

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098657.D
 Acq On : 20 Sep 2017 13:54
 Operator : SJ/JU
 Sample : I5276-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-3(0-5)

Manual Integrations
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Quant Time: Sep 21 11:22:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	103868	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	412229	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	180735	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	280377	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	230019	20.00	ng	-0.01
86) Perylene-d12	15.17	264	259835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	788276	112.21	ng	-0.01
7) Phenol-d6	6.28	99	954692	107.03	ng	-0.01
23) Nitrobenzene-d5	7.19	82	589342	79.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	161545	133.92	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1012977	95.00	ng	-0.02
78) Terphenyl-d14	12.72	244	781534	73.34	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.38	163	104897	7.498	ng	98
70) Phenanthrene	11.16	178	227921	15.334	ng	98
71) Anthracene	11.21	178	47886	3.138	ng	95
74) Fluoranthene	12.35	202	459984	30.914	ng	95
77) Pyrene	12.57	202	421792	23.245	ng	98
80) Benzo(a)anthracene	13.76	228	212476	15.756	ng	99
82) Chrysene	13.80	228	204577	15.007	ng	96
83) Bis(2-ethylhexyl)phthalate	13.76	149	61095	6.184	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.50	276	121924	12.748	ng	# 87
87) Benzo(b)fluoranthene	14.78	252	282933m	17.318	ng	
88) Benzo(k)fluoranthene	14.80	252	87255m	5.721	ng	
89) Benzo(a)pyrene	15.12	252	210566m	14.467	ng	
90) Dibenzo(a,h)anthracene	16.50	278	35261m	3.330	ng	
91) Benzo(g,h,i)perylene	16.90	276	109757	10.306	ng	92

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

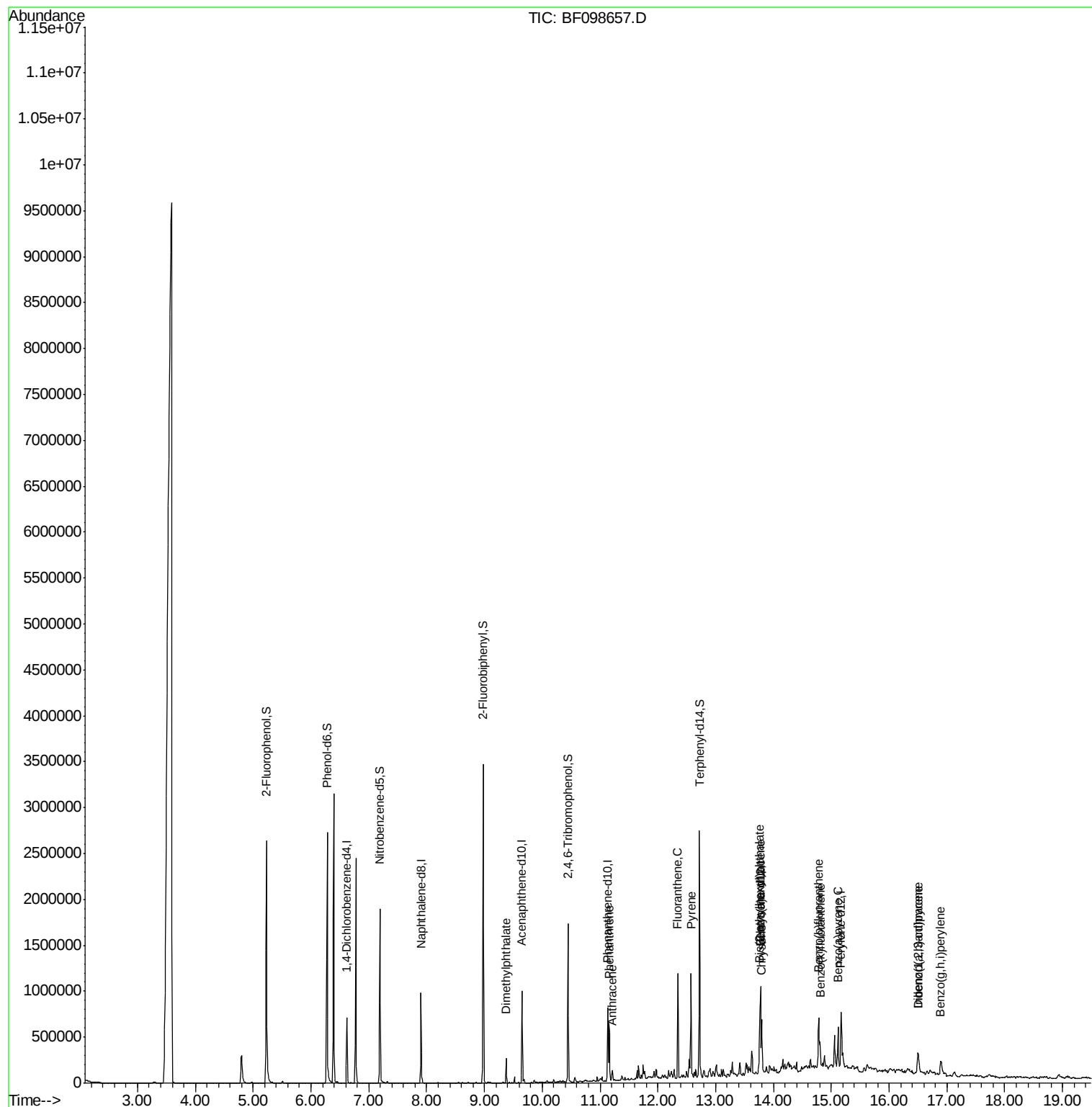
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
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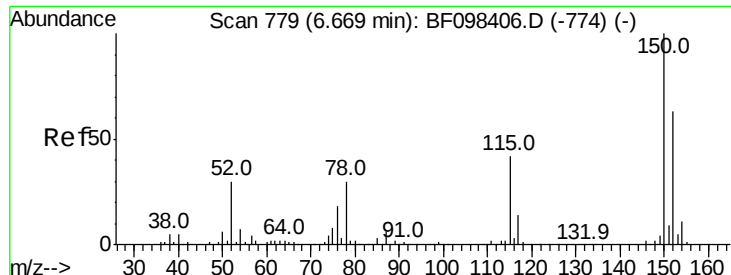
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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#1

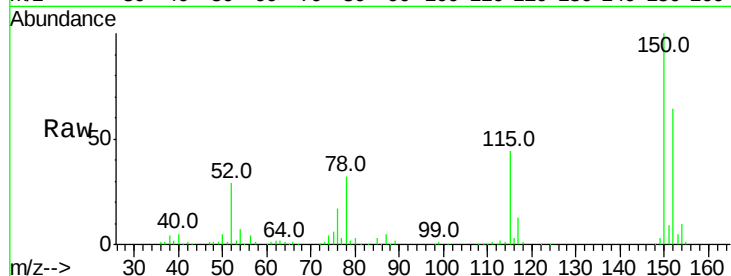
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-3(0-5)

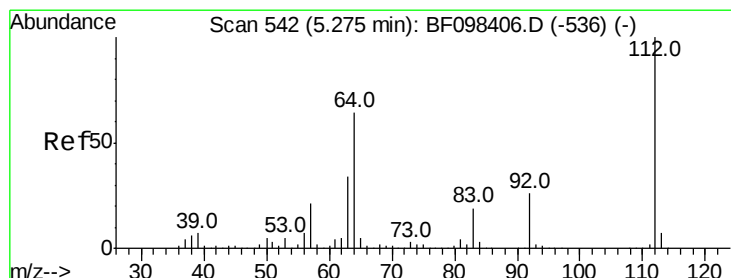
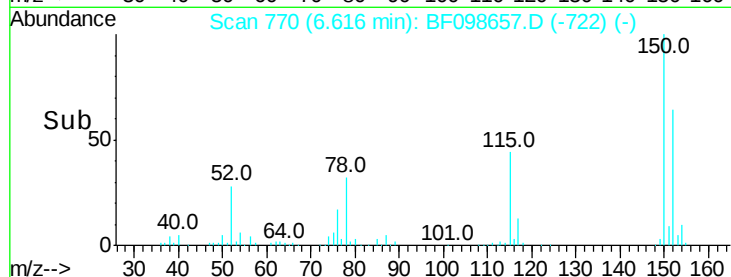
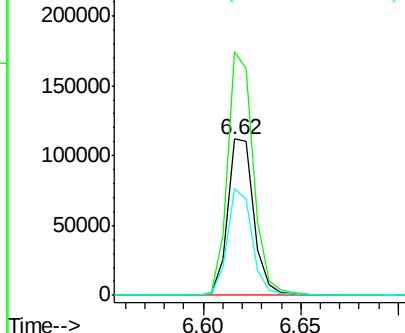
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	68.5	52.2	78.2

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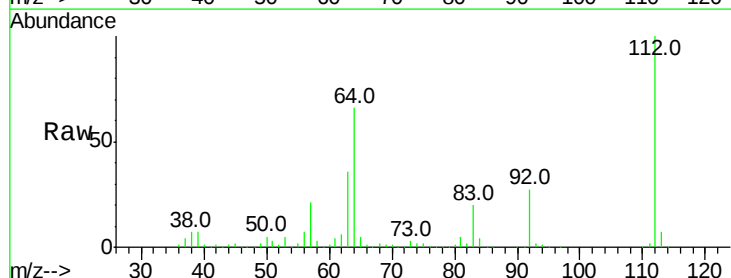
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



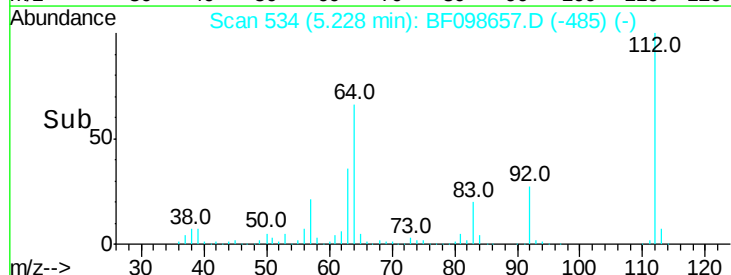
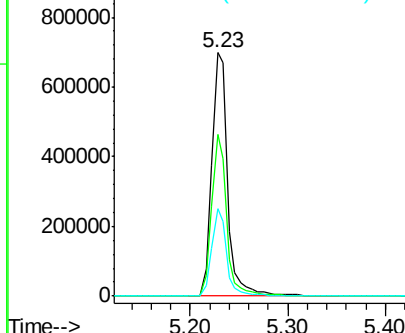
#5

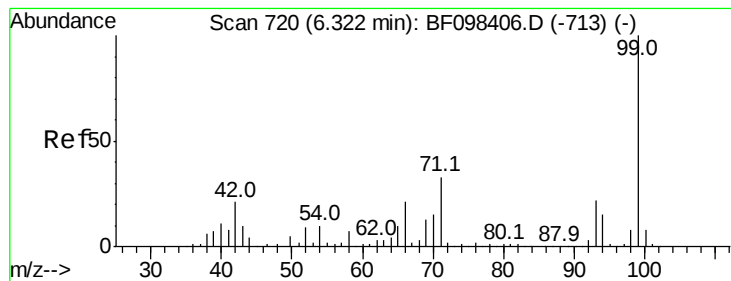
2-Fluorophenol
Concen: 112.208 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	46.0	69.0
63	36.0	23.4	35.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.034 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098657.D

Acq: 20 Sep 2017 13:54

Instrument :

BNA_F

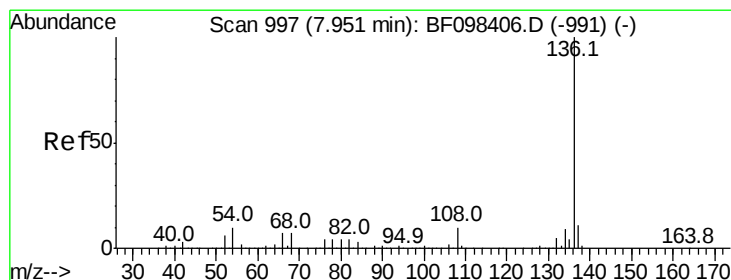
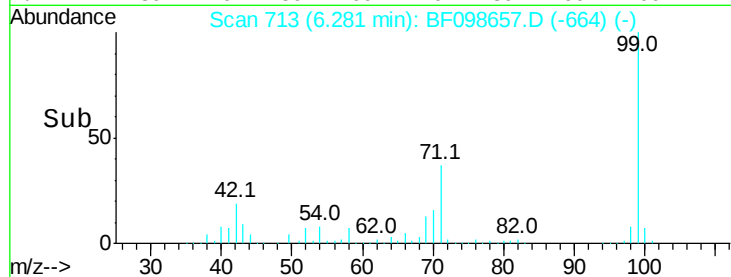
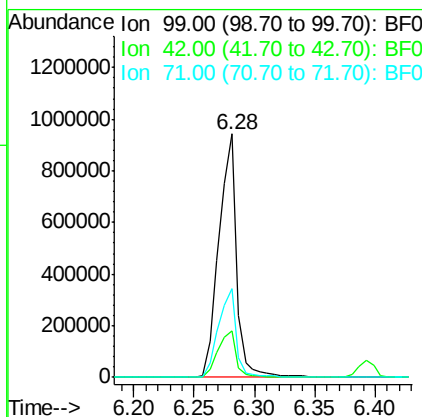
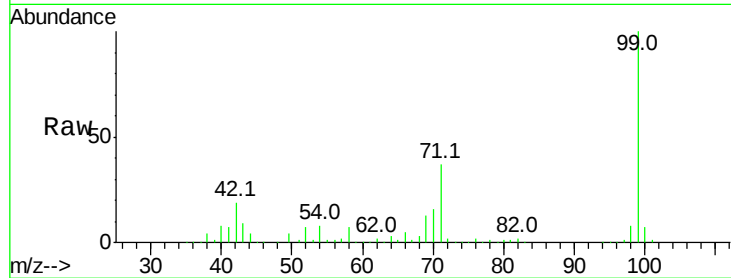
ClientSampleId :

SASP2P-ENV-125-3(0-5)

Tot Ion:	99	Resp:	954692
Ion Ratio	Lower	Upper	
99	100		
42	19.3	13.5	20.3
71	36.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

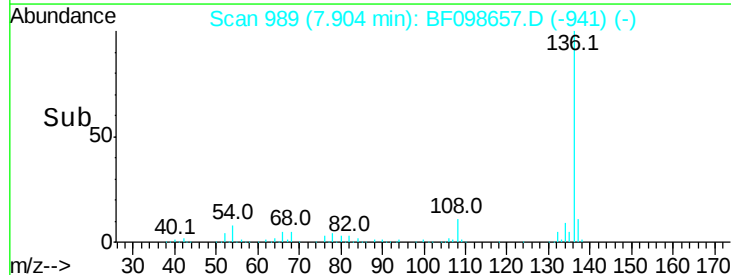
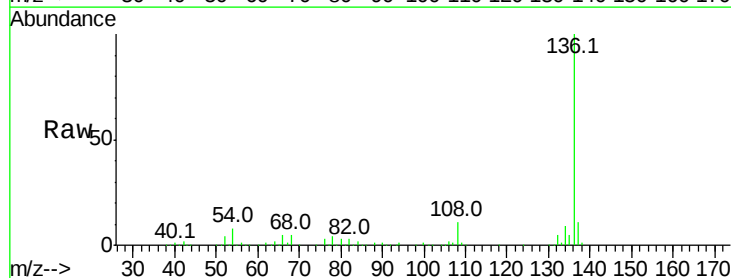
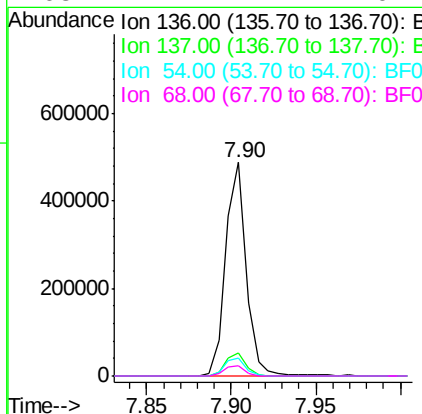
RT: 7.90 min Scan# 989

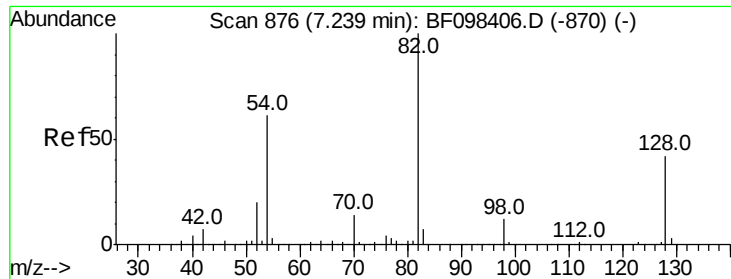
Delta R.T. -0.02 min

Lab File: BF098657.D

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Tgt Ion:	136	Resp:	412229
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	8.3	4.9	7.3#
68	4.7	4.1	6.1





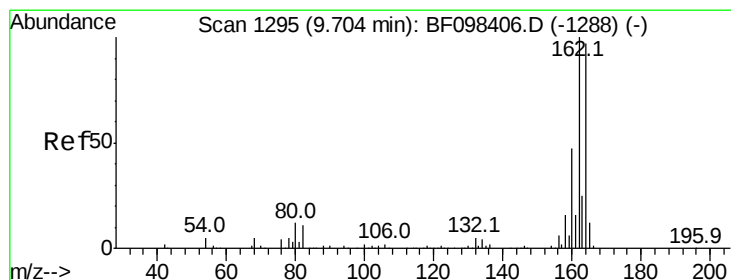
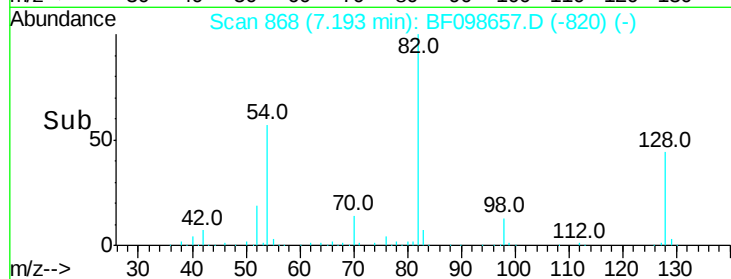
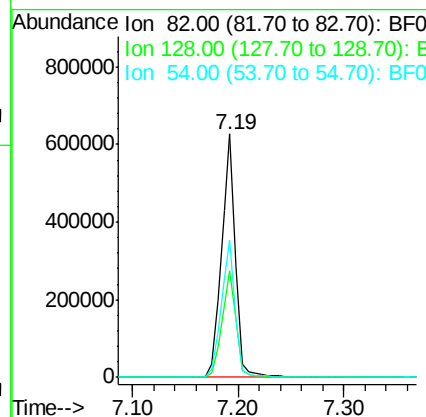
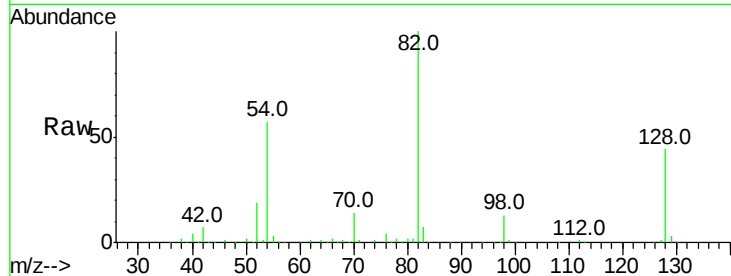
#23
 Nitrobenzene-d5
 Concen: 79.702 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF098657.D
 Acq: 20 Sep 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-3(0-5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	56.6	42.2	63.2

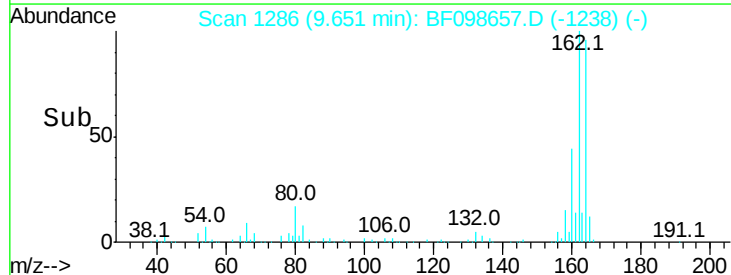
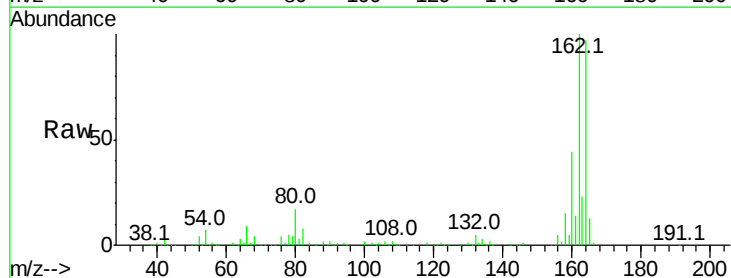
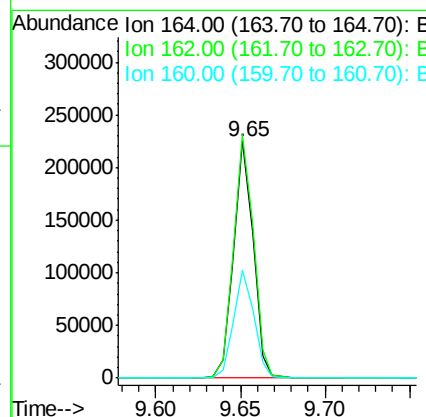
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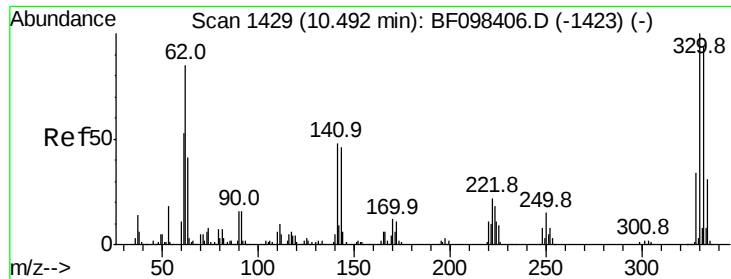
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF098657.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.7	36.2	54.2





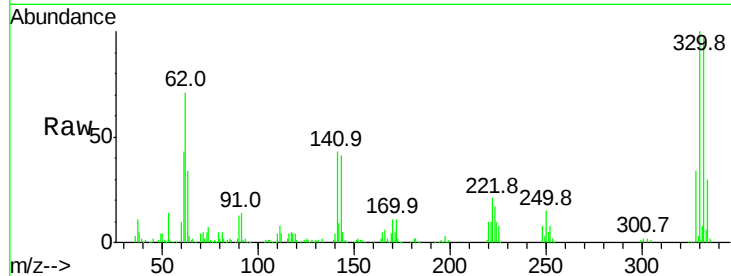
#41
 2,4,6-Tribromophenol
 Concen: 133.922 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF098657.D
 Acq: 20 Sep 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-3(0-5)

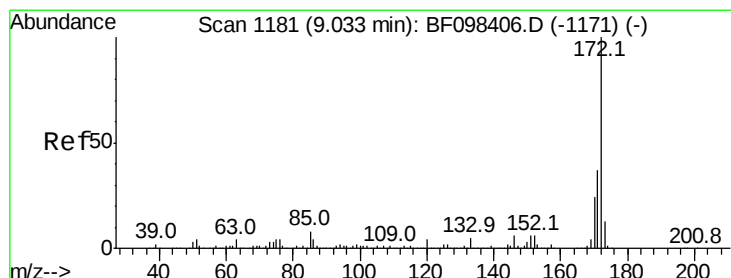
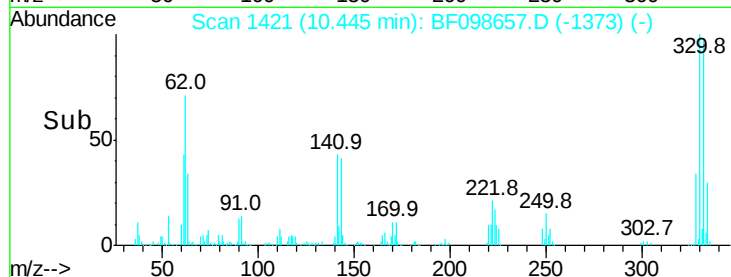
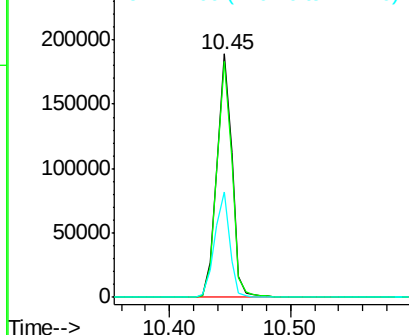
Tot Ion	Ratio	Resp	Lower	Upper
330	100	161545		
332	96.5	76.6	115.0	
141	43.1	31.4	47.2	

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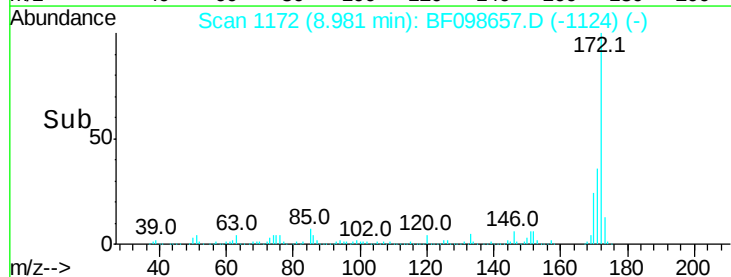
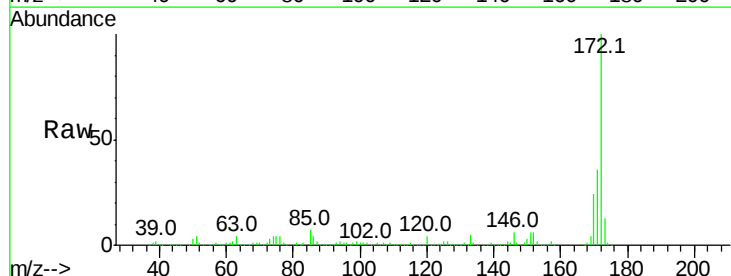
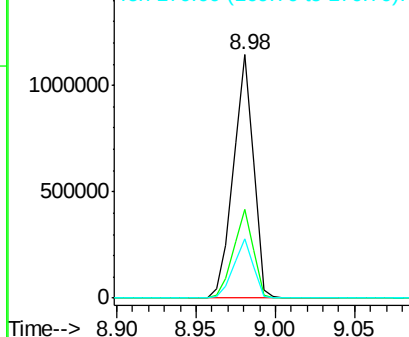
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

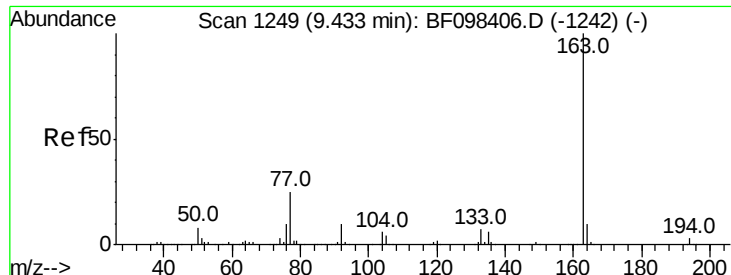


#44
 2-Fluorobiphenyl
 Concen: 94.996 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF098657.D
 Acq: 20 Sep 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1012977		
171	36.2	29.6	44.4	
170	24.3	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





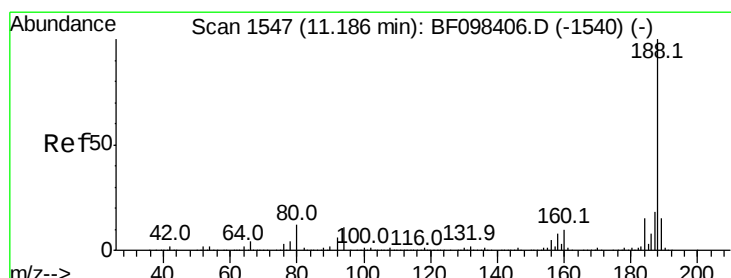
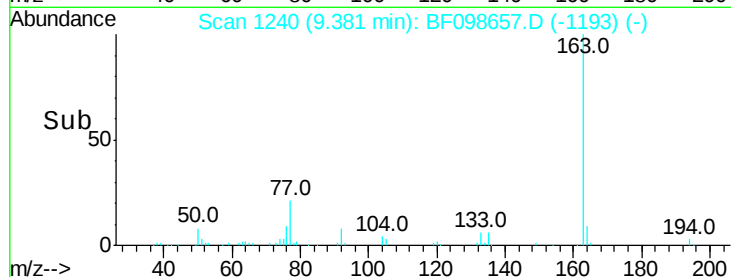
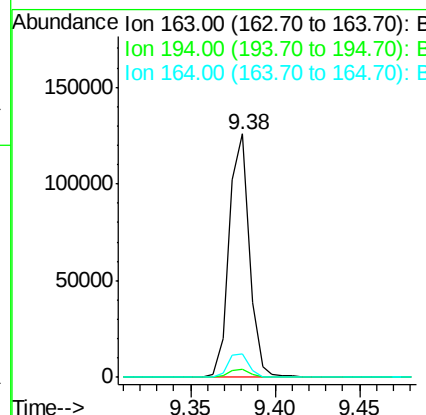
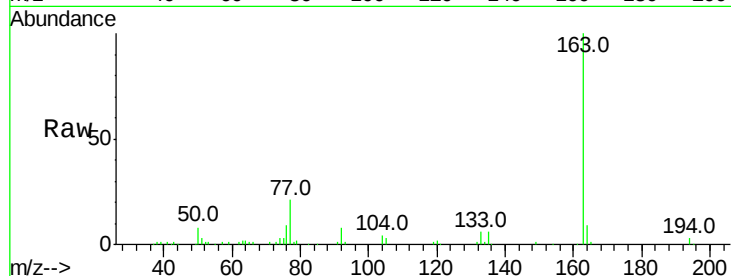
#49
Dimethylphthalate
Concen: 7.498 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-3(0-5)

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.4	8.4	12.6

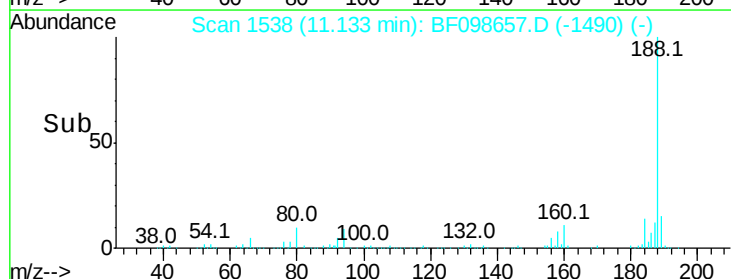
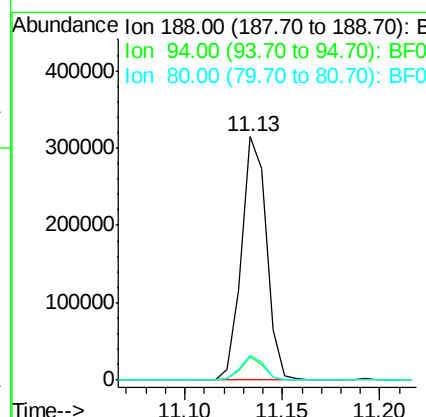
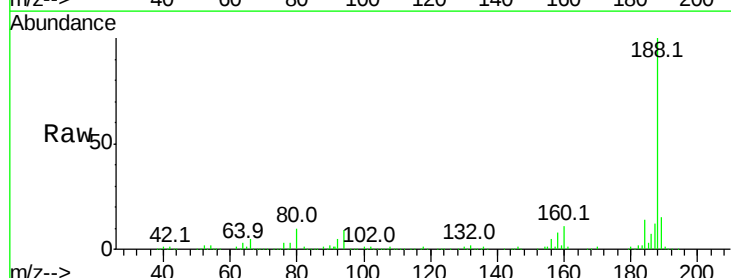
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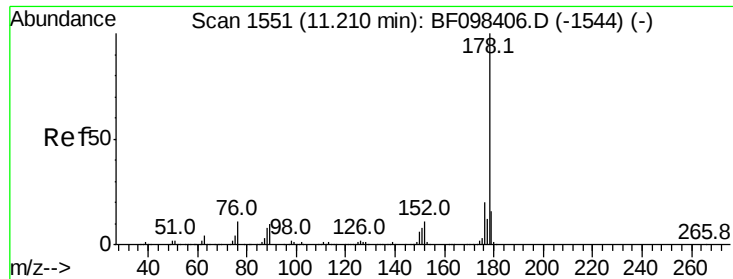
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.0	10.2	15.2#





#70

Phenanthrene

Concen: 15.334 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.02 min

Lab File: BF098657.D

Acq: 20 Sep 2017 13:54

Instrument :

BNA_F

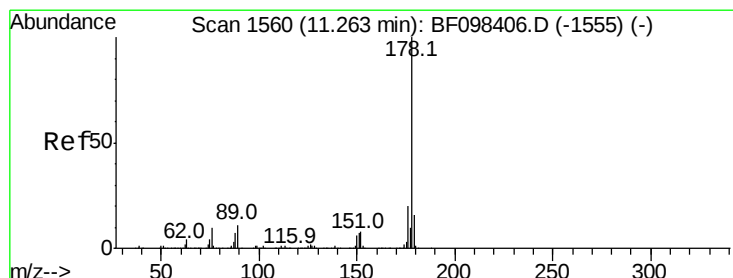
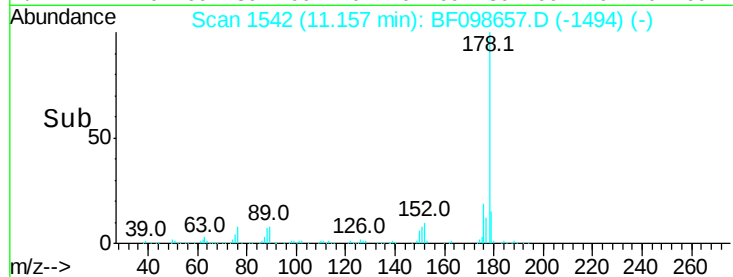
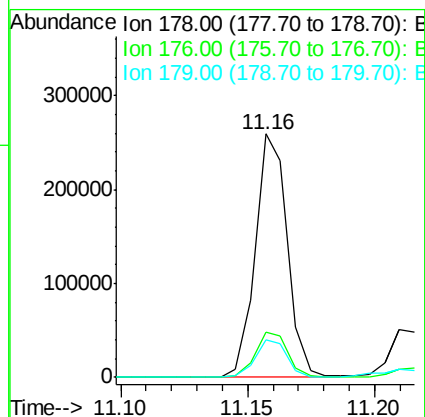
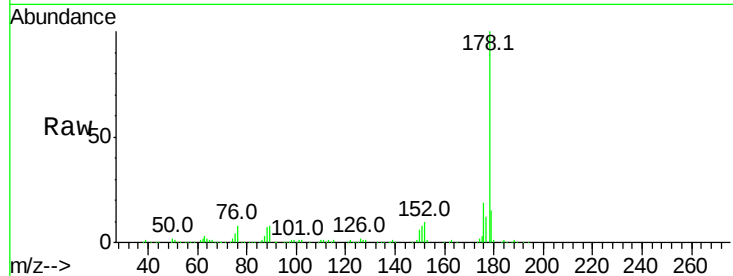
ClientSampleId :

SASP2P-ENV-125-3(0-5)

Tot Ion:178	Resp:	227921
Ion Ratio	Lower	Upper
178	100	
176	18.7	16.2 24.4
179	15.3	12.6 19.0

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#71

Anthracene

Concen: 3.138 ng

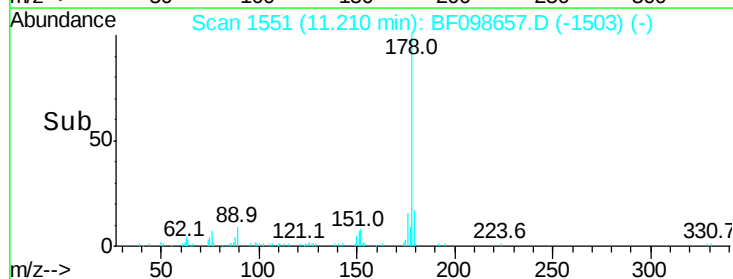
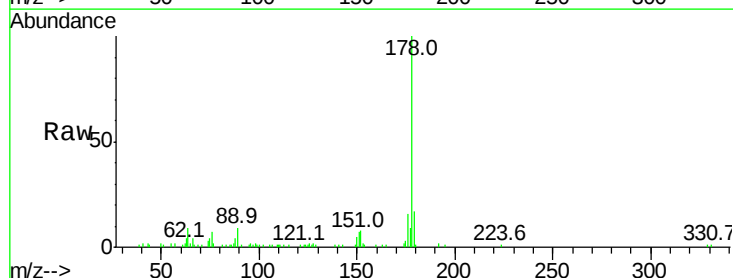
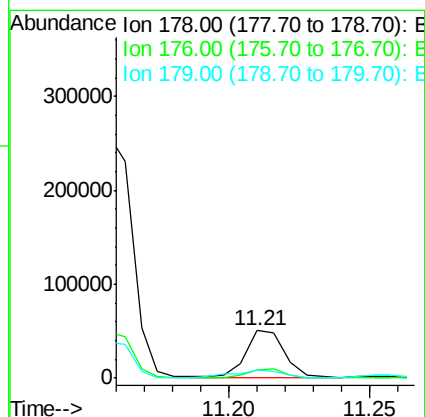
RT: 11.21 min Scan# 1551

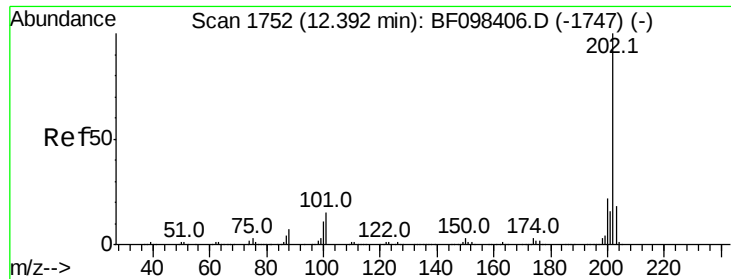
Delta R.T. -0.02 min

Lab File: BF098657.D

Acq: 20 Sep 2017 13:54

Tgt Ion:178	Resp:	47886
Ion Ratio	Lower	Upper
178	100	
176	16.4	15.8 23.8
179	17.0	12.7 19.1





#74

Fluoranthene

Concen: 30.914 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF098657.D

Acq: 20 Sep 2017 13:54

Instrument :

BNA_F

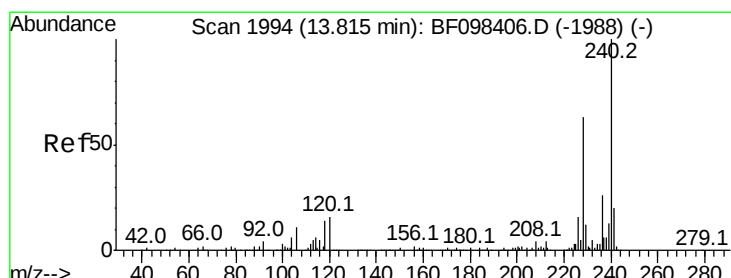
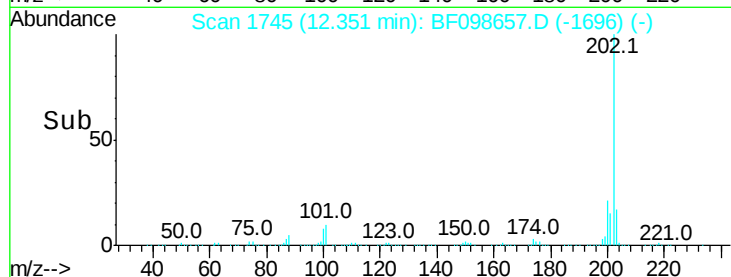
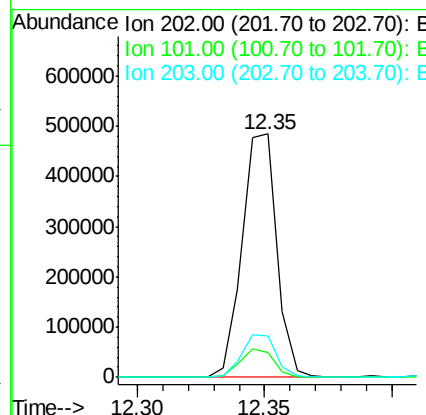
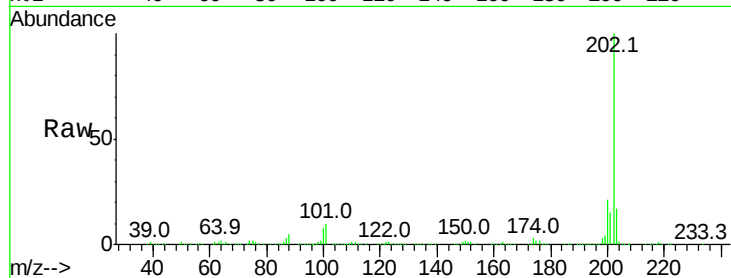
ClientSampleId :

SASP2P-ENV-125-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	459984		
101	10.0	0.0	33.2	
203	17.1	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

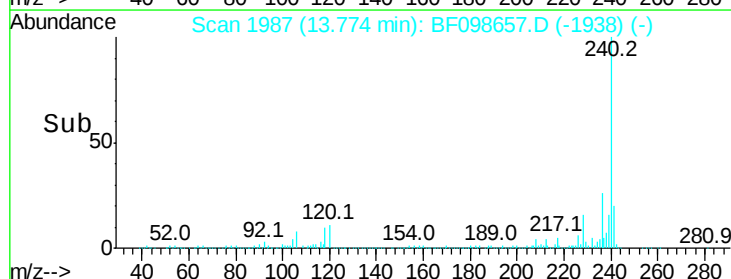
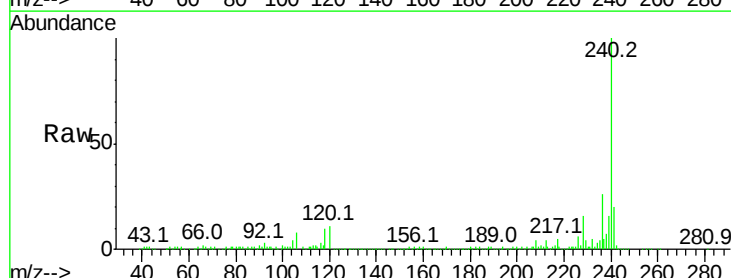
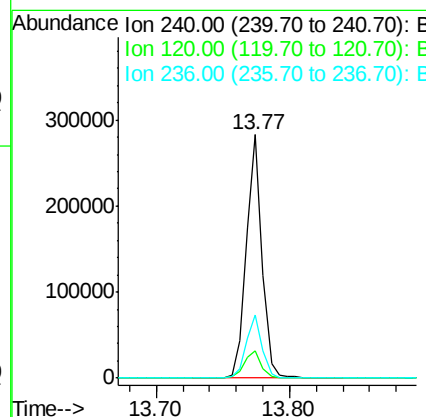
RT: 13.77 min Scan# 1987

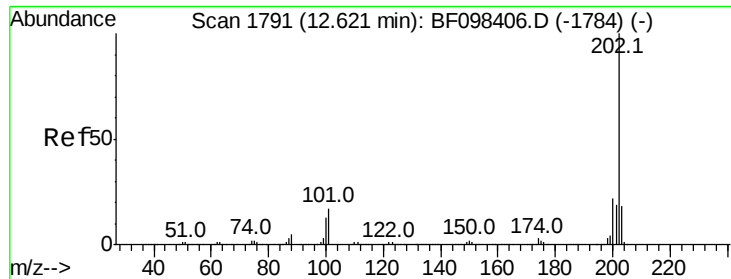
Delta R.T. -0.01 min

Lab File: BF098657.D

Acq: 20 Sep 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	230019		
120	11.0	5.8	8.8#	
236	25.9	20.5	30.7	





#77

Pvrene

Concen: 23.245 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF098657.D

Acq: 20 Sep 2017 13:54

Instrument :

BNA_F

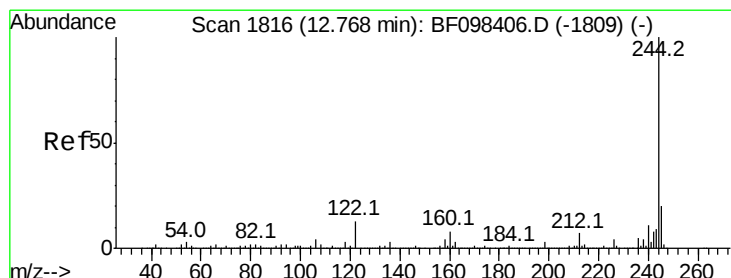
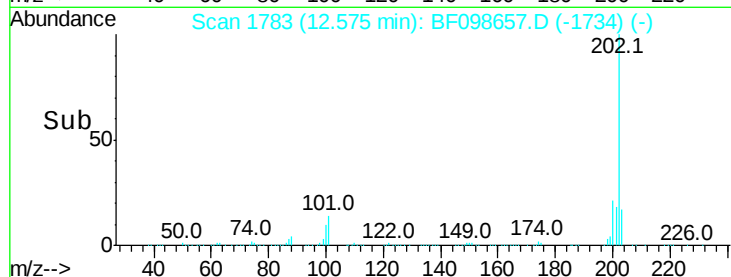
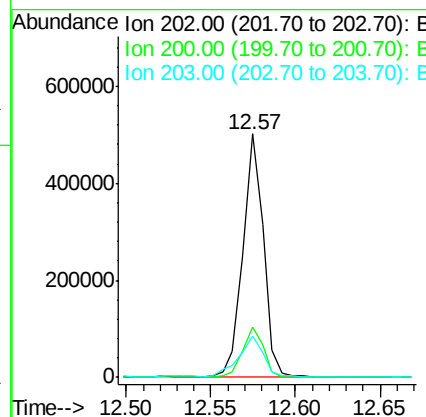
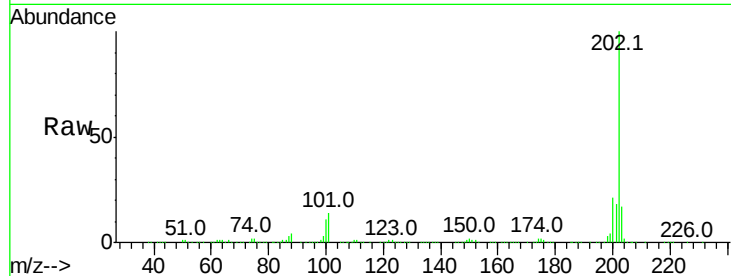
ClientSampleId :

SASP2P-ENV-125-3(0-5)

Tot Ion:	202	Resp:	421792
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	16.9	14.4	21.6

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#78

Terphenyl-d14

Concen: 73.338 ng

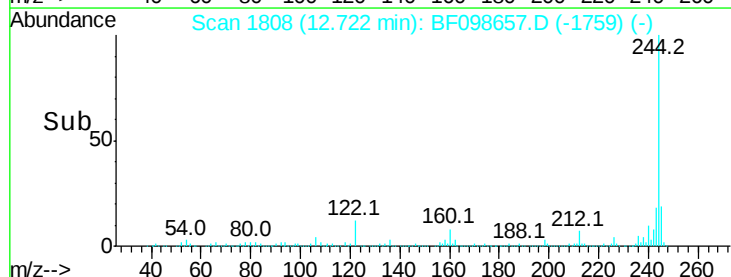
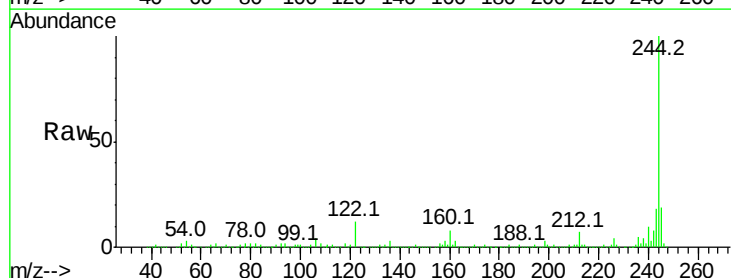
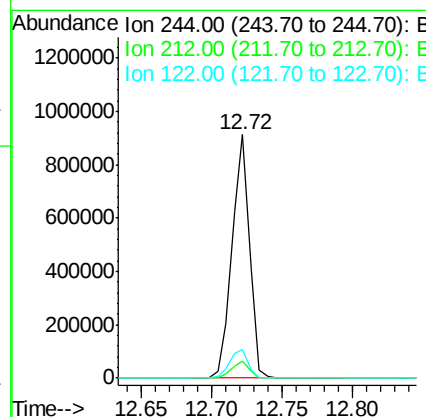
RT: 12.72 min Scan# 1808

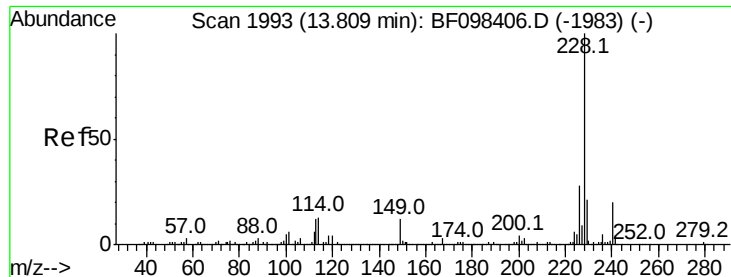
Delta R.T. -0.01 min

Lab File: BF098657.D

Acq: 20 Sep 2017 13:54

Tgt Ion:	244	Resp:	781534
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	11.8	10.3	15.5





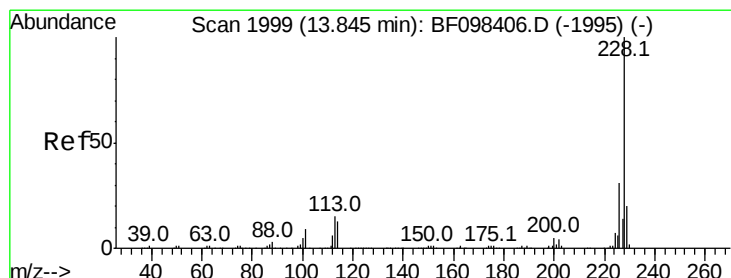
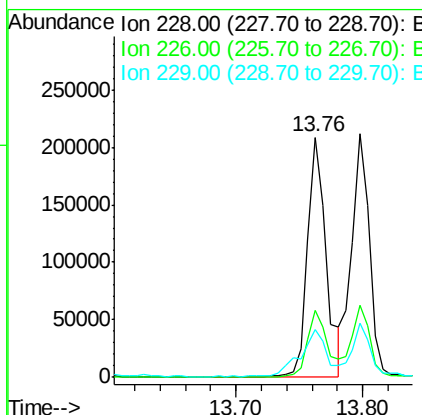
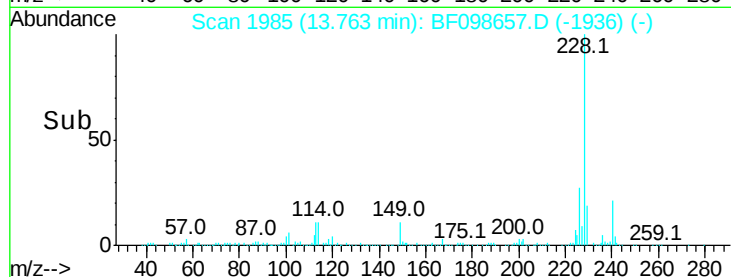
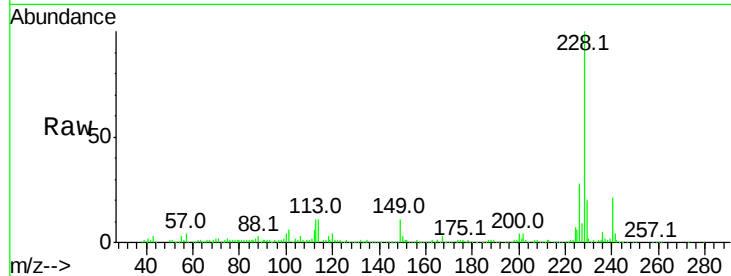
#80
Benzo(a)anthracene
Concen: 15.756 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-3(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	16.3	24.5

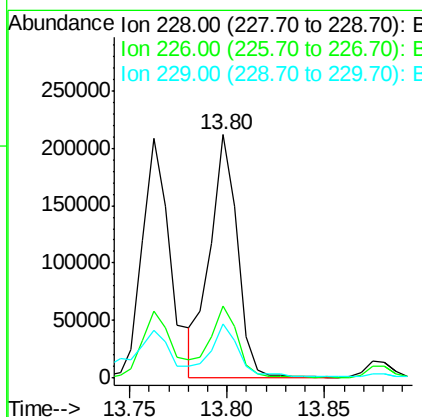
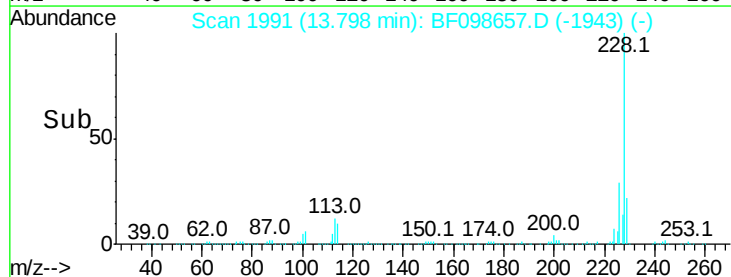
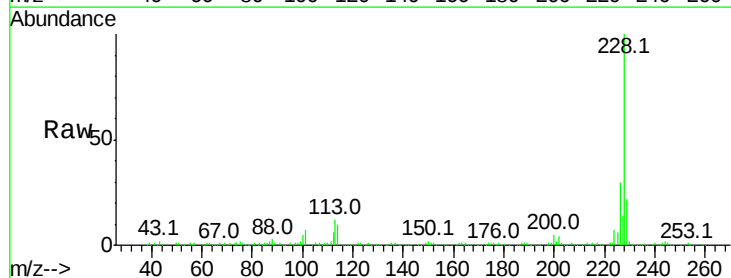
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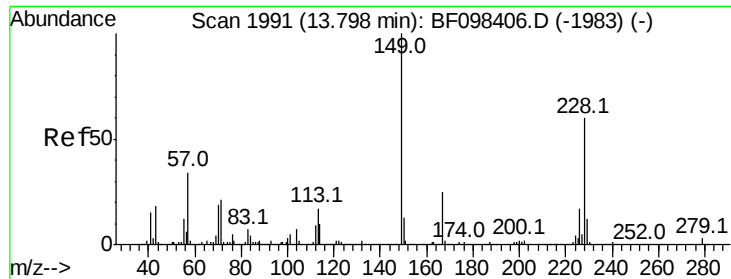
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#82
Chrysene
Concen: 15.007 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.0	15.8	23.6





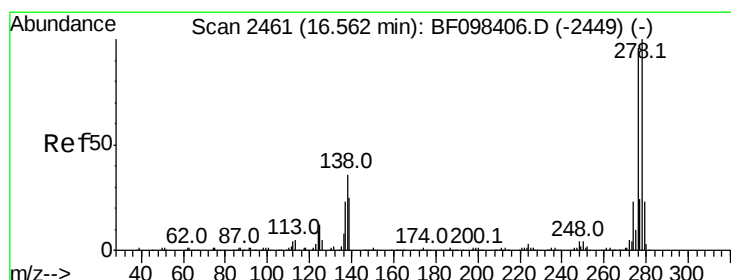
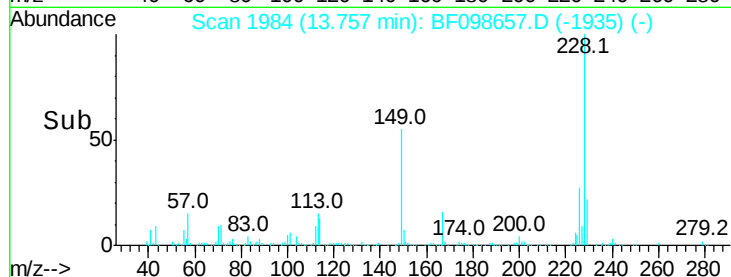
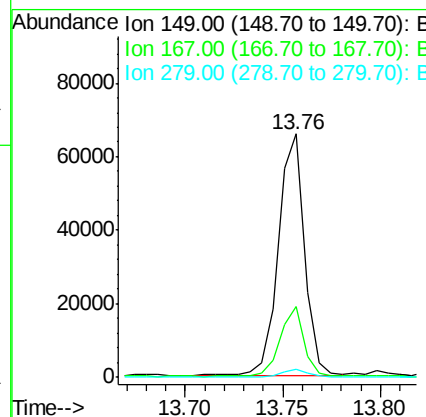
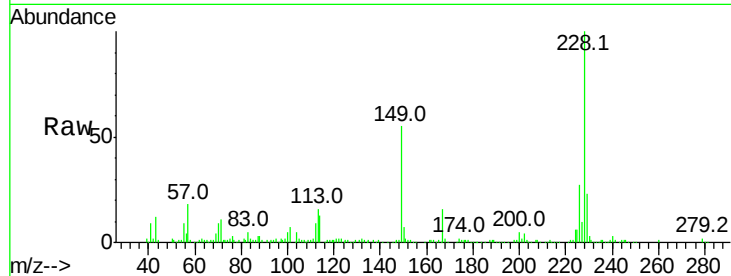
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.184 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
149	100	61095		
167	29.2		21.0	31.4
279	3.2		1.9	2.9#

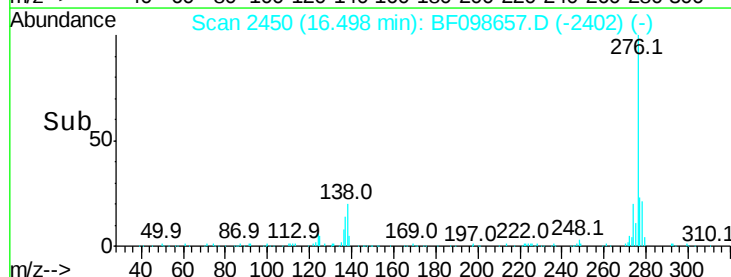
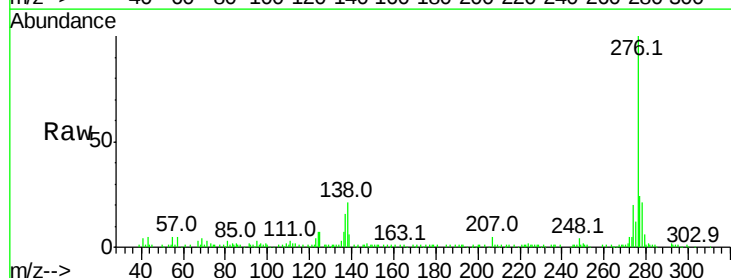
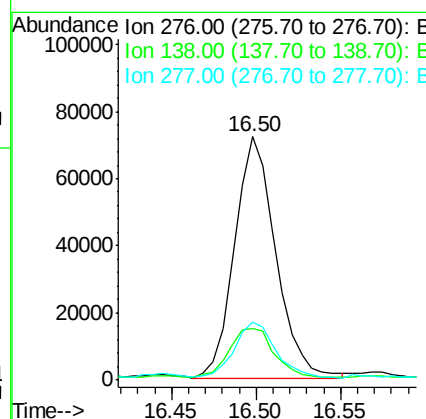
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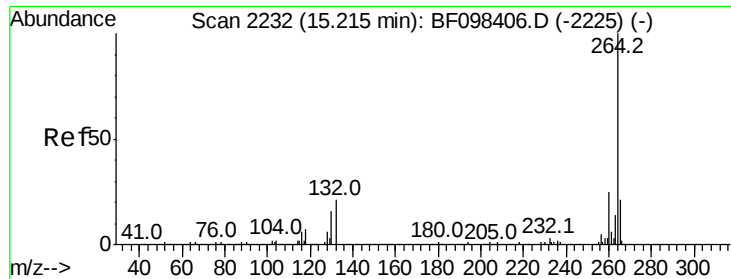
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#85
Indeno(1,2,3-cd)pyrene
Concen: 12.748 ng
RT: 16.50 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	121924		
138	23.5		27.8	41.6#
277	23.5		20.2	30.4





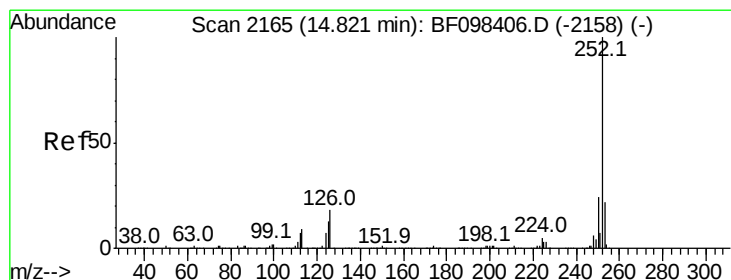
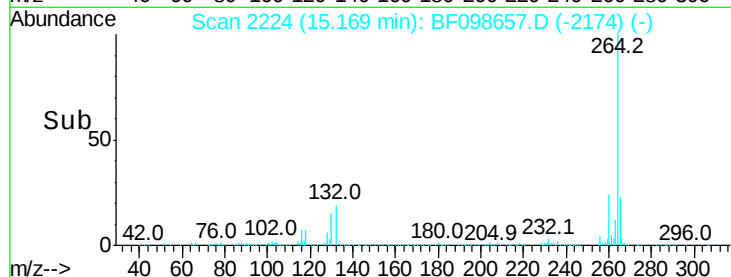
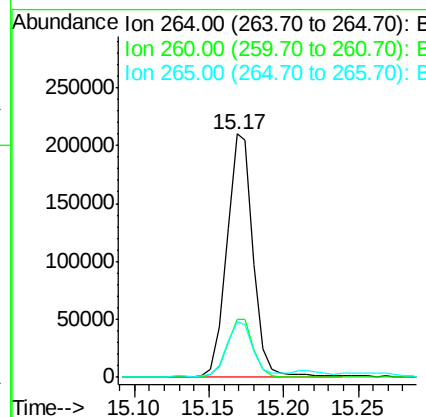
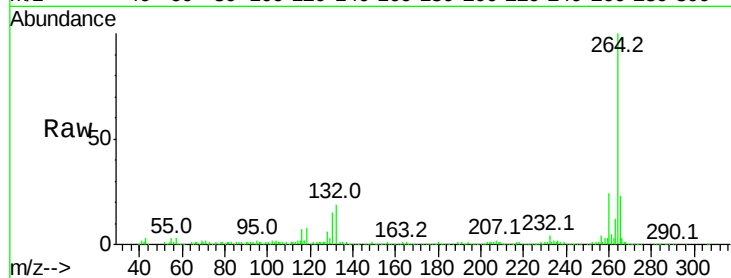
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-3(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.9	17.2	25.8

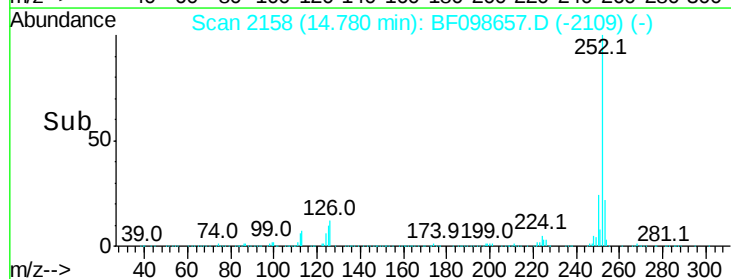
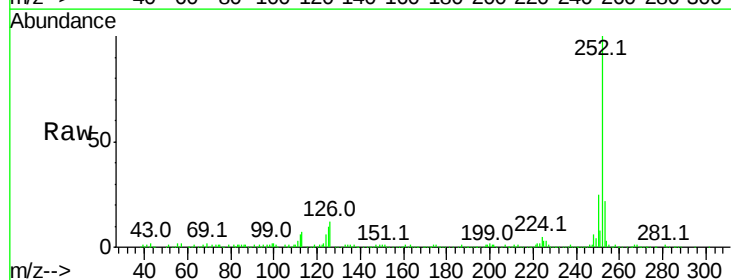
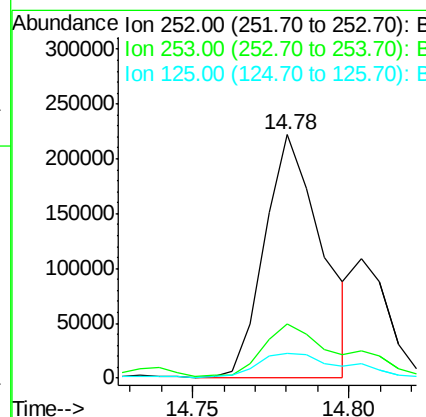
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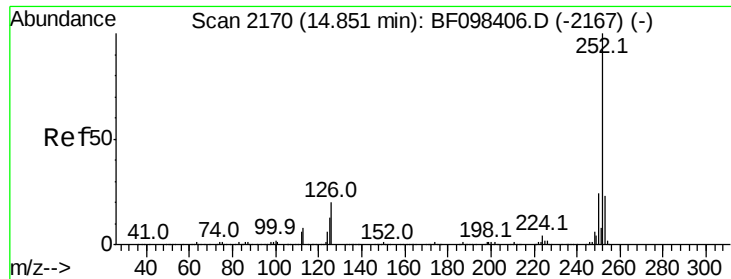
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#87
Benzo(b)fluoranthene
Concen: 17.318 ng m
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.2	9.8	14.8





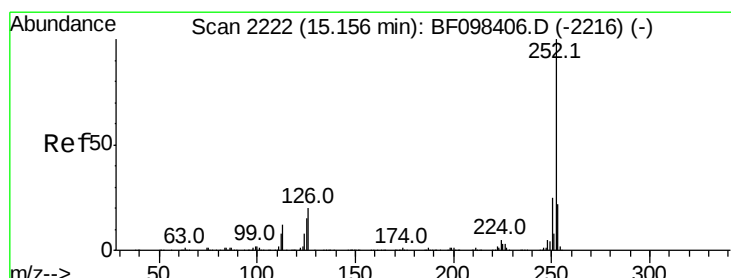
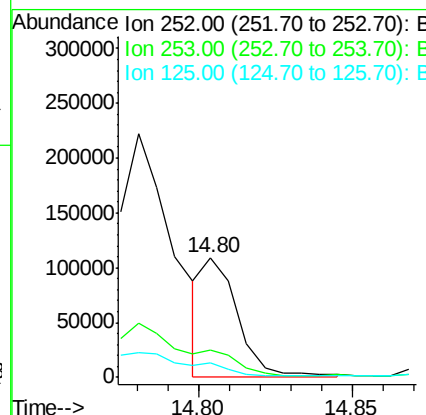
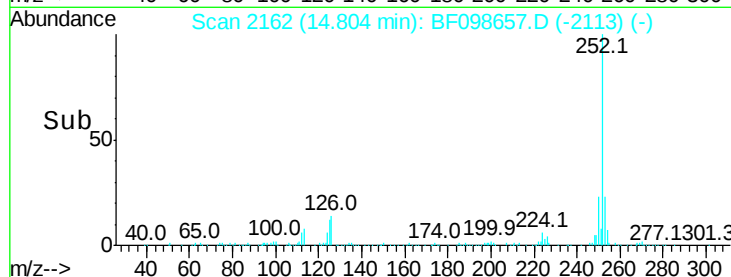
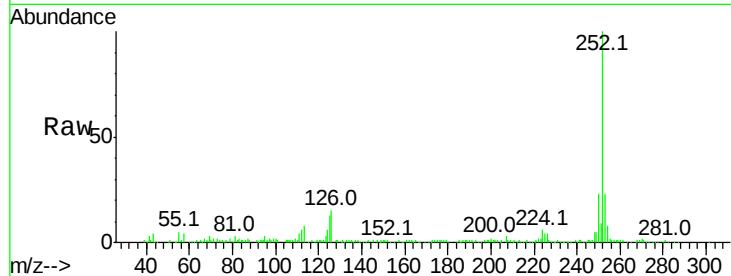
#88
Benzo(k)fluoranthene
Concen: 5.721 ng m
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-3(0-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	12.6	13.1	19.7

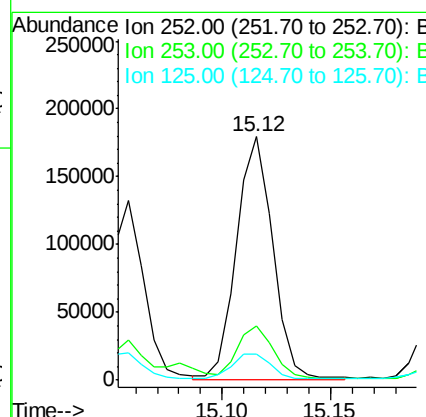
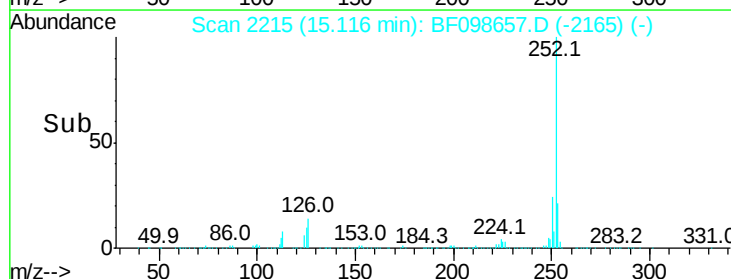
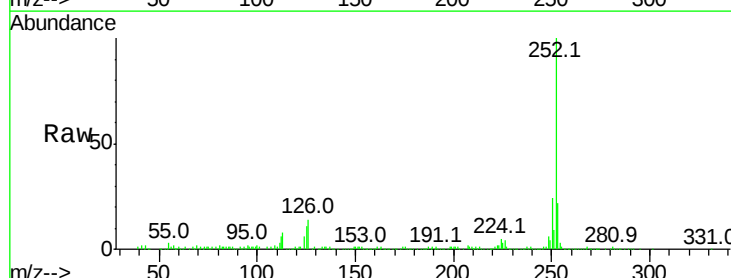
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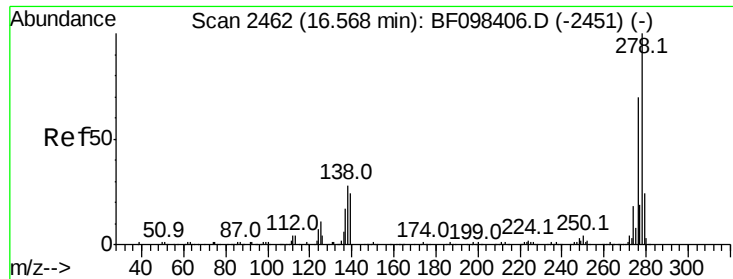
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#89
Benzo(a)pyrene
Concen: 14.467 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.9	11.0	16.4





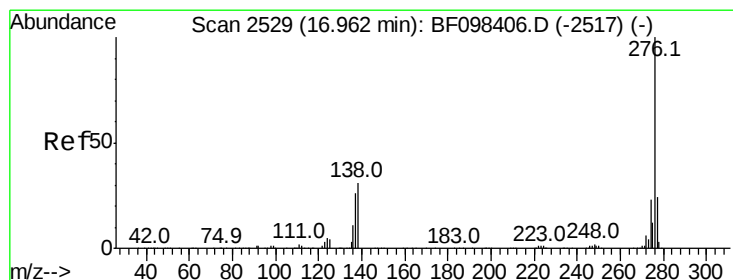
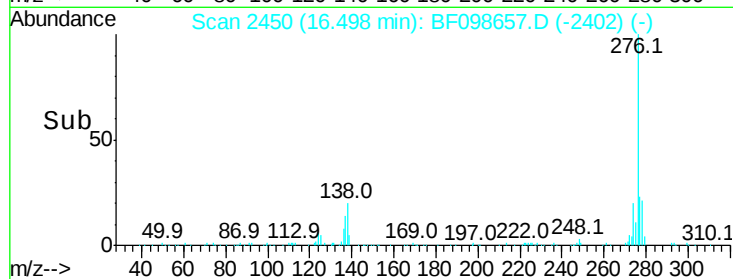
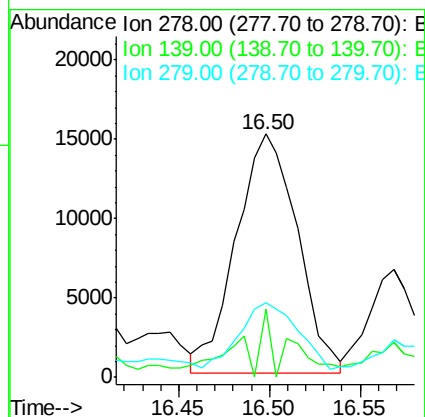
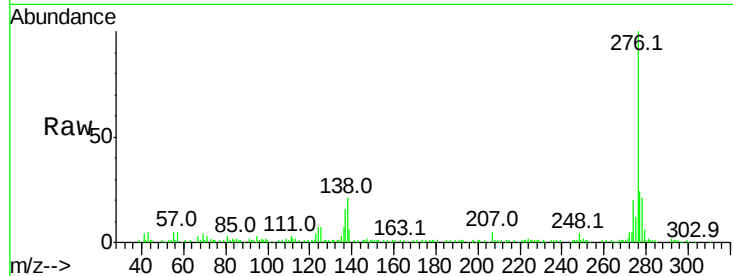
#90
Dibenzo(a,h)anthracene
Concen: 3.330 ng/mL
RT: 16.50 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-3(0-5)

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.0	16.6	24.8#
279	30.4	19.3	28.9#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 10.306 ng/mL
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF098657.D
Acq: 20 Sep 2017 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	26.3	25.4	38.0

