Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109011.D
Acq On : 14 Sep 2018 22:41
Operator : JU/SJ
Sample : J4883-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV30518L

Quant Time: Sep 15 00:11:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163218	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	634882	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	317040	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	607025	20.00	ng		0.00
75) Chrysene-d12	13.85	240	456529	20.00	ng		-0.01
86) Perylene-d12	15.25	264	421977	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	464805	47.30	ng		0.00
7) Phenol-d6	6.34	99	368935	29.11	ng		-0.02
23) Nitrobenzene-d5	7.28	82	823776	72.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	347866	101.10	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1413586	69.86	ng		0.00
78) Terphenyl-d14	12.81	244	1496464	77.70	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.35	94	39298	2.756	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	111272	13.285	ng	#	78
25) Isophorone	7.28	82	817059	41.992	ng	#	64
49) Dimethylphthalate	9.47	163	72850	3.215	ng		99
50) 2,6-Dinitrotoluene	9.75	165	40634	8.086	ng	#	26
56) 2,4-Dinitrotoluene	9.75	165	40634	6.183	ng	#	23
66) 4-Bromophenyl-phenylether	10.54	248	21548	3.149	ng	#	1
73) Di-n-butylphthalate	11.80	149	1007787	28.833	ng		100

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

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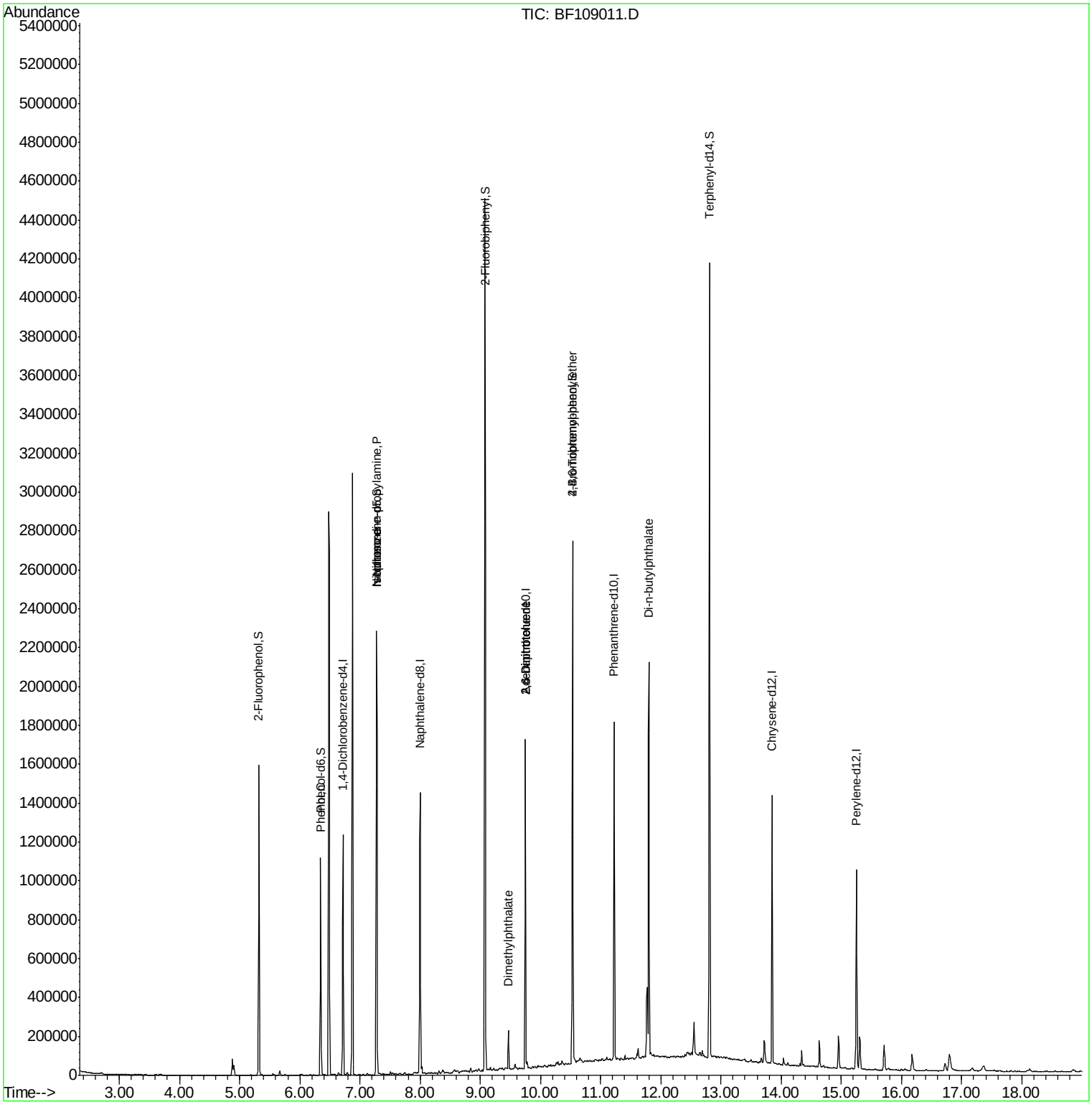
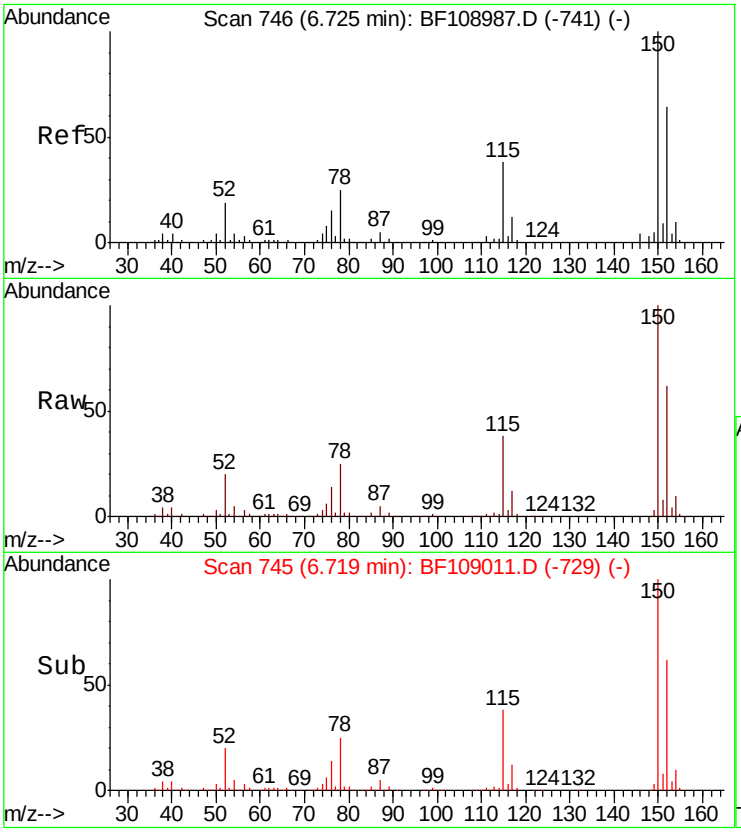


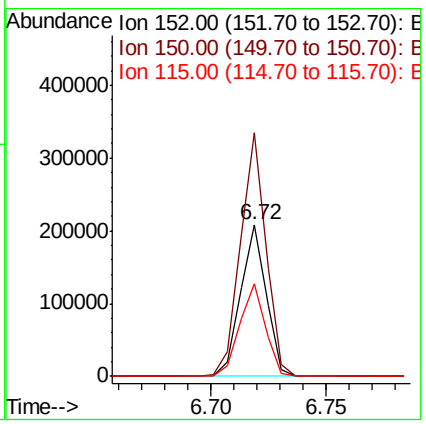


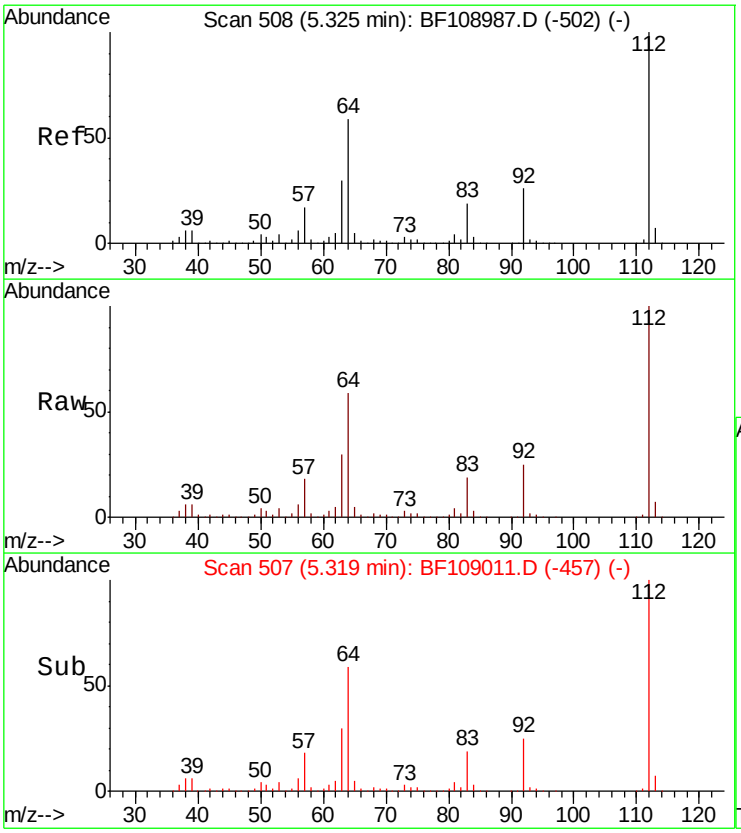
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion:152 Resp: 163218

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	61.2	50.1	75.1

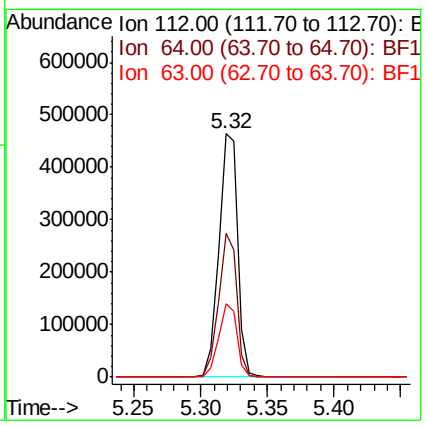


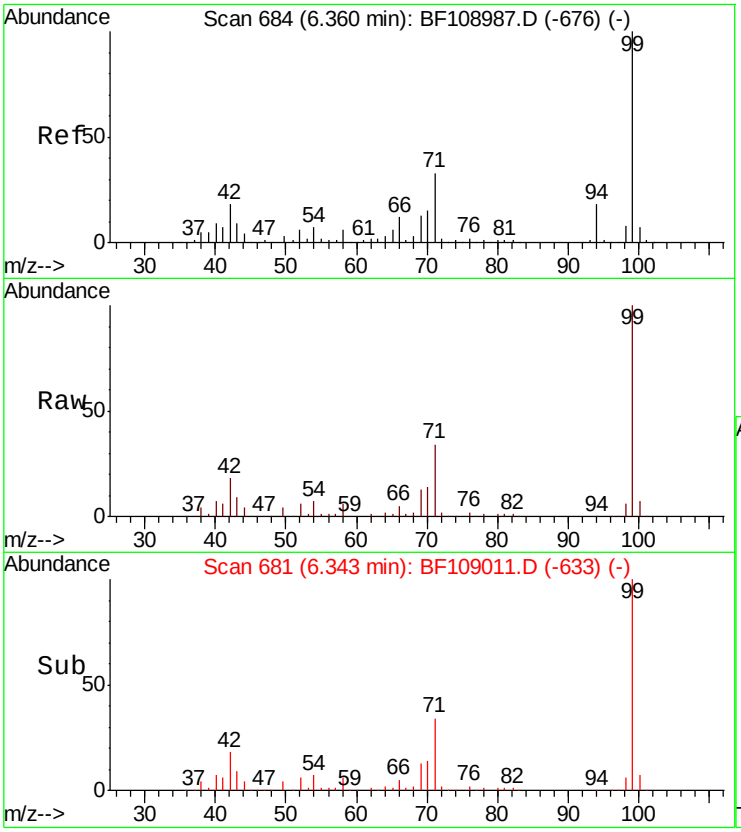


#5
2-Fluorophenol
Concen: 47.298 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion:112 Resp: 464805

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	30.1	23.7	35.5



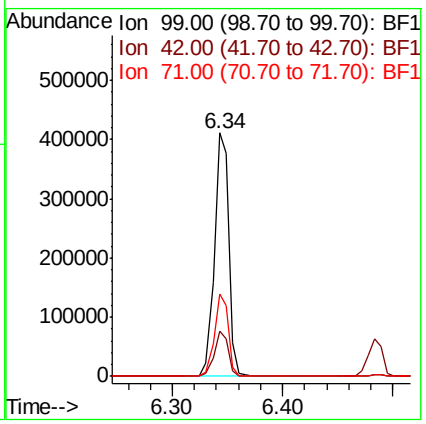


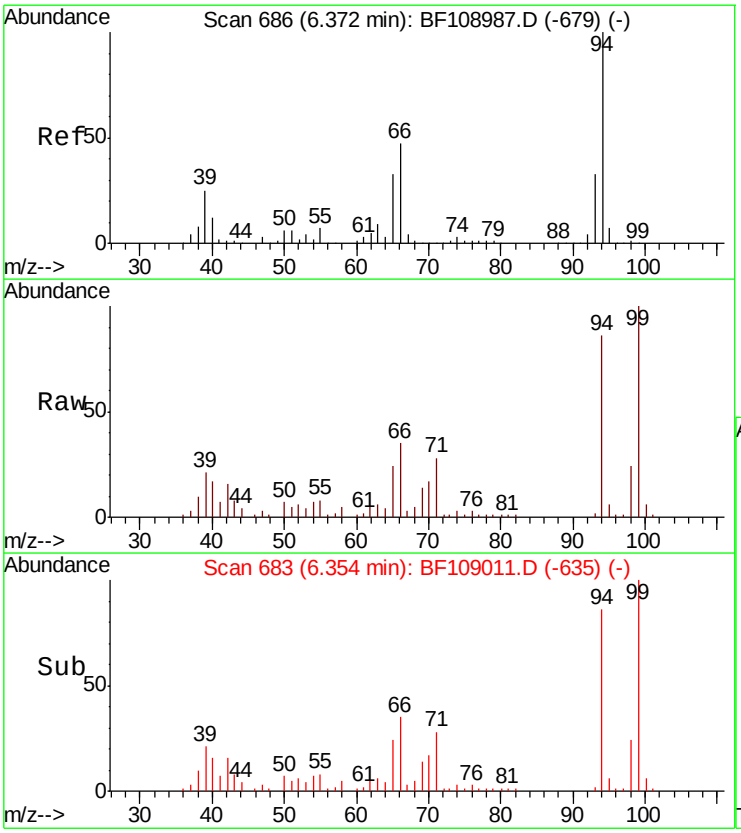
#7
Phenol-d6
Concen: 29.115 ng
RT: 6.34 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion: 99 Resp: 368935

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	33.6	25.4	38.0

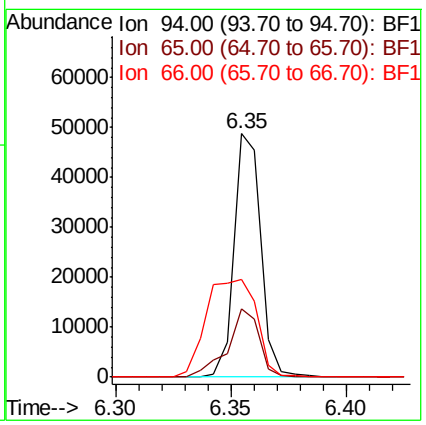


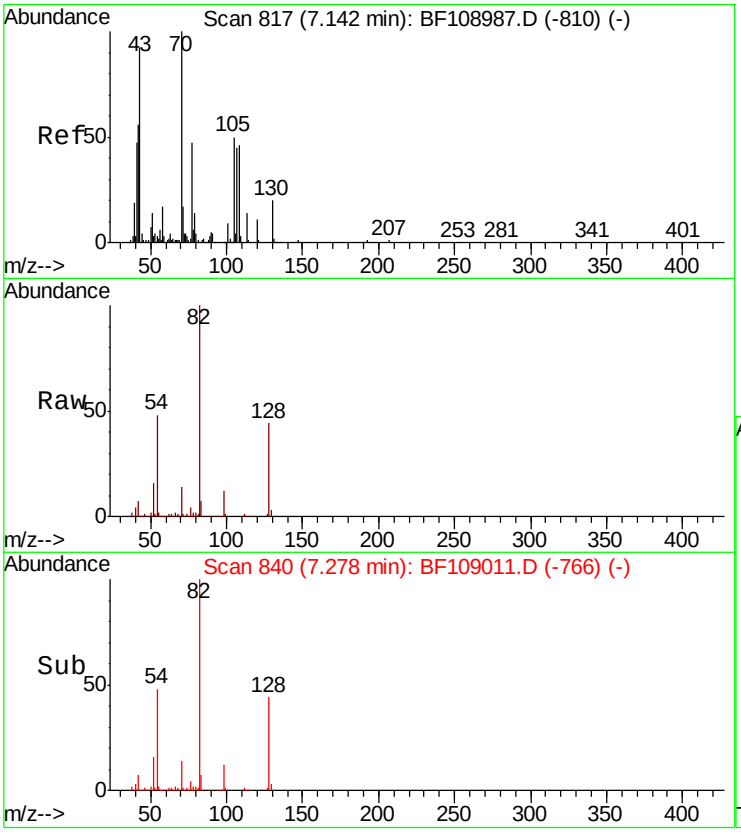


#10
Phenol
Concen: 2.756 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion: 94 Resp: 39298

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	40.0	16.2	56.2



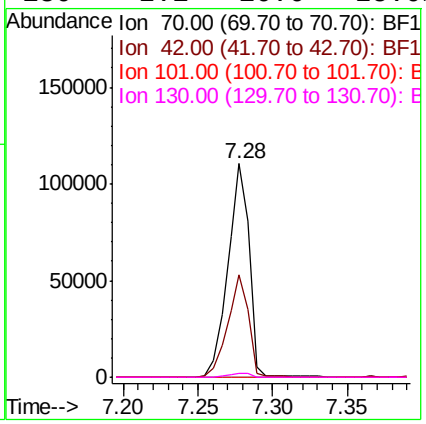


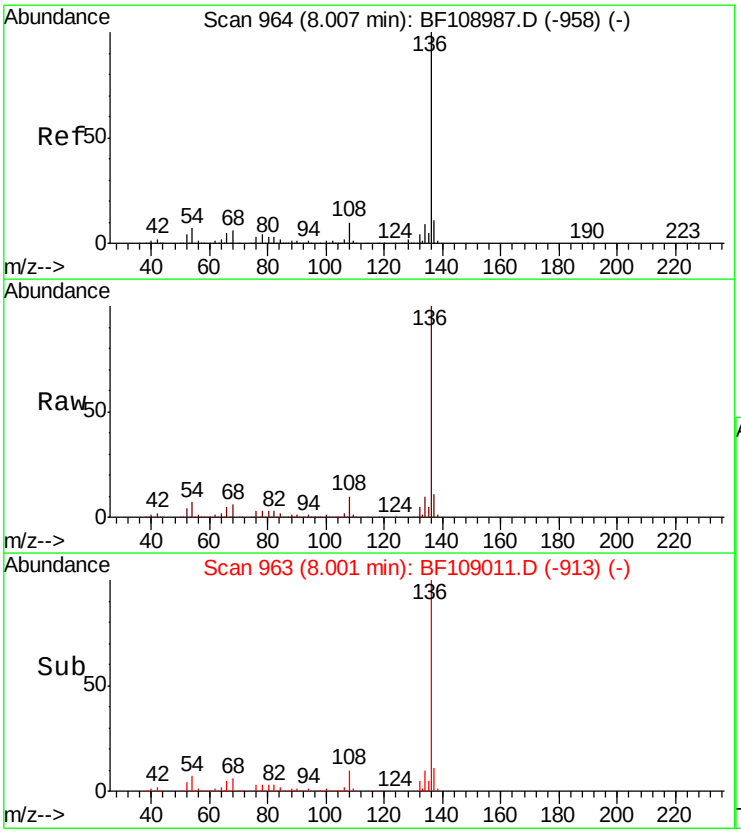
#19
n-Nitroso-di-n-propylamine
Concen: 13.285 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion: 70 Resp: 111272

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

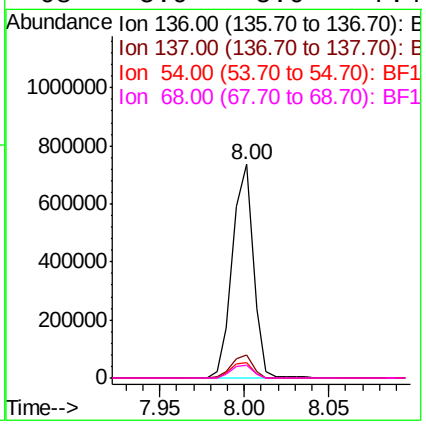


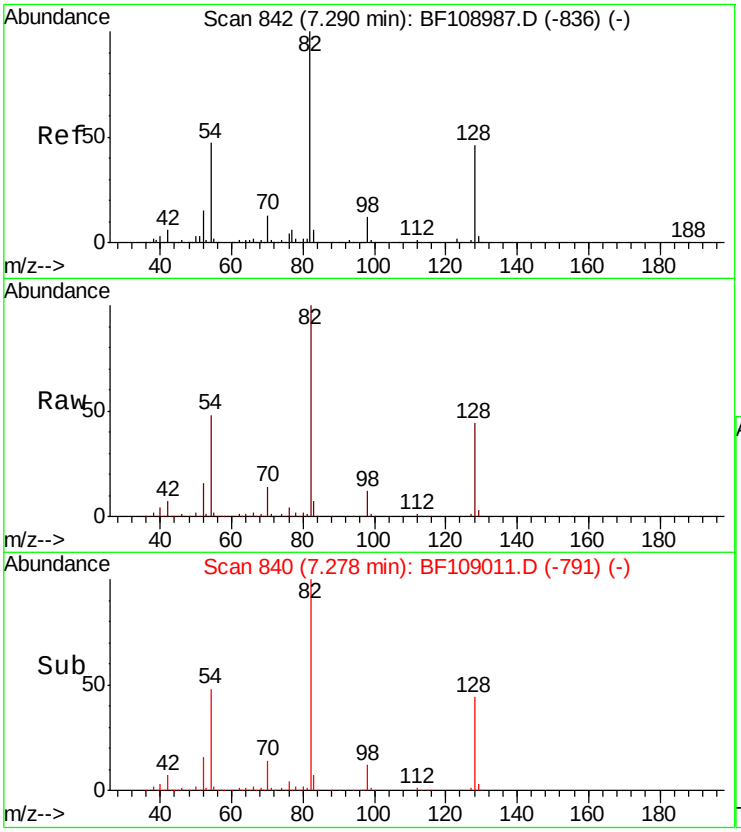


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion:136 Resp: 634882

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4



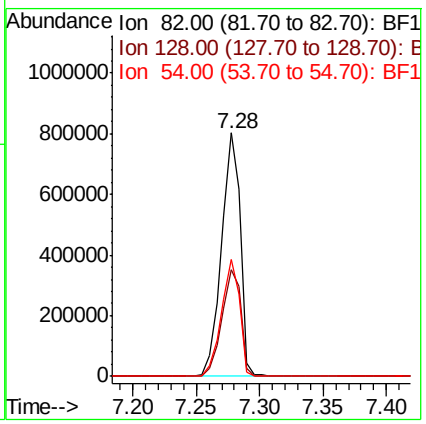


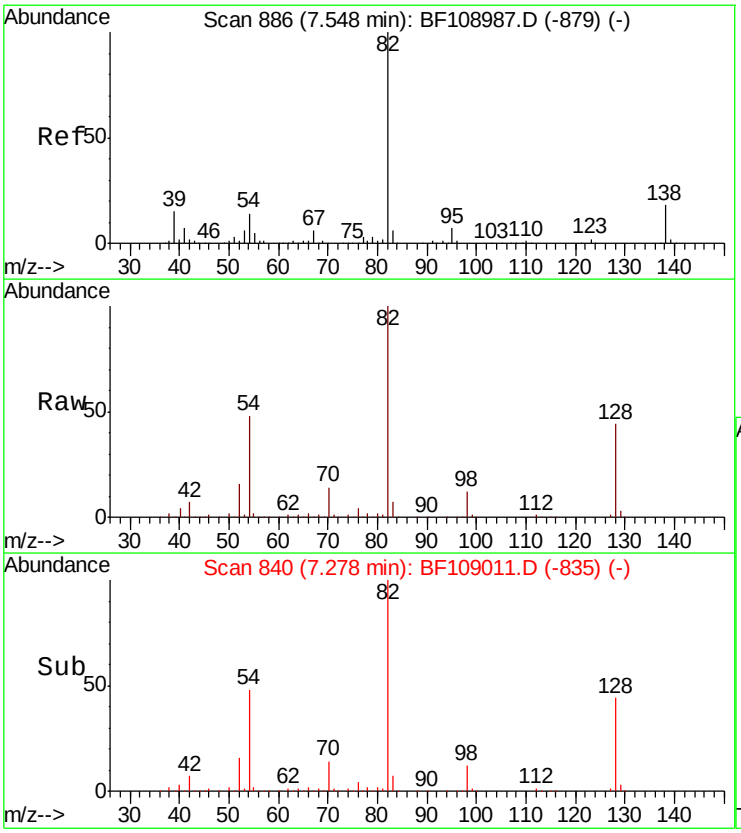
#23
Nitrobenzene-d5
Concen: 72.776 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion: 82 Resp: 823776

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.2	41.4	62.2

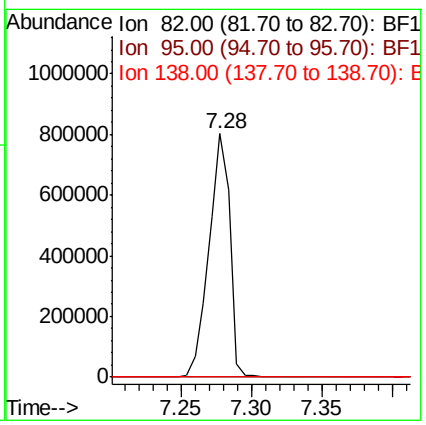


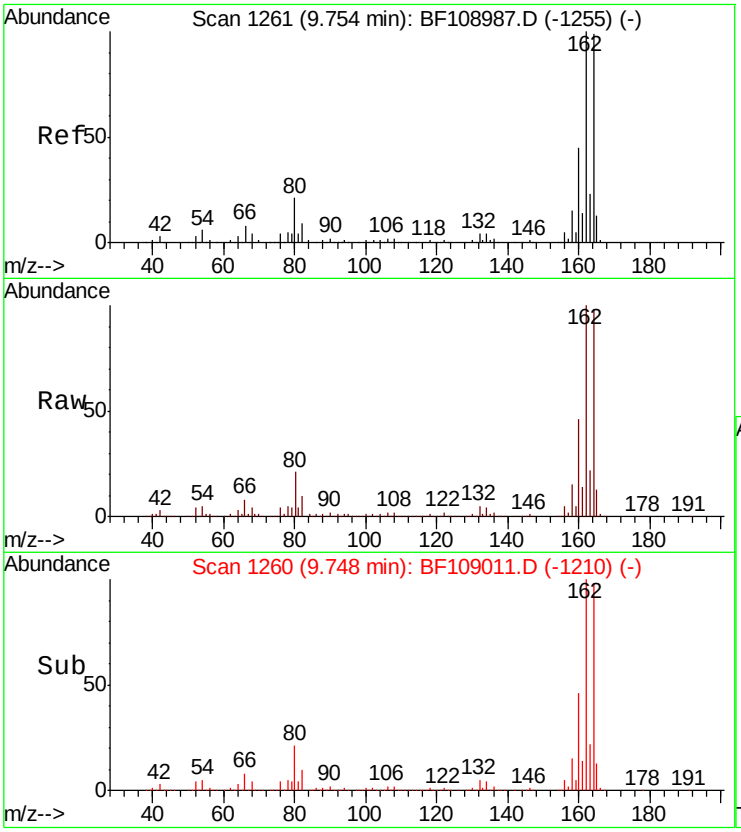


#25
Isophorone
Concen: 41.992 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion: 82 Resp: 817059

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



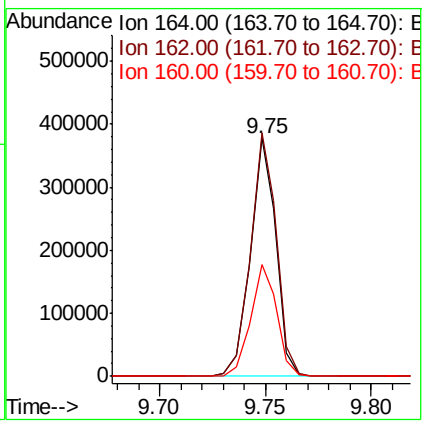


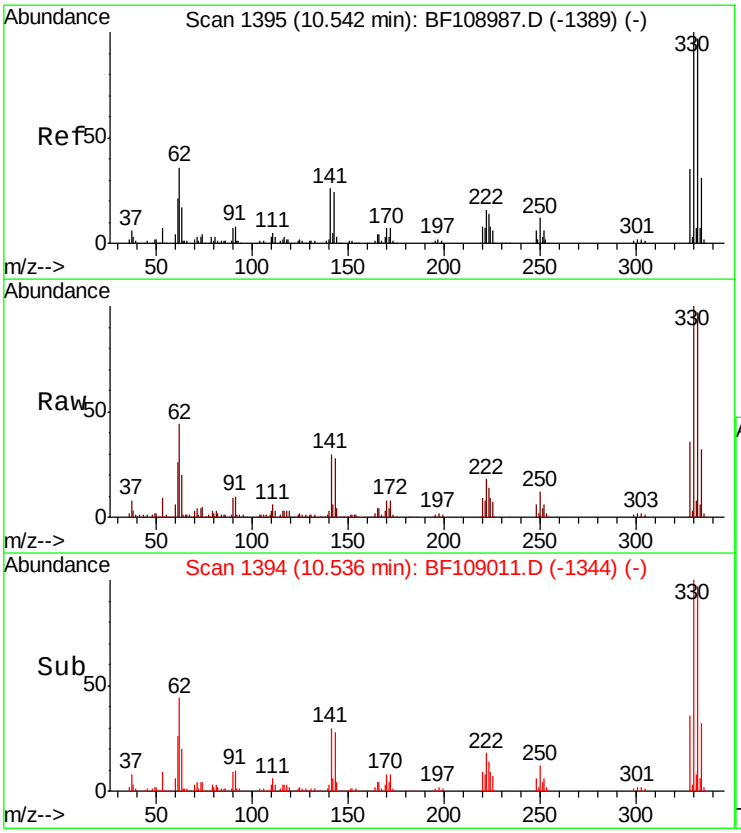
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion:164 Resp: 317040

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	47.1	38.3	57.5

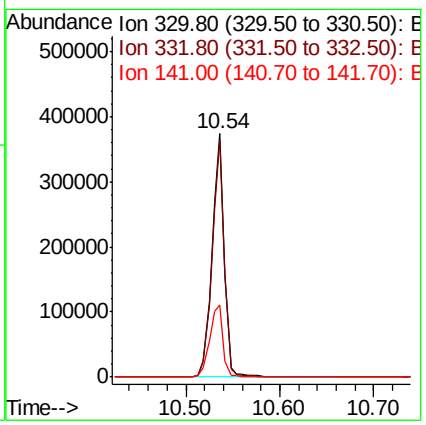


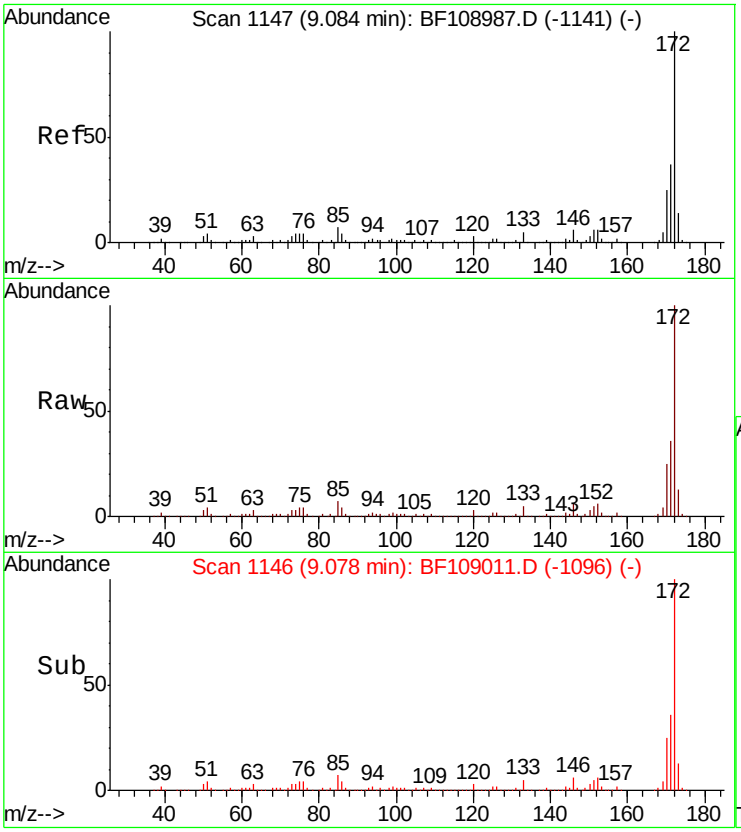


#41
2,4,6-Tribromophenol
Concen: 101.102 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion:330 Resp: 347866

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.3	29.9	44.9



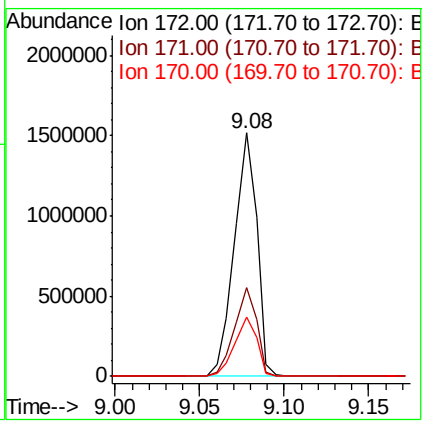


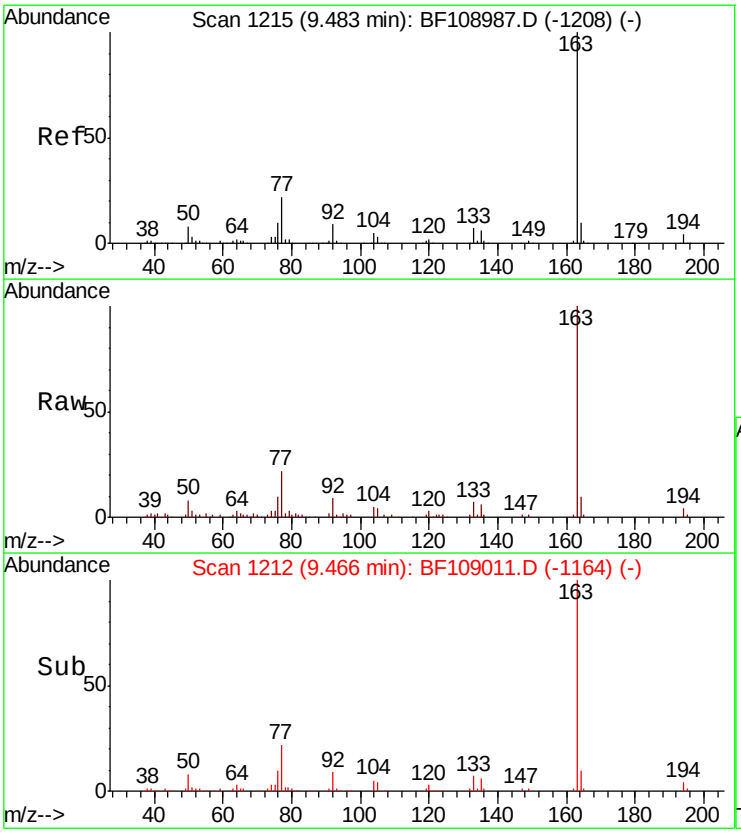
#44
2-Fluorobiphenyl
Concen: 69.856 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion:172 Resp: 1413586

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

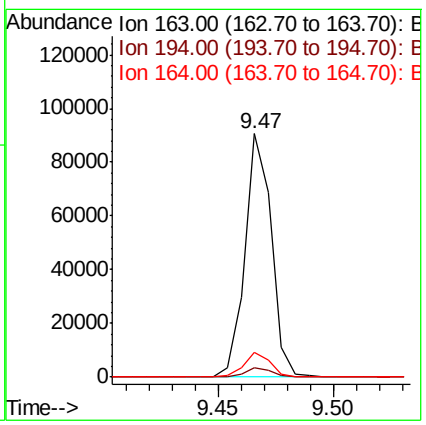


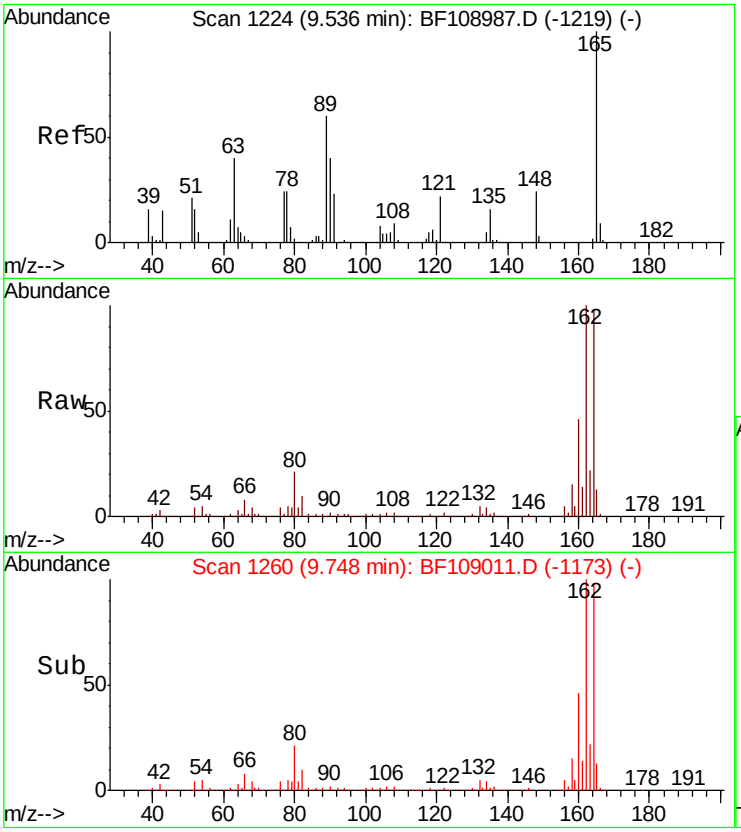


#49
Dimethylphthalate
Concen: 3.215 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion:163 Resp: 72850

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	8.2	12.2



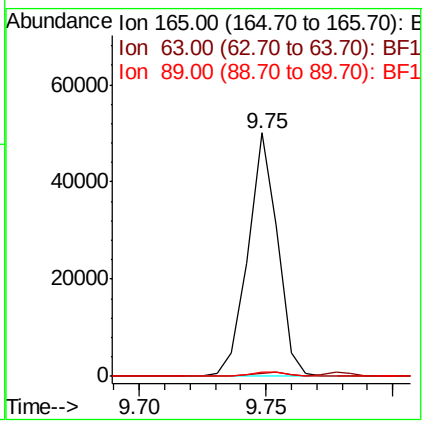


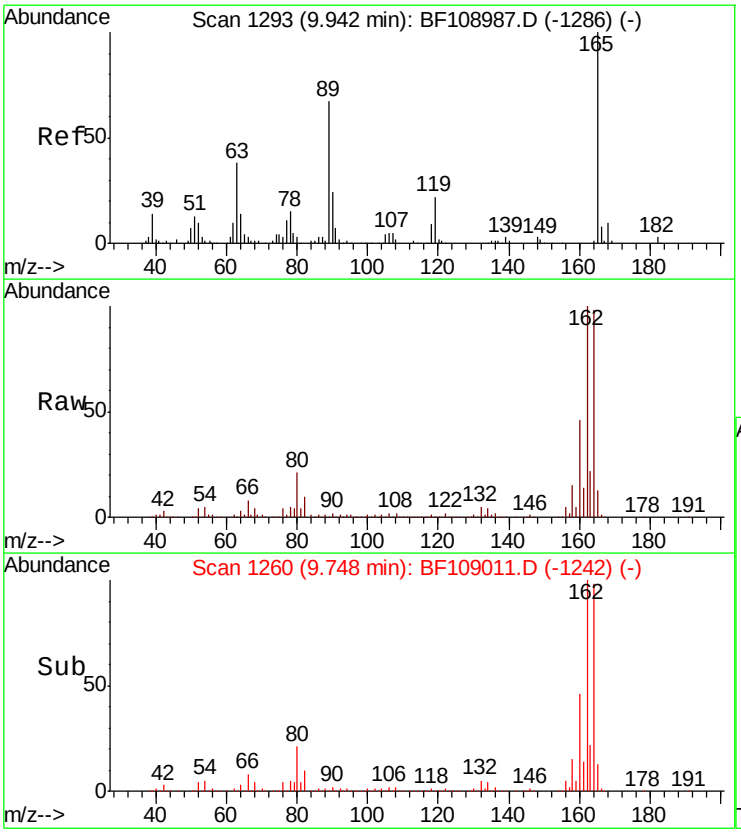
#50
2,6-Dinitrotoluene
Concen: 8.086 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion:165 Resp: 40634

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.7	44.0	66.0#

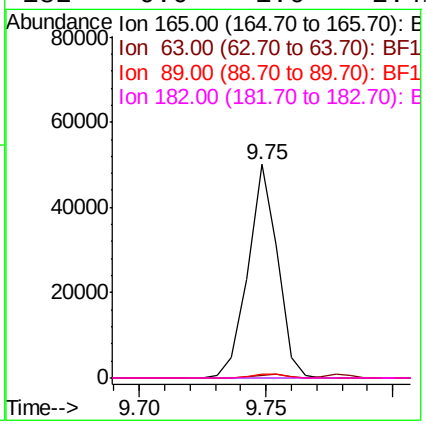


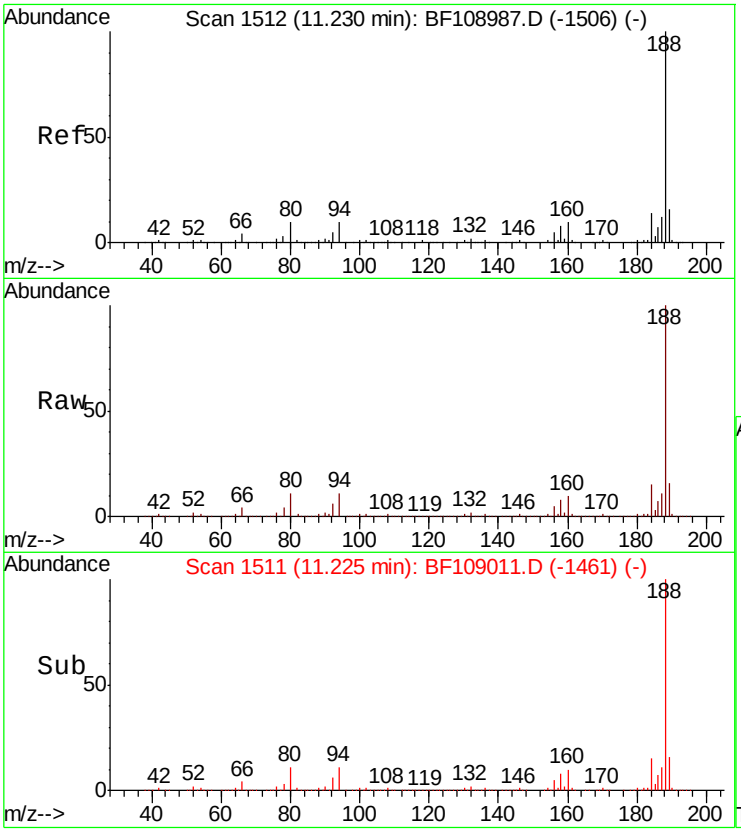


#56
2,4-Dinitrotoluene
Concen: 6.183 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion:165 Resp: 40634

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



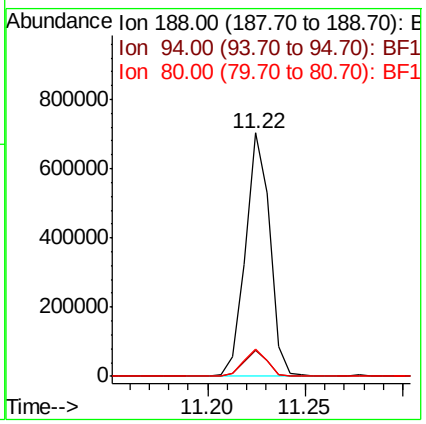


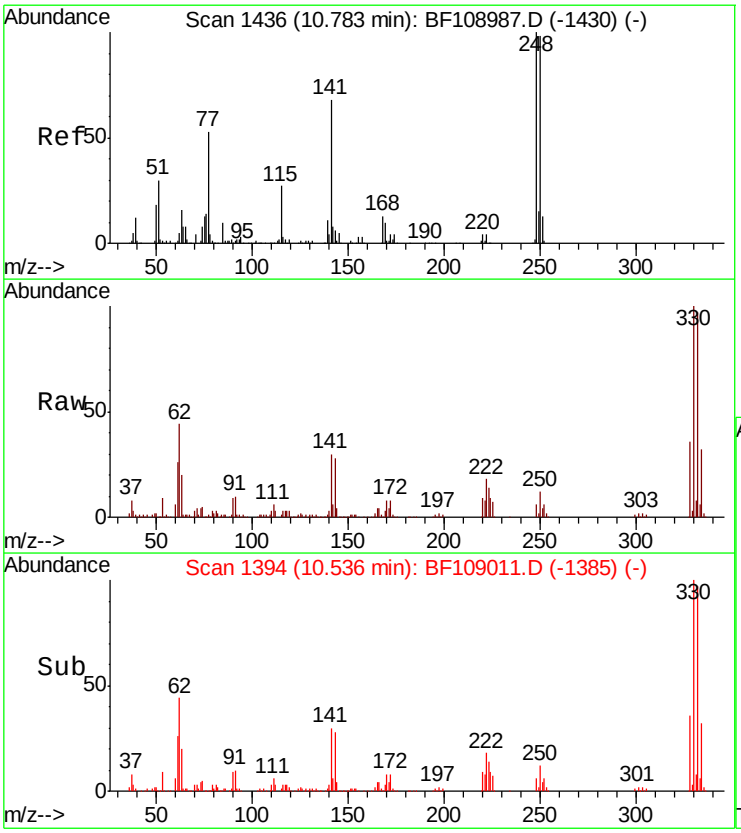
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion:188 Resp: 607025

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8

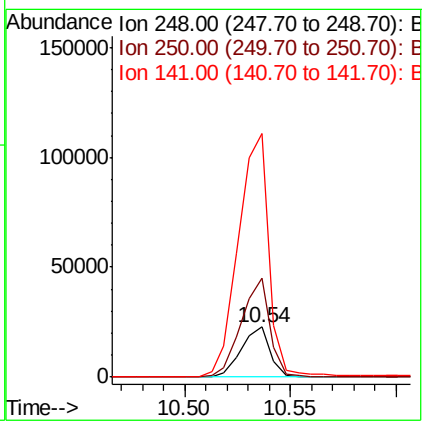


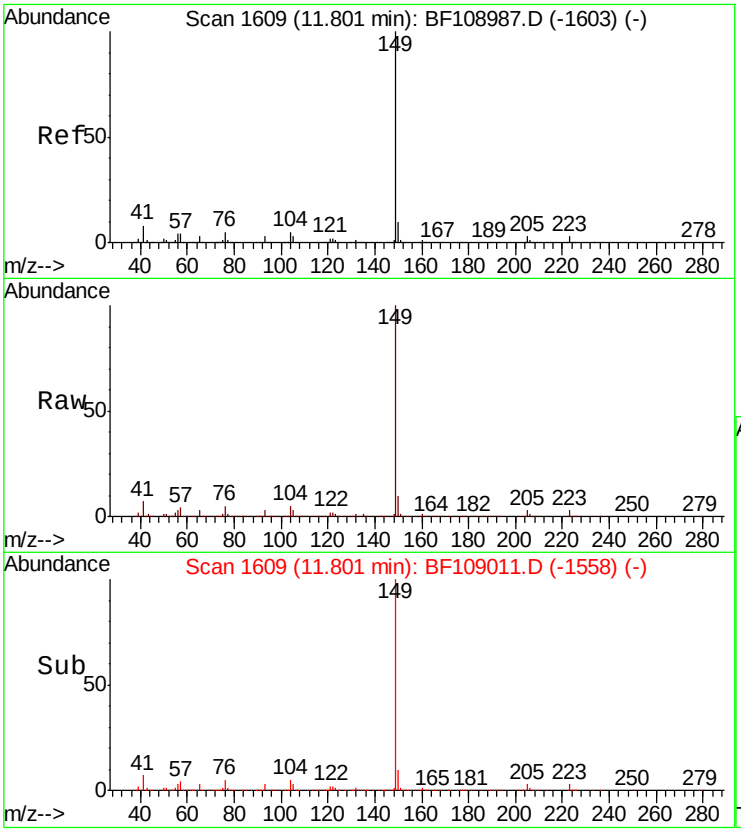


#66
4-Bromophenyl-phenylether
Concen: 3.149 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion:248 Resp: 21548

Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.9	115.3#
141	487.5	74.4	111.6#



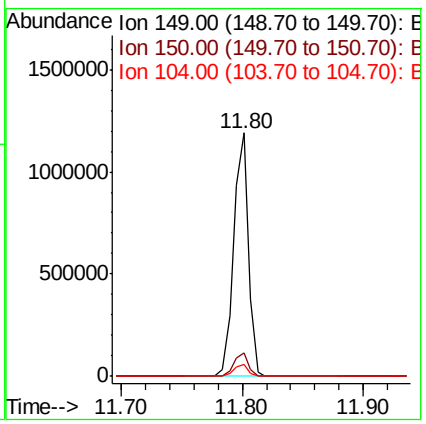


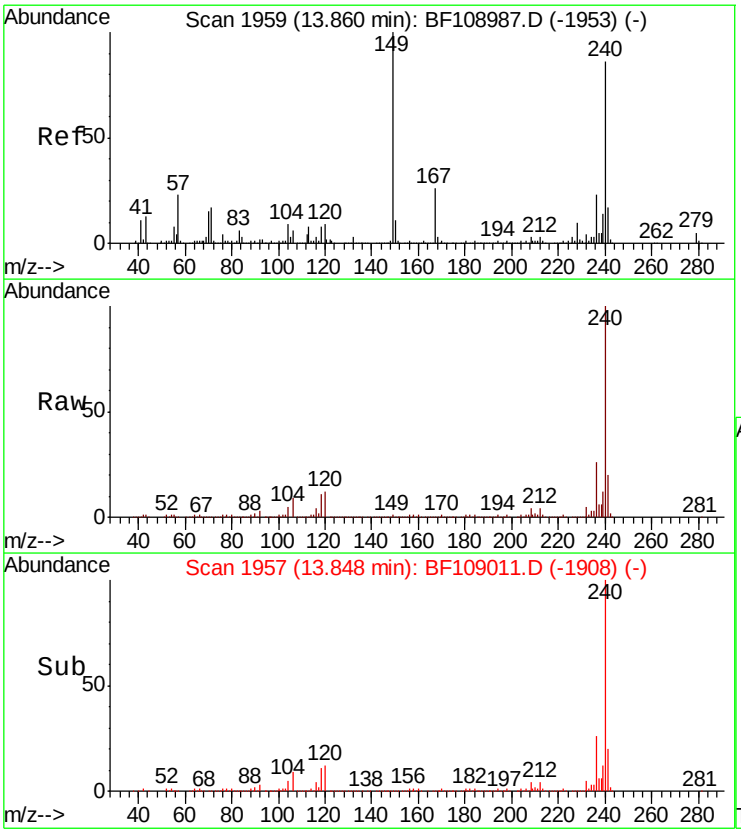
#73
Di-n-butylphthalate
Concen: 28.833 ng
RT: 11.80 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion:149 Resp: 1007787

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.8

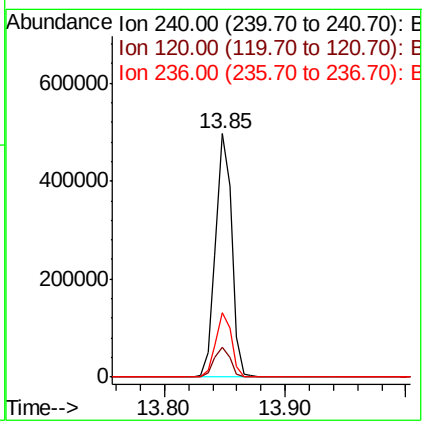


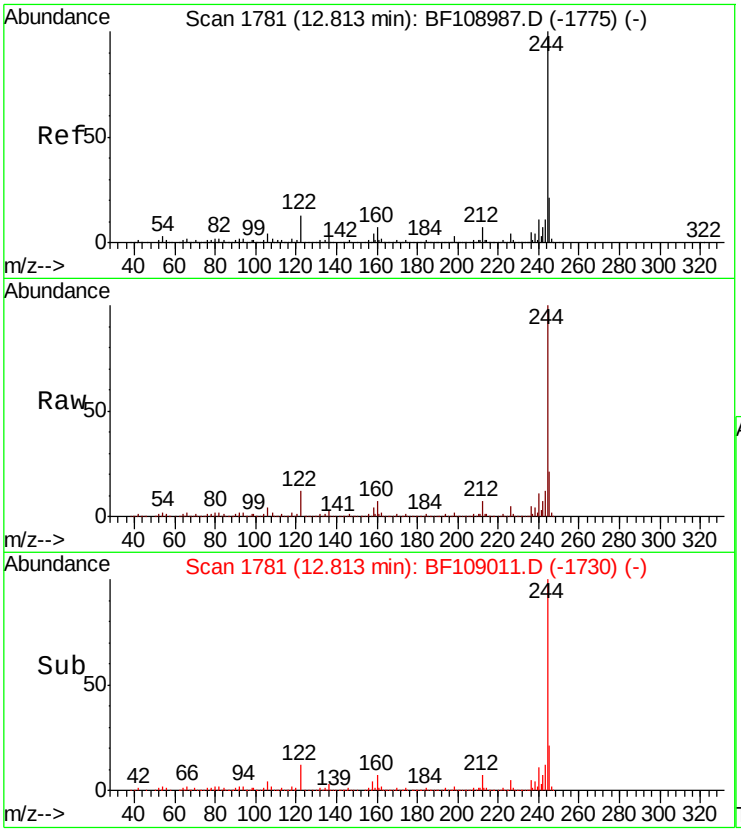


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion:240 Resp: 456529

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.3	20.7	31.1



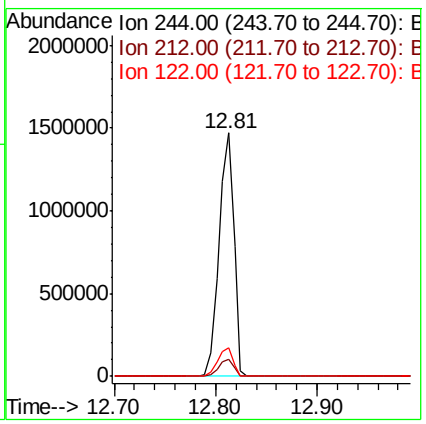


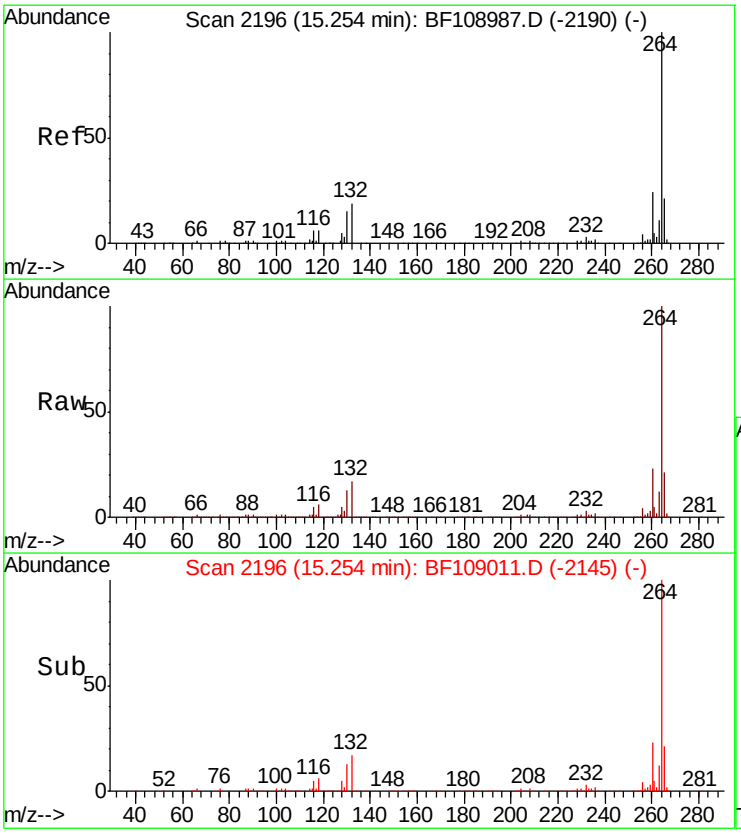
#78
Terphenyl-d14
Concen: 77.695 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Instrument :
BNA_F
ClientSampleId :
SV30518L

Tgt Ion:244 Resp: 1496464

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109011.D
Acq: 14 Sep 2018 22:41

Tgt Ion:264 Resp: 421977

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	17.5	26.3