Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098606.D
Acq On : 18 Sep 2017 17:08
Operator : SJ/JU
Sample : I5249-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 05:34:55 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	6.63	152	114600	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	463677	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	198361	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	310752	20.00	ng		0.00
75) Chrysene-d12	13.79	240	193483	20.00	ng		0.00
86) Perylene-d12	15.18	264	177316	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	823650	106.26	ng		0.00
7) Phenol-d6	6.29	99	1070669	108.80	ng		0.00
23) Nitrobenzene-d5	7.20	82	662791	79.69	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	143546	108.43	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	931118	79.56	ng		0.00
78) Terphenyl-d14	12.73	244	574510	64.09	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.30	94	35047	3.066	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	91269	14.744	ng	#	83
25) Isophorone	7.20	82	662783	39.386	ng	#	67
32) Benzoic acid	7.75	122	131	7.992	ng	#	35
49) Dimethylphthalate	9.39	163	162449	10.580	ng		99
64) 4,6-Dinitro-2-methylphenol	10.46	198	472	5.186	ng	#	1
66) 4-Bromophenyl-phenylether	10.46	248	10971	3.720	ng	#	1
70) Phenanthrene	11.17	178	42562	2.584	ng		98
74) Fluoranthene	12.36	202	83946	5.090	ng		97
77) Pyrene	12.59	202	85887	5.627	ng		97
80) Benzo(a)anthracene	13.77	228	39666	3.497	ng		92
82) Chrysene	13.81	228	44382	3.871	ng		97
83) Bis(2-ethylhexyl)phthalate	13.76	149	57476	6.916	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	18446	2.293	ng		95
87) Benzo(b)fluoranthene	14.79	252	67541	6.058	ng	#	94
88) Benzo(k)fluoranthene	14.79	252	67541	6.489	ng		98
89) Benzo(a)pyrene	15.12	252	38480	3.874	ng	#	95
91) Benzo(g,h,i)perylene	16.91	276	20964	2.885	ng	#	92

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

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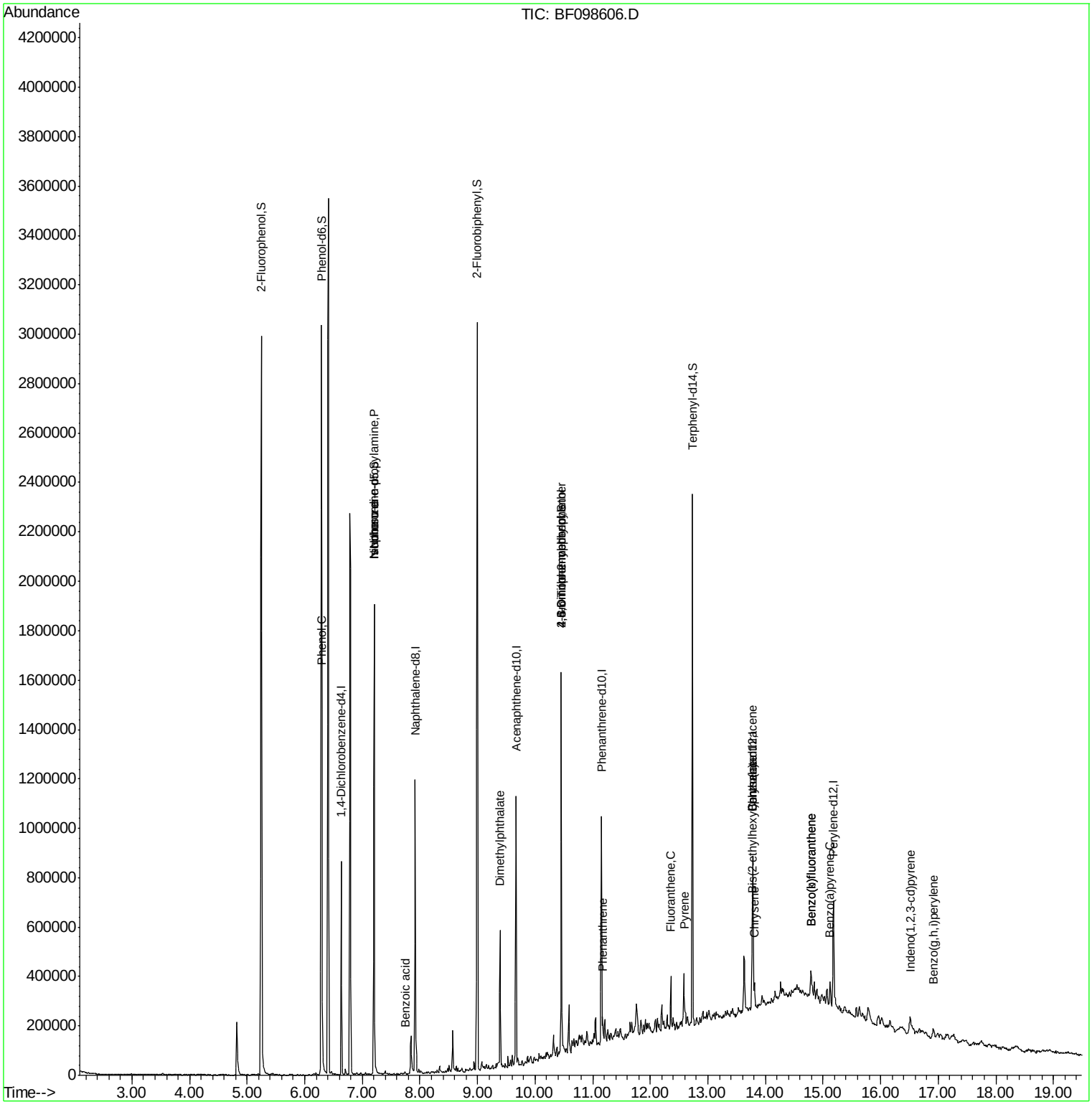
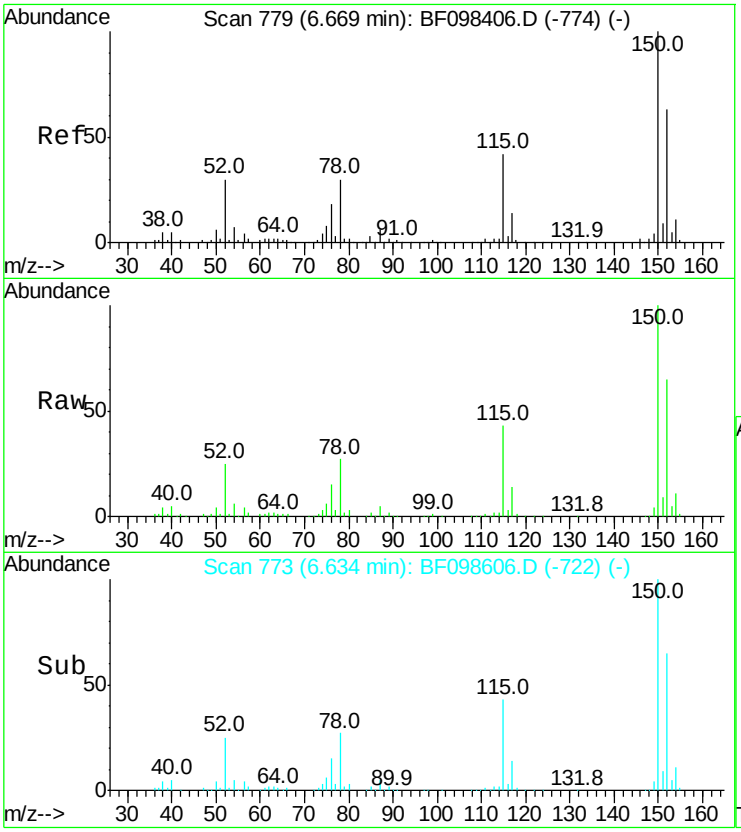


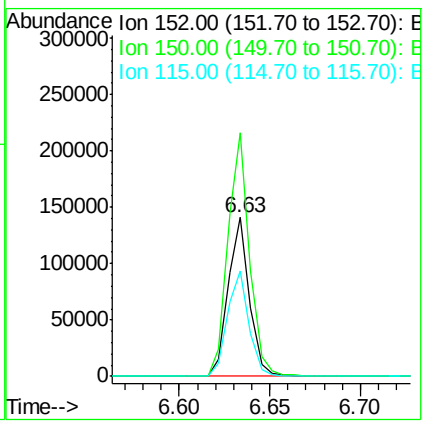


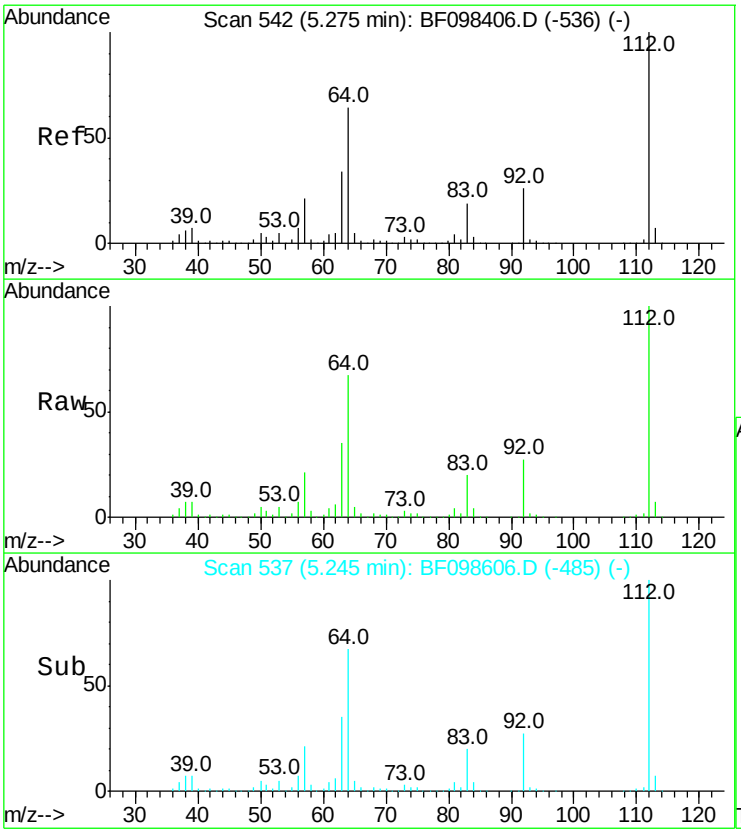
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114600

Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	66.1	52.2	78.2

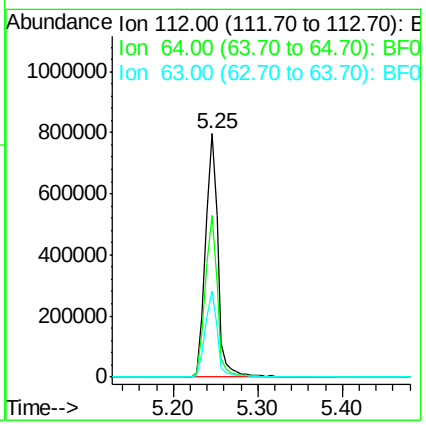


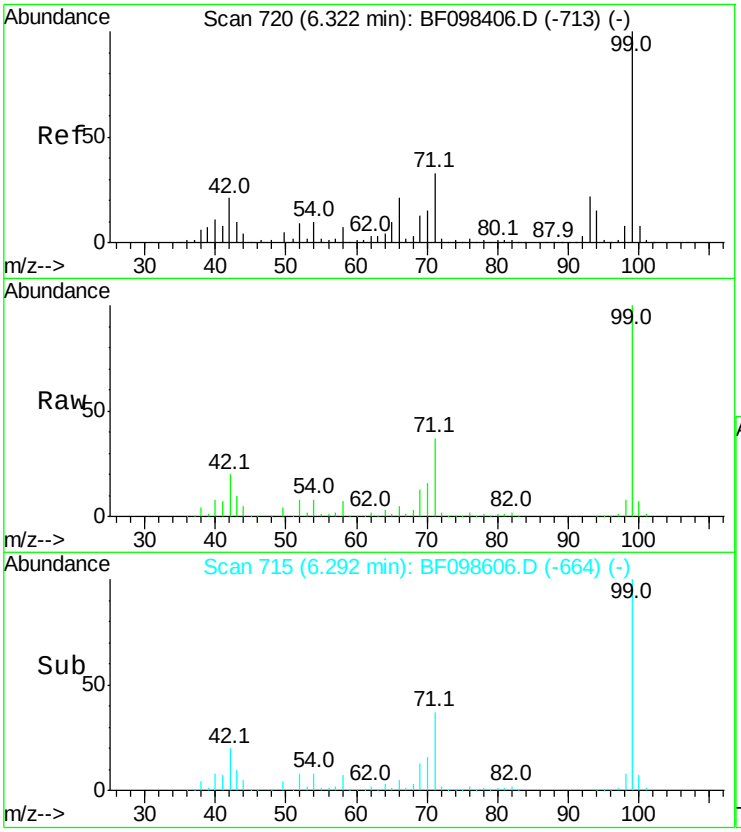


#5
2-Fluorophenol
Concen: 106.264 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:112 Resp: 823650

Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.0	69.0
63	35.5	23.4	35.0#



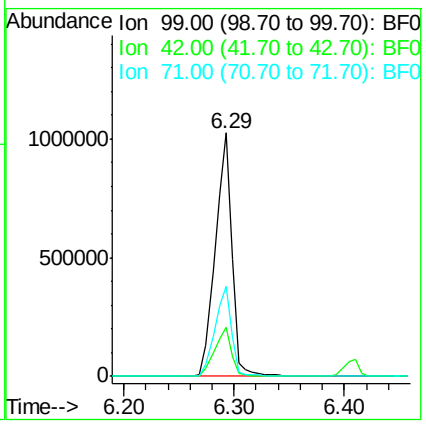


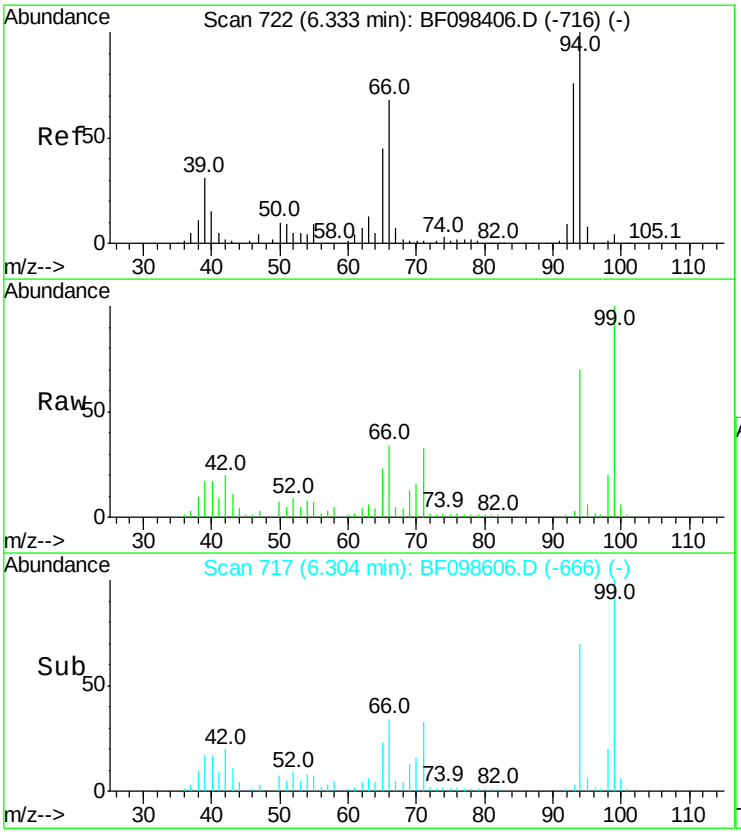
#7
Phenol-d6
Concen: 108.795 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1070669

Ion	Ratio	Lower	Upper
99	100		
42	20.4	13.5	20.3#
71	37.1	24.5	36.7#

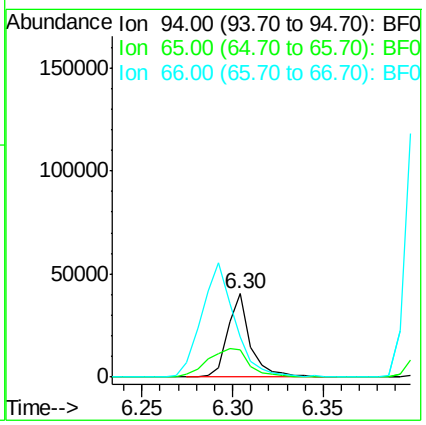


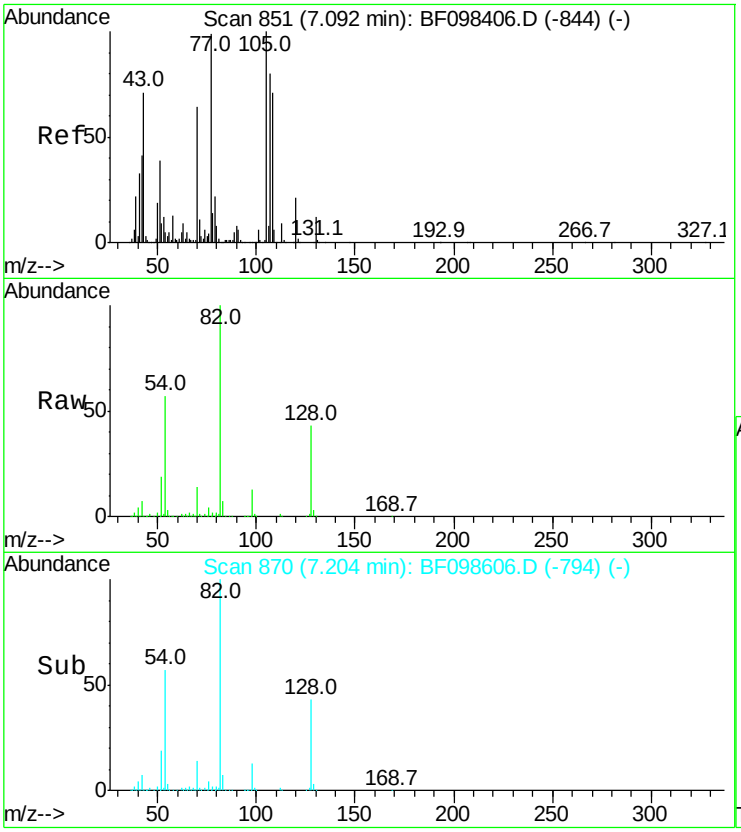


#10
Phenol
Concen: 3.066 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion: 94 Resp: 35047

Ion	Ratio	Lower	Upper
94	100		
65	32.8	9.9	49.9
66	49.0	23.1	63.1



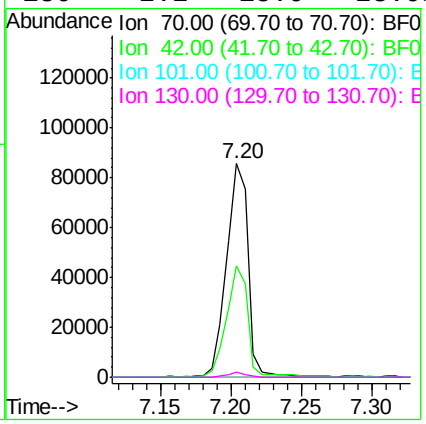


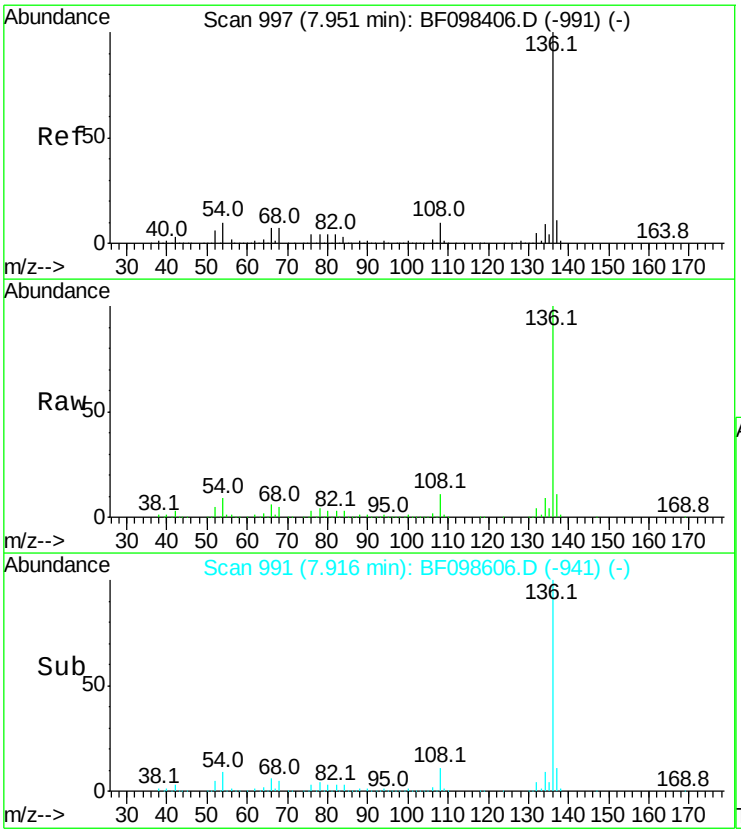
#19
n-Nitroso-di-n-propylamine
Concen: 14.744 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.15 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 91269

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

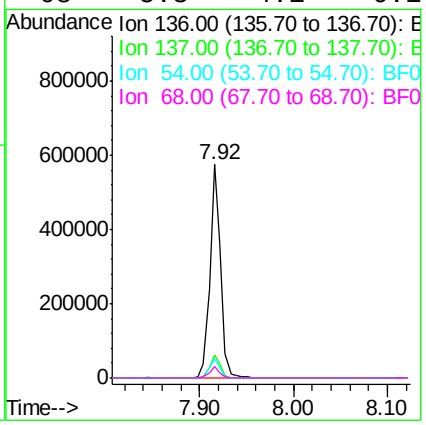


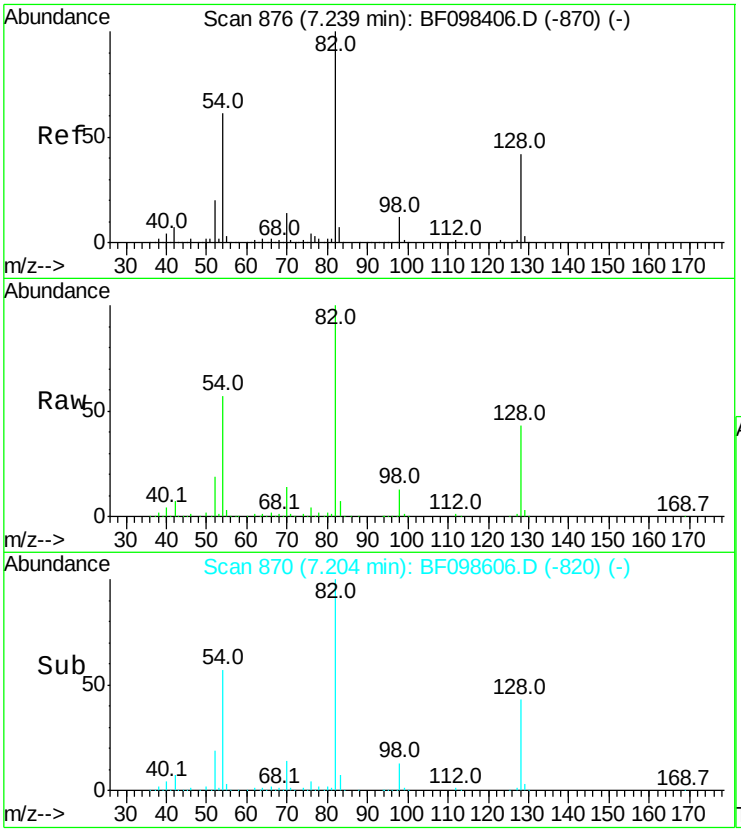


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:136 Resp: 463677

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.2	4.9	7.3#
68	5.3	4.1	6.1



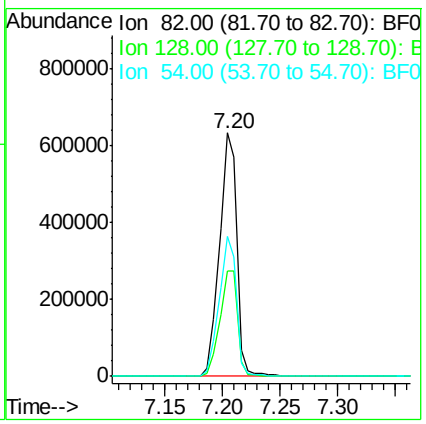


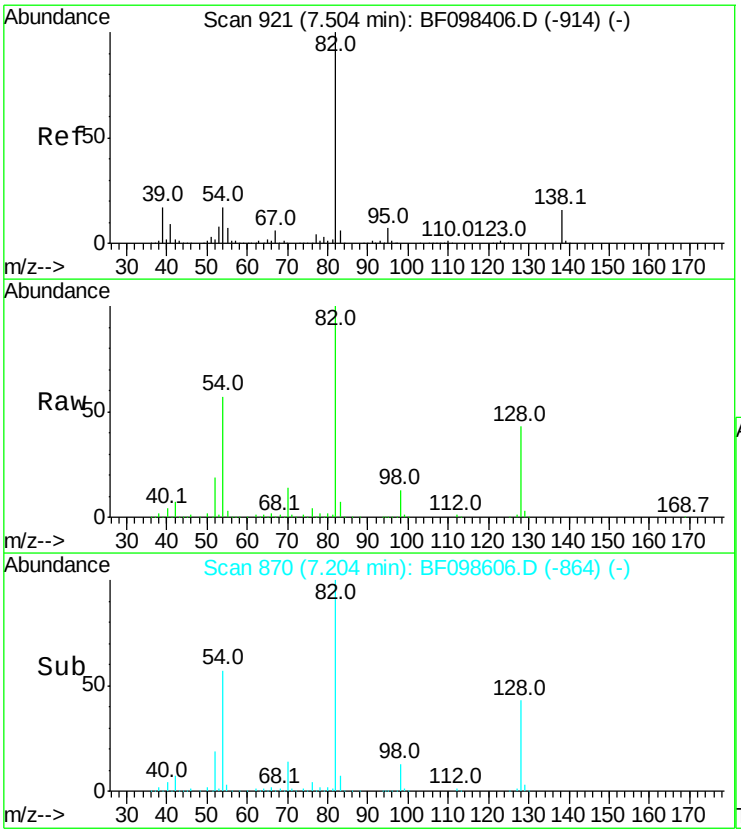
#23
Nitrobenzene-d5
Concen: 79.690 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 662791

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	57.3	42.2	63.2

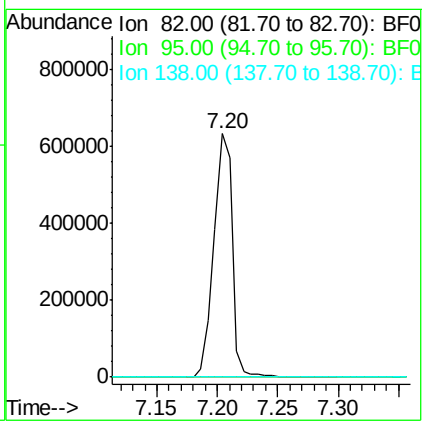


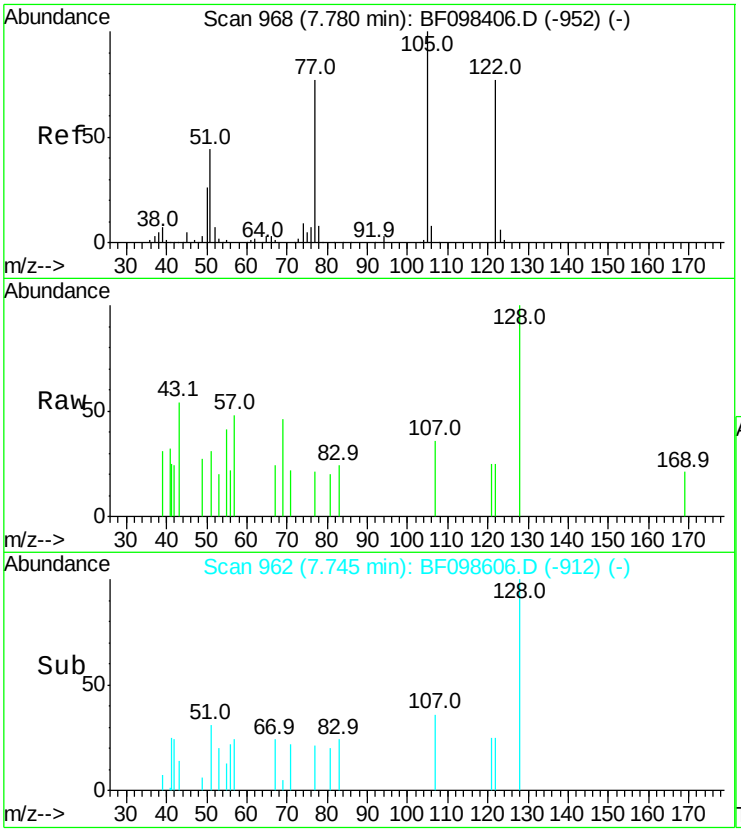


#25
Isophorone
Concen: 39.386 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.26 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion: 82 Resp: 662783

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



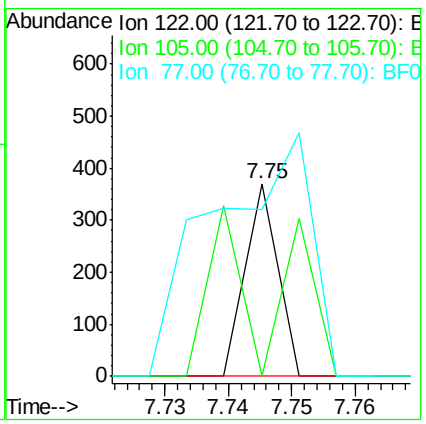


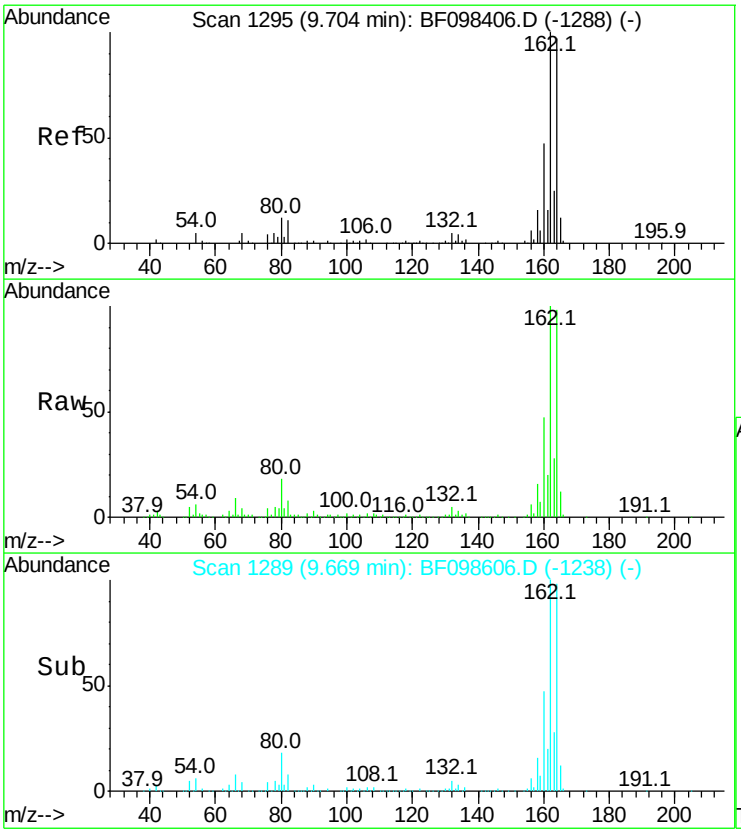
#32
Benzoic acid
Concen: 7.992 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 131

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	86.8	73.7	113.7

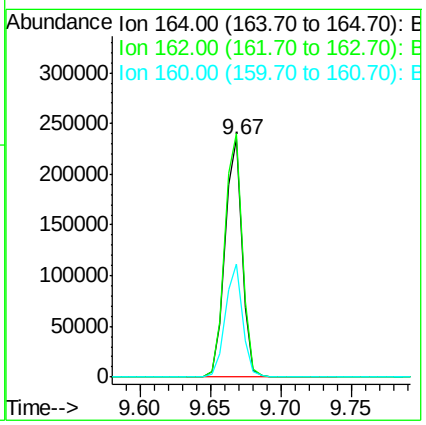


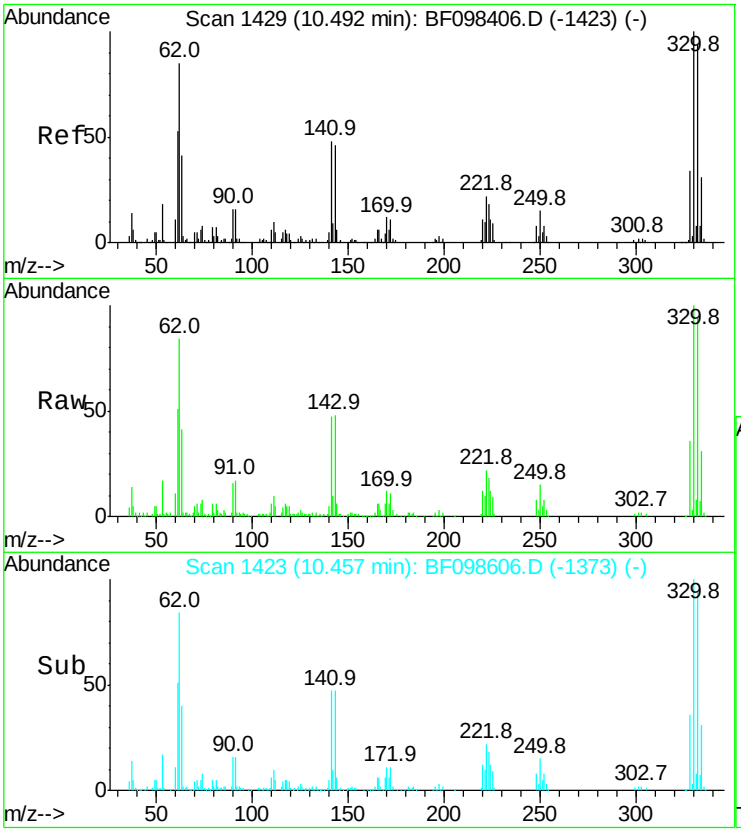


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:164 Resp: 198361

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	47.6	36.2	54.2



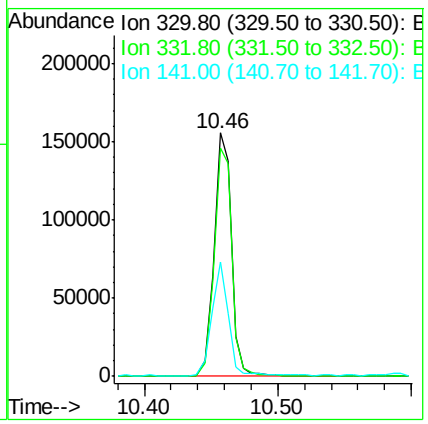


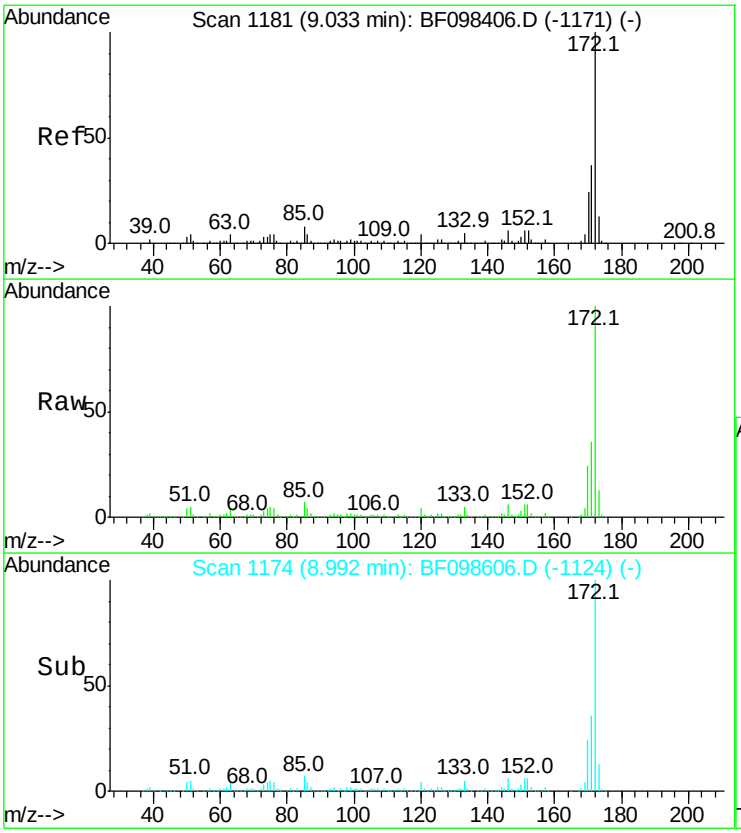
#41
2,4,6-Tribromophenol
Concen: 108.427 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 143546

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	43.7	31.4	47.2

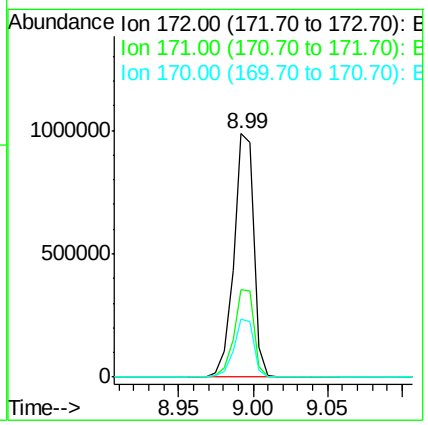


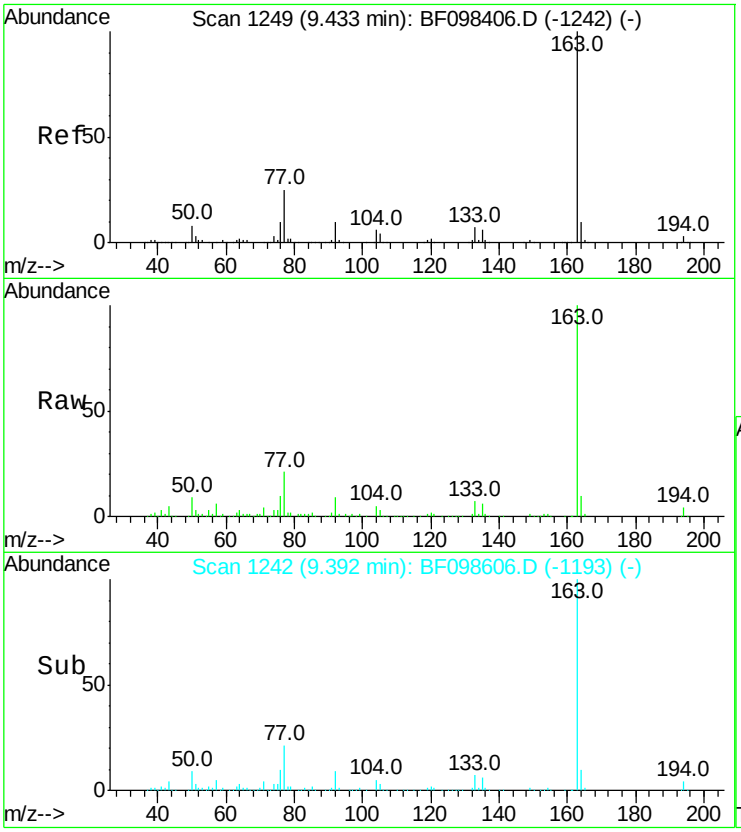


#44
2-Fluorobiphenyl
Concen: 79.560 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:172 Resp: 931118

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	19.8	29.8



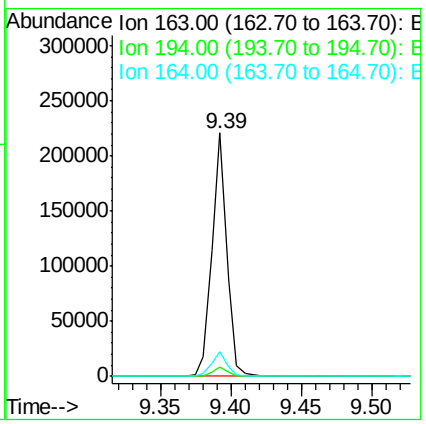


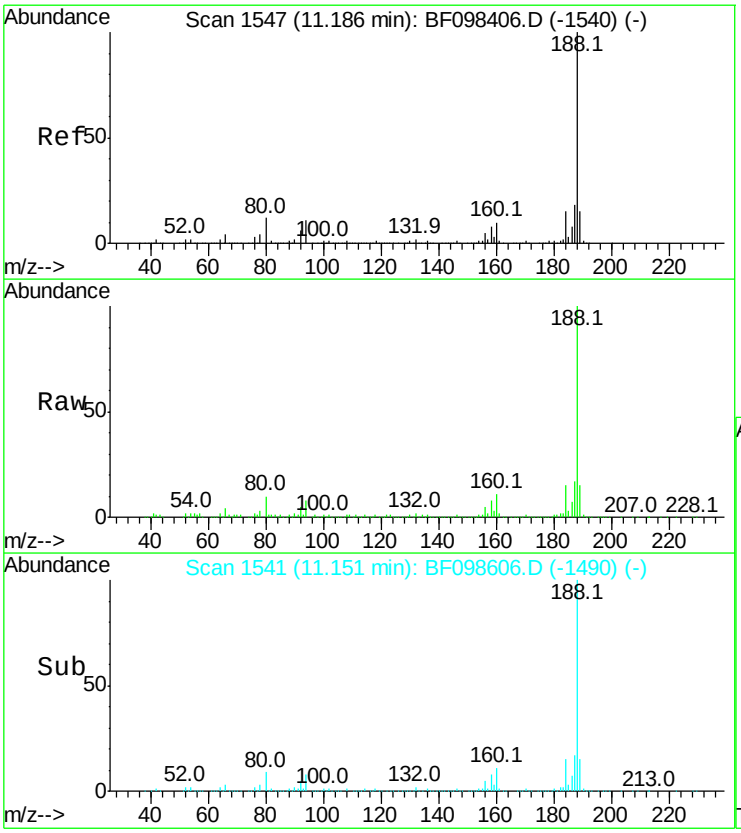
#49
Dimethylphthalate
Concen: 10.580 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 162449

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6

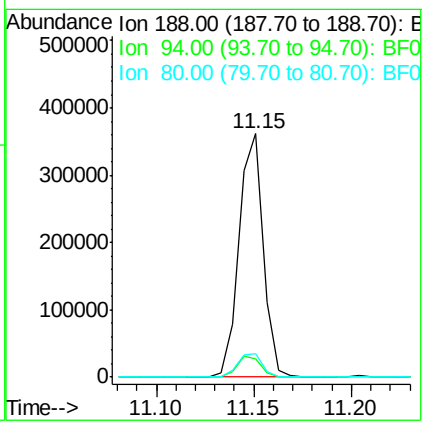


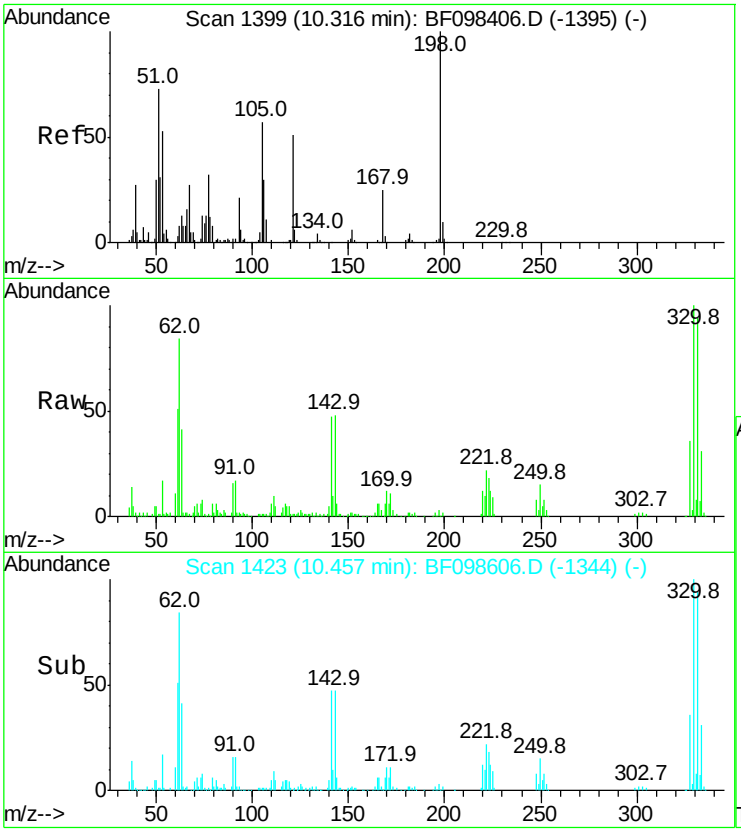


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:188 Resp: 310752

Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.4	14.2#
80	9.6	10.2	15.2#



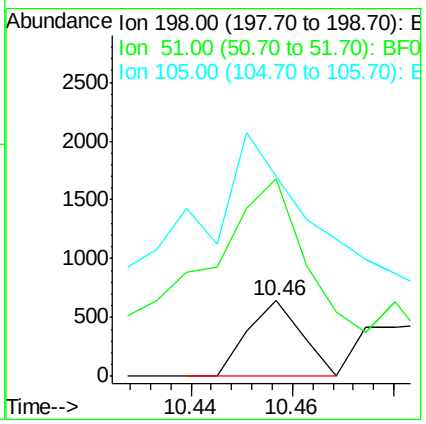


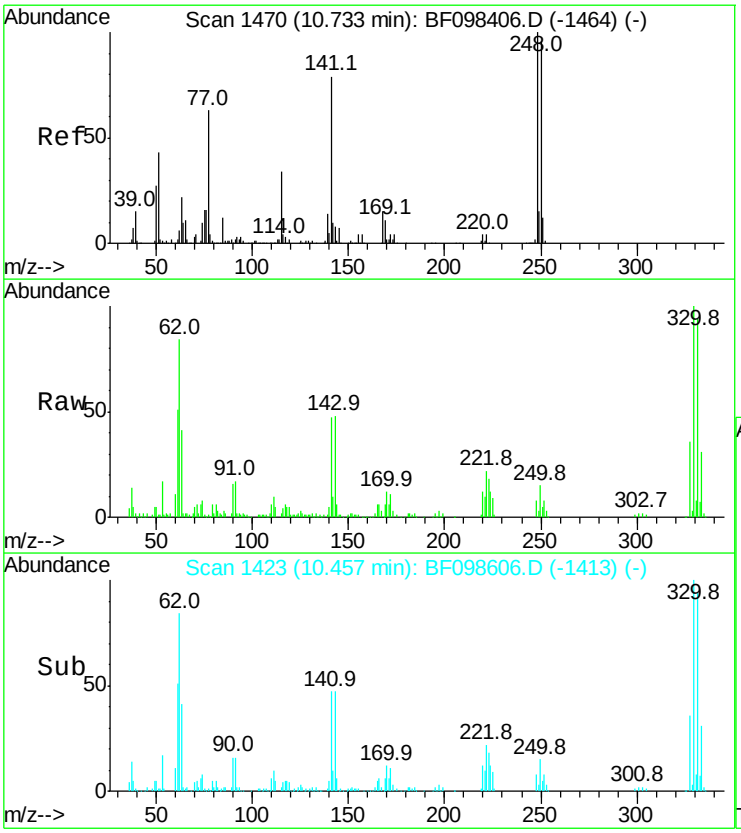
#64
4,6-Dinitro-2-methylphenol
Concen: 5.186 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.16 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 472

Ion	Ratio	Lower	Upper
198	100		
51	260.1	53.2	93.2#
105	264.0	45.8	85.8#

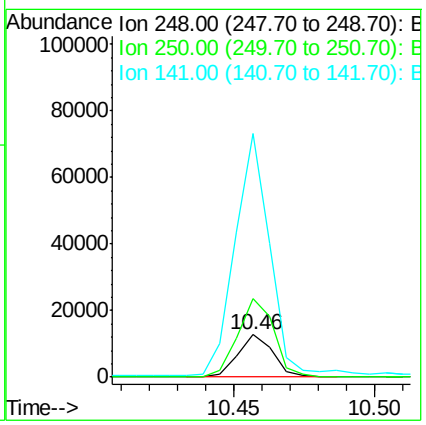


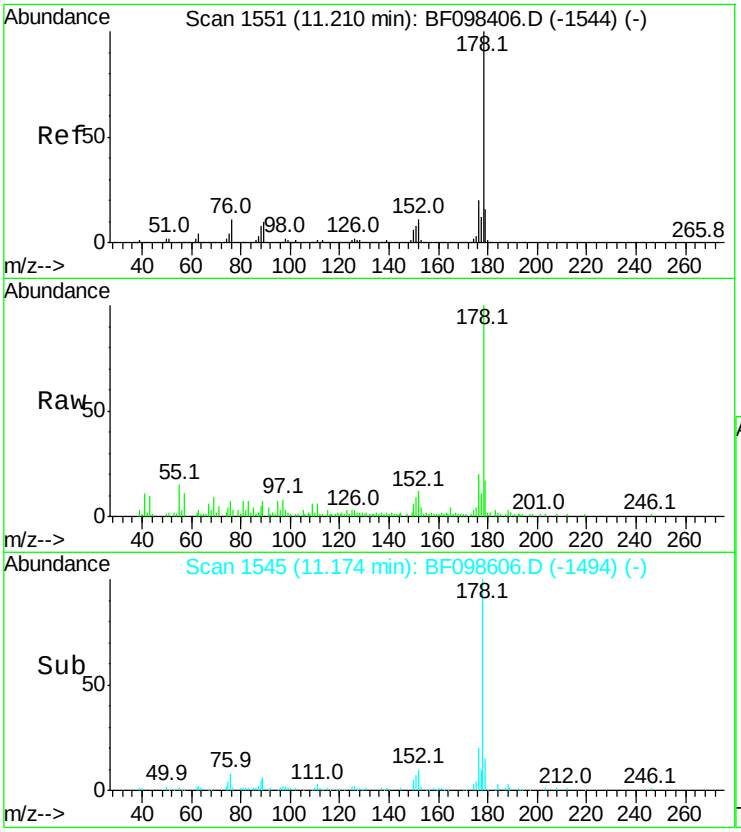


#66
4-Bromophenyl-phenylether
Concen: 3.720 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.24 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:248 Resp: 10971

Ion	Ratio	Lower	Upper
248	100		
250	186.9	76.8	115.2#
141	576.2	68.6	103.0#



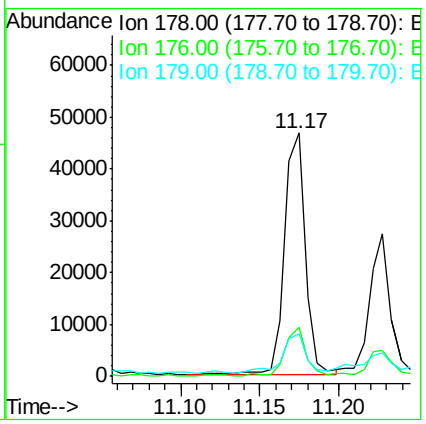


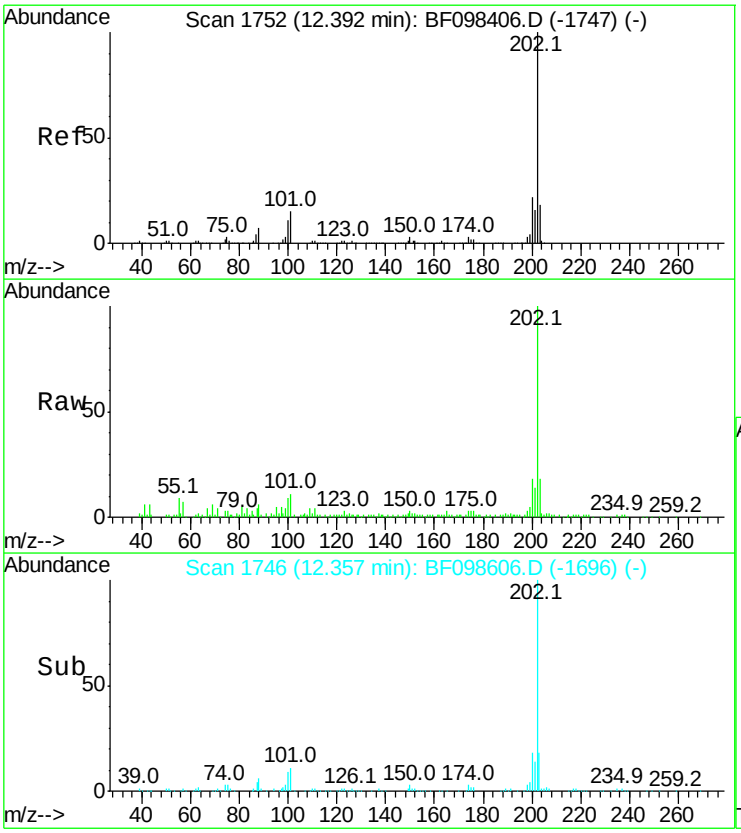
#70
Phenanthrene
Concen: 2.584 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 42562

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	17.5	12.6	19.0

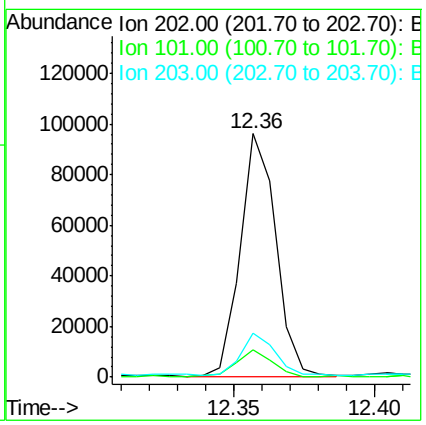


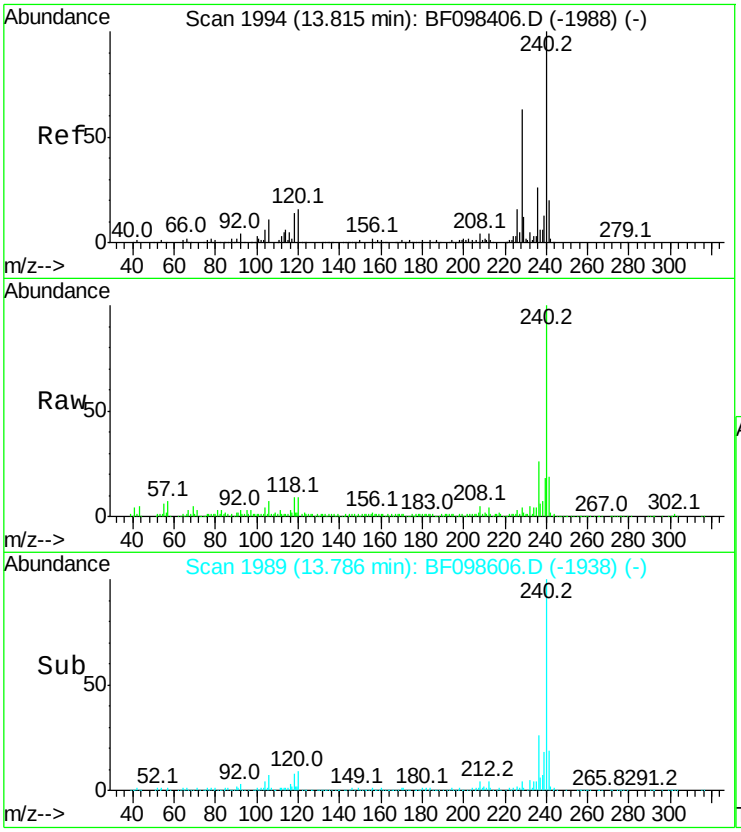


#74
Fluoranthene
Concen: 5.090 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:202 Resp: 83946

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.2
203	18.3	0.0	38.1



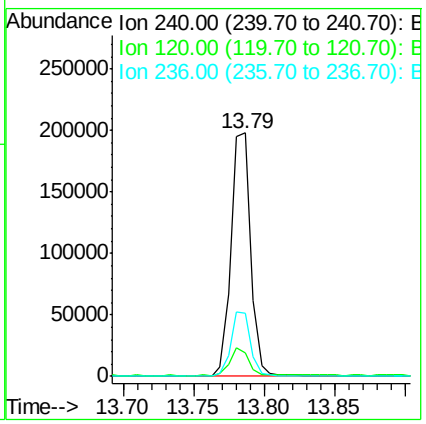


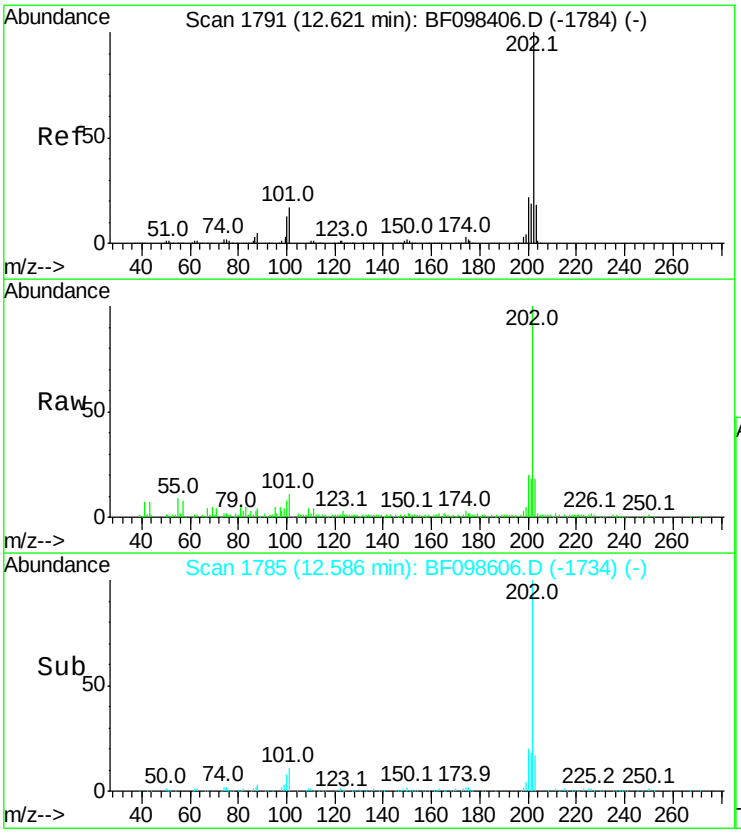
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 193483

Ion	Ratio	Lower	Upper
240	100		
120	9.4	5.8	8.8#
236	26.0	20.5	30.7

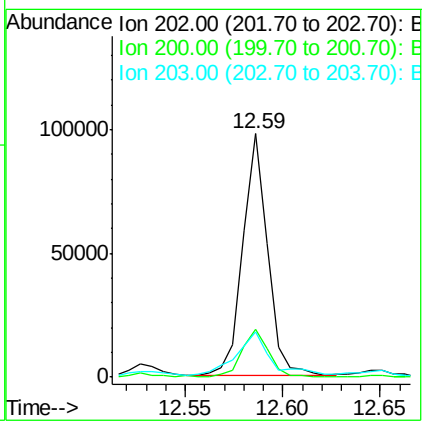


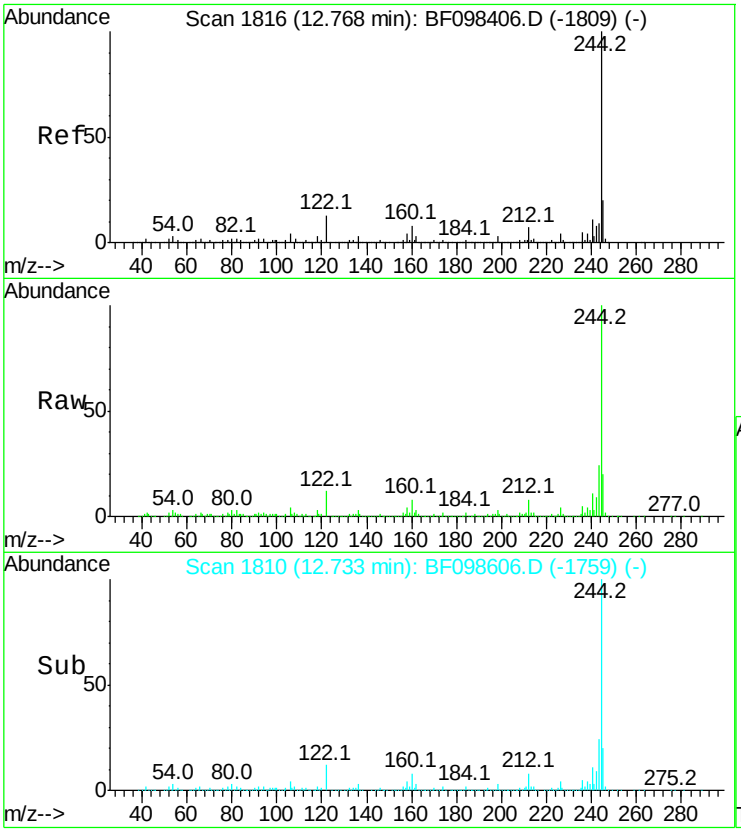


#77
Pyrene
Concen: 5.627 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:202 Resp: 85887

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	18.5	14.4	21.6



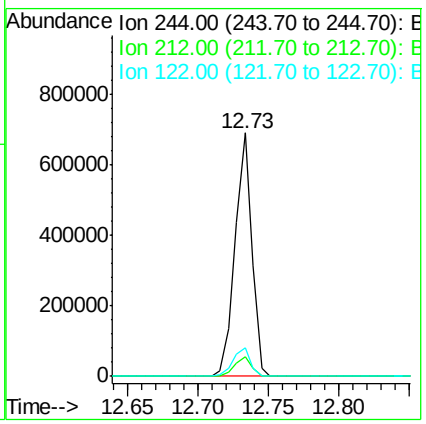


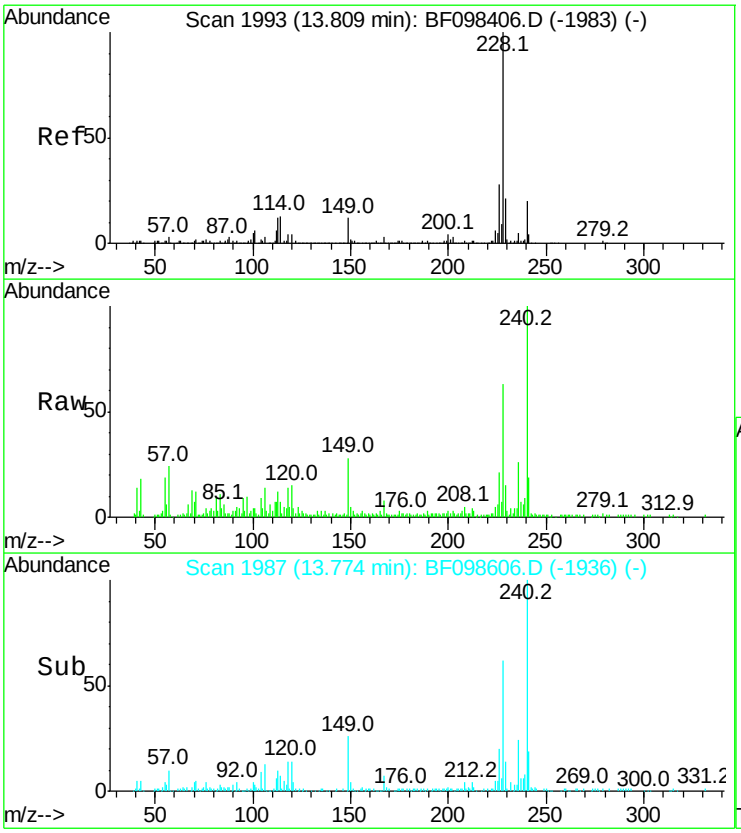
#78
Terphenyl-d14
Concen: 64.091 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 574510

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	11.6	10.3	15.5

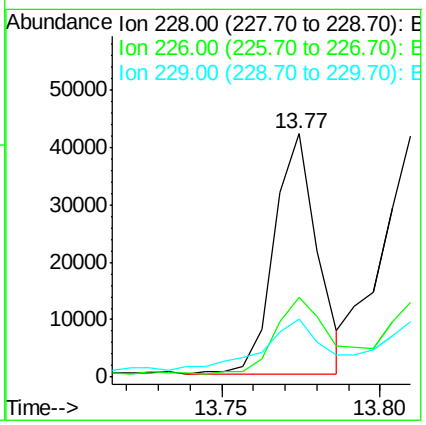


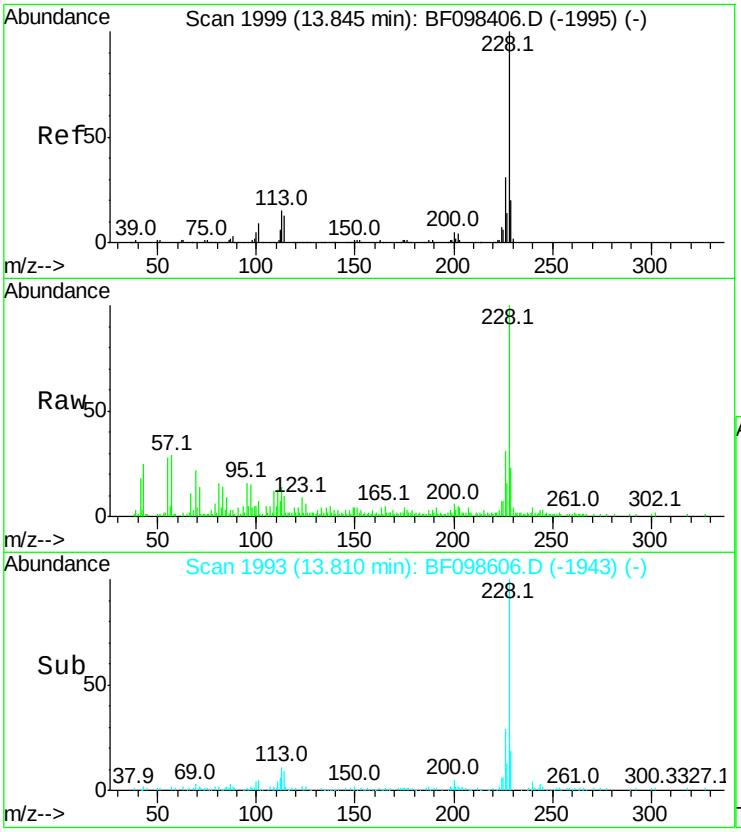


#80
Benzo(a)anthracene
Concen: 3.497 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:228 Resp: 39666

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	33.8
229	24.1	16.3	24.5



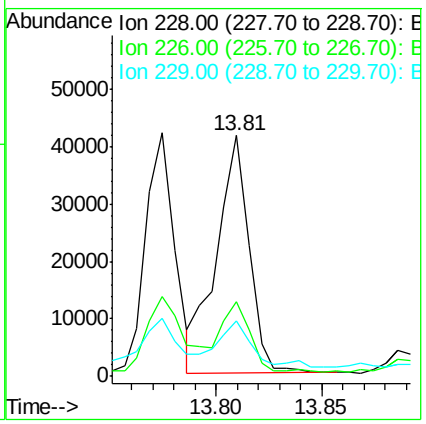


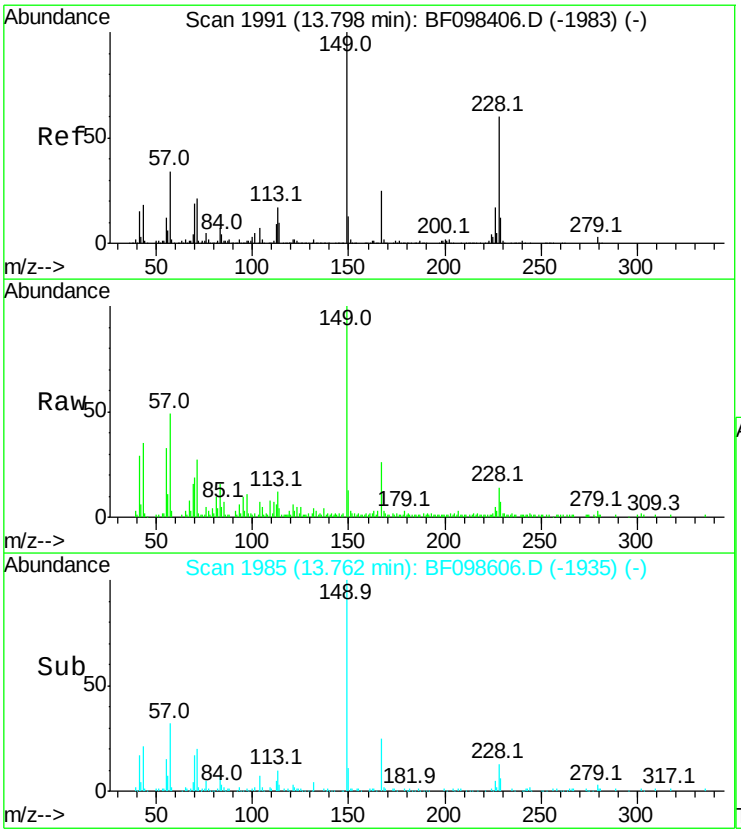
#82
Chrysene
Concen: 3.871 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 44382

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	22.8	15.8	23.6

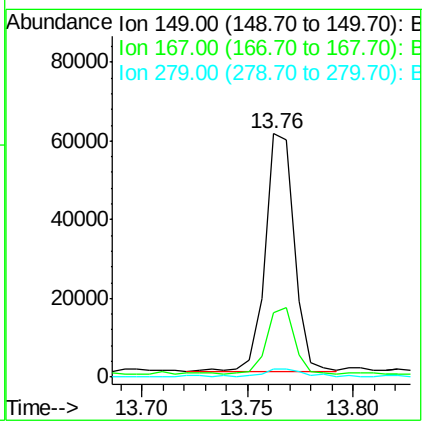


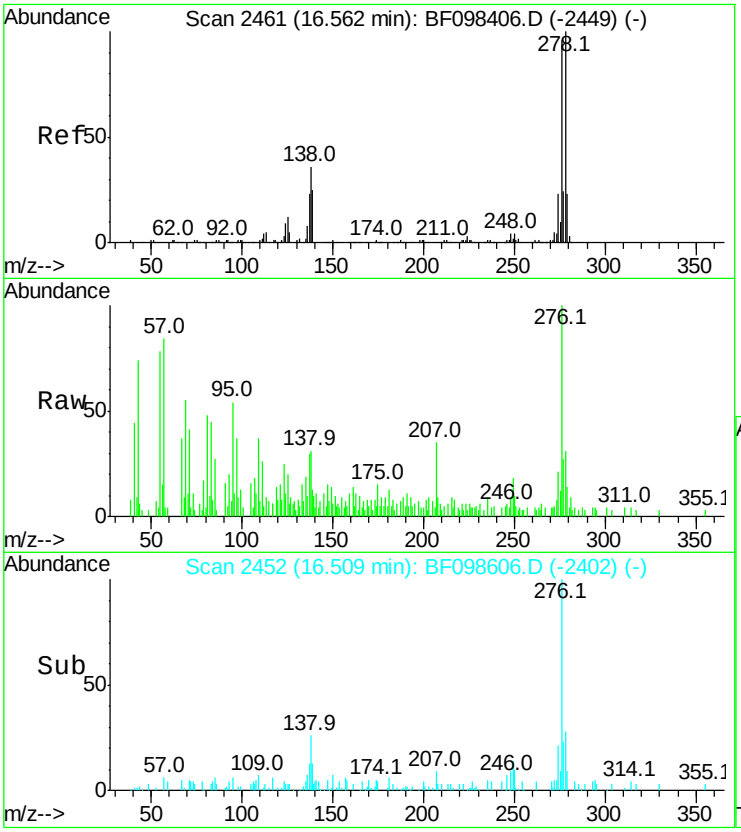


#83
Bis(2-ethylhexyl)phthalate
Concen: 6.916 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:149 Resp: 57476

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.2	1.9	2.9#



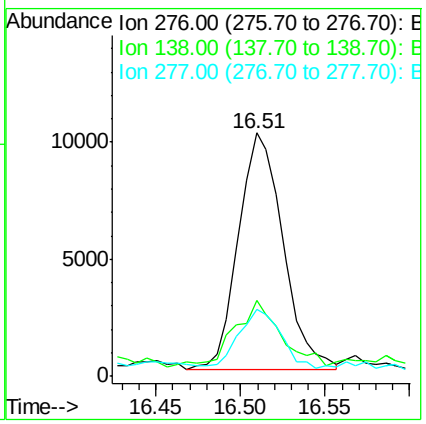


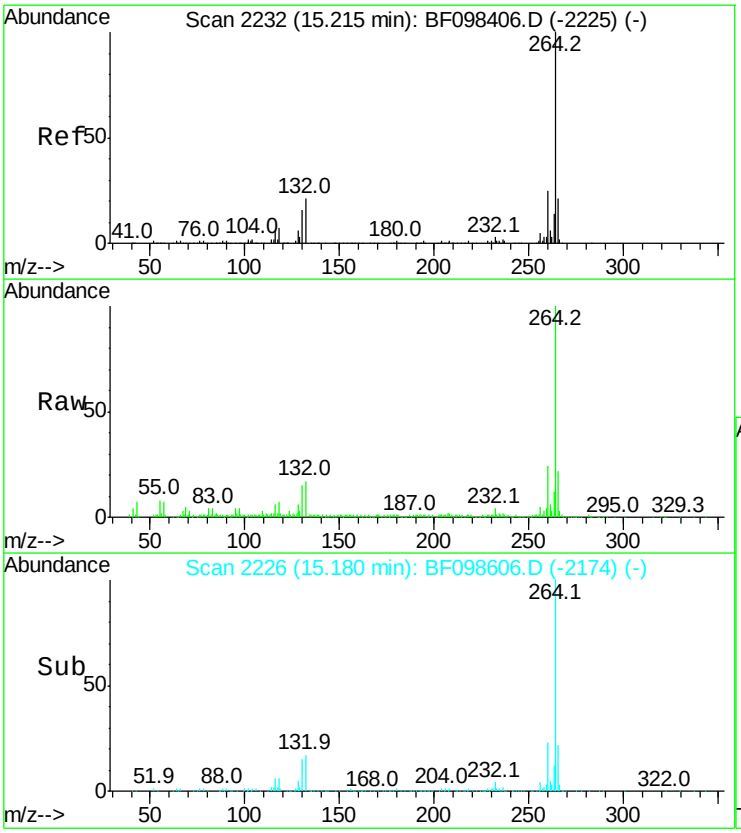
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.293 ng
RT: 16.51 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 18446

Ion	Ratio	Lower	Upper
276	100		
138	30.5	27.8	41.6
277	26.8	20.2	30.4

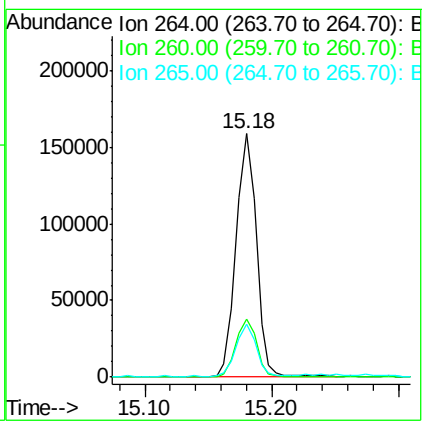


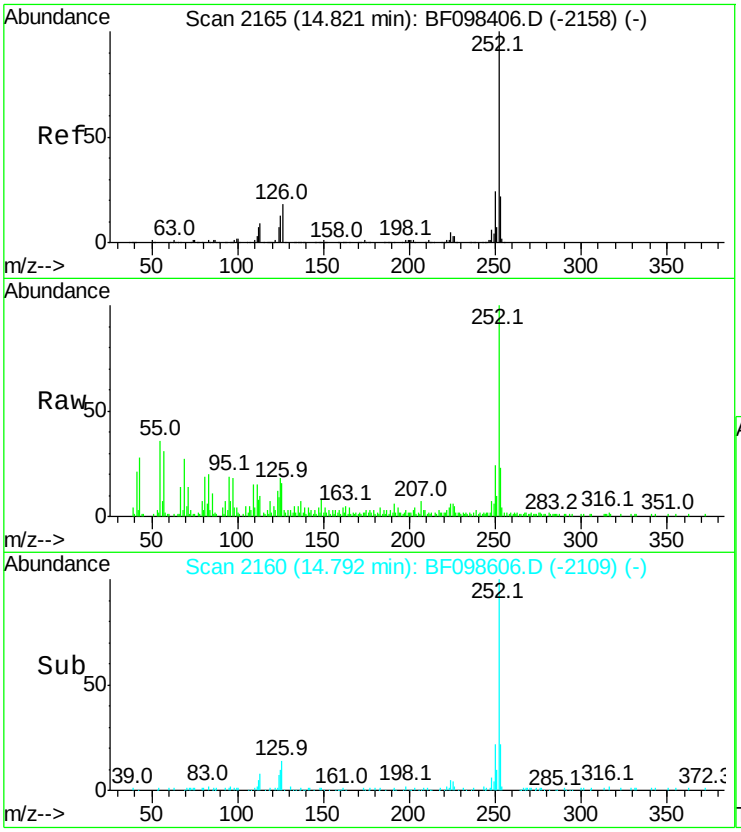


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:264 Resp: 177316

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	17.2	25.8



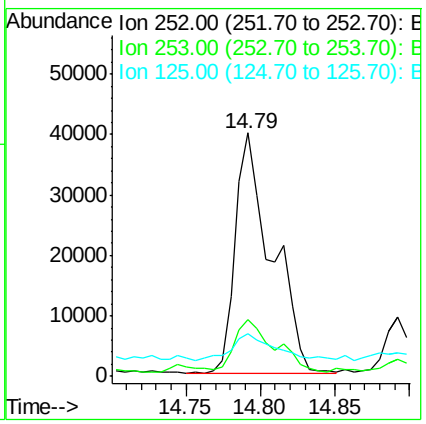


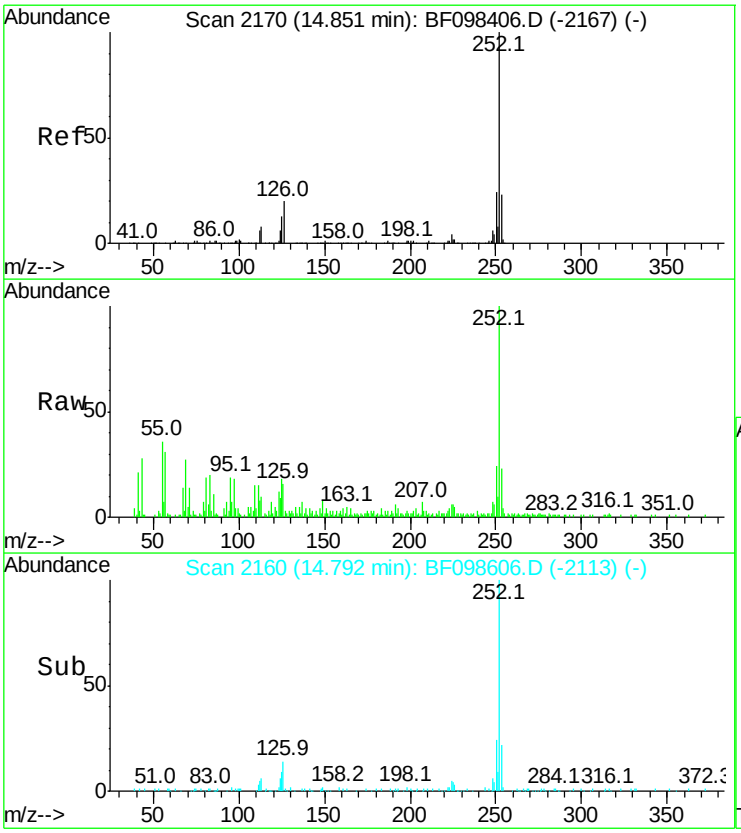
#87
Benzo(b)fluoranthene
Concen: 6.058 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 67541

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	17.6	9.8	14.8#

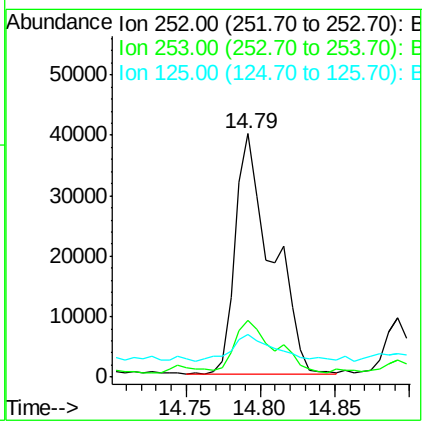


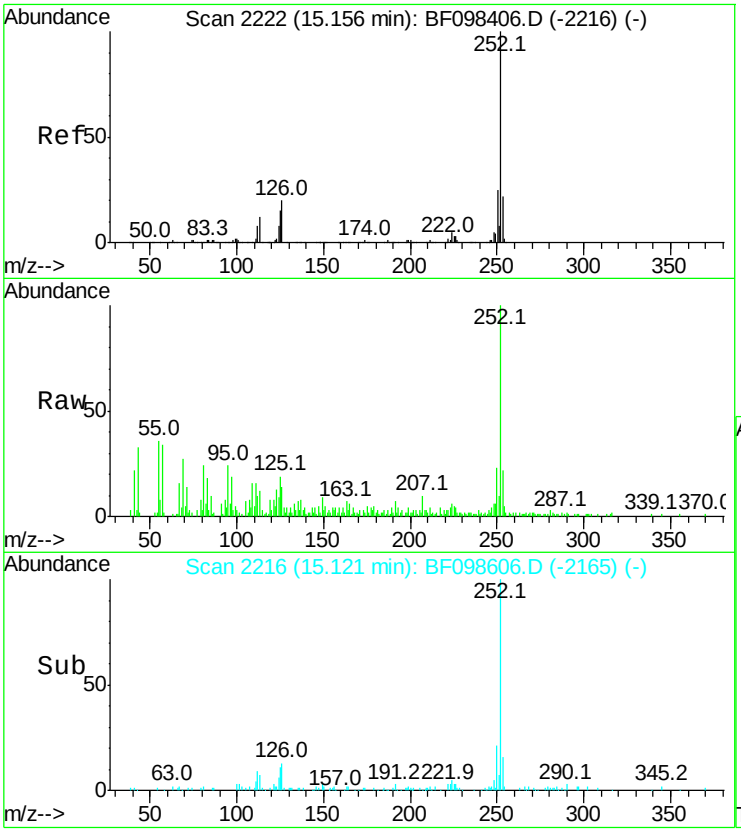


#88
Benzo(k)fluoranthene
Concen: 6.489 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:252 Resp: 67541

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	17.6	13.1	19.7



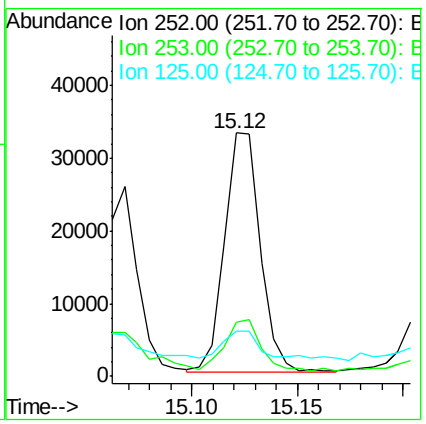


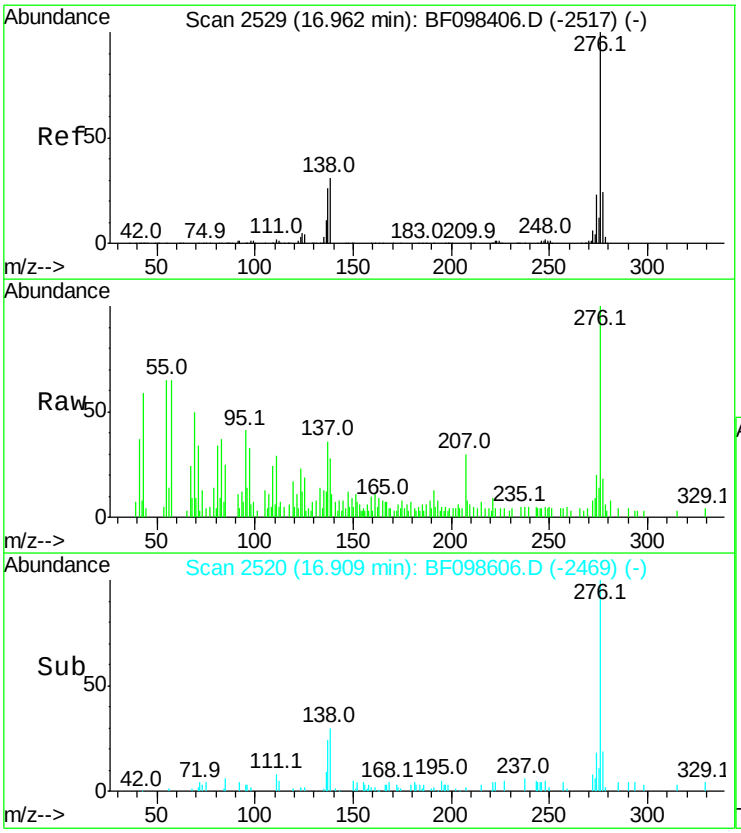
#89
Benzo(a)pyrene
Concen: 3.874 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 38480

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	18.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.885 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion:276 Resp: 20964

Ion	Ratio	Lower	Upper
276	100		
277	18.2	18.6	28.0#
138	27.9	25.4	38.0