Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098523.D
Acq On : 14 Sep 2017 12:26
Operator : SJ/JU
Sample : I5203-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A4129

Quant Time: Sep 14 15:41:34 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	136514	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	564701	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	253057	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	464312	20.00	ng	0.00
75) Chrysene-d12	13.79	240	273435	20.00	ng	-0.01
86) Perylene-d12	15.19	264	289607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1111214	120.35	ng	0.02
7) Phenol-d6	6.30	99	1259099	107.40	ng	0.00
23) Nitrobenzene-d5	7.22	82	902300	89.08	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	294552	174.40	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1536324	102.90	ng	0.00
78) Terphenyl-d14	12.75	244	1252107	98.84	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	118000	16.002	ng	# 82
25) Isophorone	7.22	82	894123	43.628	ng	# 67
32) Benzoic acid	7.73	122	373	8.022	ng	# 52
49) Dimethylphthalate	9.68	163	76178	3.889	ng	# 1
50) 2,6-Dinitrotoluene	9.68	165	33131	8.234	ng	# 33
56) 2,4-Dinitrotoluene	9.68	165	33131	6.773	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.47	198	572	5.144	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	21965	4.984	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 : BF098523.D
Acq On : 14 Sep 2017 12:26
Operator : SJ/JU
Sample : I5203-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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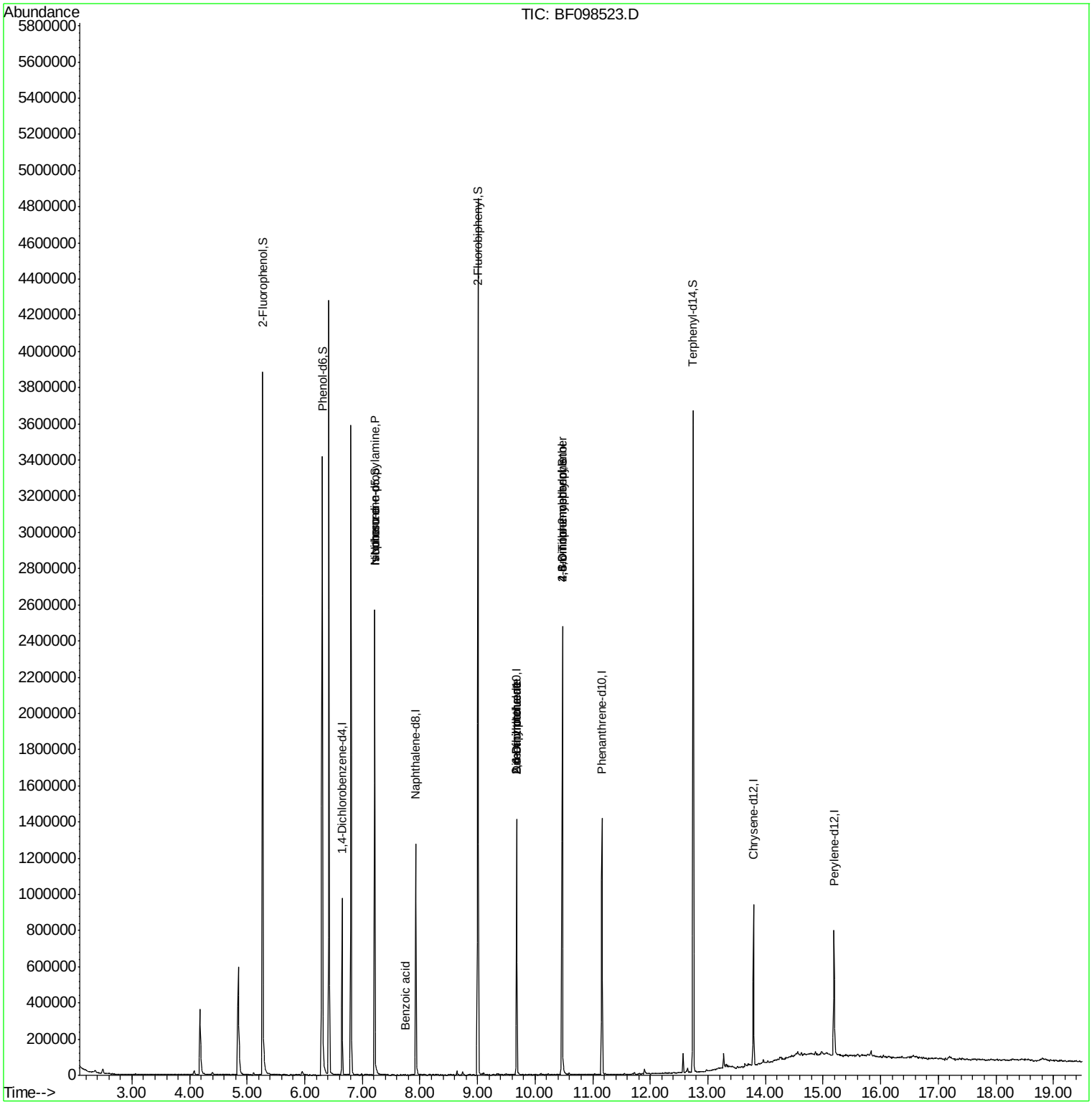
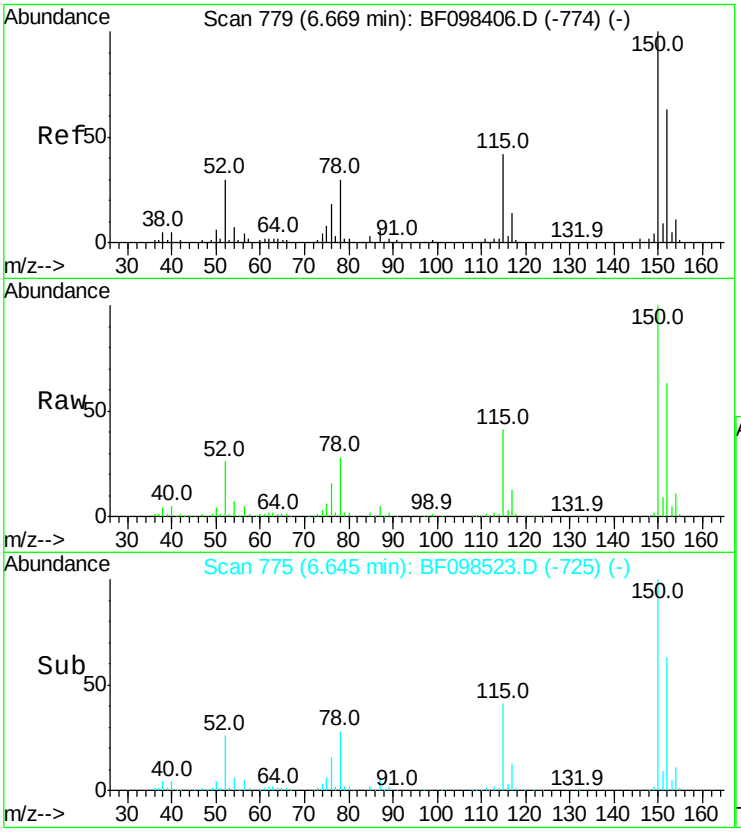


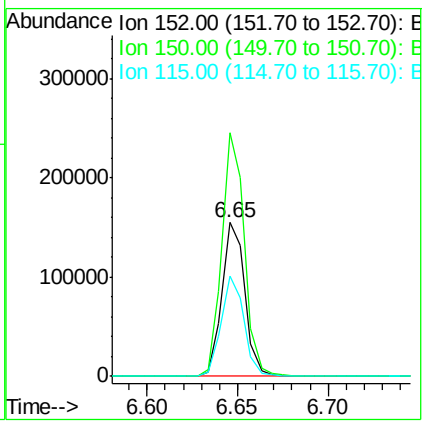


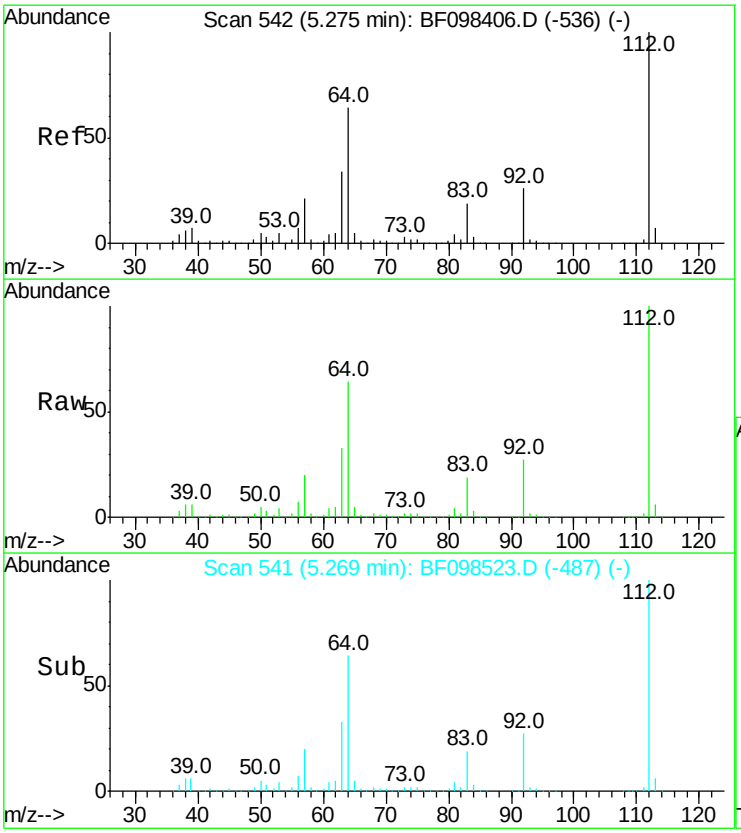
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument :
BNA_F
ClientSampleId :
A4129

Tgt Ion:152 Resp: 136514

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	65.4	52.2	78.2

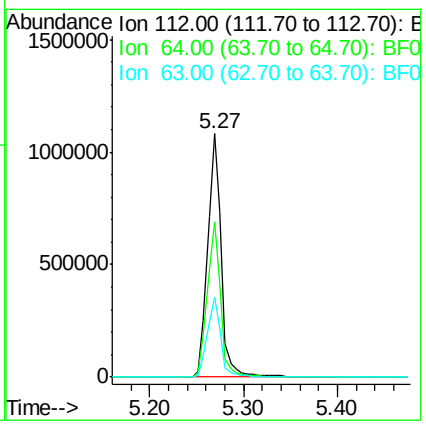


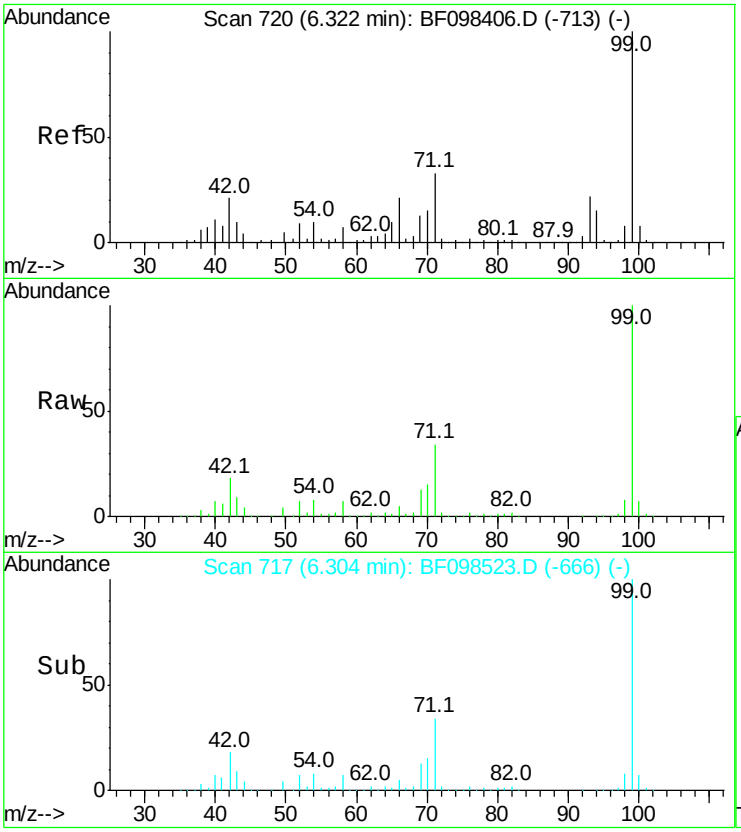


#5
2-Fluorophenol
Concen: 120.351 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.02 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:112 Resp: 1111214

Ion	Ratio	Lower	Upper
112	100		
64	63.9	46.0	69.0
63	32.9	23.4	35.0



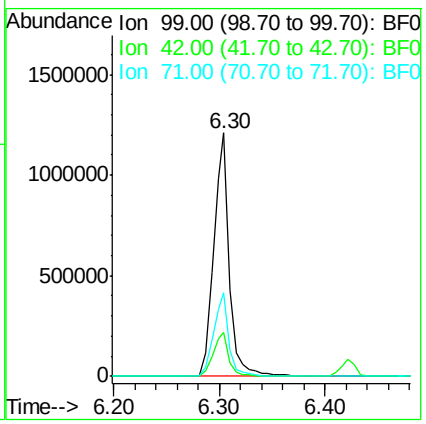


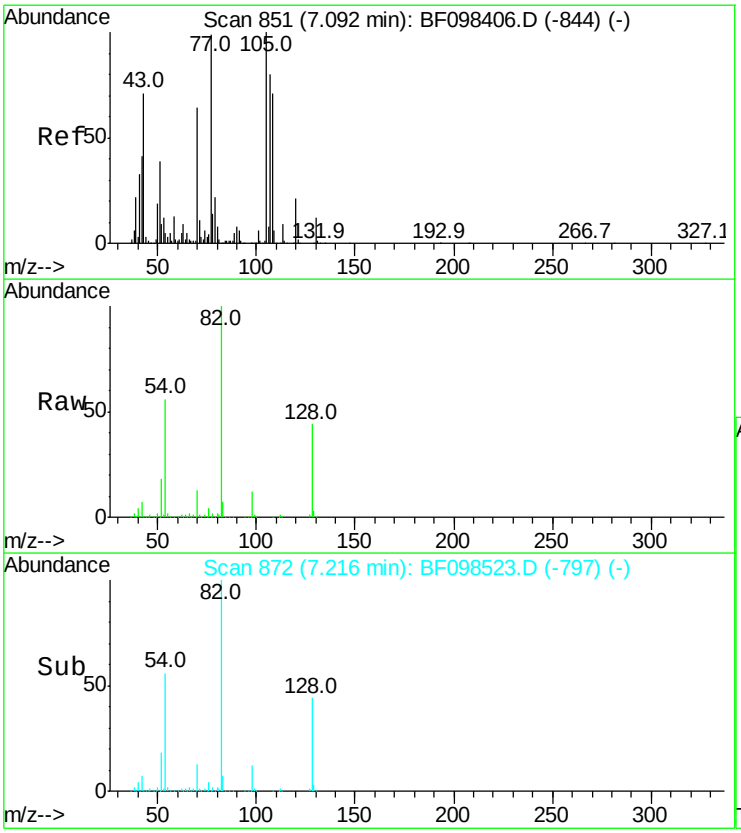
#7
Phenol-d6
Concen: 107.404 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument : BNA_F
ClientSampleId : A4129

Tgt Ion: 99 Resp: 1259099

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	34.5	24.5	36.7

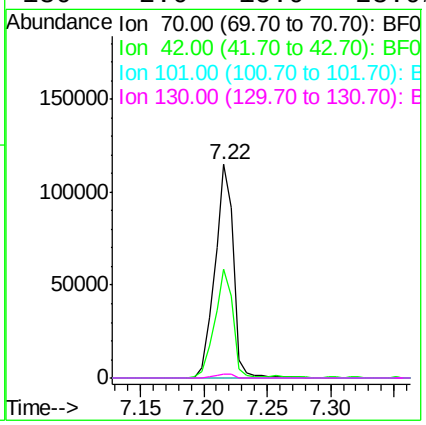


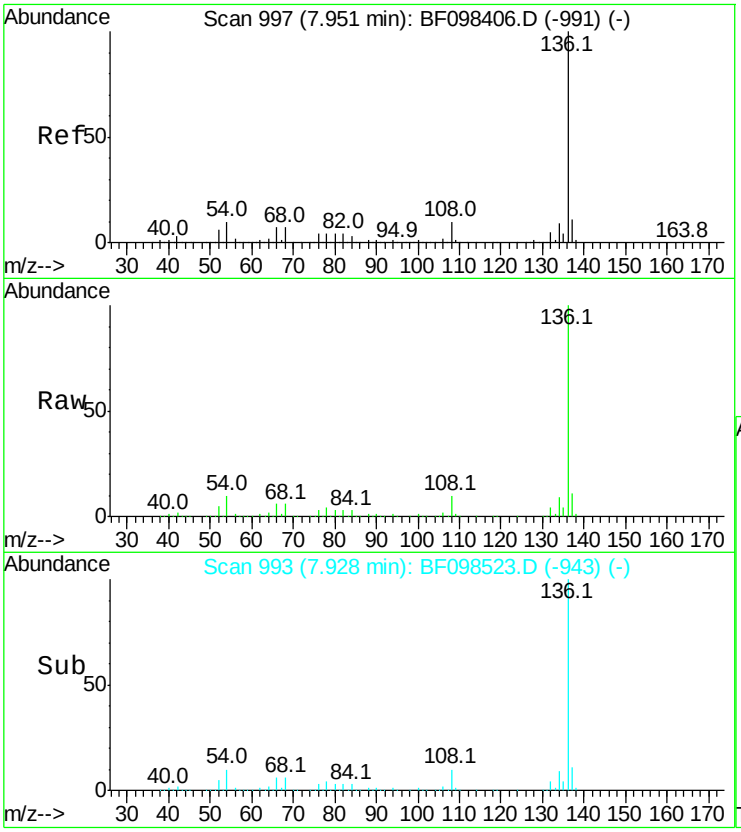


#19
n-Nitroso-di-n-propylamine
Concen: 16.002 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion: 70 Resp: 118000

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



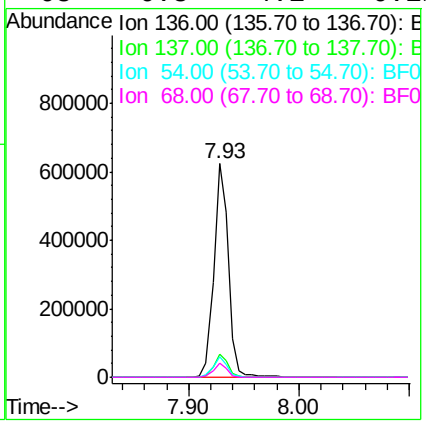


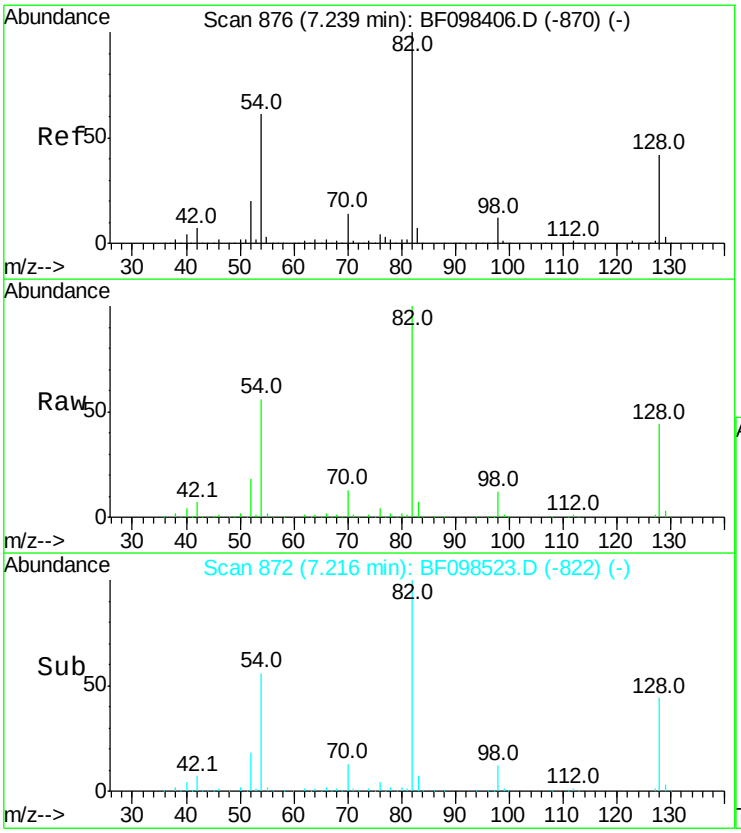
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument :
BNA_F
ClientSampleId :
A4129

Tgt Ion:136 Resp: 564701

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.6	4.9	7.3#
68	6.3	4.1	6.1#

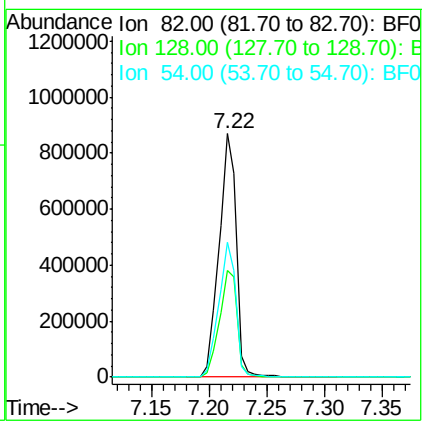


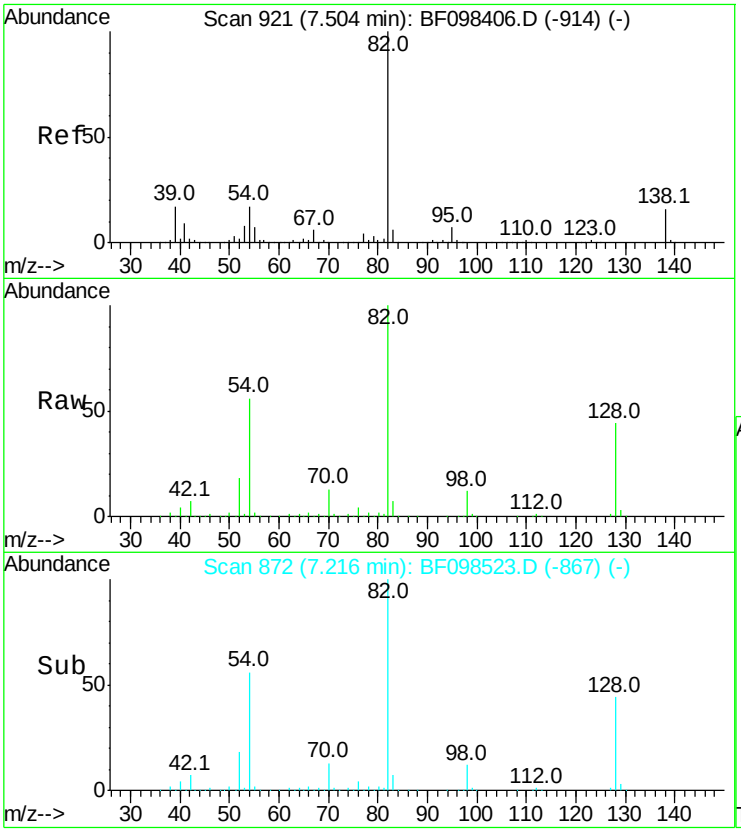


#23
Nitrobenzene-d5
Concen: 89.079 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion: 82 Resp: 902300

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	55.6	42.2	63.2



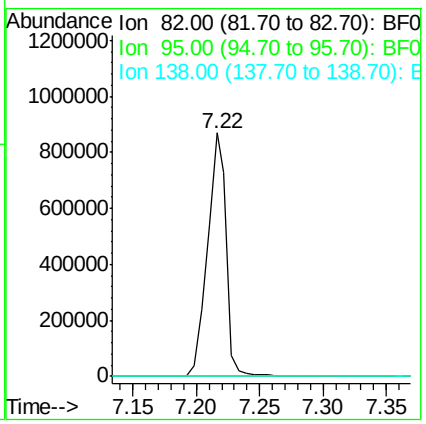


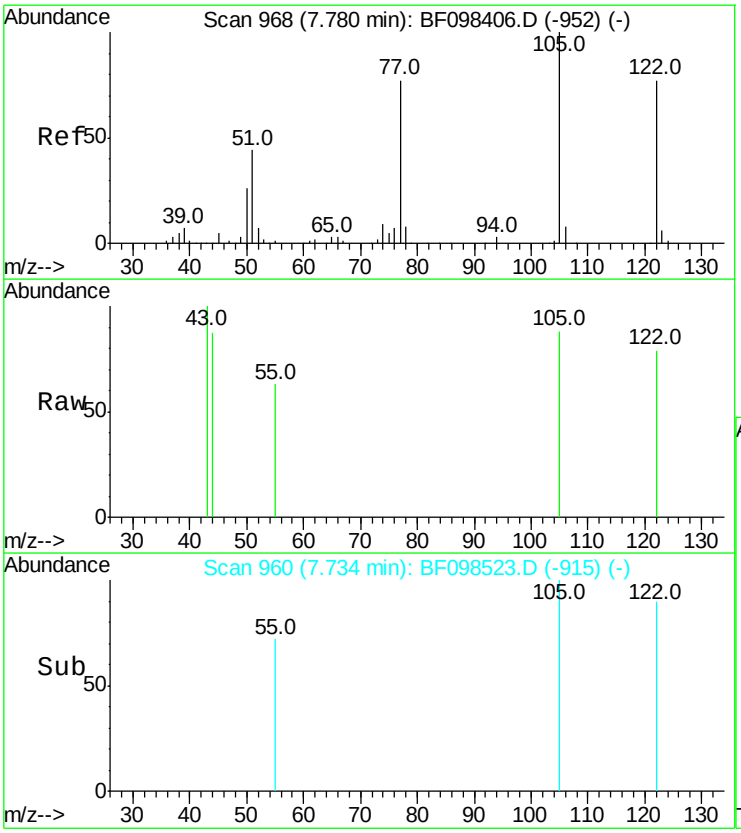
#25
Isophorone
Concen: 43.628 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.27 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument :
BNA_F
ClientSampleId :
A4129

Tgt Ion: 82 Resp: 894123

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

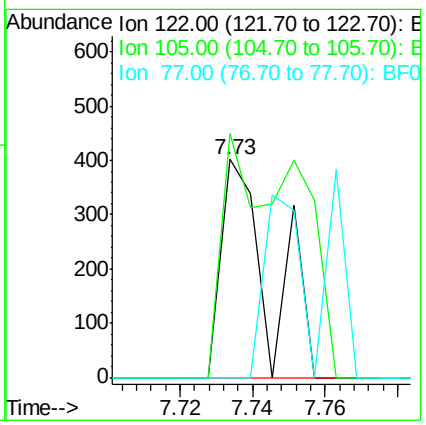


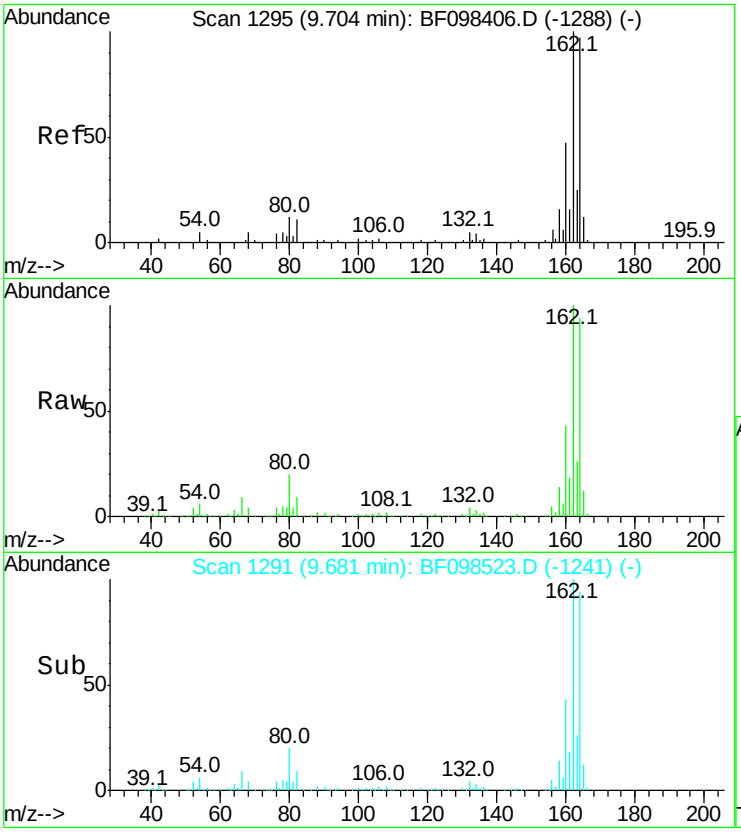


#32
Benzoic acid
Concen: 8.022 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.04 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:122 Resp: 373

Ion	Ratio	Lower	Upper
122	100		
105	111.7	103.3	143.3
77	0.0	73.7	113.7#



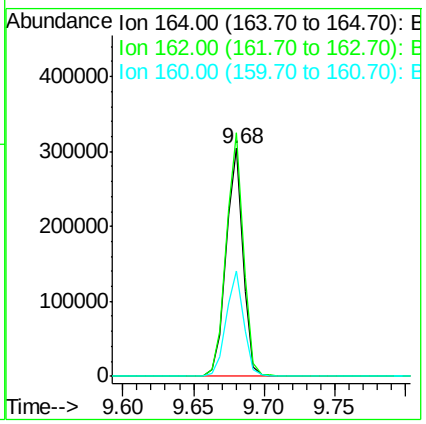


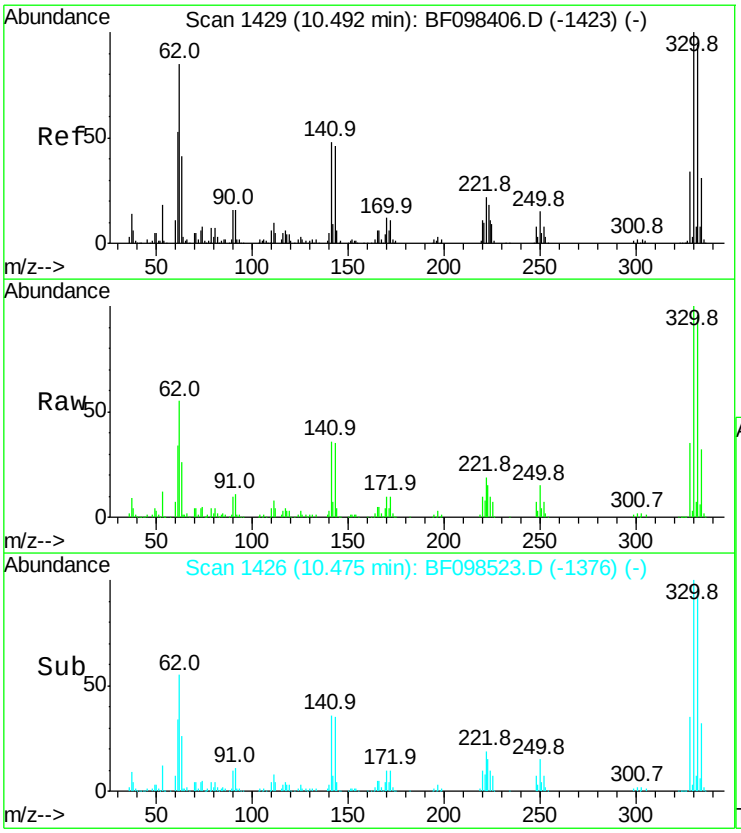
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument : BNA_F
ClientSampleId : A4129

Tgt Ion:164 Resp: 253057

Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.6	123.8
160	46.4	36.2	54.2

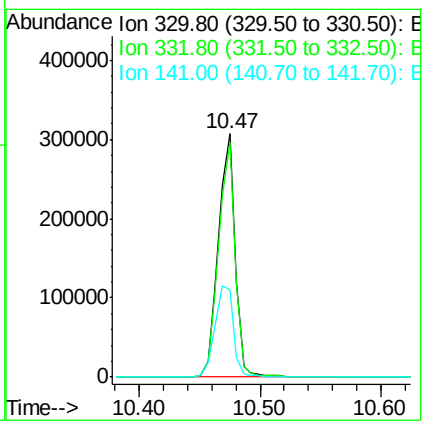


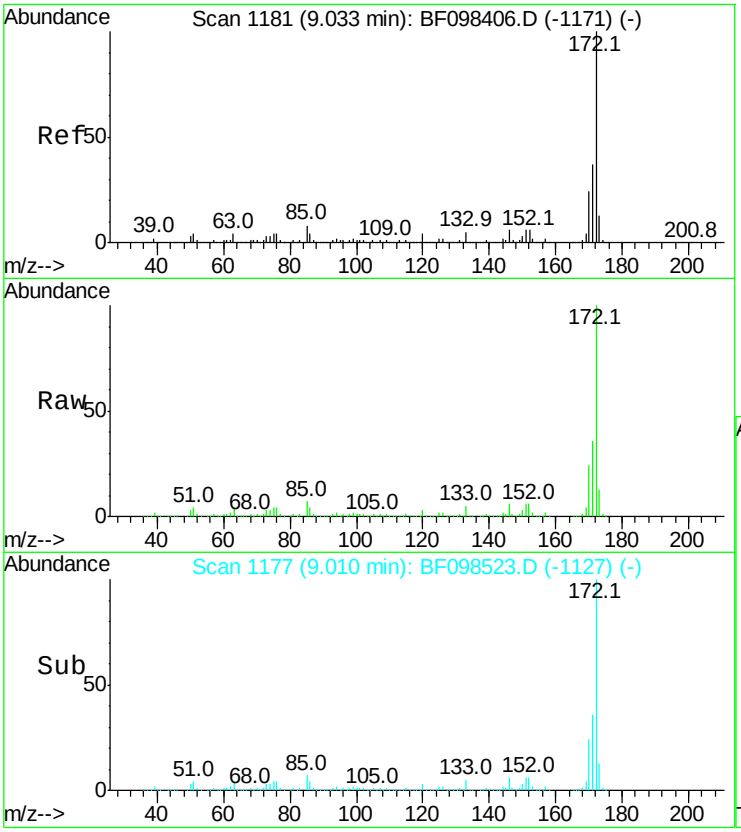


#41
2,4,6-Tribromophenol
Concen: 174.400 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:330 Resp: 294552

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	41.3	31.4	47.2



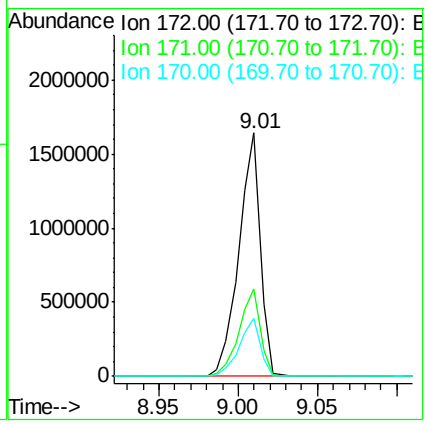


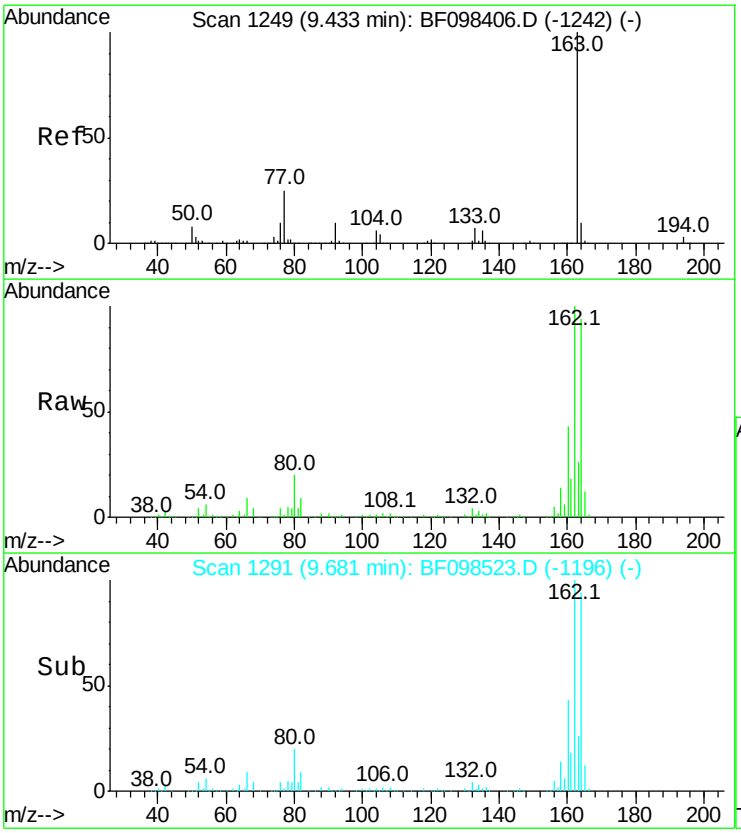
#44
2-Fluorobiphenyl
Concen: 102.899 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument :
BNA_F
ClientSampleId :
A4129

Tgt Ion:172 Resp: 1536324

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

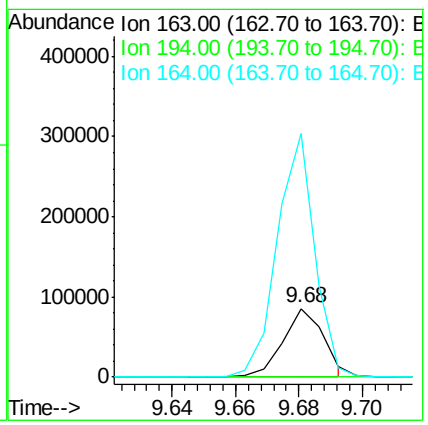


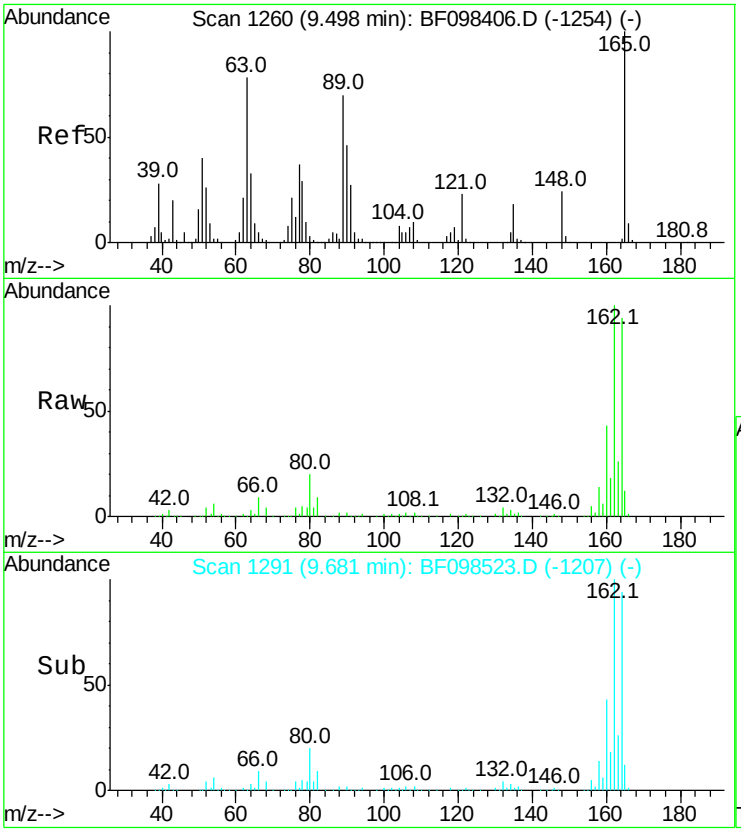


#49
Dimethylphthalate
Concen: 3.889 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.26 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:163 Resp: 76178

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	356.5	8.4	12.6#



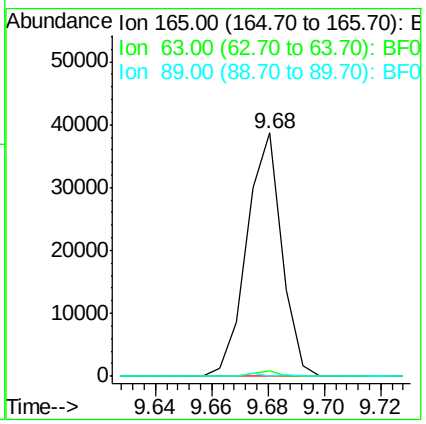


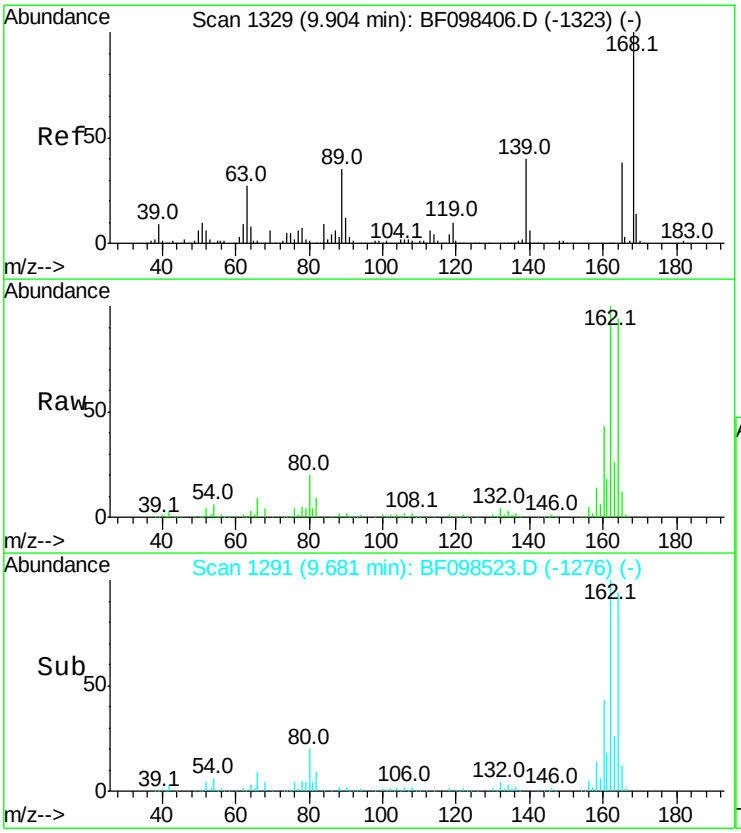
#50
2,6-Dinitrotoluene
Concen: 8.234 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument : BNA_F
ClientSampleId : A4129

Tgt Ion:165 Resp: 33131

Ion	Ratio	Lower	Upper
165	100		
63	2.4	34.3	51.5#
89	0.0	37.1	55.7#

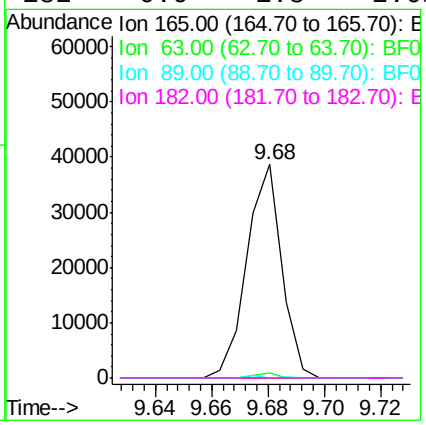


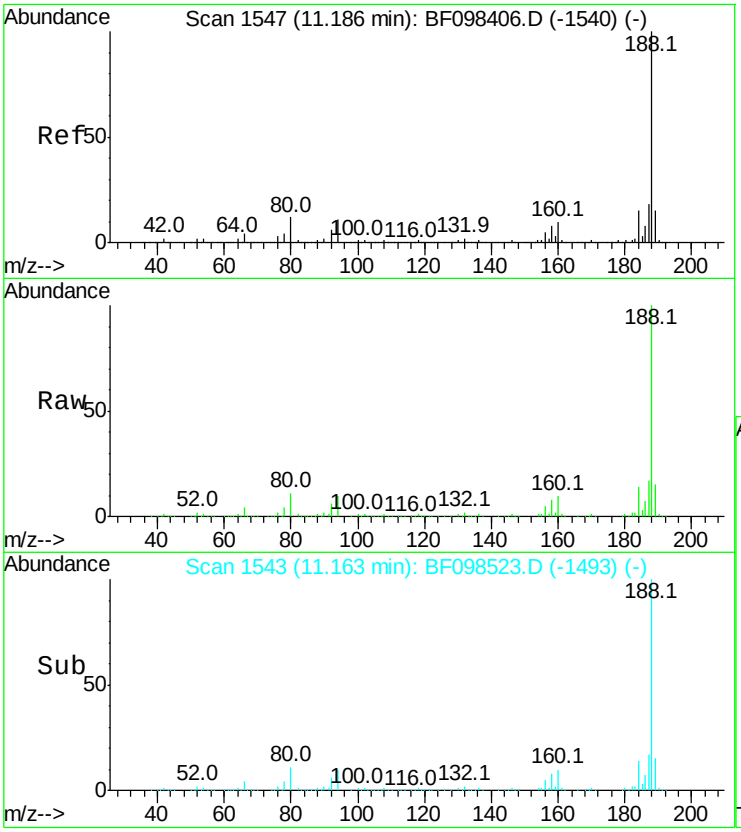


#56
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:165 Resp: 33131

Ion	Ratio	Lower	Upper
165	100		
63	2.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



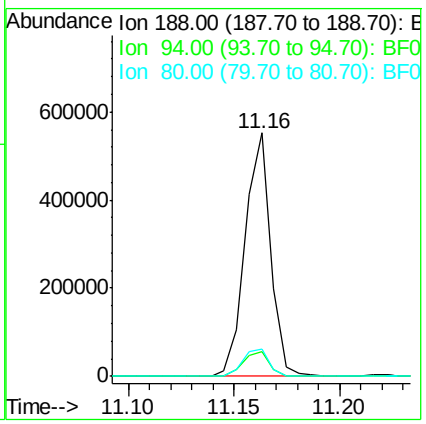


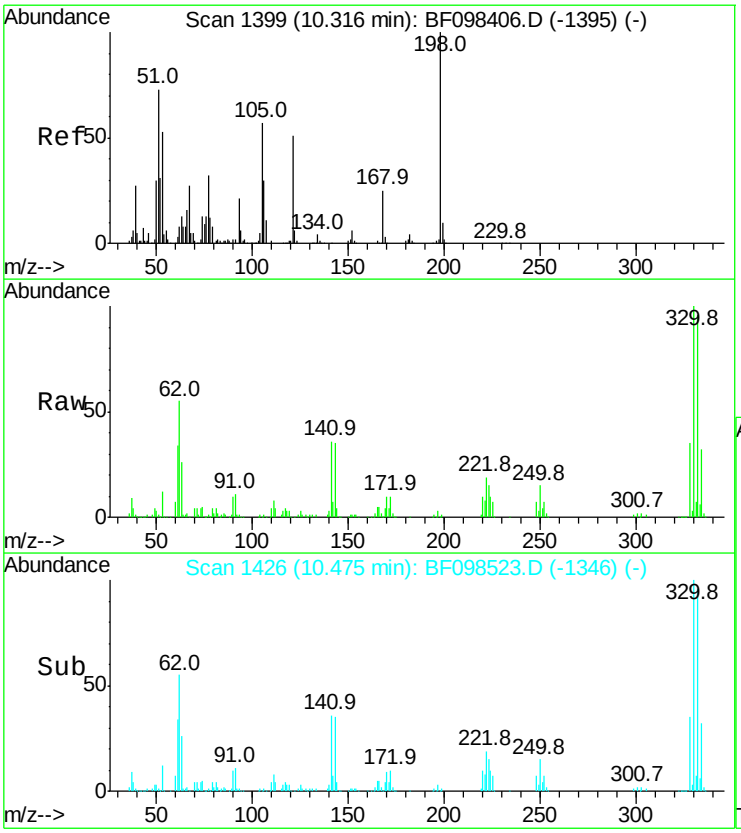
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument :
BNA_F
ClientSampleId :
A4129

Tgt Ion:188 Resp: 464312

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	11.0	10.2	15.2

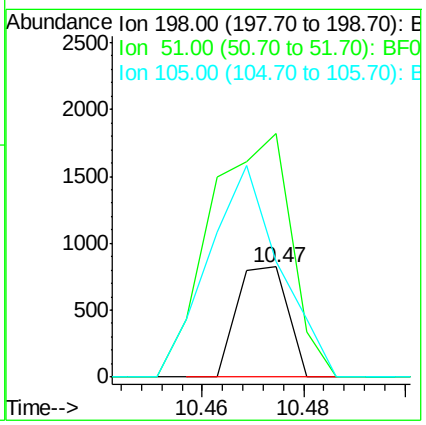


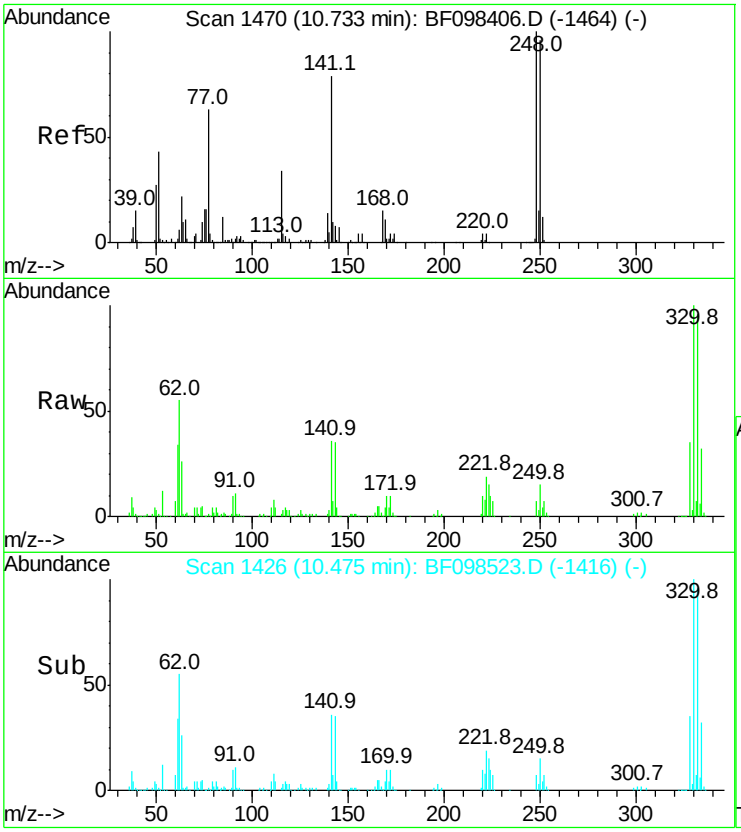


#64
4,6-Dinitro-2-methylphenol
Concen: 5.144 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.17 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:198 Resp: 572

Ion	Ratio	Lower	Upper
198	100		
51	221.1	53.2	93.2#
105	104.7	45.8	85.8#



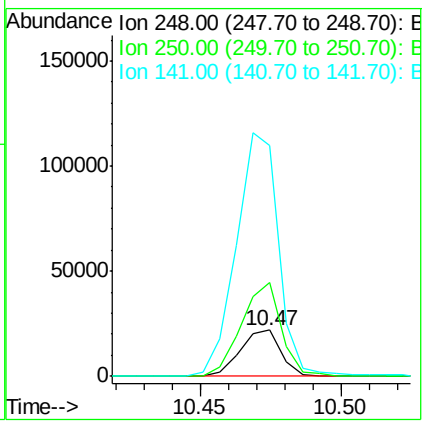


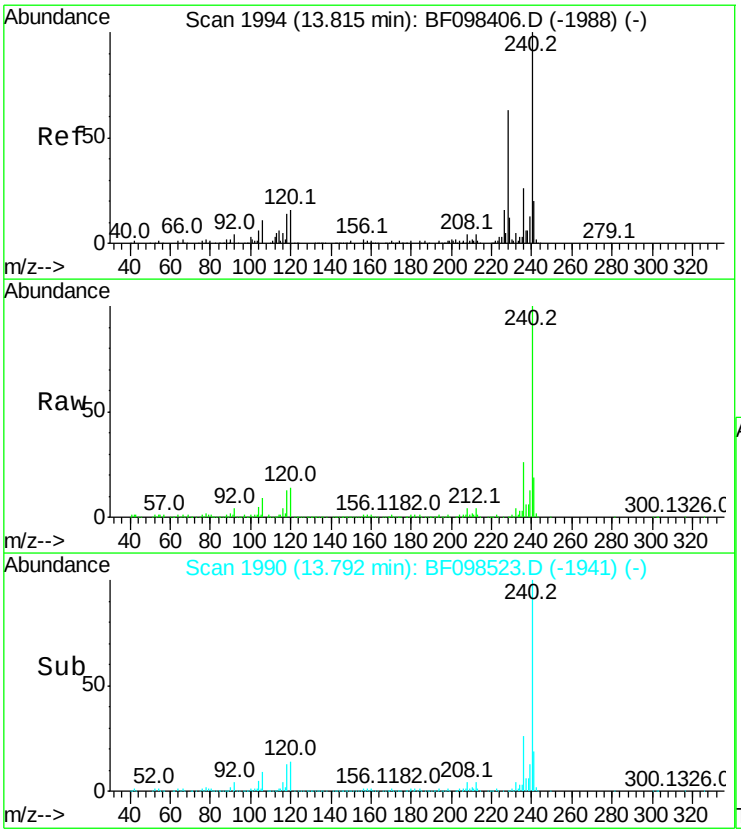
#66
4-Bromophenyl-phenylether
Concen: 4.984 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.24 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument :
BNA_F
ClientSampleId :
A4129

Tgt Ion:248 Resp: 21965

Ion	Ratio	Lower	Upper
248	100		
250	203.2	76.8	115.2#
141	498.3	68.6	103.0#

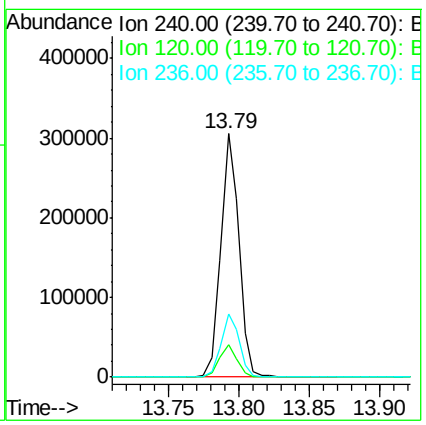


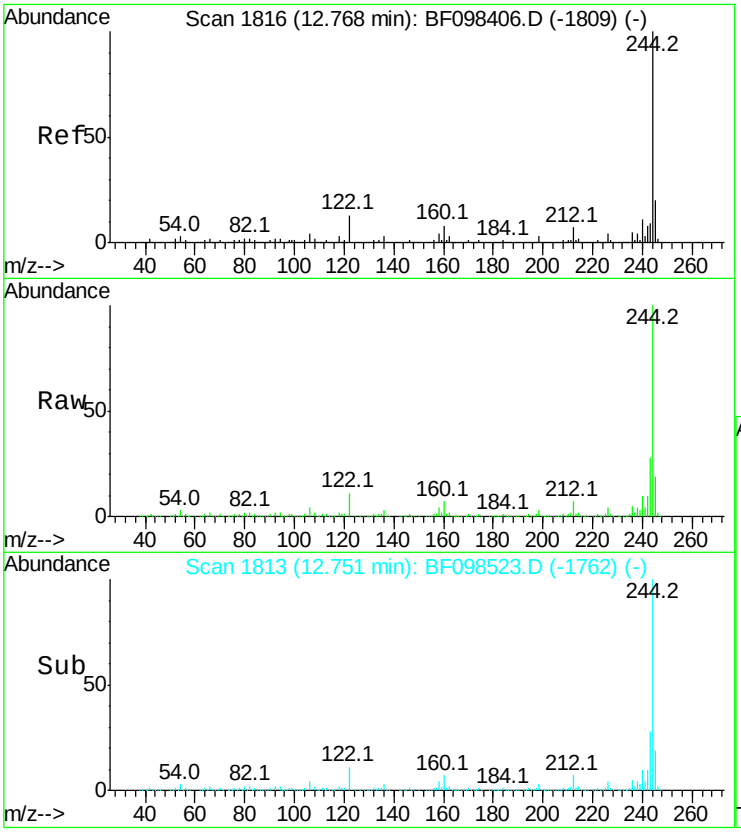


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:240 Resp: 273435

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	26.0	20.5	30.7



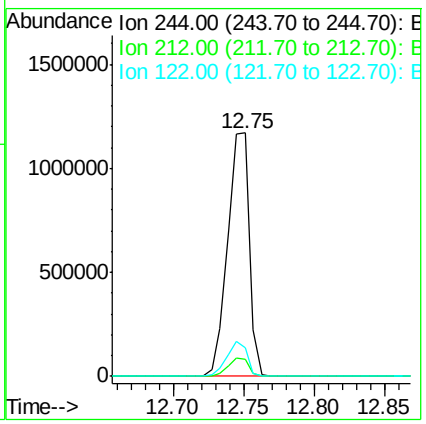


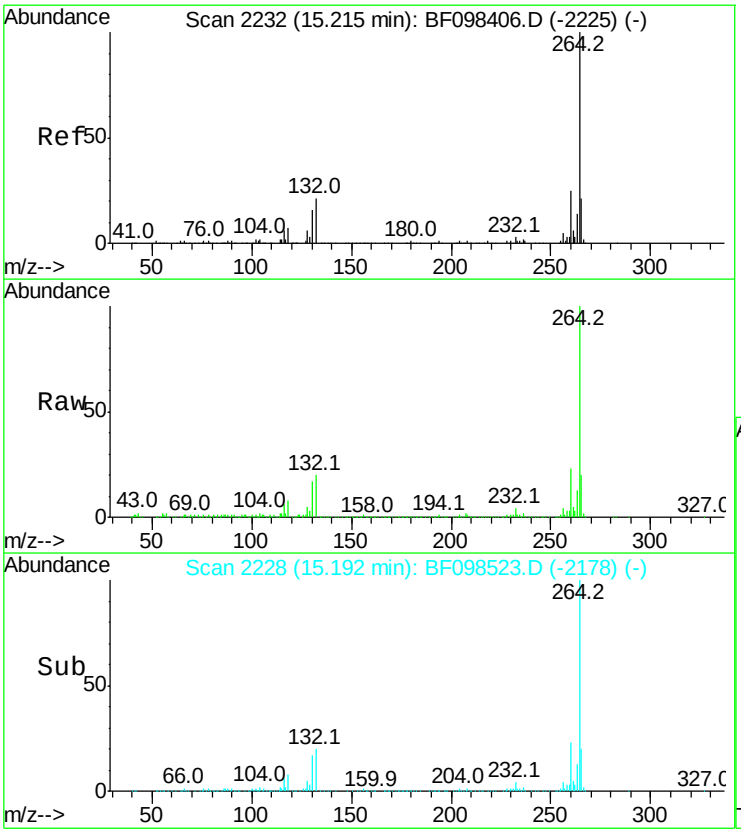
#78
Terphenyl-d14
Concen: 98.840 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument :
BNA_F
ClientSampleId :
A4129

Tgt Ion:244 Resp: 1252107

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.5	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: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:264 Resp: 289607

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.4	17.2	25.8