Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098349.D
Acq On : 8 Sep 2017 14:38
Operator : SJ/JU
Sample : I5110-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Time: Sep 08 15:14:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 15:02:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	96676	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	384548	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	178977	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	338846	20.00	ng		0.00
75) Chrysene-d12	13.83	240	209718	20.00	ng		0.00
86) Perylene-d12	15.24	264	189296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	764598	120.30	ng		0.02
7) Phenol-d6	6.33	99	1045541	121.07	ng		0.00
23) Nitrobenzene-d5	7.25	82	619712	87.55	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	226394	145.79	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	960146	78.82	ng		0.00
78) Terphenyl-d14	12.79	244	721179	71.71	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.35	94	36952	3.659	ng		88
19) n-Nitroso-di-n-propylamine	7.25	70	79027	13.368	ng	#	69
25) Isophorone	7.25	82	619701	42.102	ng	#	67
49) Dimethylphthalate	9.44	163	117535	8.984	ng		98
56) 2,4-Dinitrotoluene	9.72	165	22516	6.870	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.50	198	358	8.506	ng	#	1
66) 4-Bromophenyl-phenylether	10.51	248	13854	3.937	ng	#	1
70) Phenanthrene	11.22	178	39132	2.167	ng		99
74) Fluoranthene	12.40	202	66328	3.519	ng		98
77) Pyrene	12.63	202	56629	3.301	ng		97
87) Benzo(b)fluoranthene	14.84	252	36755	3.080	ng		98
88) Benzo(k)fluoranthene	14.84	252	36755	3.279	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
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Acq On : 8 Sep 2017 14:38
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Misc :
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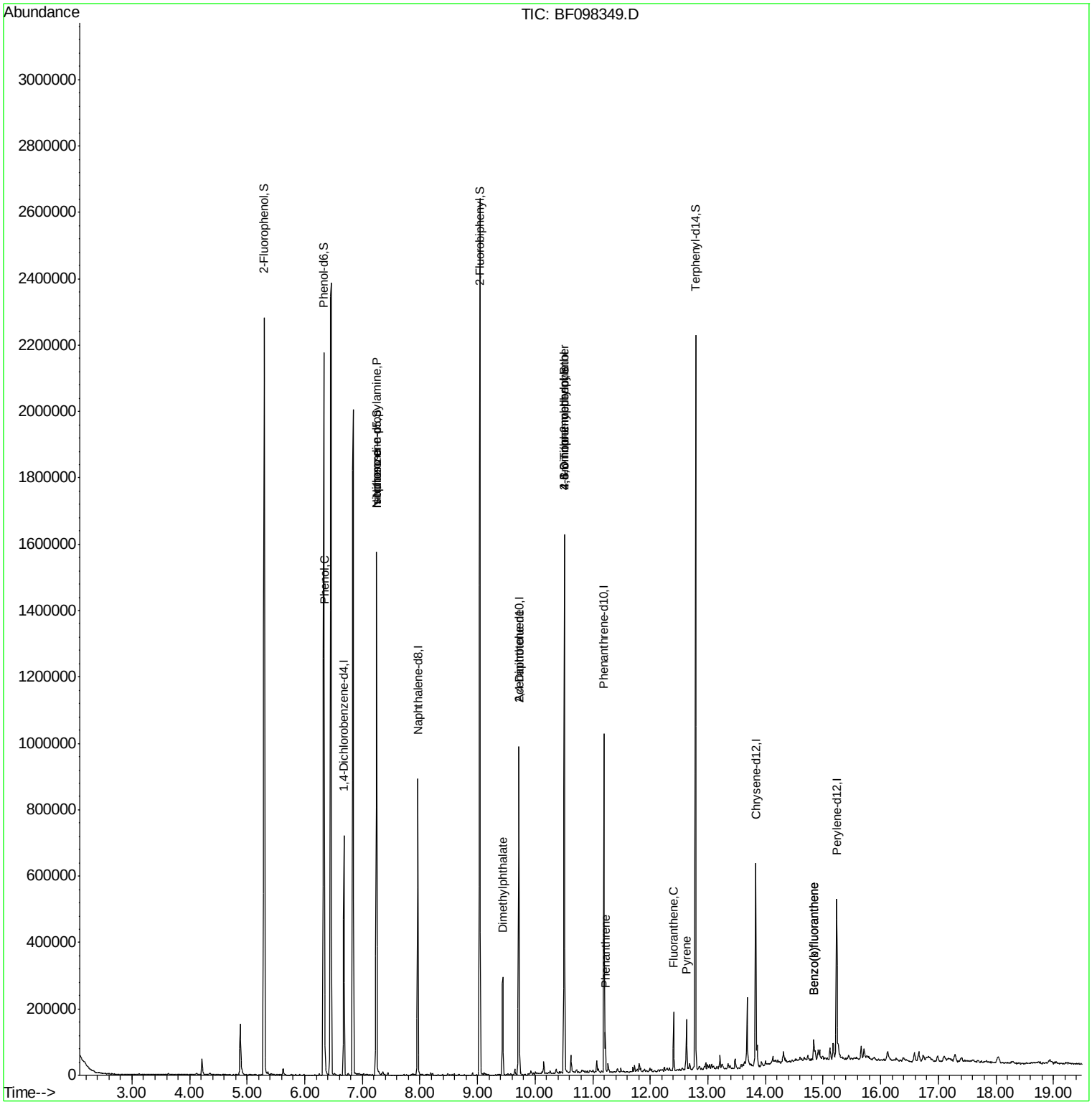
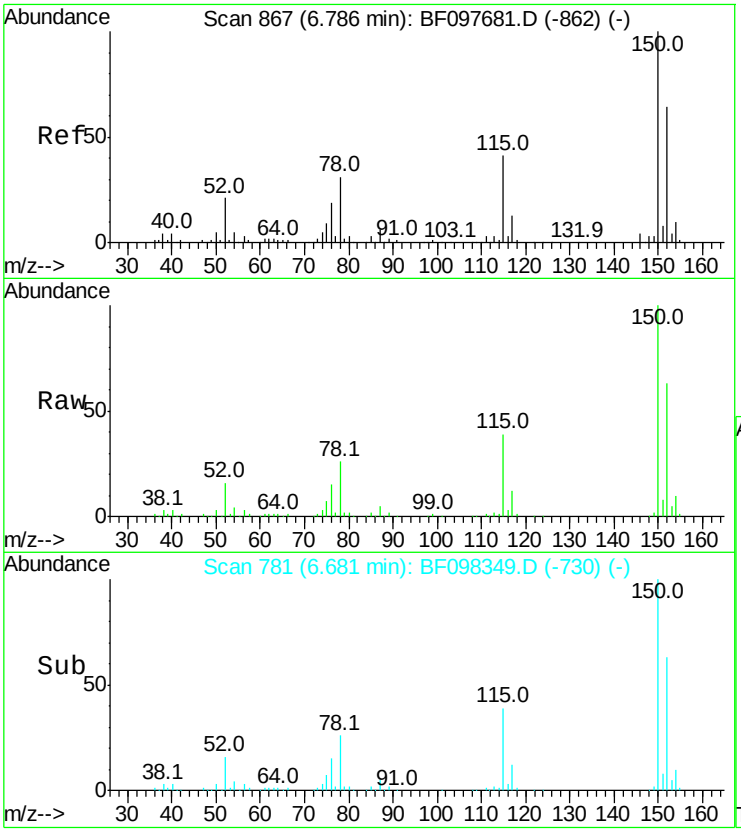


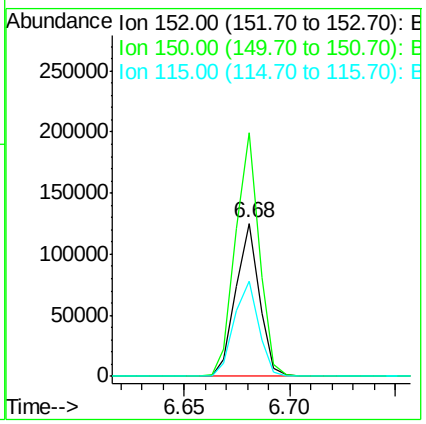


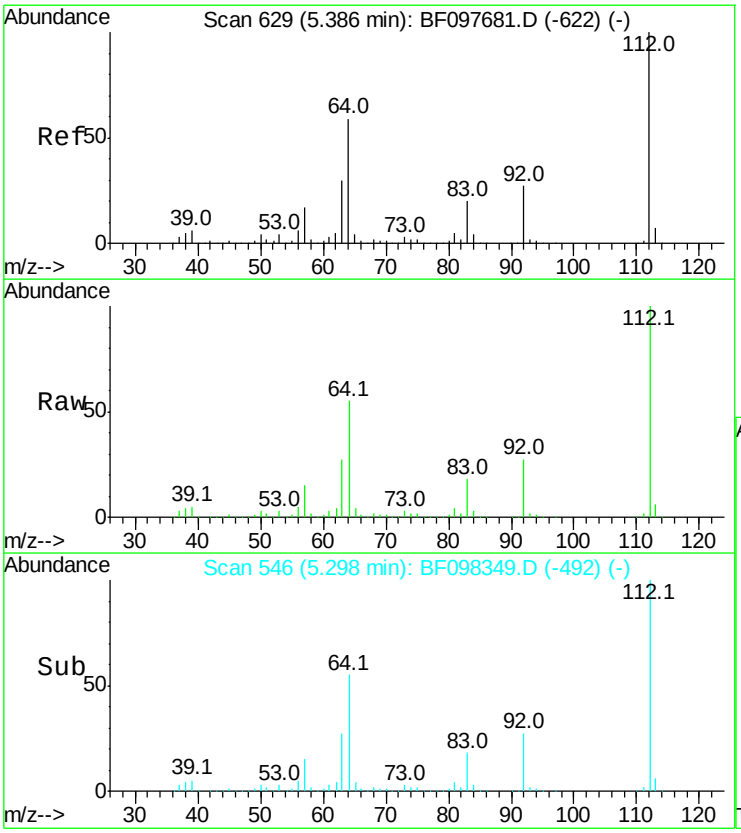
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 96676

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	62.2	52.2	78.2

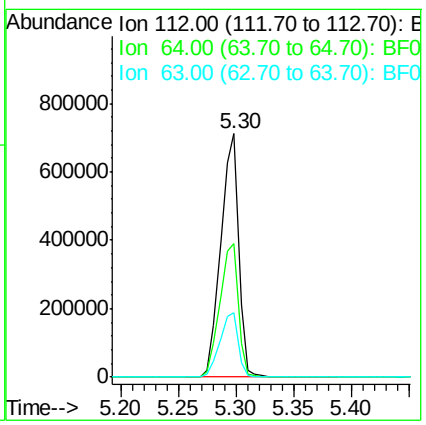


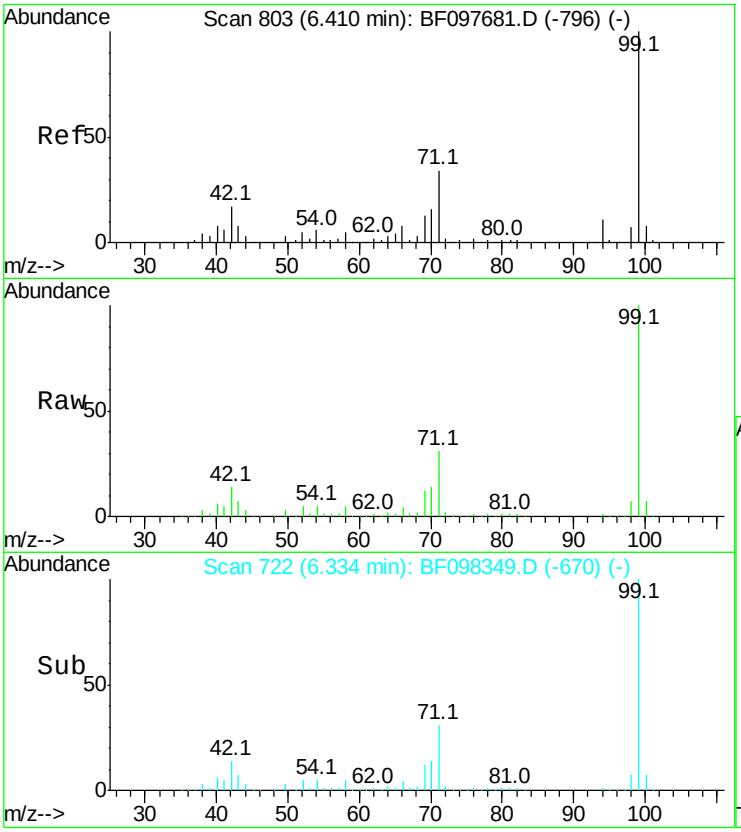


#5
2-Fluorophenol
Concen: 120.300 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.02 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:112 Resp: 764598

Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.7	23.4	35.0



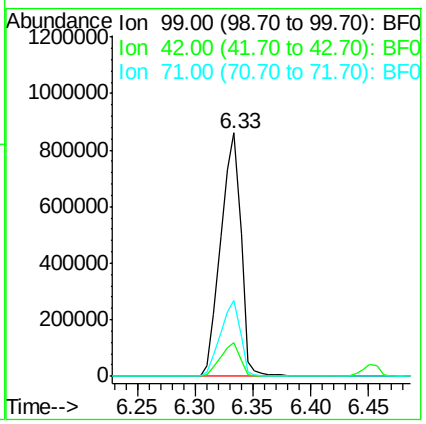


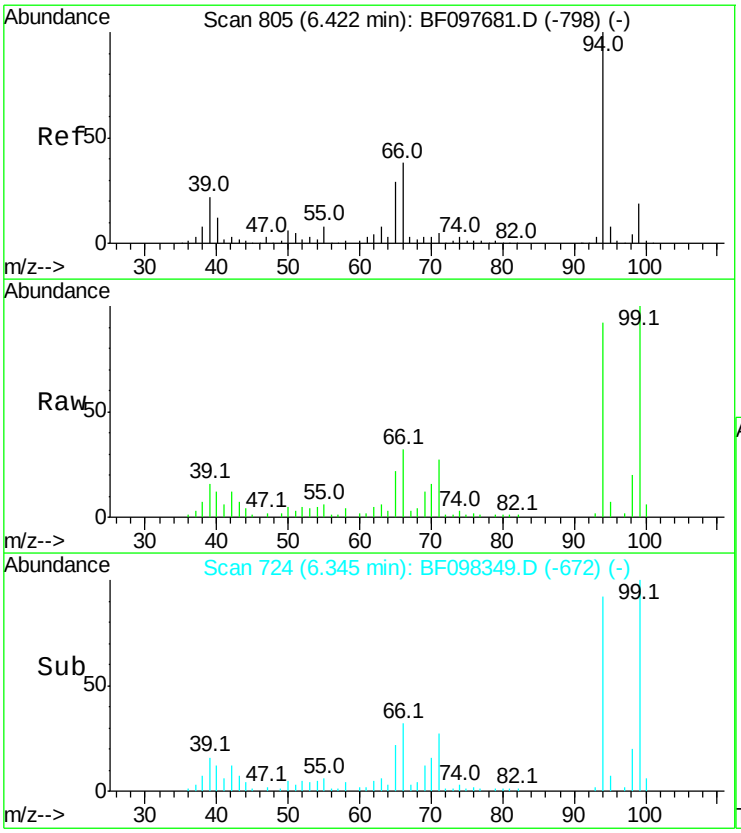
#7
Phenol-d6
Concen: 121.072 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 1045541

Ion	Ratio	Lower	Upper
99	100		
42	13.8	13.5	20.3
71	31.4	24.5	36.7

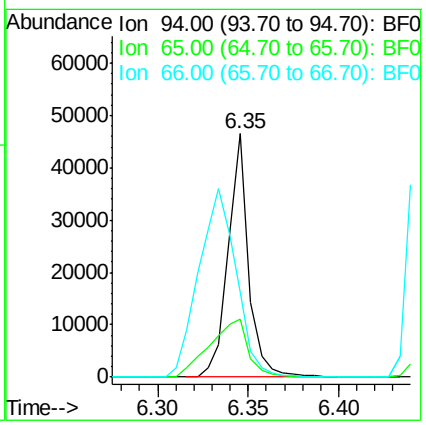


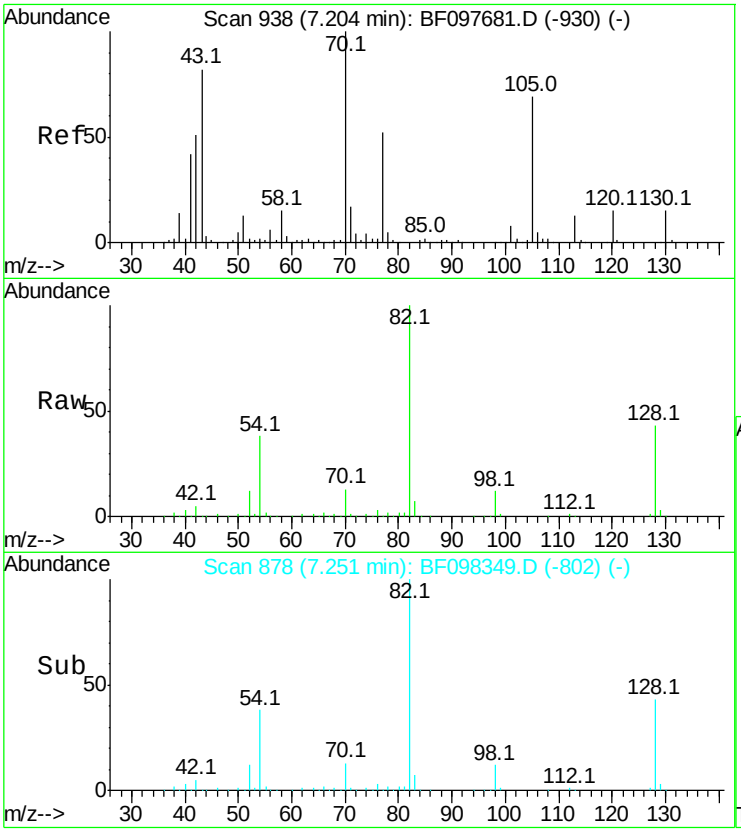


#10
Phenol
Concen: 3.659 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion: 94 Resp: 36952

Ion	Ratio	Lower	Upper
94	100		
65	23.8	9.9	49.9
66	34.9	23.1	63.1



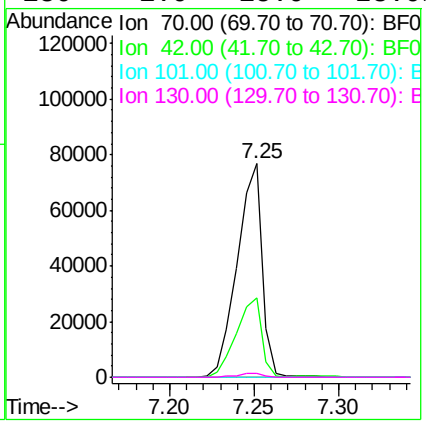


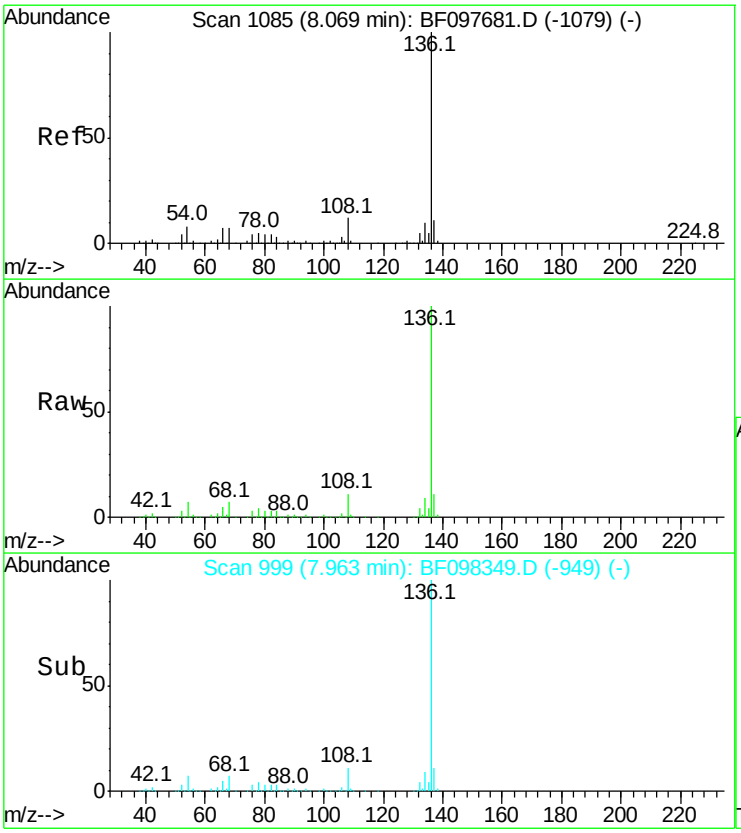
#19
n-Nitroso-di-n-propylamine
Concen: 13.368 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.15 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 70 Resp: 79027

Ion	Ratio	Lower	Upper
70	100		
42	37.3	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

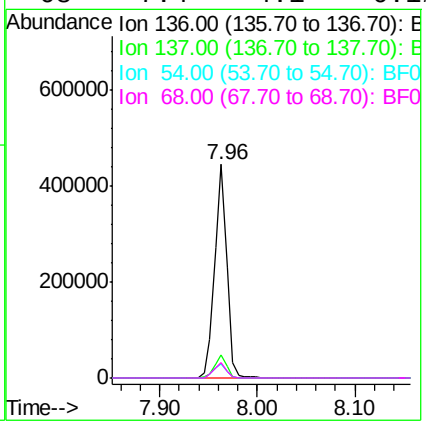


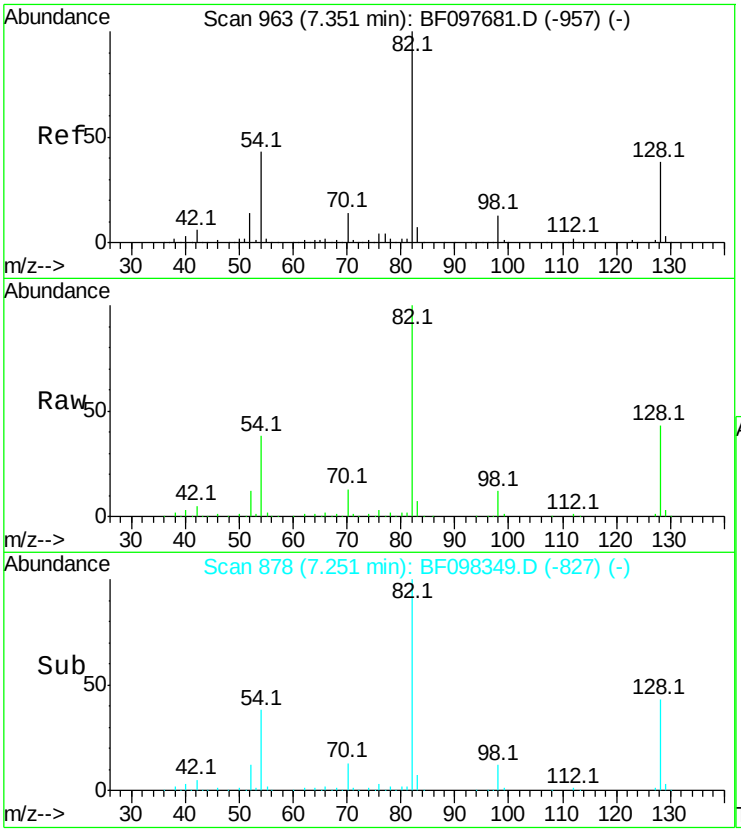


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:136 Resp: 384548

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.9	4.9	7.3
68	7.4	4.1	6.1#



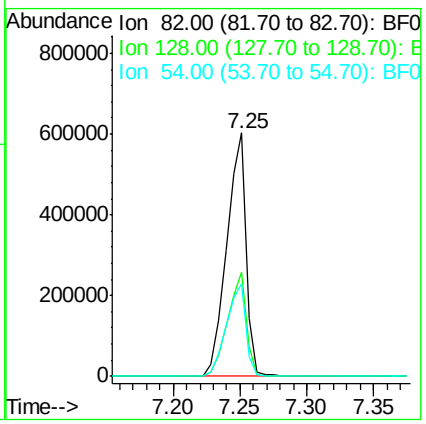


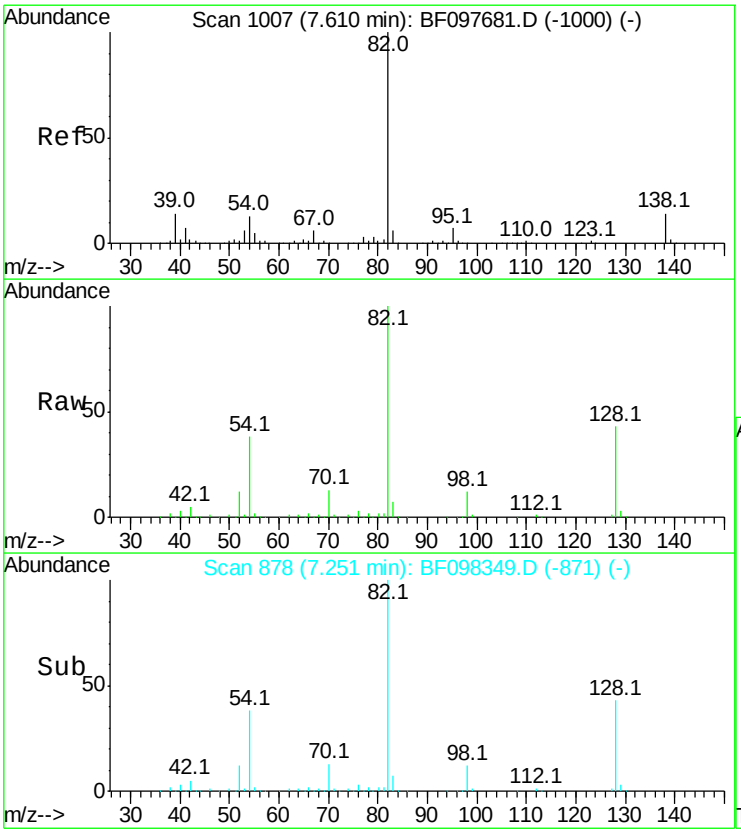
#23
Nitrobenzene-d5
Concen: 87.546 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 82 Resp: 619712

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	38.0	42.2	63.2#

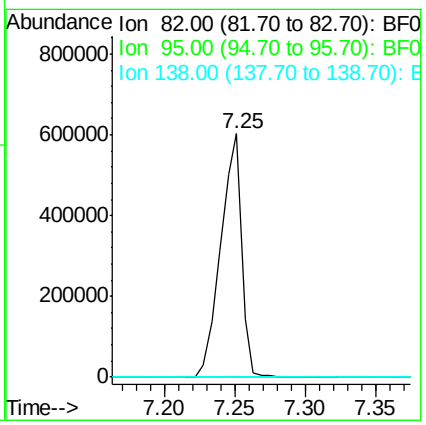


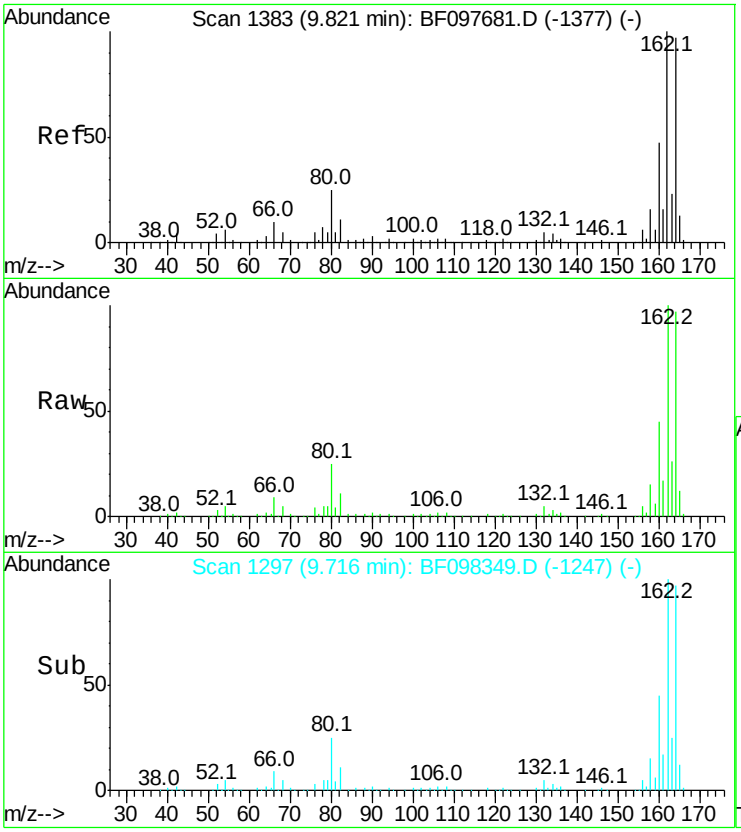


#25
Isophorone
Concen: 42.102 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.26 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion: 82 Resp: 619701

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



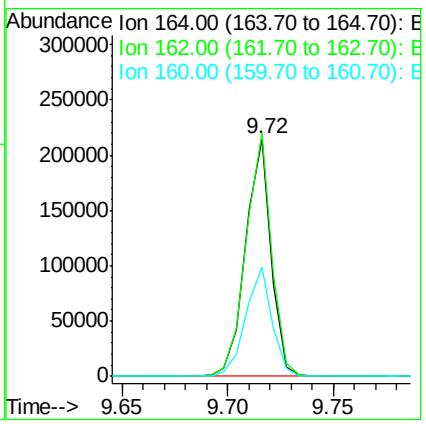


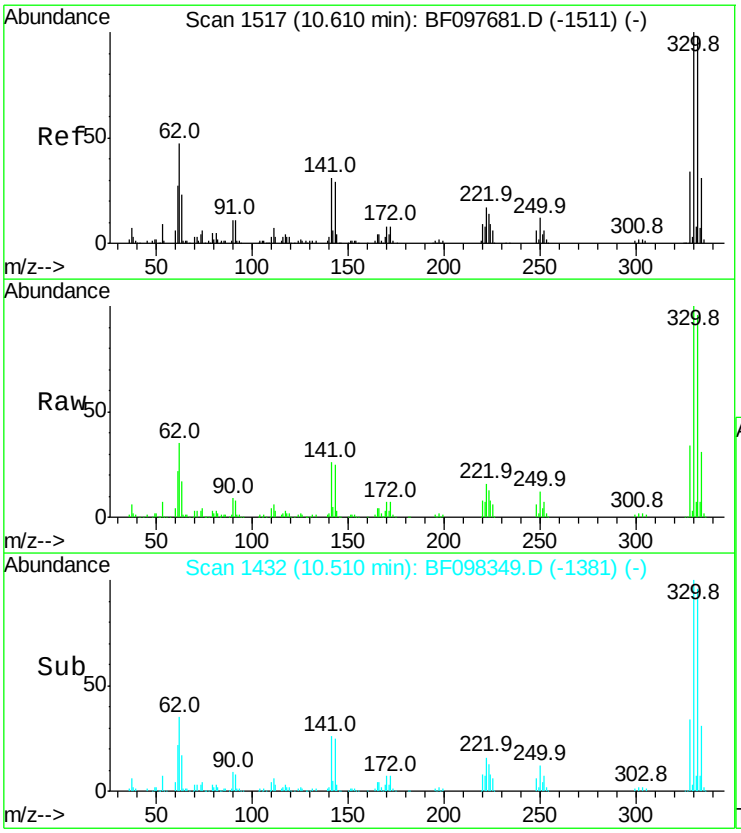
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:164 Resp: 178977

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	46.0	36.2	54.2

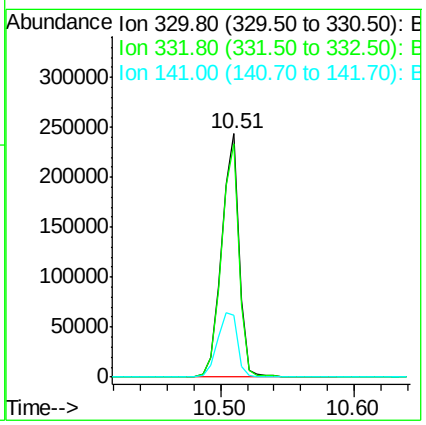


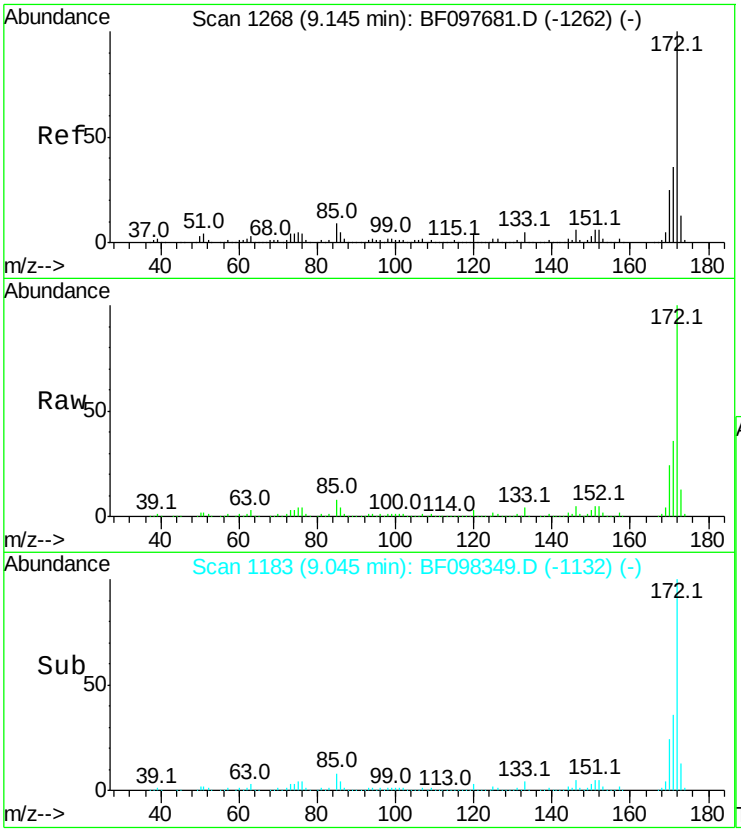


#41
2,4,6-Tribromophenol
Concen: 145.786 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:330 Resp: 226394

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	30.6	31.4	47.2#



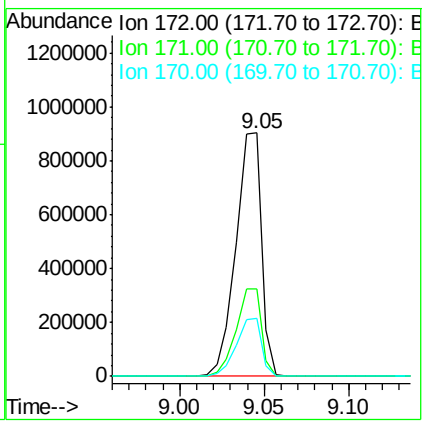


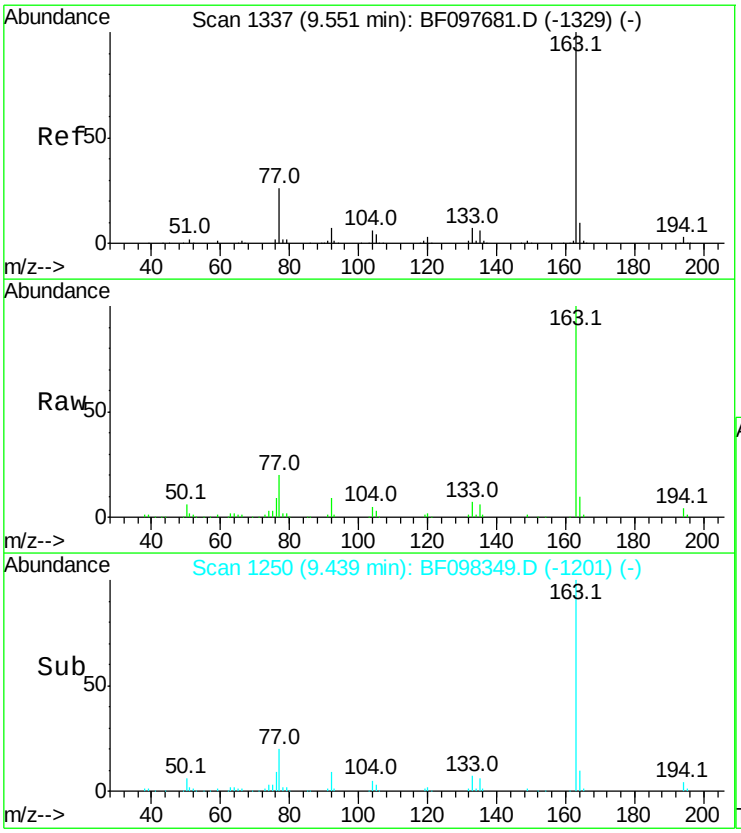
#44
2-Fluorobiphenyl
Concen: 78.817 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:172 Resp: 960146

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.6	19.8	29.8

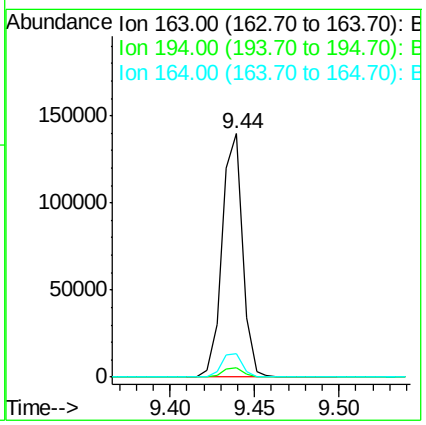


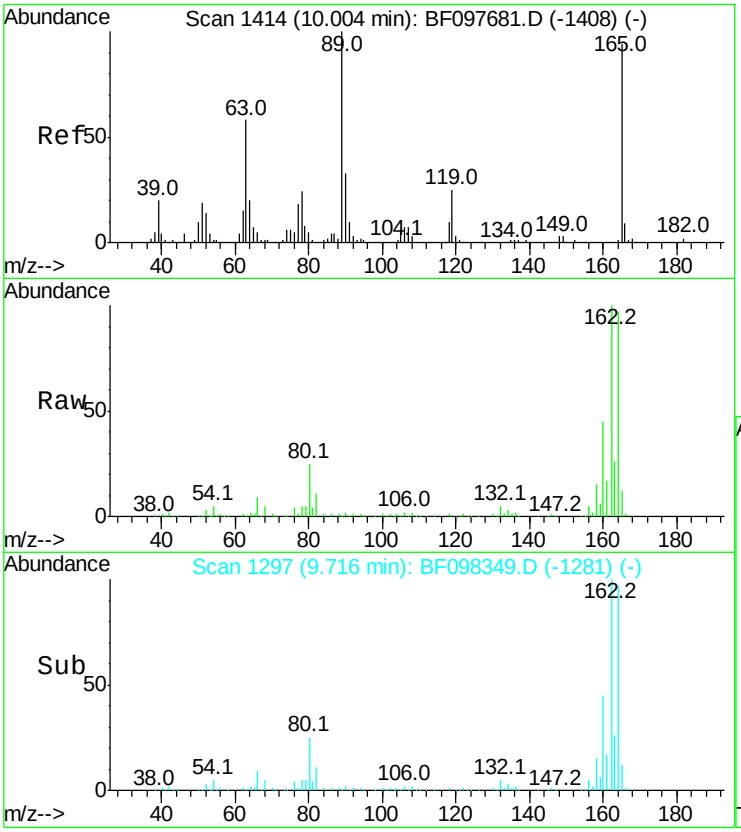


#49
Dimethylphthalate
Concen: 8.984 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:163 Resp: 117535

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.8	8.4	12.6



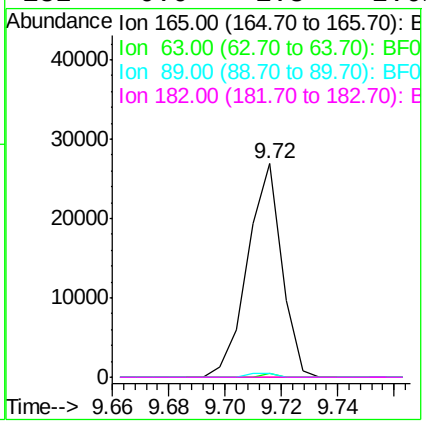


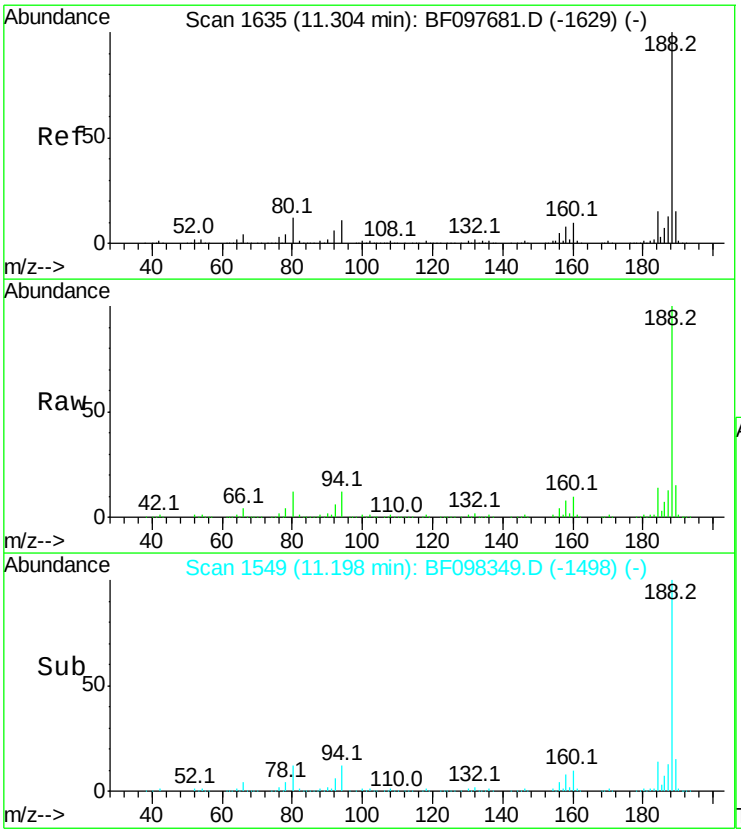
#56
2,4-Dinitrotoluene
Concen: 6.870 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:165 Resp: 22516

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

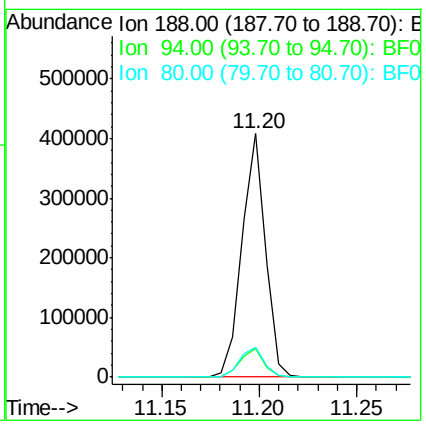


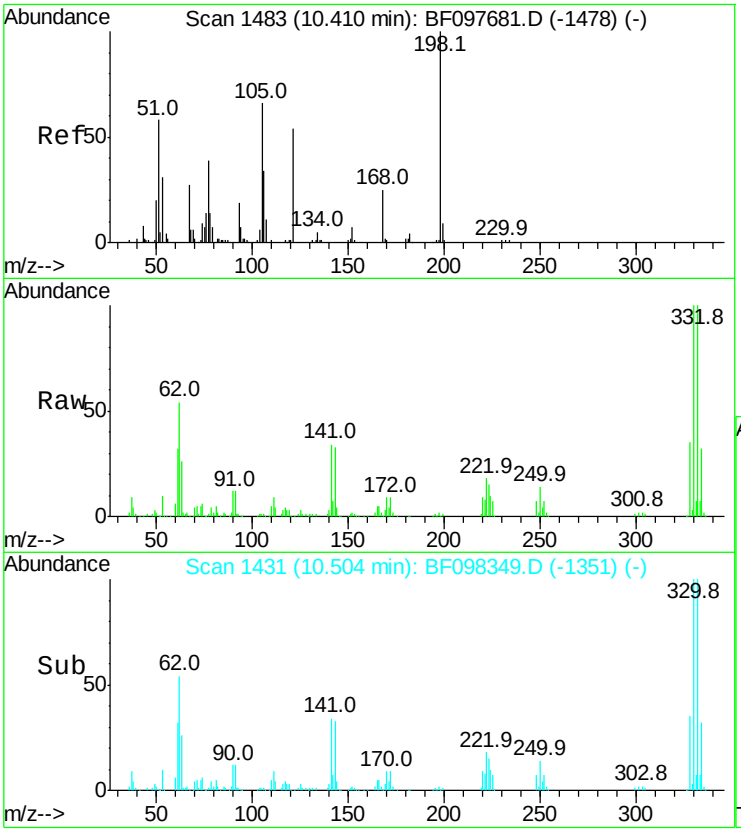


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:188 Resp: 338846

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.3	10.2	15.2



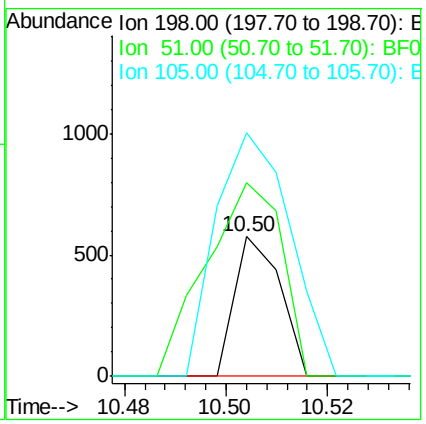


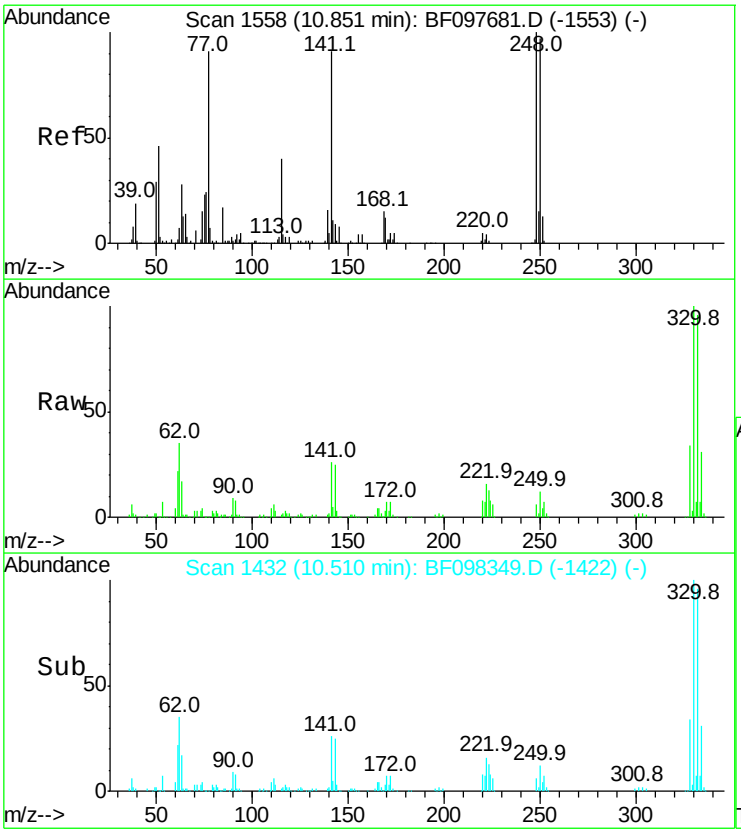
#64
4,6-Dinitro-2-methylphenol
Concen: 8.506 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.17 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:198 Resp: 358

Ion	Ratio	Lower	Upper
198	100		
51	139.0	53.2	93.2#
105	174.7	45.8	85.8#

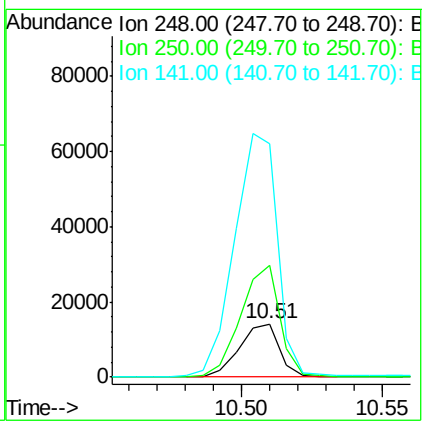


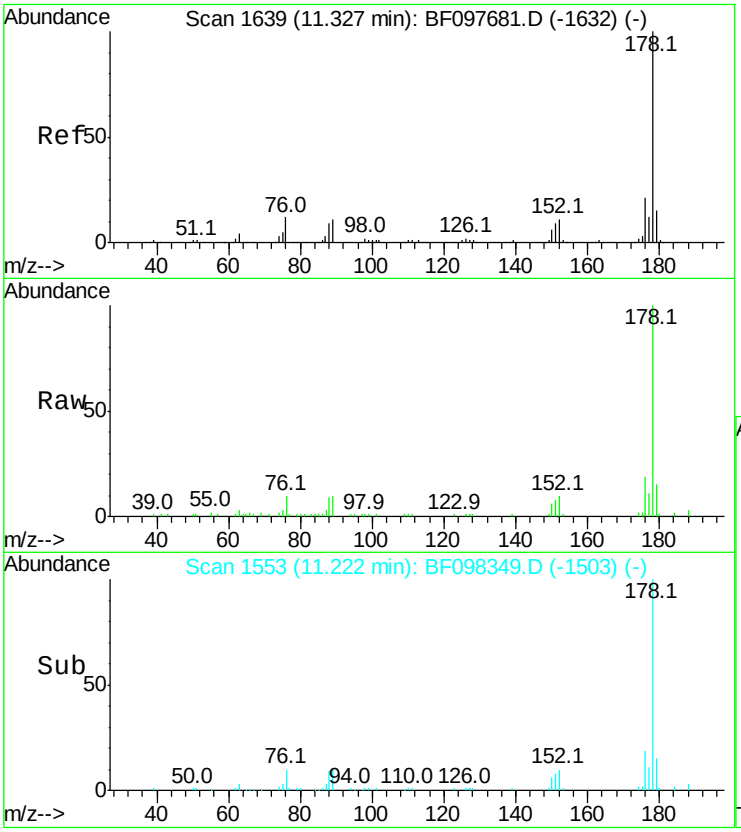


#66
4-Bromophenyl-phenylether
Concen: 3.937 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.24 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:248 Resp: 13854

Ion	Ratio	Lower	Upper
248	100		
250	210.5	76.8	115.2#
141	438.2	68.6	103.0#



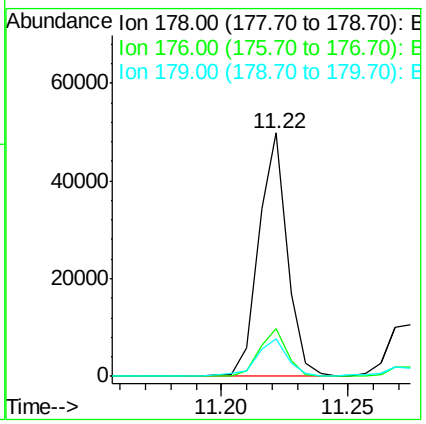


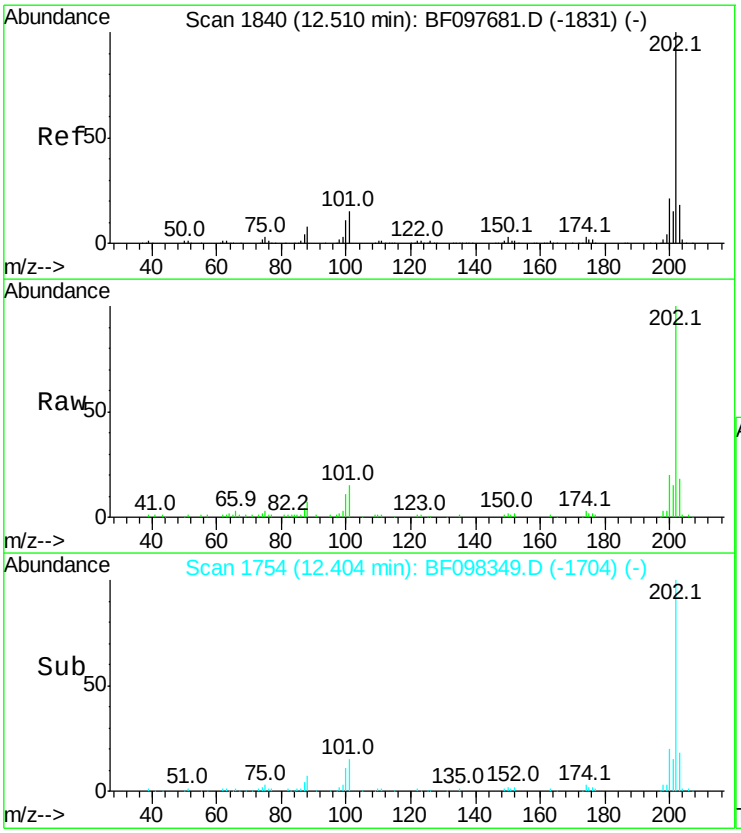
#70
Phenanthrene
Concen: 2.167 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:178 Resp: 39132

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	12.6	19.0

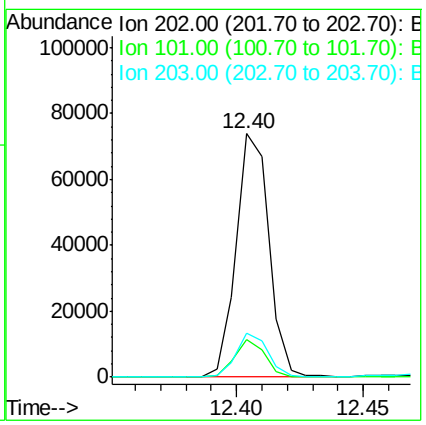


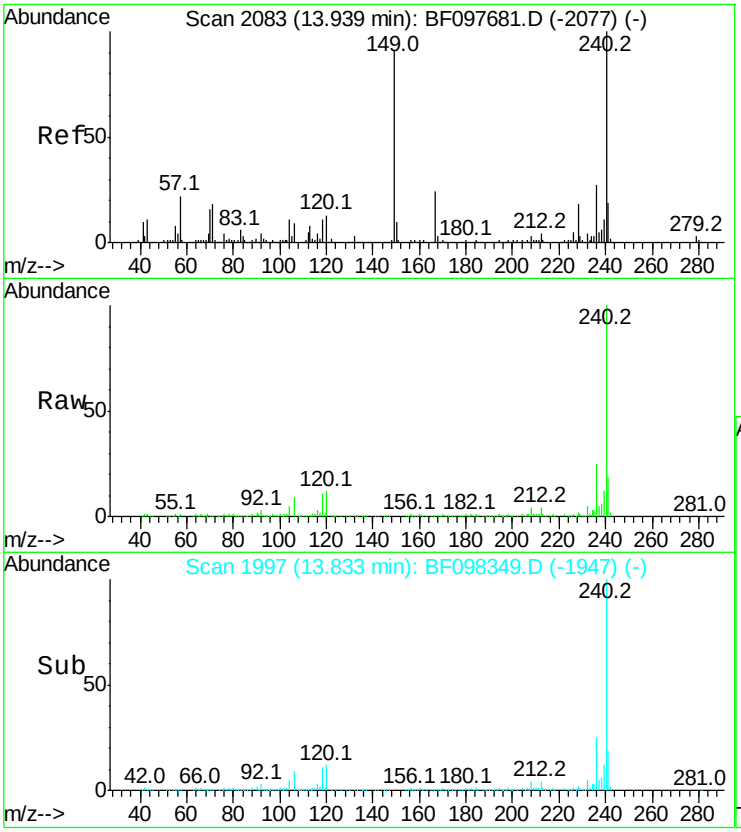


#74
Fluoranthene
Concen: 3.519 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:202 Resp: 66328

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.2
203	18.1	0.0	38.1



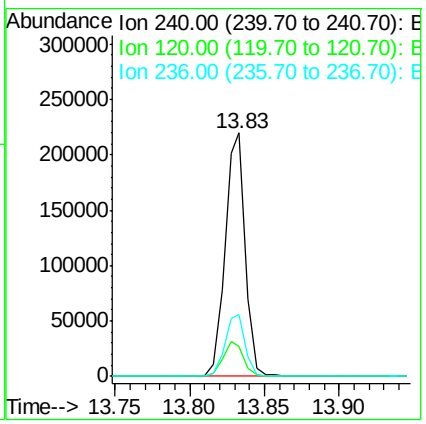


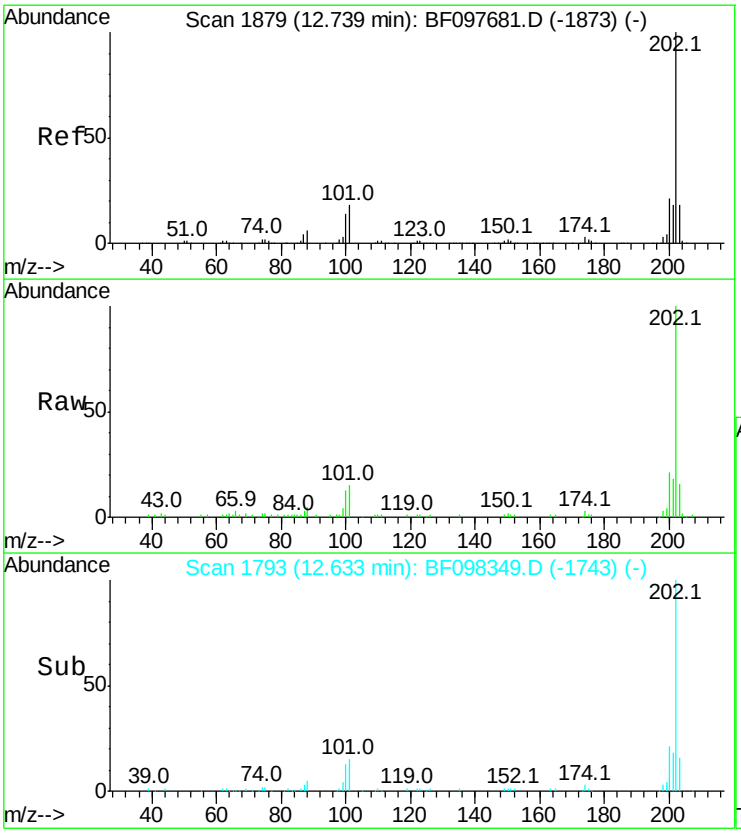
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:240 Resp: 209718

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.8	8.8#
236	25.3	20.5	30.7

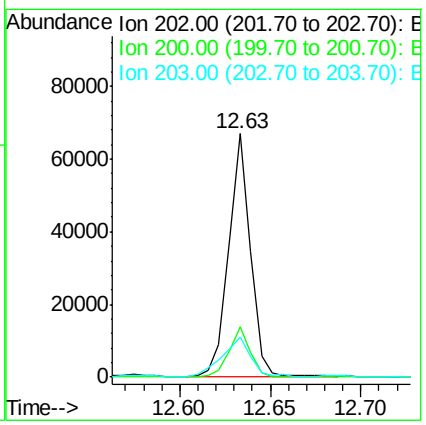


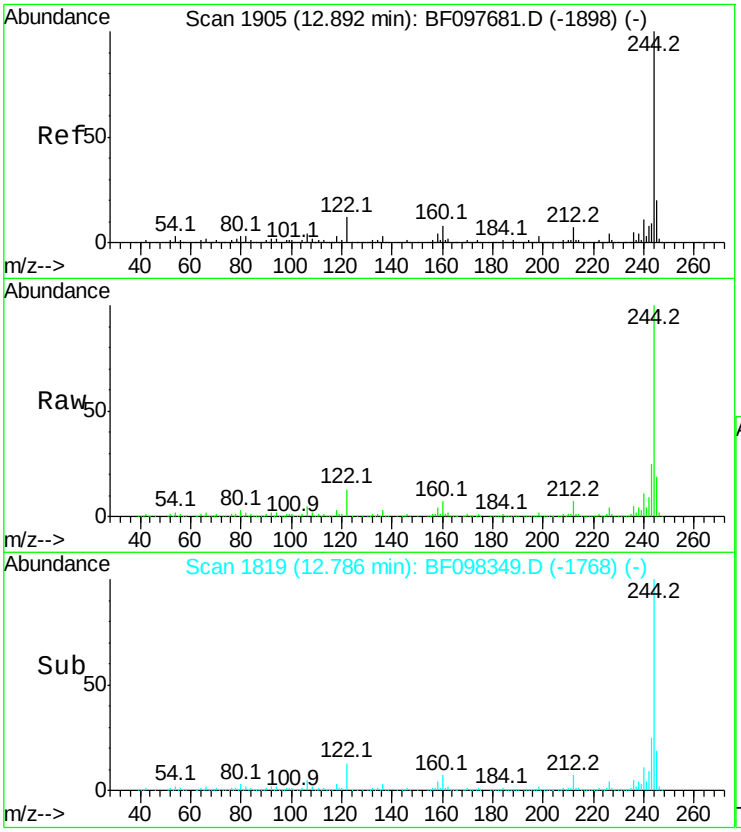


#77
Pyrene
Concen: 3.301 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:202 Resp: 56629

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	16.3	14.4	21.6



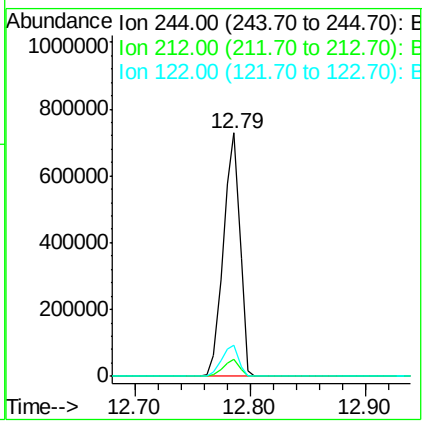


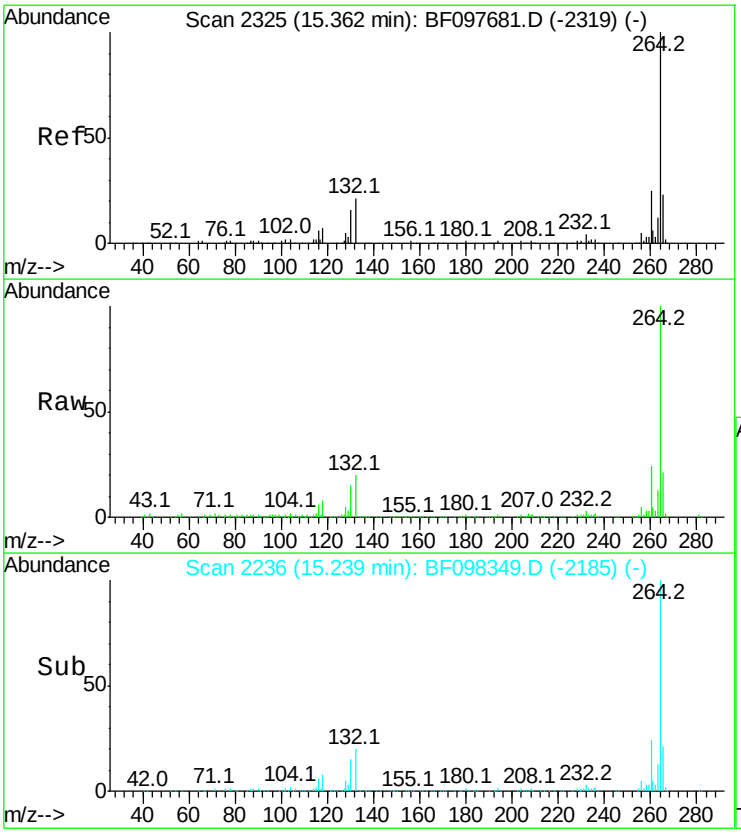
#78
Terphenyl-d14
Concen: 71.711 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:244 Resp: 721179

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.7	10.3	15.5

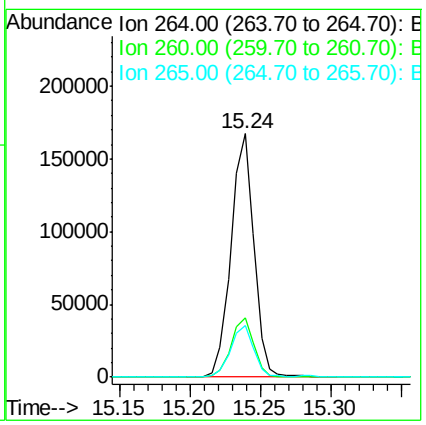


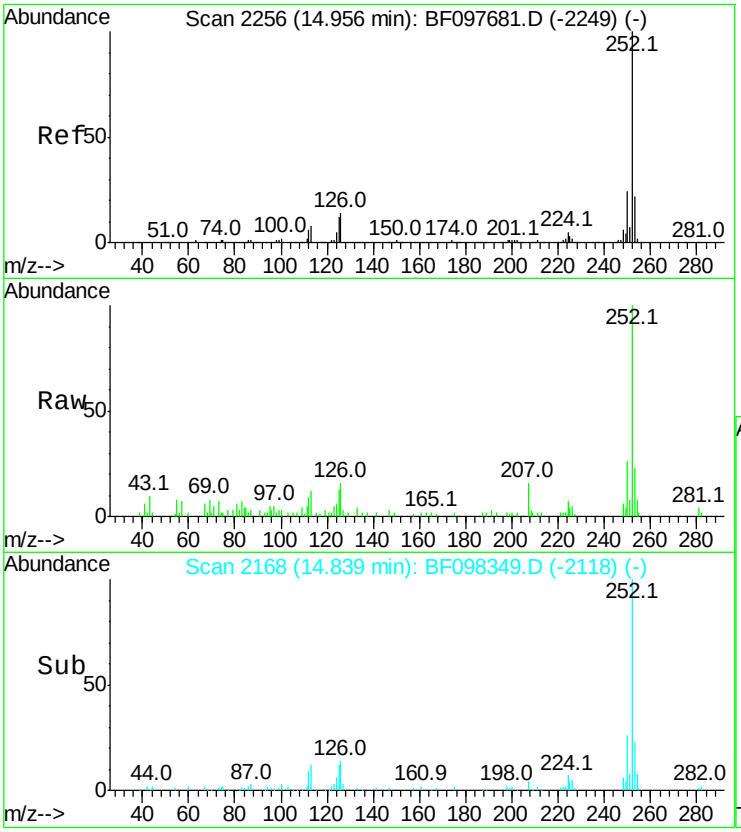


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:264 Resp: 189296

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.2	25.8



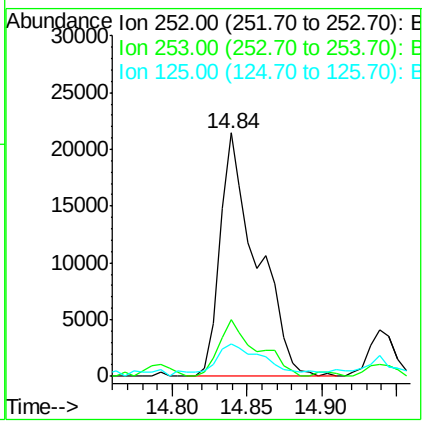


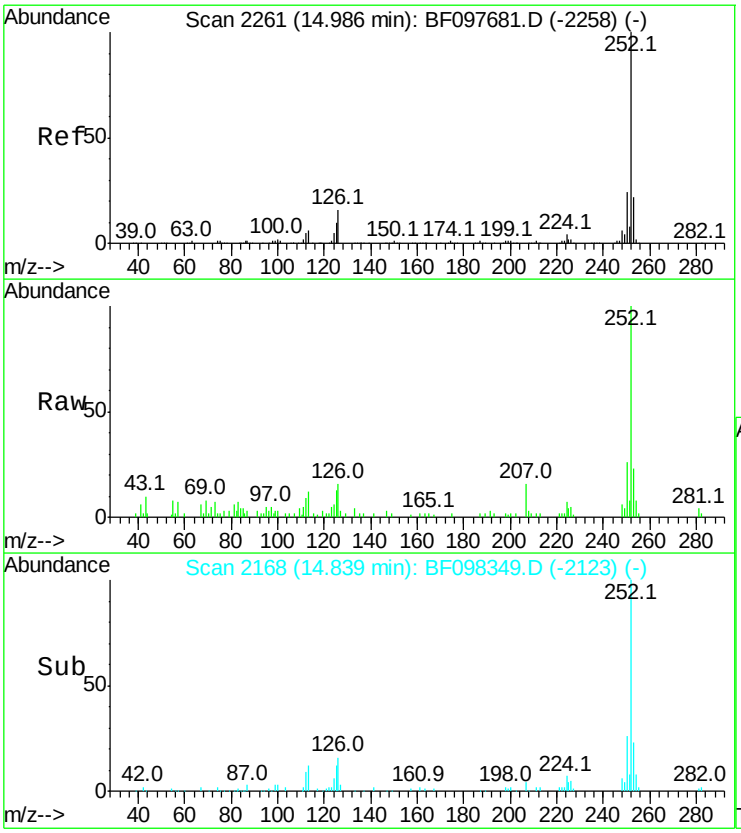
#87
Benzo(b)fluoranthene
Concen: 3.080 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:252 Resp: 36755

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	13.5	9.8	14.8





#88
Benzo(k)fluoranthene
Concen: 3.279 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion:252 Resp: 36755

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	13.5	13.1	19.7