Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098524.D
Acq On : 14 Sep 2017 12:53
Operator : SJ/JU
Sample : I5208-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-ARE

Quant Time: Sep 14 15:42:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 15:40:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	137937	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	564079	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	250578	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	446349	20.00	ng		0.00
75) Chrysene-d12	13.79	240	262953	20.00	ng		-0.01
86) Perylene-d12	15.19	264	288037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	815465	87.41	ng		0.01
7) Phenol-d6	6.30	99	941600	79.49	ng		0.00
23) Nitrobenzene-d5	7.22	82	635497	62.81	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	208171	124.47	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1122669	75.94	ng		0.00
78) Terphenyl-d14	12.74	244	911871	74.85	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	18361	2.371	ng		83
19) n-Nitroso-di-n-propylamine	7.22	70	84662	11.363	ng	#	80
25) Isophorone	7.22	82	631420	30.844	ng	#	67
31) Naphthalene	7.95	128	76150	2.731	ng		99
32) Benzoic acid	7.75	122	1593	8.193	ng	#	17
49) Dimethylphthalate	9.68	163	73814	3.805	ng	#	1
50) 2,6-Dinitrotoluene	9.68	165	31432	7.889	ng	#	34
56) 2,4-Dinitrotoluene	9.68	165	31432	6.489	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.47	198	475	5.120	ng	#	1
66) 4-Bromophenyl-phenylether	10.47	248	16252	3.836	ng	#	1

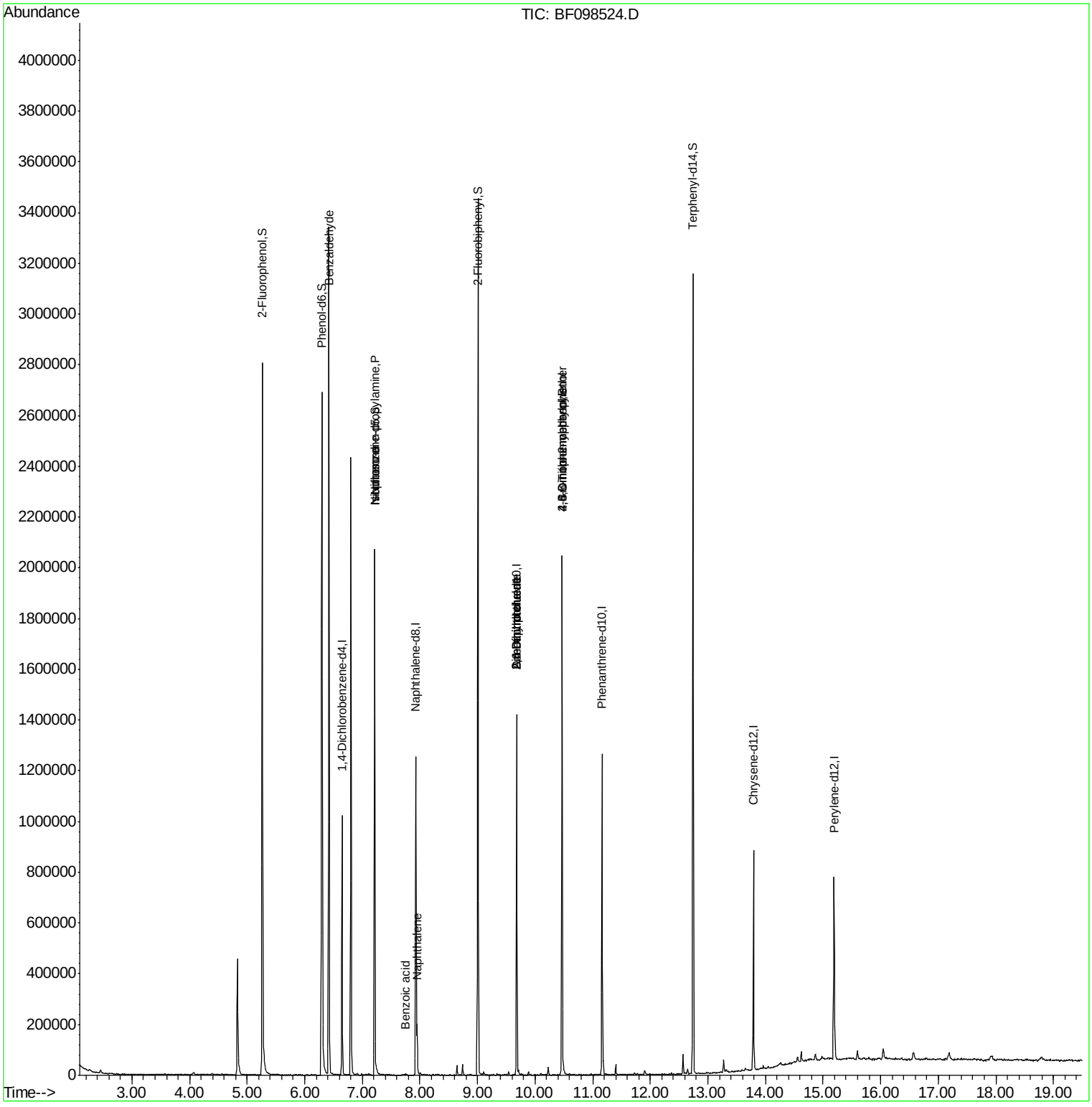
(#) = qualifier out of range (m) = manual integration (+) = signals summed

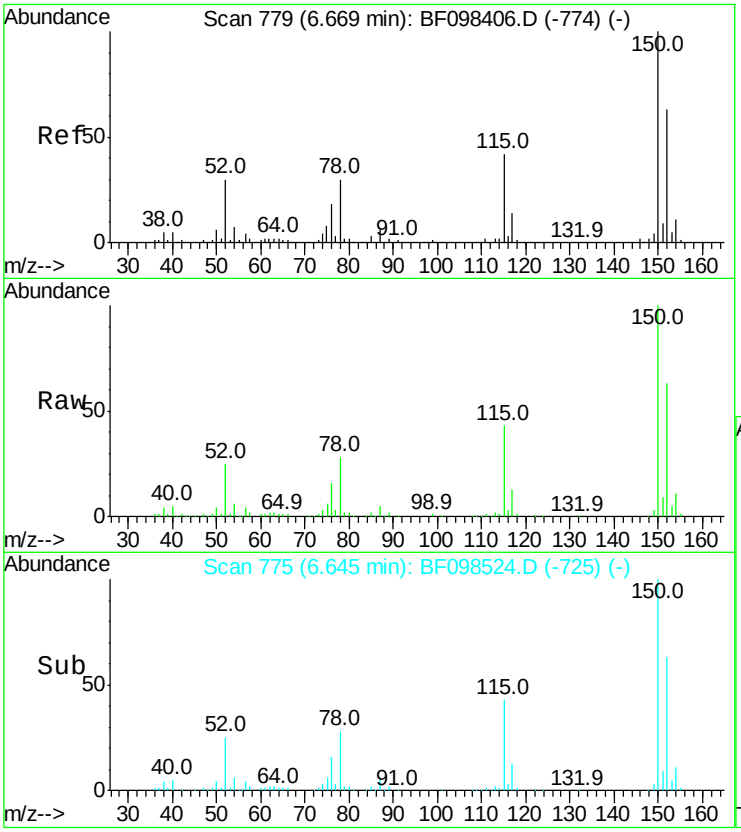
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098524.D
Acq On : 14 Sep 2017 12:53
Operator : SJ/JU
Sample : I5208-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Quant Time: Sep 14 15:42:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 15:40:22 2017
Response via : Initial Calibration



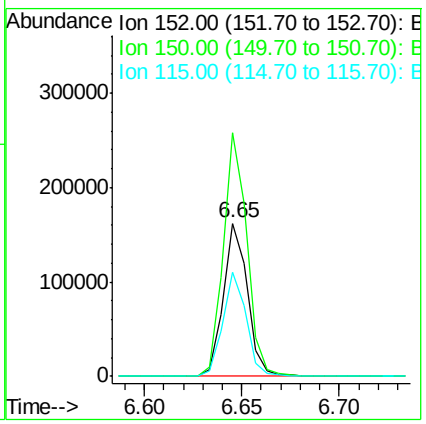


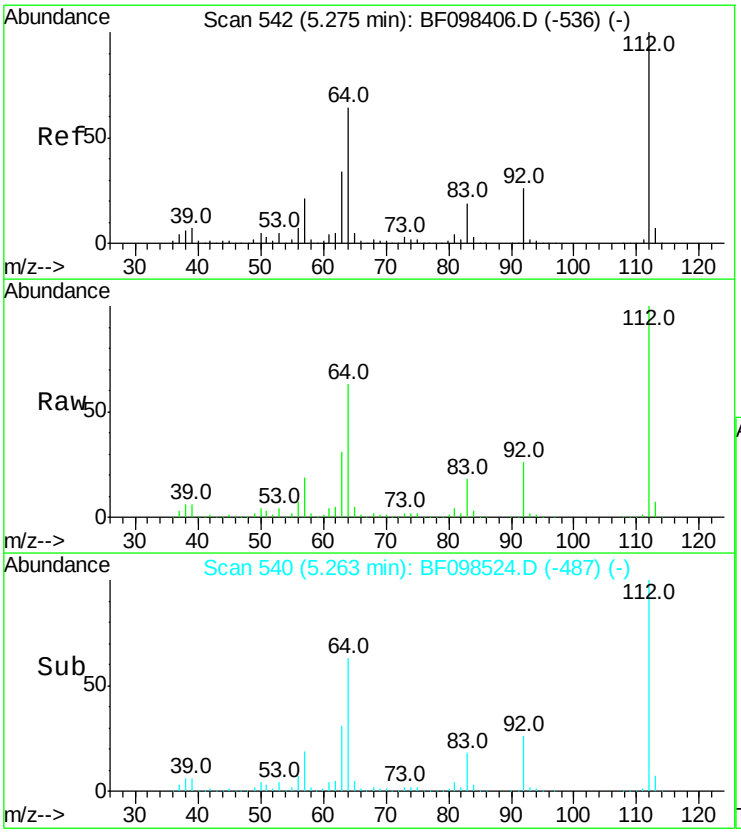
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion:152 Resp: 137937

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	68.2	52.2	78.2

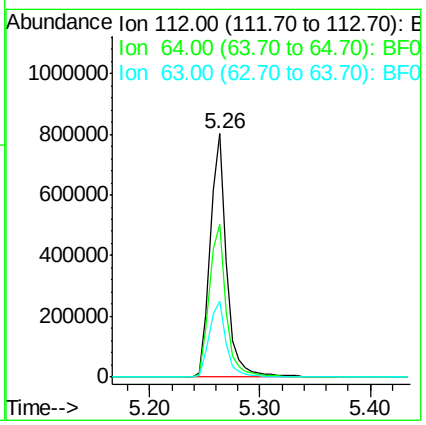


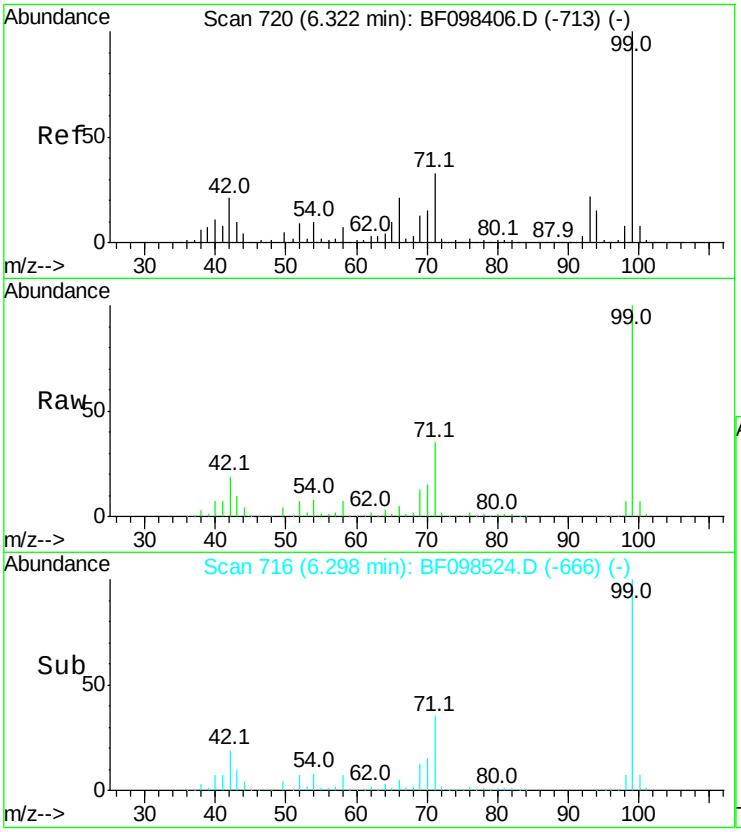


#5
2-Fluorophenol
Concen: 87.408 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:112 Resp: 815465

Ion	Ratio	Lower	Upper
112	100		
64	62.8	46.0	69.0
63	31.3	23.4	35.0



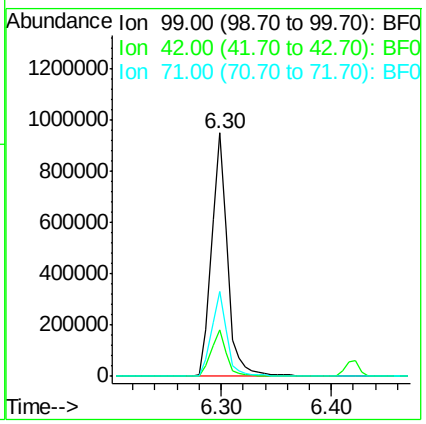


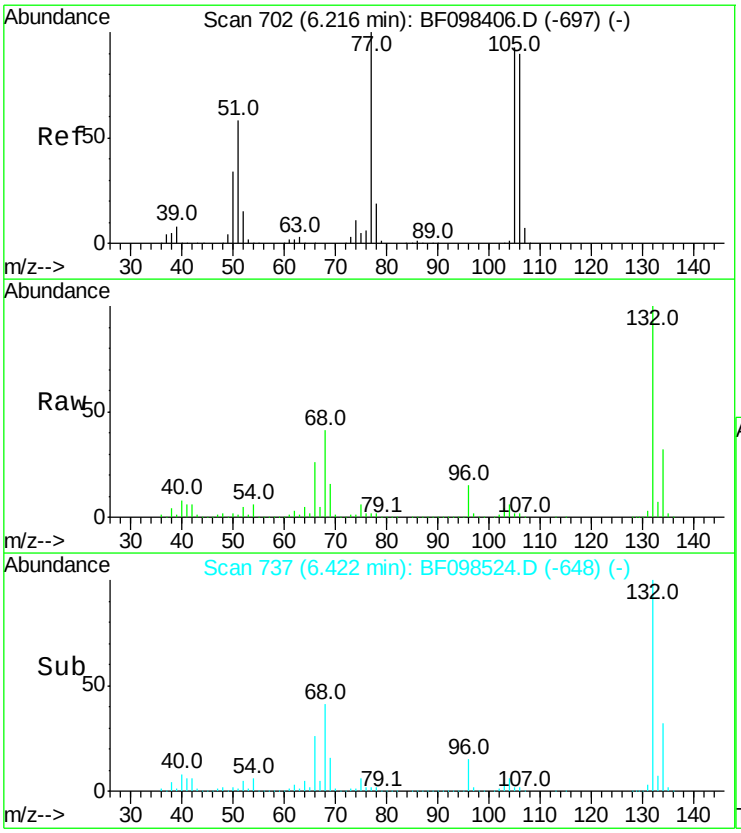
#7
Phenol-d6
Concen: 79.492 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion: 99 Resp: 941600

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.5	20.3
71	34.9	24.5	36.7

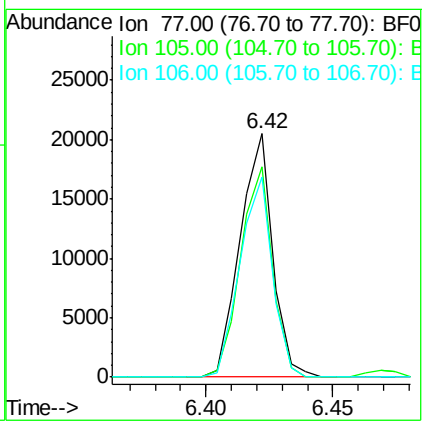


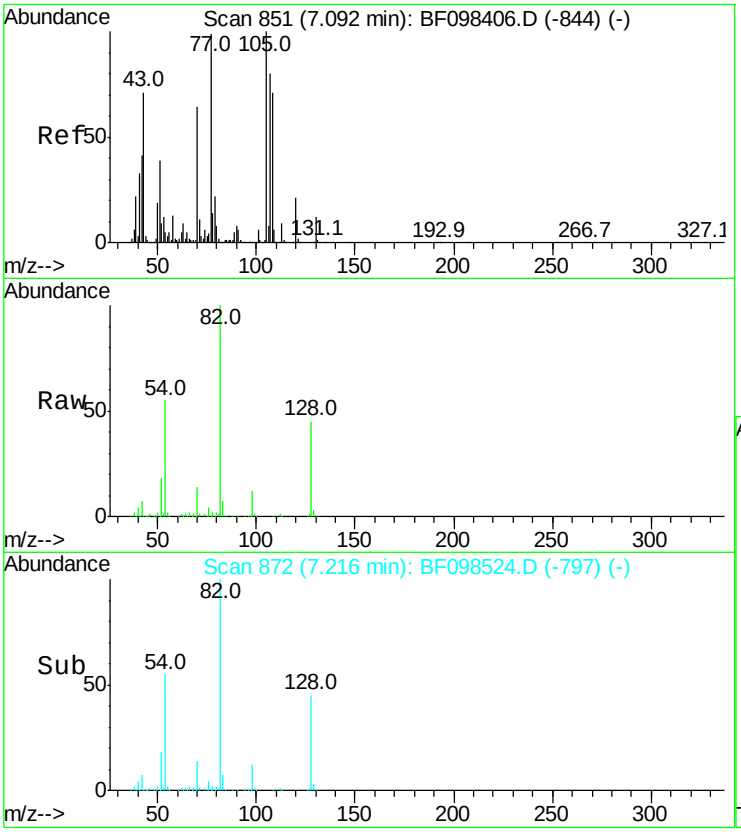


#9
Benzaldehyde
Concen: 2.371 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.22 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion: 77 Resp: 18361

Ion	Ratio	Lower	Upper
77	100		
105	86.3	83.8	123.8
106	82.2	79.1	119.1



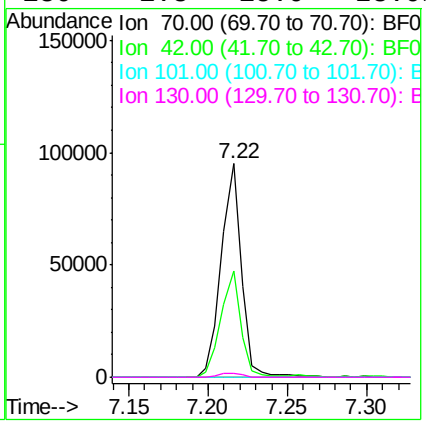


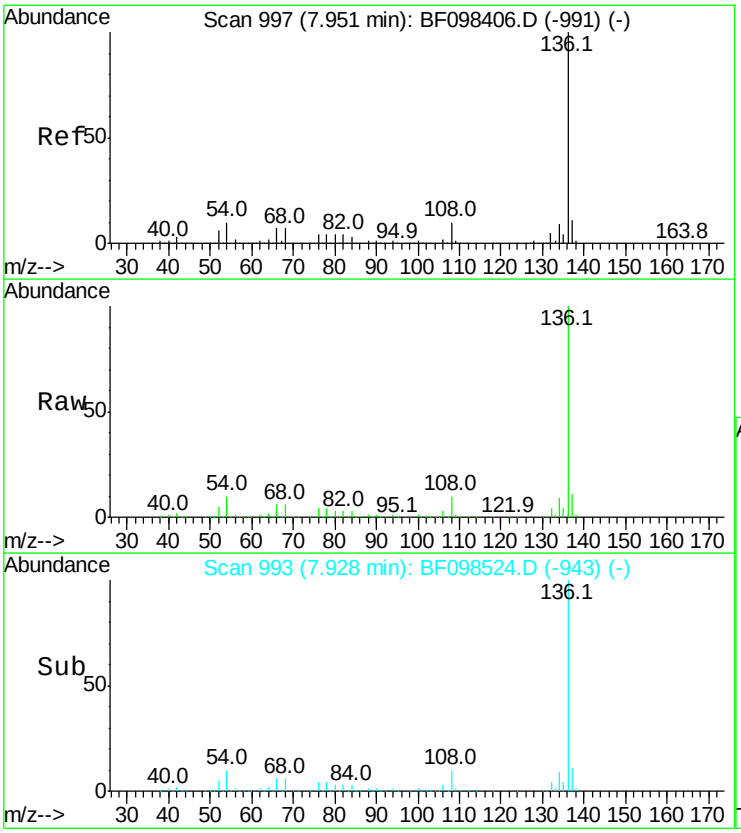
#19
n-Nitroso-di-n-propylamine
Concen: 11.363 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion: 70 Resp: 84662

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.2	70.8
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#

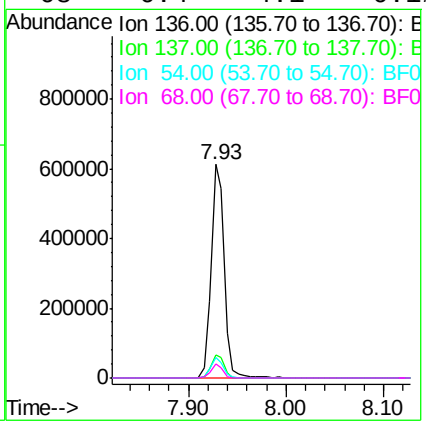


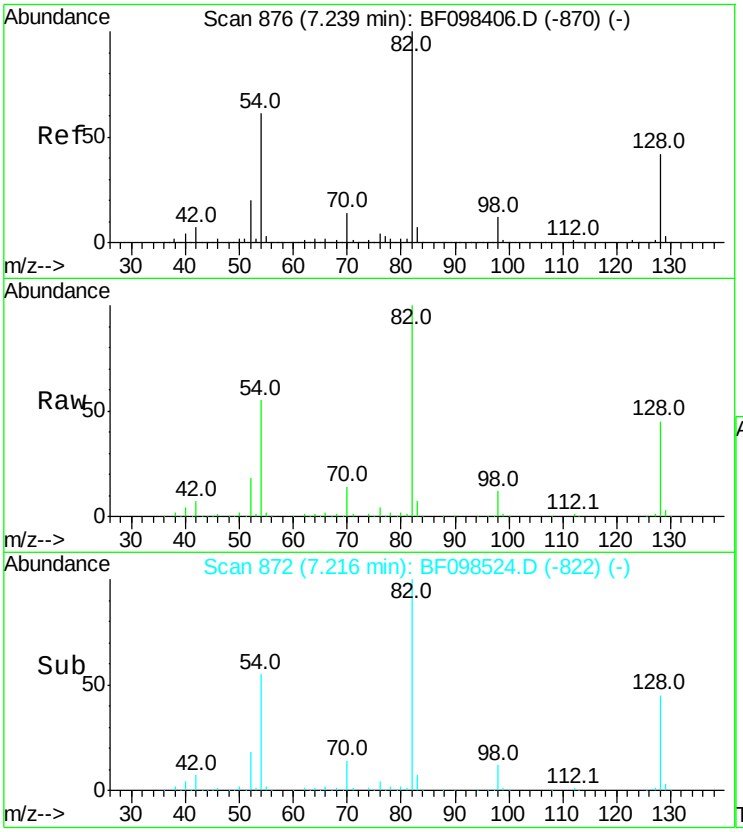


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:136 Resp: 564079

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.7	4.9	7.3#
68	6.4	4.1	6.1#



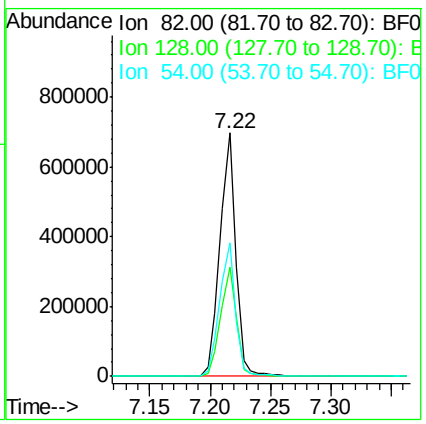


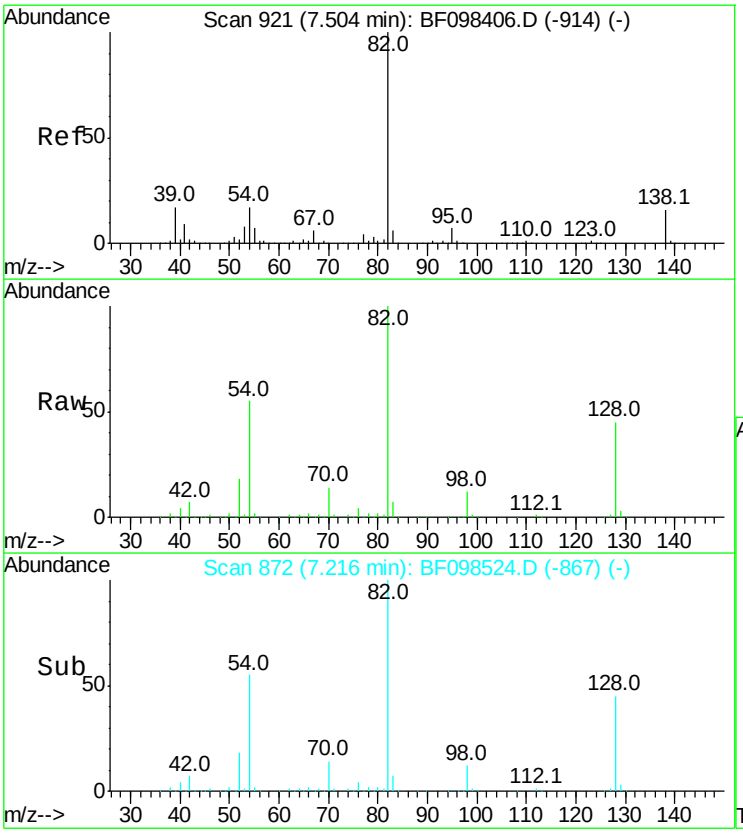
#23
Nitrobenzene-d5
Concen: 62.808 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion: 82 Resp: 635497

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	55.0	42.2	63.2

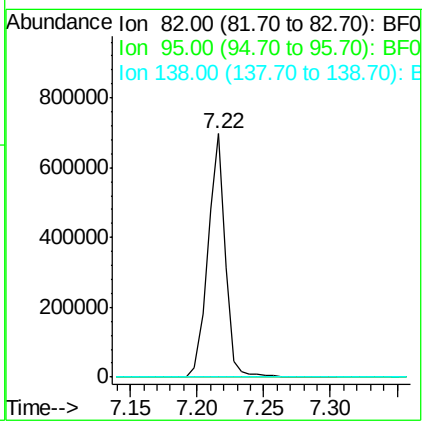


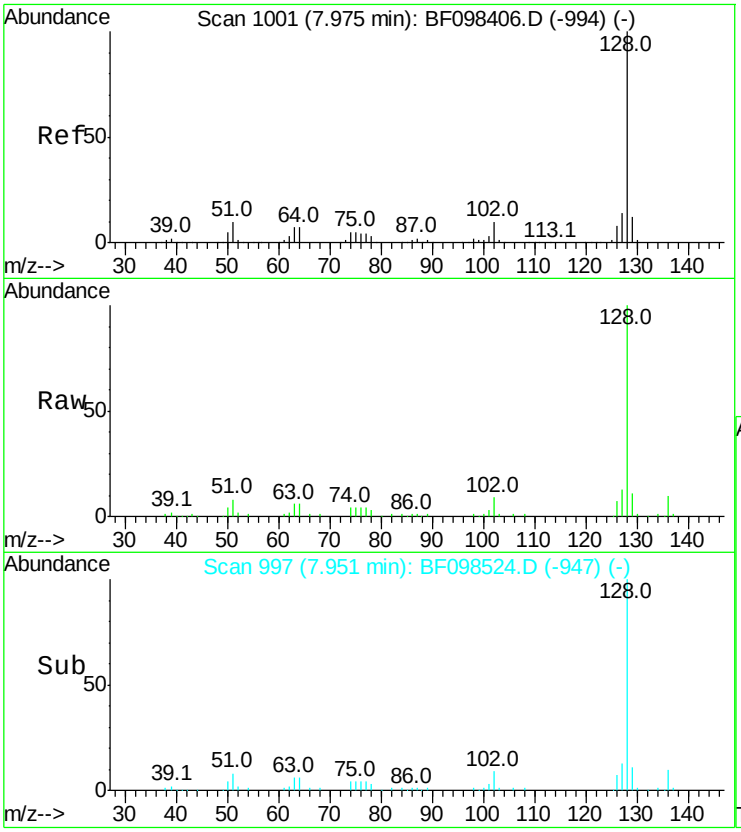


#25
Isophorone
Concen: 30.844 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.27 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion: 82 Resp: 631420

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



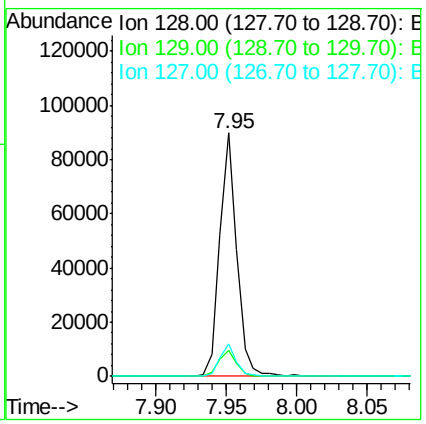


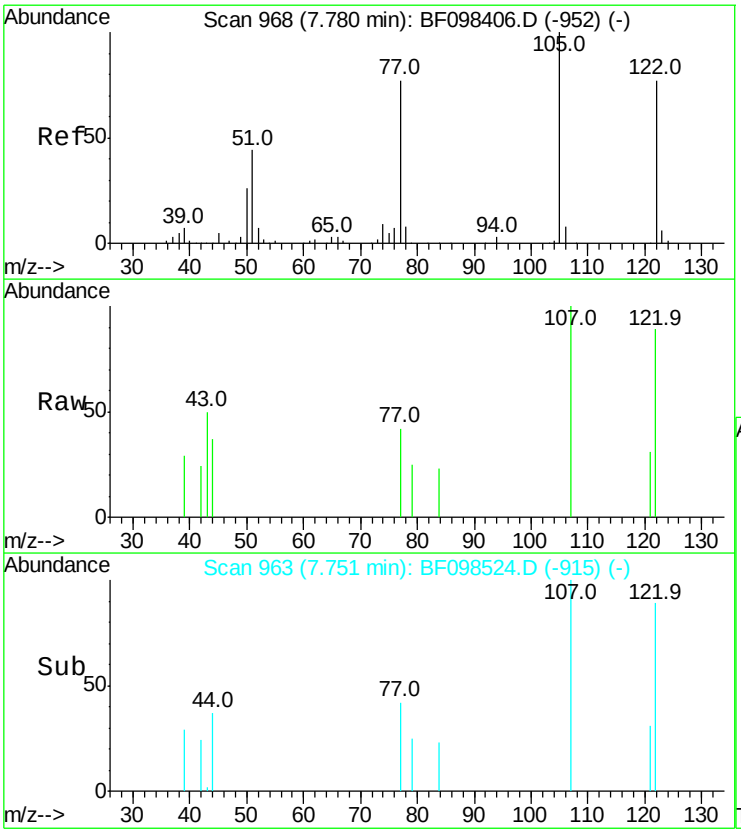
#31
Naphthalene
Concen: 2.731 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion:128 Resp: 76150

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.2	10.8	16.2

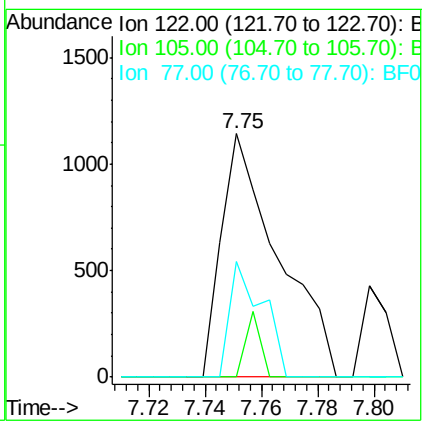


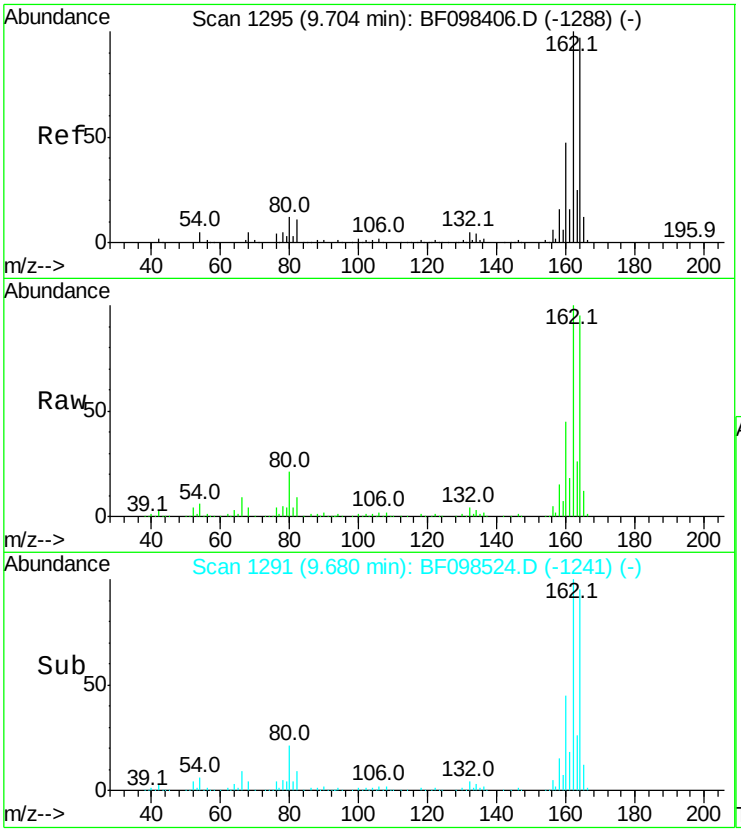


#32
Benzoic acid
Concen: 8.193 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:122 Resp: 1593

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	47.4	73.7	113.7#



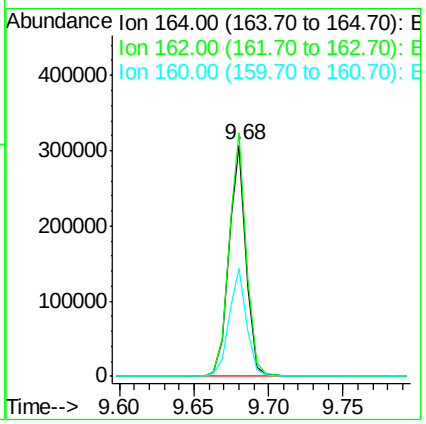


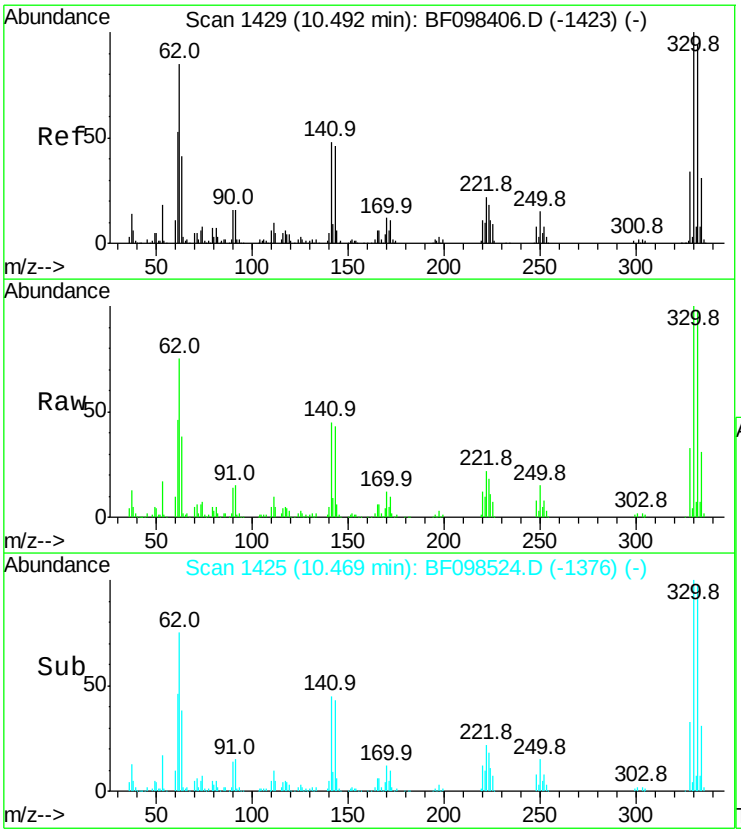
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion:164 Resp: 250578

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	47.0	36.2	54.2

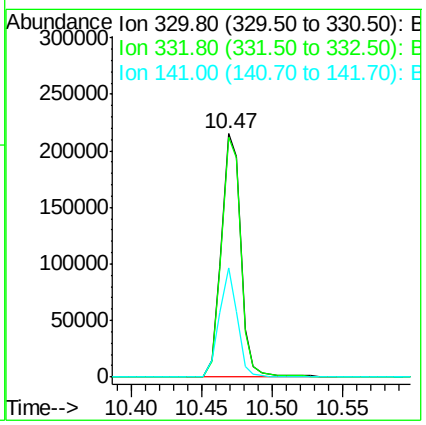


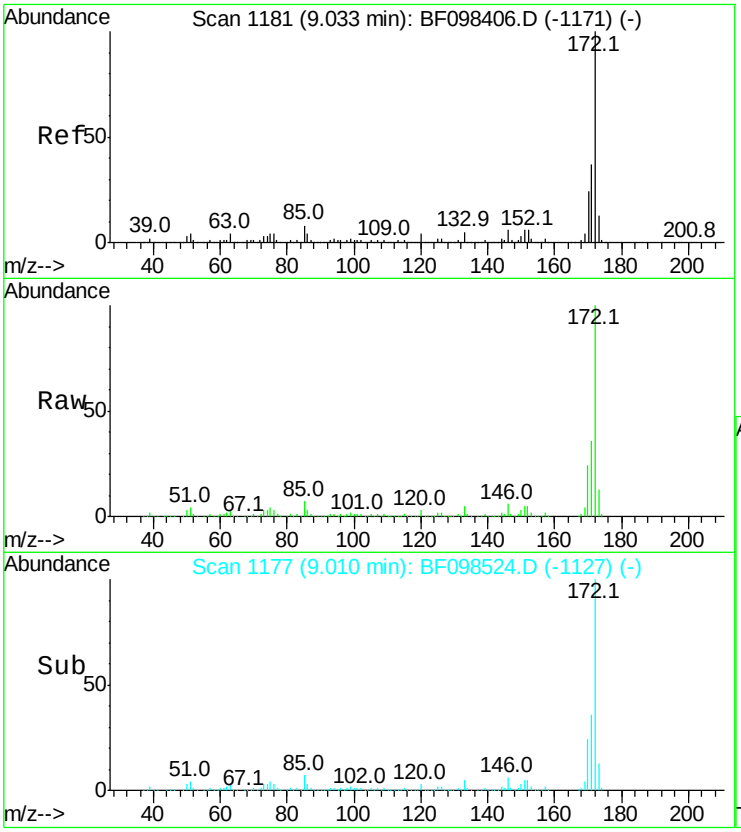


#41
2,4,6-Tribromophenol
Concen: 124.474 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:330 Resp: 208171

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	115.0
141	41.6	31.4	47.2



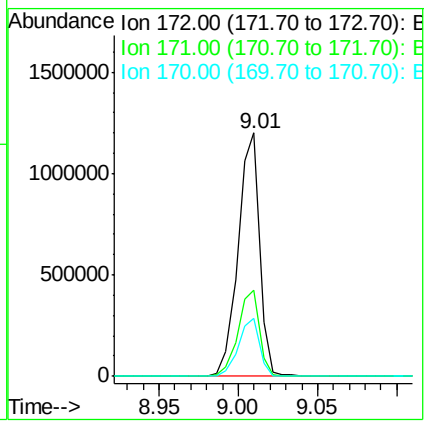


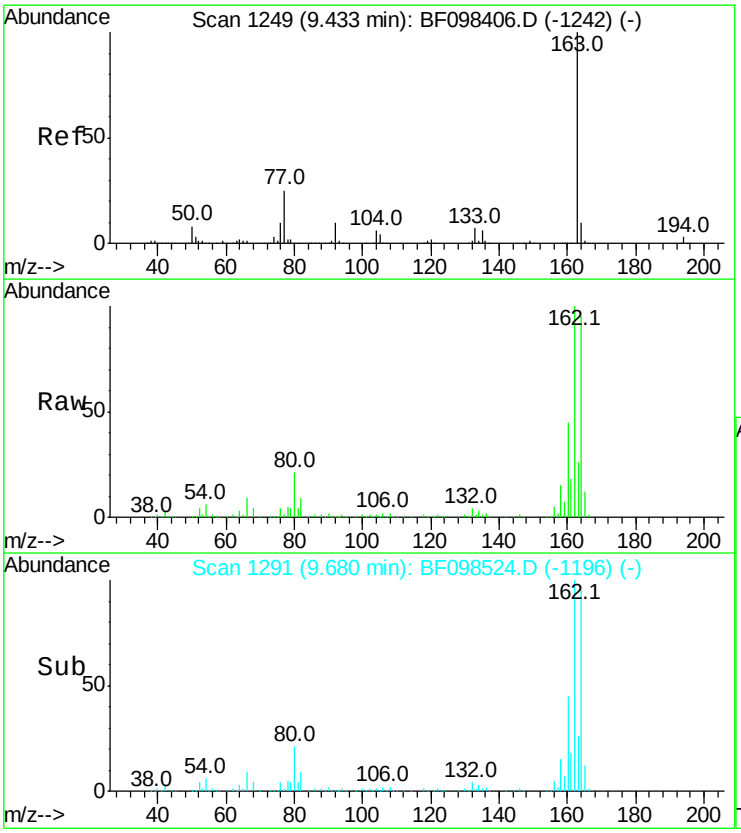
#44
2-Fluorobiphenyl
Concen: 75.938 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion:172 Resp: 1122669

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.8	19.8	29.8

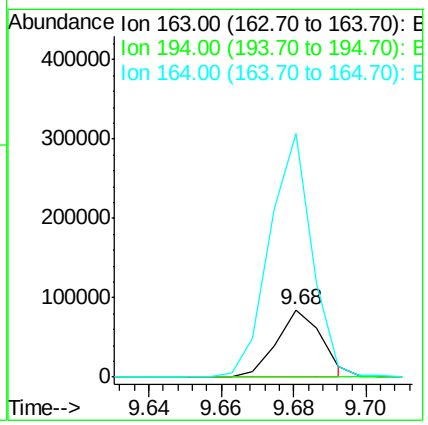


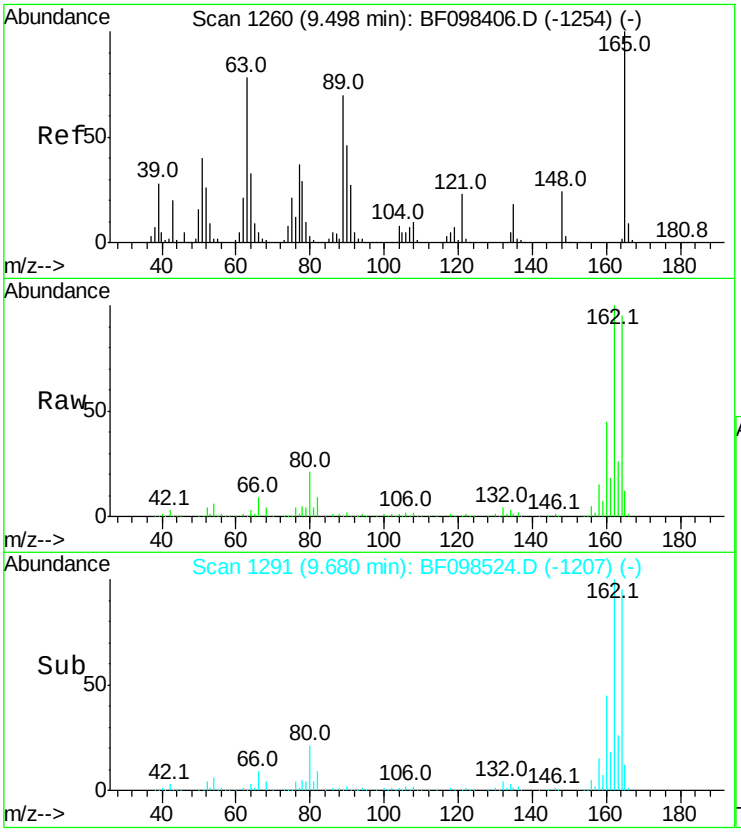


#49
Dimethylphthalate
Concen: 3.805 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.26 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:163 Resp: 73814

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	362.1	8.4	12.6#



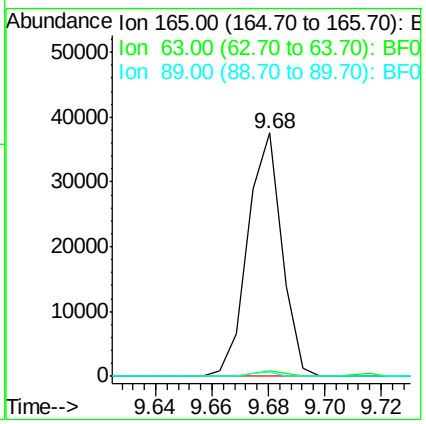


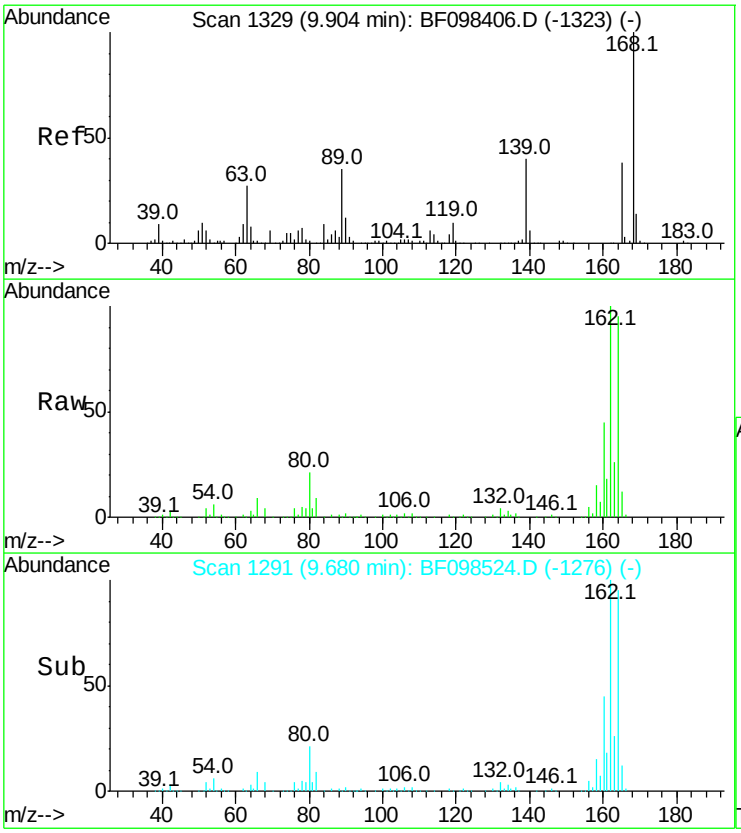
#50
2,6-Dinitrotoluene
Concen: 7.889 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion:165 Resp: 31432

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.6	37.1	55.7#

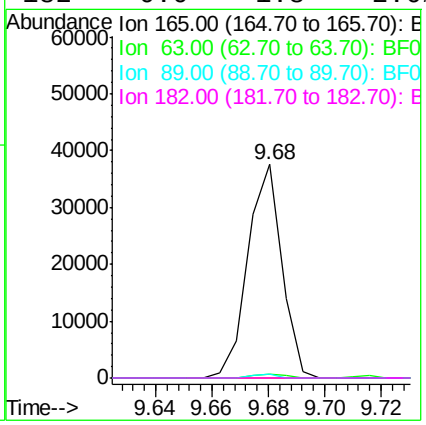


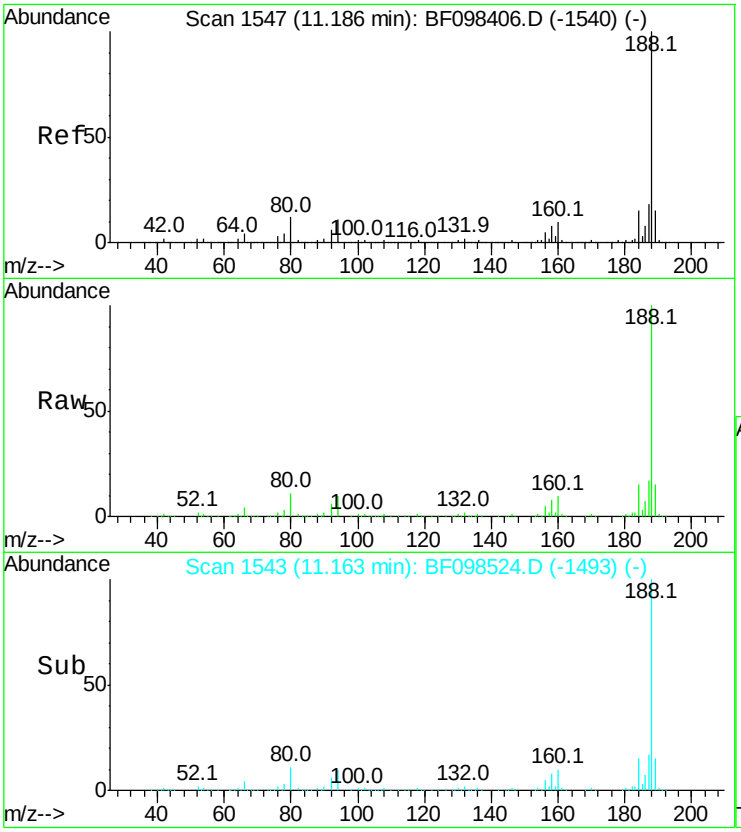


#56
2,4-Dinitrotoluene
Concen: 6.489 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:165 Resp: 31432

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



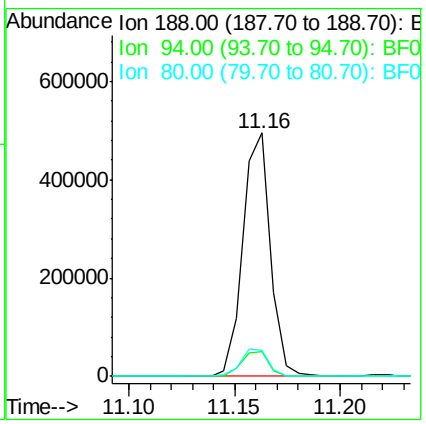


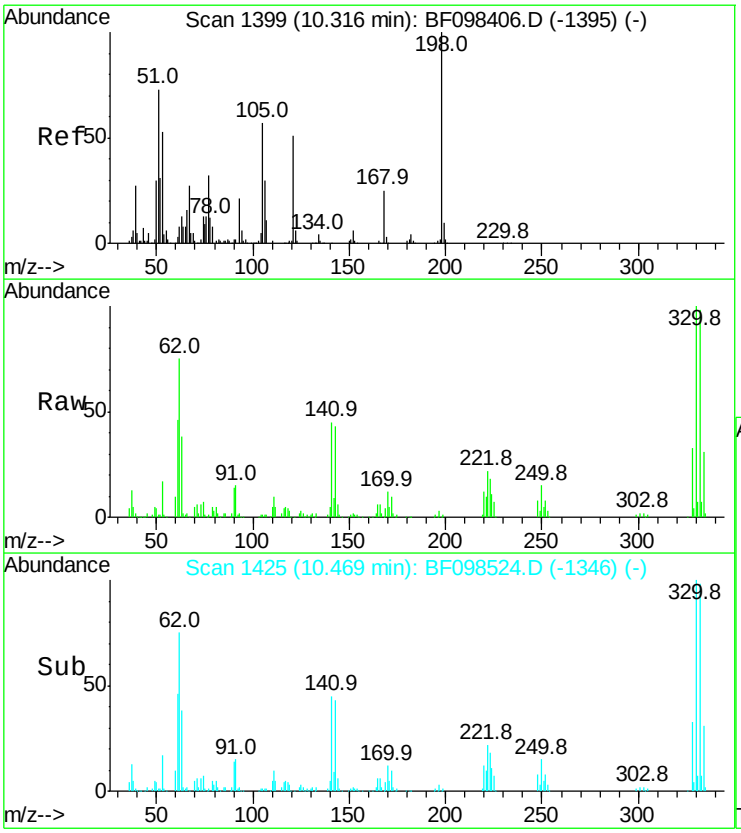
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion:188 Resp: 446349

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.7	10.2	15.2

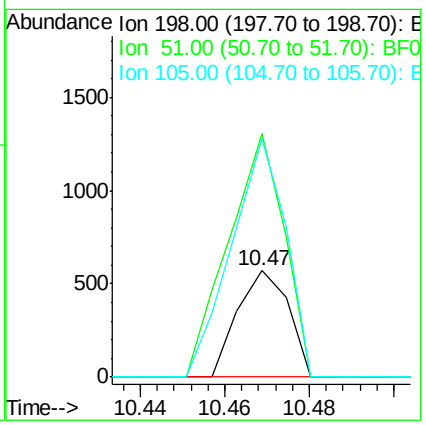


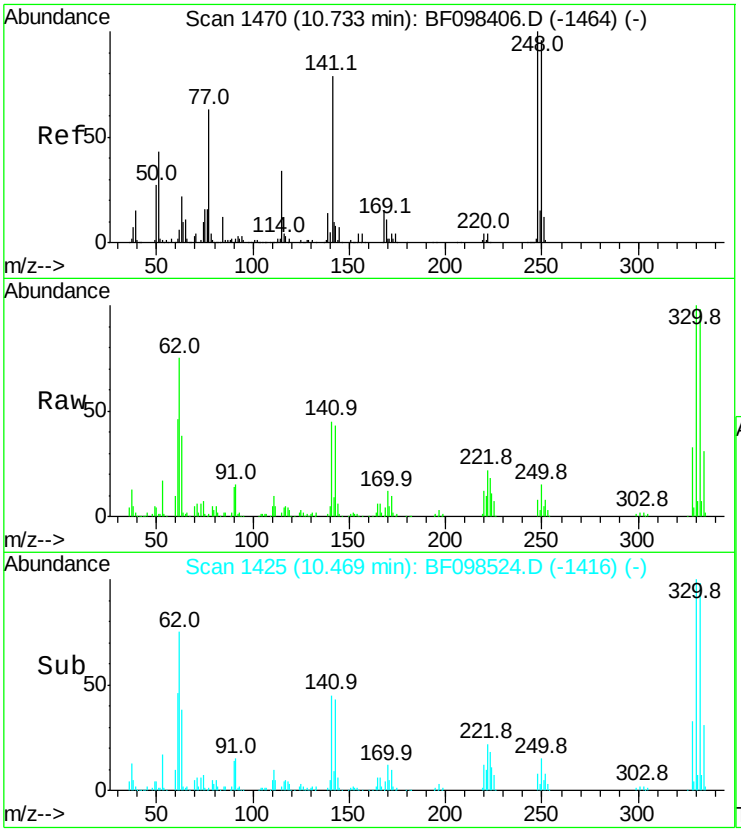


#64
4,6-Dinitro-2-methylphenol
Concen: 5.120 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.16 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:198 Resp: 475

Ion	Ratio	Lower	Upper
198	100		
51	228.9	53.2	93.2#
105	224.6	45.8	85.8#



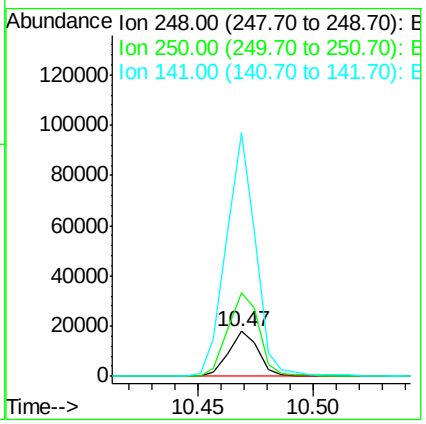


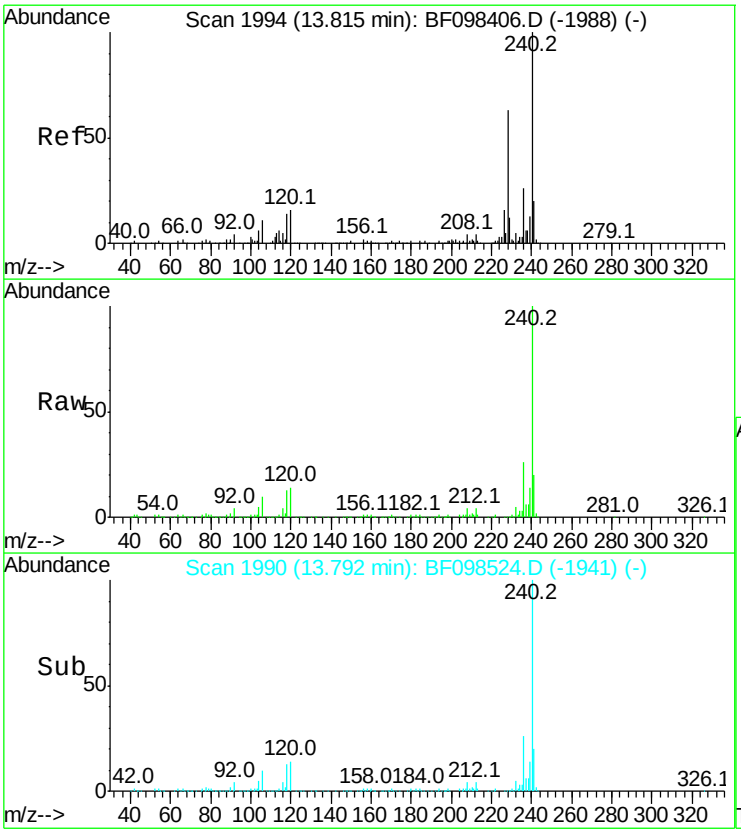
#66
4-Bromophenyl-phenylether
Concen: 3.836 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion:248 Resp: 16252

Ion	Ratio	Lower	Upper
248	100		
250	185.1	76.8	115.2#
141	539.6	68.6	103.0#

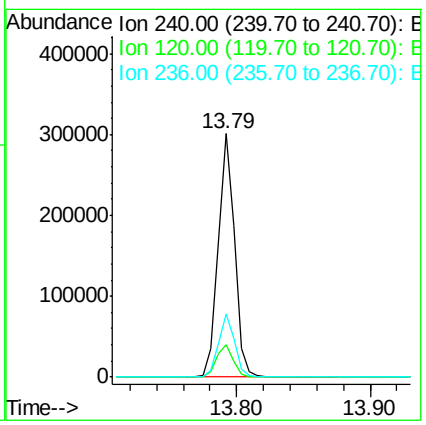


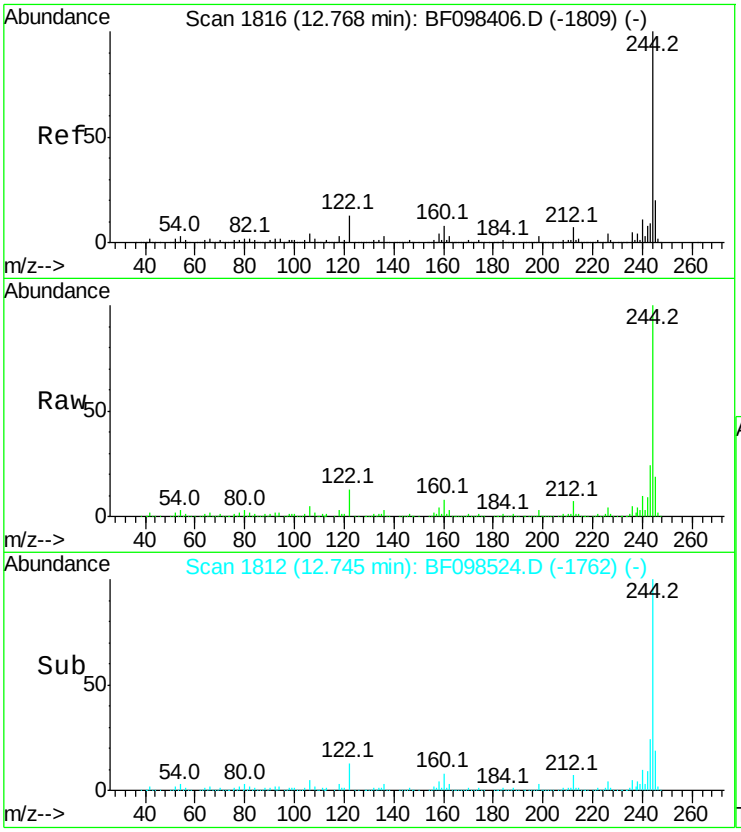


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:240 Resp: 262953

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.9	20.5	30.7



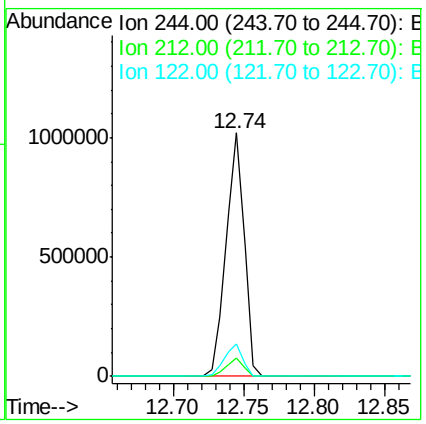


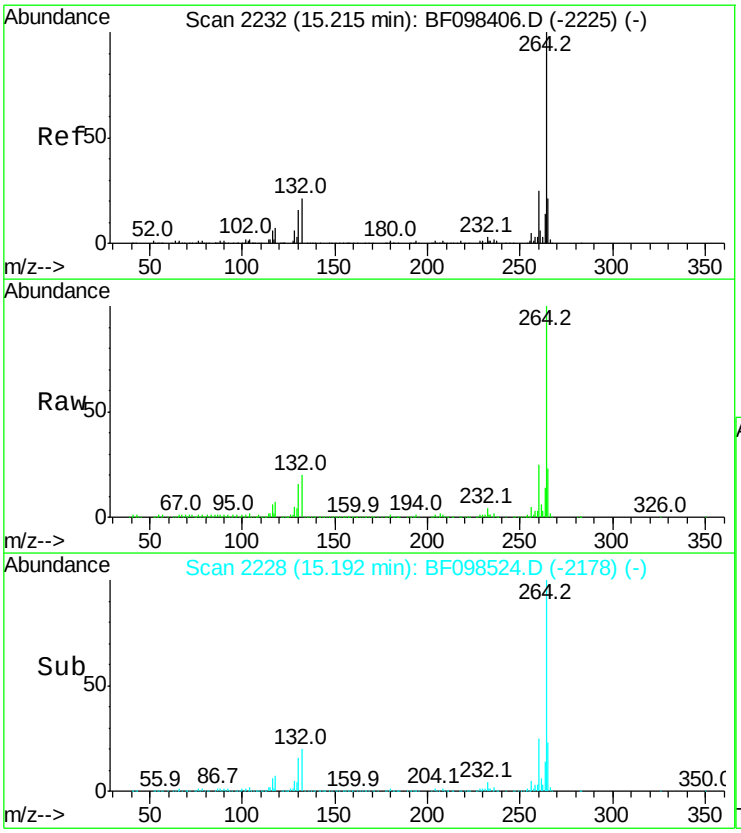
#78
Terphenyl-d14
Concen: 74.851 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Tgt Ion:244 Resp: 911871

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.1	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:264 Resp: 288037

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.6	17.2	25.8