

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099057.D
 Acq On : 4 Oct 2017 3:43
 Operator : SJ/JU
 Sample : I5588-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-4(0-5)

Manual Integrations
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Quant Time: Oct 04 08:32:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121734	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	456707	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	163249	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	242359	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	250764	20.00	ng	-0.05
86) Perylene-d12	15.51	264	243512	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	714064	93.38	ng	-0.05
7) Phenol-d6	6.50	99	862448	91.42	ng	-0.05
23) Nitrobenzene-d5	7.43	82	512904	72.02	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	107083	80.16	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	794739	81.27	ng	-0.05
78) Terphenyl-d14	12.98	244	564538	51.20	ng	-0.05
Target Compounds						
10) Phenol	6.51	94	21204	2.010	ng	96
49) Dimethylphthalate	9.62	163	136630	11.089	ng	99
74) Fluoranthene	12.61	202	41651	3.171	ng	97
77) Pyrene	12.84	202	42247	2.209	ng	98
87) Benzo(b)fluoranthene	15.07	252	34097m	2.277	ng	

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

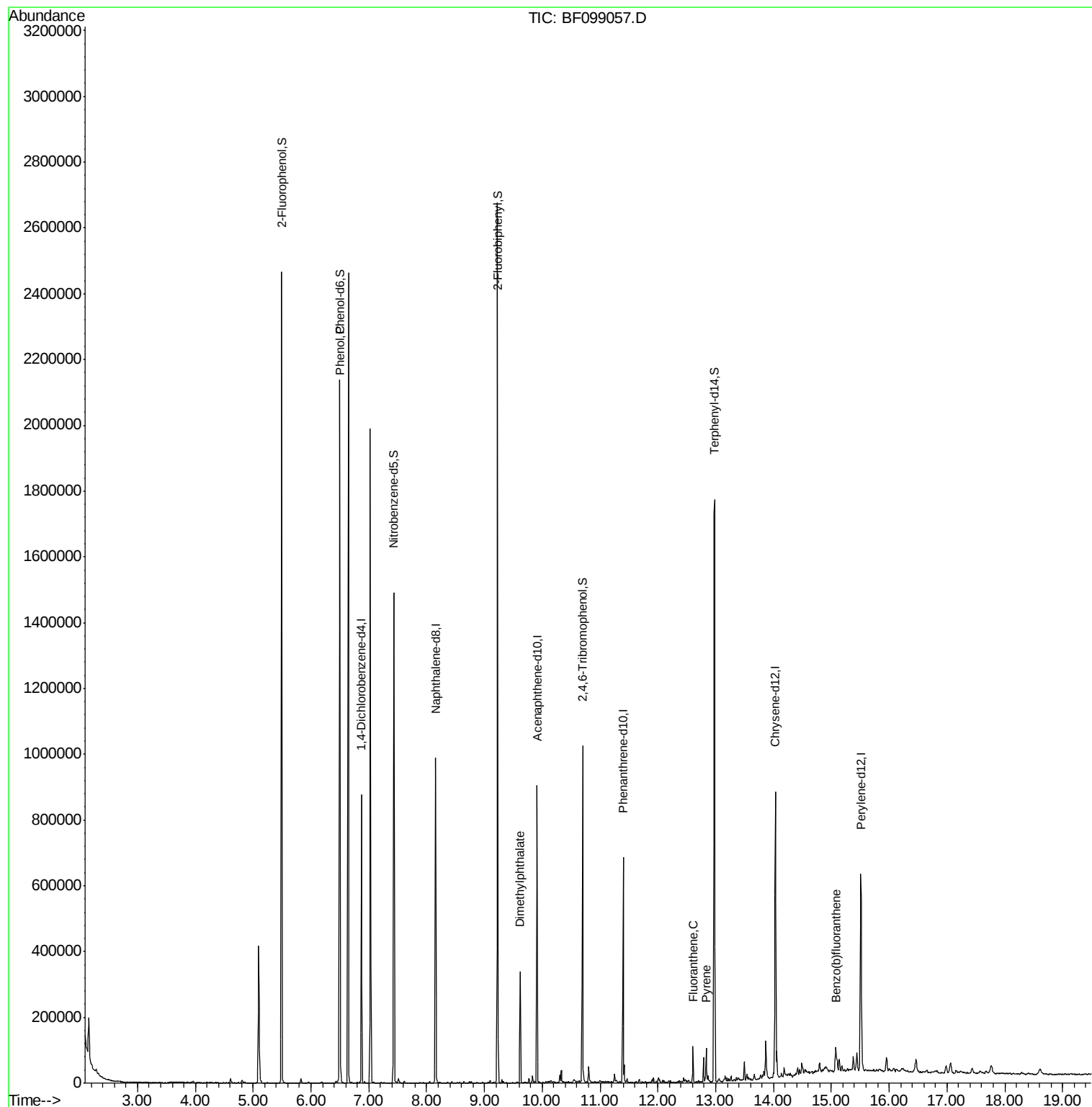
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
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ALS Vial : 23 Sample Multiplier: 1

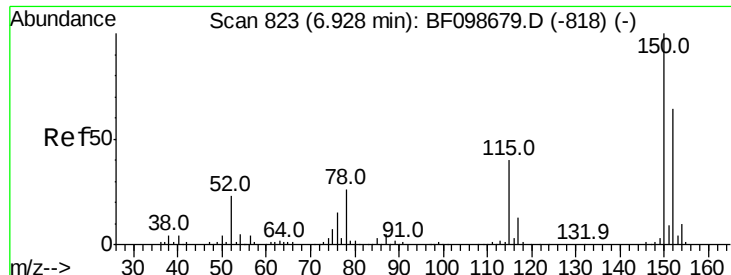
Instrument :
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SASP2P-ENV-114-4(0-5)

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#1

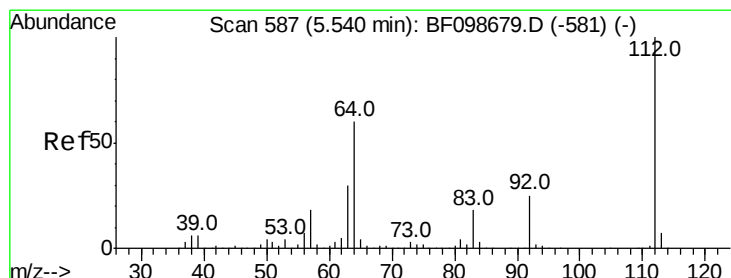
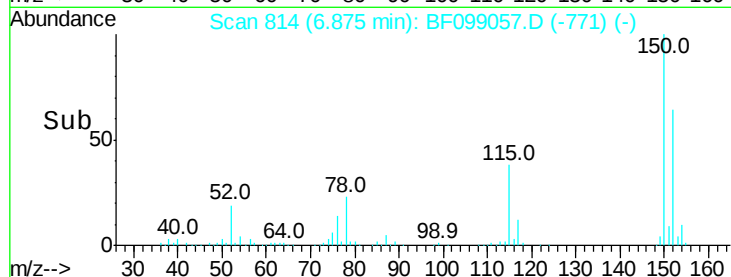
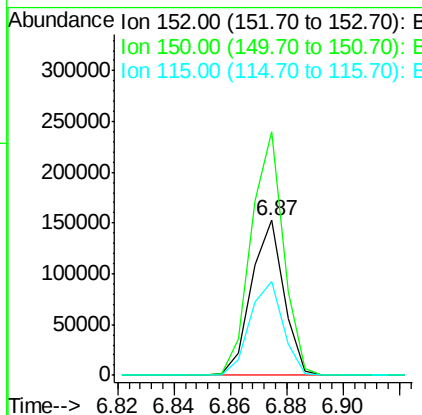
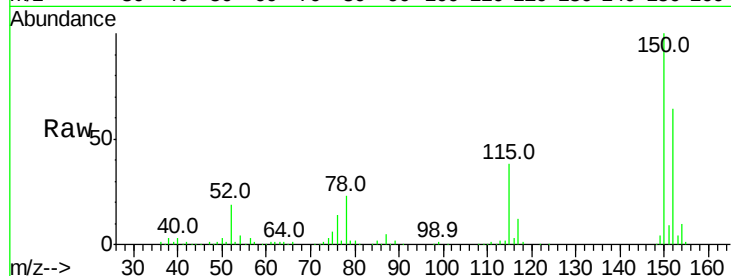
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099057.D
Acq: 4 Oct 2017 3:43

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-4(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	60.3	50.1	75.1

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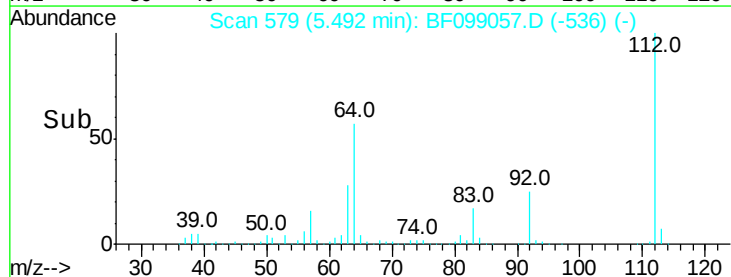
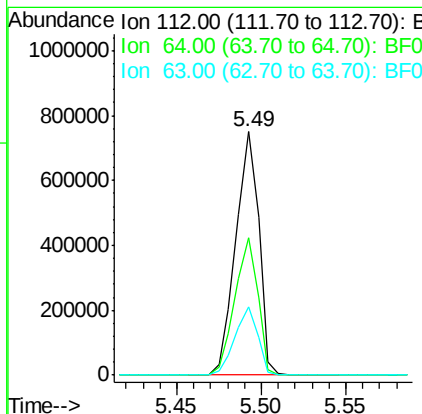
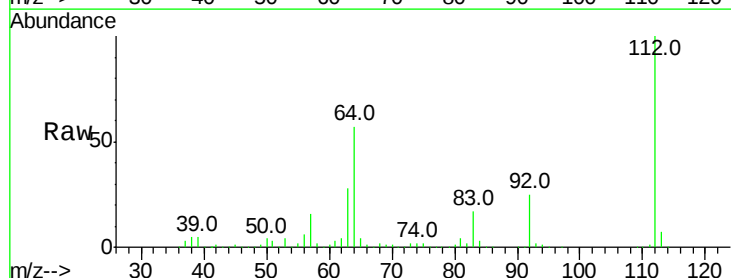
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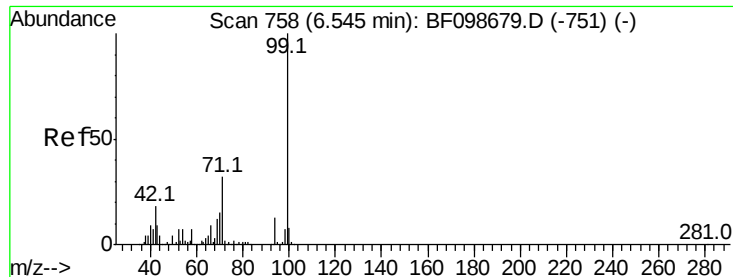


#5

2-Fluorophenol
Concen: 93.377 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099057.D
Acq: 4 Oct 2017 3:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 91.424 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099057.D

Acq: 4 Oct 2017 3:43

Instrument :

BNA_F

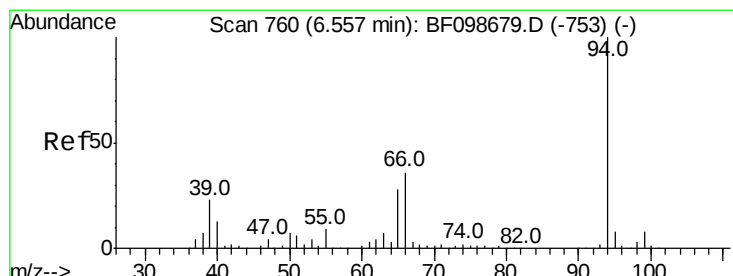
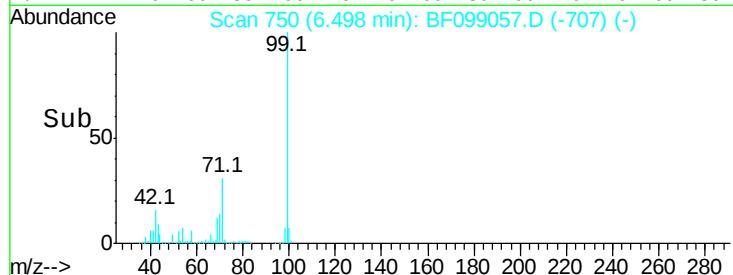
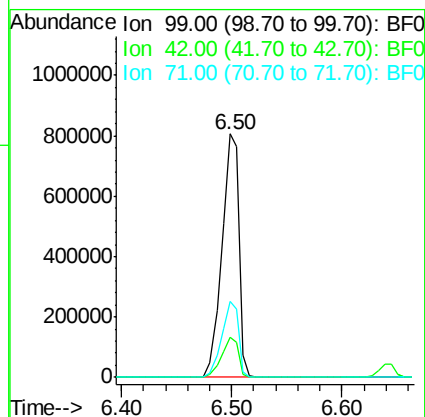
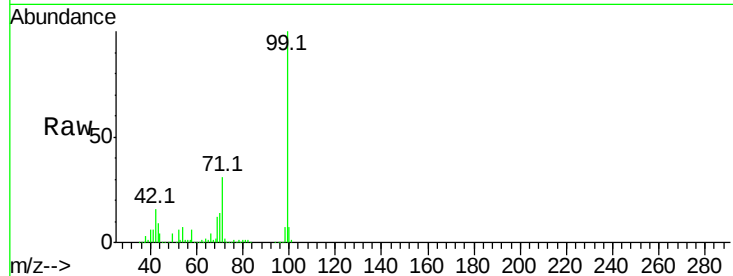
ClientSampleId :

SASP2P-ENV-114-4(0-5)

Tot Ion:	99	Resp:	862448
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	31.3	25.4	38.0

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#10

Phenol

Concen: 2.010 ng

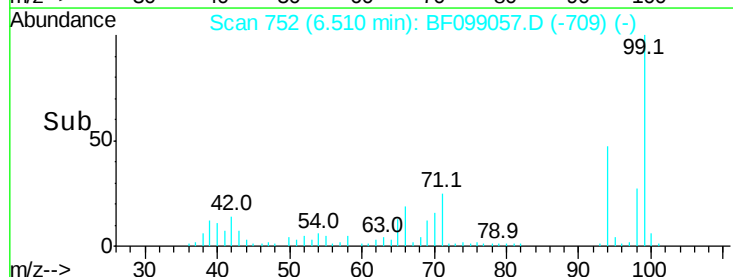
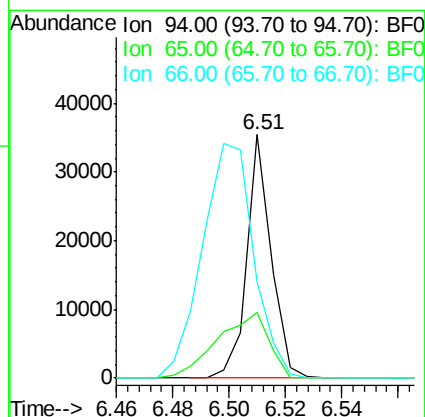
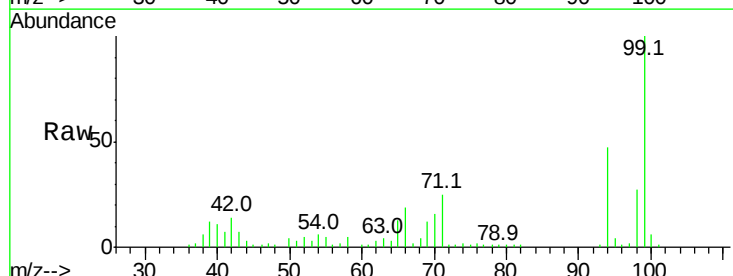
RT: 6.51 min Scan# 752

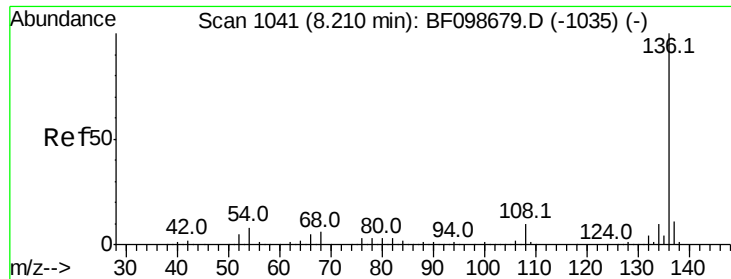
Delta R.T. -0.05 min

Lab File: BF099057.D

Acq: 4 Oct 2017 3:43

Tgt Ion:	94	Resp:	21204
Ion Ratio	Lower	Upper	
94	100		
65	27.2	7.9	47.9
66	39.8	16.2	56.2





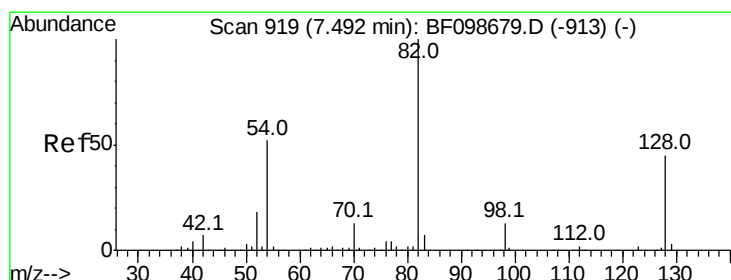
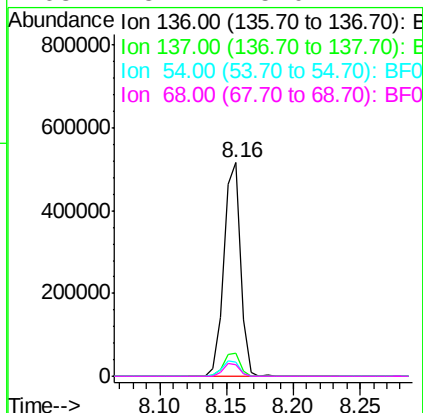
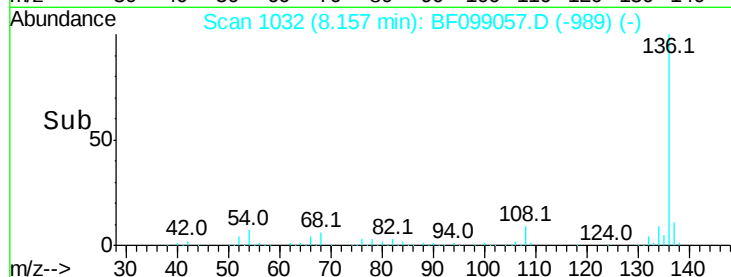
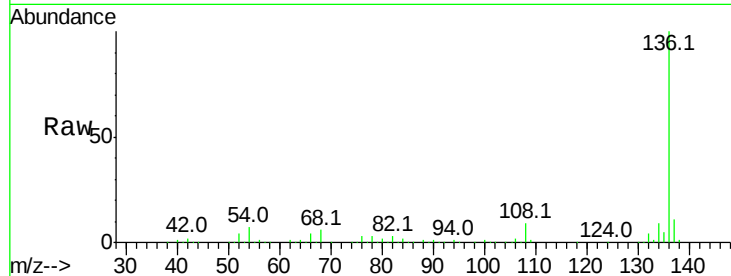
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099057.D
Acq: 4 Oct 2017 3:43

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-4(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.7	6.6	9.8	
68	5.7	5.0	7.4	

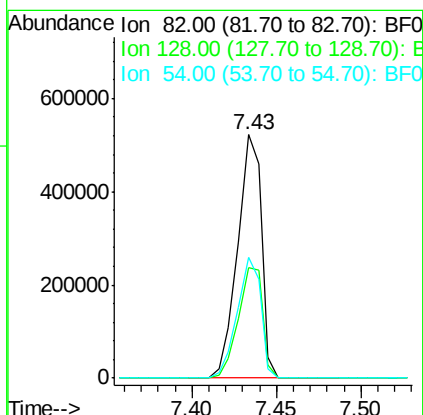
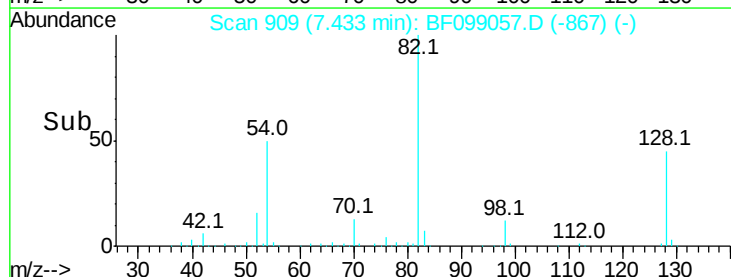
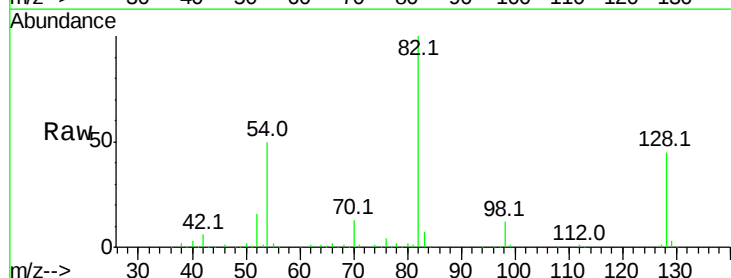
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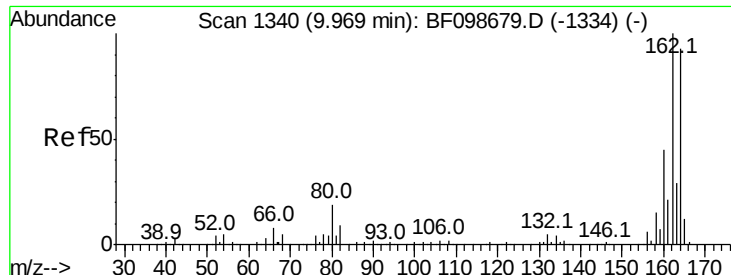
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#23
Nitrobenzene-d5
Concen: 72.021 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF099057.D
Acq: 4 Oct 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	36.1	54.1	
54	49.8	41.4	62.2	





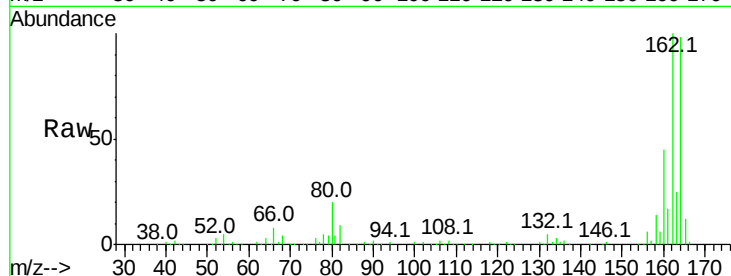
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099057.D
 Acq: 4 Oct 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-4(0-5)

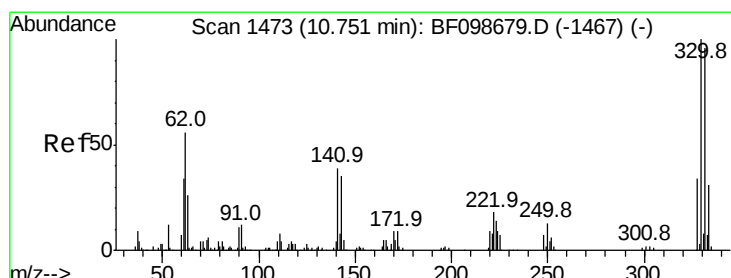
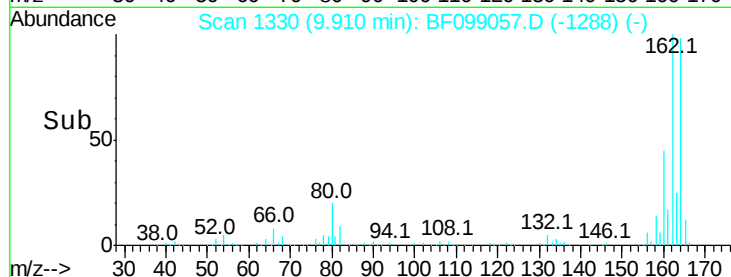
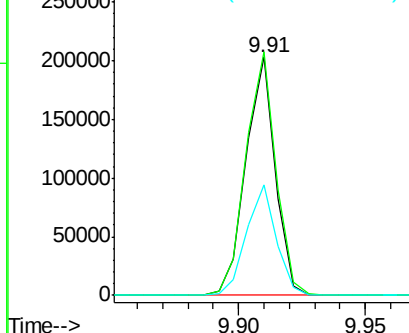
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.2	38.3	57.5

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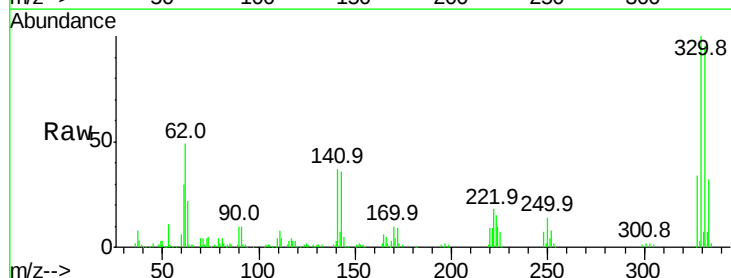


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

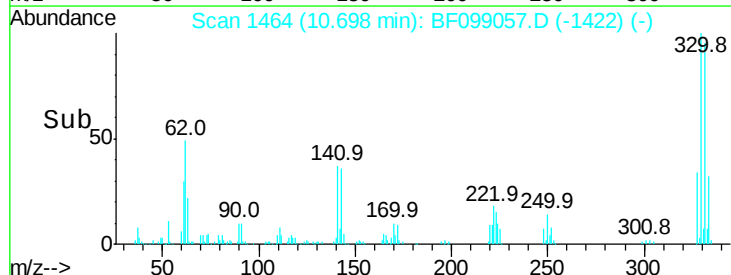
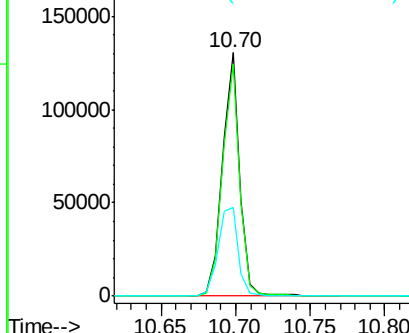


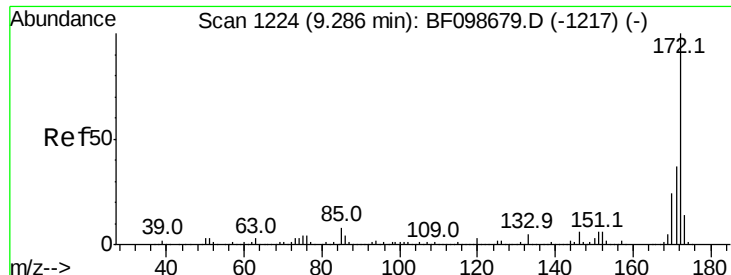
#41
 2,4,6-Tribromophenol
 Concen: 80.163 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099057.D
 Acq: 4 Oct 2017 3:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	42.2	29.9	44.9



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





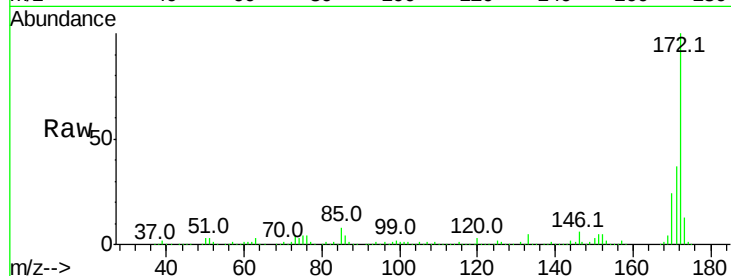
#44
2-Fluorobiphenyl
Concen: 81.272 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099057.D
Acq: 4 Oct 2017 3:43

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-4(0-5)

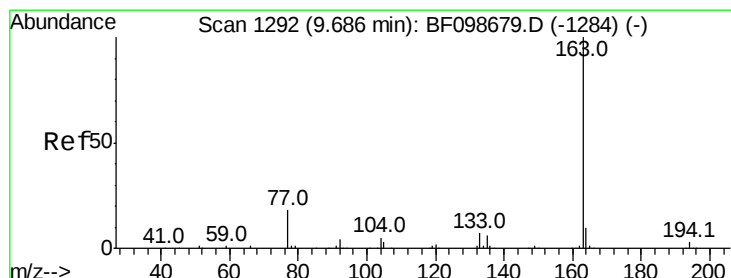
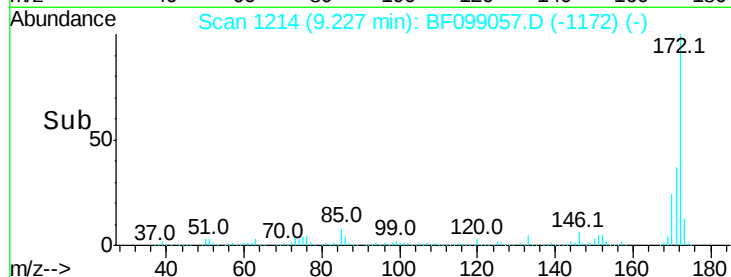
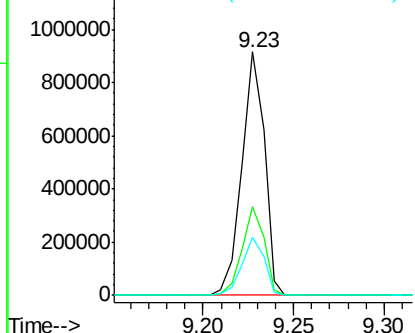
Tot Ion	Ratio	Resp	Lower	Upper
172	100	794739		
171	36.6		29.7	44.5
170	23.8		19.6	29.4

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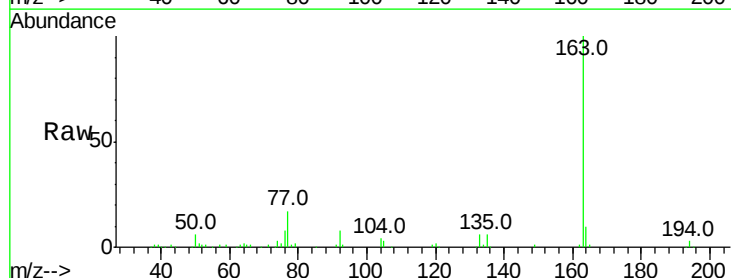


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

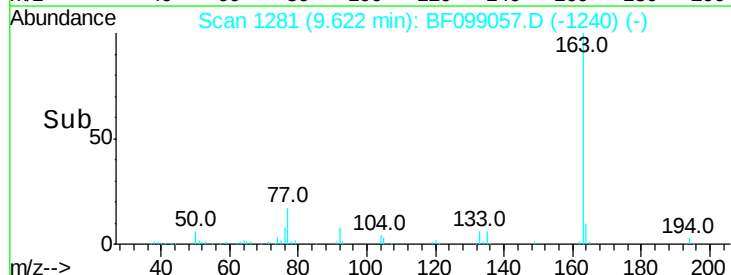
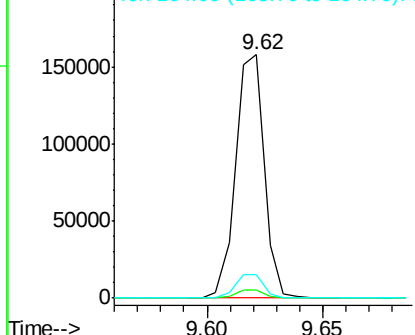


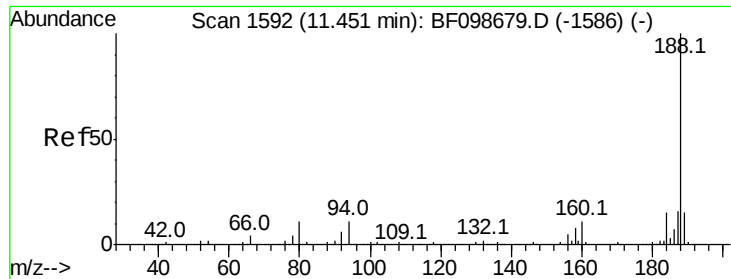
#49
Dimethylphthalate
Concen: 11.089 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.06 min
Lab File: BF099057.D
Acq: 4 Oct 2017 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	136630		
194	3.5		2.7	4.1
164	9.5		8.2	12.2



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





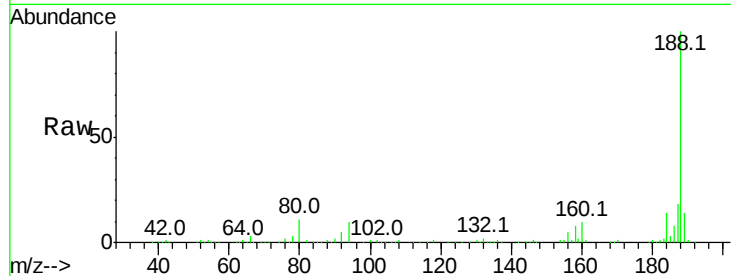
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF099057.D
Acq: 4 Oct 2017 3:43

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-4(0-5)

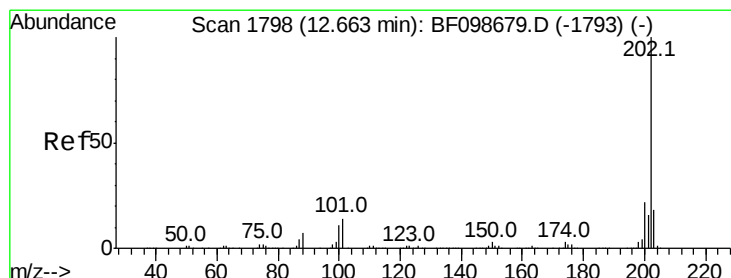
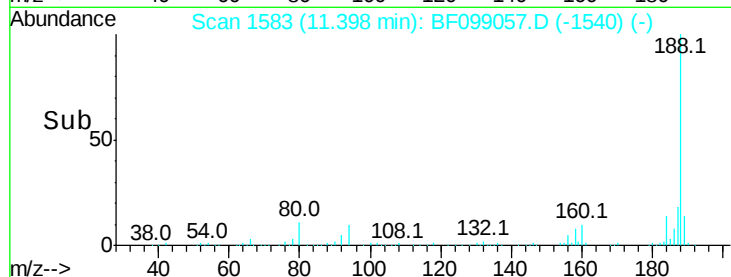
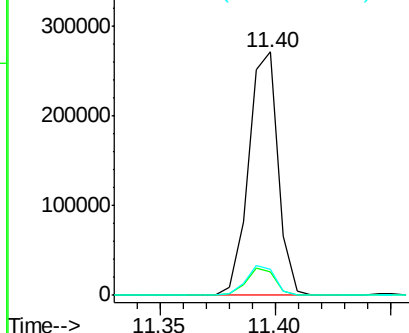
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.6	9.2	13.8

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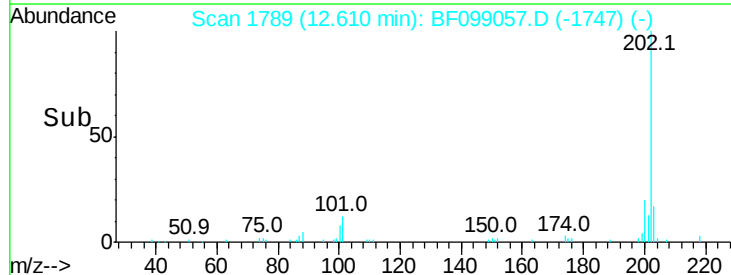
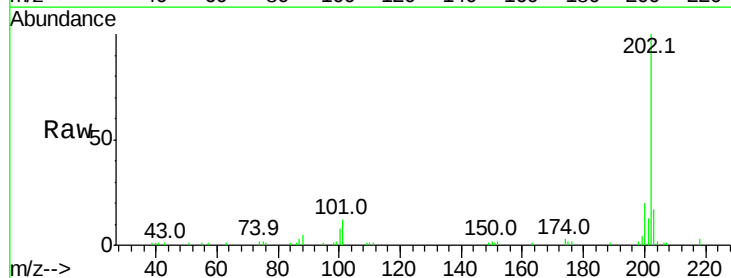
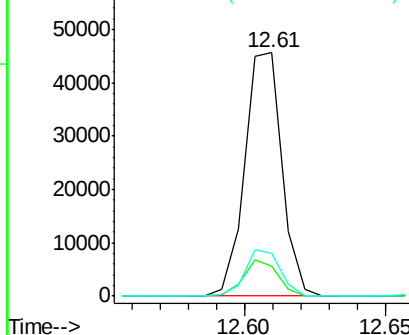
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

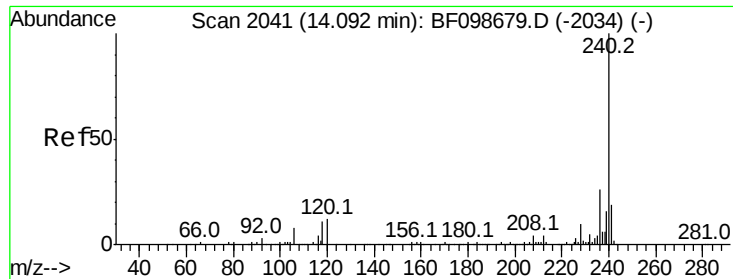


#74
Fluoranthene
Concen: 3.171 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.05 min
Lab File: BF099057.D
Acq: 4 Oct 2017 3:43

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.4	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099057.D

Acq: 4 Oct 2017 3:43

Instrument :

BNA_F

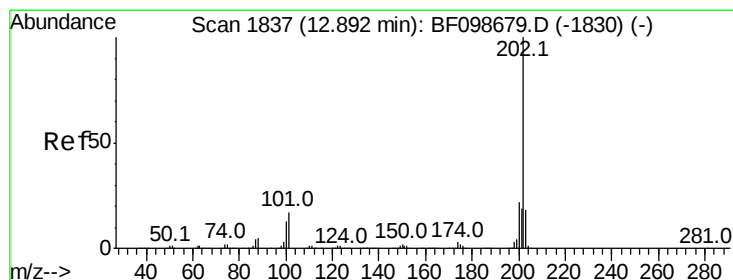
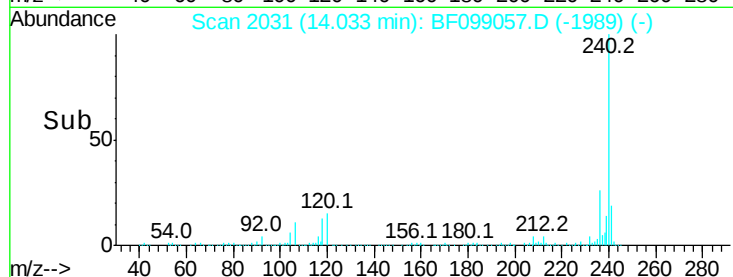
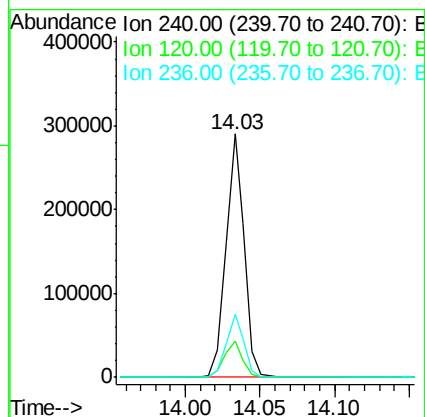
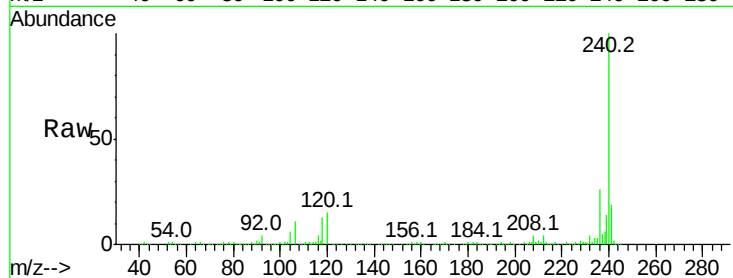
ClientSampleId :

SASP2P-ENV-114-4(0-5)

Tot Ion:	240	Resp:	250764
Ion Ratio	Lower	Upper	
240	100		
120	14.9	9.5	14.3#
236	26.0	20.7	31.1

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#77

Pyrene

Concen: 2.209 ng

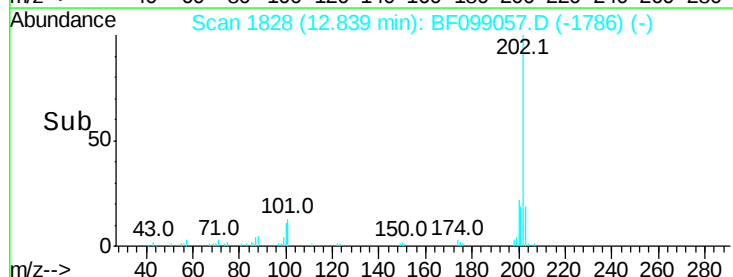
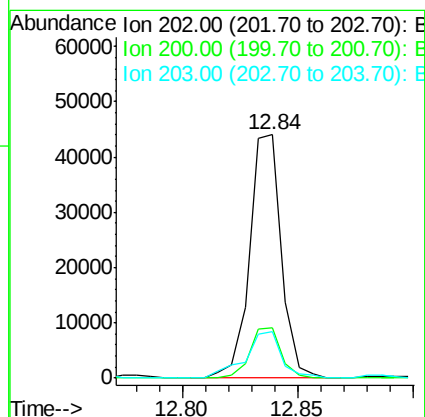
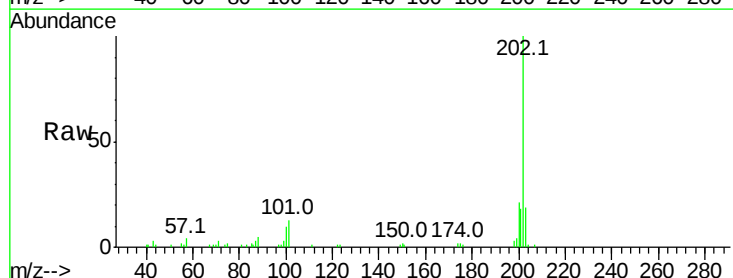
RT: 12.84 min Scan# 1828

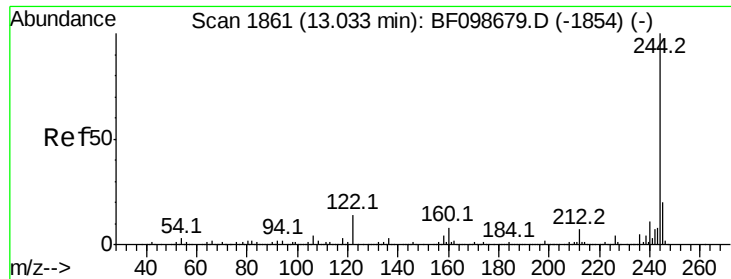
Delta R.T. -0.05 min

Lab File: BF099057.D

Acq: 4 Oct 2017 3:43

Tgt Ion:	202	Resp:	42247
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	19.0	14.3	21.5





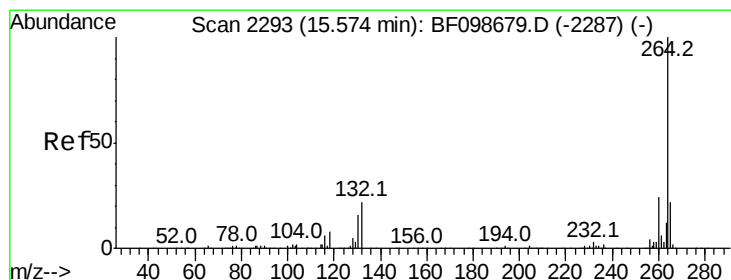
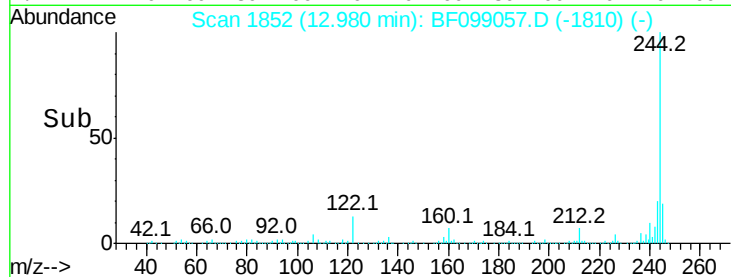
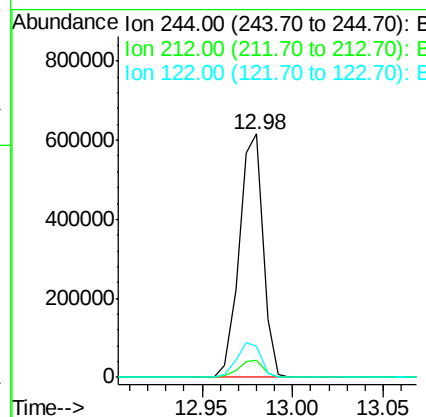
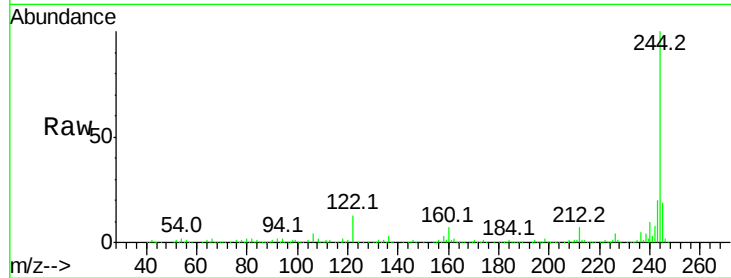
#78
 Terphenyl-d14
 Concen: 51.198 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.05 min
 Lab File: BF099057.D
 Acq: 4 Oct 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-4(0-5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	11.0	16.4

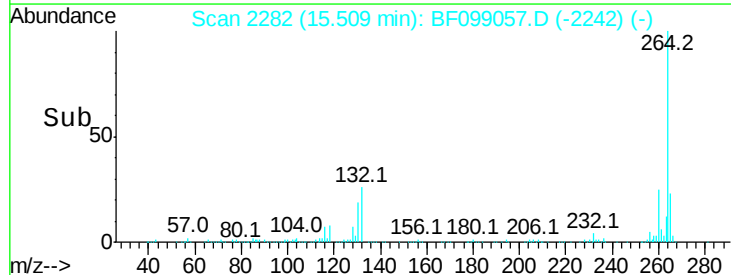
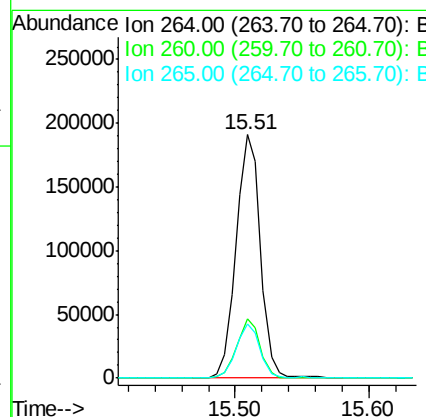
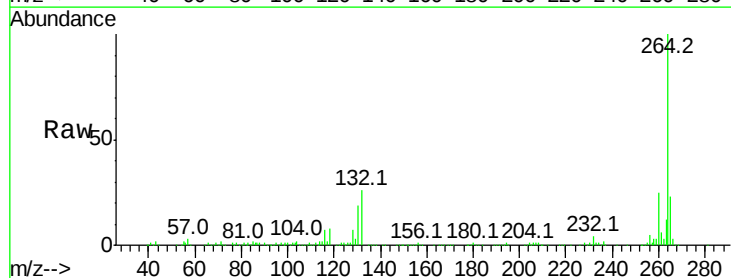
Manual Integrations
 APPROVED

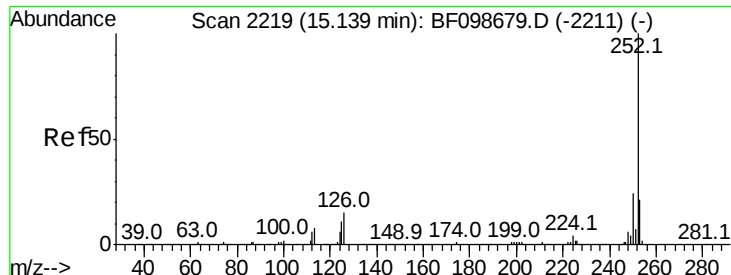
Sohil
 10/4/2017 7:21:36 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099057.D
 Acq: 4 Oct 2017 3:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.5	17.5	26.3





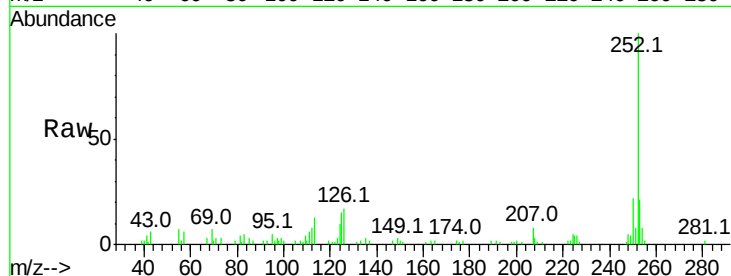
#87
 Benzo(b)fluoranthene
 Concen: 2.277 ng m
 RT: 15.07 min Scan# 2208
 Delta R.T. -0.06 min
 Lab File: BF099057.D
 Acq: 4 Oct 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-4(0-5)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	17.0	25.6
125	15.4	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 10/4/2017 7:21:36 PM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

