

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098715.D
 Acq On : 23 Sep 2017 00:06
 Operator : SJ/JU
 Sample : I5304-04 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-118-6(0-5)

Manual Integrations
 APPROVED

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 9/25/2017 6:21:19 PM

Quant Time: Sep 23 02:47:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	167911	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	683345	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	284316	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	404494	20.00	ng	0.00
75) Chrysene-d12	14.09	240	358301	20.00	ng	0.00
86) Perylene-d12	15.59	264	317556	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	233768	21.14	ng	0.00
7) Phenol-d6	6.53	99	283288	21.16	ng	-0.01
23) Nitrobenzene-d5	7.48	82	163145	16.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	46286	17.80	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	301705	16.89	ng	0.00
78) Terphenyl-d14	13.03	244	202559	12.14	ng	0.00
Target Compounds						
70) Phenanthrene	11.47	178	48957	2.231	ng	97
74) Fluoranthene	12.66	202	158414	7.244	ng	97
77) Pyrene	12.89	202	142138	5.343	ng	98
80) Benzo(a)anthracene	14.08	228	63228	2.930	ng	99
82) Chrysene	14.12	228	57583	2.763	ng	98
87) Benzo(b)fluoranthene	15.14	252	43008m	2.335	ng	

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

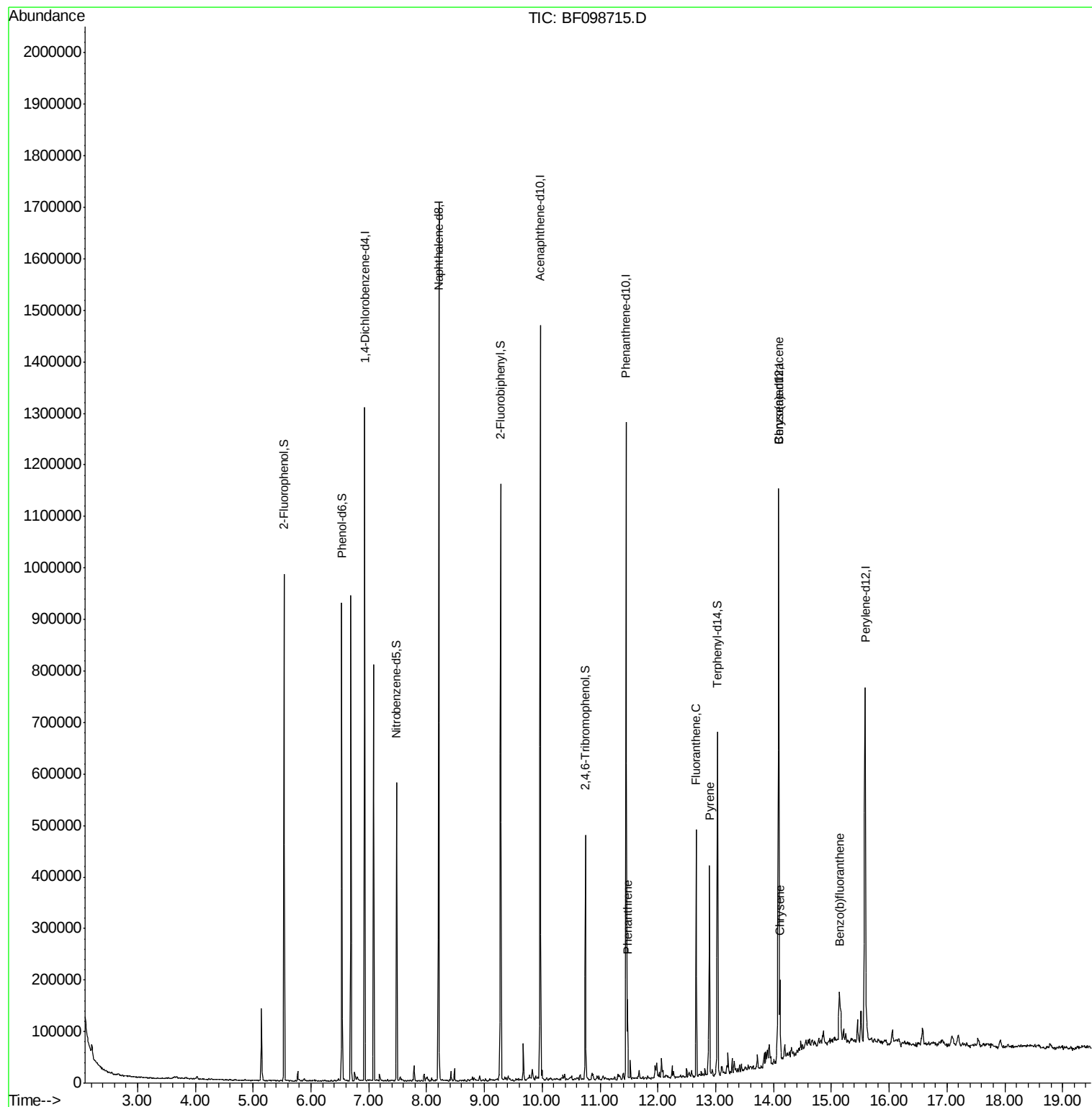
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098715.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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#1

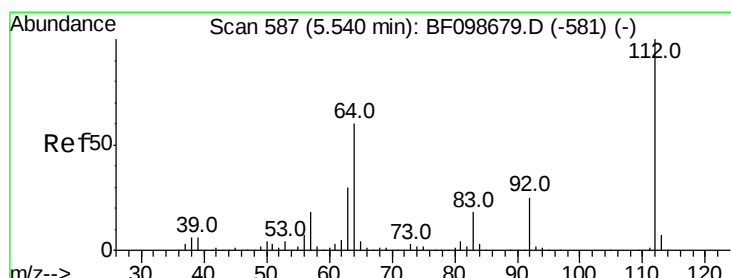
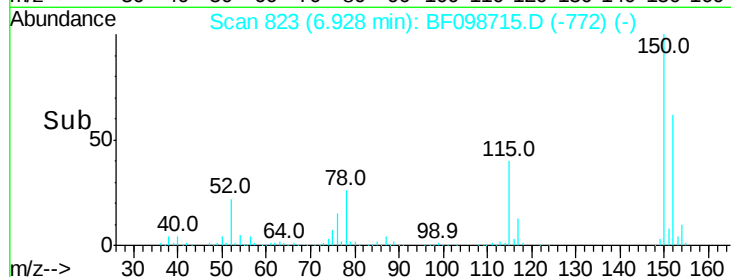
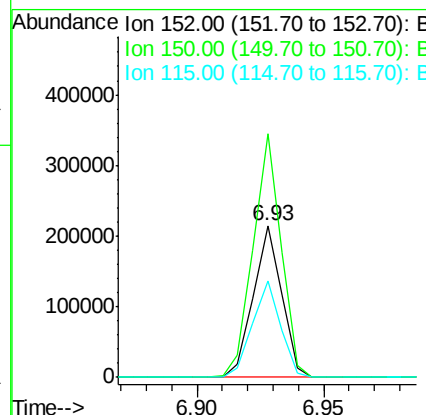
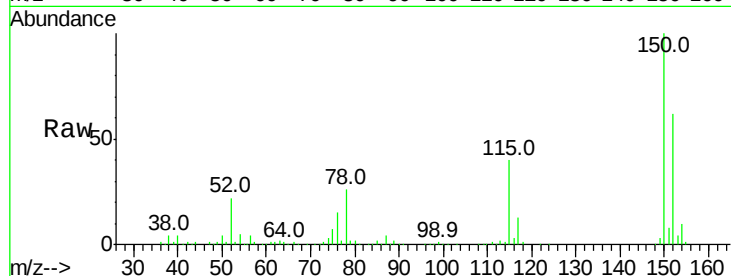
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	63.4	50.1	75.1

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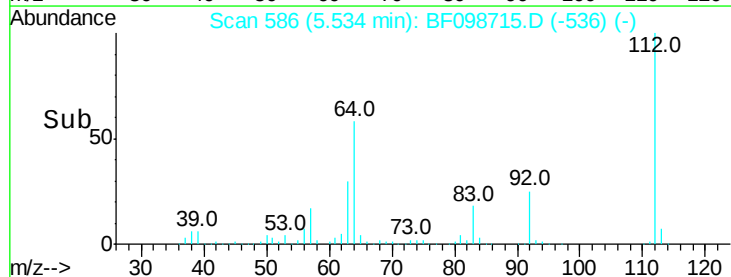
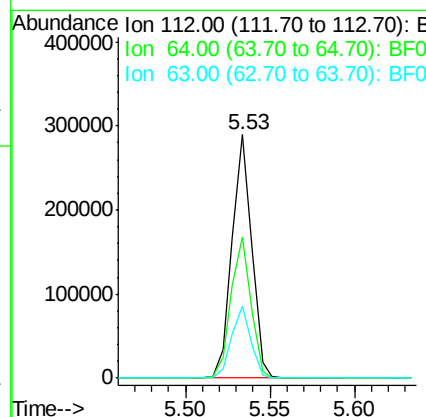
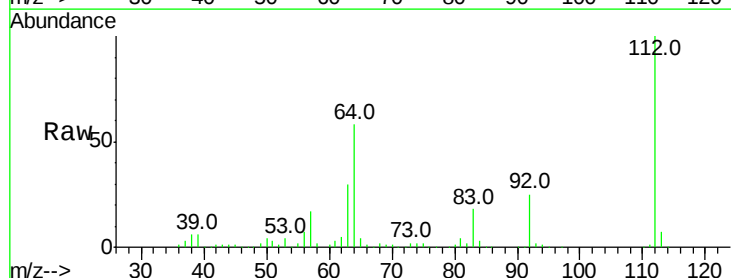
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#5

2-Fluorophenol
Concen: 21.141 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 21.157 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098715.D

Acq: 23 Sep 2017 00:06

Instrument :

BNA_F

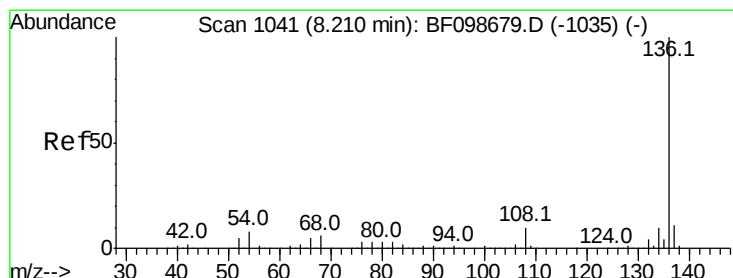
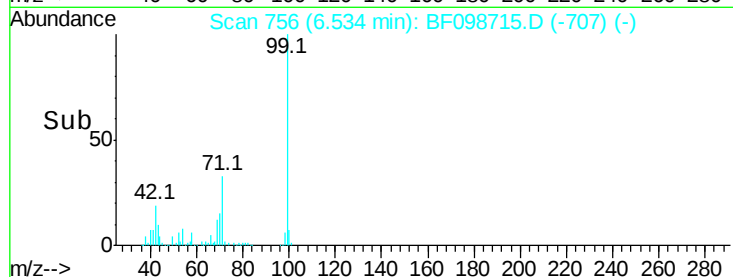
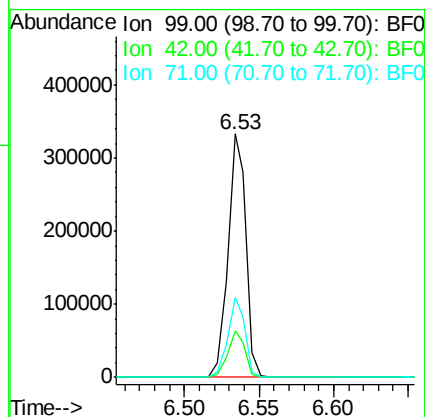
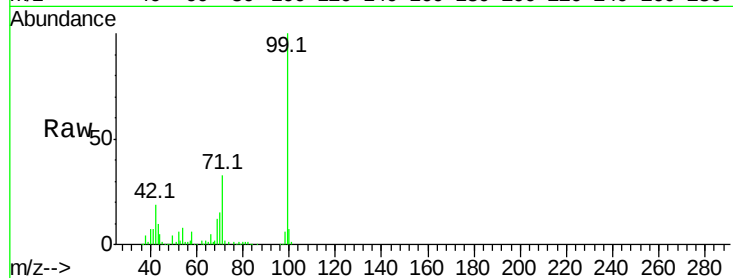
ClientSampleId :

SASP2P-ENV-118-6(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		283288		
42	19.3	14.5	21.7		
71	32.6	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

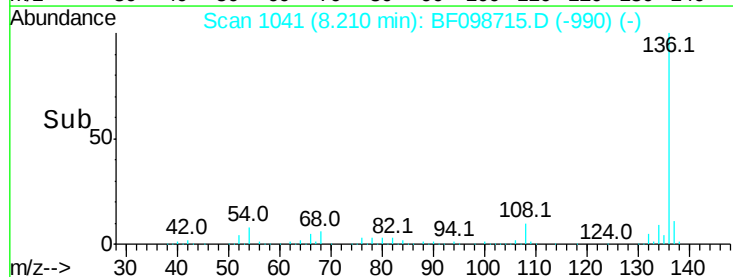
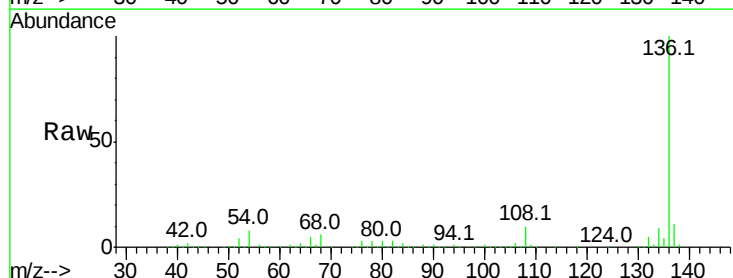
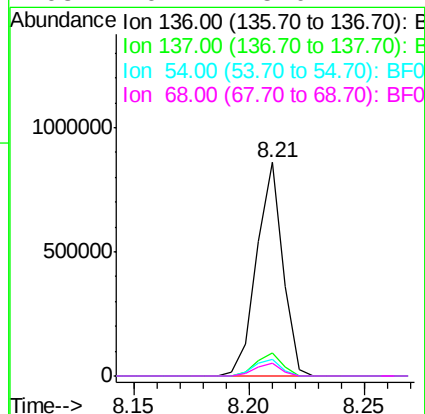
RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF098715.D

Acq: 23 Sep 2017 00:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		683345		
137	11.0	8.9	13.3		
54	8.0	6.6	9.8		
68	6.1	5.0	7.4		





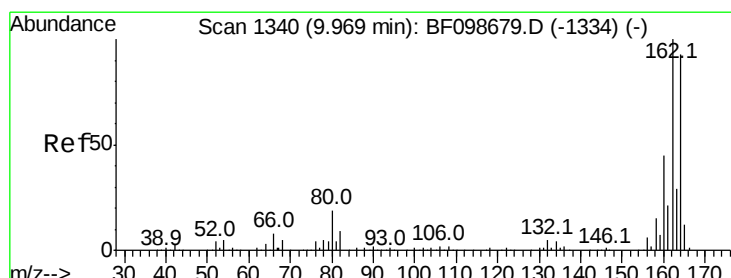
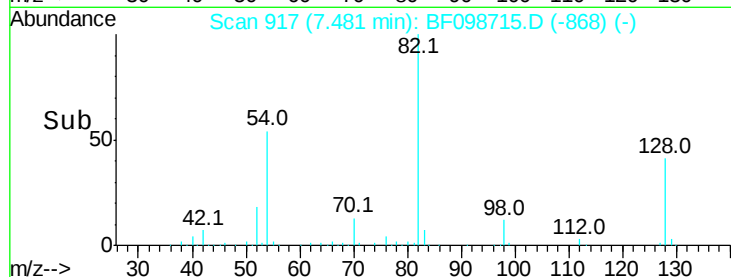
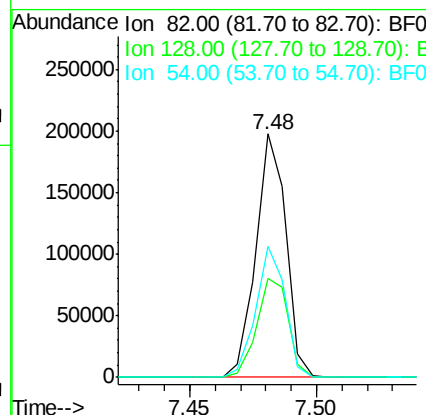
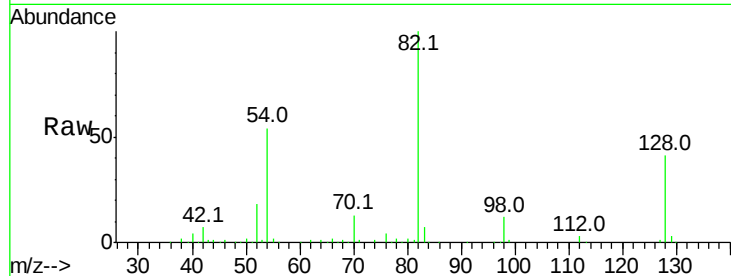
#23
 Nitrobenzene-d5
 Concen: 16.194 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098715.D
 Acq: 23 Sep 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-118-6(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	163145		
128	40.9	36.1	54.1	
54	53.7	41.4	62.2	

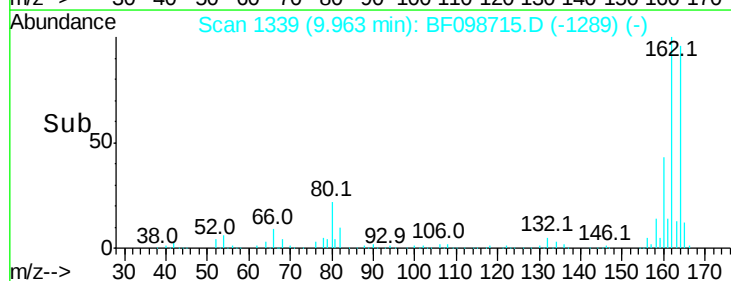
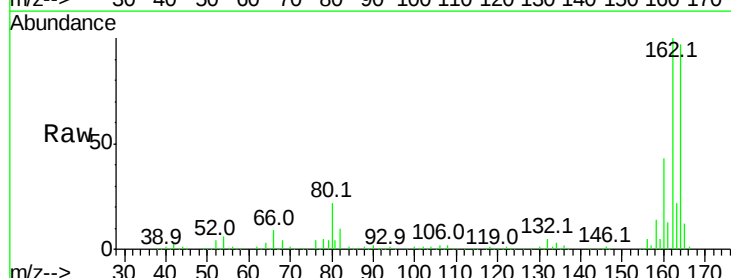
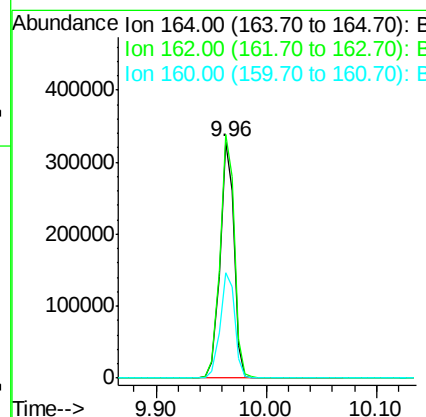
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF098715.D
 Acq: 23 Sep 2017 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284316		
162	103.1	86.1	129.1	
160	44.3	38.3	57.5	





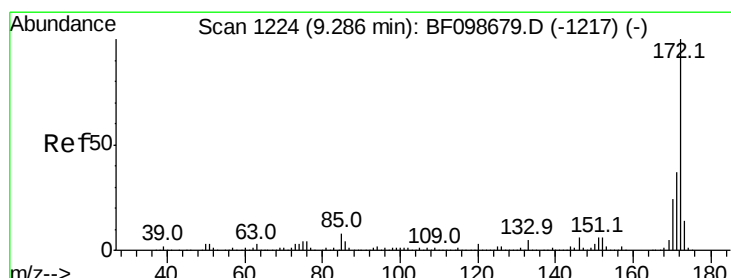
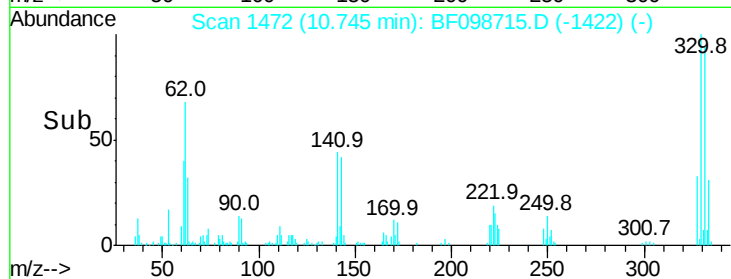
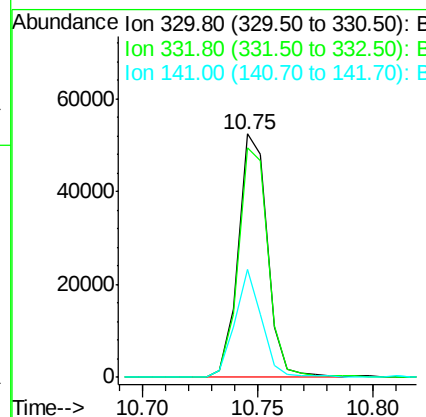
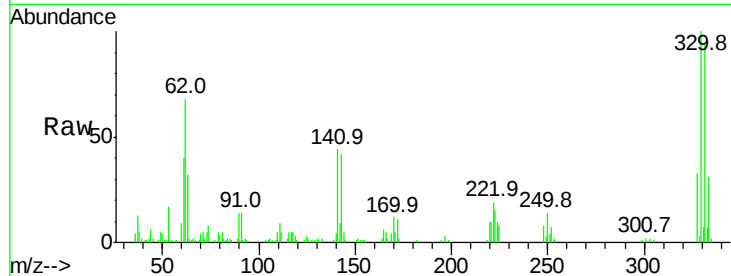
#41
 2,4,6-Tribromophenol
 Concen: 17.801 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098715.D
 Acq: 23 Sep 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-118-6(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	46286		
332	96.0		77.0	115.6
141	41.0		29.9	44.9

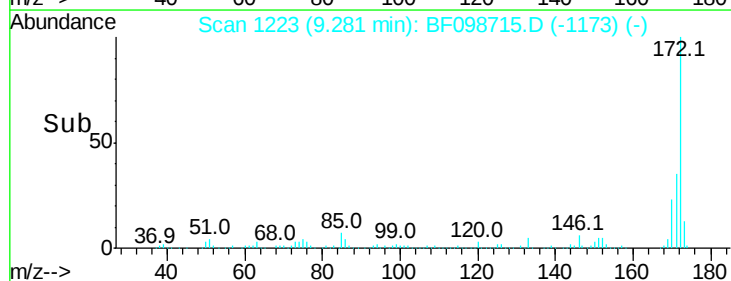
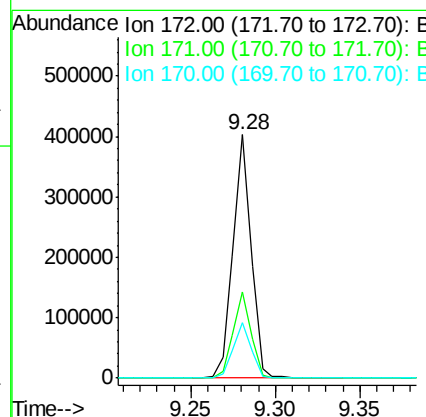
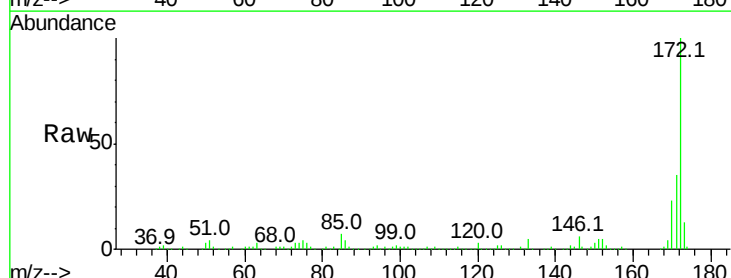
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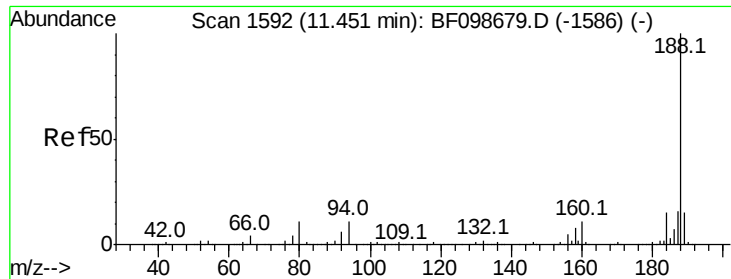
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#44
 2-Fluorobiphenyl
 Concen: 16.886 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098715.D
 Acq: 23 Sep 2017 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	301705		
171	35.2		29.7	44.5
170	22.8		19.6	29.4





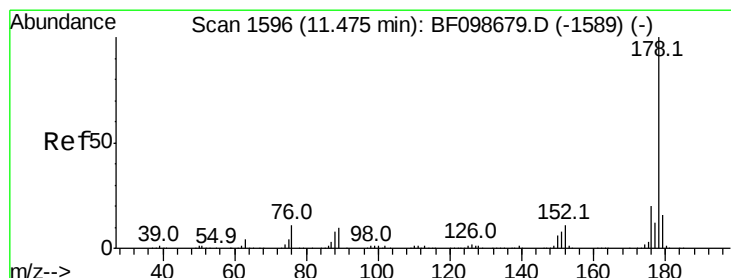
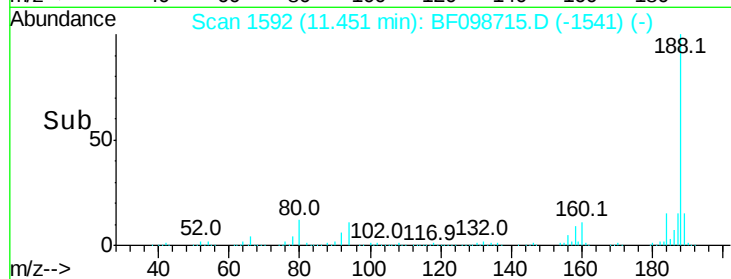
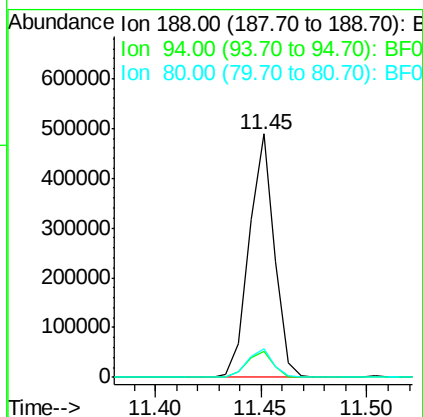
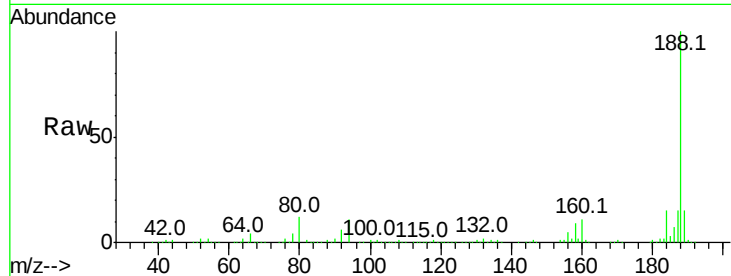
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	404494		
94	10.9		8.5	12.7
80	11.6		9.2	13.8

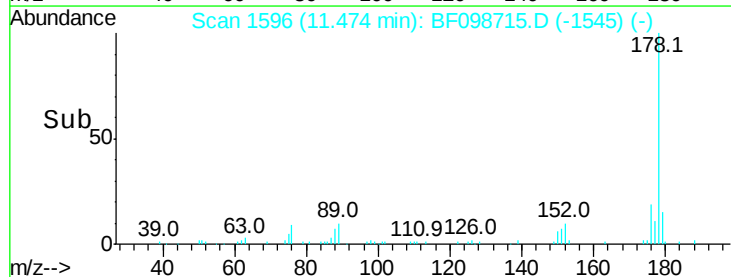
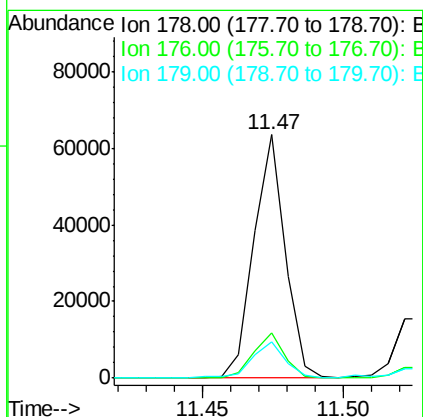
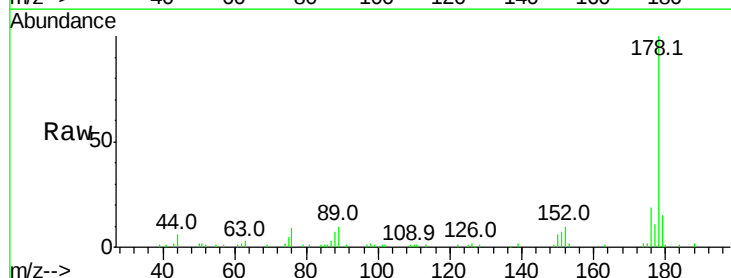
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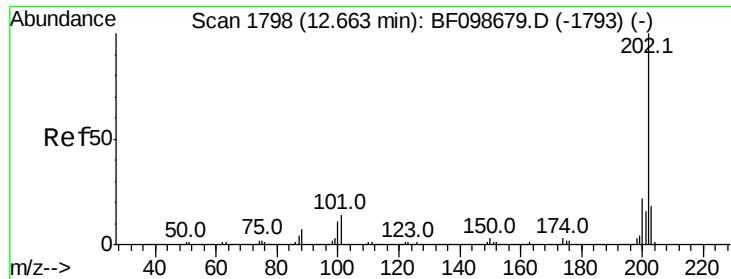
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#70
Phenanthrene
Concen: 2.231 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	48957		
176	18.6		15.8	23.8
179	14.8		13.0	19.6





#74

Fluoranthene

Concen: 7.244 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF098715.D

Acq: 23 Sep 2017 00:06

Instrument :

BNA_F

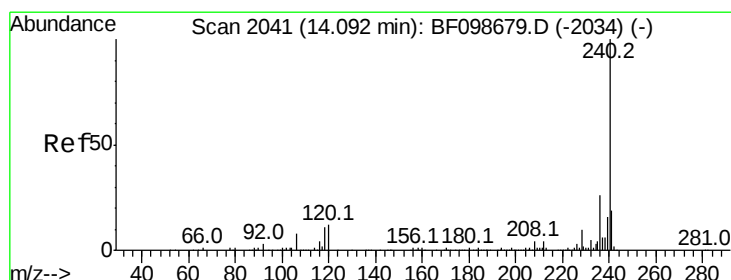
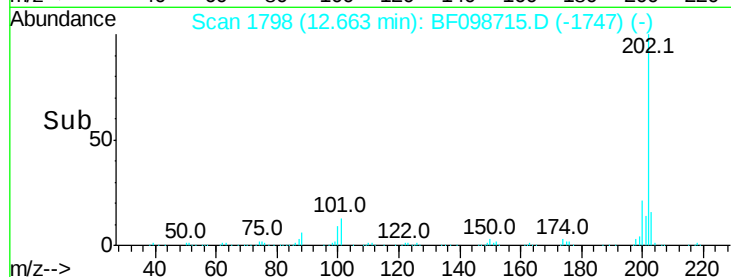
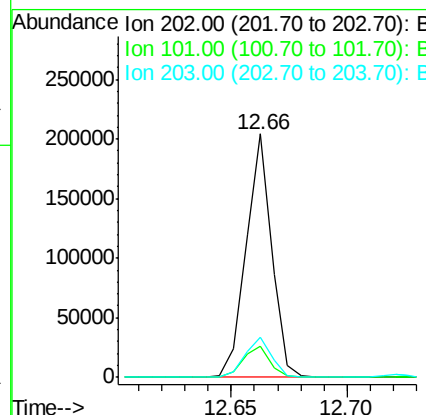
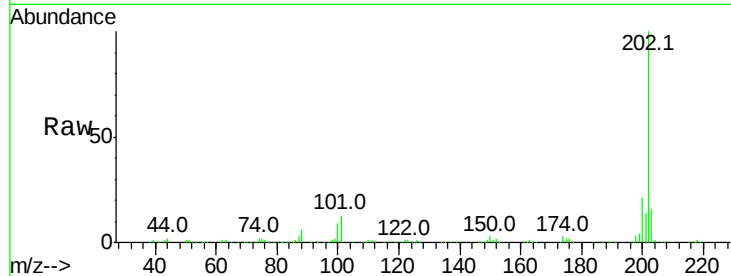
ClientSampleId :

SASP2P-ENV-118-6(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		158414		
101	12.9	0.0	34.1		
203	16.4	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

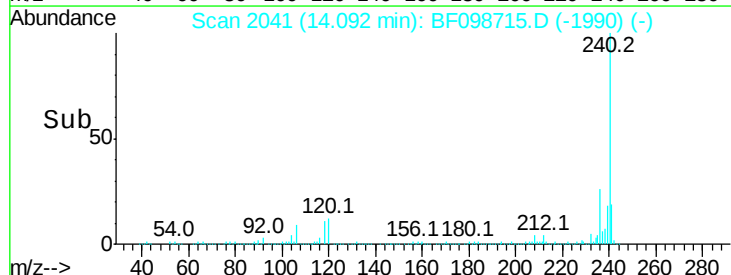
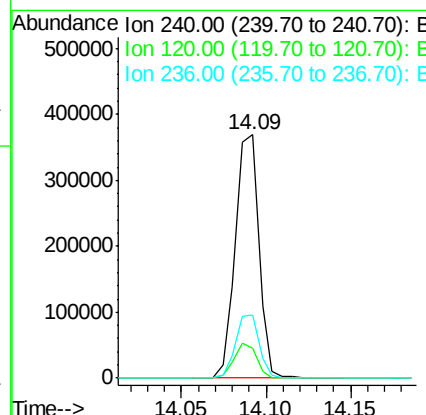
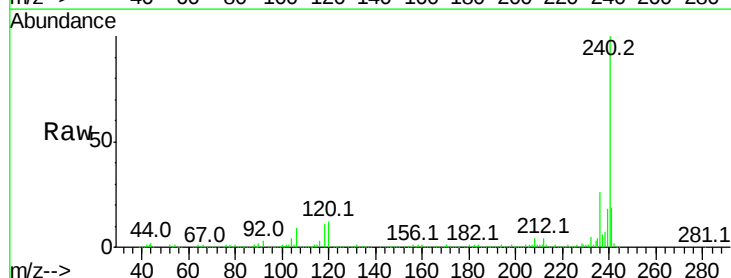
RT: 14.09 min Scan# 2041

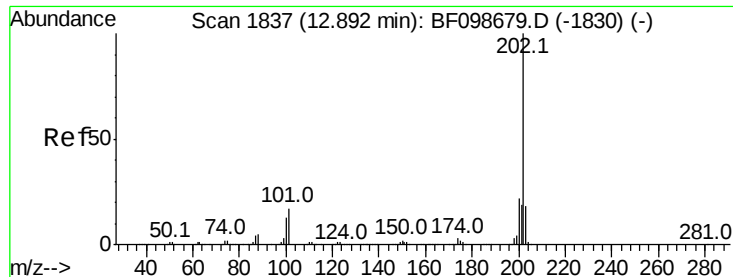
Delta R.T. 0.00 min

Lab File: BF098715.D

Acq: 23 Sep 2017 00:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		358301		
120	12.3	9.5	14.3		
236	25.8	20.7	31.1		





#77

Pvrene

Concen: 5.343 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF098715.D

Acq: 23 Sep 2017 00:06

Instrument :

BNA_F

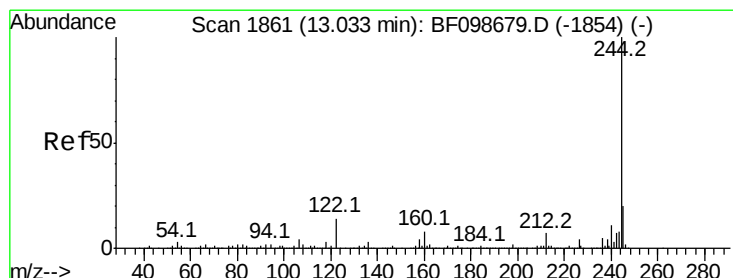
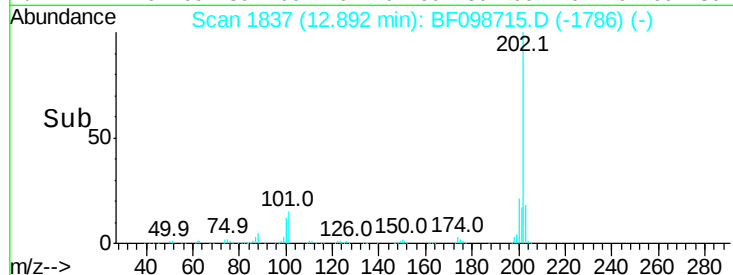
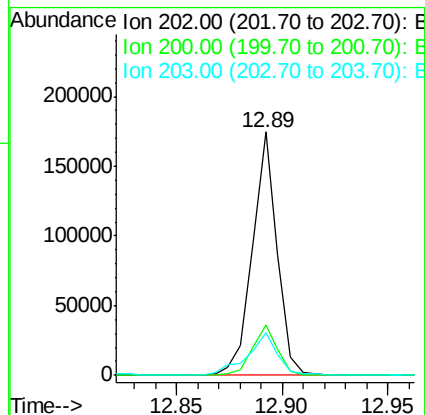
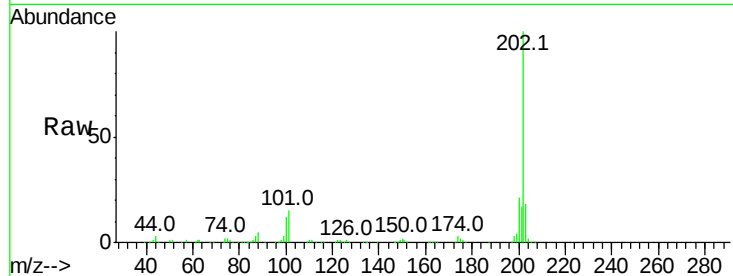
ClientSampleId :

SASP2P-ENV-118-6(0-5)

Tot Ion:	202	Resp:	142138
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 12.139 ng

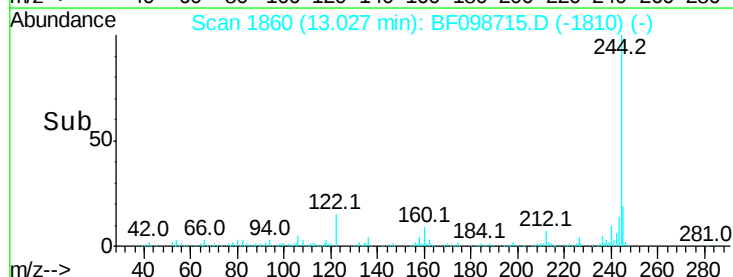
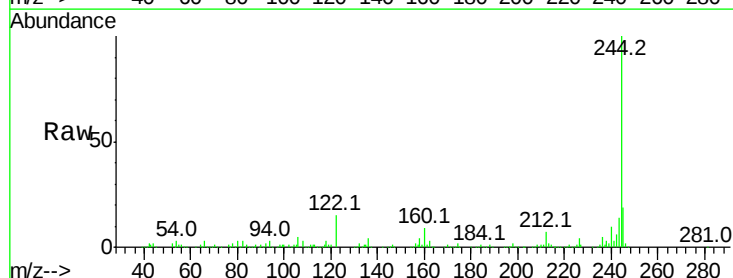
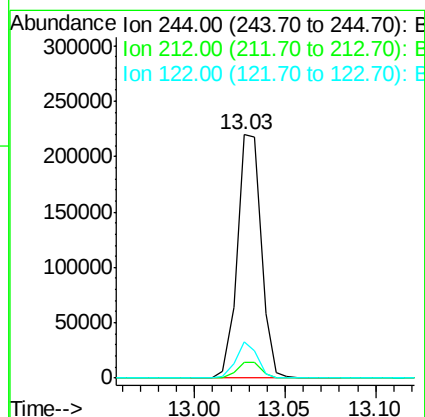
RT: 13.03 min Scan# 1860

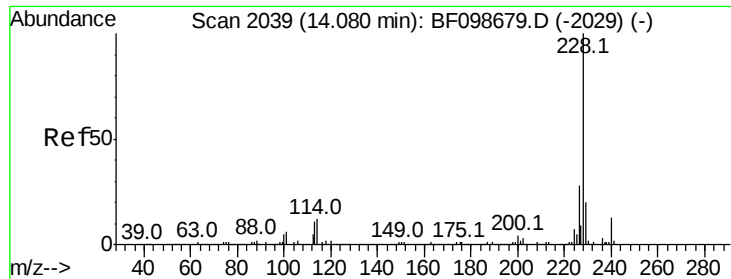
Delta R.T. -0.01 min

Lab File: BF098715.D

Acq: 23 Sep 2017 00:06

Tgt Ion:	244	Resp:	202559
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	14.7	11.0	16.4





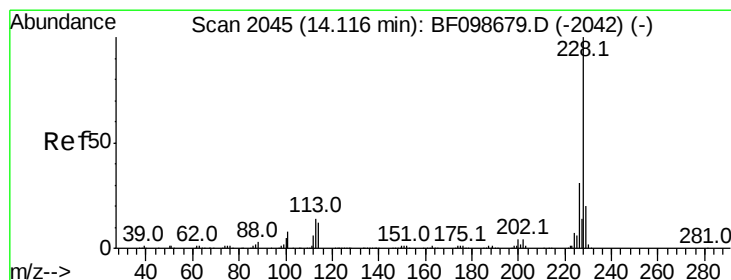
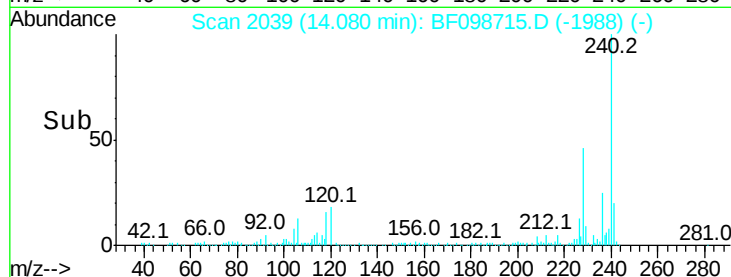
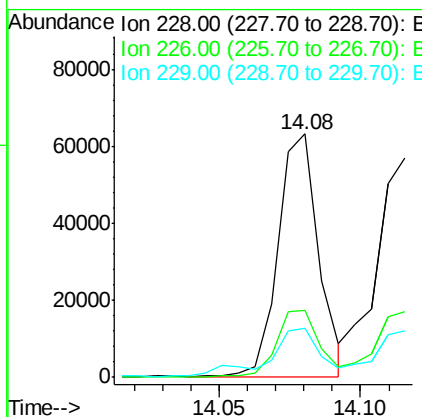
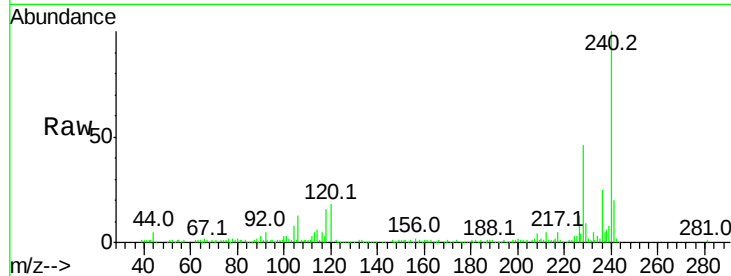
#80
Benzo(a)anthracene
Concen: 2.930 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.2	15.8	23.6

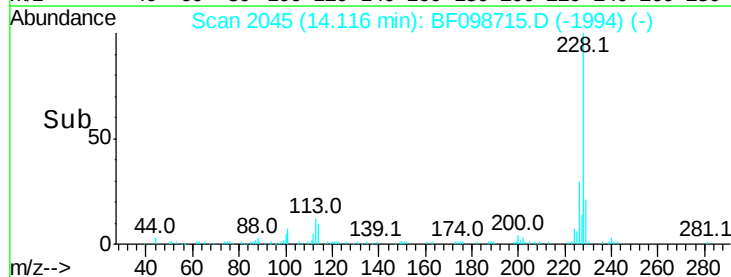
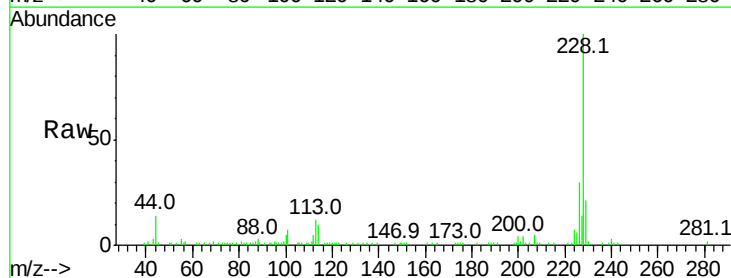
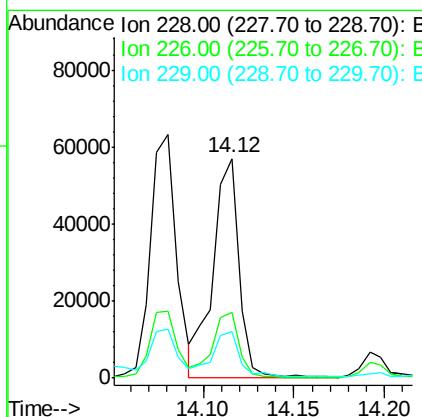
Manual Integrations
APPROVED

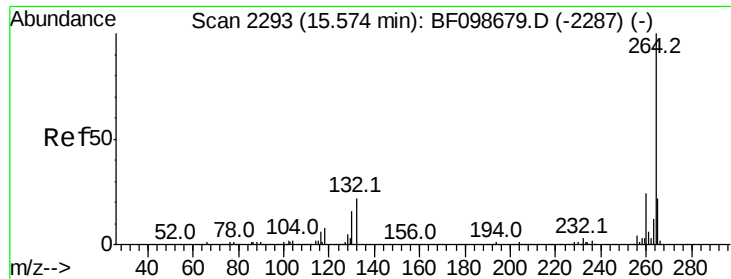
Sohil
9/25/2017 6:21:19 PM



#82
Chrysene
Concen: 2.763 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.4	16.2	24.4





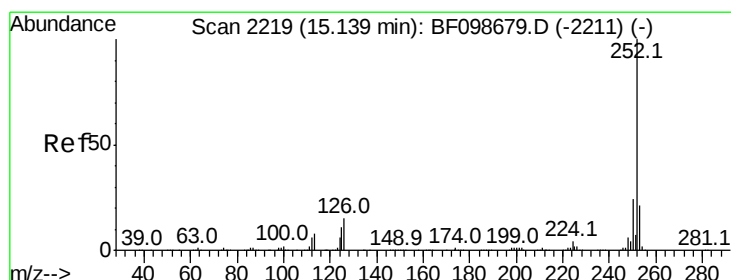
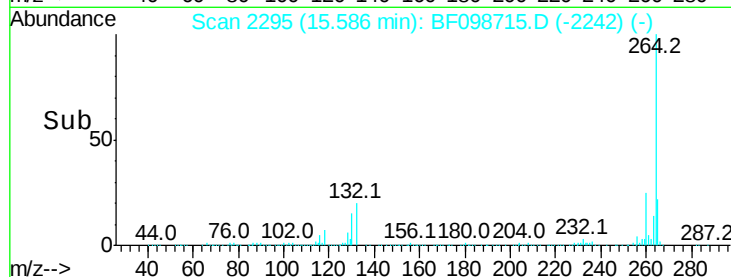
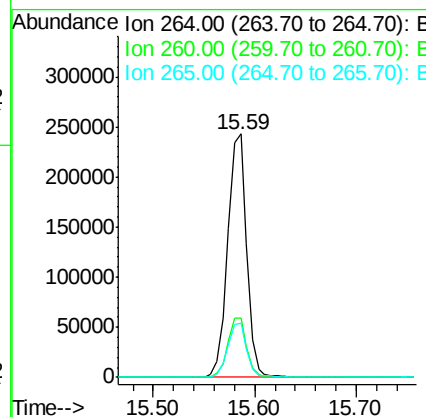
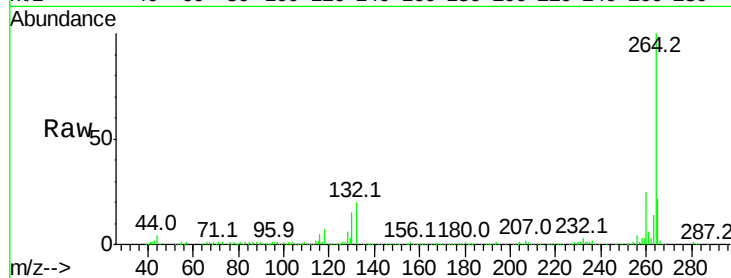
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:19 PM



#87
Benzo(b)fluoranthene
Concen: 2.335 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	14.0	9.0	13.6#

