Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098564.D
Acq On : 15 Sep 2017 12:47
Operator : SJ/JU
Sample : I5188-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-2-17.25-34.5

Quant Time: Sep 15 13:25:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 15 13:23:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	128650	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	531943	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	236166	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	399842	20.00	ng		0.00
75) Chrysene-d12	13.80	240	264426	20.00	ng		0.00
86) Perylene-d12	15.20	264	271481	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	879321	101.06	ng		0.01
7) Phenol-d6	6.30	99	1116511	101.06	ng		0.00
23) Nitrobenzene-d5	7.22	82	678602	71.12	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	166588	105.69	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1185500	85.08	ng		0.00
78) Terphenyl-d14	12.74	244	832976	67.99	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.31	94	28633	2.231	ng	#	66
19) n-Nitroso-di-n-propylamine	7.22	70	91828	13.214	ng	#	78
25) Isophorone	7.22	82	678597	35.151	ng	#	67
49) Dimethylphthalate	9.40	163	157304	8.605	ng		99
56) 2,4-Dinitrotoluene	9.68	165	31219	6.838	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.47	198	380	5.103	ng	#	1
66) 4-Bromophenyl-phenylether	10.47	248	12449	3.280	ng	#	1
69) Pentachlorophenol	10.99	266	129	7.008	ng	#	1
74) Fluoranthene	12.37	202	45468	2.143	ng		97
88) Benzo(k)fluoranthene	14.81	252	33930	2.129	ng	#	93

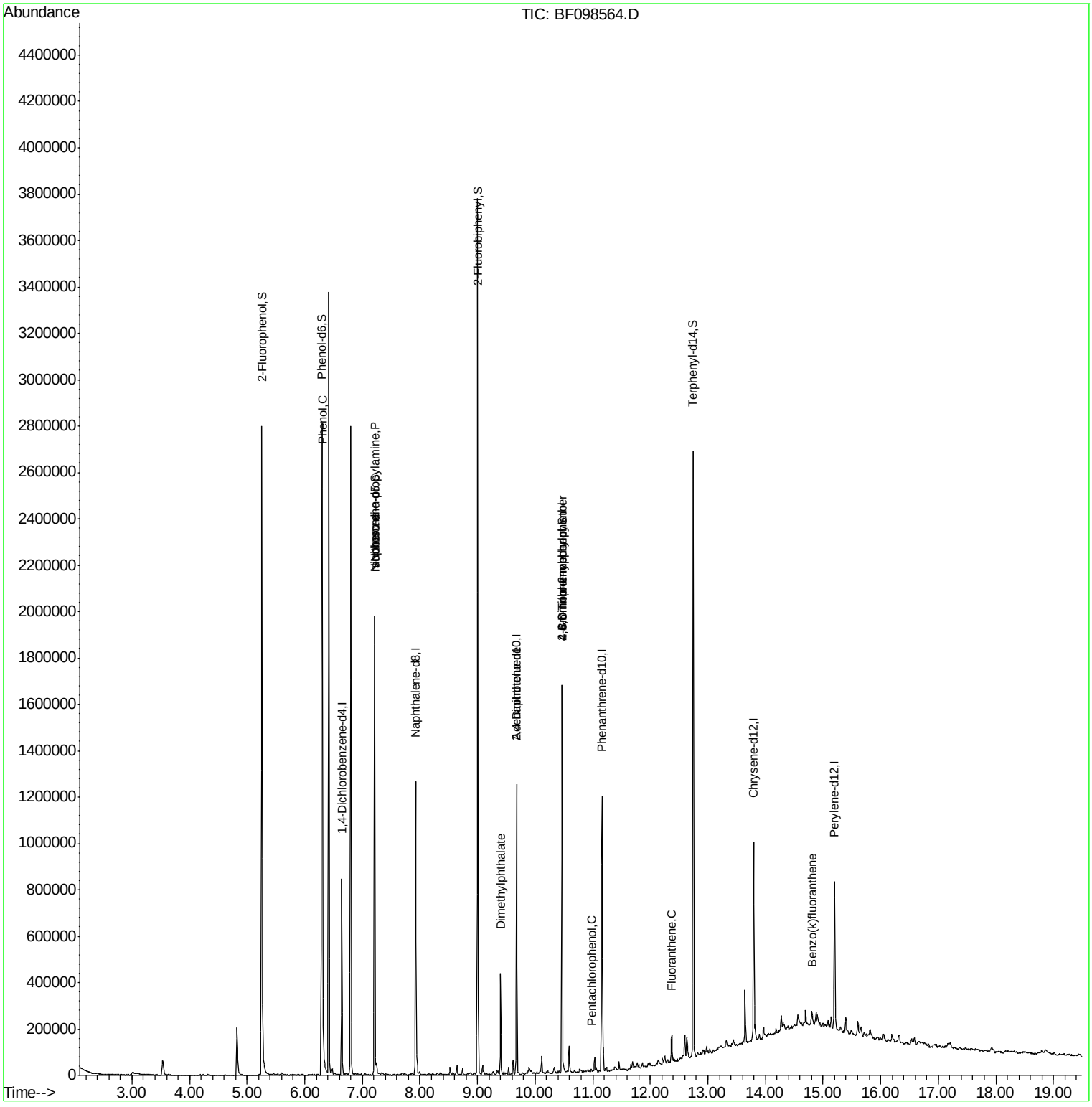
(#) = qualifier out of range (m) = manual integration (+) = signals summed

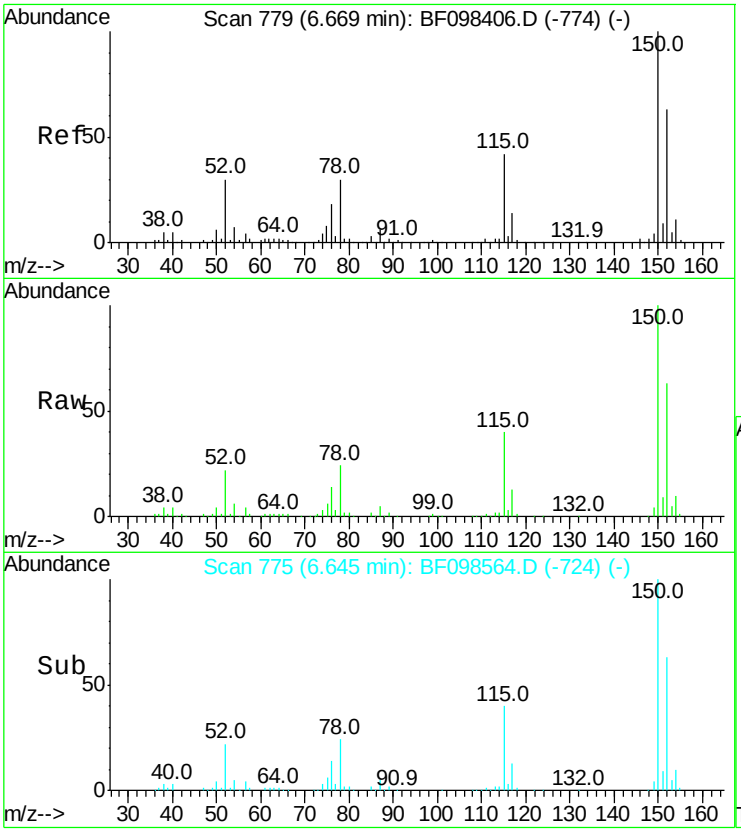
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098564.D
Acq On : 15 Sep 2017 12:47
Operator : SJ/JU
Sample : I5188-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Quant Time: Sep 15 13:25:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 15 13:23:10 2017
Response via : Initial Calibration



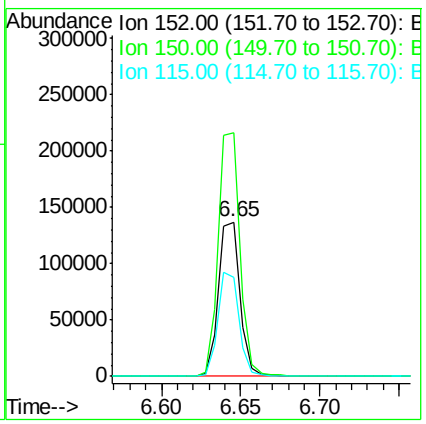


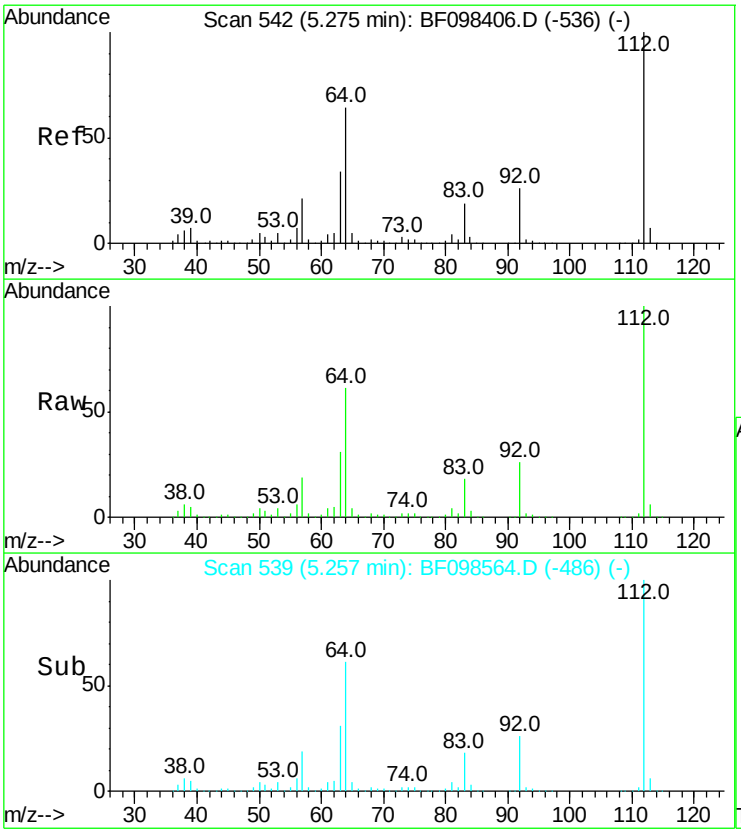
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion:152 Resp: 128650

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	63.9	52.2	78.2

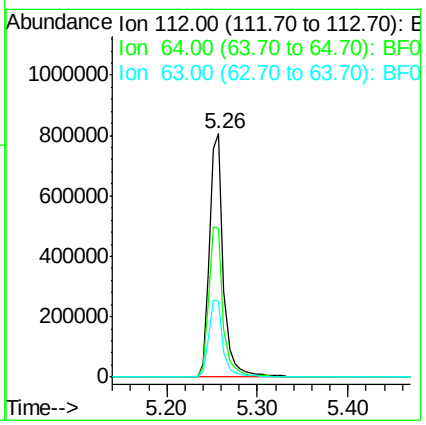


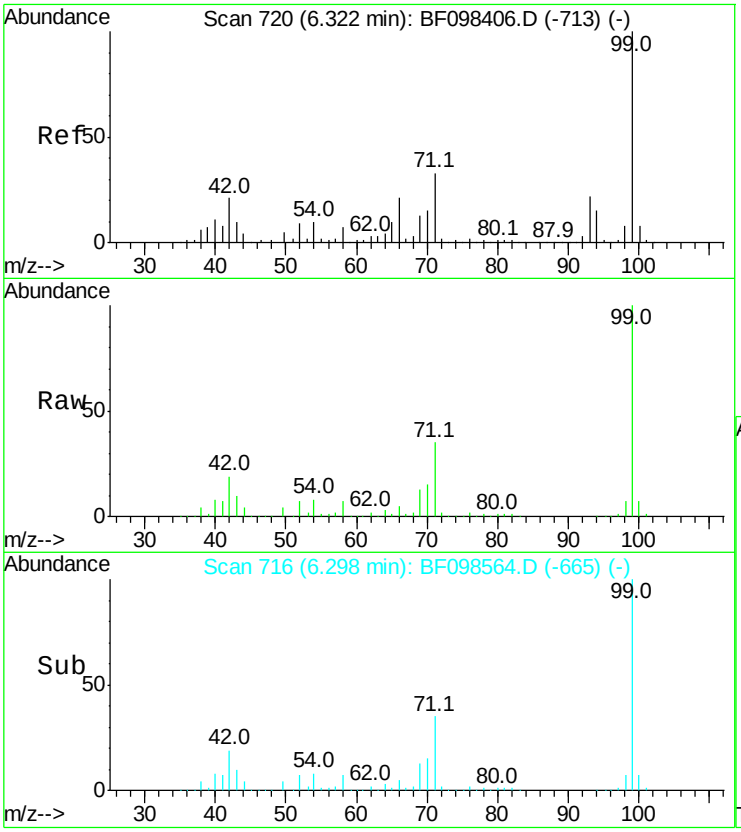


#5
2-Fluorophenol
Concen: 101.057 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion:112 Resp: 879321

Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.0	69.0
63	31.4	23.4	35.0



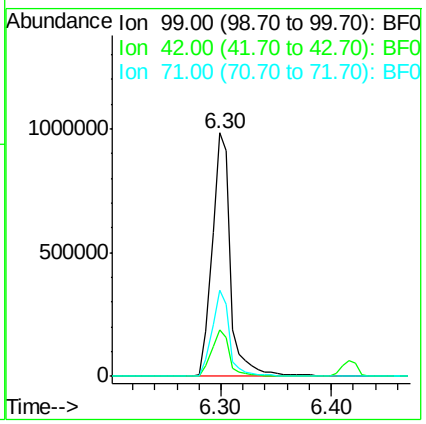


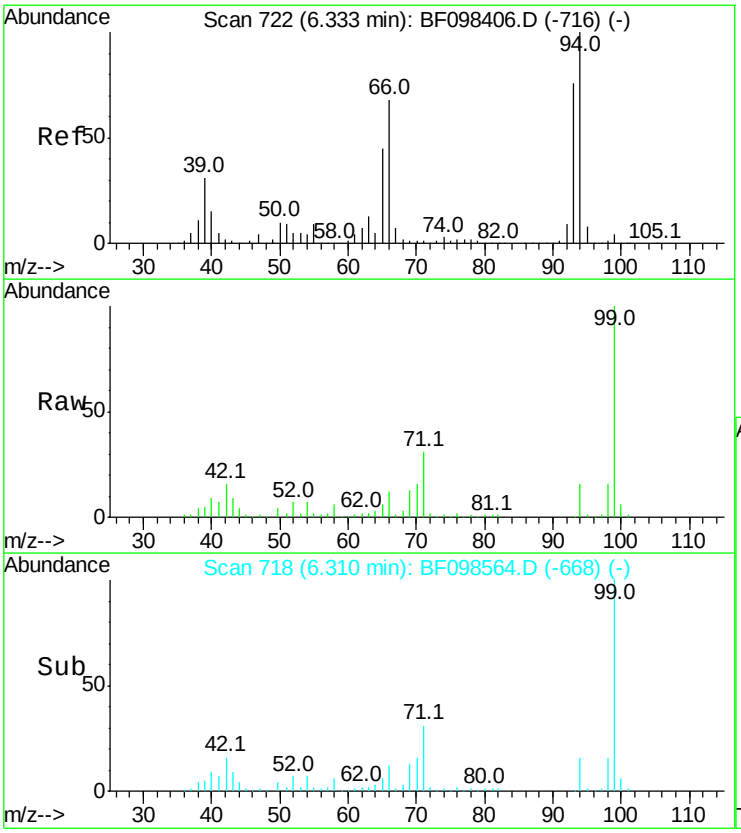
#7
Phenol-d6
Concen: 101.063 ng
RT: 6.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion: 99 Resp: 1116511

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	35.2	24.5	36.7

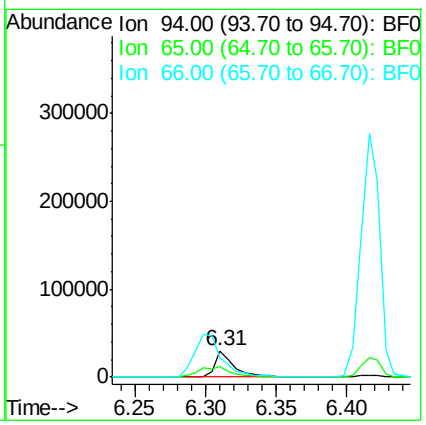


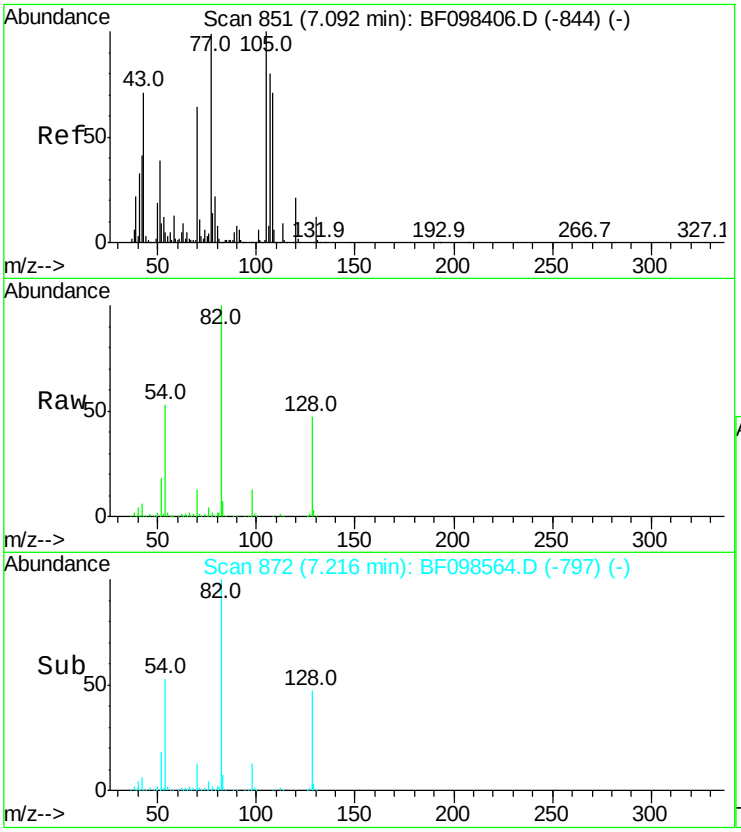


#10
Phenol
Concen: 2.231 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion: 94 Resp: 28633

Ion	Ratio	Lower	Upper
94	100		
65	38.5	9.9	49.9
66	72.5	23.1	63.1#



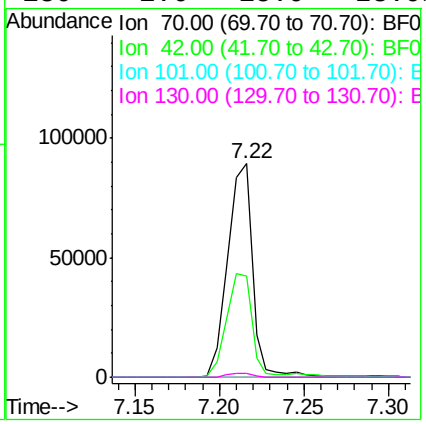


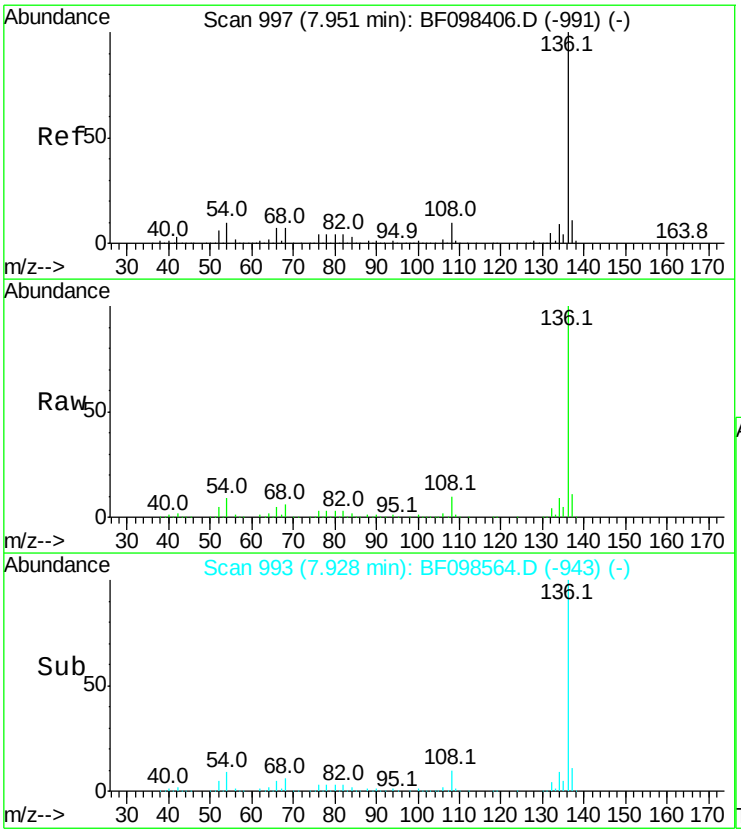
#19
n-Nitroso-di-n-propylamine
Concen: 13.214 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument : BNA_F
ClientSampleId : RL-2-17.25-34.5

Tgt Ion: 70 Resp: 91828

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.2	70.8
101	0.0	7.2	10.8#
130	1.6	15.9	23.9#

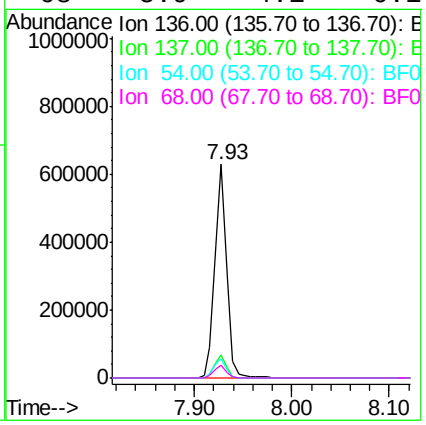


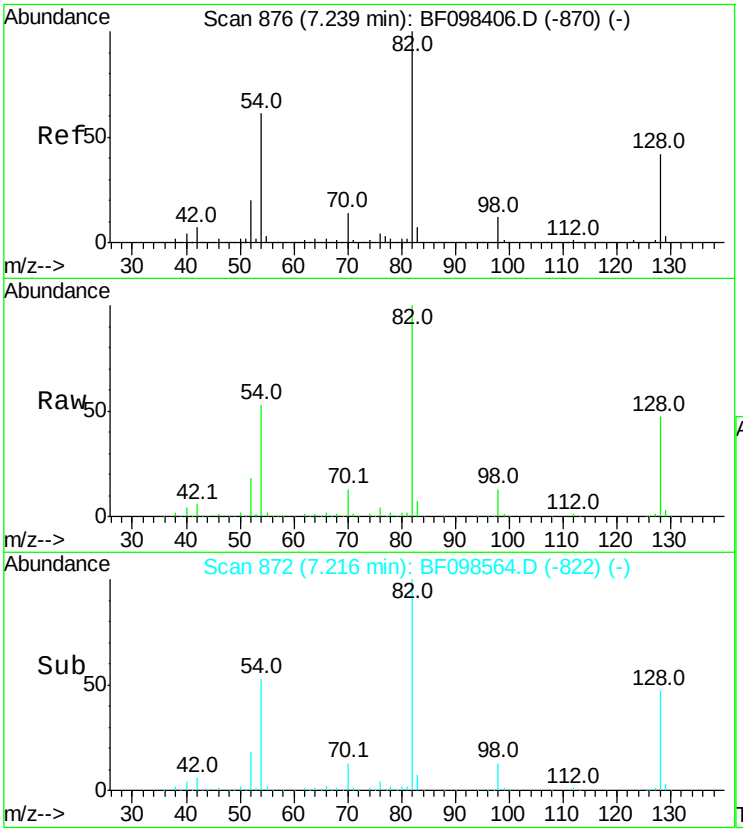


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion:136 Resp: 531943

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.8	4.9	7.3#
68	5.9	4.1	6.1



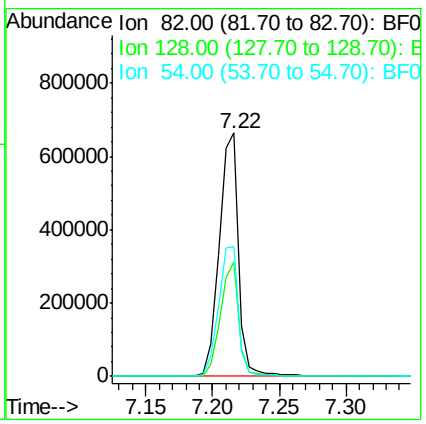


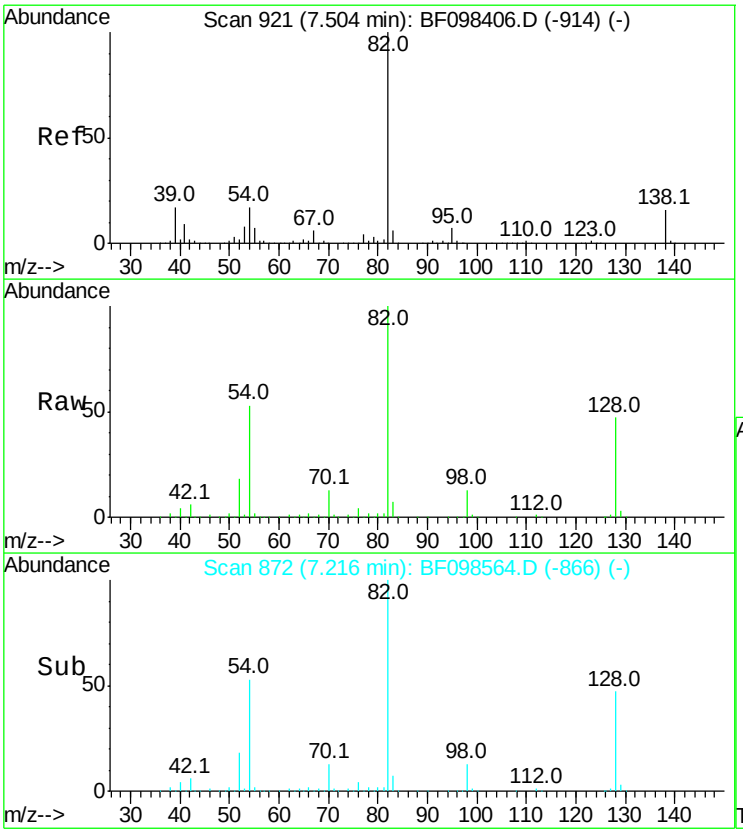
#23
Nitrobenzene-d5
Concen: 71.120 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion: 82 Resp: 678602

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	53.3	42.2	63.2

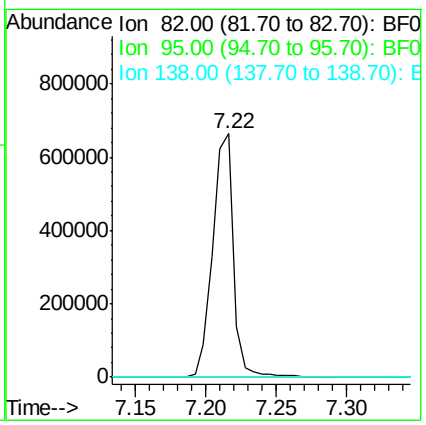


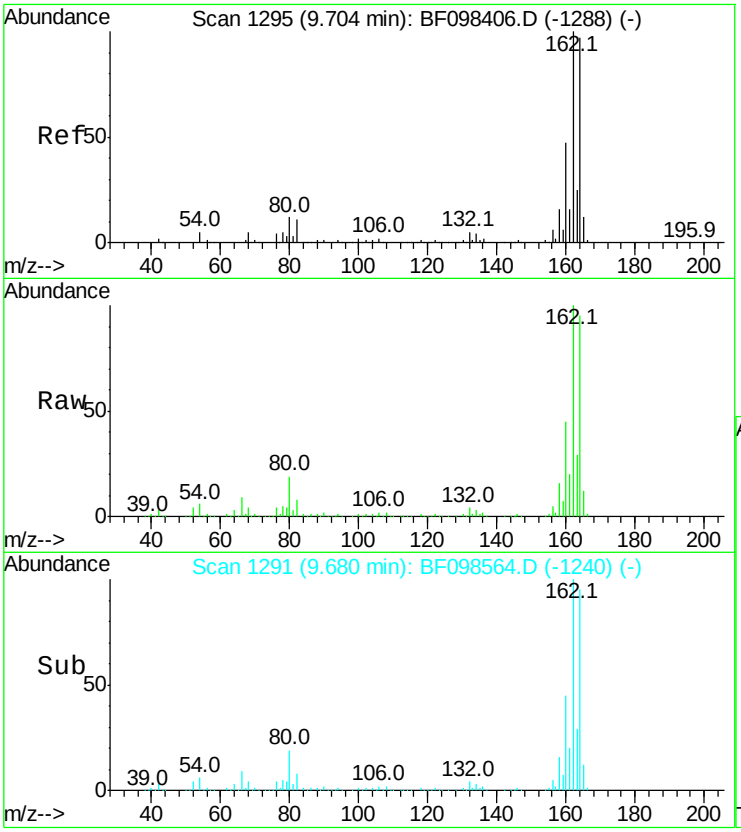


#25
Isophorone
Concen: 35.151 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.26 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion: 82 Resp: 678597

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



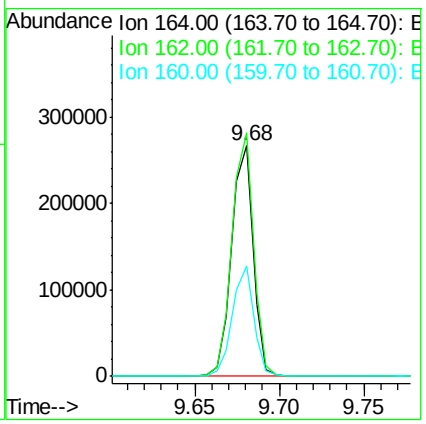


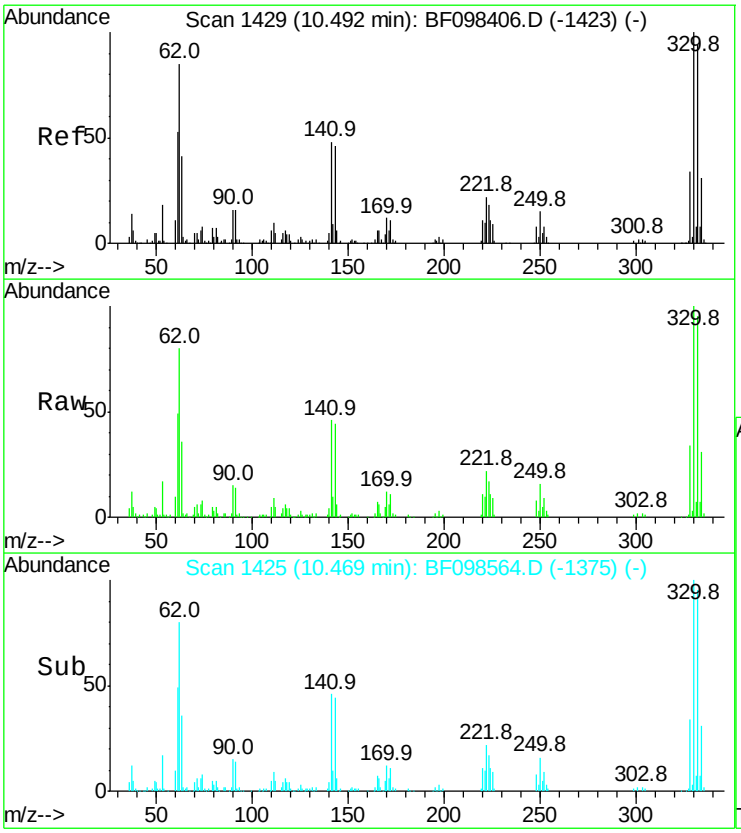
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion:164 Resp: 236166

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	48.1	36.2	54.2

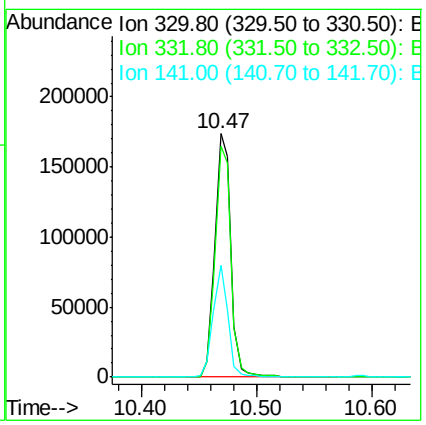


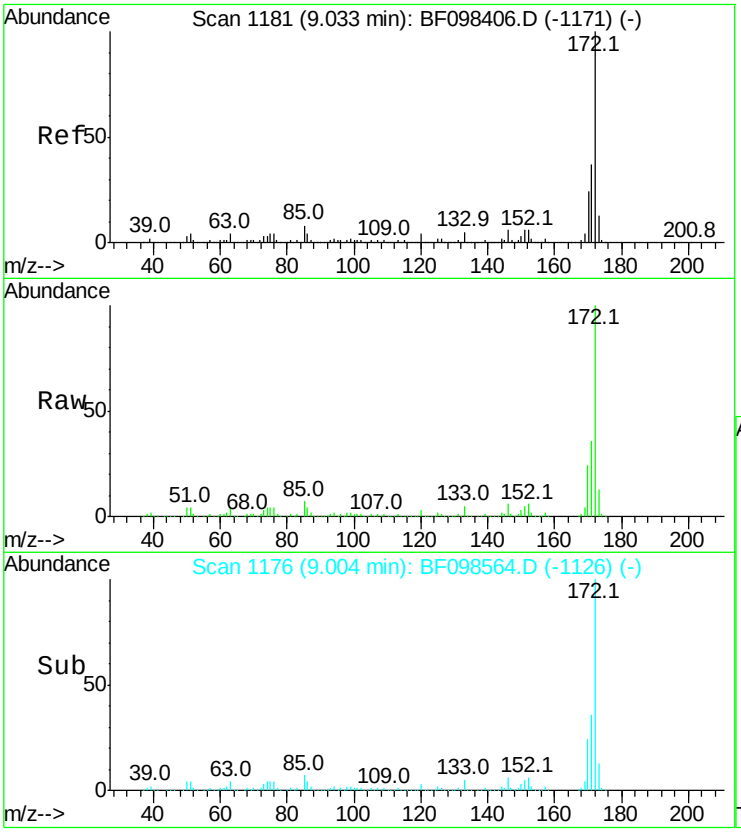


#41
2,4,6-Tribromophenol
Concen: 105.689 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion:330 Resp: 166588

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	42.6	31.4	47.2



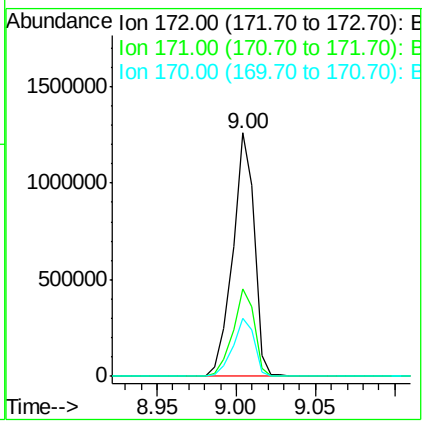


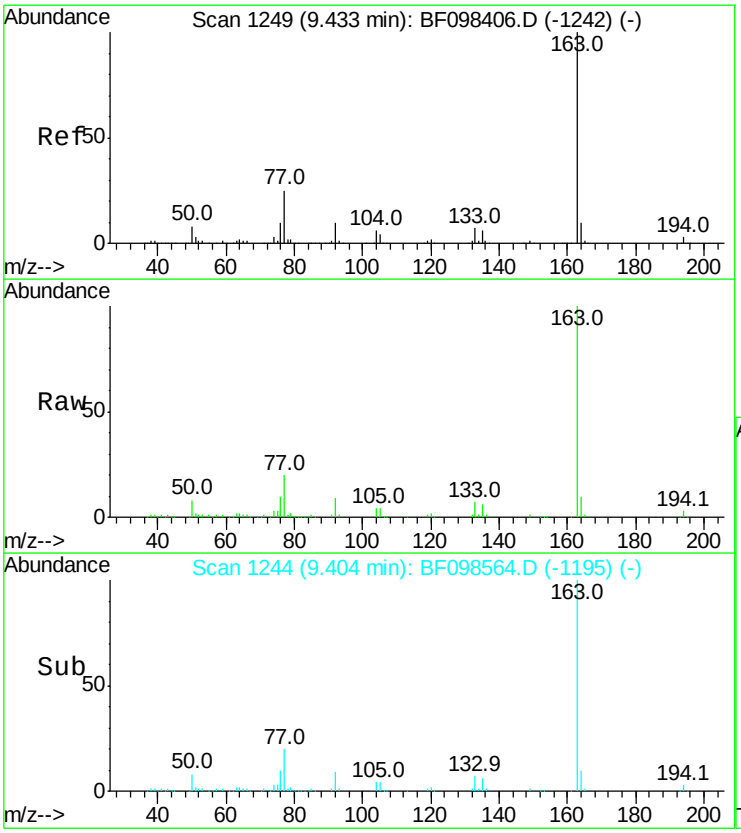
#44
2-Fluorobiphenyl
Concen: 85.081 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion:172 Resp: 1185500

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8

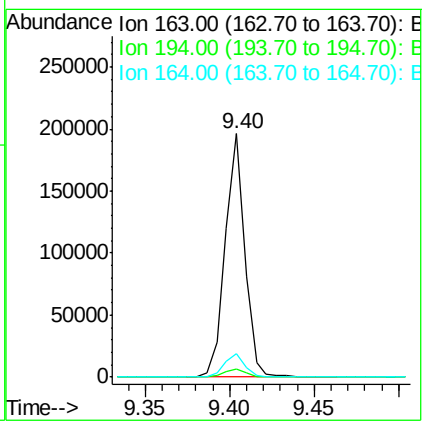


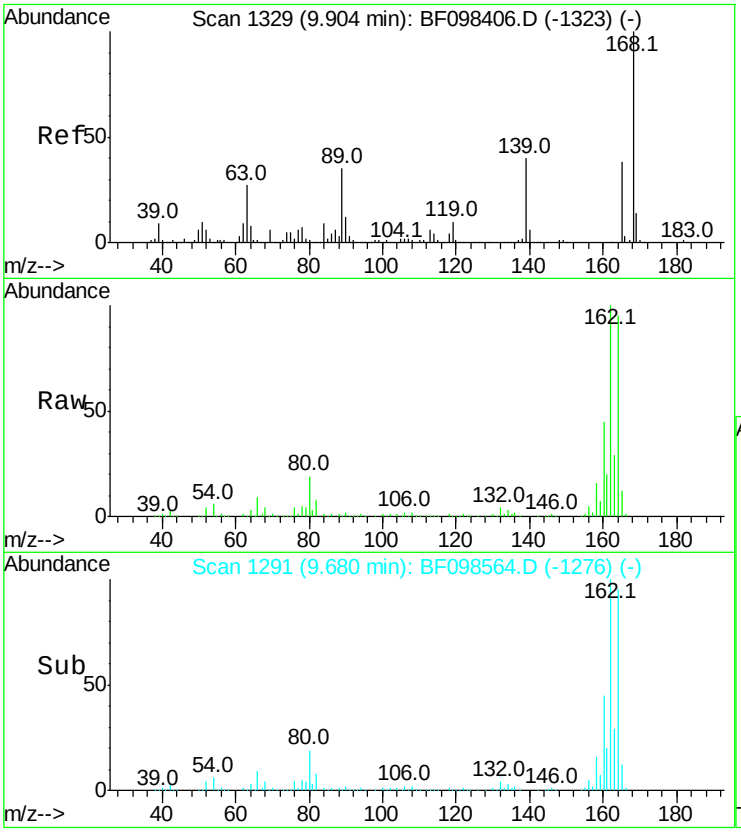


#49
Dimethylphthalate
Concen: 8.605 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion:163 Resp: 157304

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6



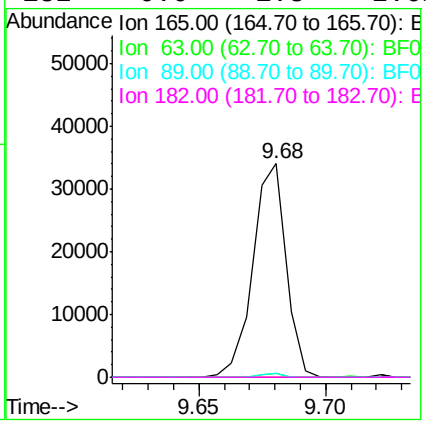


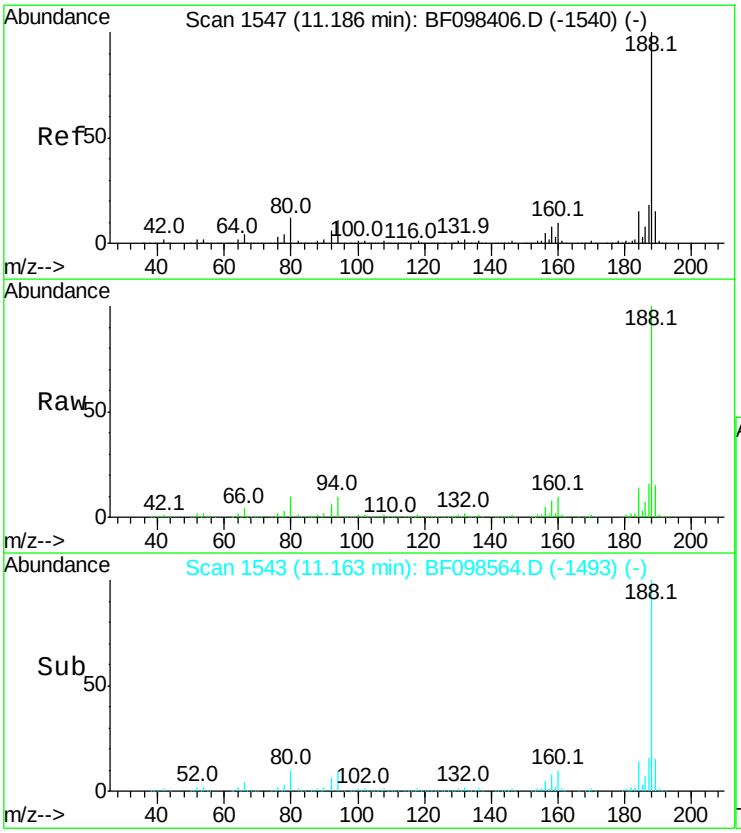
#56
2,4-Dinitrotoluene
Concen: 6.838 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion:165 Resp: 31219

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

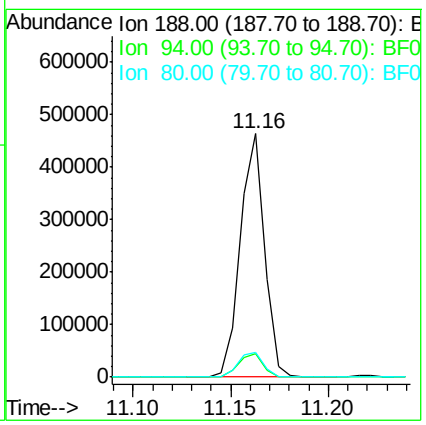


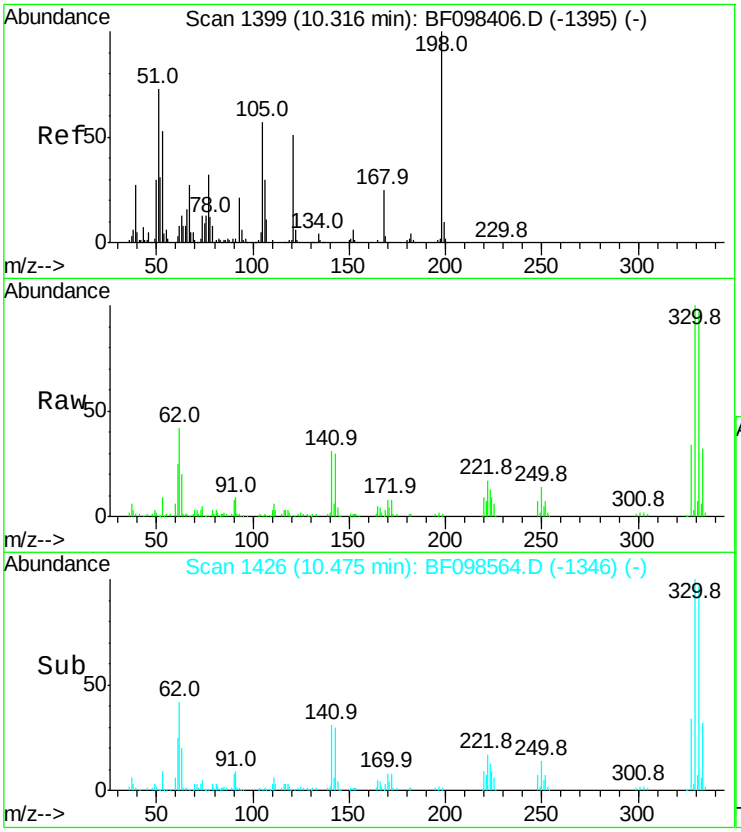


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion:188 Resp: 399842

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.4	10.2	15.2



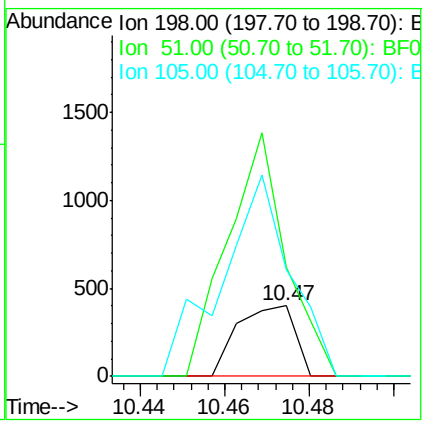


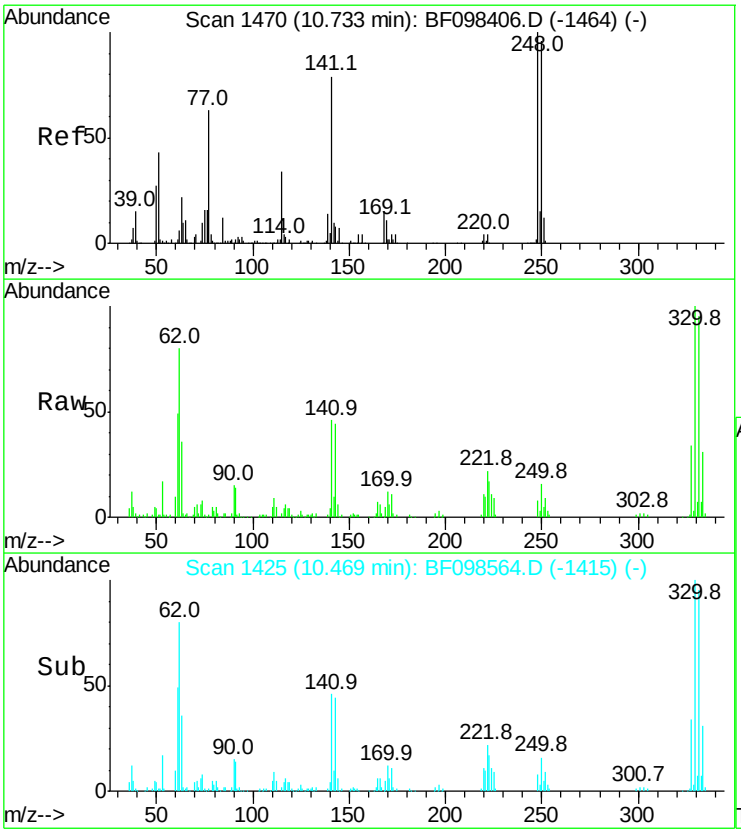
#64
4,6-Dinitro-2-methylphenol
Concen: 5.103 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.17 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion:198 Resp: 380

Ion	Ratio	Lower	Upper
198	100		
51	155.5	53.2	93.2#
105	151.0	45.8	85.8#

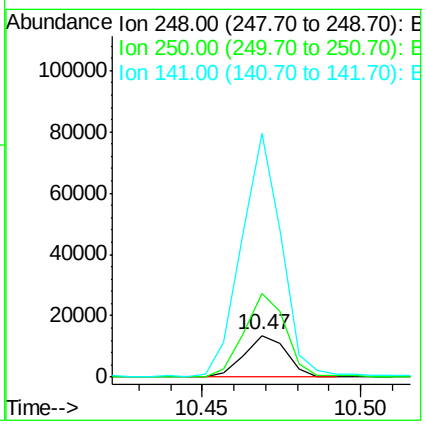


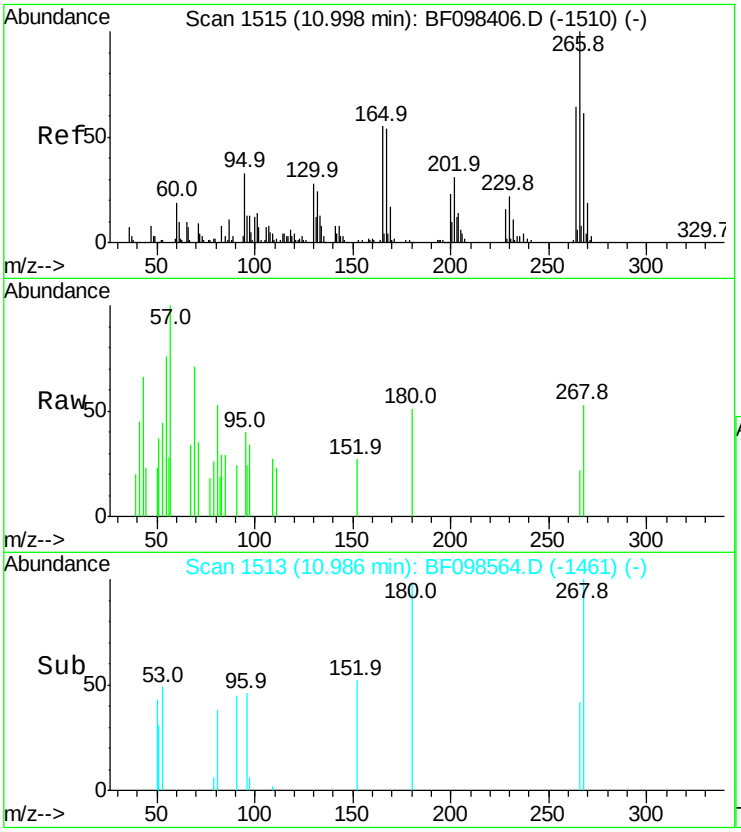


#66
4-Bromophenyl-phenylether
Concen: 3.280 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.24 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion:248 Resp: 12449

Ion	Ratio	Lower	Upper
248	100		
250	202.6	76.8	115.2#
141	586.2	68.6	103.0#



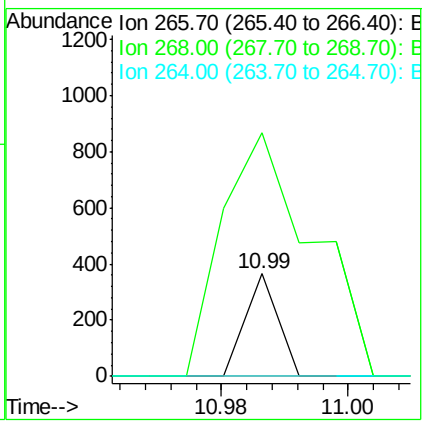


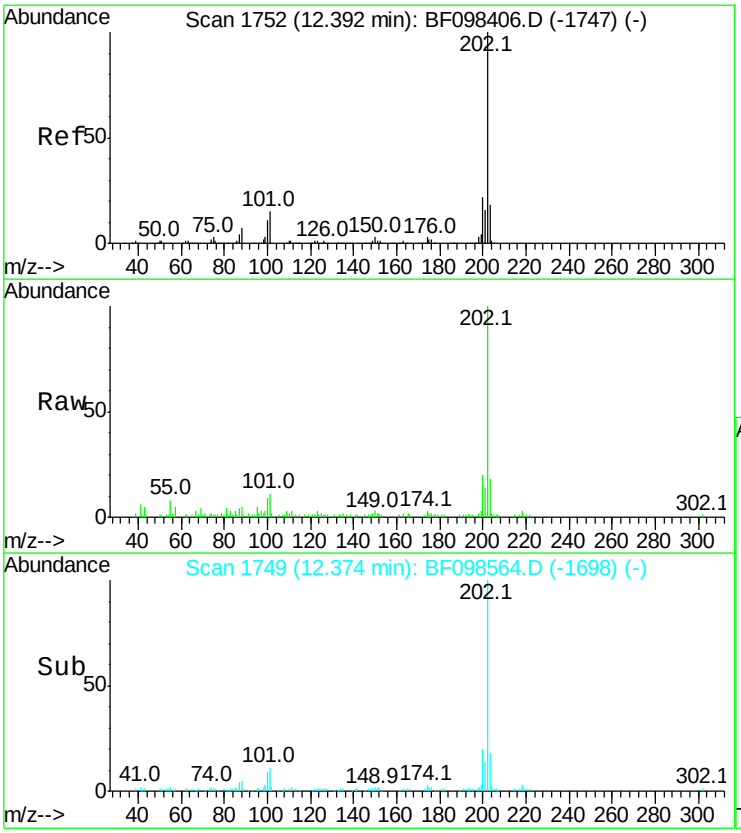
#69
Pentachlorophenol
Concen: 7.008 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion:266 Resp: 129

Ion	Ratio	Lower	Upper
266	100		
268	236.9	51.1	76.7#
264	0.0	51.7	77.5#

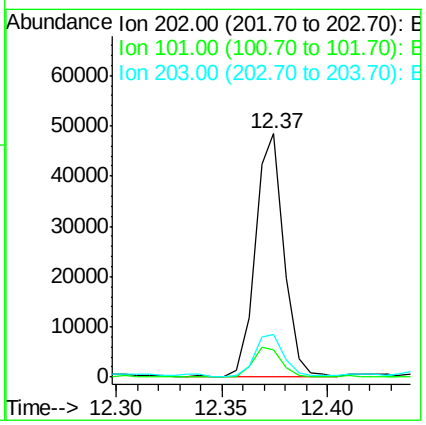


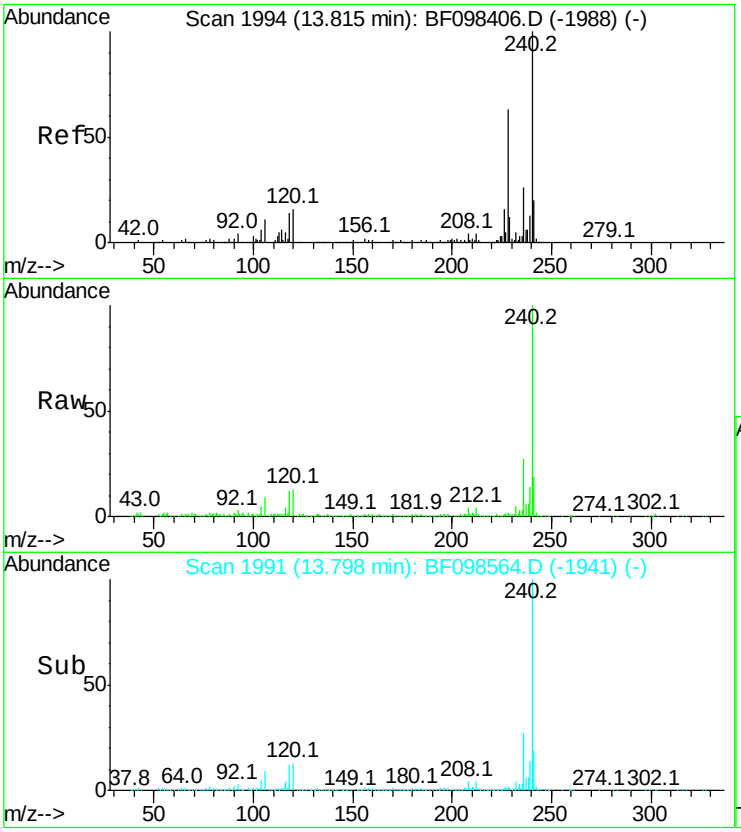


#74
Fluoranthene
Concen: 2.143 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion:202 Resp: 45468

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	17.7	0.0	38.1



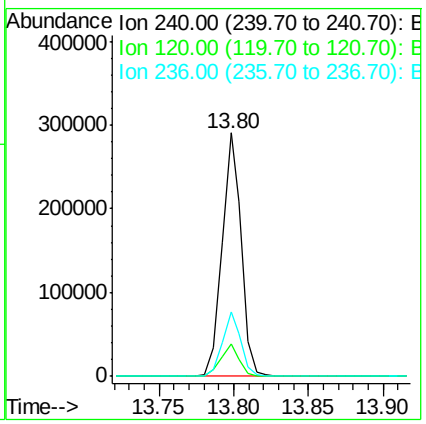


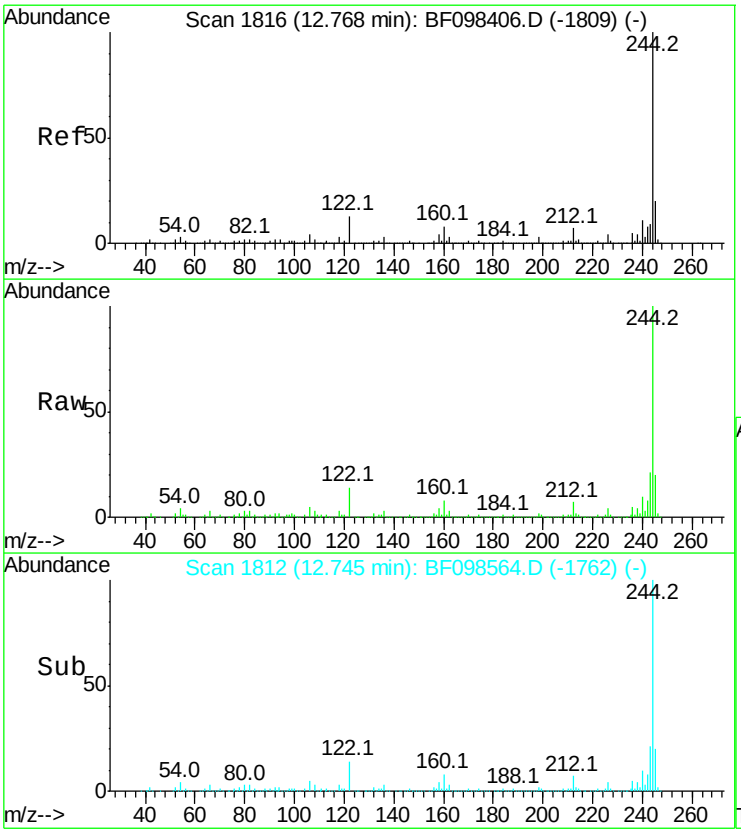
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion:240 Resp: 264426

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	26.5	20.5	30.7

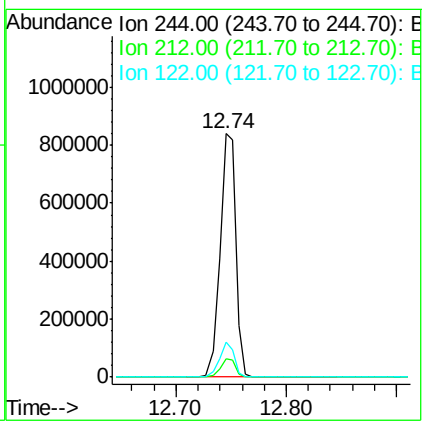


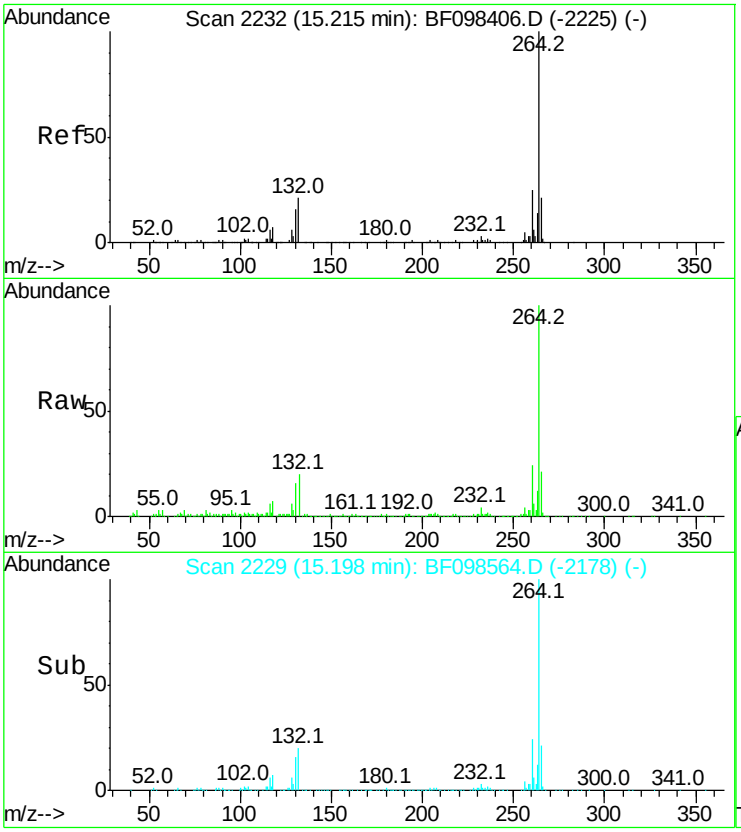


#78
Terphenyl-d14
Concen: 67.994 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion:244 Resp: 832976

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.2	10.3	15.5



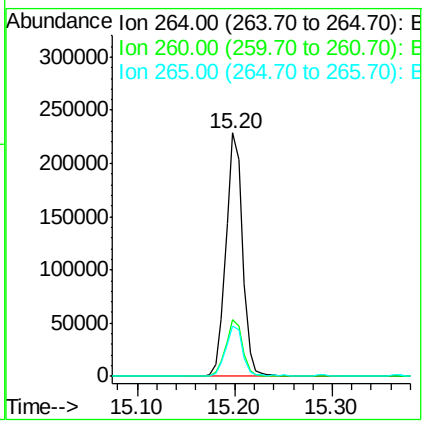


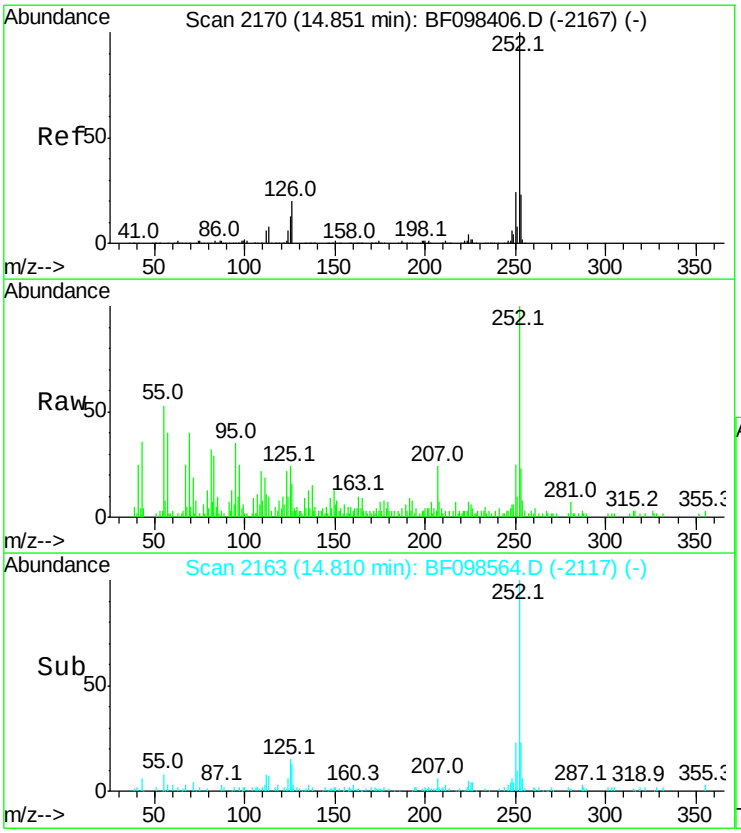
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :
RL-2-17.25-34.5

Tgt Ion:264 Resp: 271481

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.9	17.2	25.8





#88
Benzo(k)fluoranthene
Concen: 2.129 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BF098564.D
Acq: 15 Sep 2017 12:47

Tgt Ion:252 Resp: 33930

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	23.6	13.1	19.7#