Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108154.D
Acq On : 14 Aug 2018 19:29
Operator : JU/SJ
Sample : J4458-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 15 10:56:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	195528	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	695500	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	296273	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	525224	20.00	ng		0.00
75) Chrysene-d12	14.22	240	459915	20.00	ng		0.00
86) Perylene-d12	15.78	264	293954	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	291184	26.96	ng		0.00
7) Phenol-d6	6.62	99	237425	16.54	ng		0.00
23) Nitrobenzene-d5	7.58	82	812505	65.19	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	177584	60.09	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1415591	76.71	ng		0.00
78) Terphenyl-d14	13.15	244	1173130	64.85	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	110687	11.405	ng	#	86
25) Isophorone	7.58	82	810070	34.099	ng	#	64
32) Benzoic acid	8.07	122	109	5.990	ng	#	1
49) Dimethylphthalate	9.77	163	144511	7.002	ng	#	99
56) 2,4-Dinitrotoluene	10.07	165	38330	6.896	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.84	198	2644	6.550	ng		80
66) 4-Bromophenyl-phenylether	10.85	248	11563	2.026	ng	#	1

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

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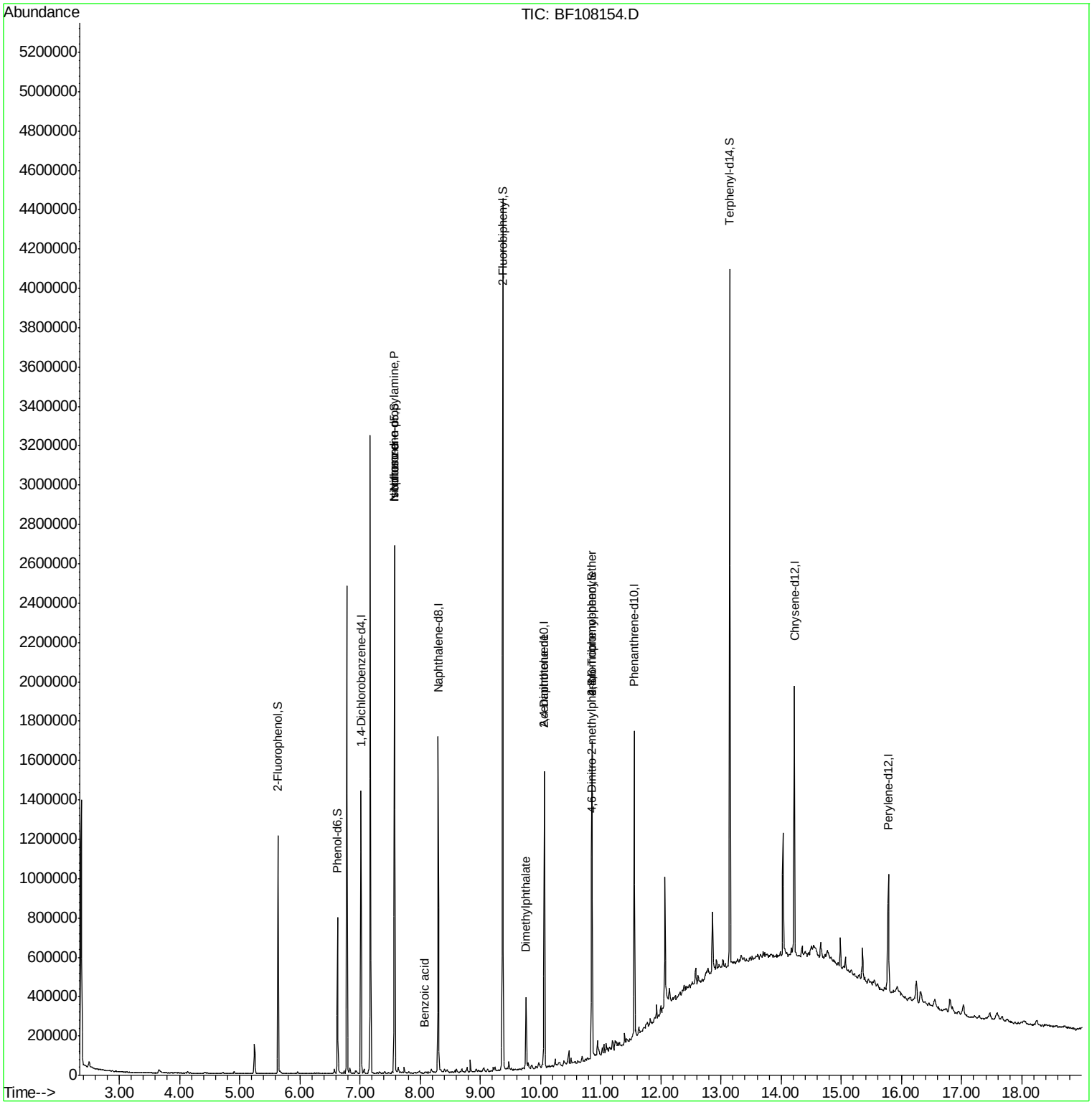
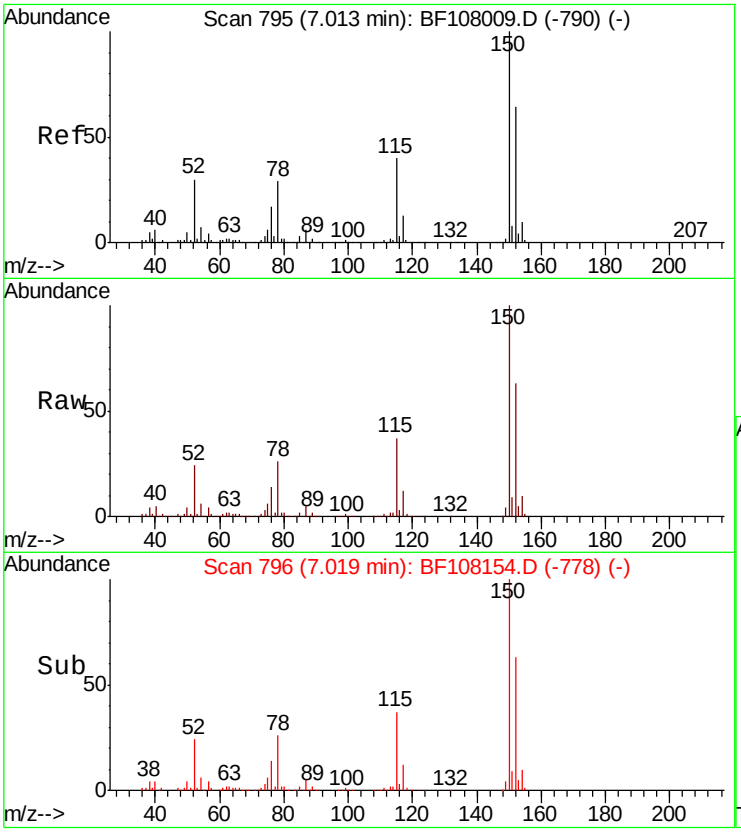


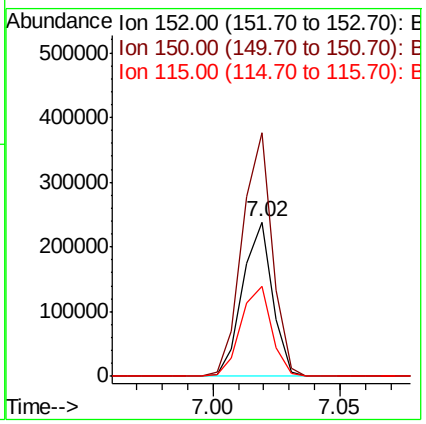


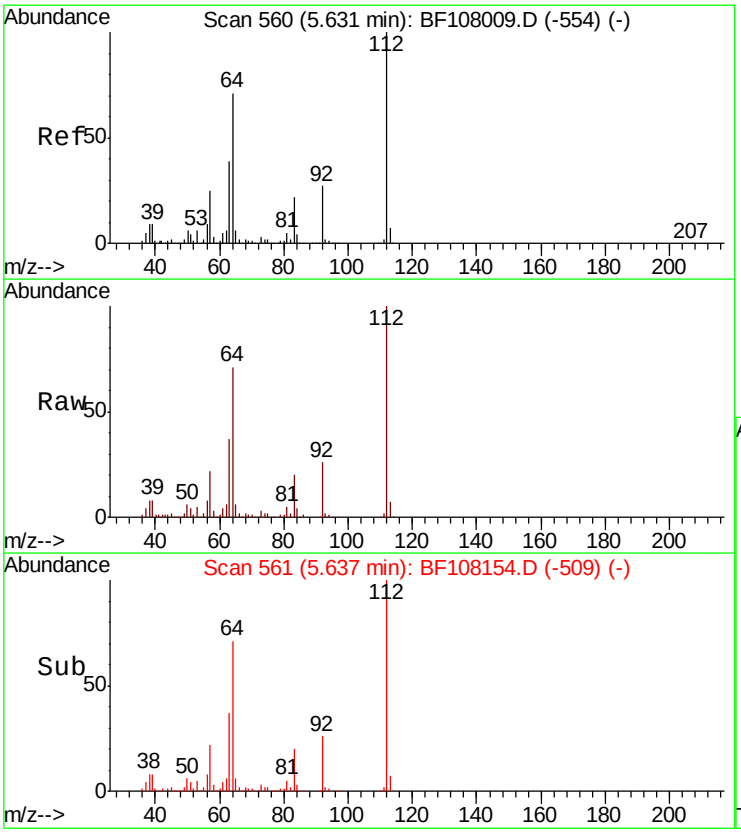
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 195528

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	58.6	50.1	75.1

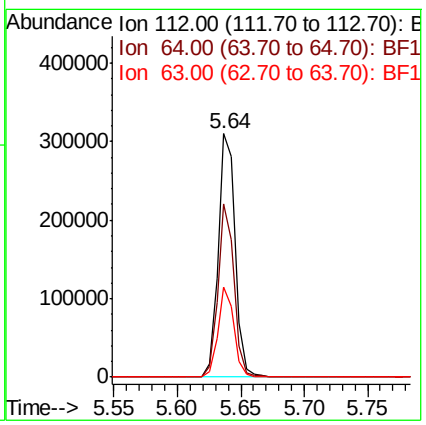


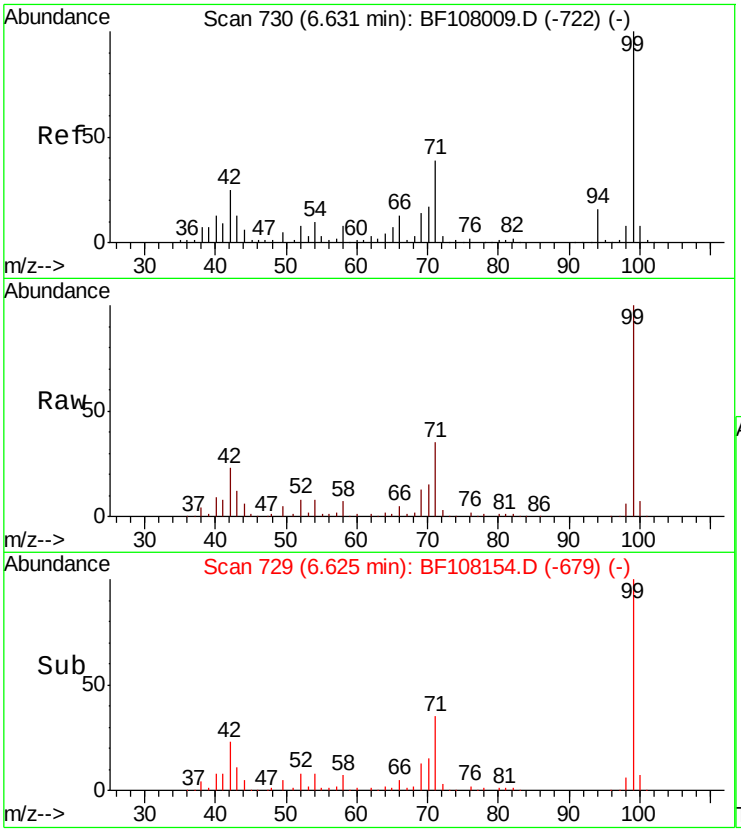


#5
2-Fluorophenol
Concen: 26.962 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion:112 Resp: 291184

Ion	Ratio	Lower	Upper
112	100		
64	71.3	47.9	71.9
63	36.8	23.7	35.5#



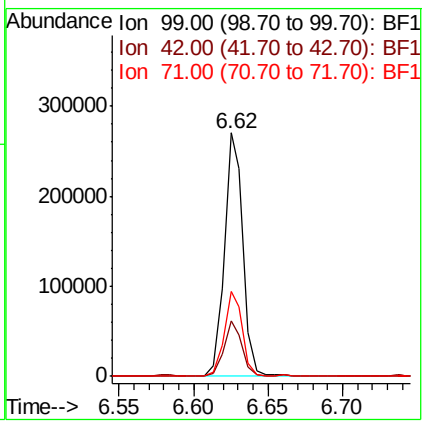


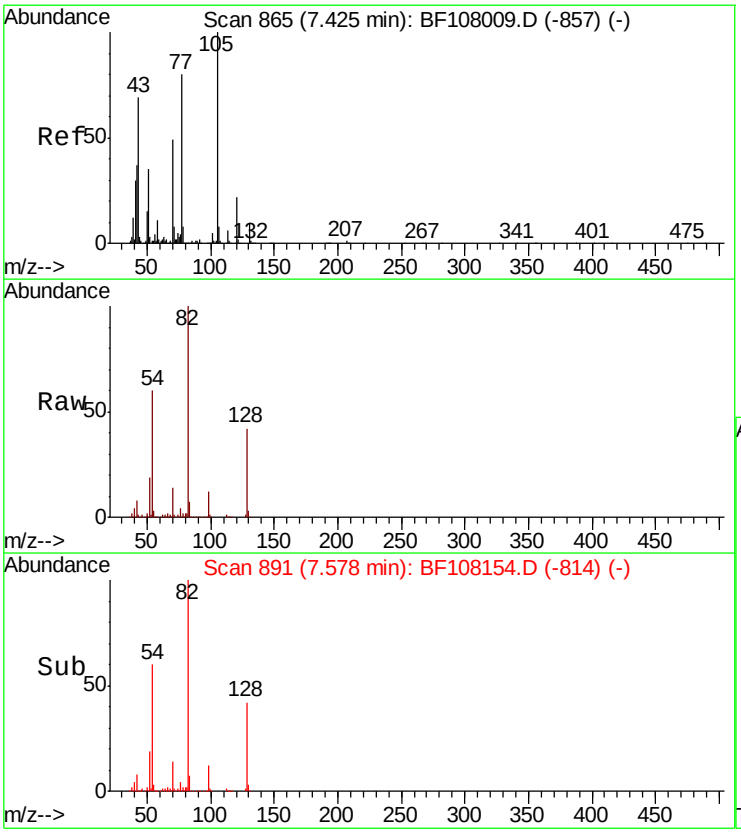
#7
Phenol-d6
Concen: 16.543 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 237425

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	34.9	25.4	38.0

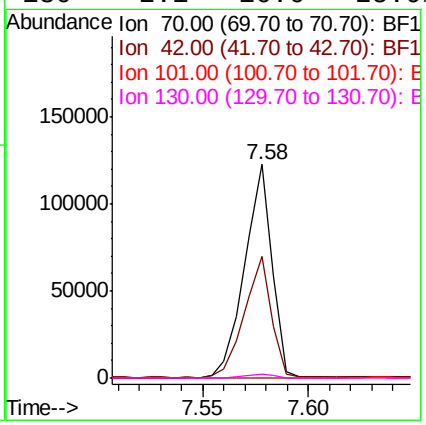


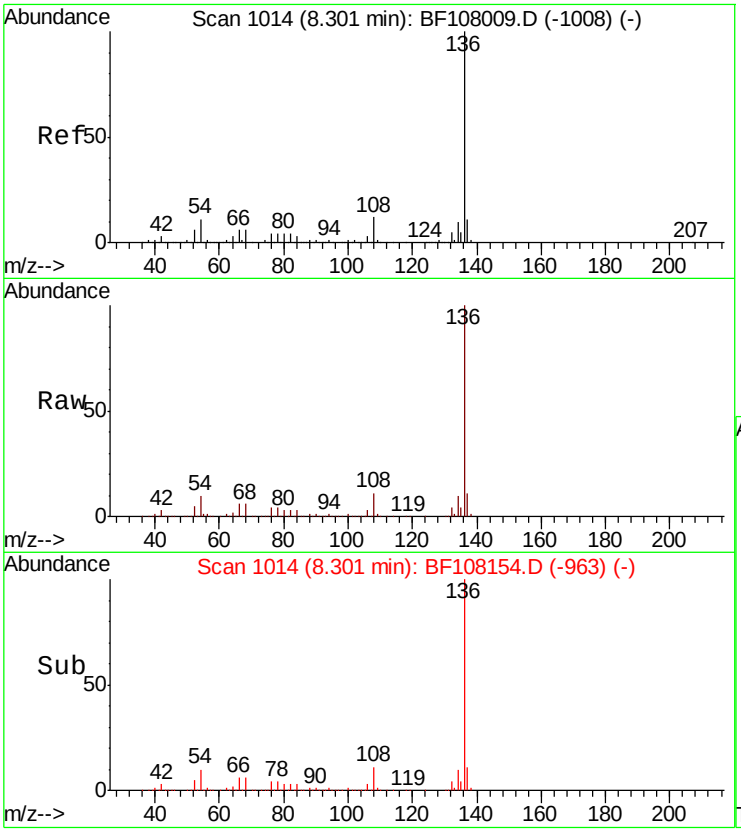


#19
n-Nitroso-di-n-propylamine
Concen: 11.405 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion: 70 Resp: 110687

Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



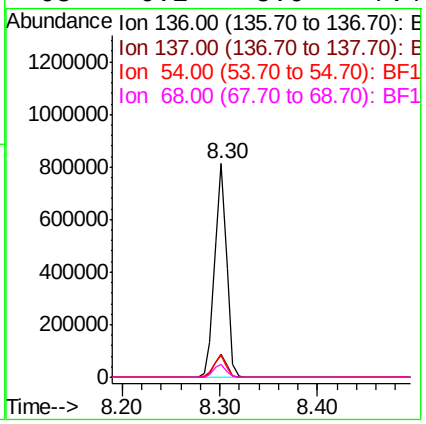


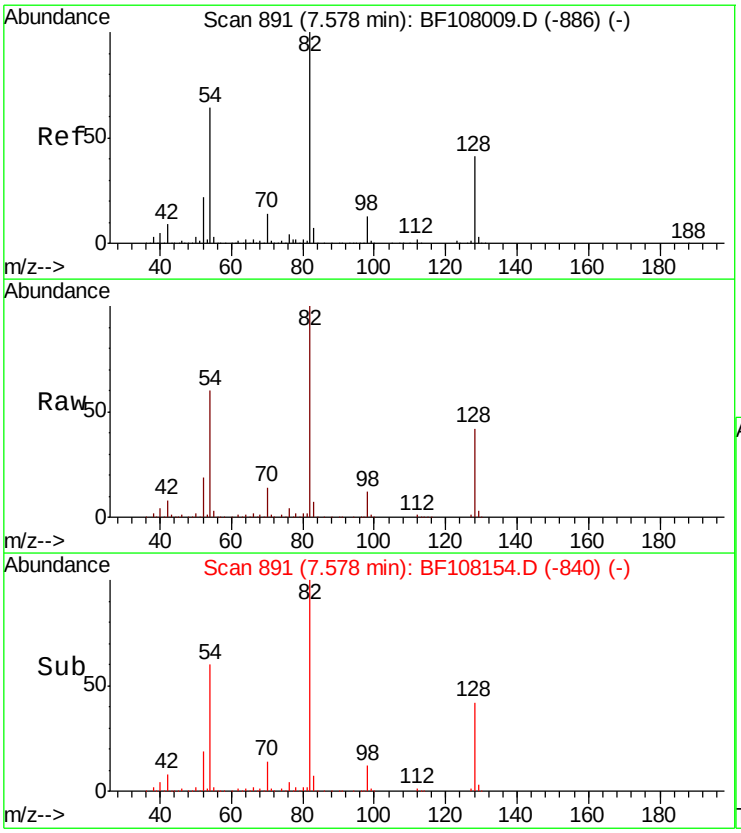
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 695500

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.2	6.6	9.8#
68	6.2	5.0	7.4

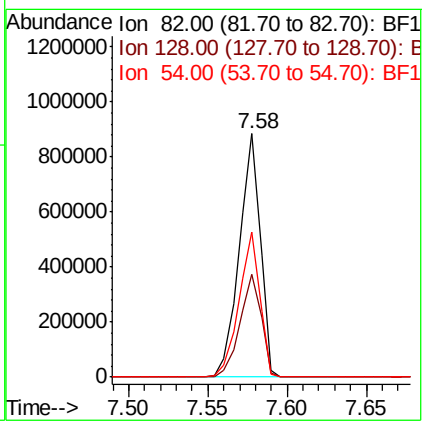


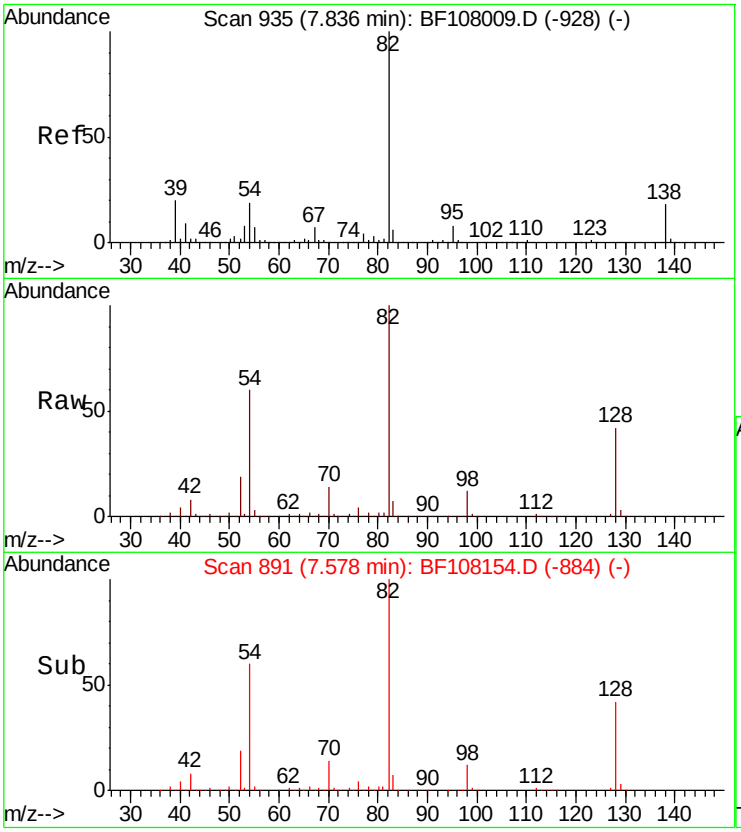


#23
Nitrobenzene-d5
Concen: 65.189 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion: 82 Resp: 812505

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	59.6	41.4	62.2



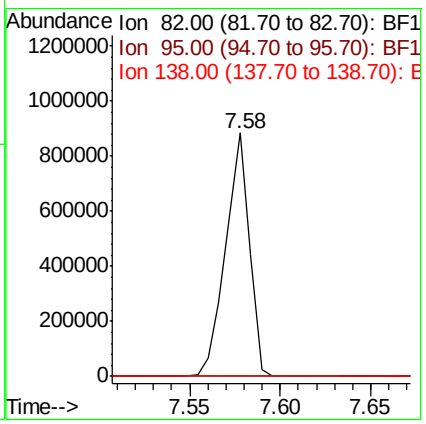


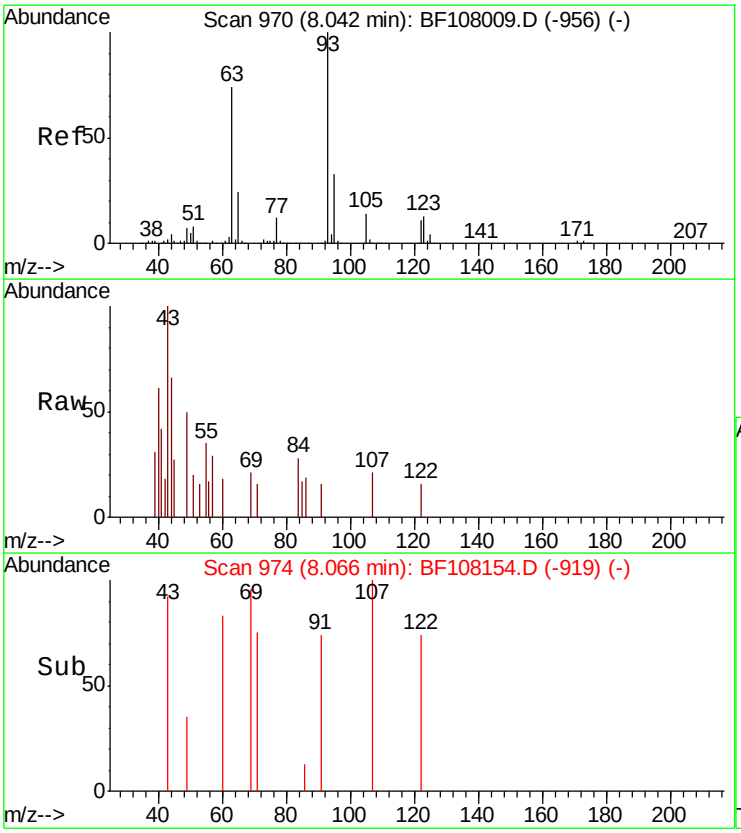
#25
Isophorone
Concen: 34.099 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 810070

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

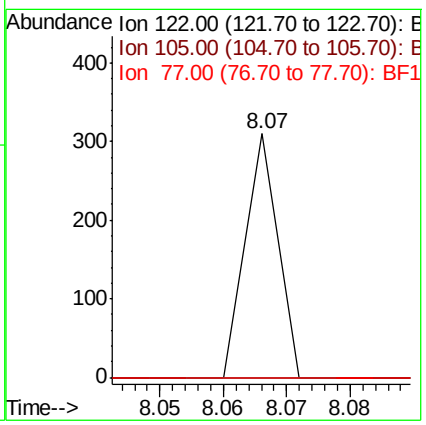


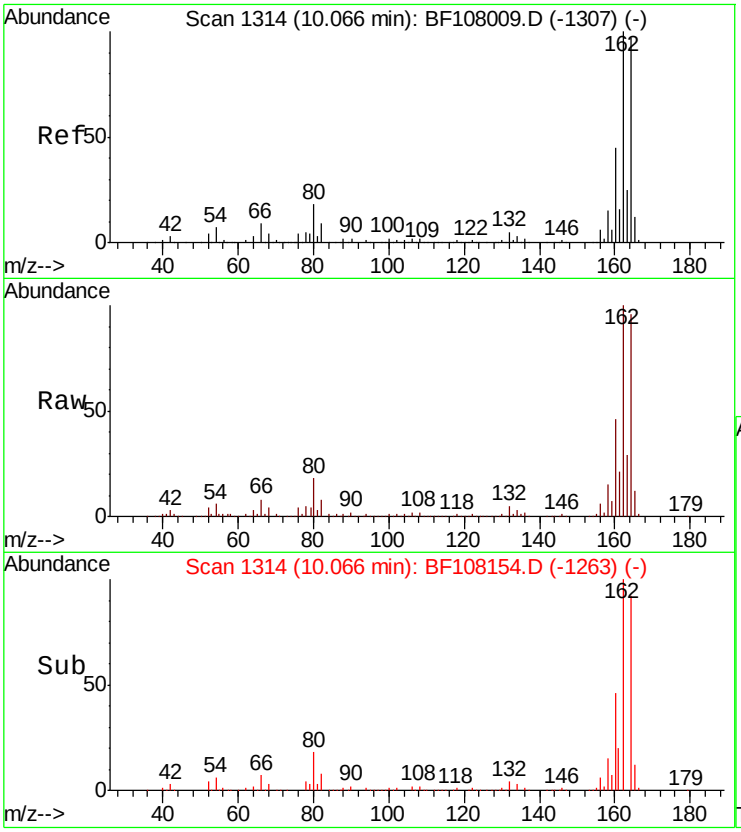


#32
Benzoic acid
Concen: 5.990 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



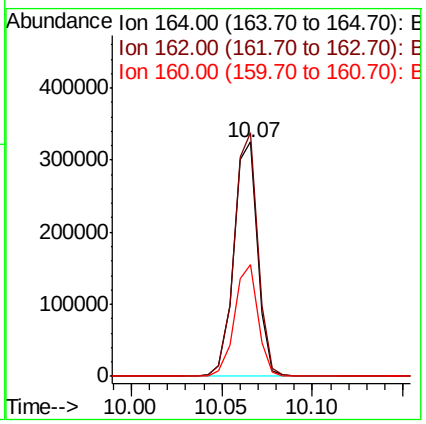


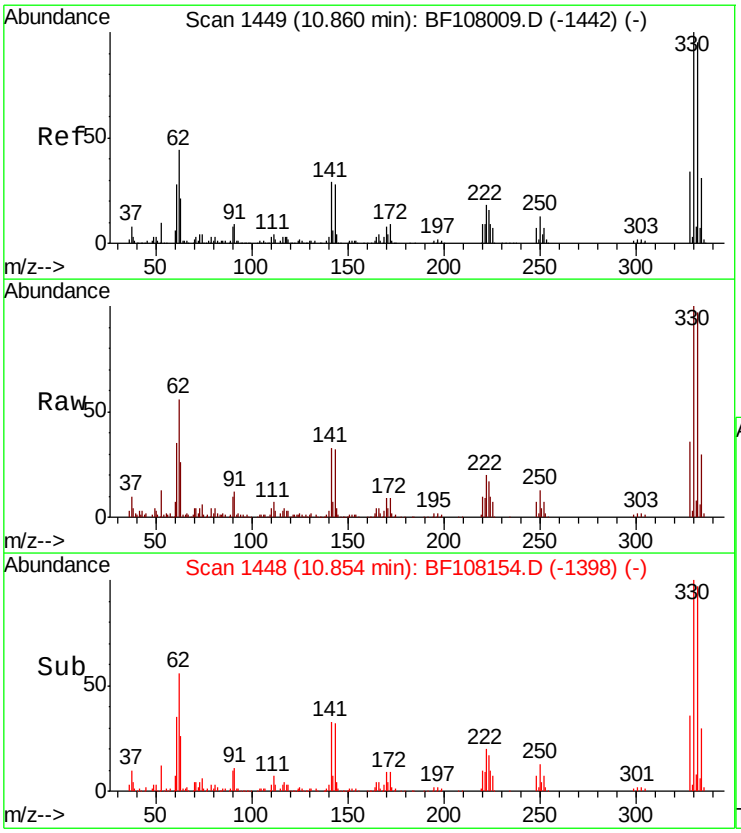
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 296273

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.7	38.3	57.5

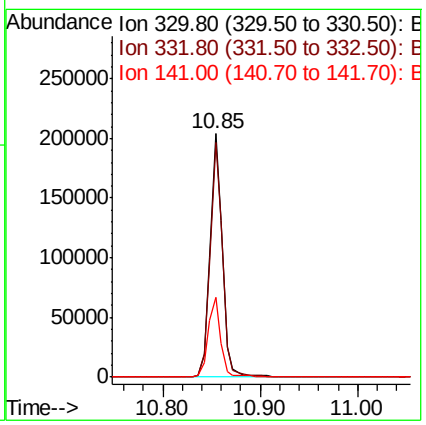


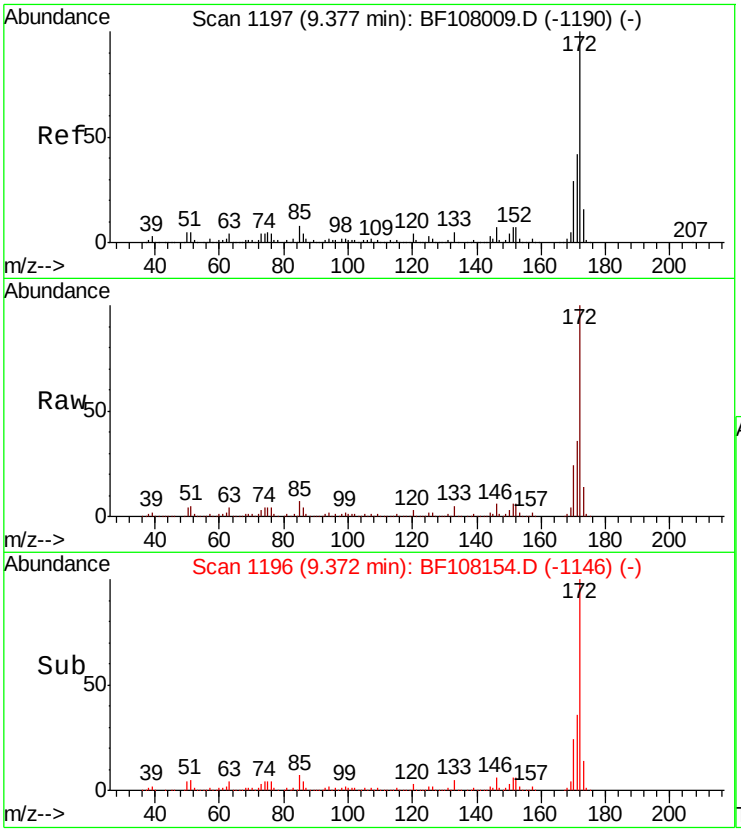


#41
2,4,6-Tribromophenol
Concen: 60.091 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion:330 Resp: 177584

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.5	29.9	44.9



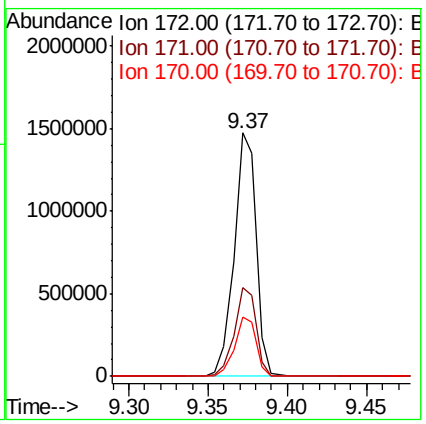


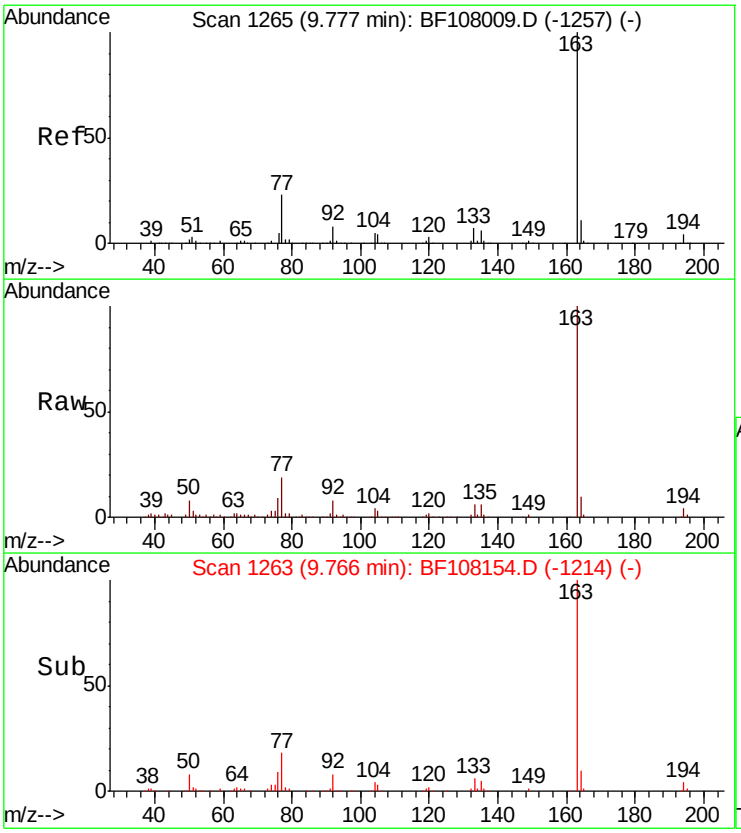
#44
2-Fluorobiphenyl
Concen: 76.709 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1415591

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

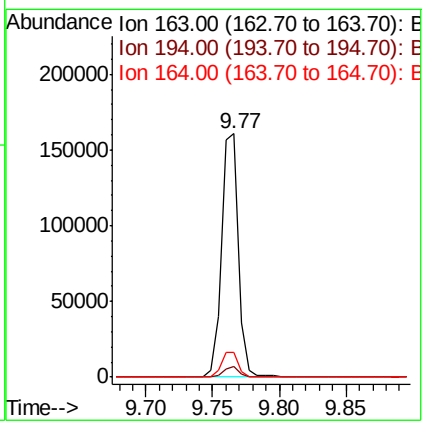


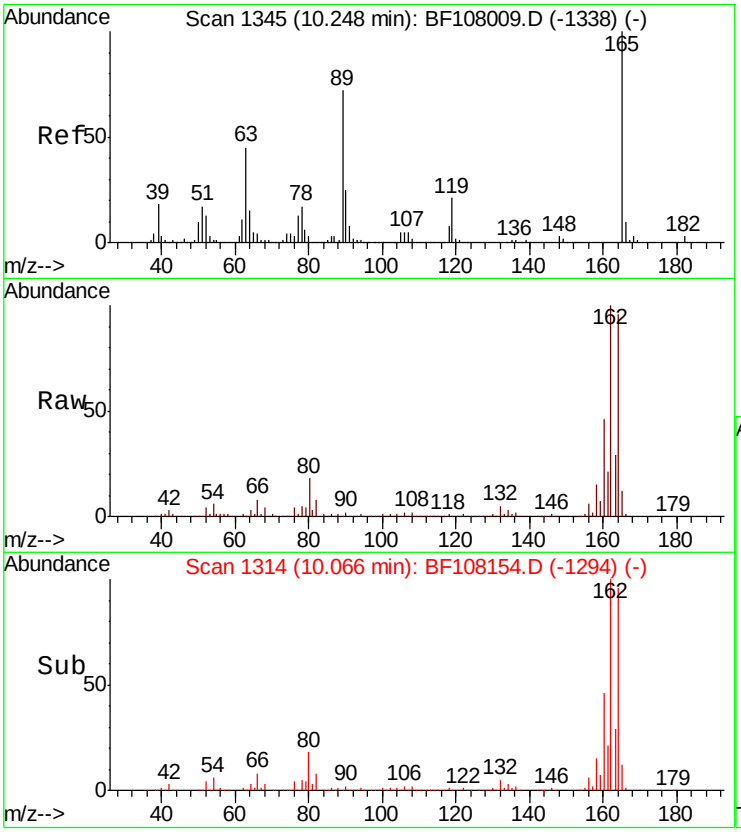


#49
Dimethylphthalate
Concen: 7.002 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion:163 Resp: 144511

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



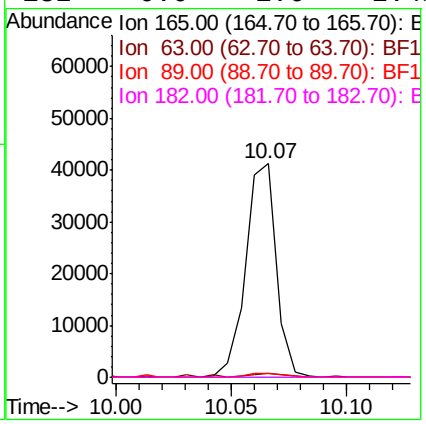


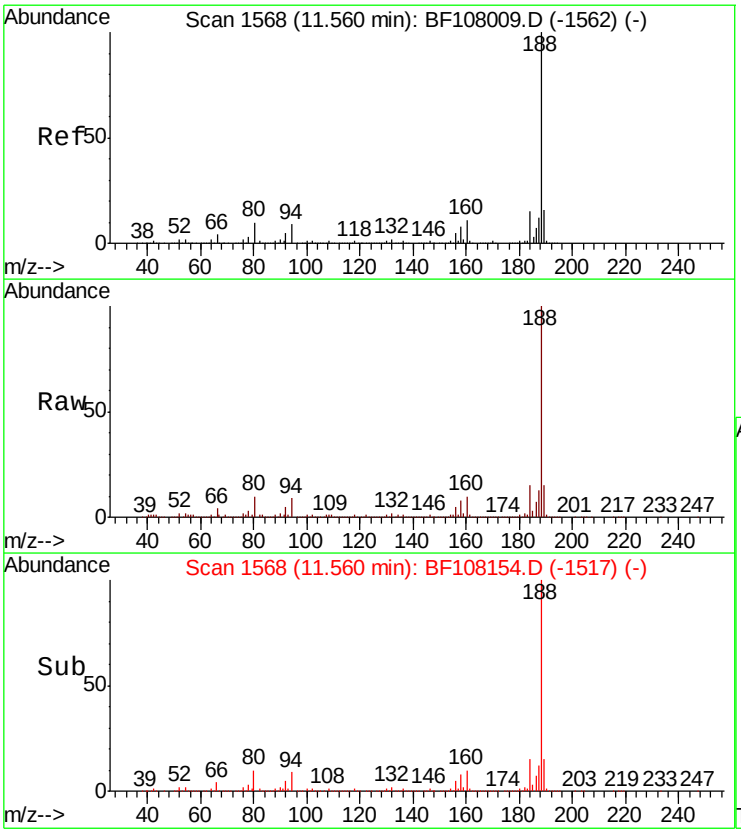
#56
2,4-Dinitrotoluene
Concen: 6.896 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.18 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38330

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

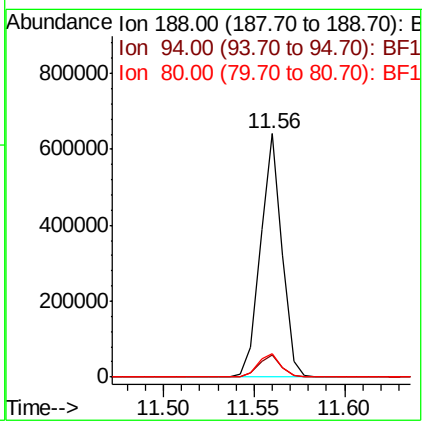


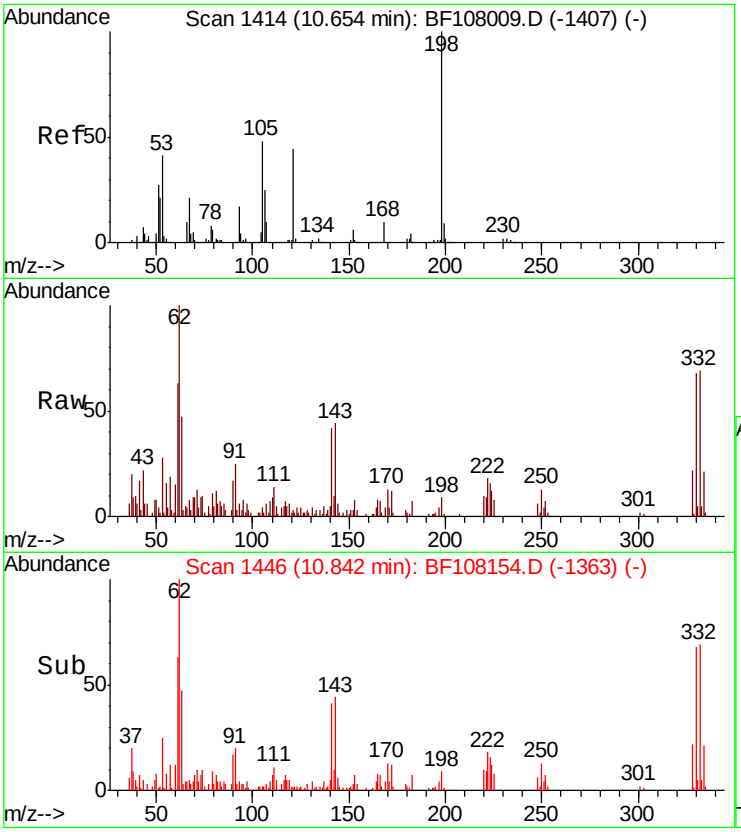


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion:188 Resp: 525224

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8



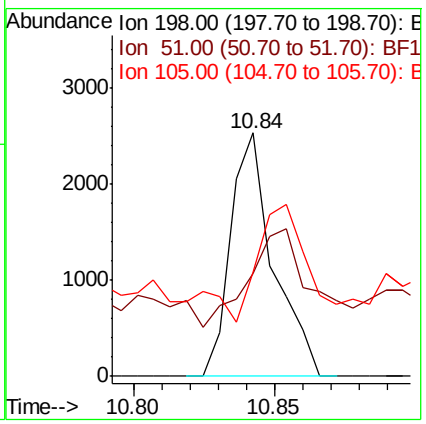


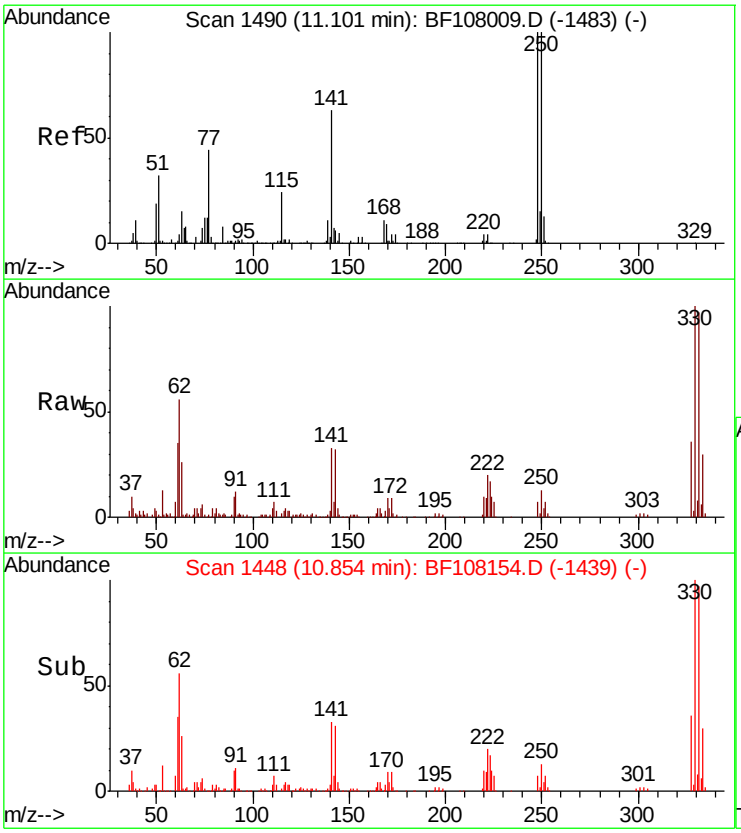
#64
4,6-Dinitro-2-methylphenol
Concen: 6.550 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.19 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 2644

Ion	Ratio	Lower	Upper
198	100		
51	42.1	37.7	77.7
105	42.8	36.3	76.3

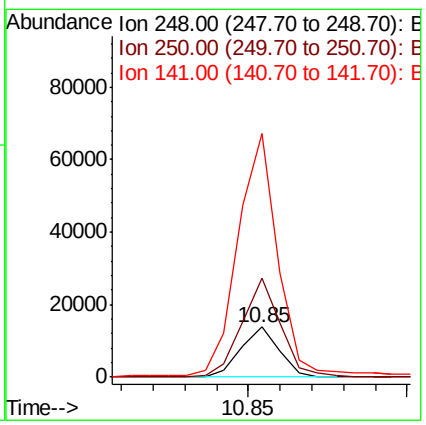


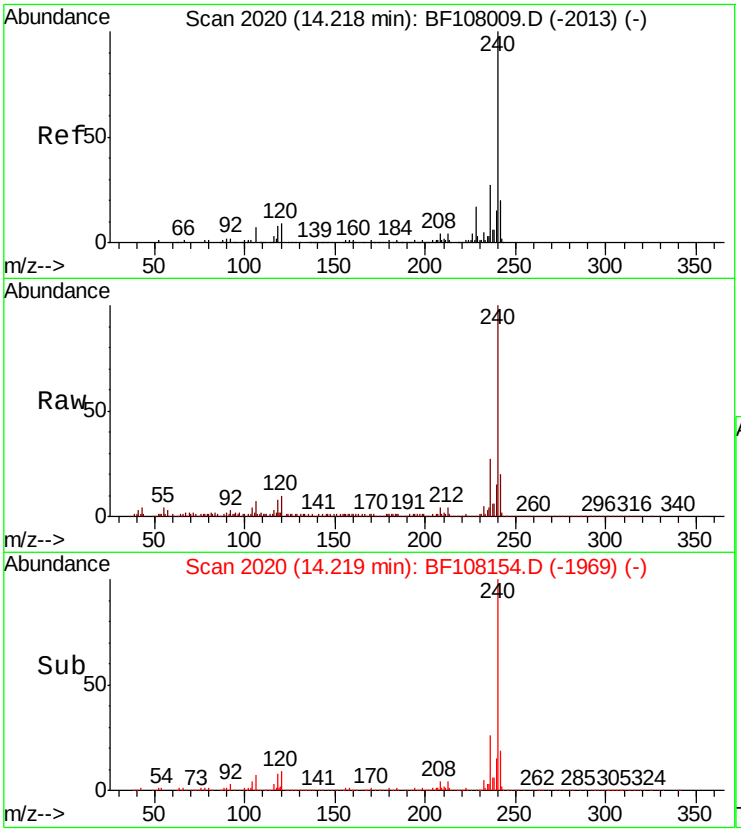


#66
4-Bromophenyl-phenylether
Concen: 2.026 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion:248 Resp: 11563

Ion	Ratio	Lower	Upper
248	100		
250	195.8	76.9	115.3#
141	484.5	74.4	111.6#



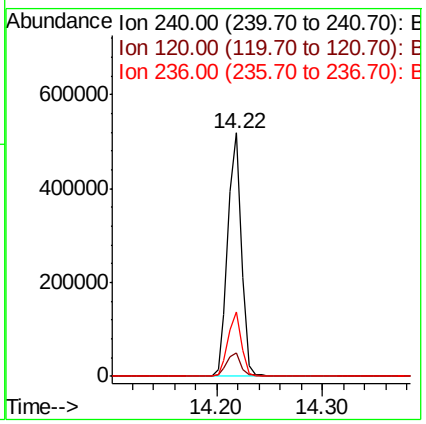


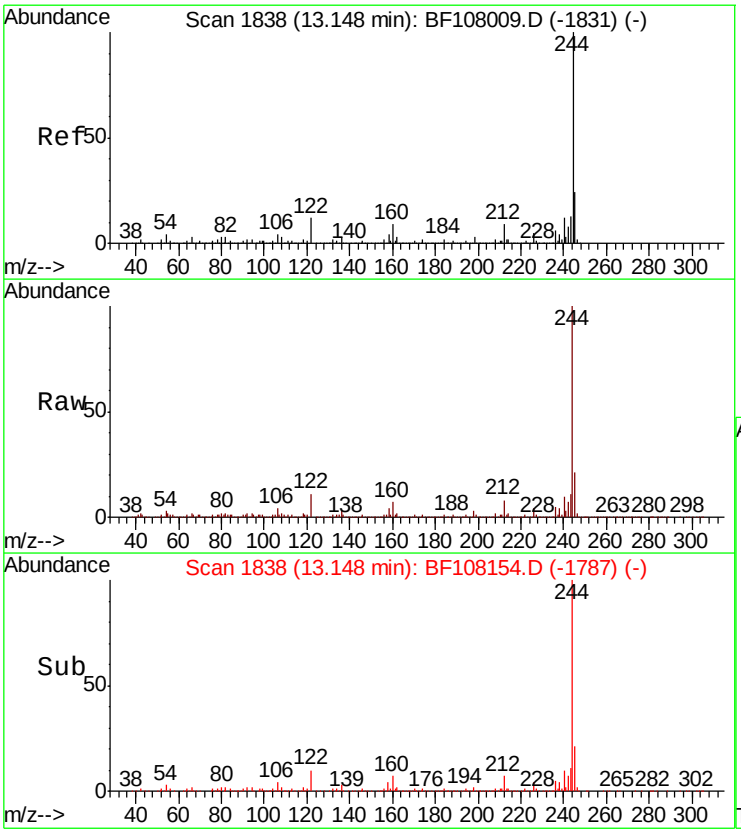
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 459915

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.5	20.7	31.1

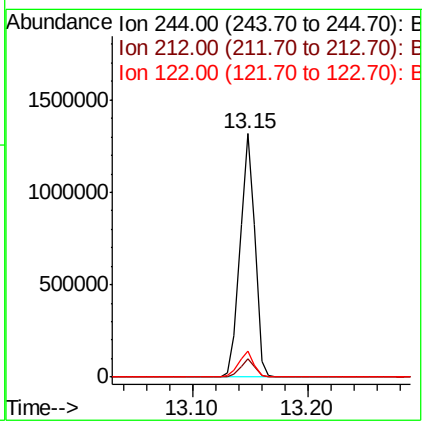


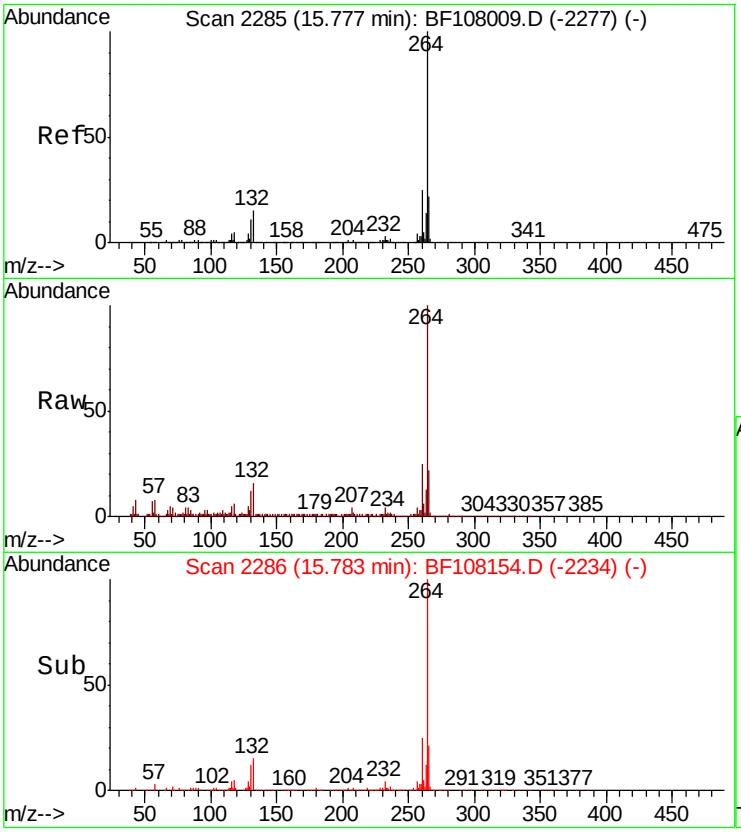


#78
Terphenyl-d14
Concen: 64.855 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion:244 Resp: 1173130

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 293954

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.6	17.5	26.3