Tgt Ion:	240	Resp:	228020
Ion Ratio	Lower	Upper	
240	100		
120	16.1	5.8	8.8#
236	25.4	20.5	30.7

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





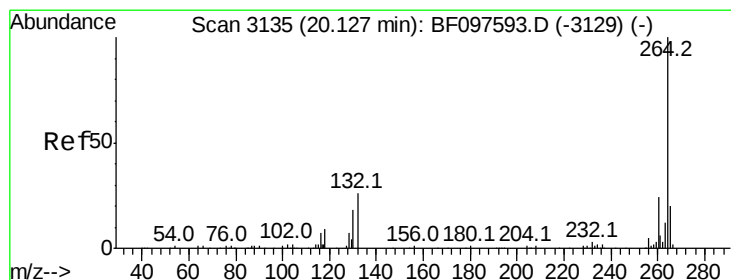
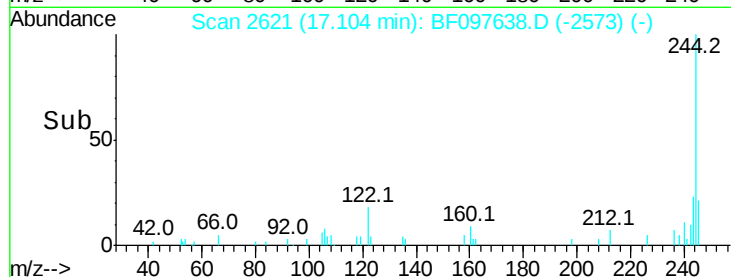
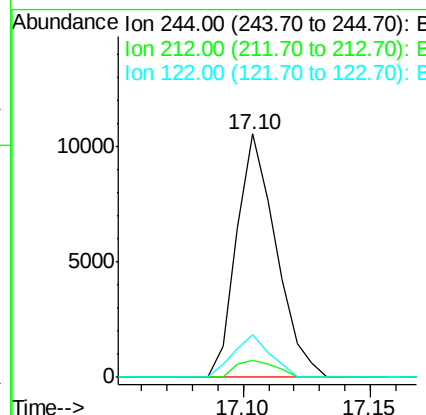
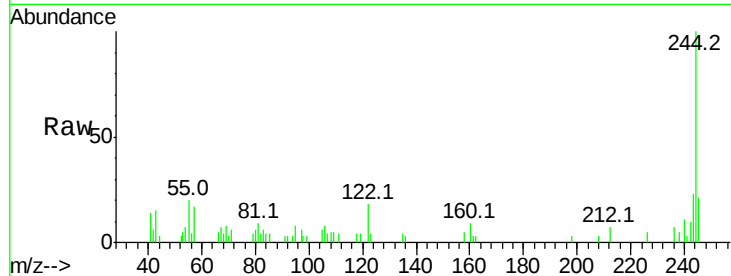
#78
 Terphenyl-d14
 Concen: 1.037 ng
 RT: 17.10 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Instrument :
 BNA_F
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 SU-04-080917

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	17.6	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.11 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.6	17.2	25.8

