Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098716.D
Acq On : 23 Sep 2017 00:35
Operator : SJ/JU
Sample : I5304-05 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-118-6(5-10)

Quant Time: Sep 23 01:33:18 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	139102	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	563243	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	227175	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	335355	20.00	ng		0.00
75) Chrysene-d12	14.10	240	283597	20.00	ng		0.01
86) Perylene-d12	15.59	264	284620	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	52134	5.69	ng		0.00
7) Phenol-d6	6.53	99	66028	5.95	ng		-0.01
23) Nitrobenzene-d5	7.48	82	33927	4.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	8854	4.26	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	66884	4.68	ng		0.00
78) Terphenyl-d14	13.03	244	52322	3.96	ng		0.00
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.96	165	32118	9.55	ng	#	26
51) Acenaphthene	10.00	154	141350	10.12	ng		99
53) 2,4-Dinitrophenol	10.25	184	308	6.28	ng	#	46
57) Fluorene	10.51	166	69343	4.52	ng		98
64) 4,6-Dinitro-2-methylphenol	10.79	198	659	9.27	ng	#	61
70) Phenanthrene	11.49	178	1949695	107.17	ng		99
71) Anthracene	11.53	178	684357	36.89	ng		99
72) Carbazole	11.68	167	239585	13.22	ng		99
74) Fluoranthene	12.69	202	3773322	208.13	ng		98
77) Pyrene	12.92	202	3280749	155.82	ng		98
80) Benzo(a)anthracene	14.09	228	1547569	90.59	ng		98
82) Chrysene	14.13	228	1250341	75.79	ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	233178	18.22	ng		95
87) Benzo(b)fluoranthene	15.16	252	1532328	92.83	ng	#	96
88) Benzo(k)fluoranthene	15.16	252	1532328	92.90	ng		98
89) Benzo(a)pyrene	15.53	252	666670	44.47	ng		96
90) Dibenzo(a,h)anthracene	17.28	278	45352	3.58	ng		96
91) Benzo(g,h,i)perylene	17.55	276	194514	15.26	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098716.D
Acq On : 23 Sep 2017 00:35
Operator : SJ/JU
Sample : I5304-05 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Quant Time: Sep 23 01:33:18 2017
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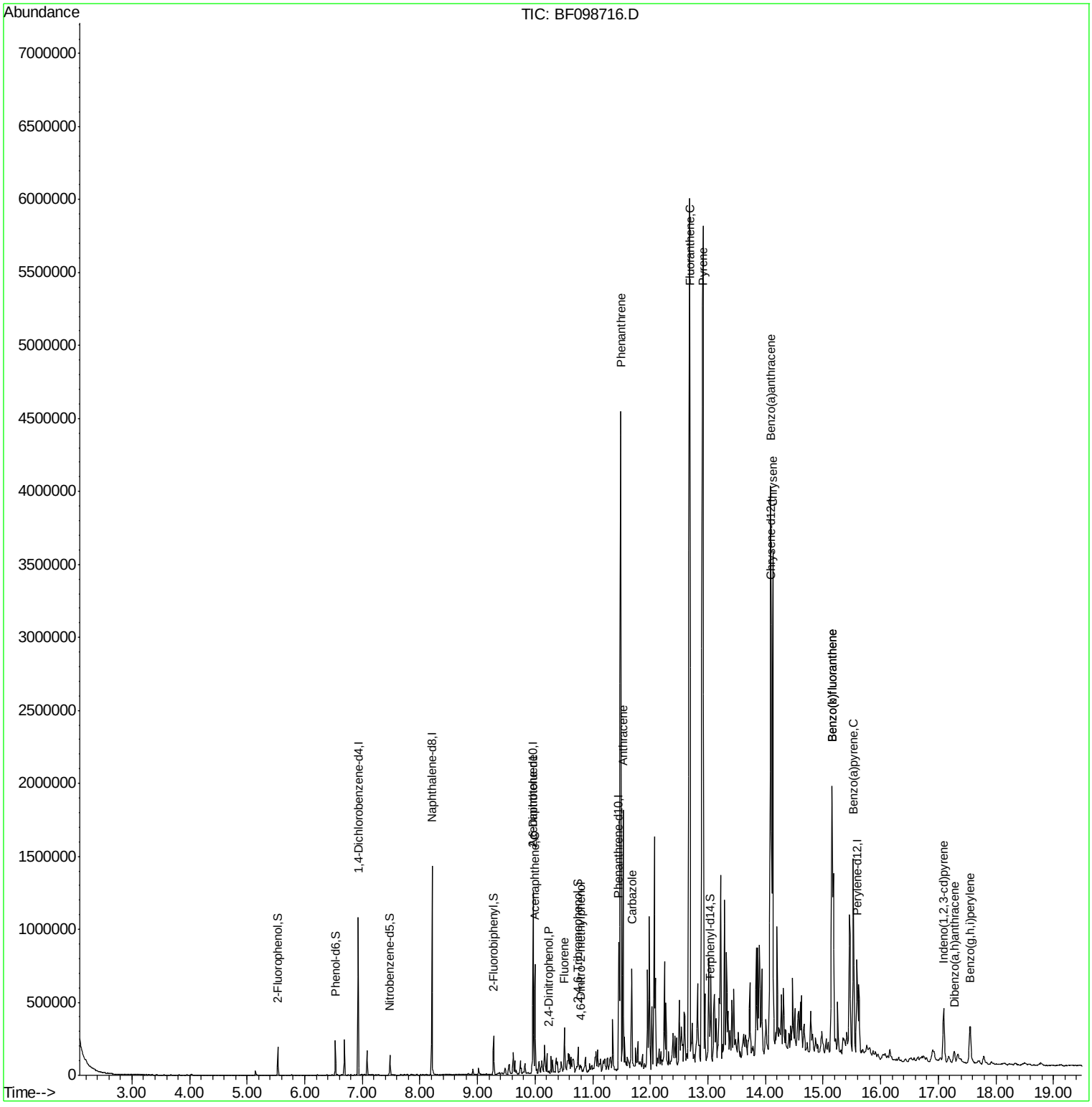
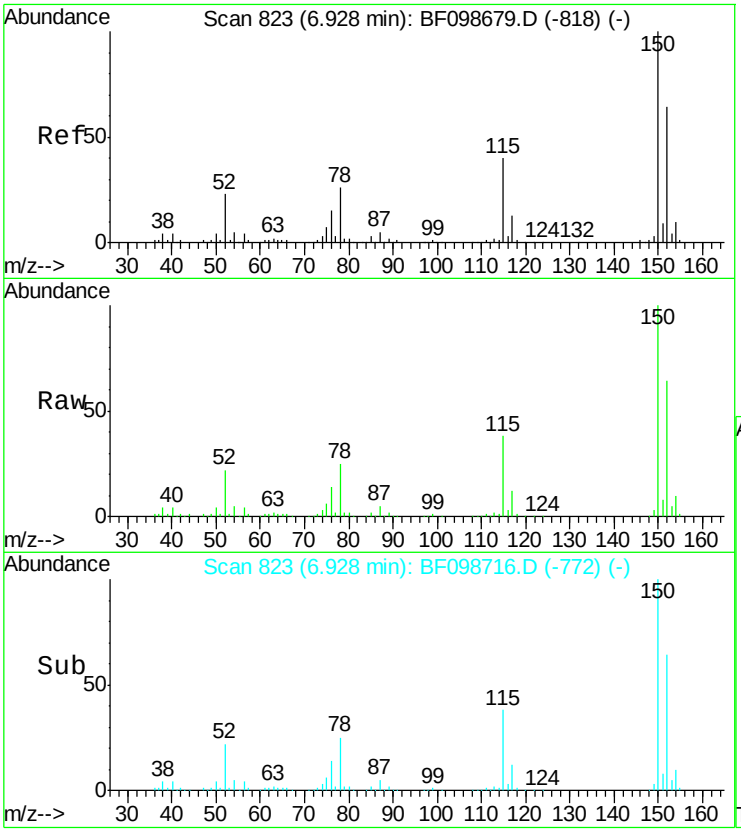


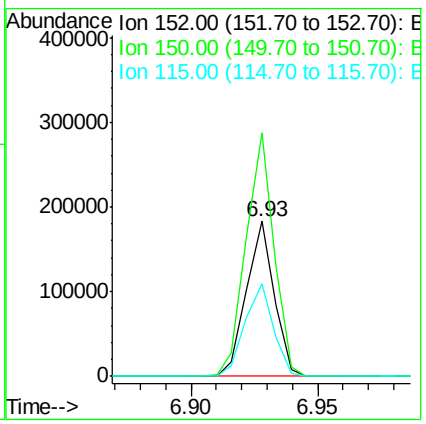


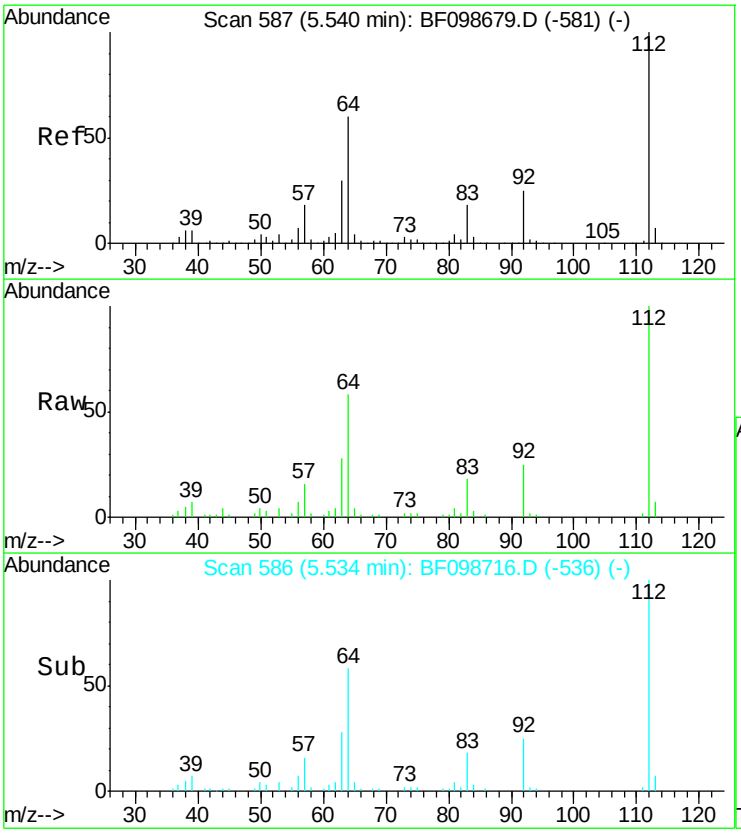
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:152 Resp: 139102

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.2	50.1	75.1

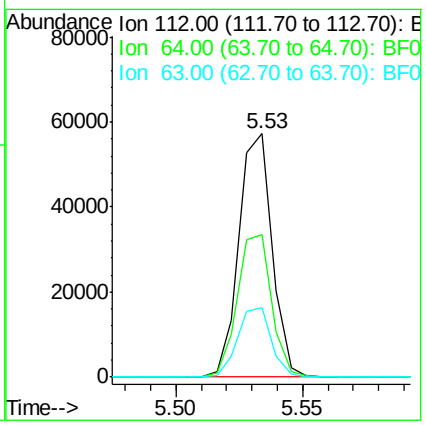


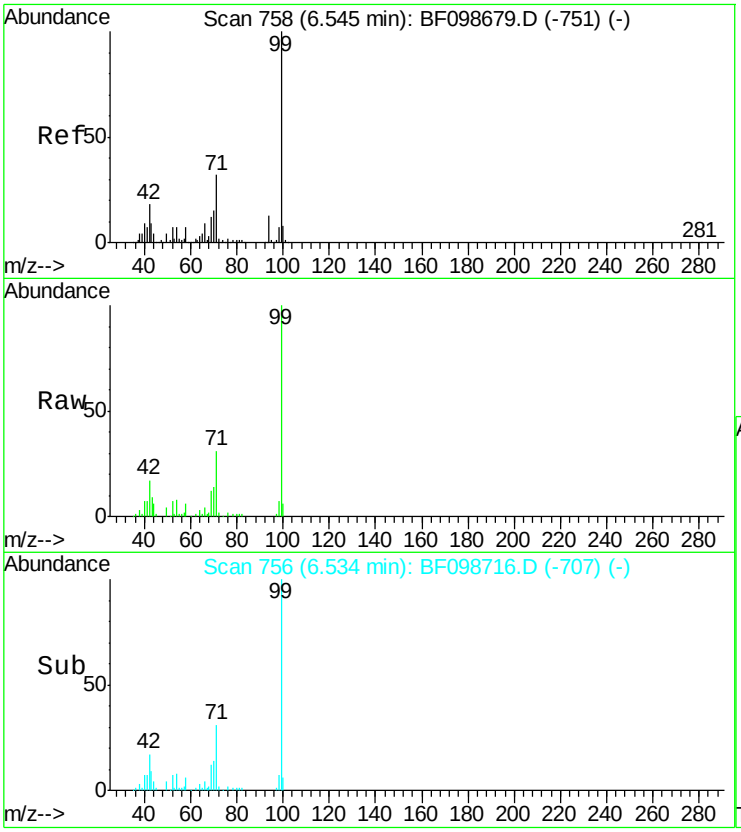


#5
2-Fluorophenol
Concen: 5.69 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:112 Resp: 52134

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	28.4	23.7	35.5



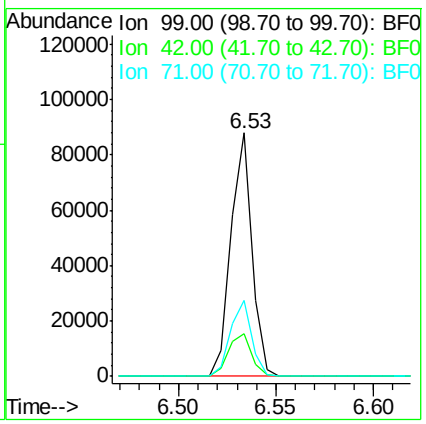


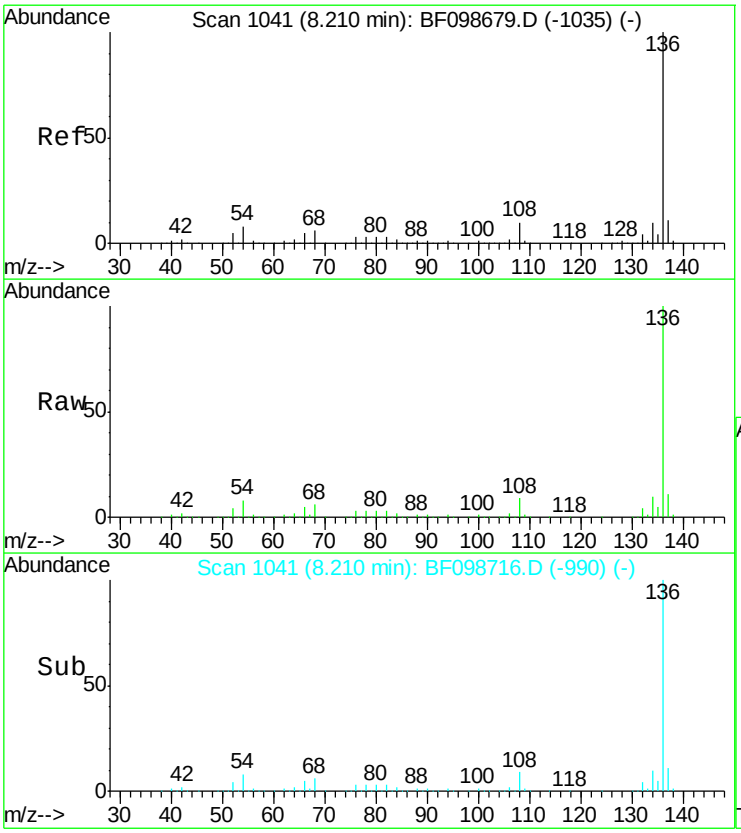
#7
Phenol-d6
Concen: 5.95 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion: 99 Resp: 66028

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	31.3	25.4	38.0

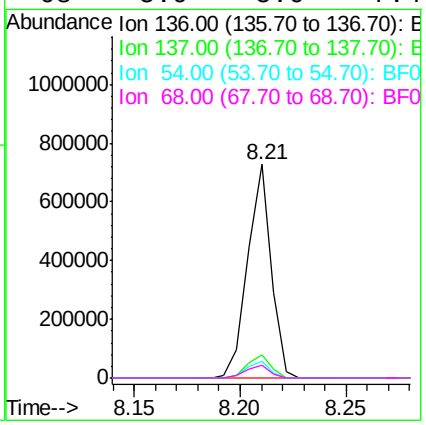


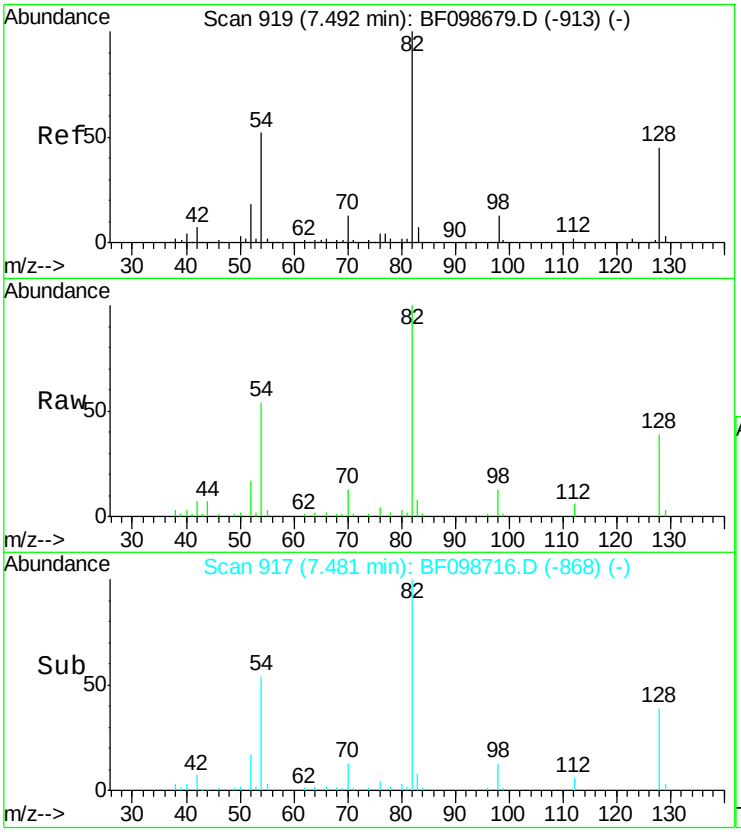


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:136 Resp: 563243

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	5.9	5.0	7.4



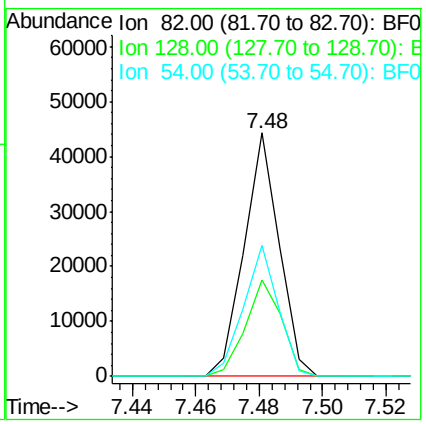


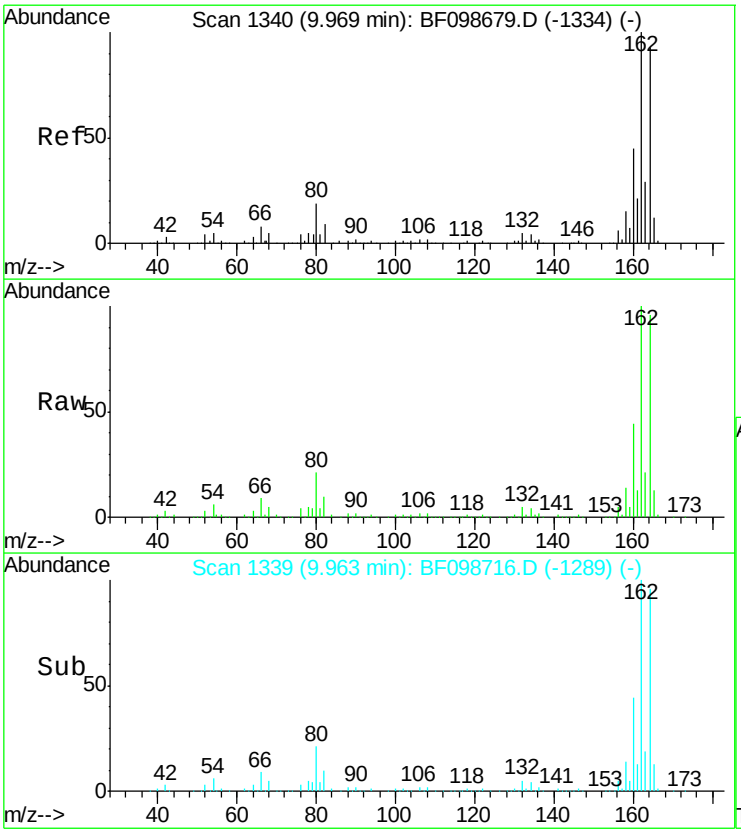
#23
Nitrobenzene-d5
Concen: 4.09 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion: 82 Resp: 33927

Ion	Ratio	Lower	Upper
82	100		
128	39.5	36.1	54.1
54	53.9	41.4	62.2

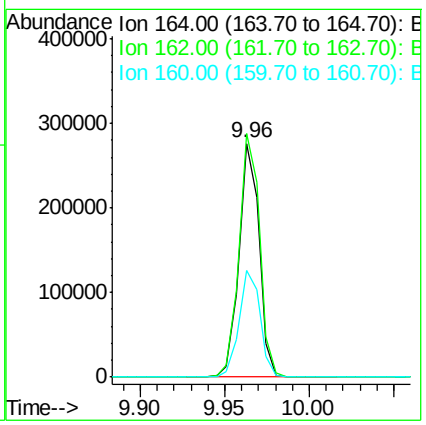


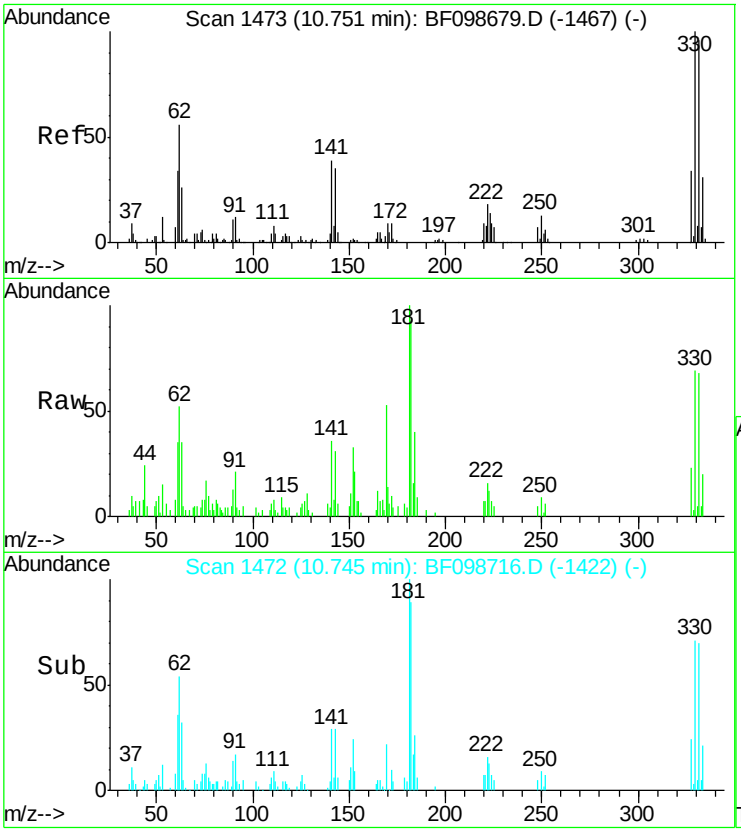


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:164 Resp: 227175

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.8	38.3	57.5



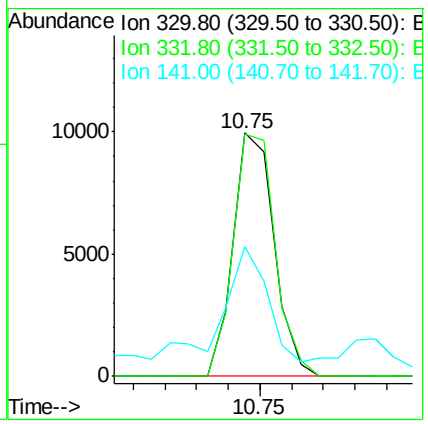


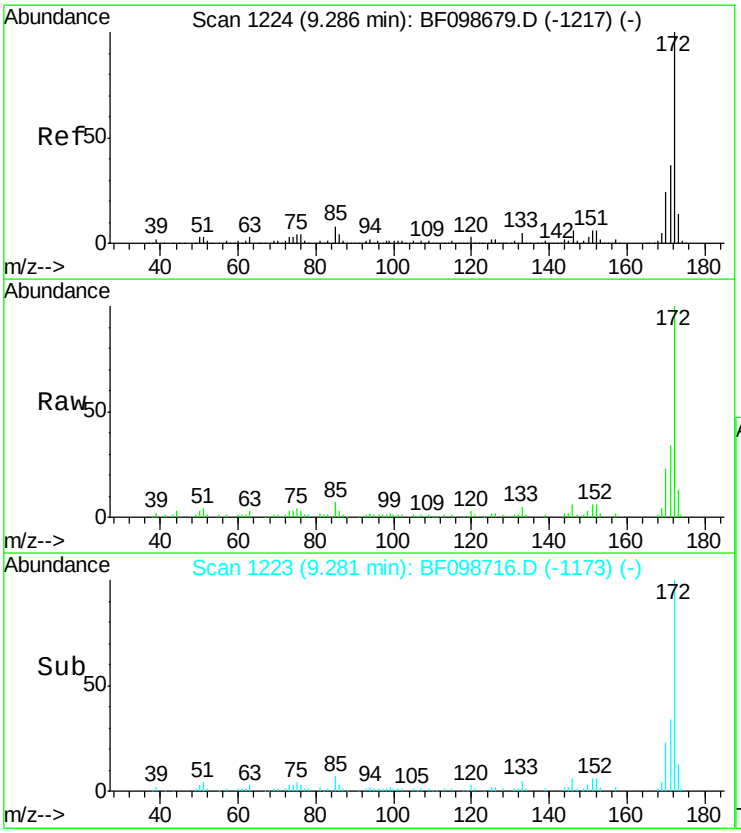
#41
2,4,6-Tribromophenol
Concen: 4.26 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:330 Resp: 8854

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	60.8	29.9	44.9#

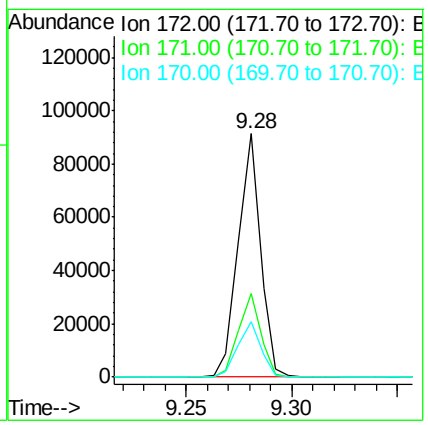


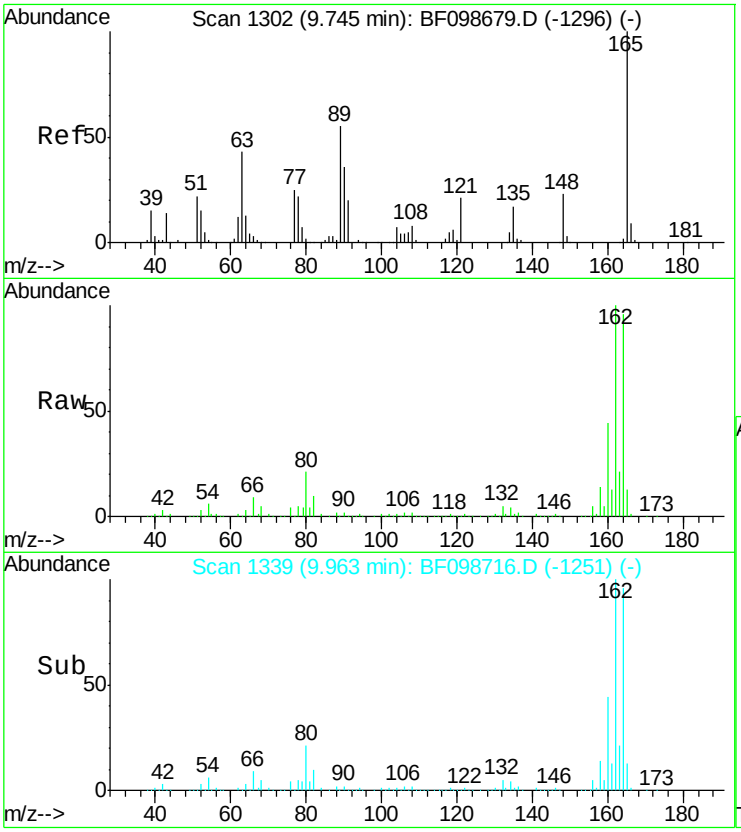


#44
2-Fluorobiphenyl
Concen: 4.68 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:172 Resp: 66884

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	23.0	19.6	29.4



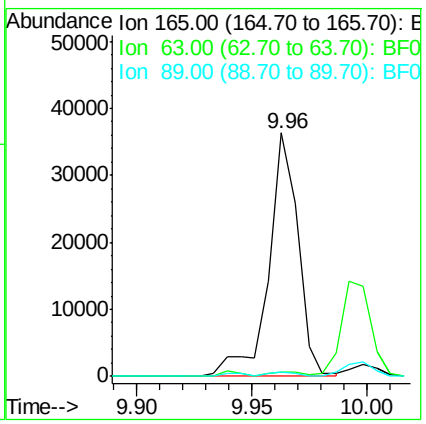


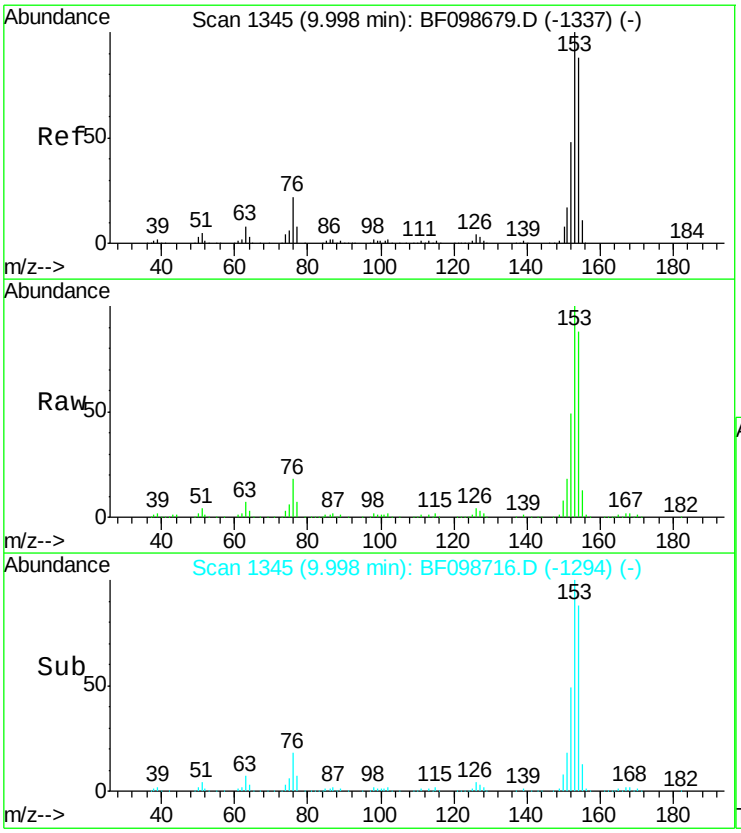
#50
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.22 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:165 Resp: 32118

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.6	44.0	66.0#

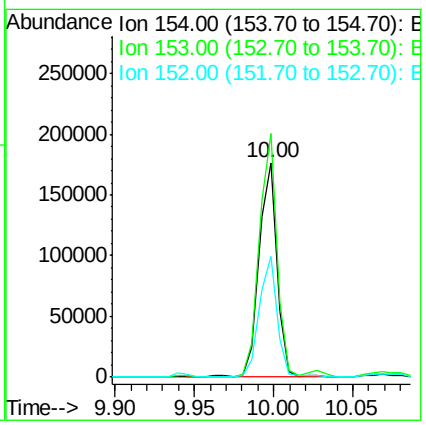


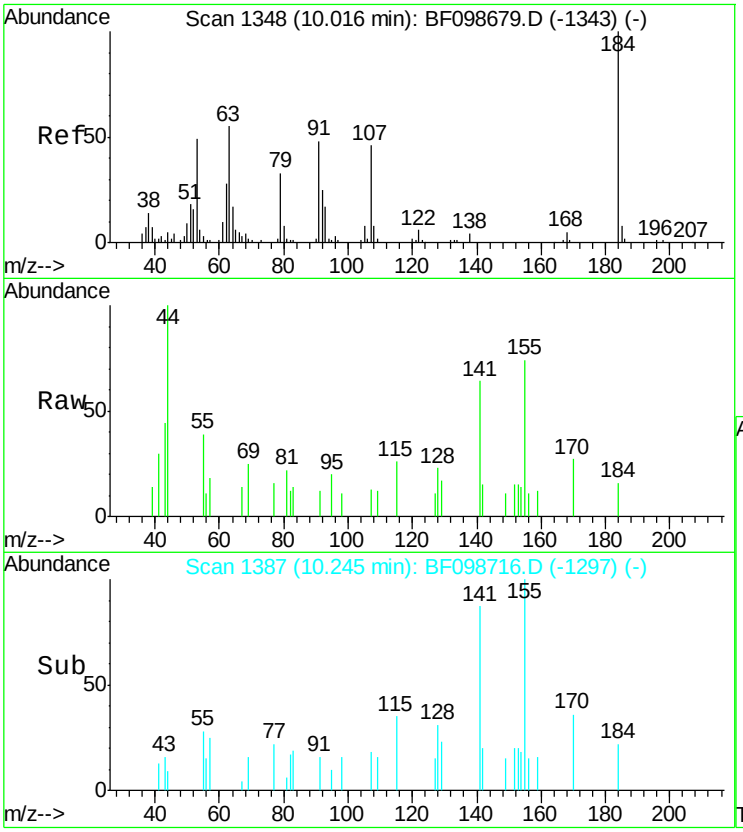


#51
Acenaphthene
Concen: 10.12 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:154 Resp: 141350

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	56.0	43.8	65.8



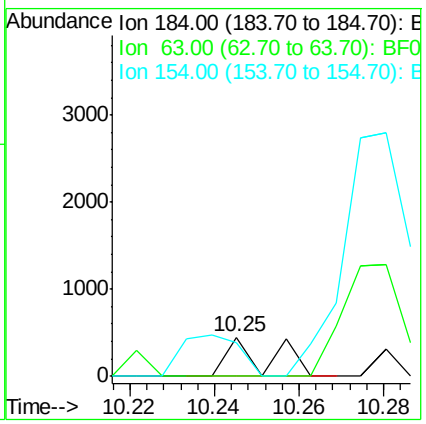


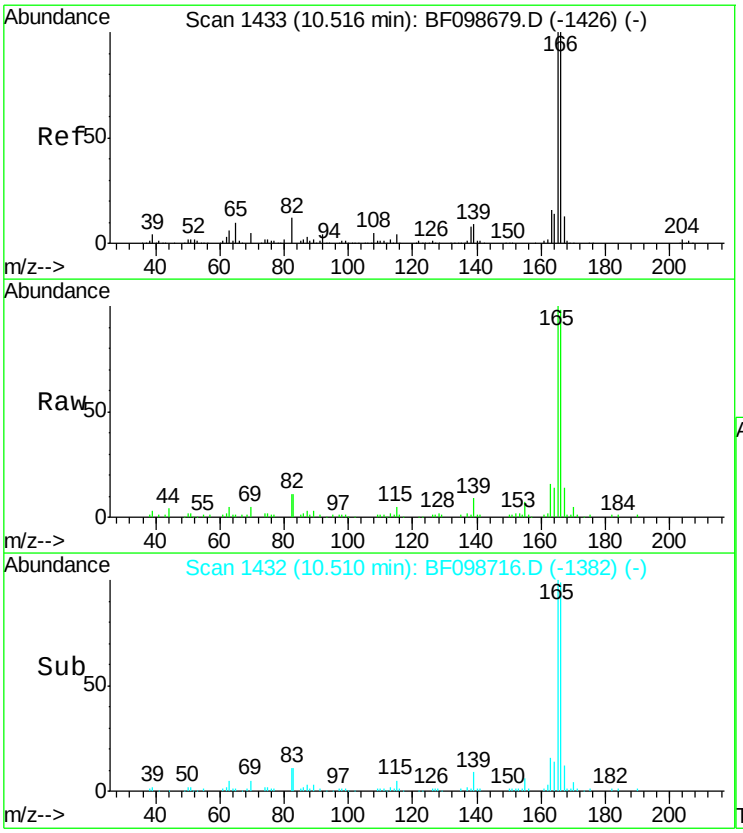
#53
2,4-Dinitrophenol
Concen: 6.28 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.23 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:184 Resp: 308

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	85.0	53.5	80.3#

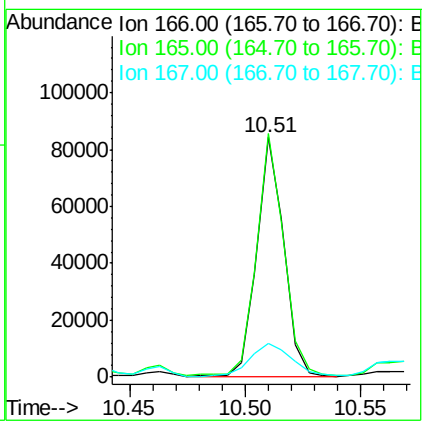


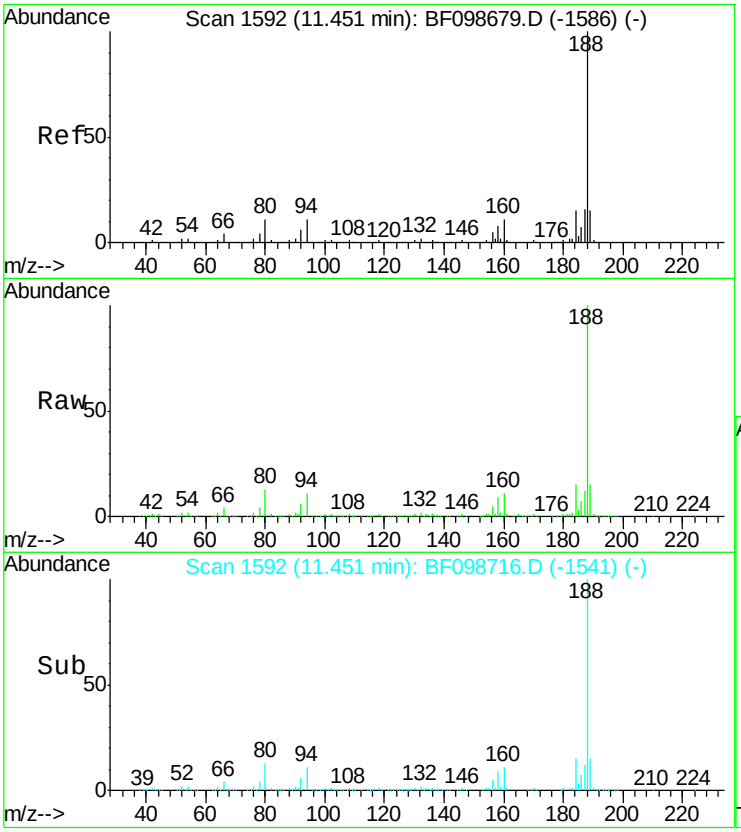


#57
Fluorene
Concen: 4.52 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:166 Resp: 69343

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.8	119.8
167	14.2	10.6	16.0



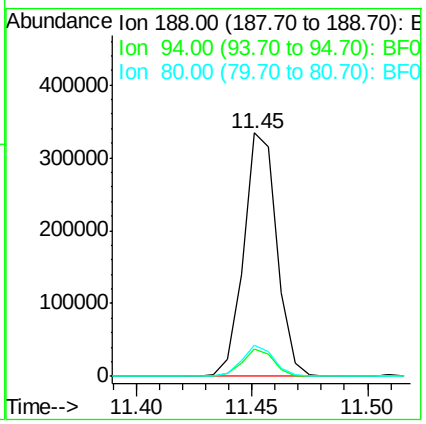


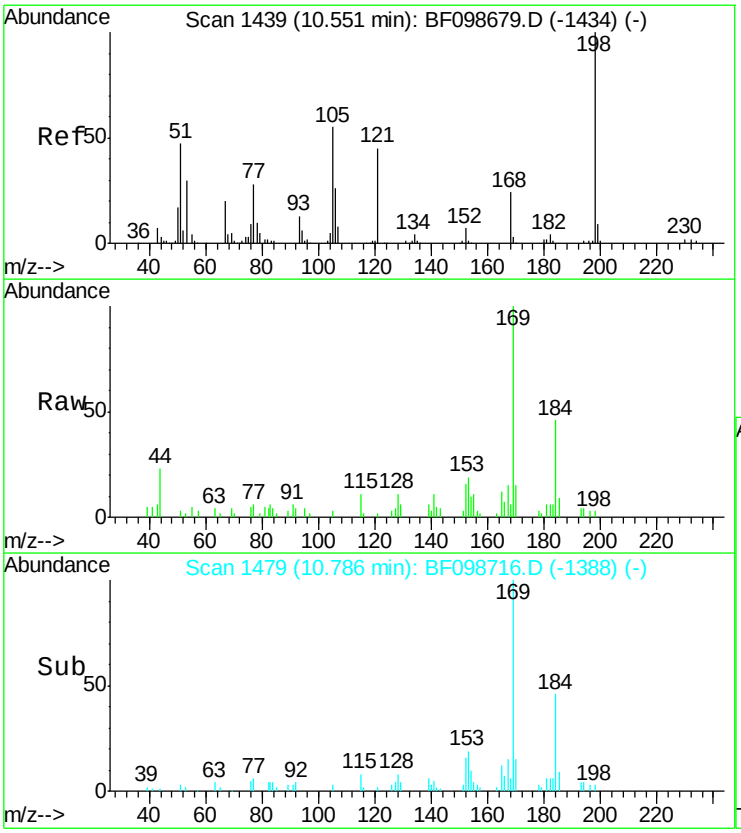
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:188 Resp: 335355

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	13.0	9.2	13.8

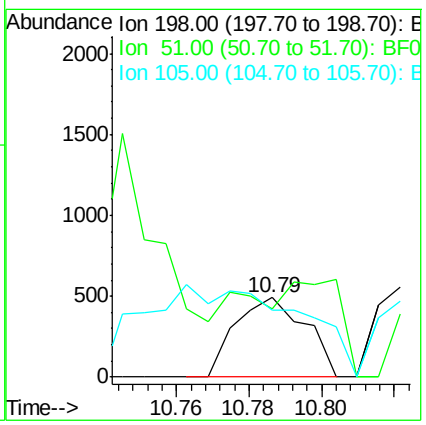


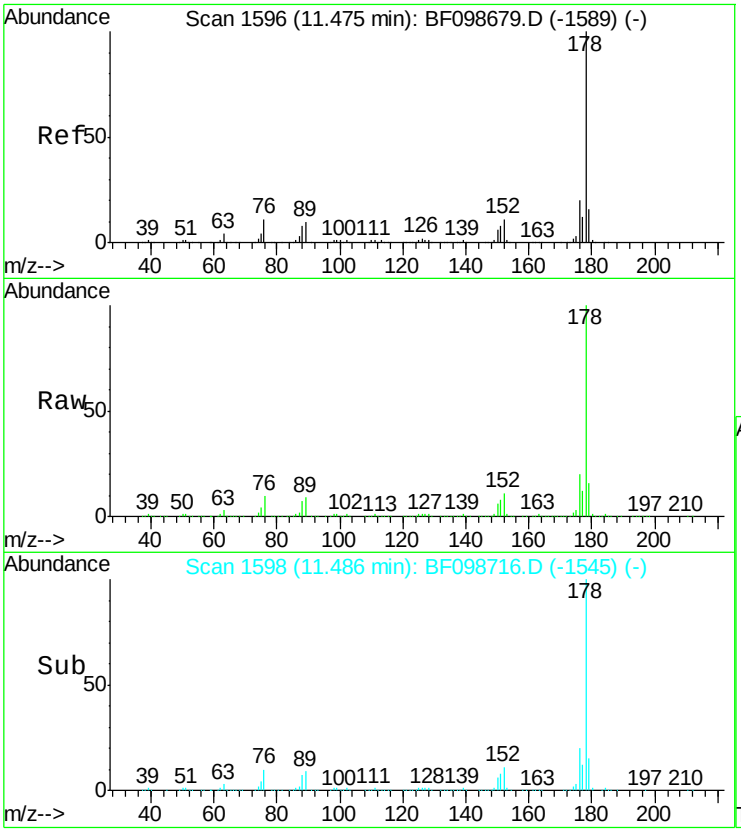


#64
4,6-Dinitro-2-methylphenol
Concen: 9.27 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.24 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:198 Resp: 659

Ion	Ratio	Lower	Upper
198	100		
51	86.5	37.7	77.7#
105	84.3	36.3	76.3#



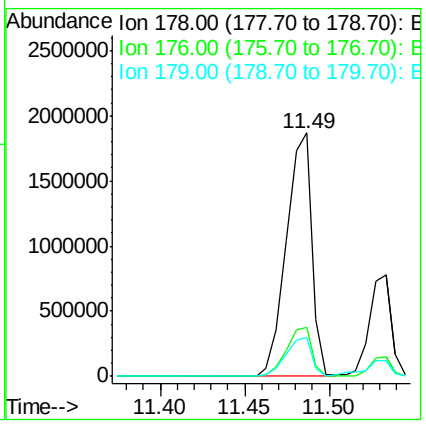


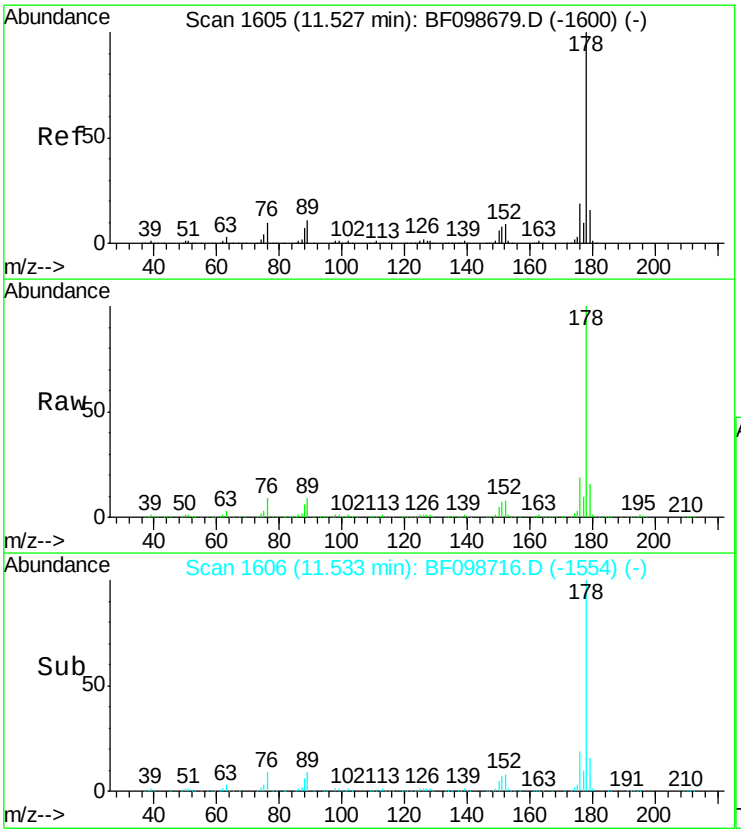
#70
Phenanthrene
Concen: 107.17 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:178 Resp: 1949695

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6

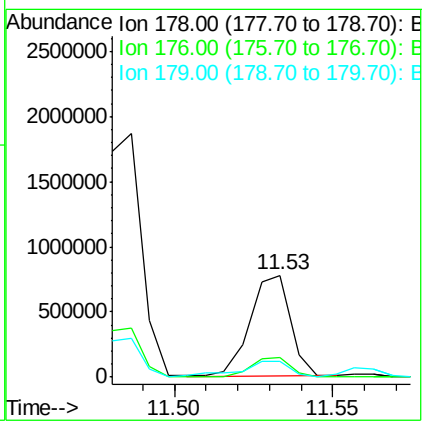


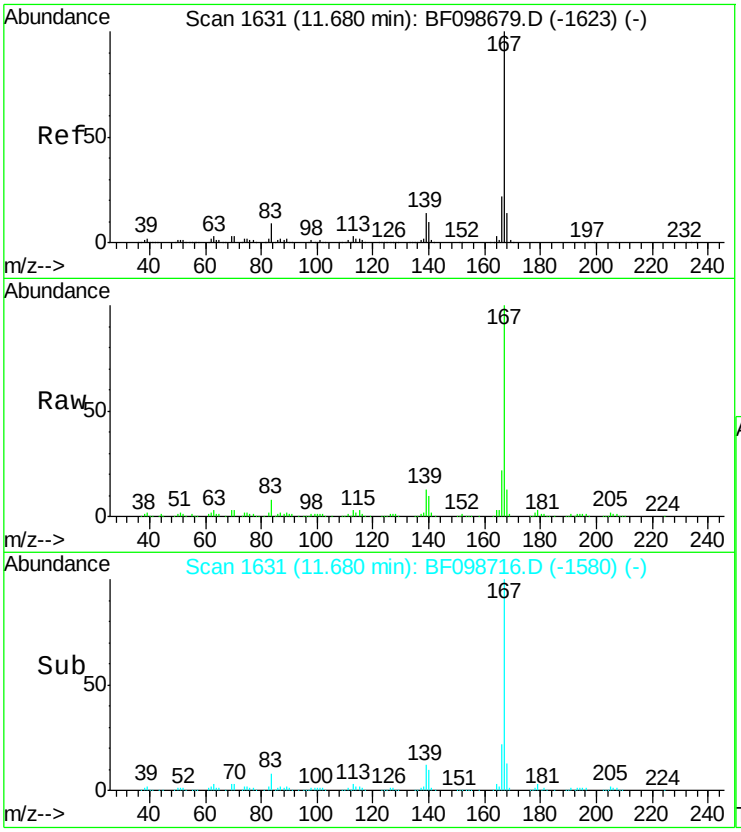


#71
Anthracene
Concen: 36.89 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:178 Resp: 684357

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.8	12.6	19.0



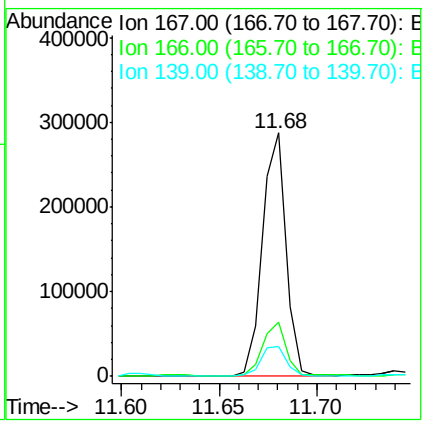


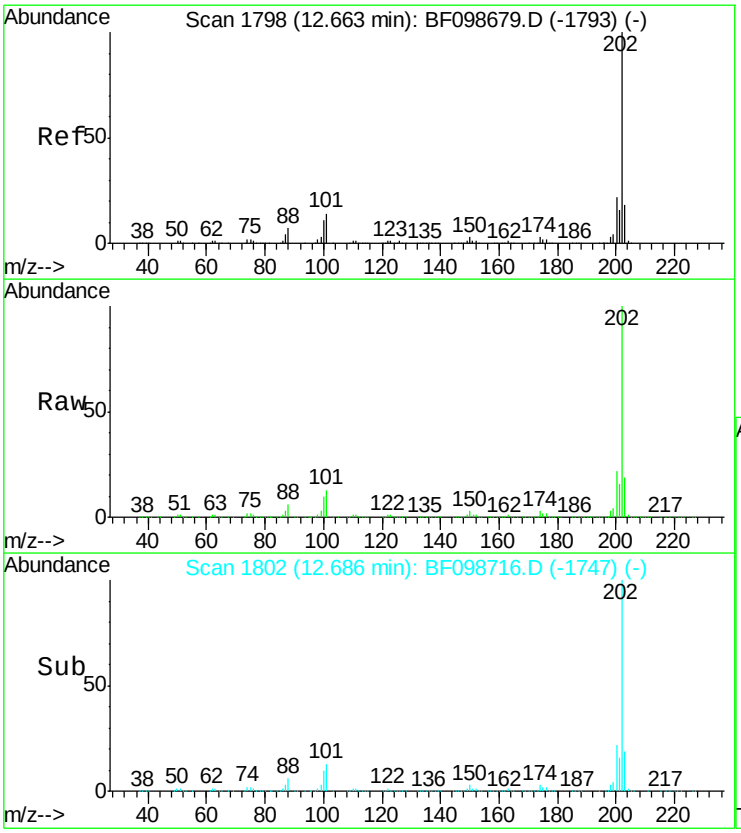
#72
Carbazole
Concen: 13.22 ng
RT: 11.68 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:167 Resp: 239585

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.5	10.9	16.3

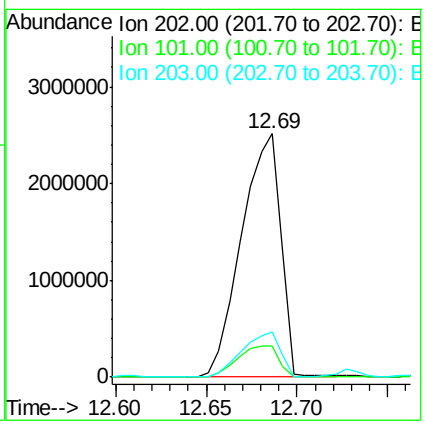


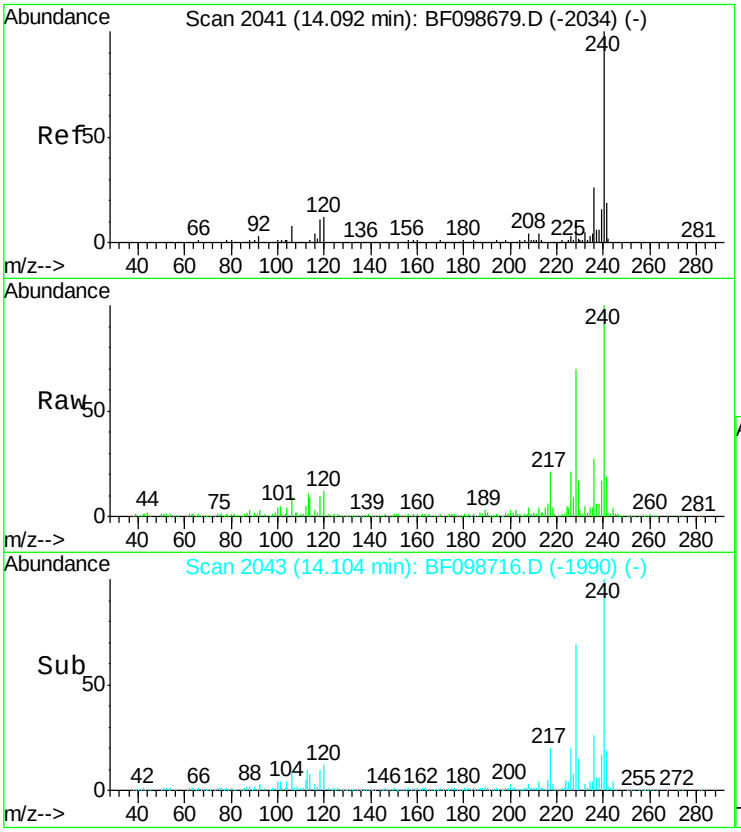


#74
Fluoranthene
Concen: 208.13 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.02 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:202 Resp: 3773322

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.7	0.0	38.1



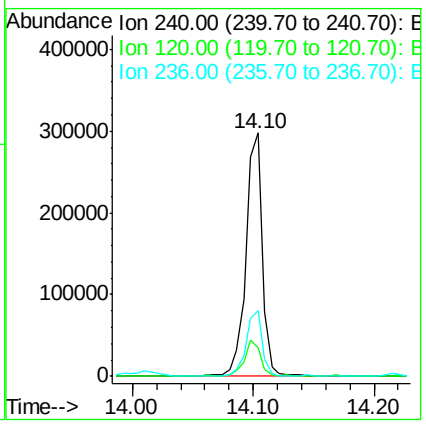


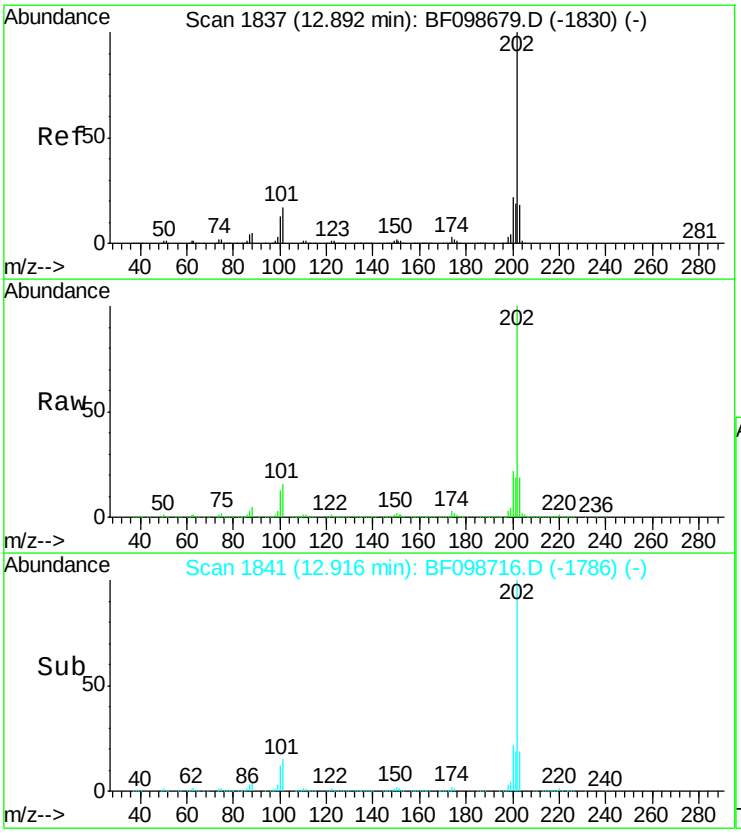
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:240 Resp: 283597

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.9	20.7	31.1

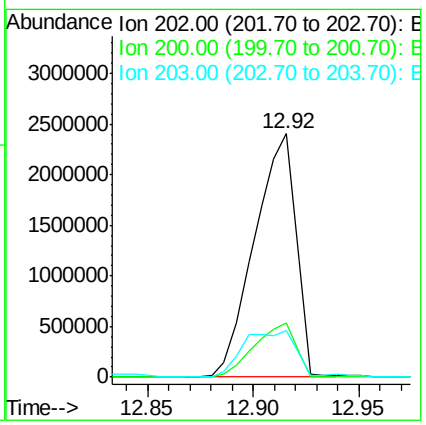


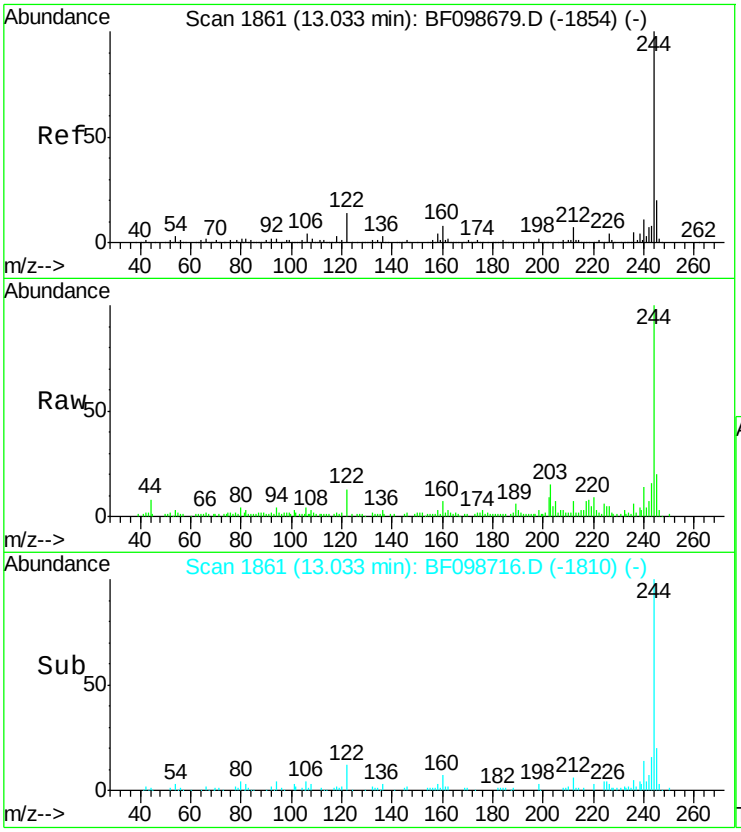


#77
Pyrene
Concen: 155.82 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.02 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:202 Resp: 3280749

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.9	14.3	21.5



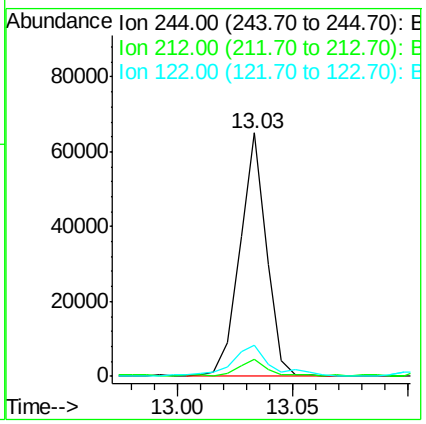


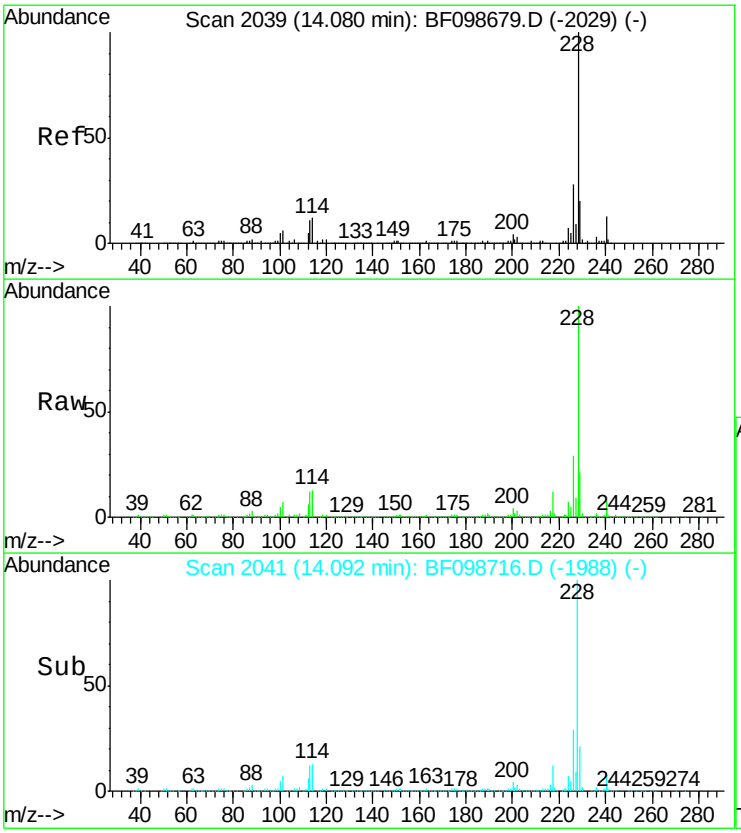
#78
Terphenyl-d14
Concen: 3.96 ng
RT: 13.03 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:244 Resp: 52322

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.0	11.0	16.4

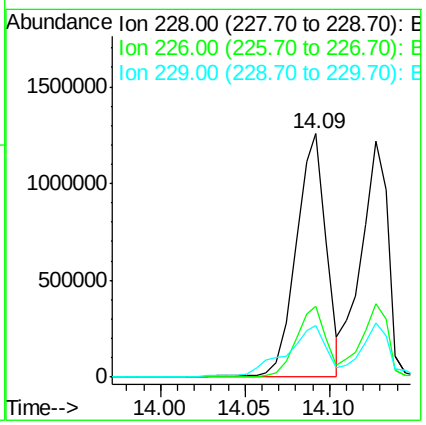


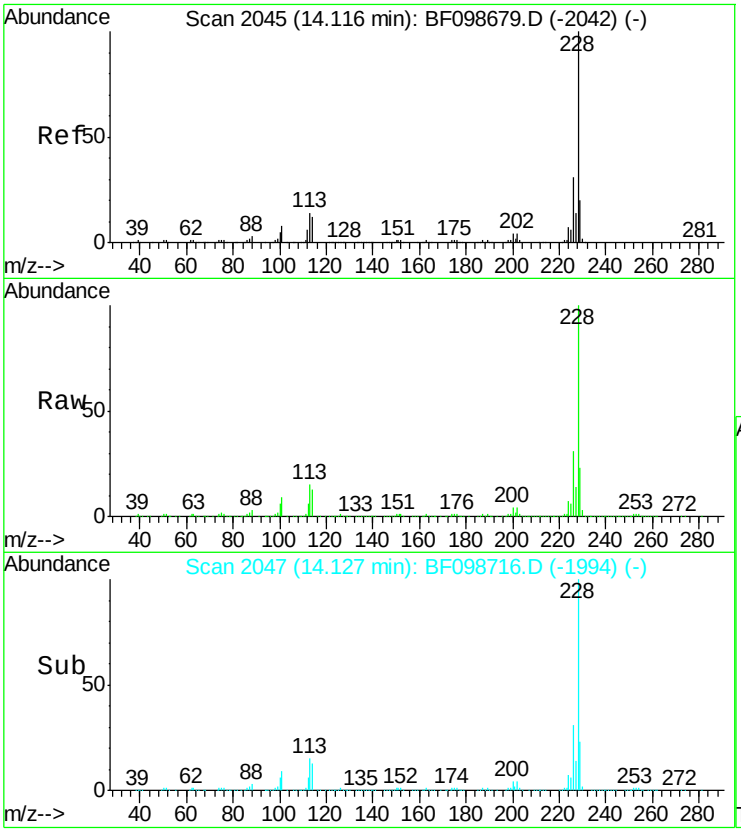


#80
Benzo(a)anthracene
Concen: 90.59 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:228 Resp: 1547569

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.1	15.8	23.6



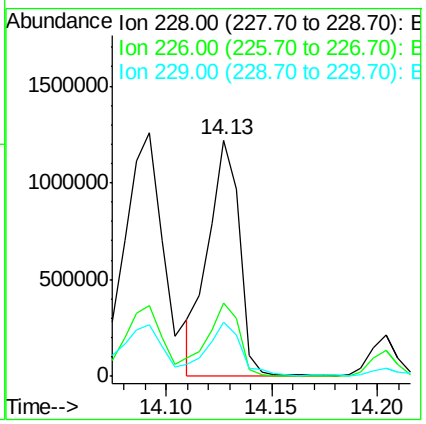


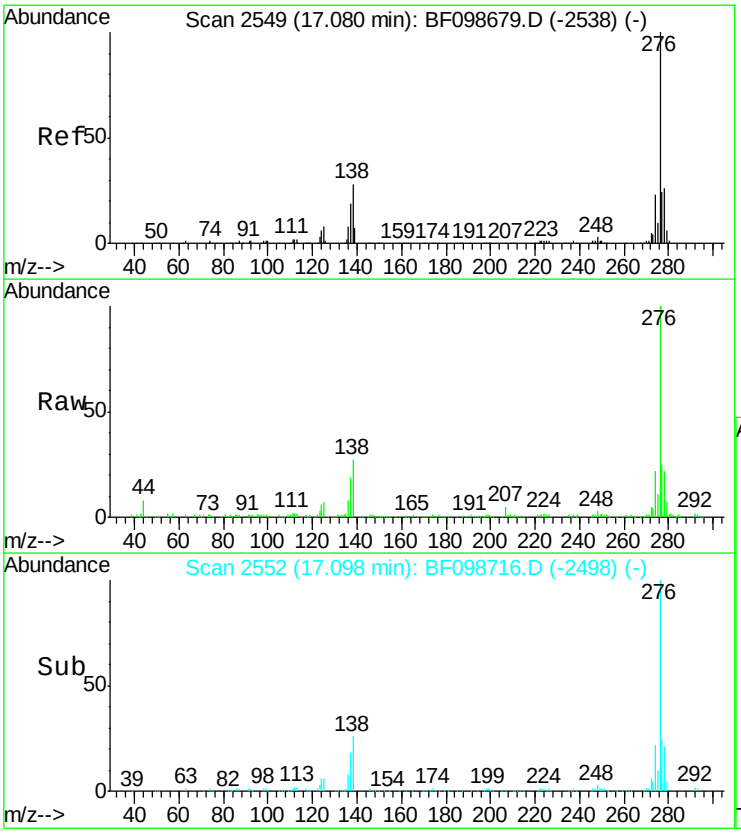
#82
Chrysene
Concen: 75.79 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:228 Resp: 1250341

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.7	16.2	24.4

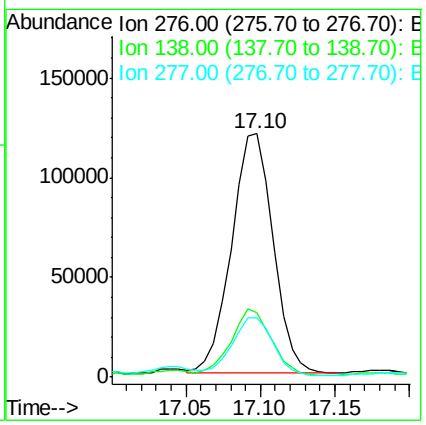


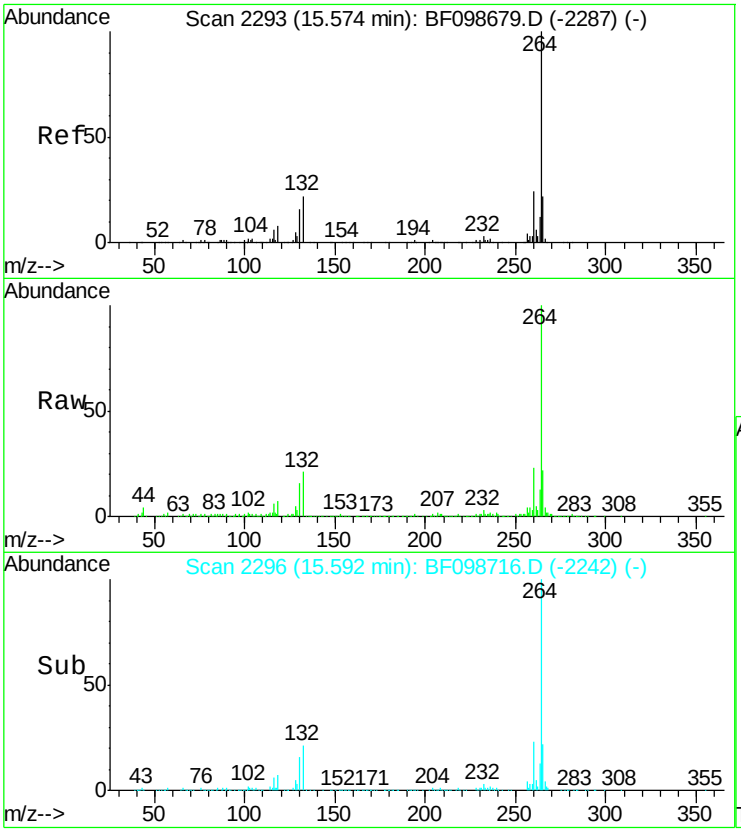


#85
Indeno(1,2,3-cd)pyrene
Concen: 18.22 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.02 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:276 Resp: 233178

Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	24.0	20.1	30.1



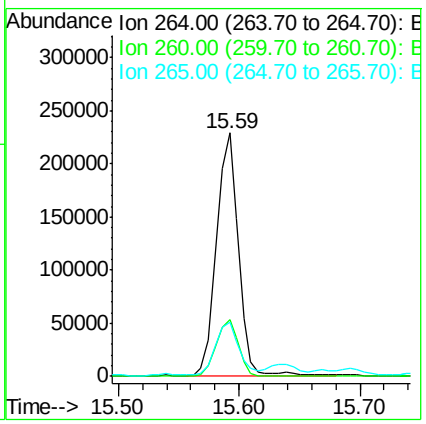


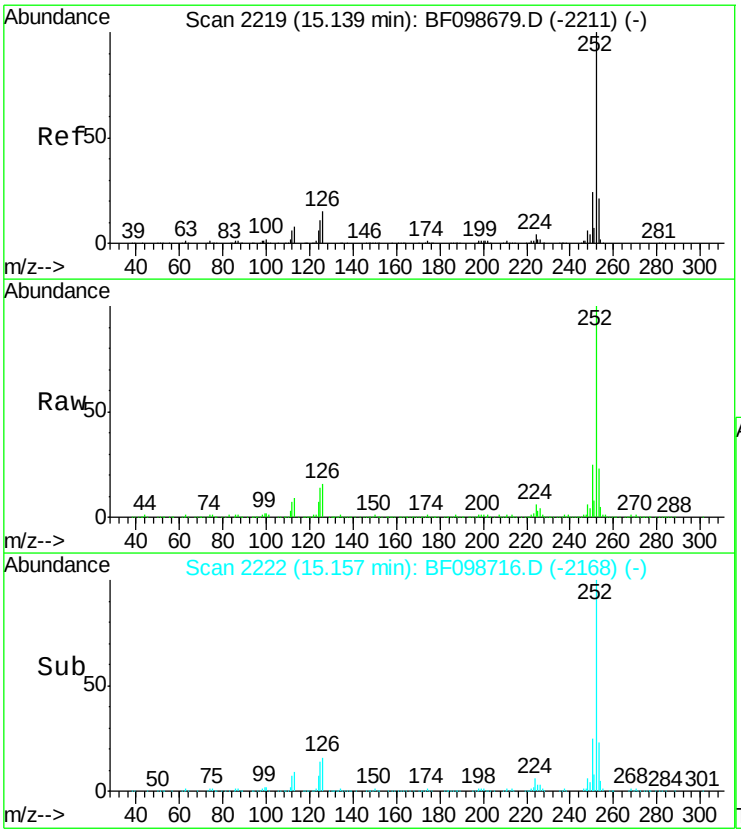
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.02 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:264 Resp: 284620

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3

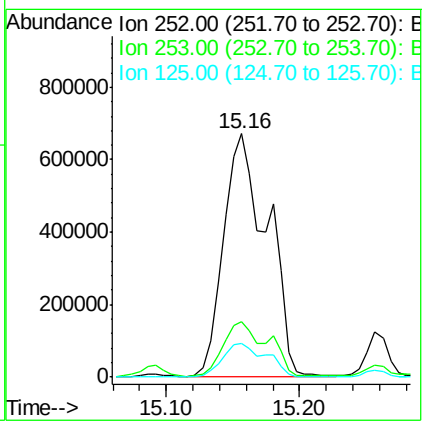


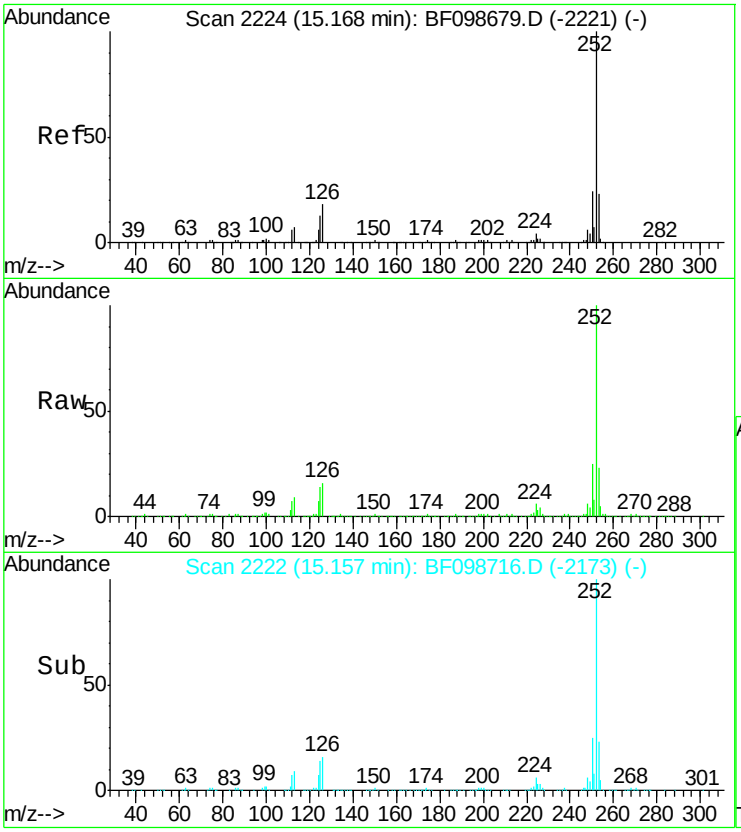


#87
Benzo(b)fluoranthene
Concen: 92.83 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.02 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:252 Resp: 1532328

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.9	9.0	13.6#



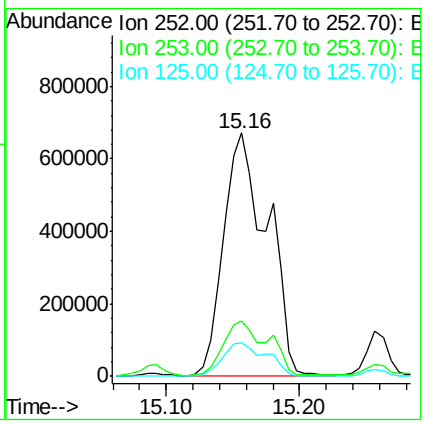


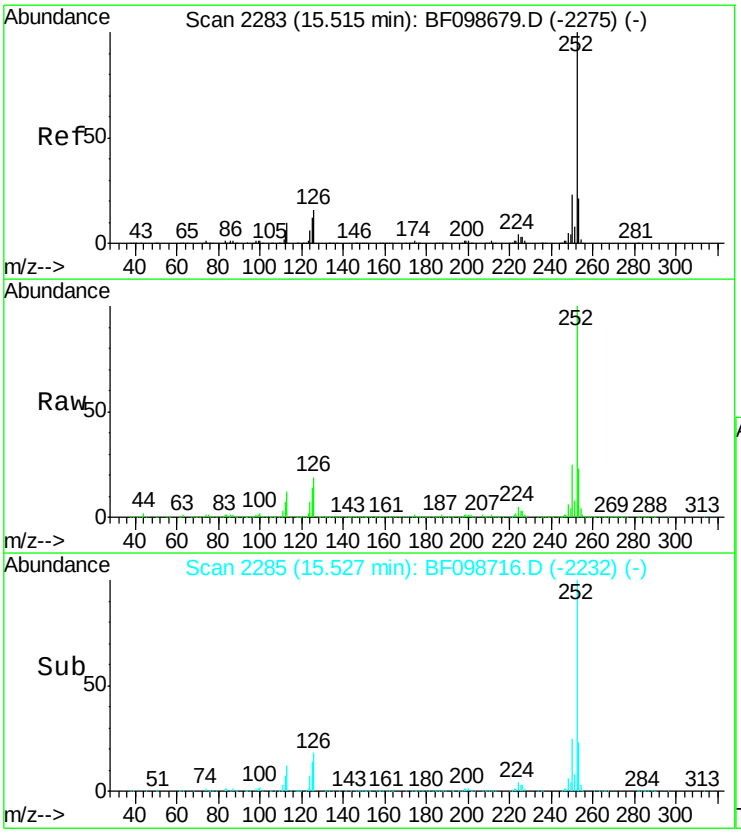
#88
Benzo(k)fluoranthene
Concen: 92.90 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:252 Resp: 1532328

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	13.9	10.2	15.2

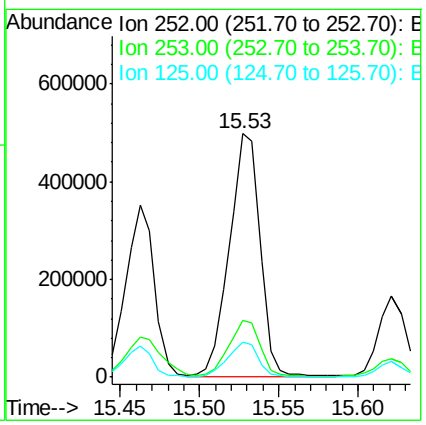


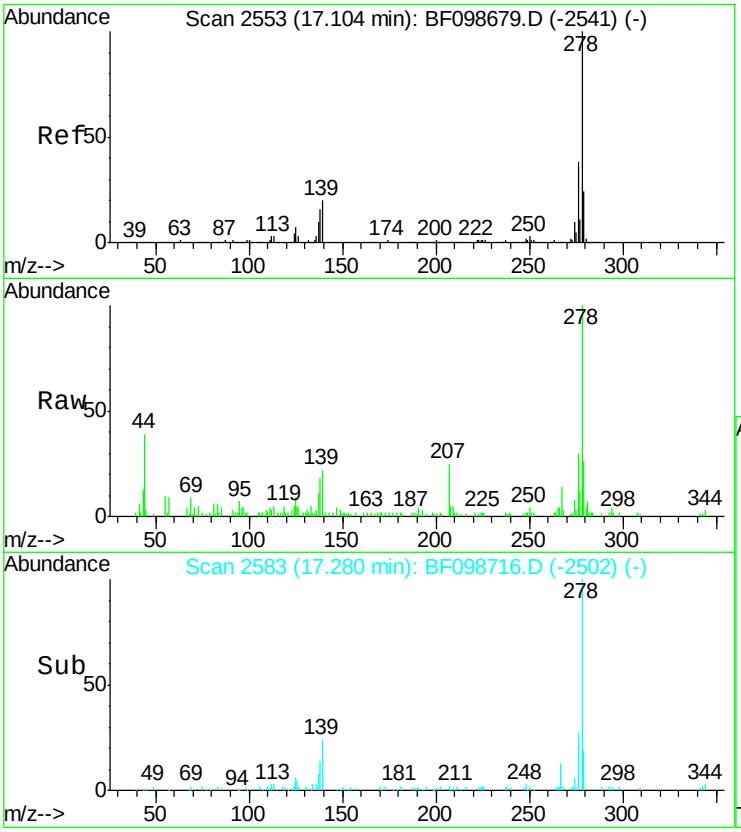


#89
Benzo(a)pyrene
Concen: 44.47 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:252 Resp: 666670

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	14.1	9.8	14.6



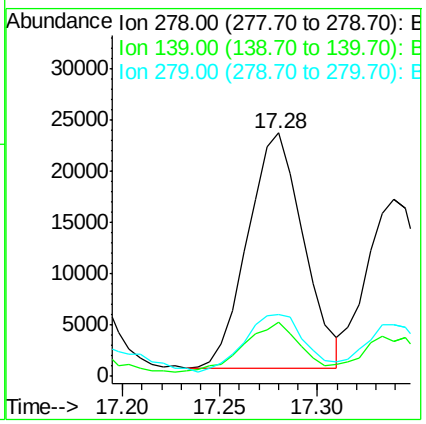


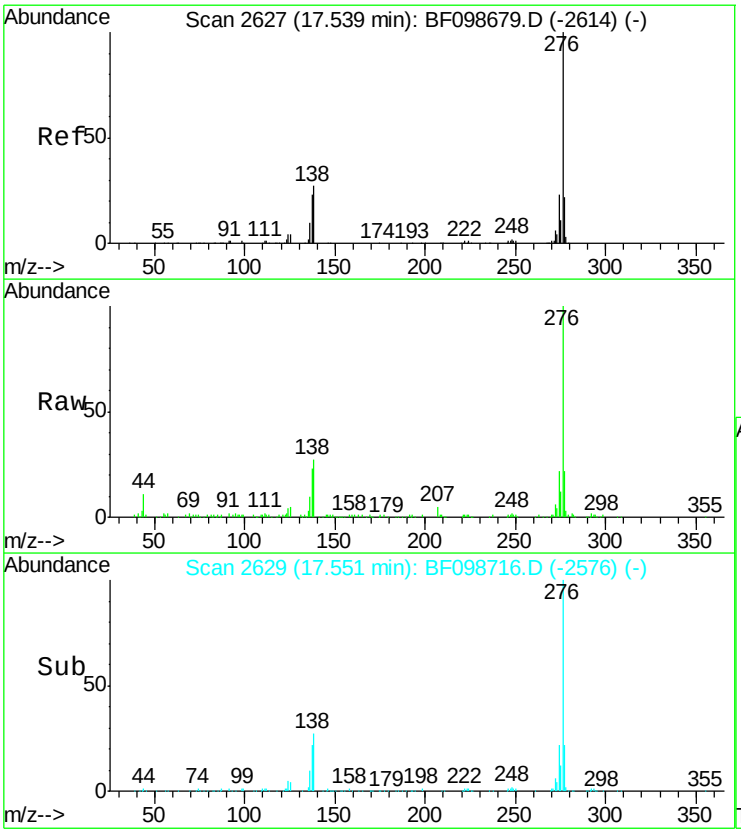
#90
Dibenzo(a,h)anthracene
Concen: 3.58 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.18 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(5-10)

Tgt Ion:278 Resp: 45352

Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.9	23.9
279	25.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 15.26 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF098716.D
Acq: 23 Sep 2017 00:35

Tgt Ion:276 Resp: 194514

Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	26.9	21.8	32.8