Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098917.D
Acq On : 28 Sep 2017 20:07
Operator : SJ/JU
Sample : I5447-03 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

Manual Integrations APPROVED
Sohil
9/29/2017 6:04:28 PM

Quant Time: Sep 29 01:53:20 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	6.92	152	131590	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	495744	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	193490	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	292571	20.00	ng		0.00
75) Chrysene-d12	14.08	240	261216	20.00	ng		0.00
86) Perylene-d12	15.57	264	262881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	449562	54.39	ng		0.00
7) Phenol-d6	6.53	99	540256	52.98	ng		-0.01
23) Nitrobenzene-d5	7.47	82	325145	42.06	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	69083	43.63	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	540900	46.67	ng		-0.01
78) Terphenyl-d14	13.02	244	390309	33.98	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.66	163	97782	6.696	ng		99
74) Fluoranthene	12.65	202	75917	4.787	ng		98
77) Pyrene	12.88	202	76631	3.847	ng		98
80) Benzo(a)anthracene	14.07	228	47951	3.032	ng		95
82) Chrysene	14.10	228	41983	2.788	ng		95
85) Indeno(1,2,3-cd)pyrene	17.07	276	24997	2.075	ng		94
87) Benzo(b)fluoranthene	15.13	252	65196m	4.034	ng		
89) Benzo(a)pyrene	15.50	252	44146	2.976	ng	#	93
91) Benzo(g,h,i)perylene	17.53	276	23863	2.033	ng	#	84

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098917.D
Acq On : 28 Sep 2017 20:07
Operator : SJ/JU
Sample : I5447-03 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 29 01:53:20 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

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

Manual Integrations APPROVED
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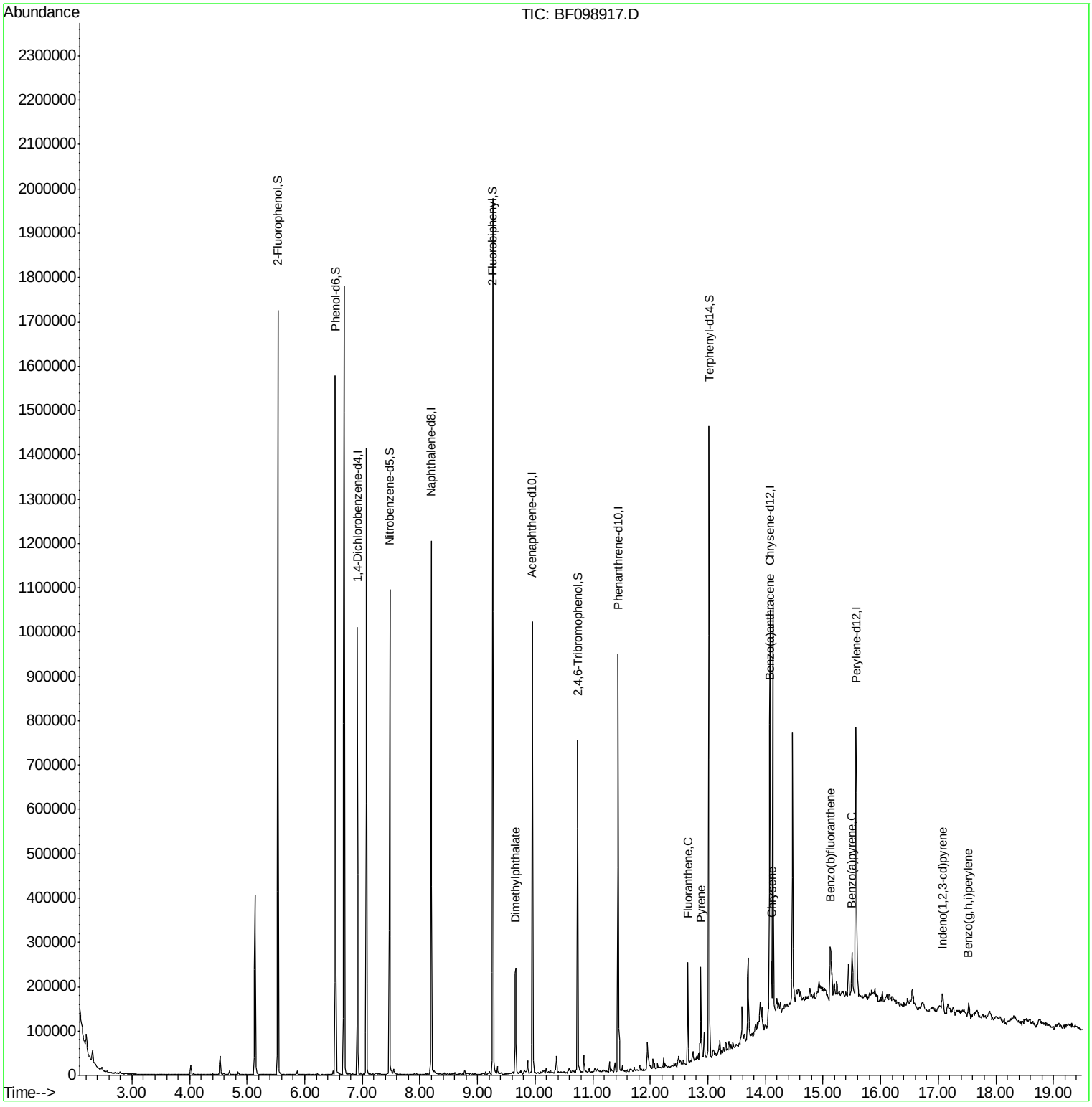
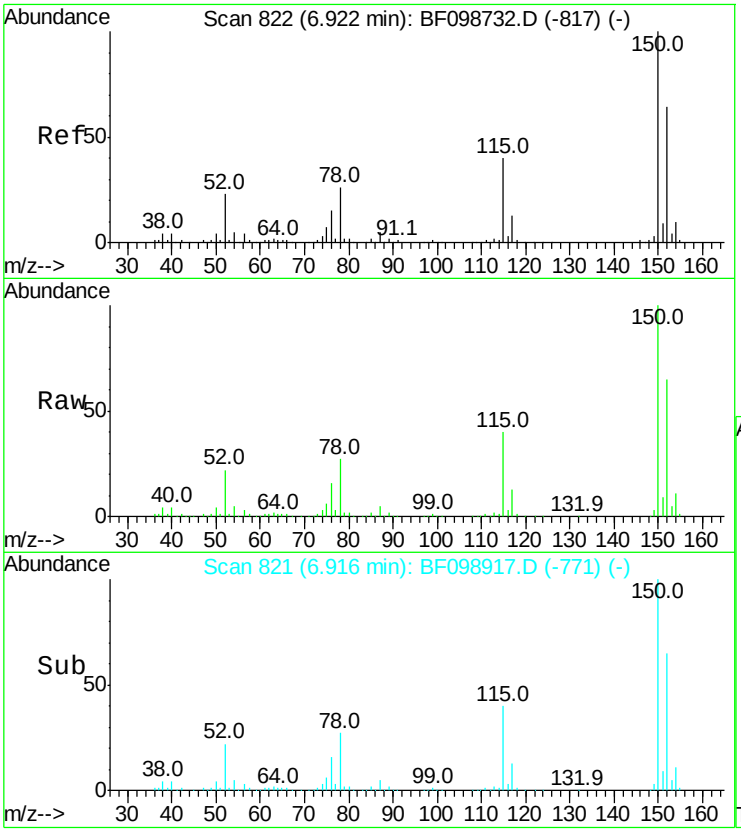
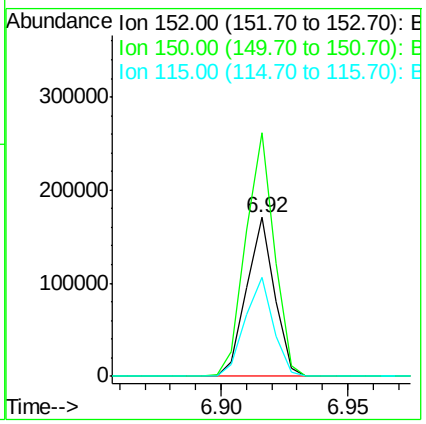




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:152 Resp: 131590

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	62.0	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

Manual Integrations APPROVED
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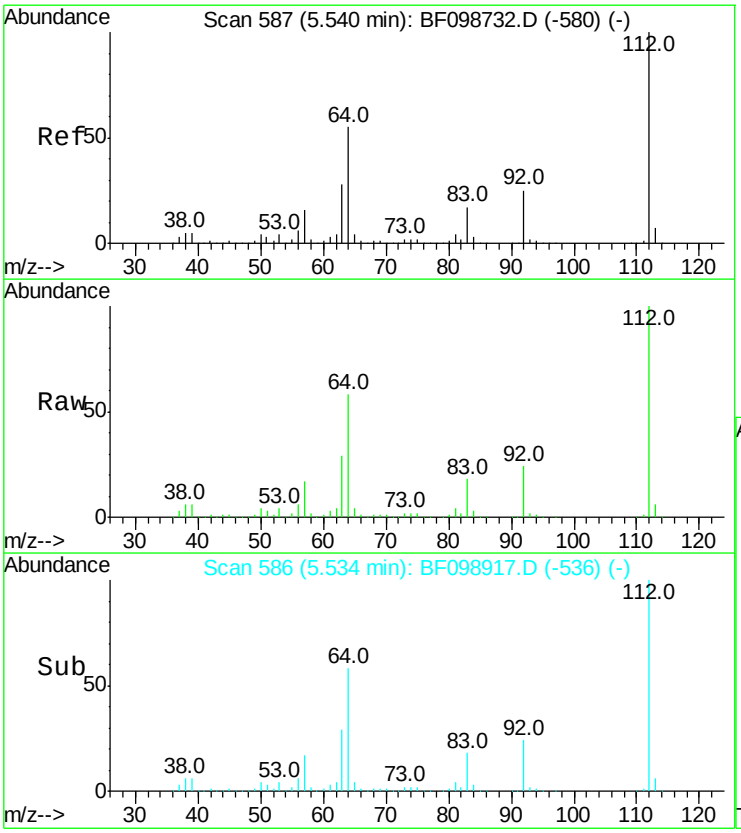
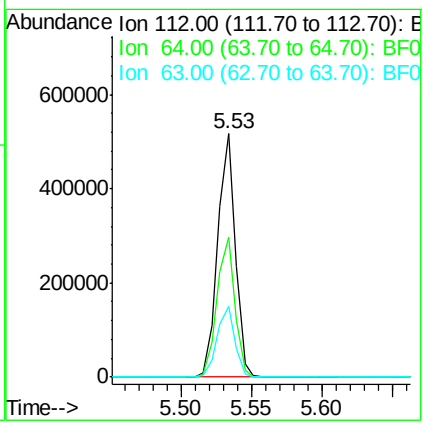
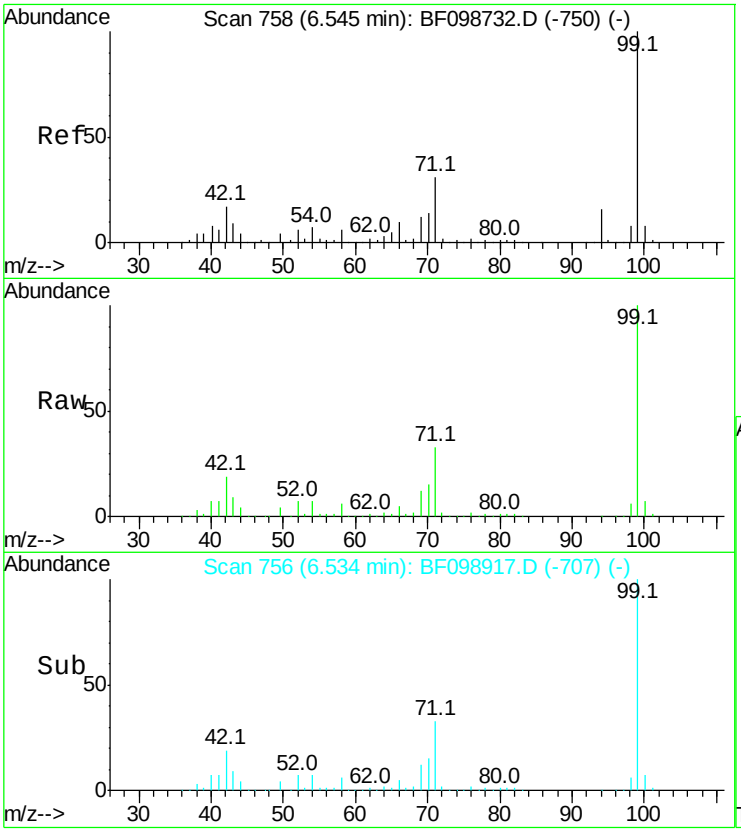


#5
2-Fluorophenol
Concen: 54.385 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:112 Resp: 449562

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	28.9	23.7	35.5

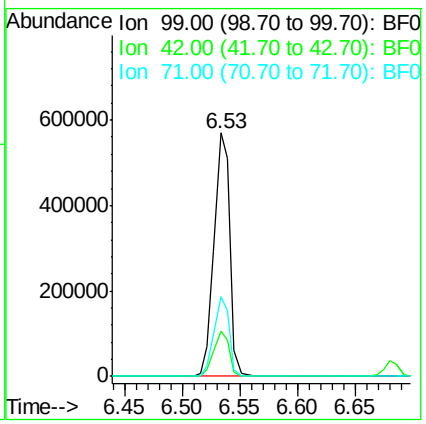




#7
Phenol-d6
Concen: 52.980 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion: 99 Resp: 540256

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	32.8	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

Manual Integrations APPROVED
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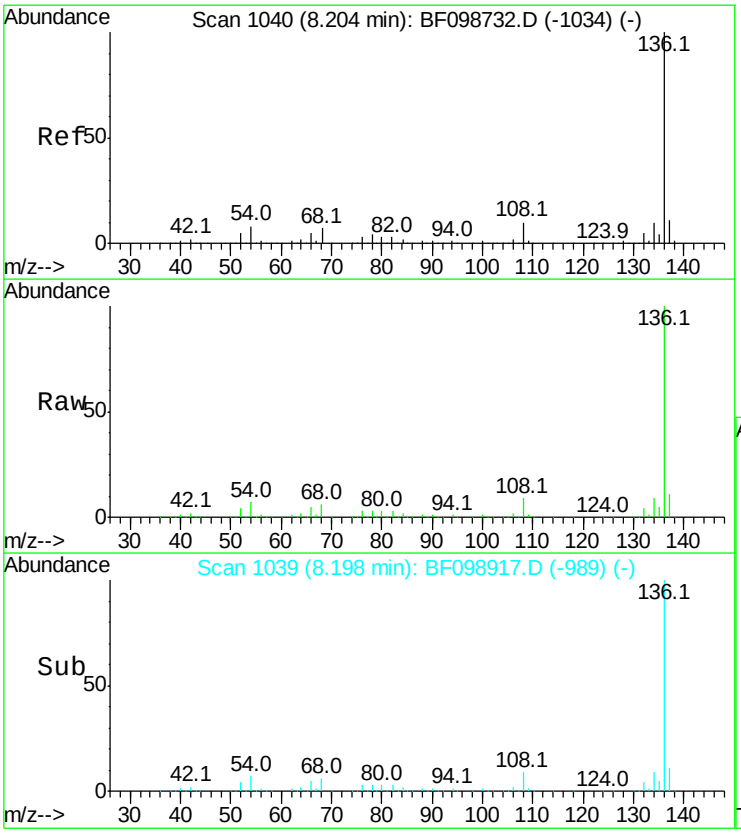
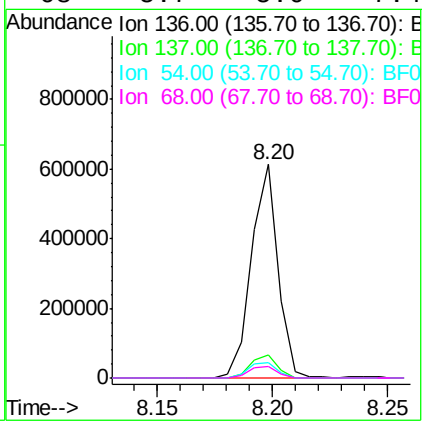
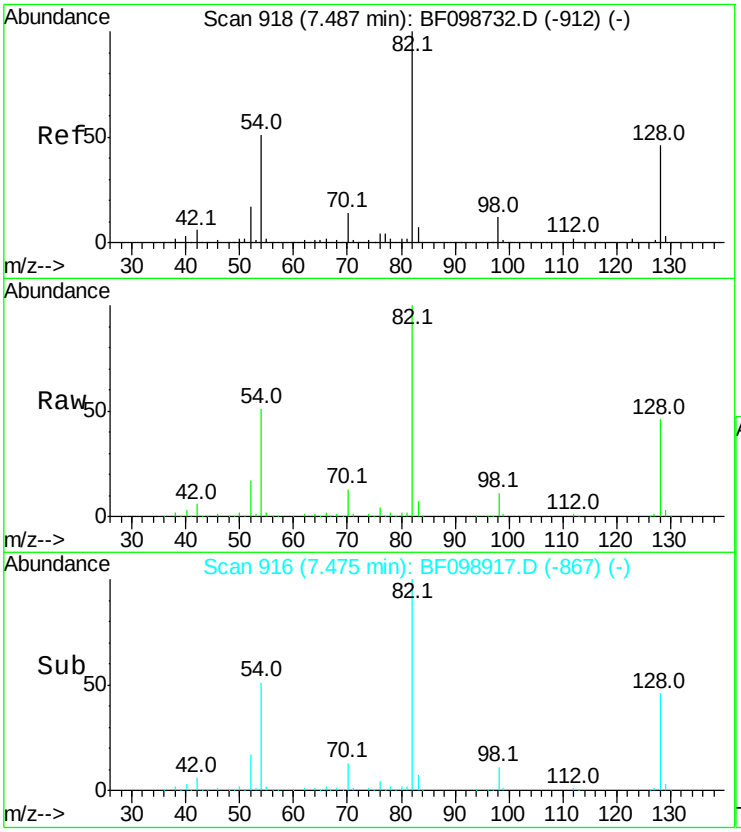


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:136 Resp: 495744

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.7	5.0	7.4

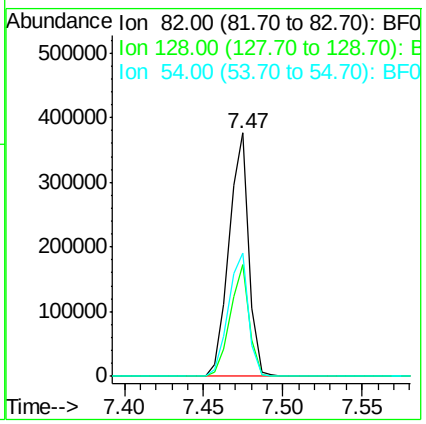




#23
Nitrobenzene-d5
Concen: 42.061 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion: 82 Resp: 325145

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	50.5	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

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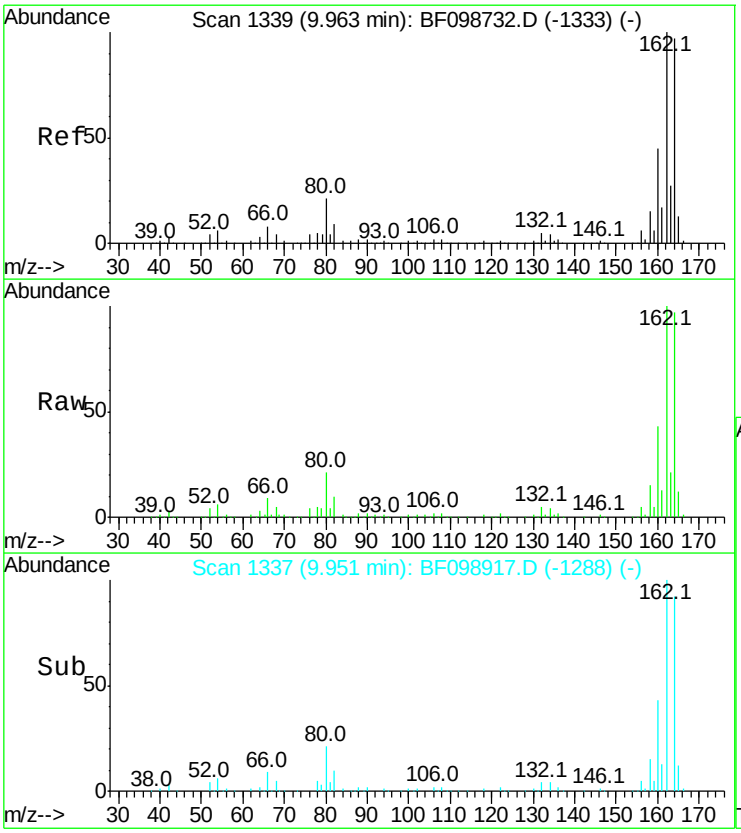
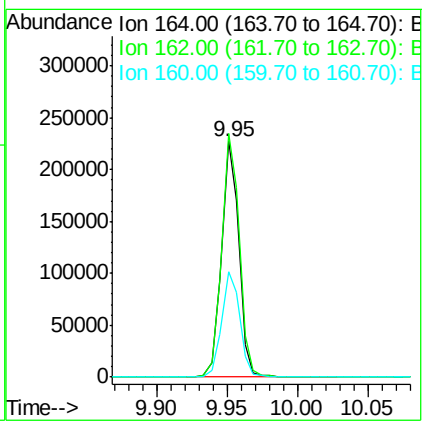
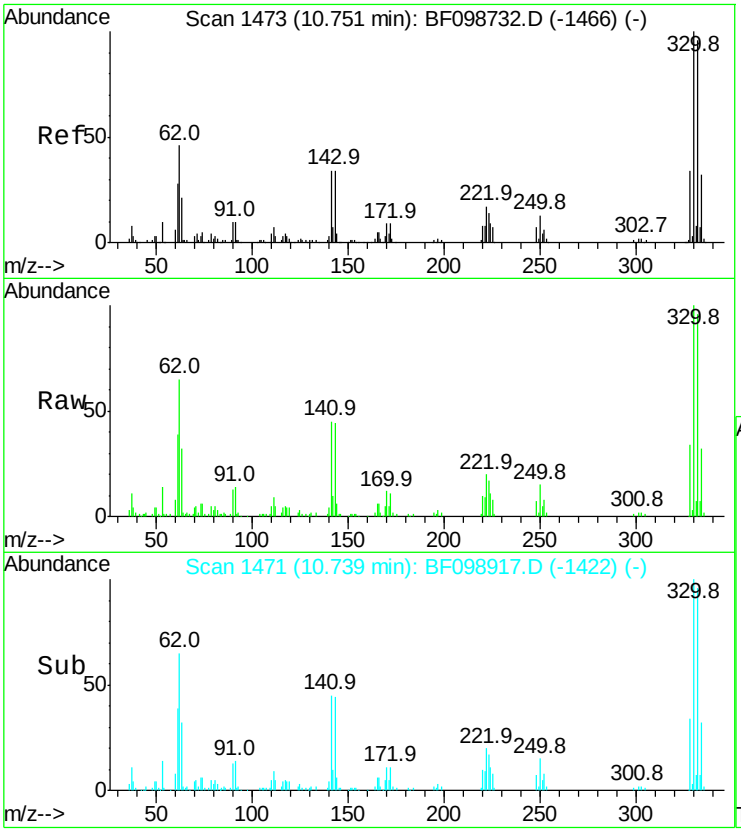


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:164 Resp: 193490

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	44.7	38.3	57.5

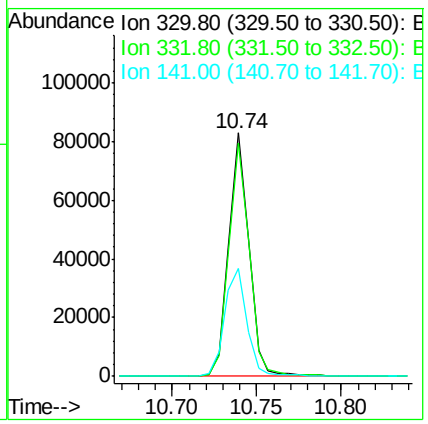




#41
2,4,6-Tribromophenol
Concen: 43.633 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:330 Resp: 69083

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	49.3	29.9	44.9#



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

Manual Integrations APPROVED
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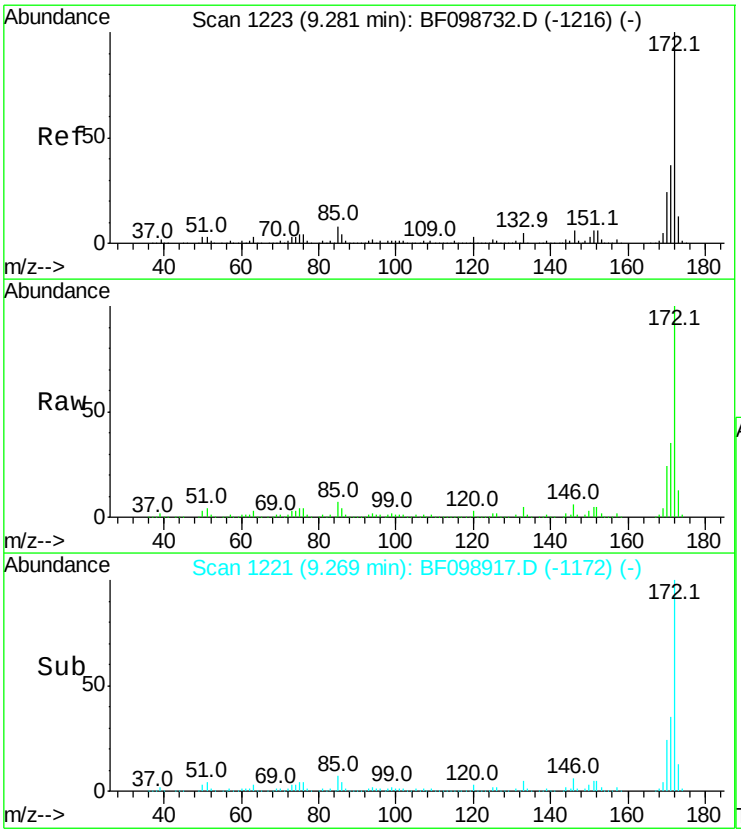
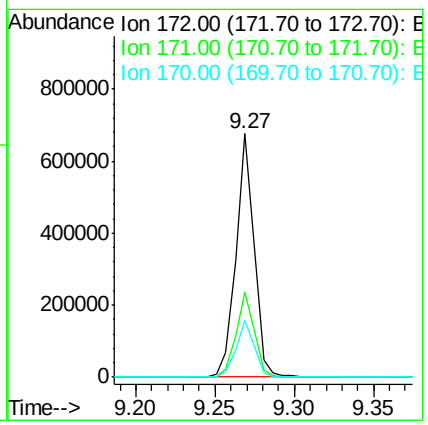
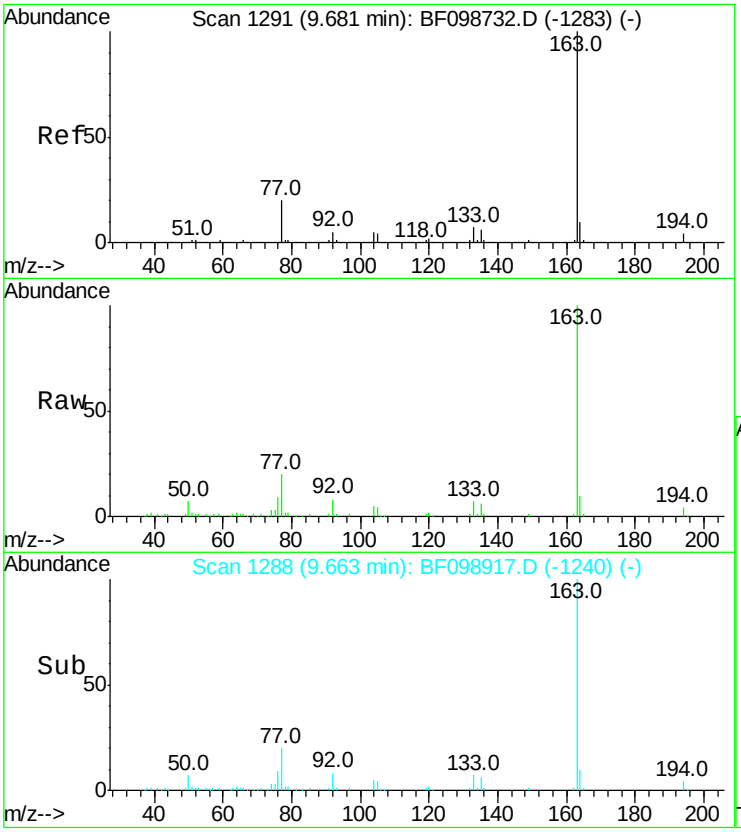


#44
2-Fluorobiphenyl
Concen: 46.668 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:172 Resp: 540900

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.5	19.6	29.4

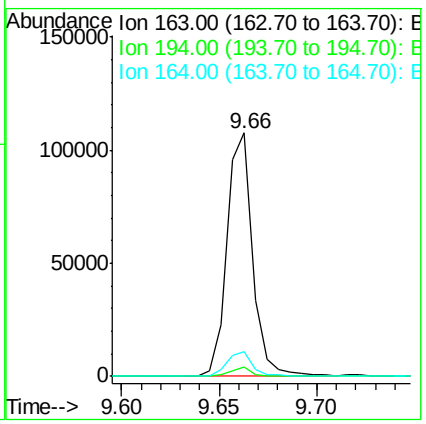




#49
Dimethylphthalate
Concen: 6.696 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:163 Resp: 97782

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

Manual Integrations APPROVED
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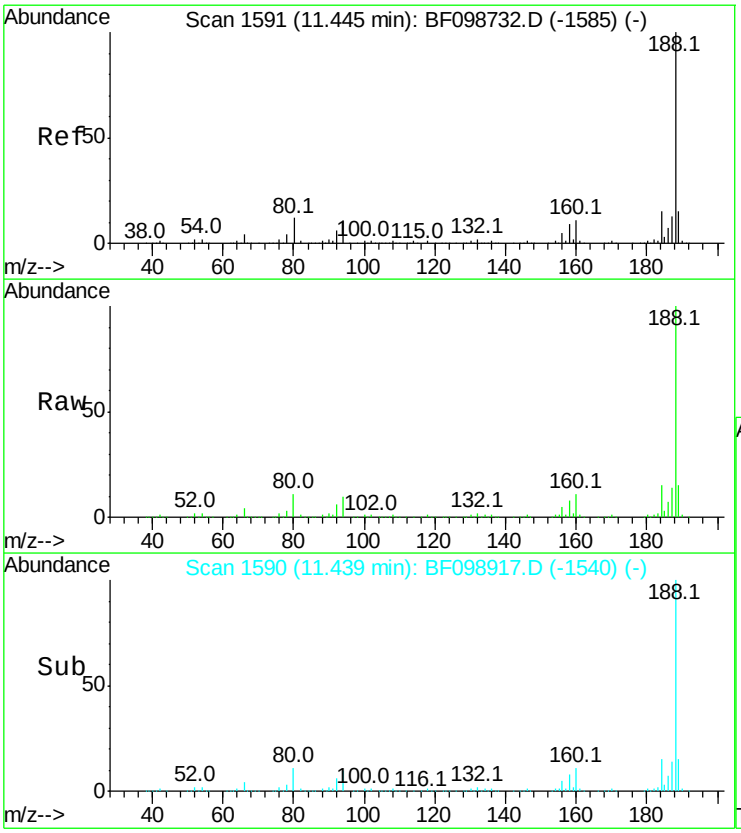
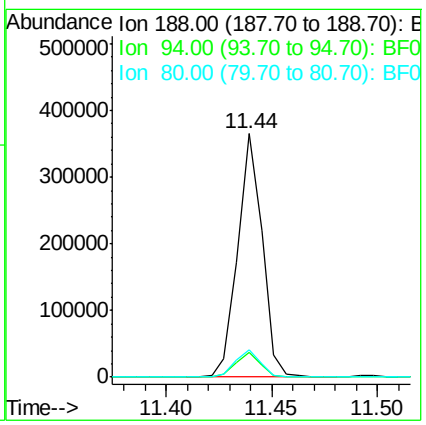
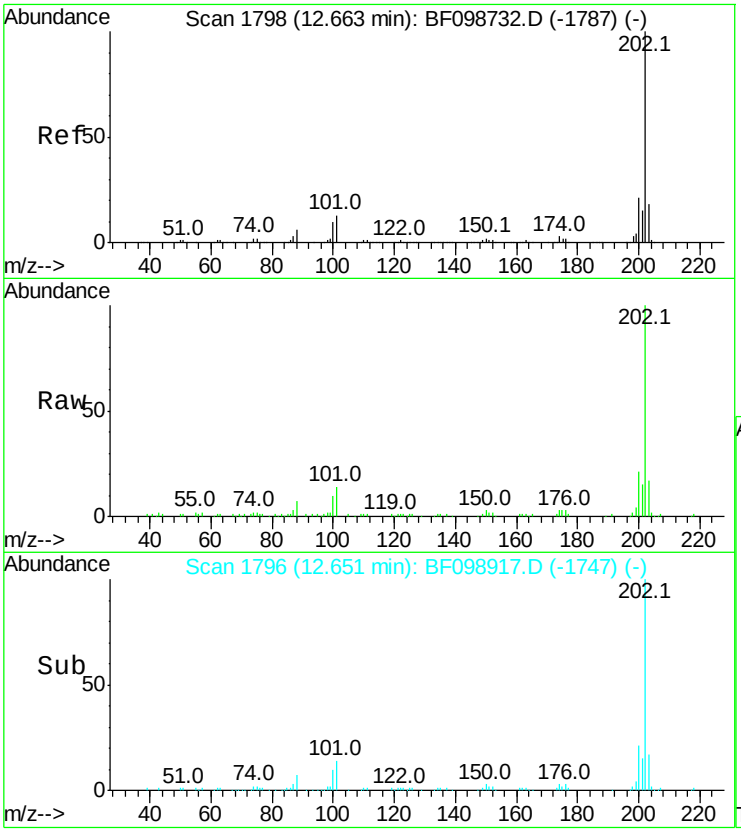


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:188 Resp: 292571

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.5	9.2	13.8

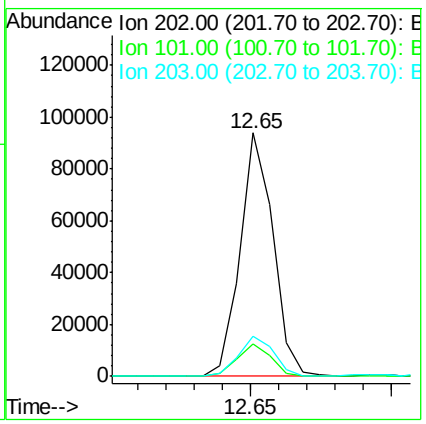




#74
Fluoranthene
Concen: 4.787 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:202 Resp: 75917

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	16.7	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

Manual Integrations APPROVED
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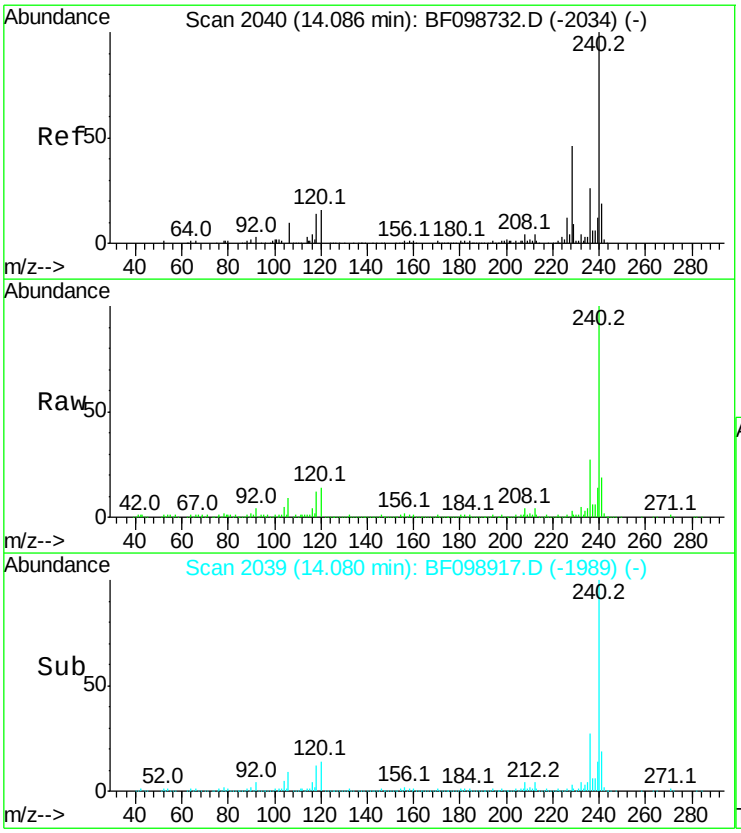
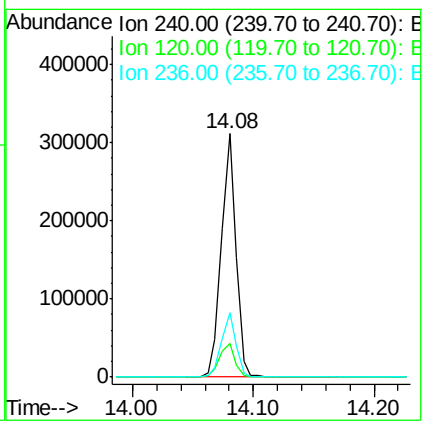
9/29/2017 6:04:28 PM

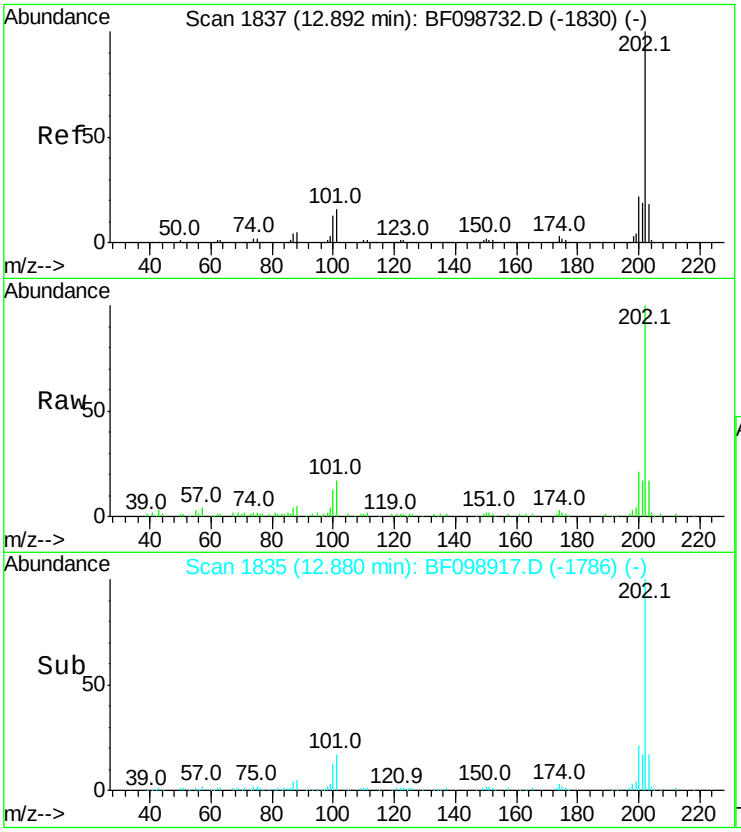


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:240 Resp: 261216

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.5	20.7	31.1

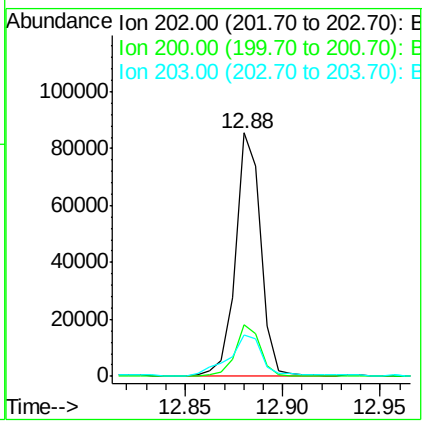




#77
Pyrene
Concen: 3.847 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:202 Resp: 76631

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.2	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

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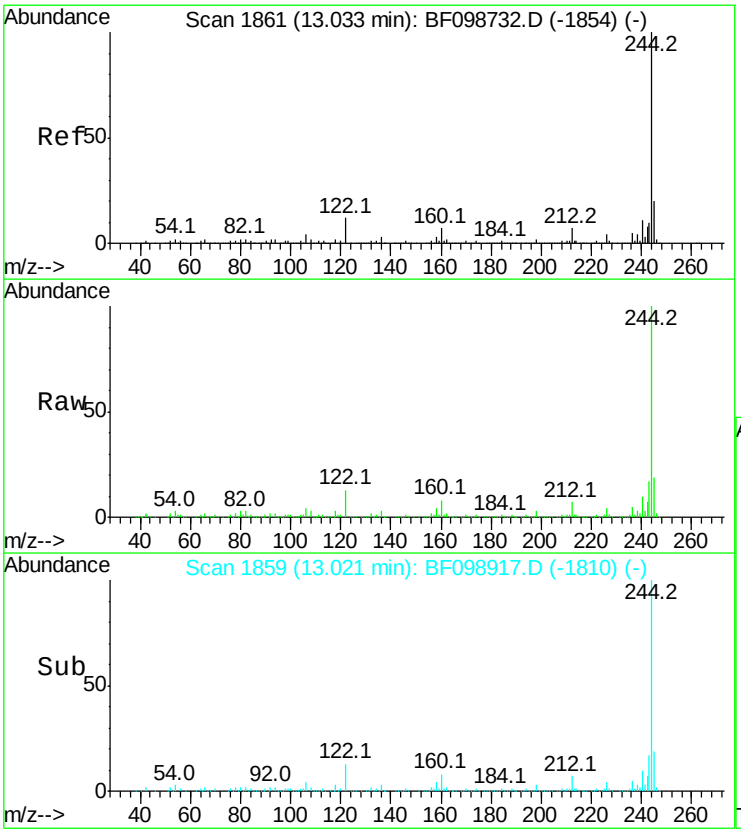
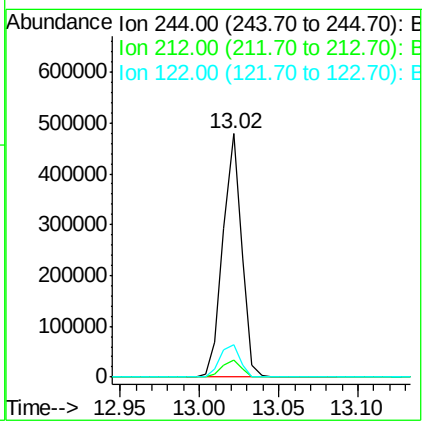
9/29/2017 6:04:28 PM

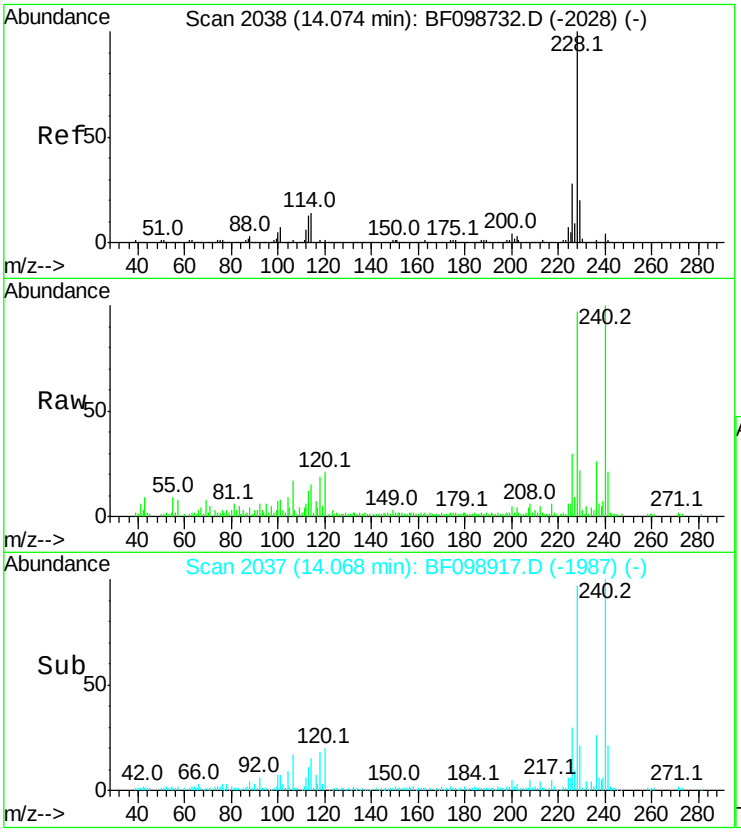


#78
Terphenyl-d14
Concen: 33.981 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:244 Resp: 390309

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.5	11.0	16.4

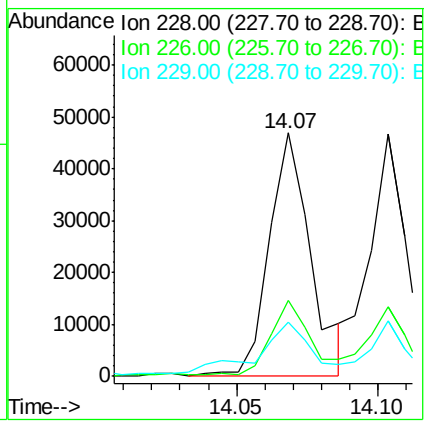




#80
Benzo(a)anthracene
Concen: 3.032 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

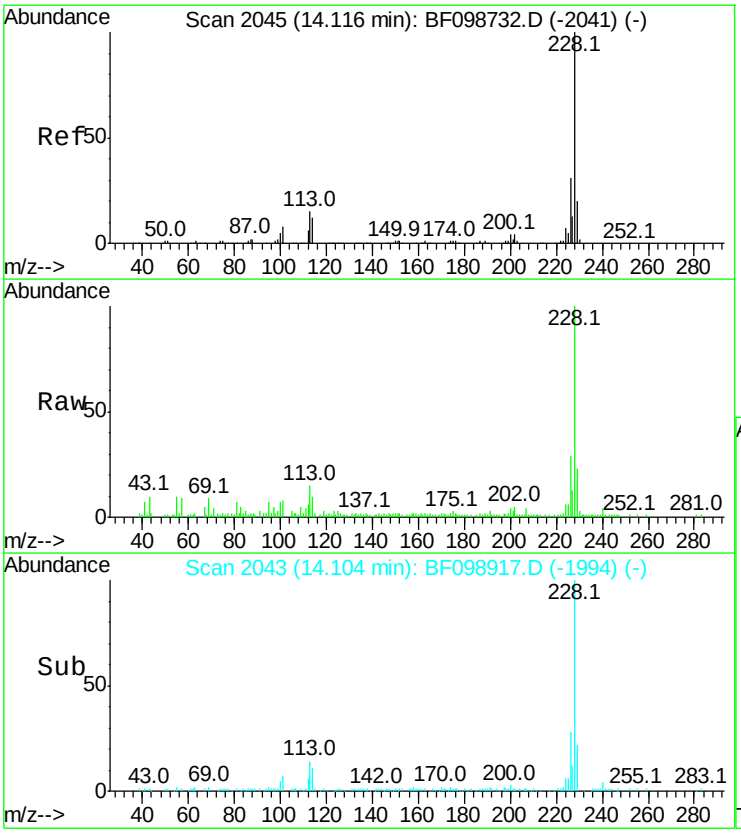
Tgt Ion:228 Resp: 47951

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	22.2	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

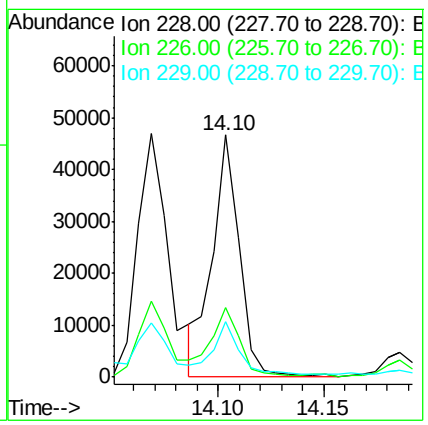
Manual Integrations APPROVED
Sohil
9/29/2017 6:04:28 PM

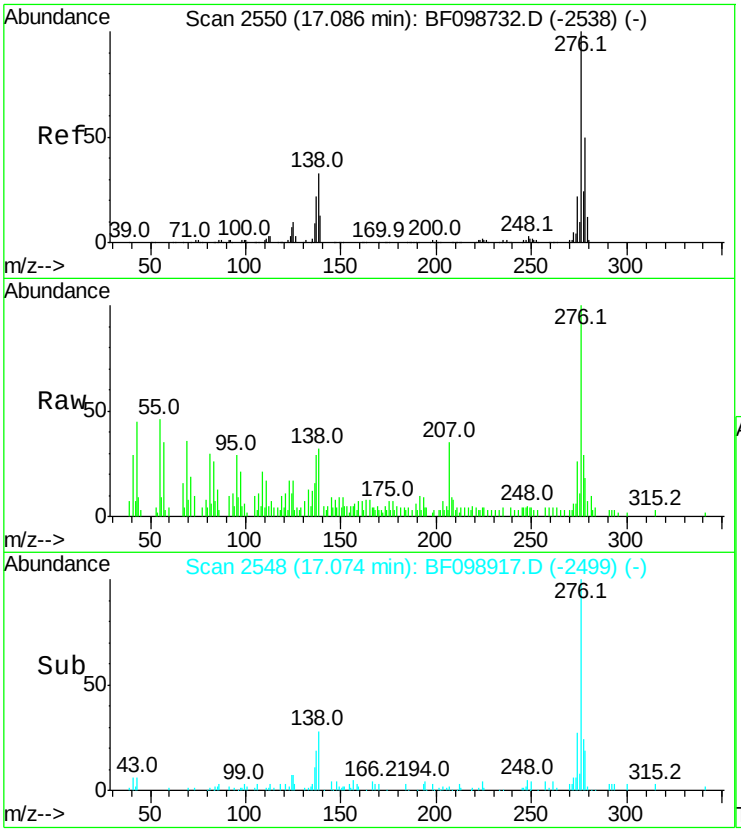


#82
Chrysene
Concen: 2.788 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:228 Resp: 41983

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	22.9	16.2	24.4

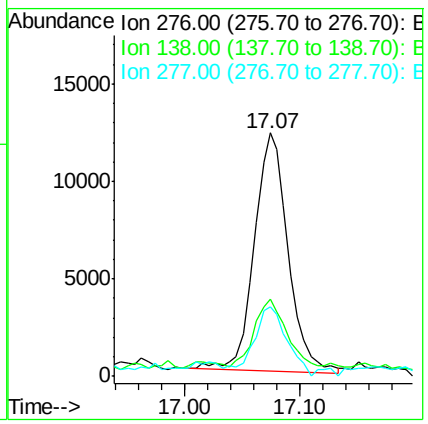




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.075 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:276 Resp: 24997

Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	27.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

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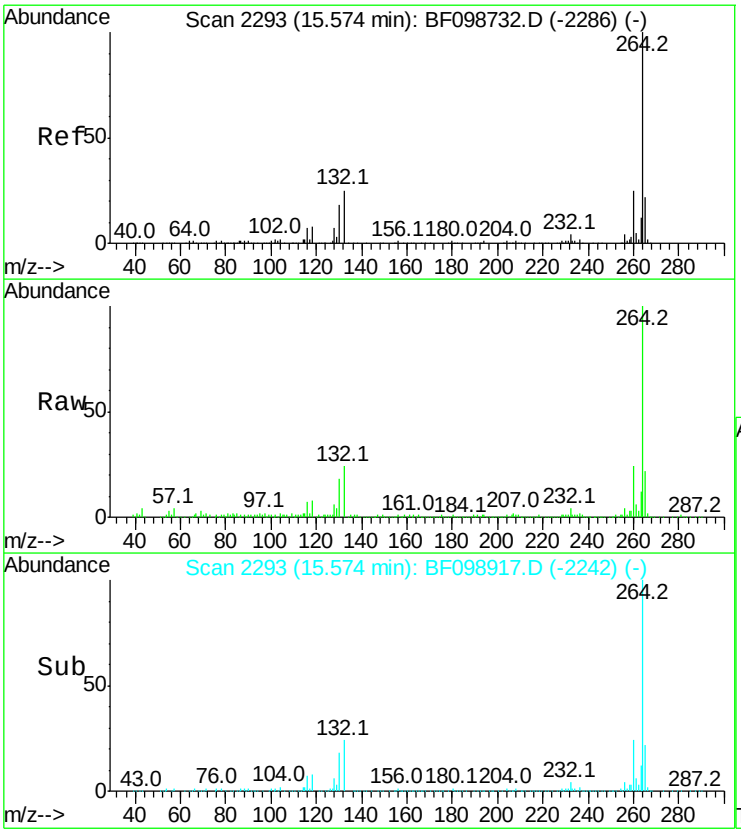
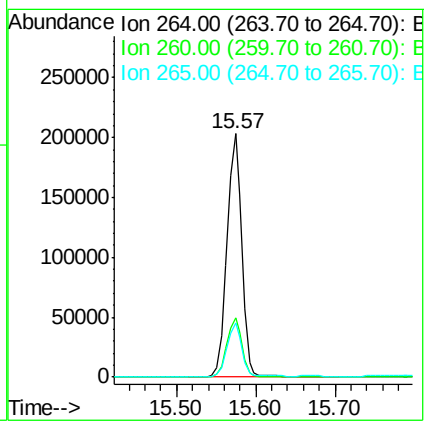
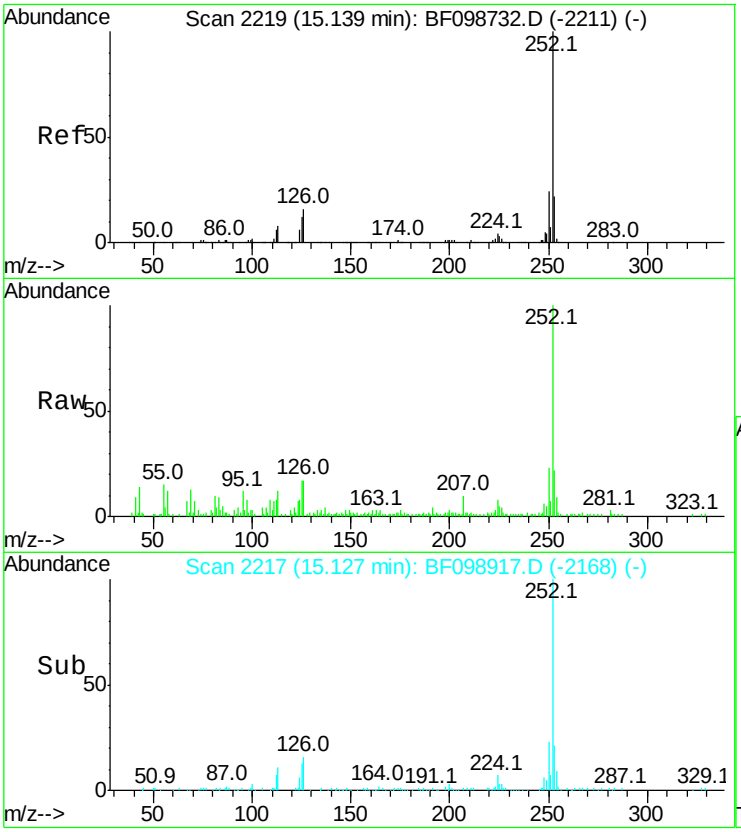


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:264 Resp: 262881

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 4.034 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:252 Resp: 65196

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	16.8	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

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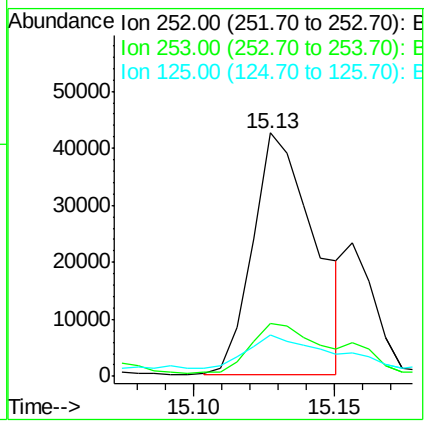
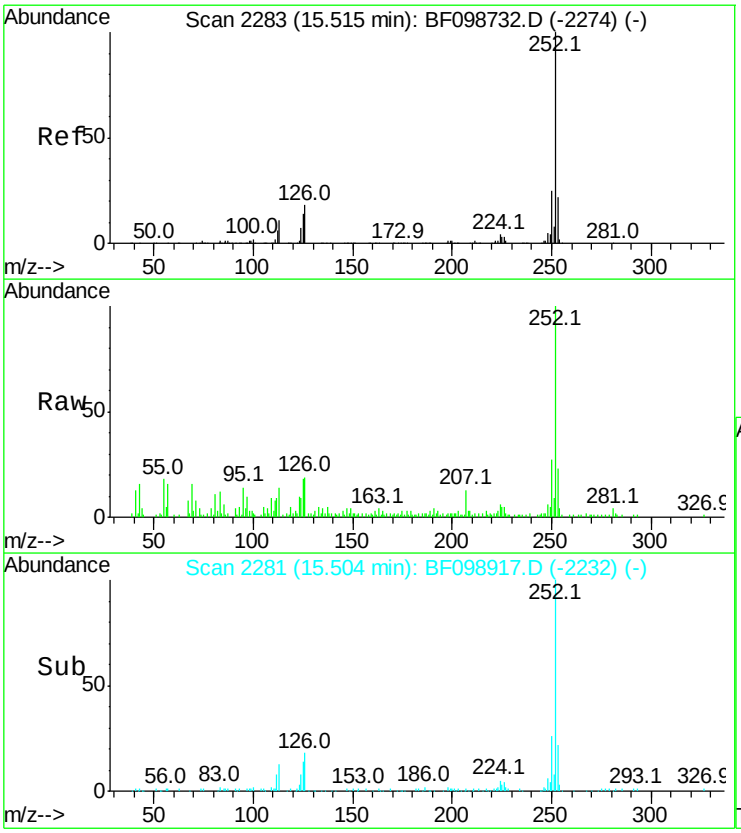
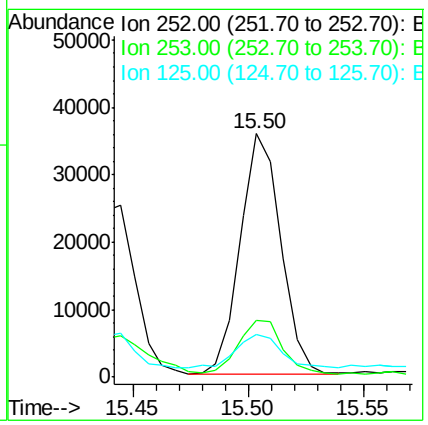


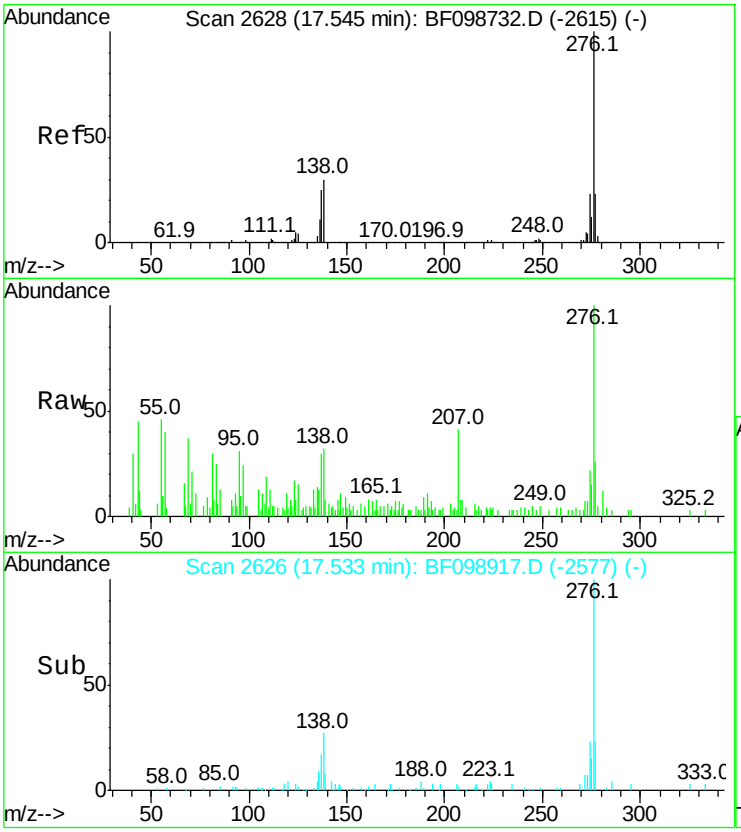


#89
Benzo(a)pyrene
Concen: 2.976 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:252 Resp: 44146

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	17.5	9.8	14.6#

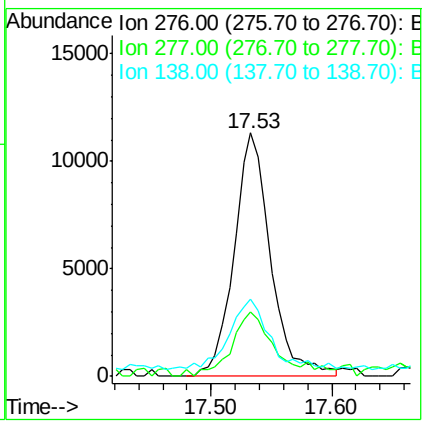




#91
Benzo(g,h,i)perylene
Concen: 2.033 ng
RT: 17.53 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BF098917.D
Acq: 28 Sep 2017 20:07

Tgt Ion:276 Resp: 23863

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	39.0	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-115-5(0-5)

Manual Integrations APPROVED
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