Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098453.D
Acq On : 12 Sep 2017 16:35
Operator : SJ/JU
Sample : I5119-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-116A(0-5)COMPRE

Quant Time: Sep 13 00:56:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	228022	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	927395	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	384391	20.00	ng		-0.01
63) Phenanthrene-d10	11.17	188	597535	20.00	ng		-0.01
75) Chrysene-d12	13.81	240	426160	20.00	ng		0.00
86) Perylene-d12	15.21	264	363115	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	520102	33.72	ng		-0.01
7) Phenol-d6	6.32	99	766497	39.14	ng		0.00
23) Nitrobenzene-d5	7.23	82	407481	24.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	285744	111.38	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1023571	45.13	ng		-0.01
78) Terphenyl-d14	12.76	244	1315455	66.63	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	53467	4.341	ng	#	78
25) Isophorone	7.23	82	398396	11.837	ng	#	67
32) Benzoic acid	7.77	122	145	7.982	ng	#	43
49) Dimethylphthalate	9.42	163	165832	5.573	ng		99
56) 2,4-Dinitrotoluene	9.69	165	50762	6.831	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.48	198	469	5.079	ng	#	1
66) 4-Bromophenyl-phenylether	10.49	248	21226	3.743	ng	#	1
70) Phenanthrene	11.20	178	486620	15.362	ng		98
71) Anthracene	11.25	178	134936	4.149	ng		98
74) Fluoranthene	12.39	202	1312411	41.386	ng		98
77) Pyrene	12.62	202	1332138	39.625	ng		99
80) Benzo(a)anthracene	13.80	228	743312	29.750	ng		98
82) Chrysene	13.84	228	649351	25.711	ng		97
85) Indeno(1,2,3-cd)pyrene	16.55	276	276167	15.586	ng		95
87) Benzo(b)fluoranthene	14.82	252	1063482	46.579	ng	#	97
88) Benzo(k)fluoranthene	14.82	252	1063482	49.894	ng		98
89) Benzo(a)pyrene	15.16	252	582307	28.628	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	62278	4.209	ng		93
91) Benzo(g,h,i)perylene	16.96	276	272028	18.278	ng		99

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

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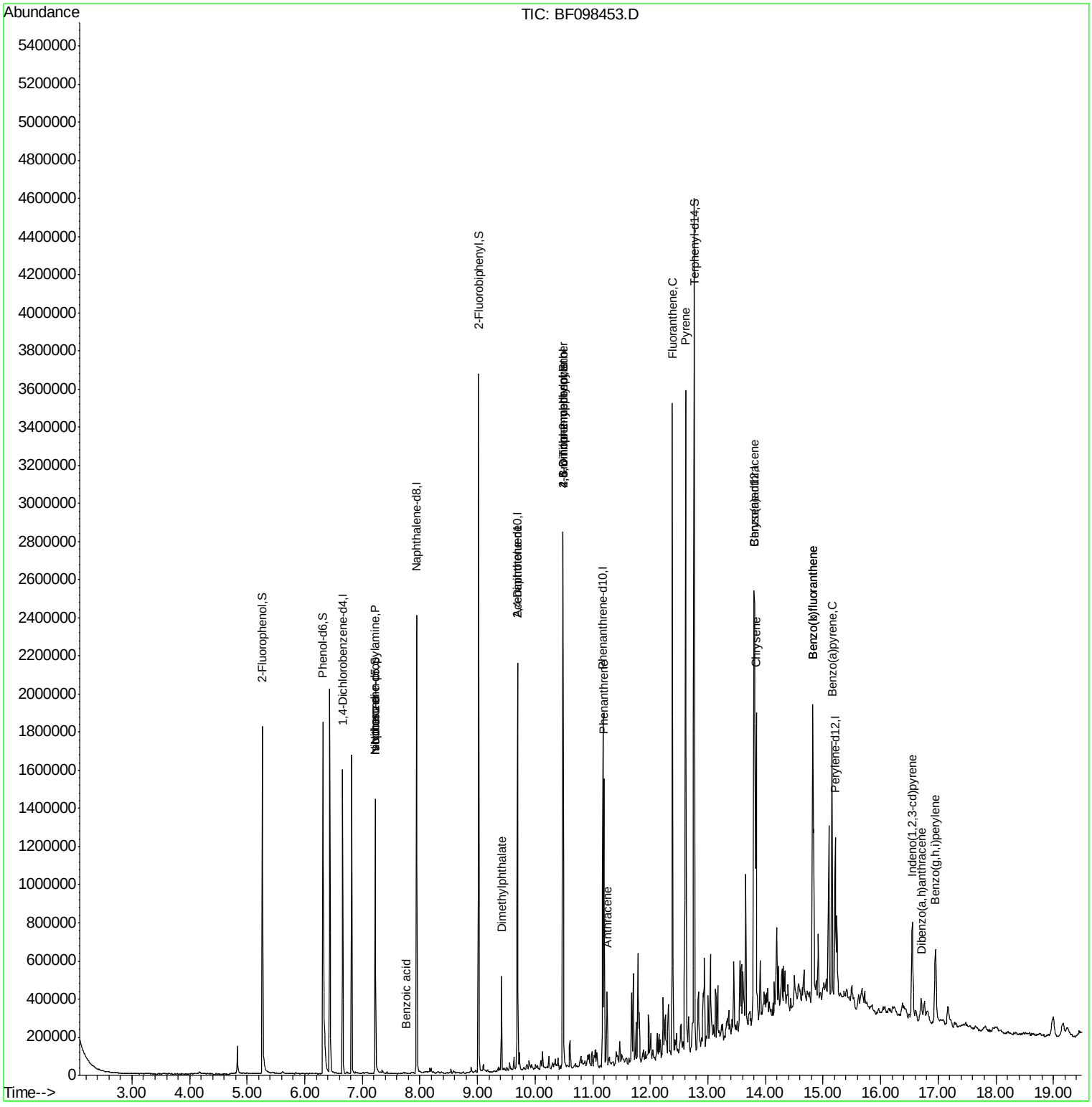
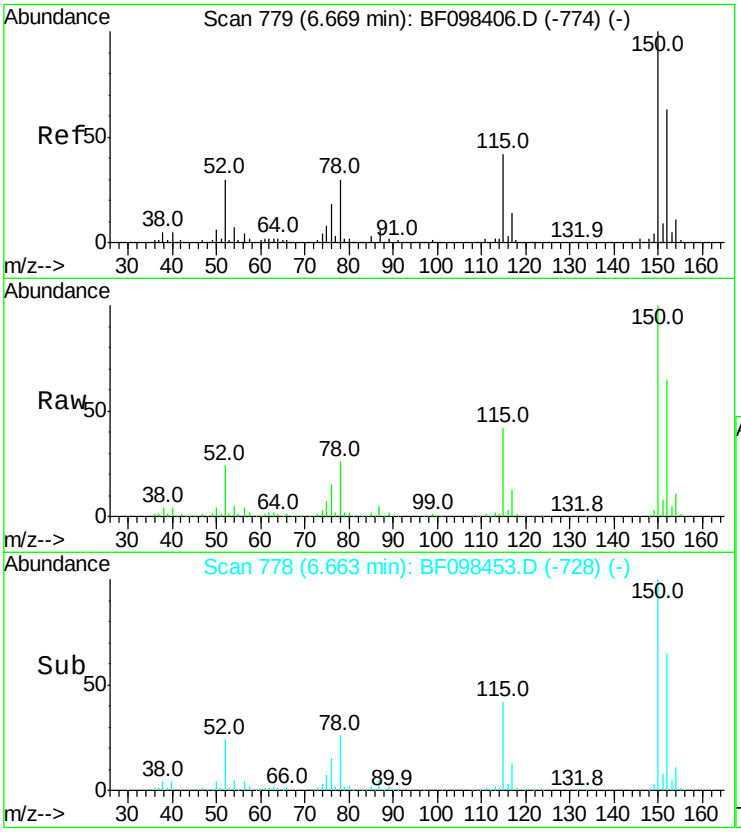


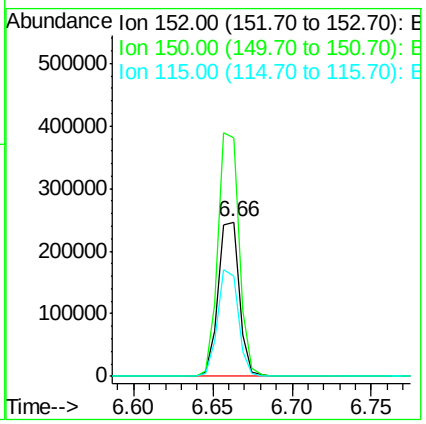


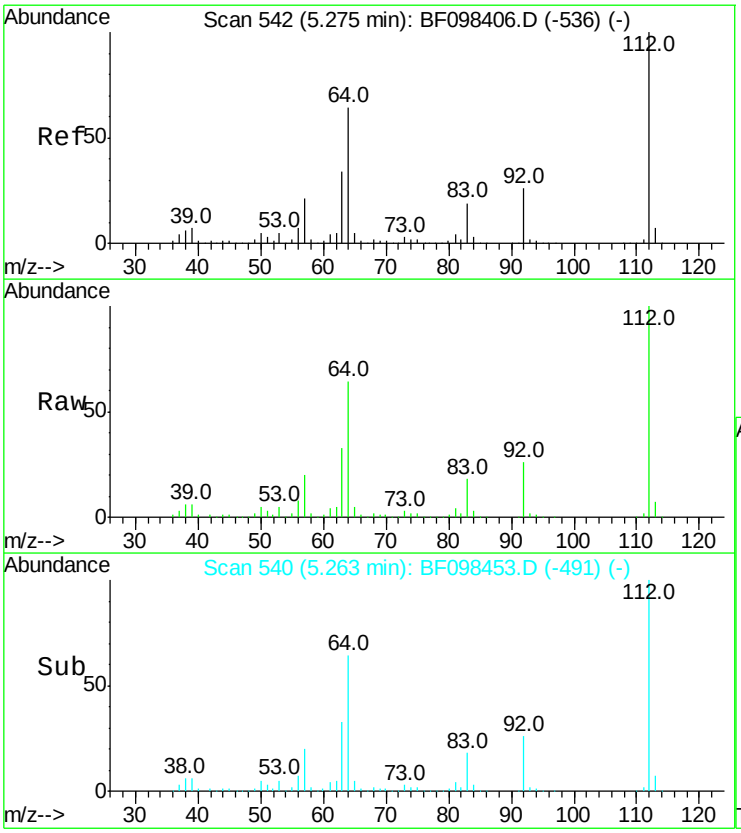
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:152 Resp: 228022

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	64.7	52.2	78.2

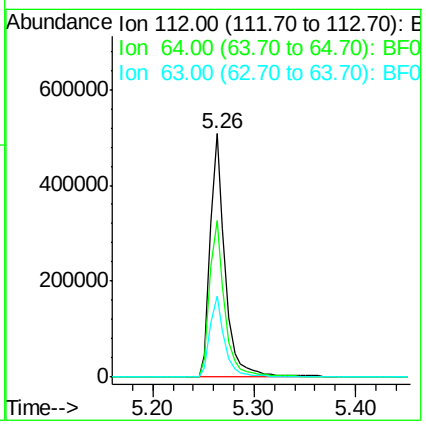


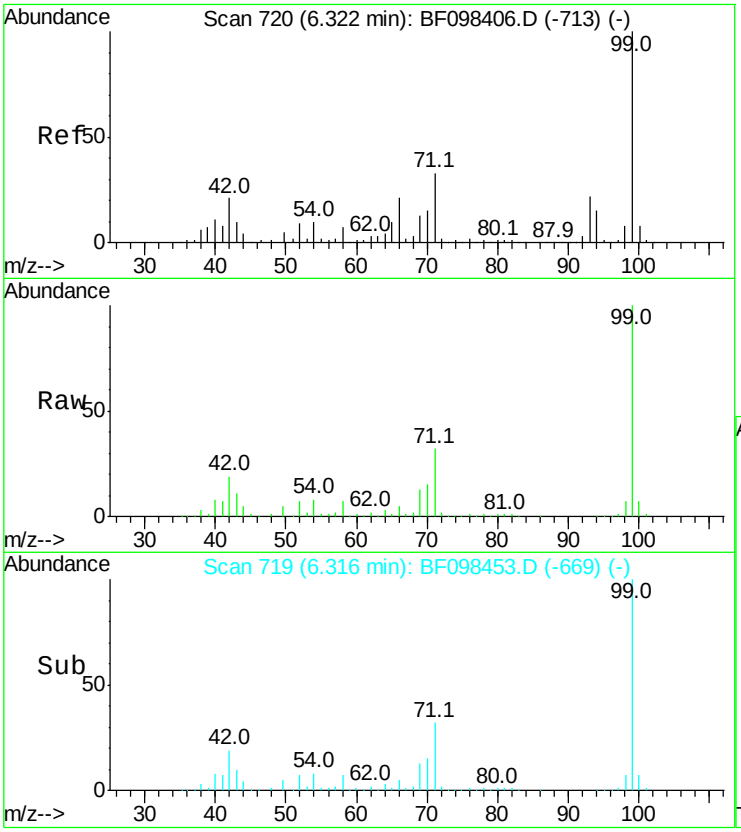


#5
2-Fluorophenol
Concen: 33.724 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:112 Resp: 520102

Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	33.1	23.4	35.0



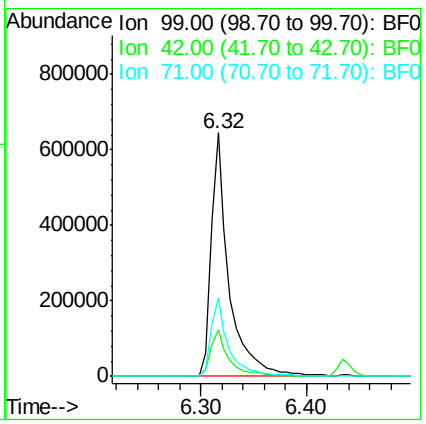


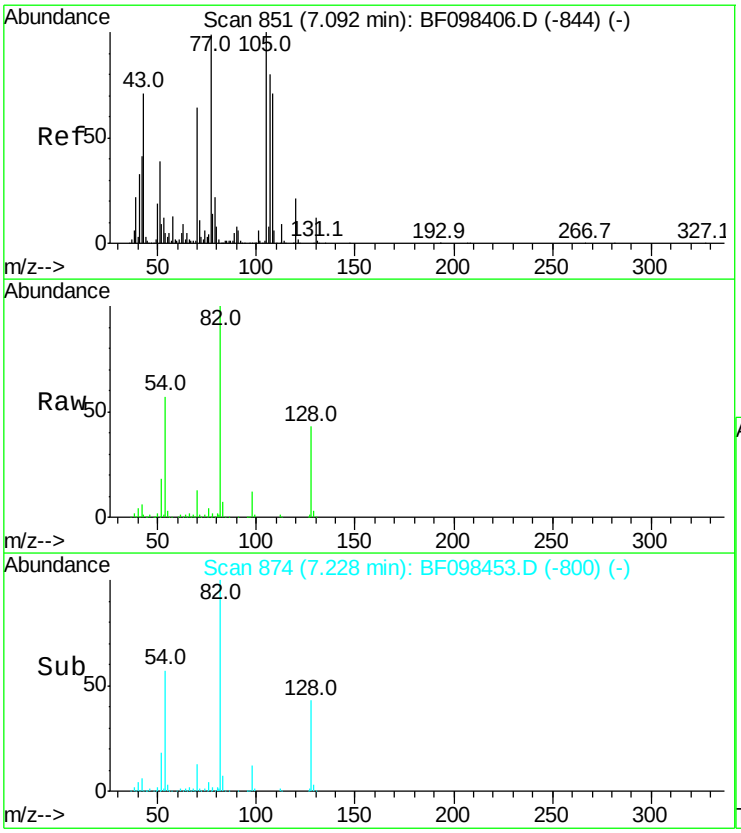
#7
Phenol-d6
Concen: 39.145 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion: 99 Resp: 766497

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	32.3	24.5	36.7

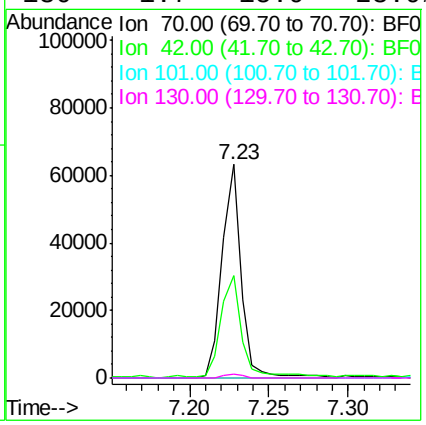


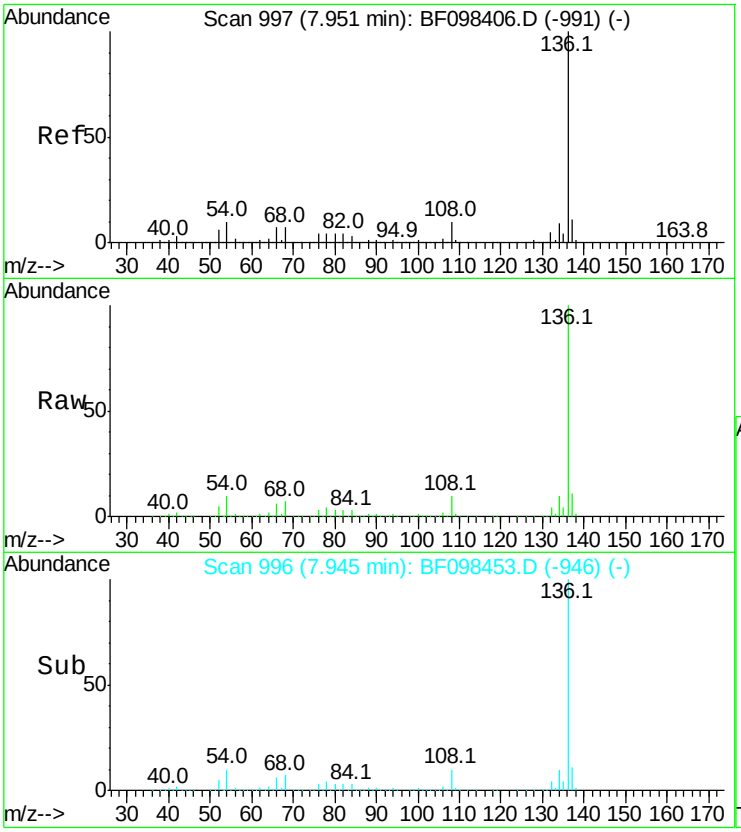


#19
n-Nitroso-di-n-propylamine
Concen: 4.341 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.14 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion: 70 Resp: 53467

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.2	70.8
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



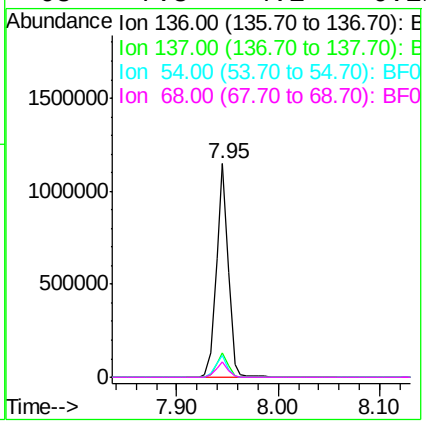


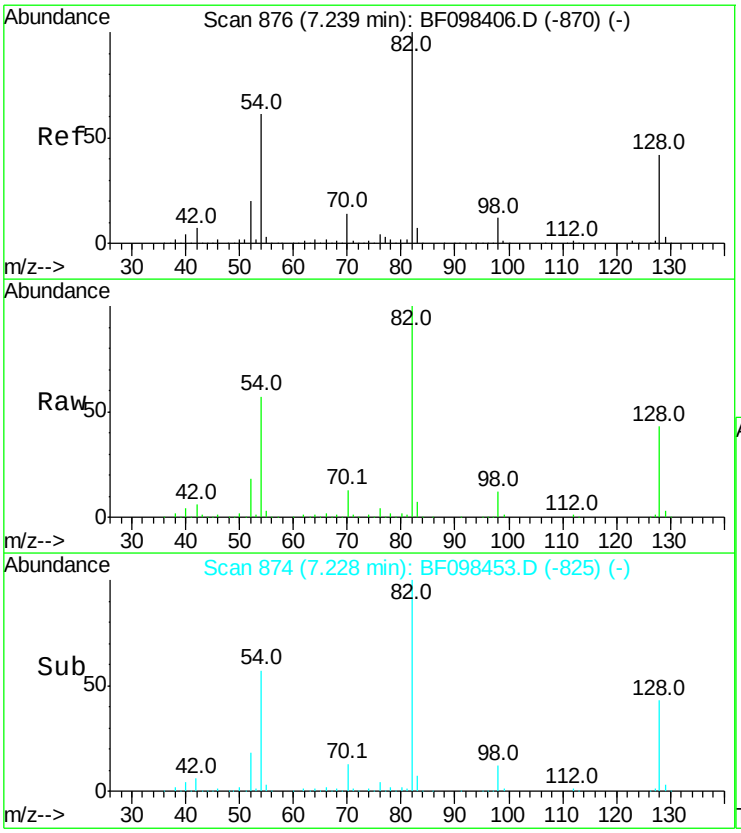
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:136 Resp: 927395

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.1	4.9	7.3#
68	7.3	4.1	6.1#

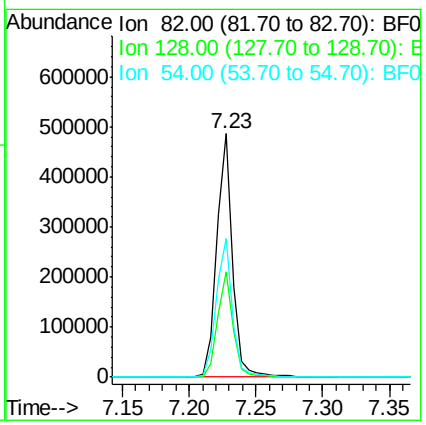


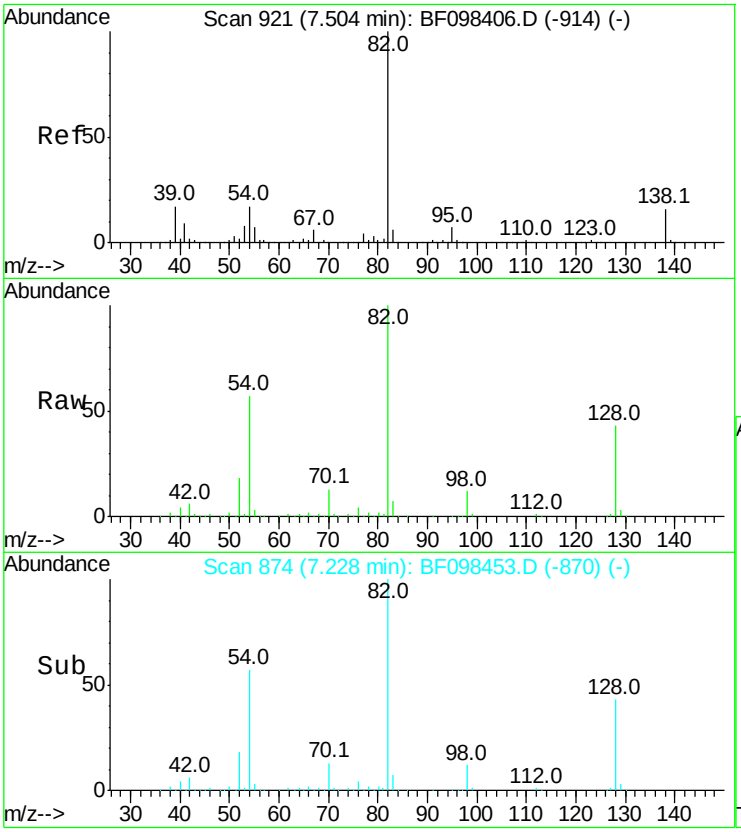


#23
Nitrobenzene-d5
Concen: 24.495 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion: 82 Resp: 407481

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	56.9	42.2	63.2



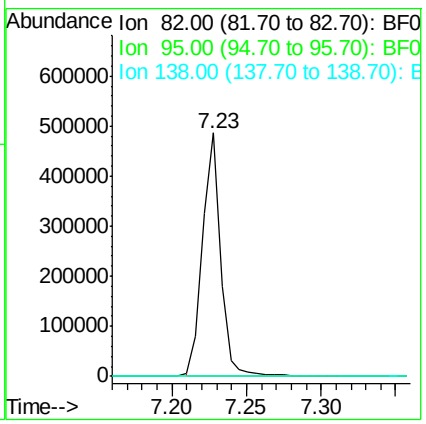


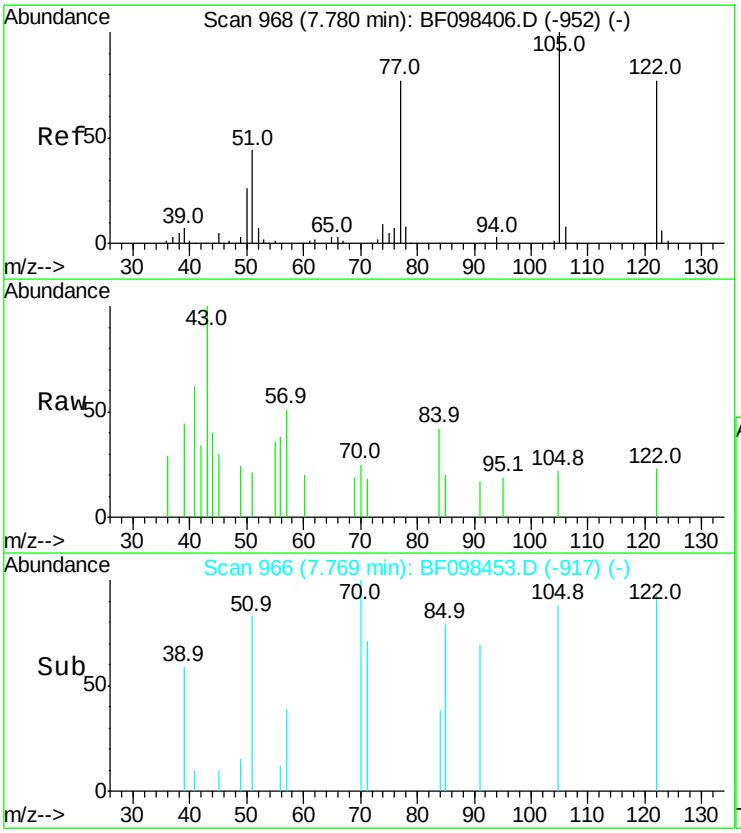
#25
Isophorone
Concen: 11.837 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.28 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion: 82 Resp: 398396

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

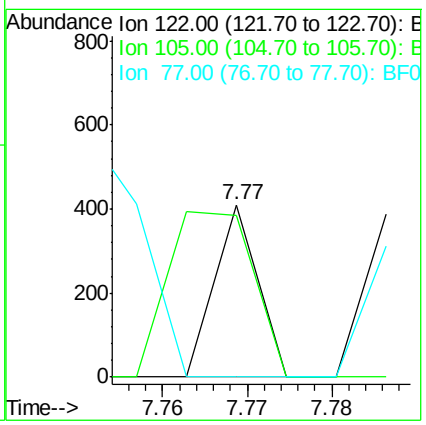


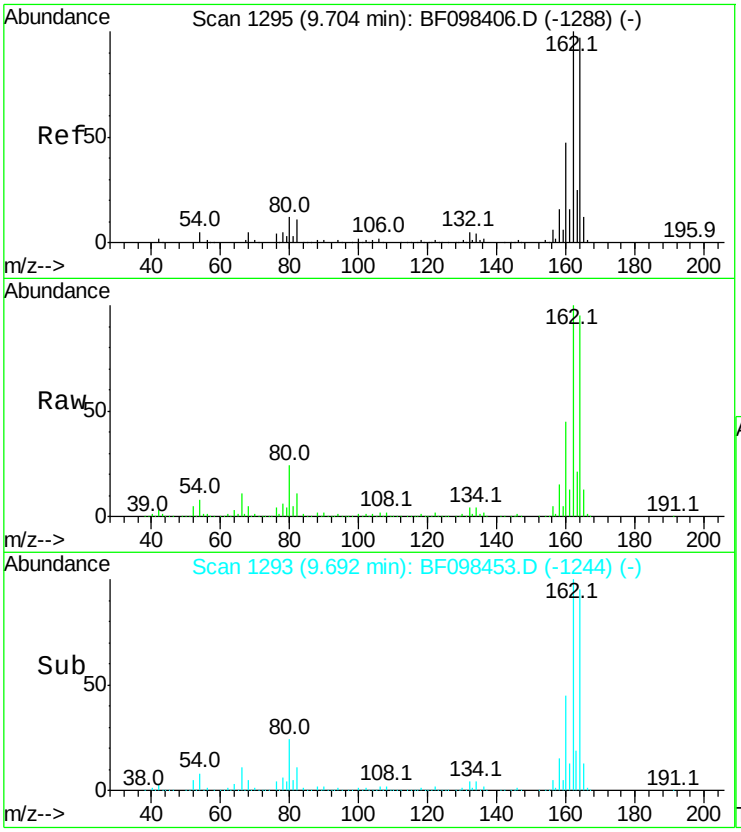


#32
Benzoic acid
Concen: 7.982 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:122 Resp: 145

Ion	Ratio	Lower	Upper
122	100		
105	94.1	103.3	143.3#
77	0.0	73.7	113.7#



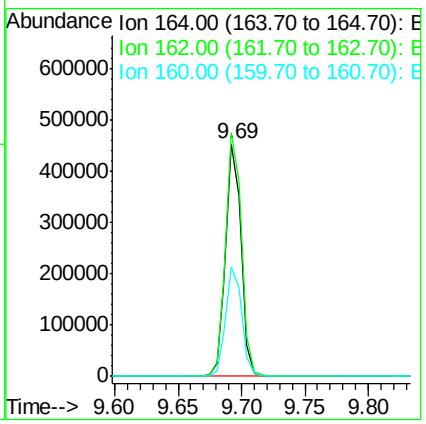


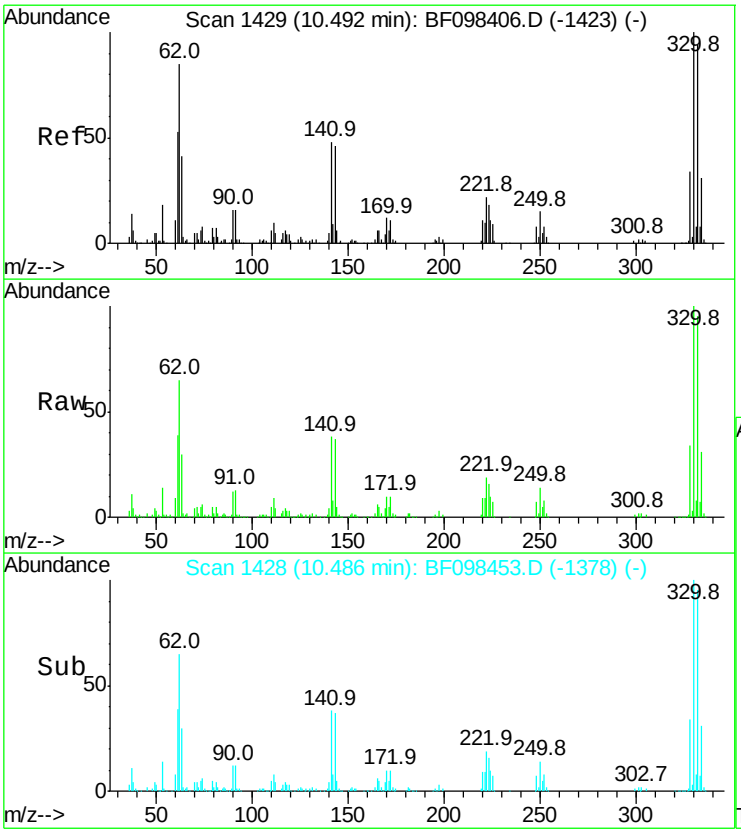
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:164 Resp: 384391

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	47.2	36.2	54.2

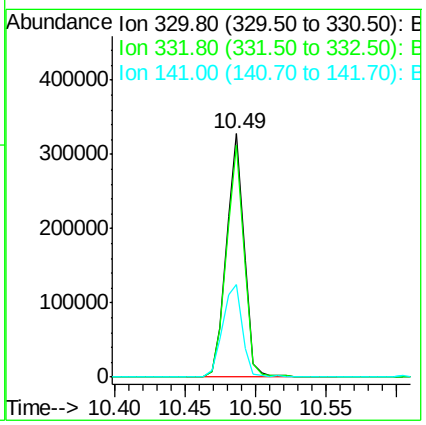


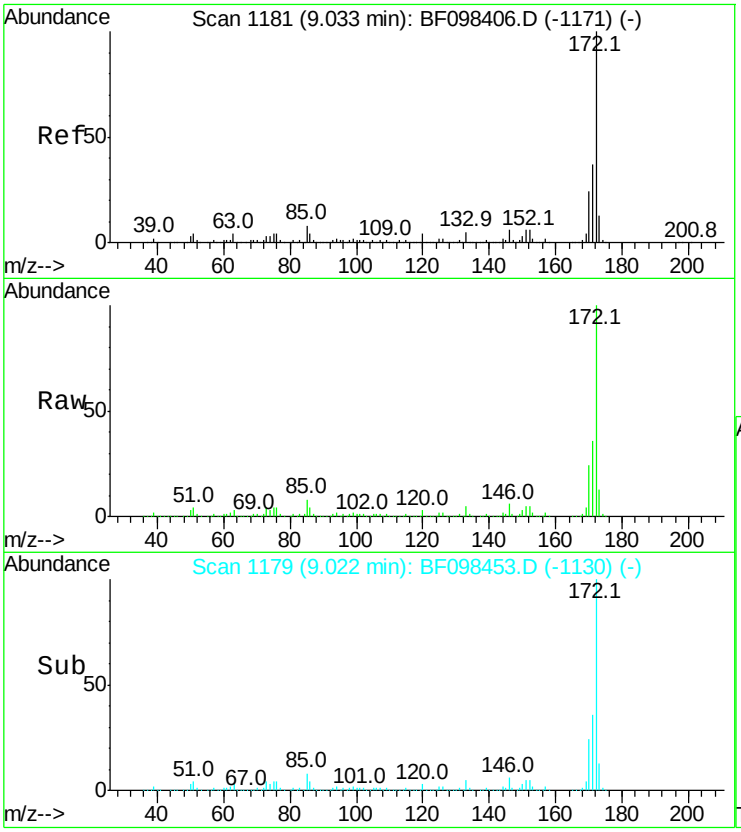


#41
2,4,6-Tribromophenol
Concen: 111.380 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:330 Resp: 285744

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	43.4	31.4	47.2



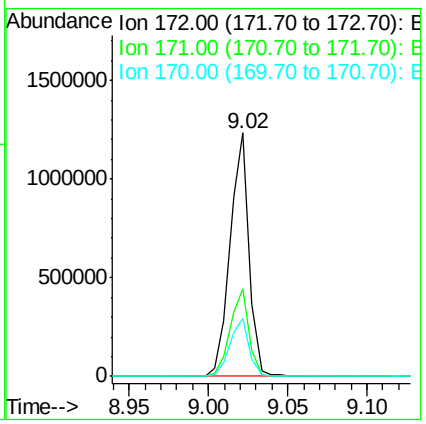


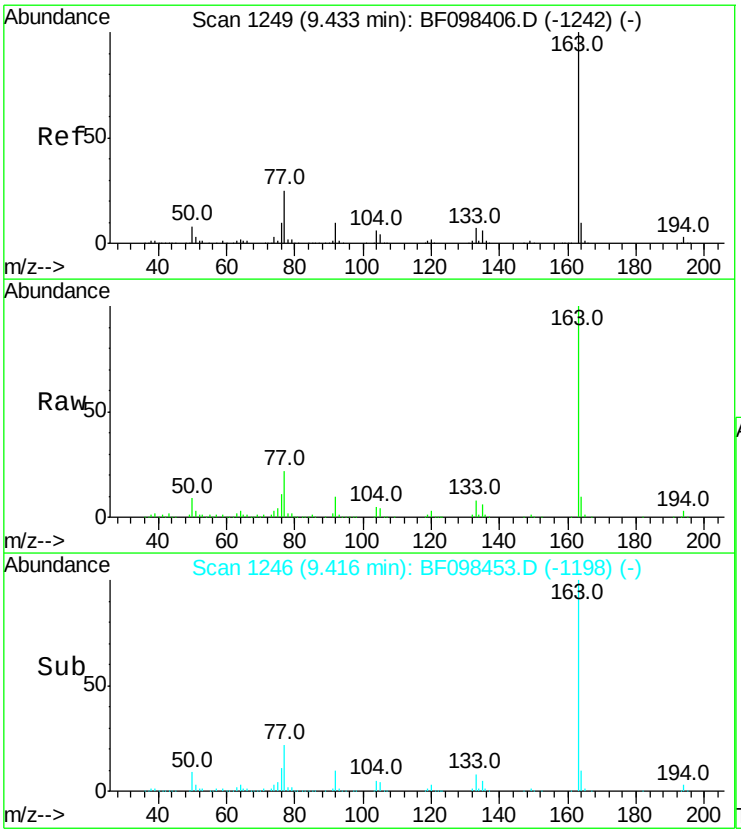
#44
2-Fluorobiphenyl
Concen: 45.133 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:172 Resp: 1023571

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

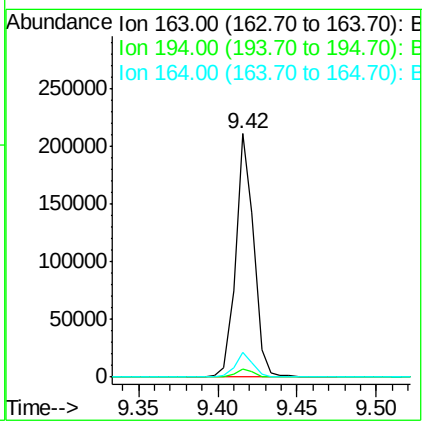


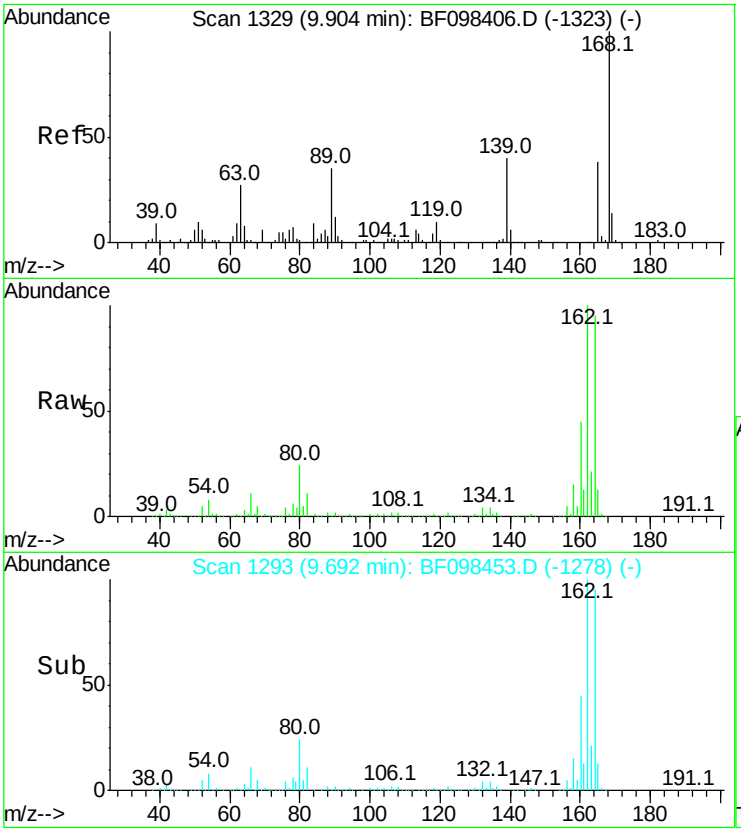


#49
Dimethylphthalate
Concen: 5.573 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:163 Resp: 165832

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.9	8.4	12.6



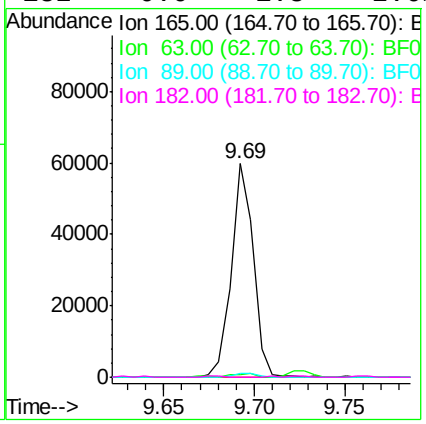


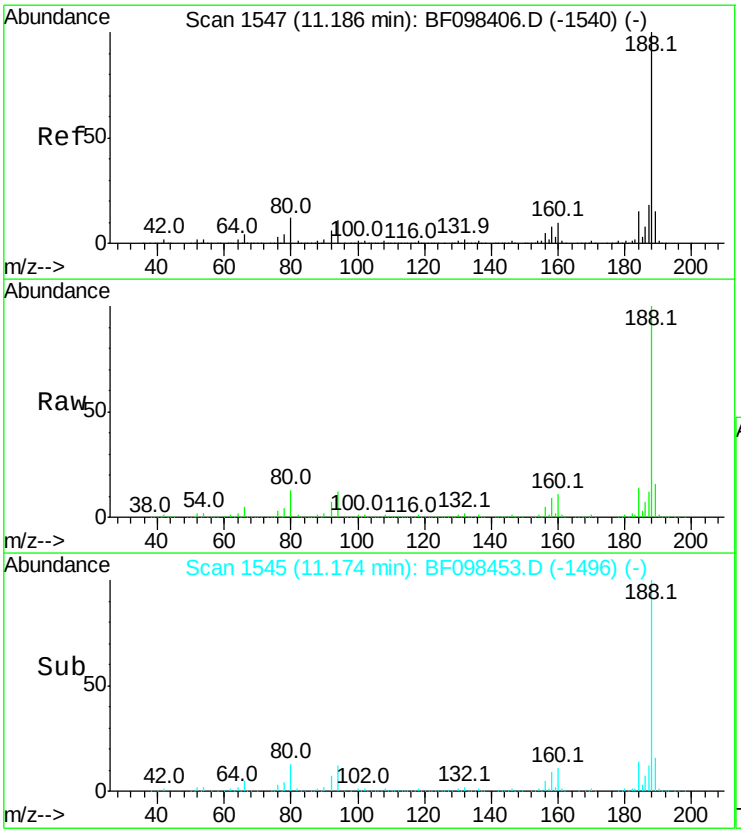
#56
2,4-Dinitrotoluene
Concen: 6.831 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.21 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:165 Resp: 50762

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

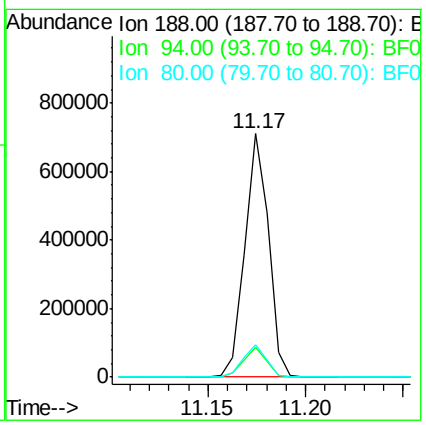


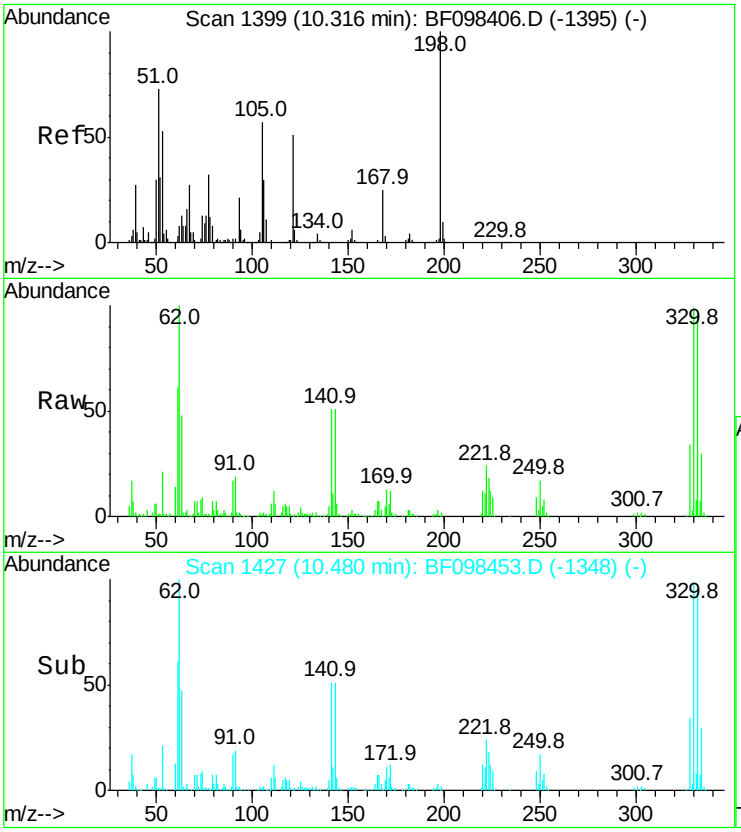


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:188 Resp: 597535

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.3	10.2	15.2



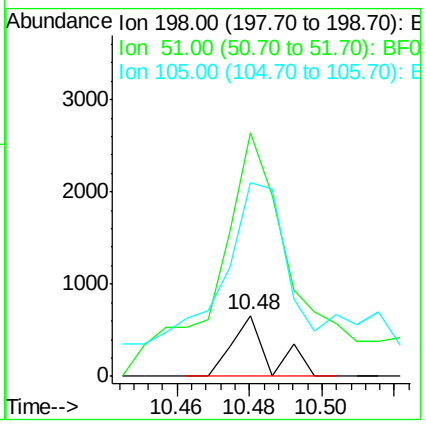


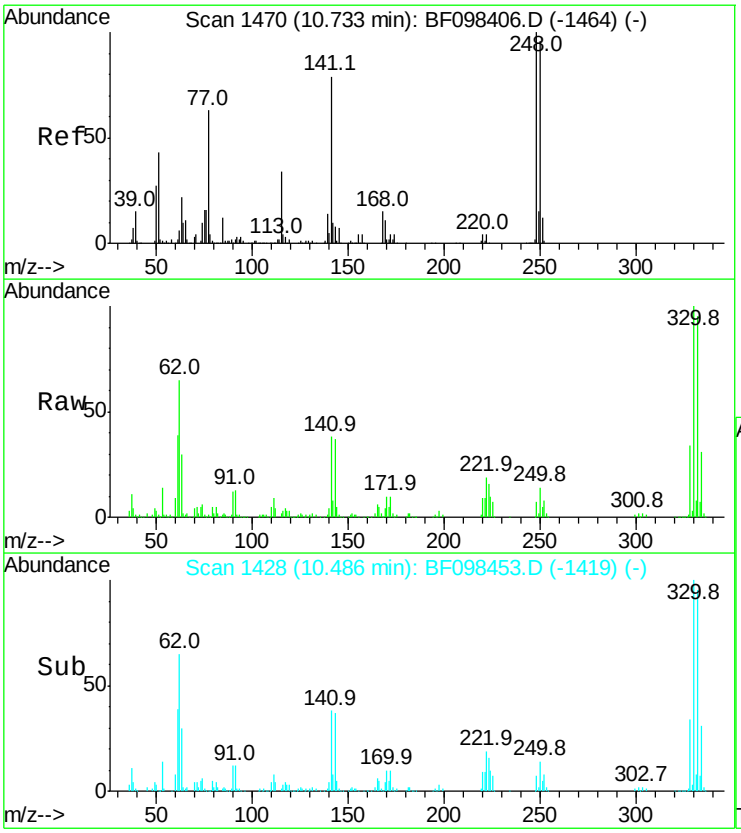
#64
4,6-Dinitro-2-methylphenol
Concen: 5.079 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.17 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:198 Resp: 469

Ion	Ratio	Lower	Upper
198	100		
51	400.5	53.2	93.2#
105	319.1	45.8	85.8#

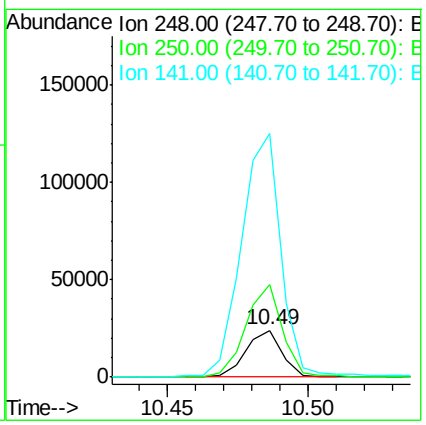


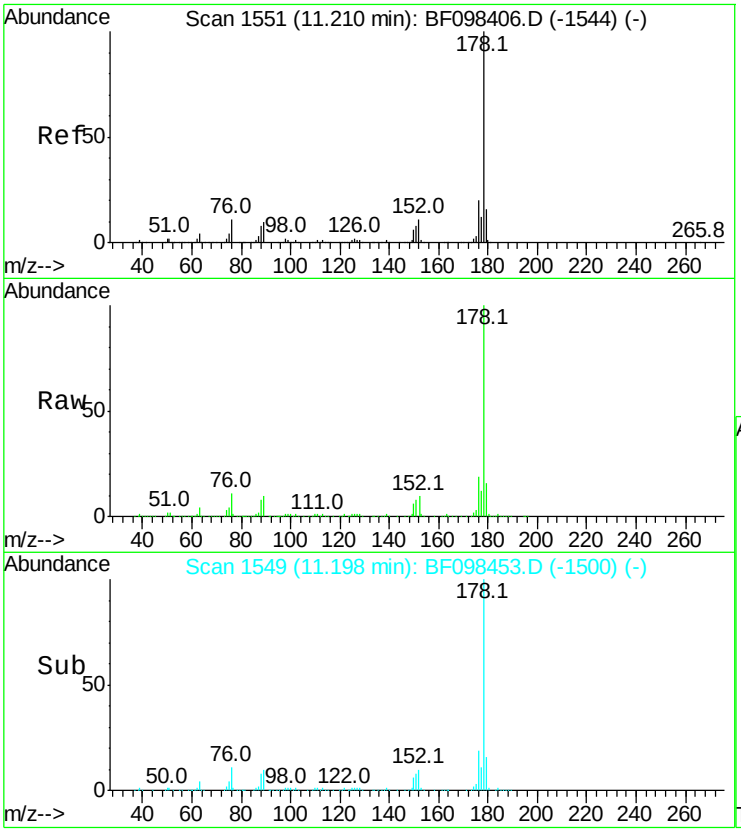


#66
4-Bromophenyl-phenylether
Concen: 3.743 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.25 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:248 Resp: 21226

Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.8	115.2#
141	523.8	68.6	103.0#



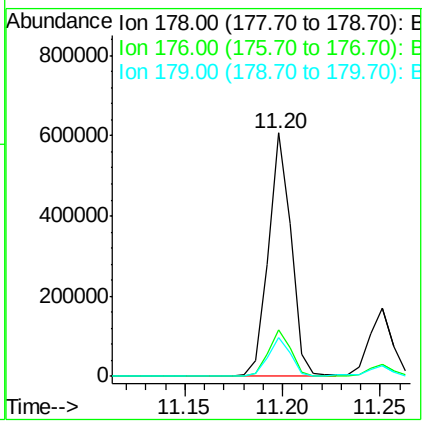


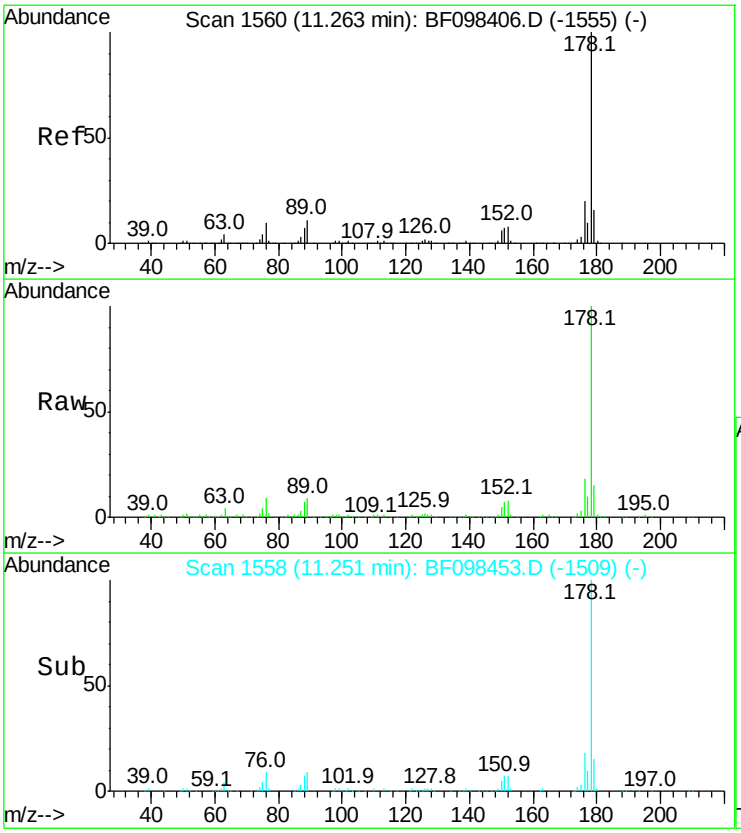
#70
Phenanthrene
Concen: 15.362 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:178 Resp: 486620

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.8	12.6	19.0

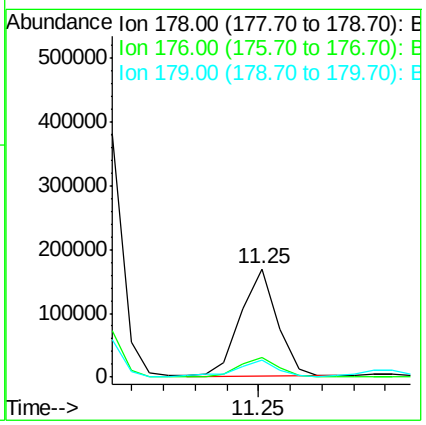


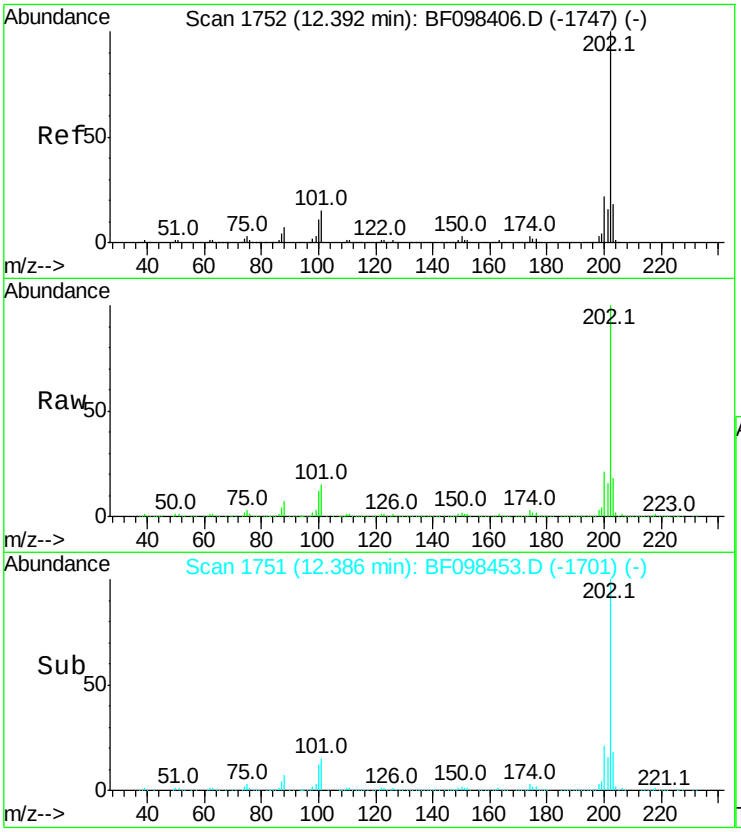


#71
Anthracene
Concen: 4.149 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:178 Resp: 134936

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.5	12.7	19.1



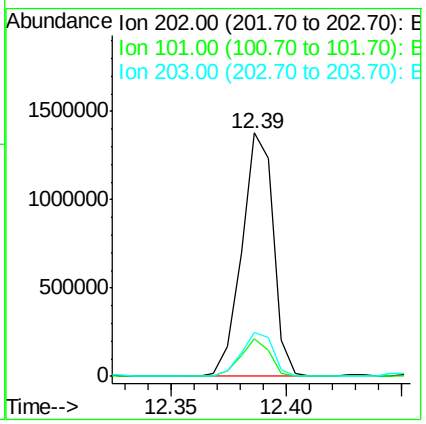


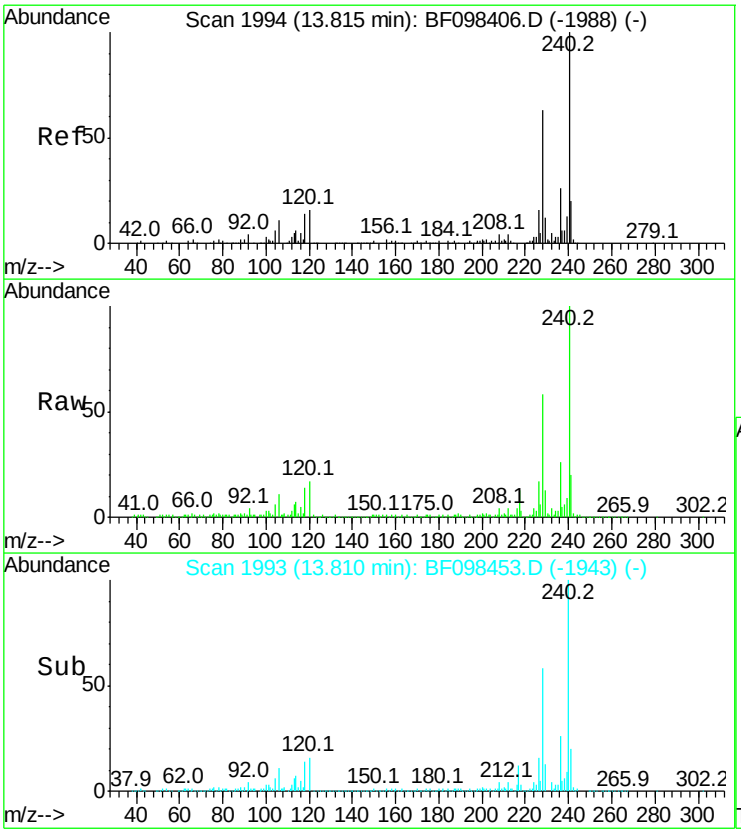
#74
Fluoranthene
Concen: 41.386 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:202 Resp: 1312411

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.2
203	18.0	0.0	38.1

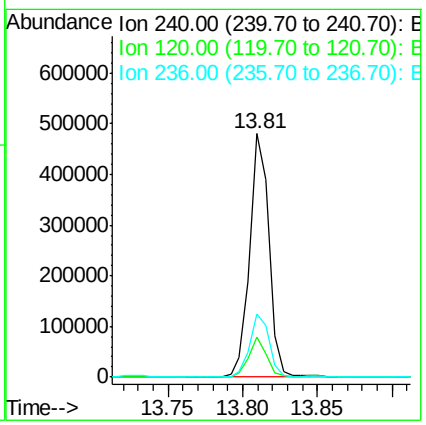


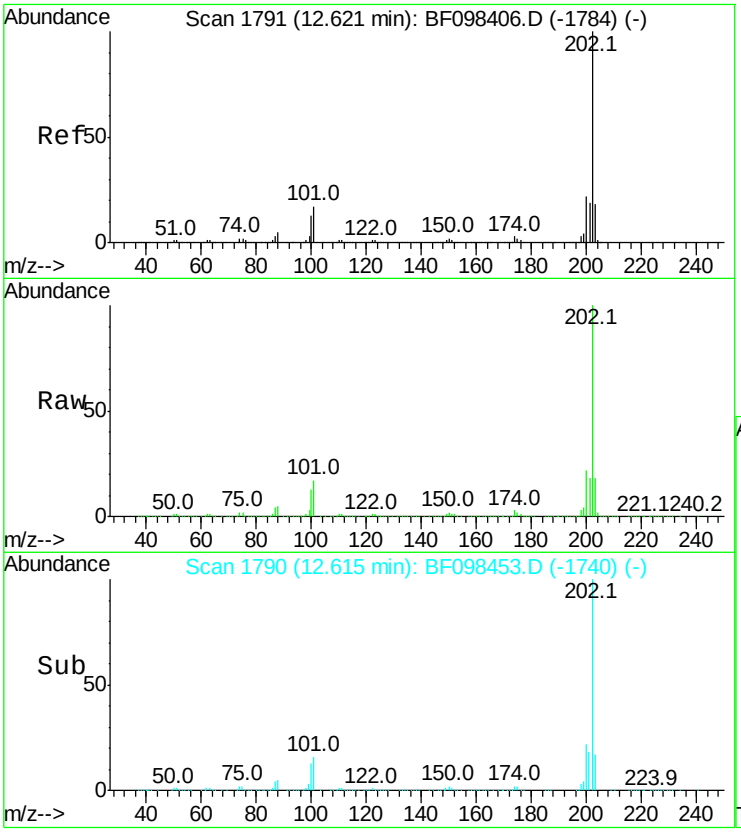


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:240 Resp: 426160

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	26.0	20.5	30.7



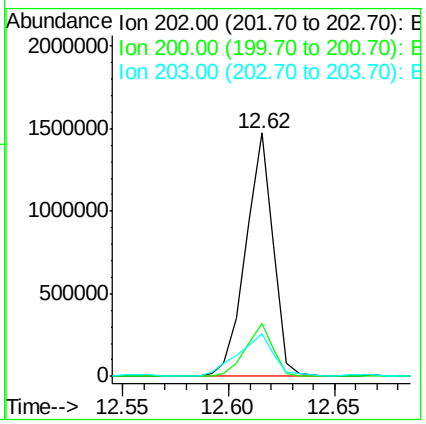


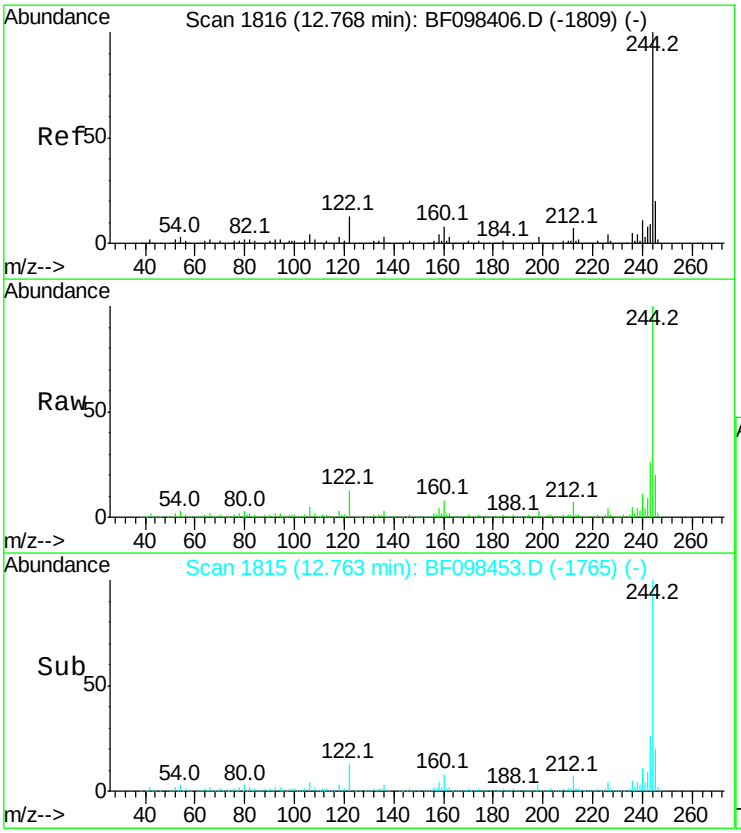
#77
Pyrene
Concen: 39.625 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:202 Resp: 1332138

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.7	14.4	21.6

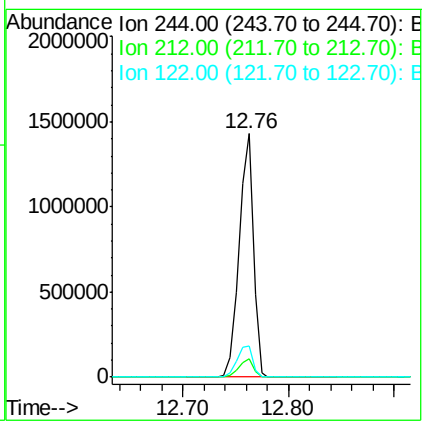


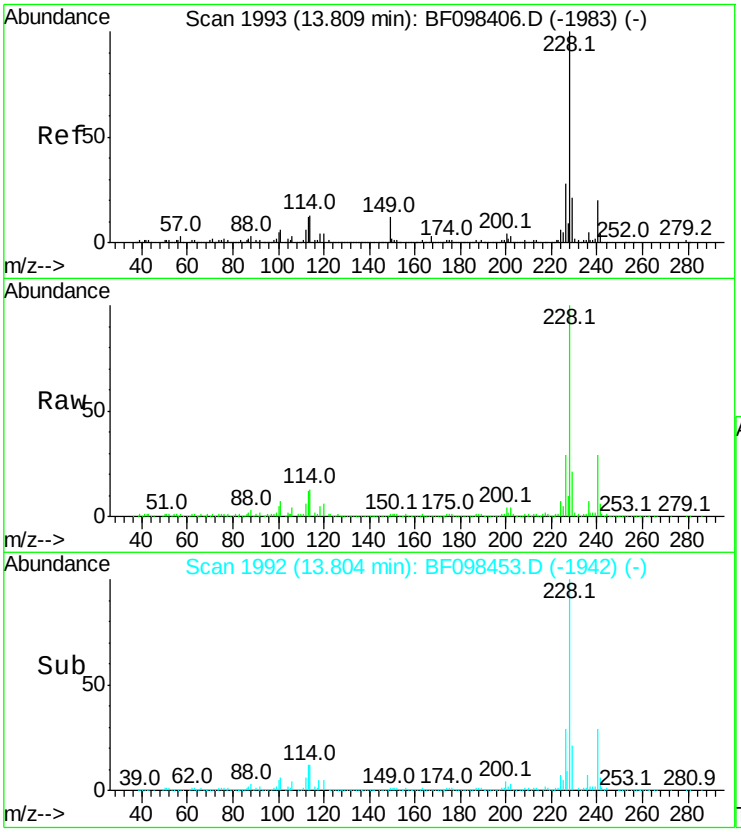


#78
Terphenyl-d14
Concen: 66.627 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:244 Resp: 1315455

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.7	10.3	15.5



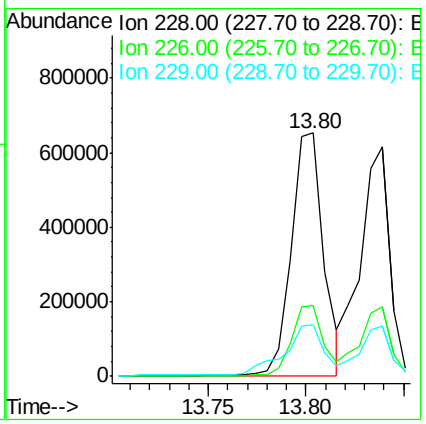


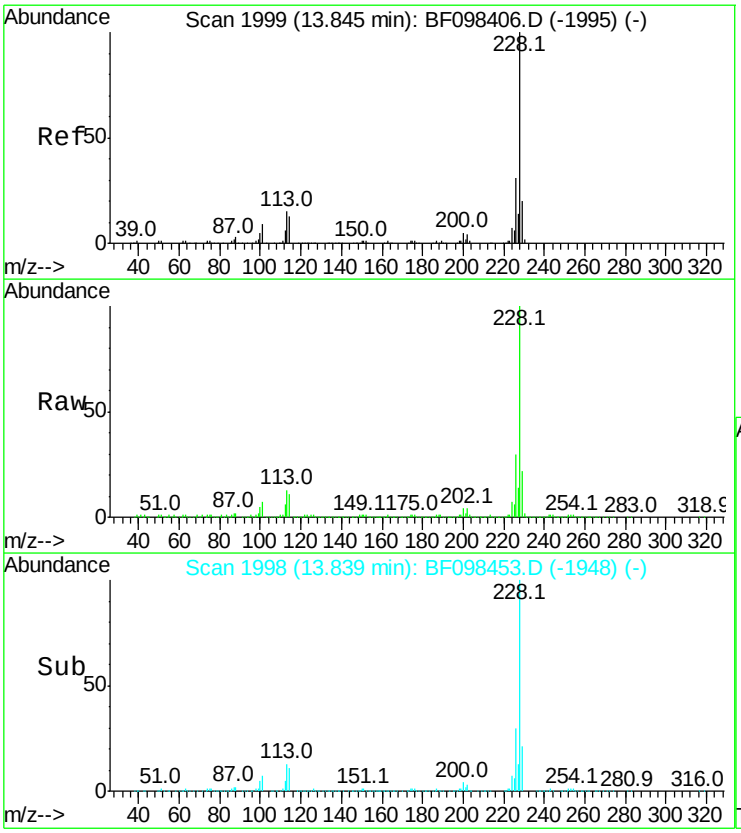
#80
Benzo(a)anthracene
Concen: 29.750 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:228 Resp: 743312

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.4	16.3	24.5

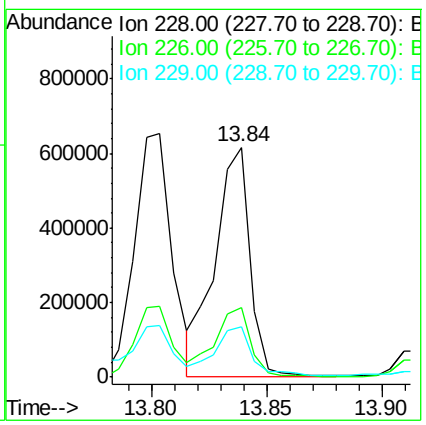


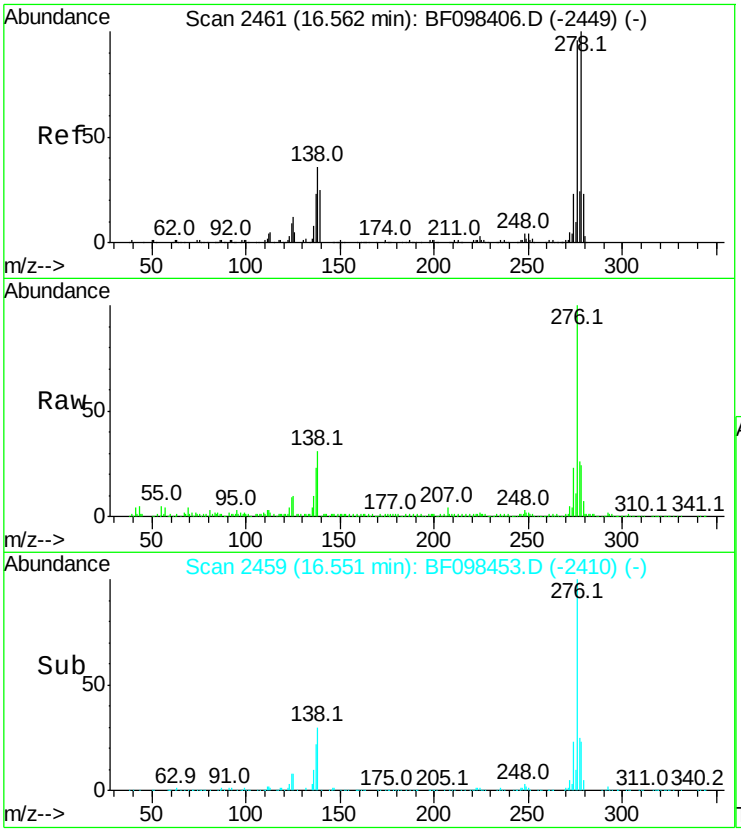


#82
Chrysene
Concen: 25.711 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:228 Resp: 649351

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.7	15.8	23.6



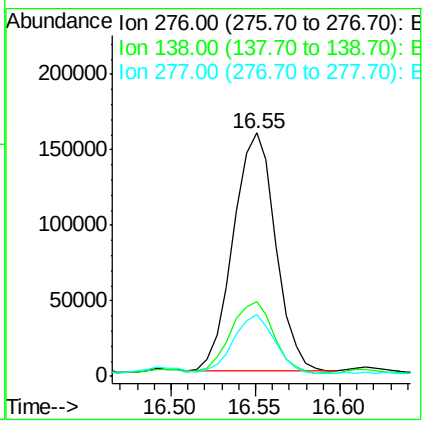


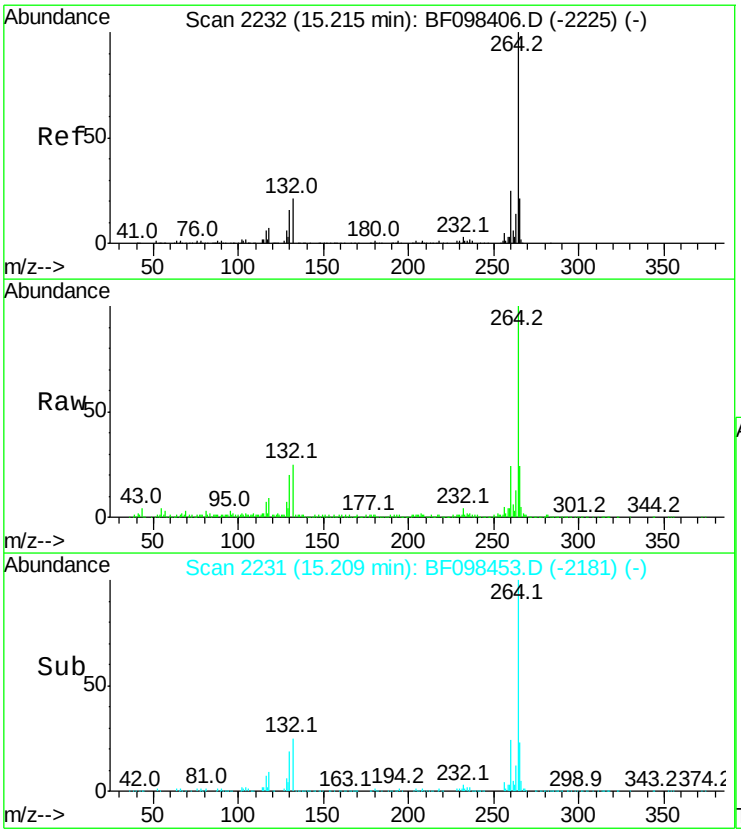
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.586 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:276 Resp: 276167

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	24.4	20.2	30.4

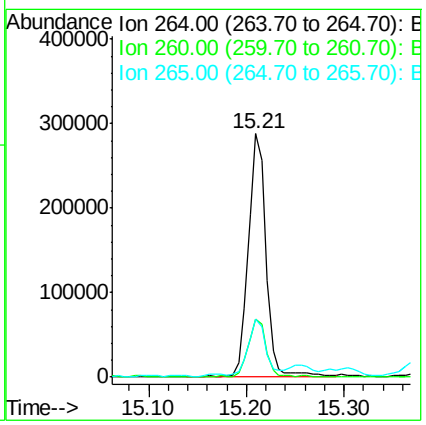


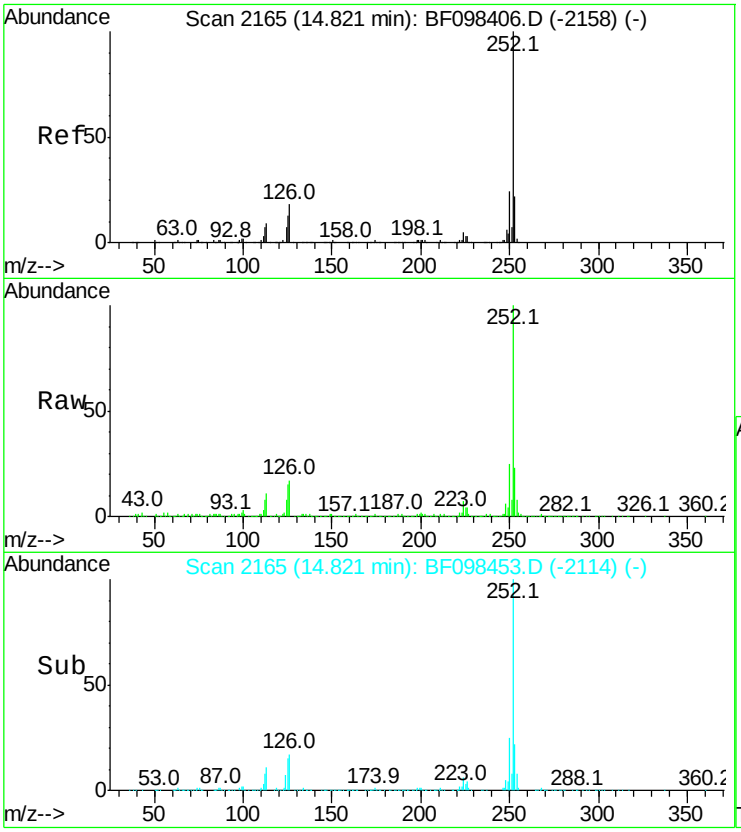


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:264 Resp: 363115

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	23.8	17.2	25.8



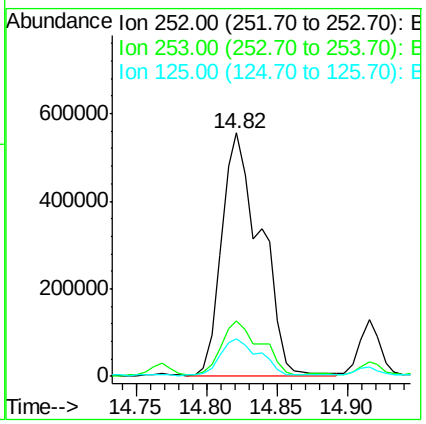


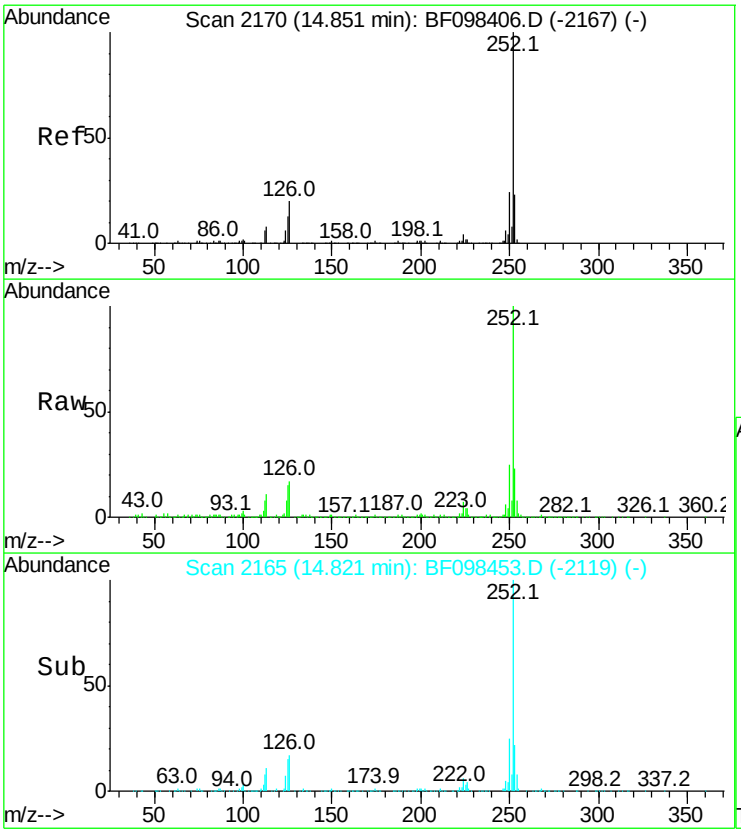
#87
Benzo(b)fluoranthene
Concen: 46.579 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:252 Resp: 1063482

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	15.4	9.8	14.8#

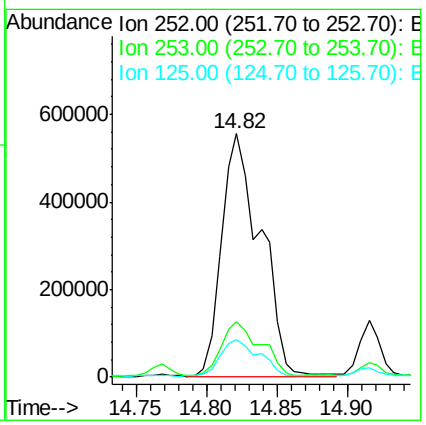


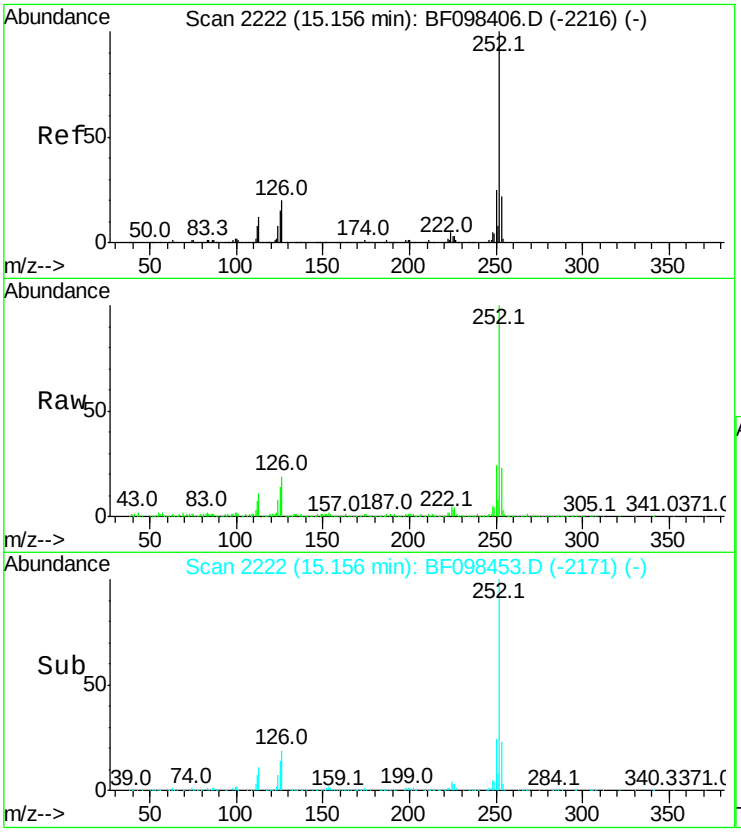


#88
Benzo(k)fluoranthene
Concen: 49.894 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:252 Resp: 1063482

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	15.4	13.1	19.7



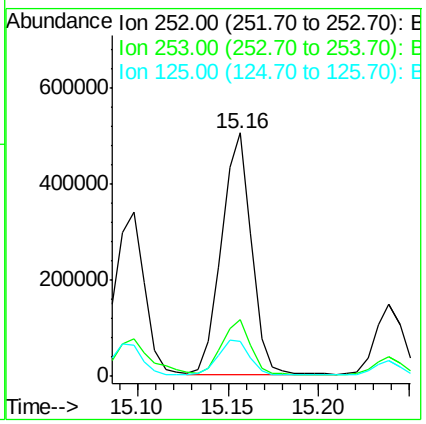


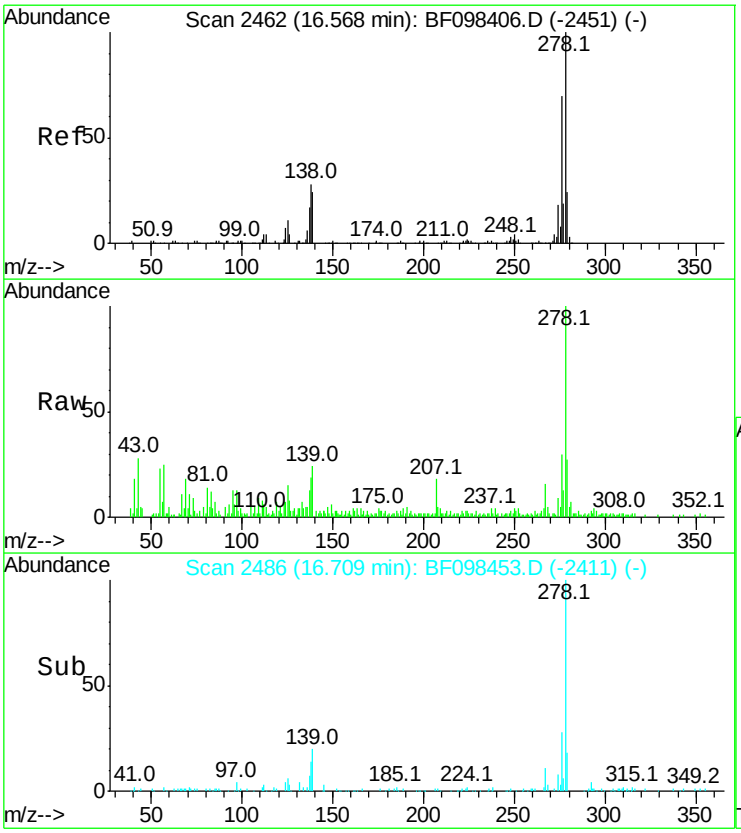
#89
Benzo(a)pyrene
Concen: 28.628 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:252 Resp: 582307

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.4	11.0	16.4

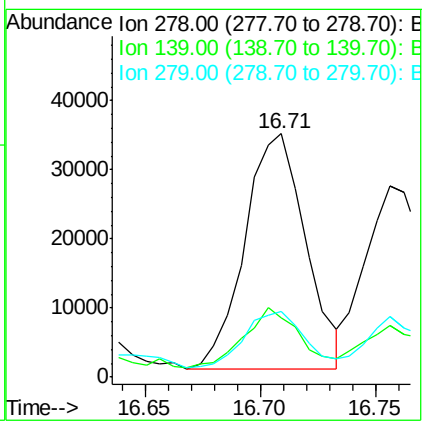


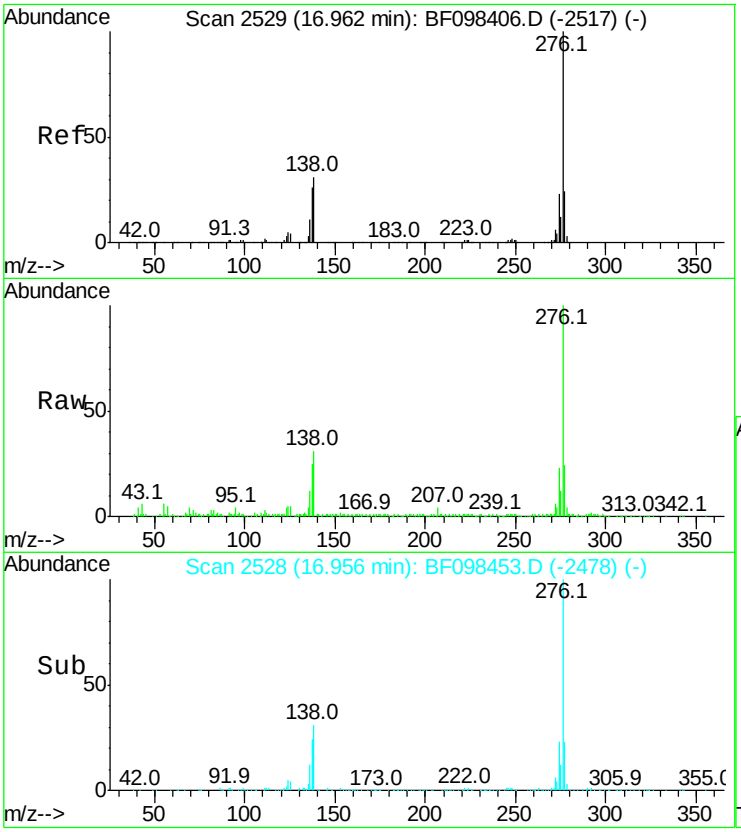


#90
Dibenzo(a,h)anthracene
Concen: 4.209 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.14 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Tgt Ion:278 Resp: 62278

Ion	Ratio	Lower	Upper
278	100		
139	24.4	16.6	24.8
279	27.1	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 18.278 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF098453.D
Acq: 12 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMPRE

Tgt Ion:276 Resp: 272028

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	31.4	25.4	38.0