Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108520.D
Acq On : 27 Aug 2018 19:36
Operator : JU/SJ
Sample : J4621-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 01:36:38 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	116869	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	444716	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	209658	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	337945	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	272021	20.00	ng		-0.01
86) Perylene-d12	15.74	264	257896	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	660554	102.33	ng		0.00
7) Phenol-d6	6.62	99	892559	104.05	ng		0.00
23) Nitrobenzene-d5	7.56	82	591240	74.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	212853	101.78	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	1091785	83.60	ng		-0.01
78) Terphenyl-d14	13.12	244	818777	76.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.64	94	18196	2.051	ng		89
19) n-Nitroso-di-n-propylamine	7.56	70	79519	13.708	ng	#	85
25) Isophorone	7.56	82	591235	38.922	ng	#	64
49) Dimethylphthalate	9.74	163	97887	6.703	ng		98
56) 2,4-Dinitrotoluene	10.04	165	26269	6.679	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.84	198	381	5.625	ng	#	1
66) 4-Bromophenyl-phenylether	10.84	248	13903	3.786	ng	#	1

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

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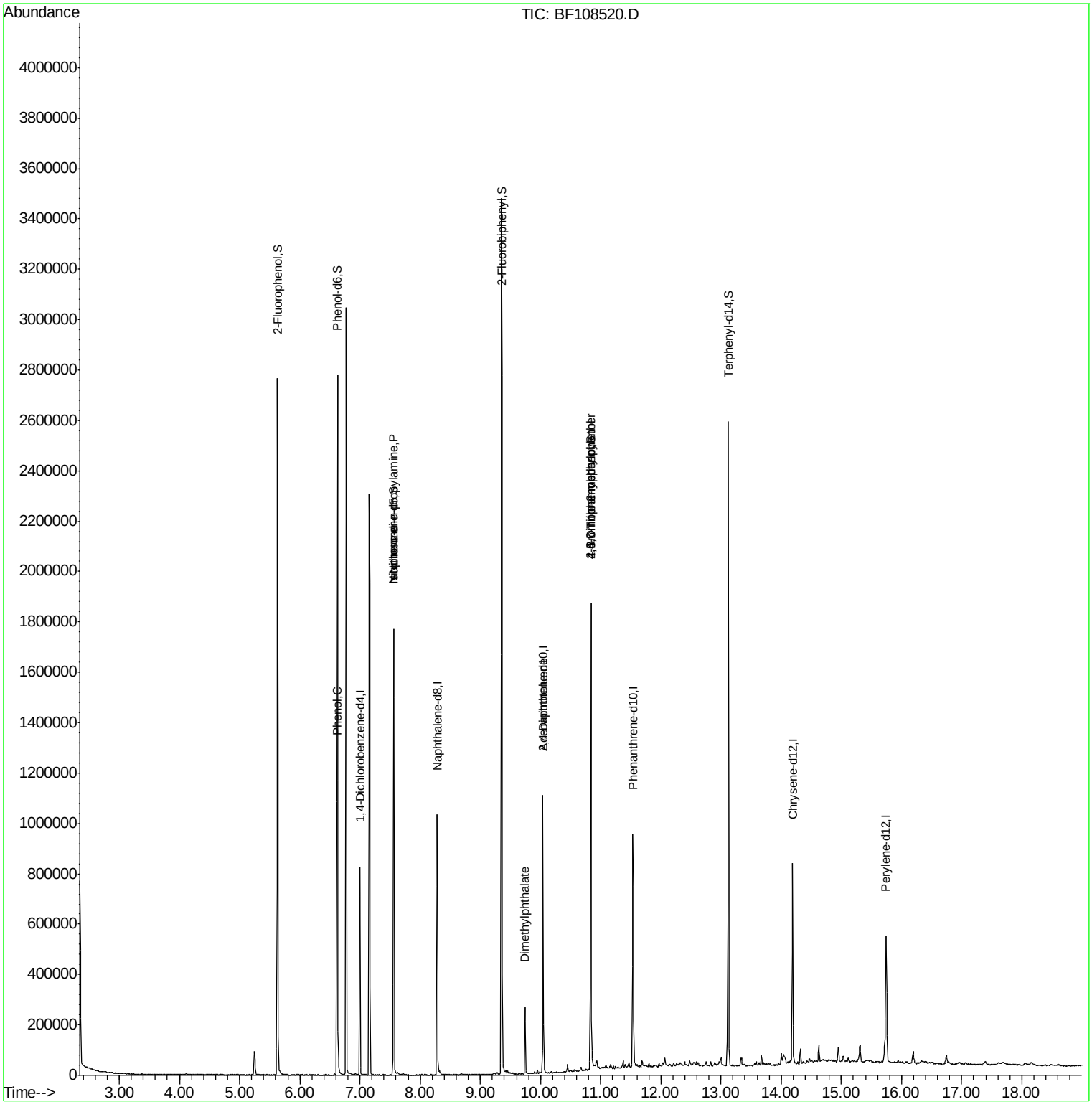
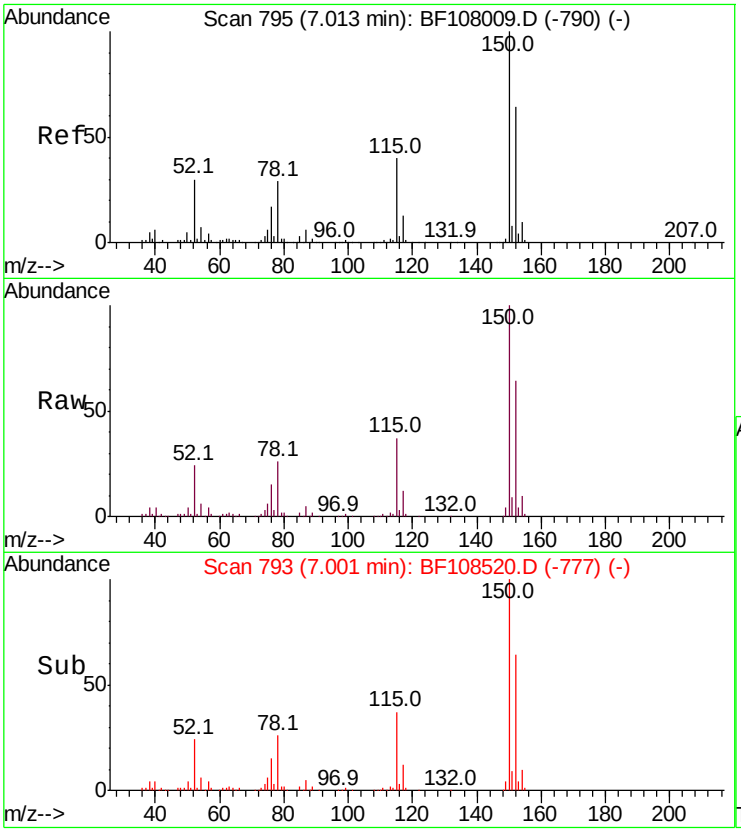


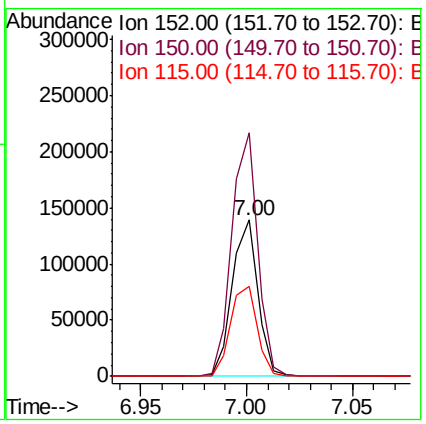


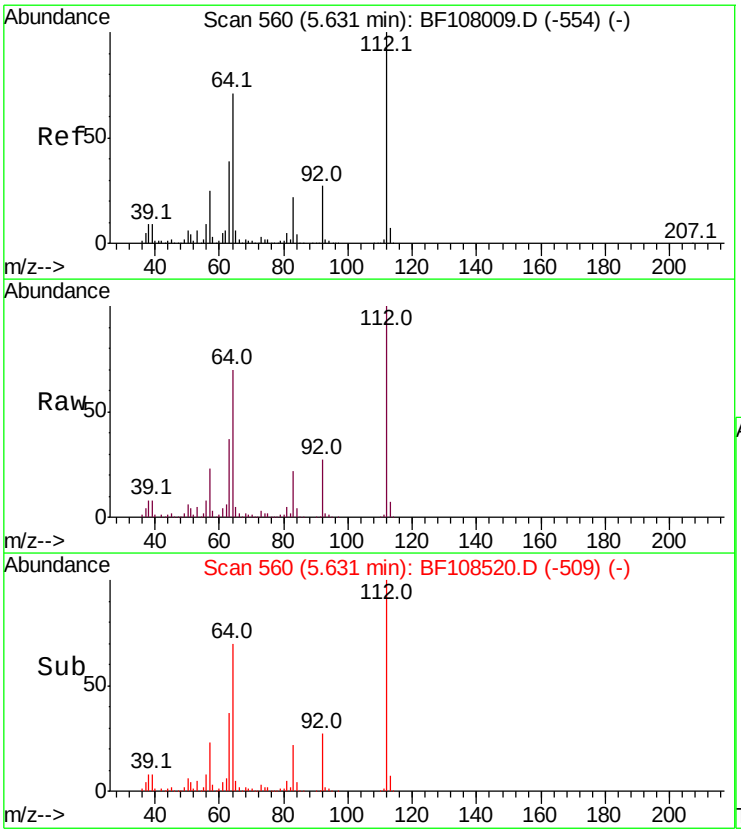
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116869

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	57.9	50.1	75.1

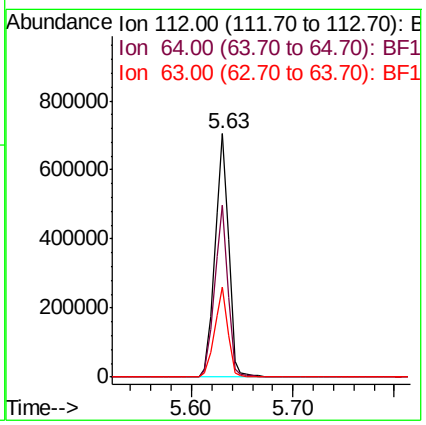


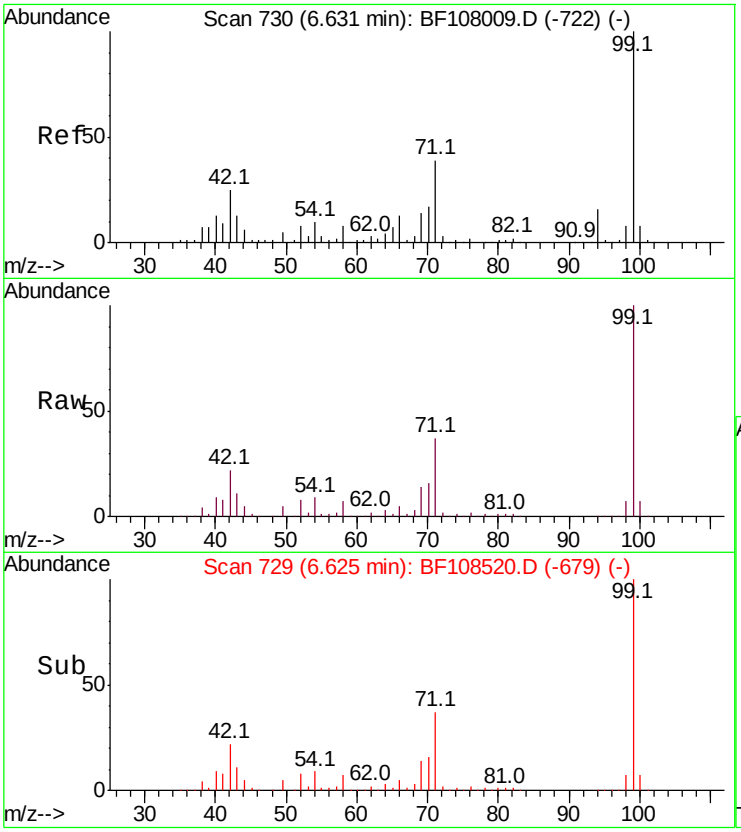


#5
2-Fluorophenol
Concen: 102.329 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion:112 Resp: 660554

Ion	Ratio	Lower	Upper
112	100		
64	70.4	47.9	71.9
63	37.0	23.7	35.5#



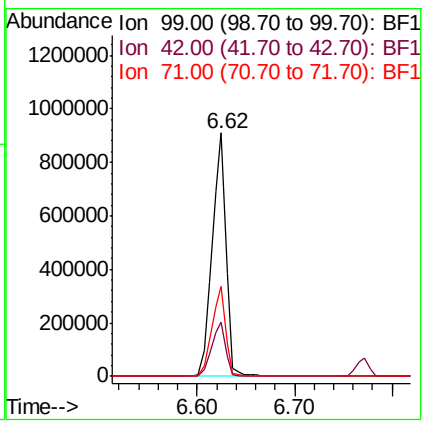


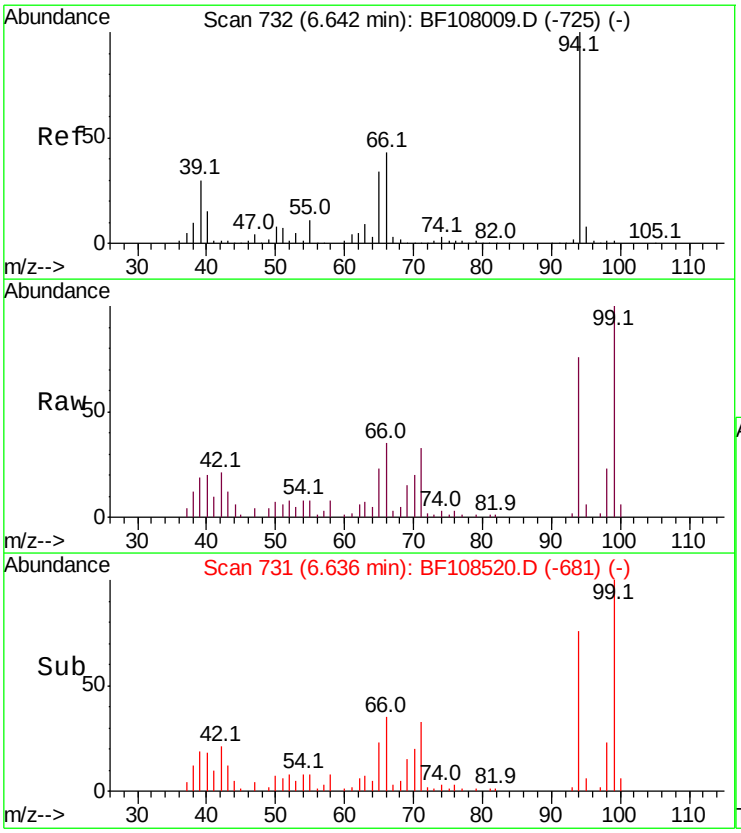
#7
Phenol-d6
Concen: 104.051 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 892559

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	36.9	25.4	38.0

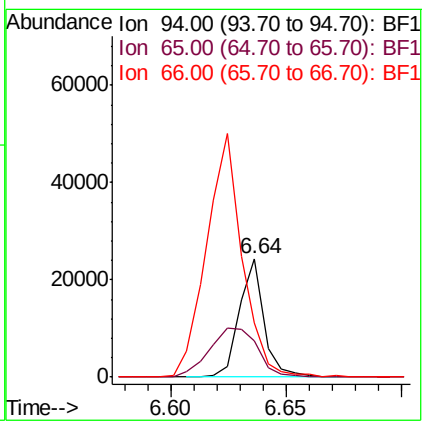


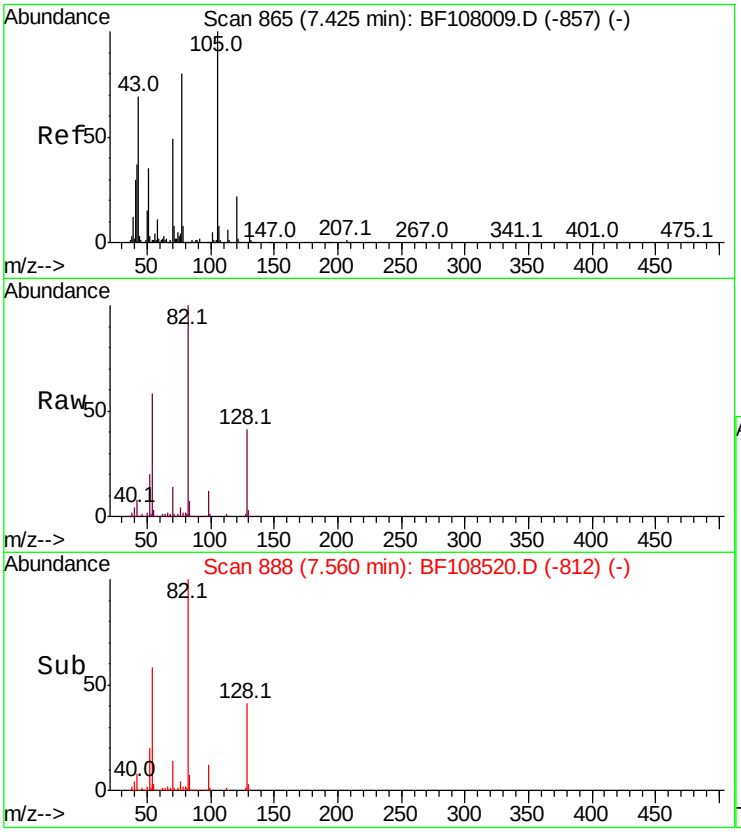


#10
Phenol
Concen: 2.051 ng
RT: 6.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion: 94 Resp: 18196

Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.9	47.9
66	45.7	16.2	56.2



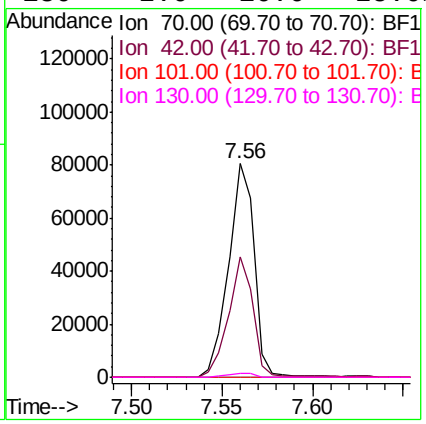


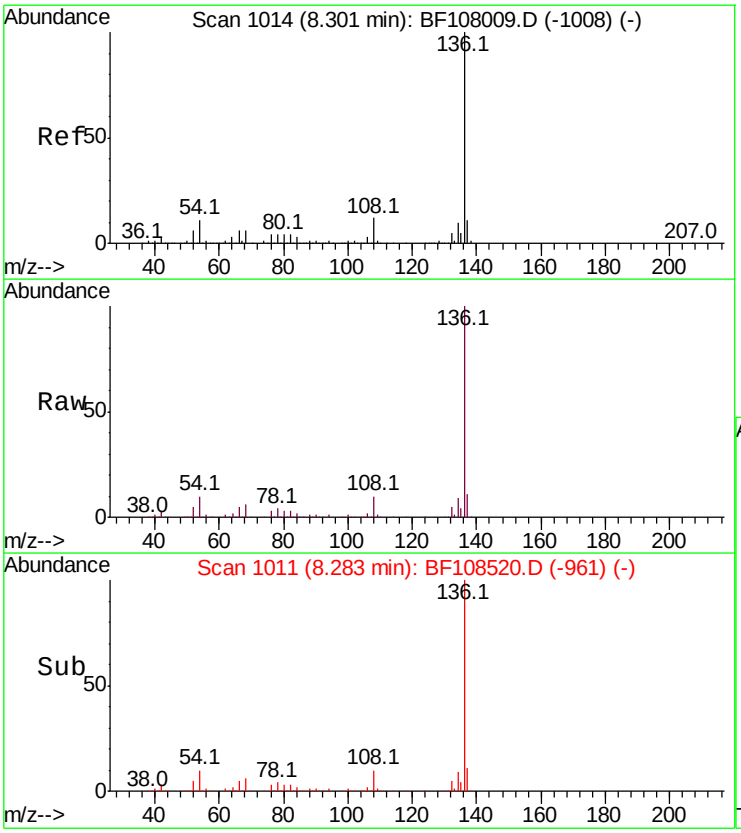
#19
n-Nitroso-di-n-propylamine
Concen: 13.708 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 79519

Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

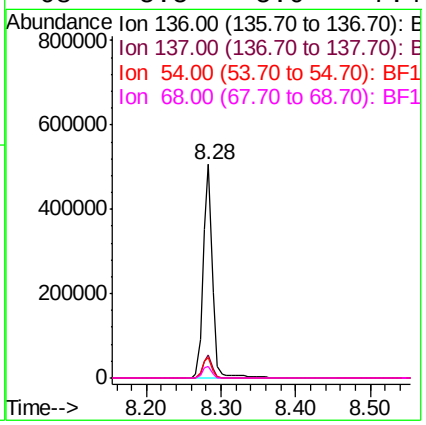


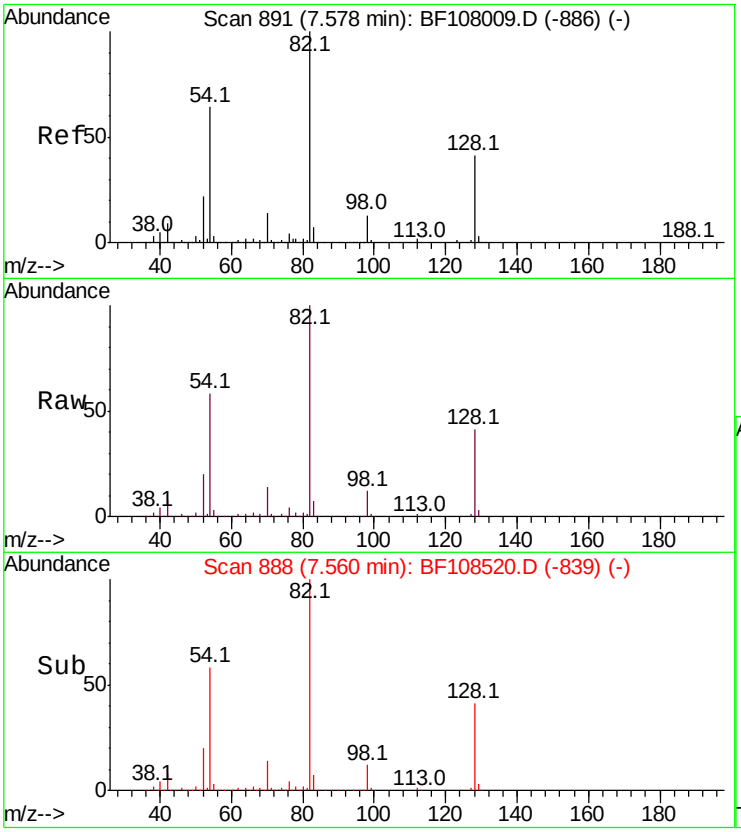


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion:136 Resp: 444716

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	6.6	9.8
68	5.5	5.0	7.4



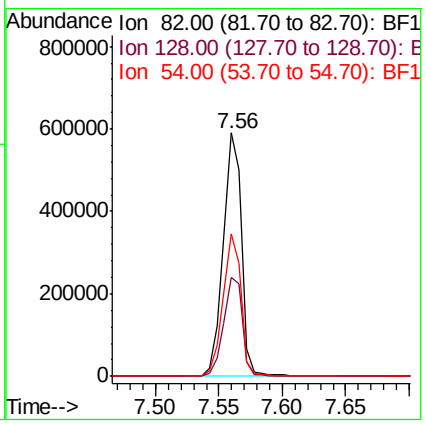


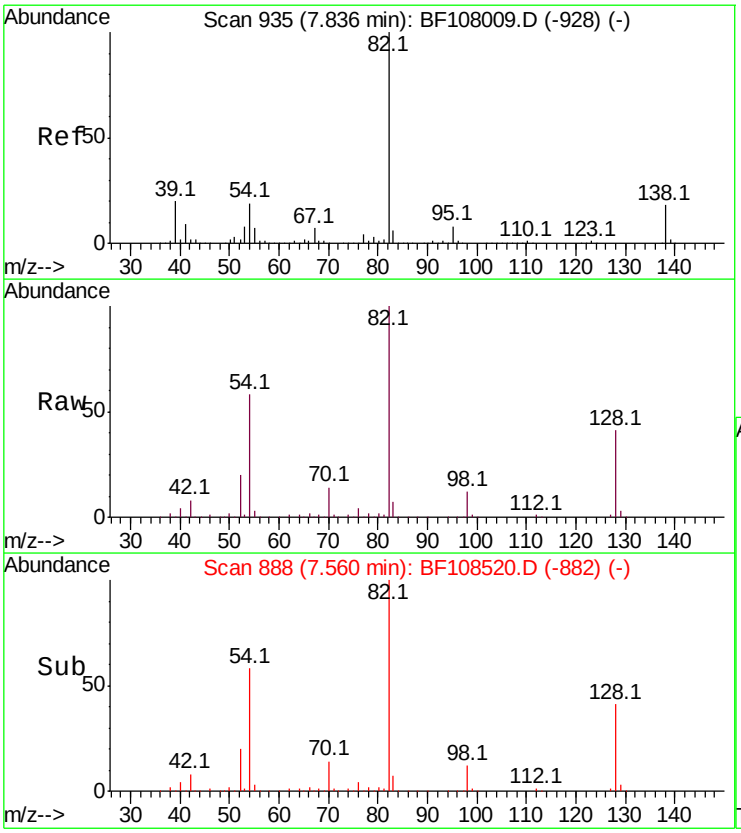
#23
Nitrobenzene-d5
Concen: 74.187 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 591240

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	58.4	41.4	62.2

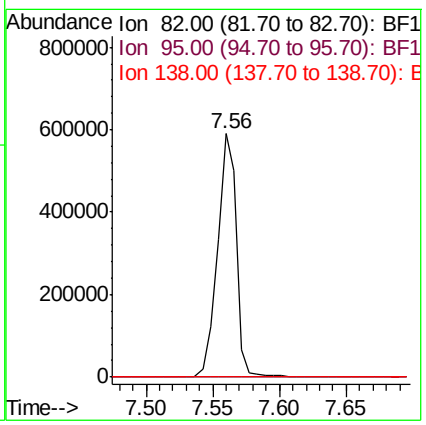


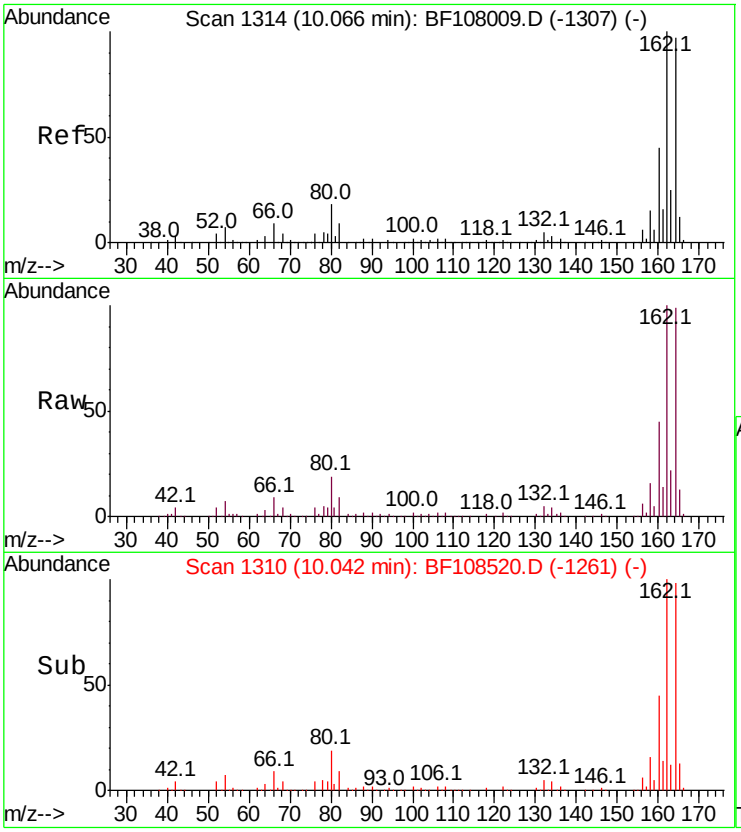


#25
Isophorone
Concen: 38.922 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion: 82 Resp: 591235

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



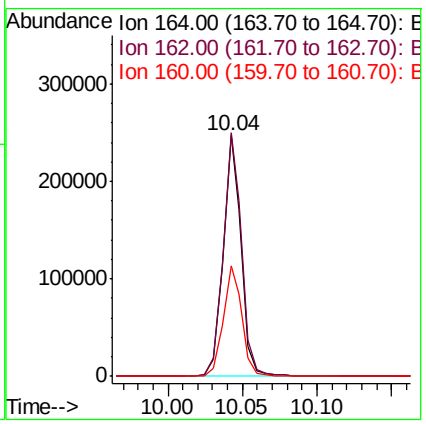


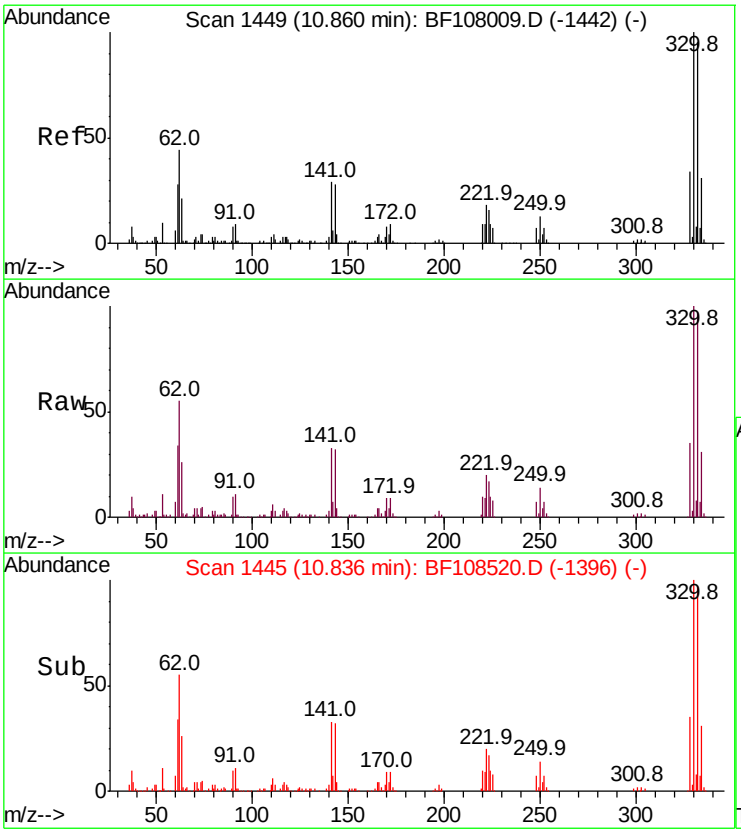
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 209658

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	45.7	38.3	57.5

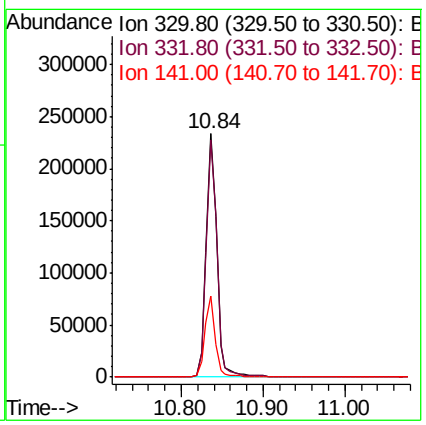


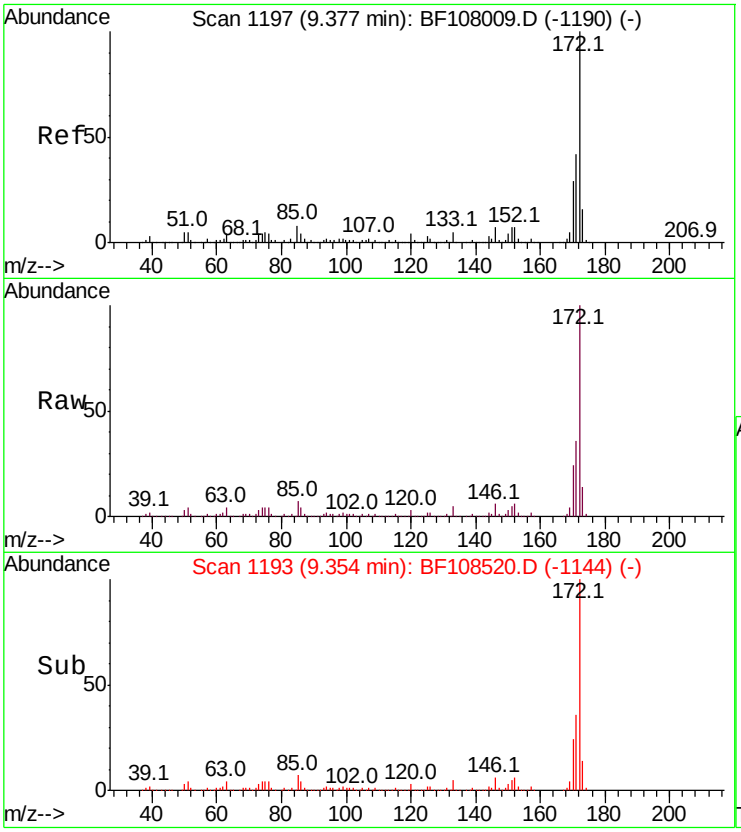


#41
2,4,6-Tribromophenol
Concen: 101.781 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion:330 Resp: 212853

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.5	29.9	44.9



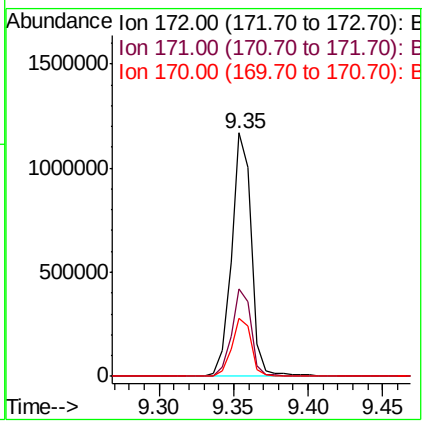


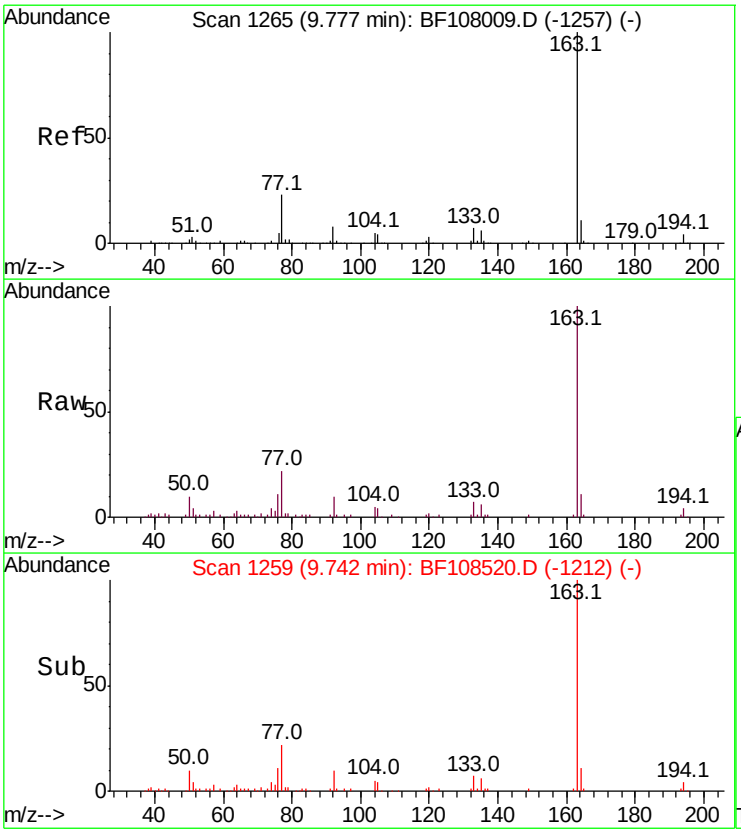
#44
2-Fluorobiphenyl
Concen: 83.604 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1091785

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

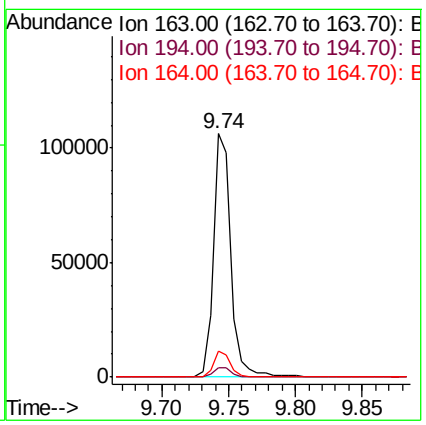


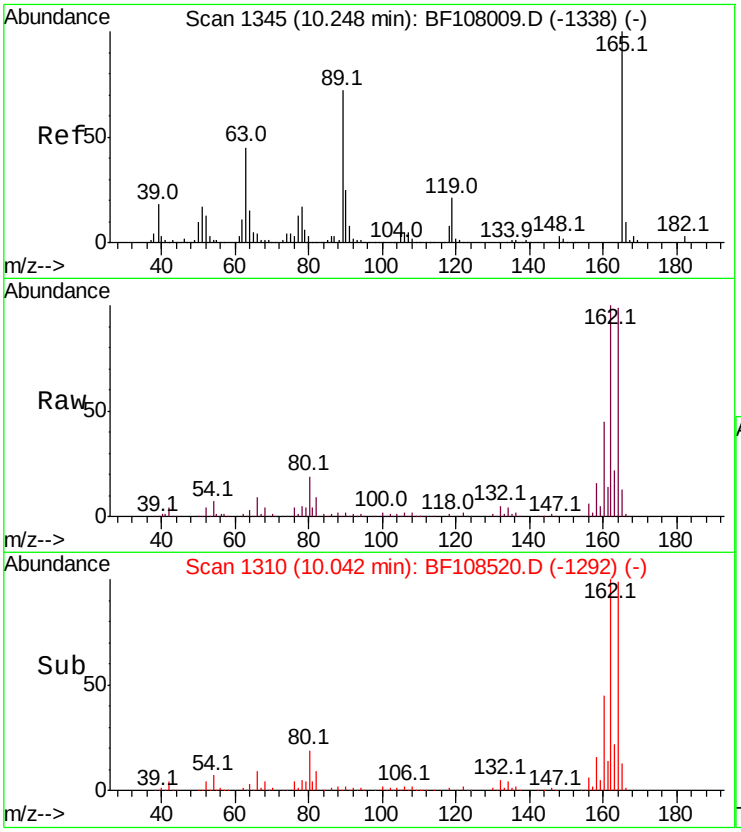


#49
Dimethylphthalate
Concen: 6.703 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion:163 Resp: 97887

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.9	8.2	12.2



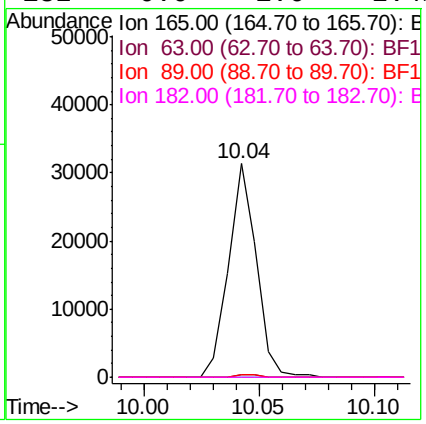


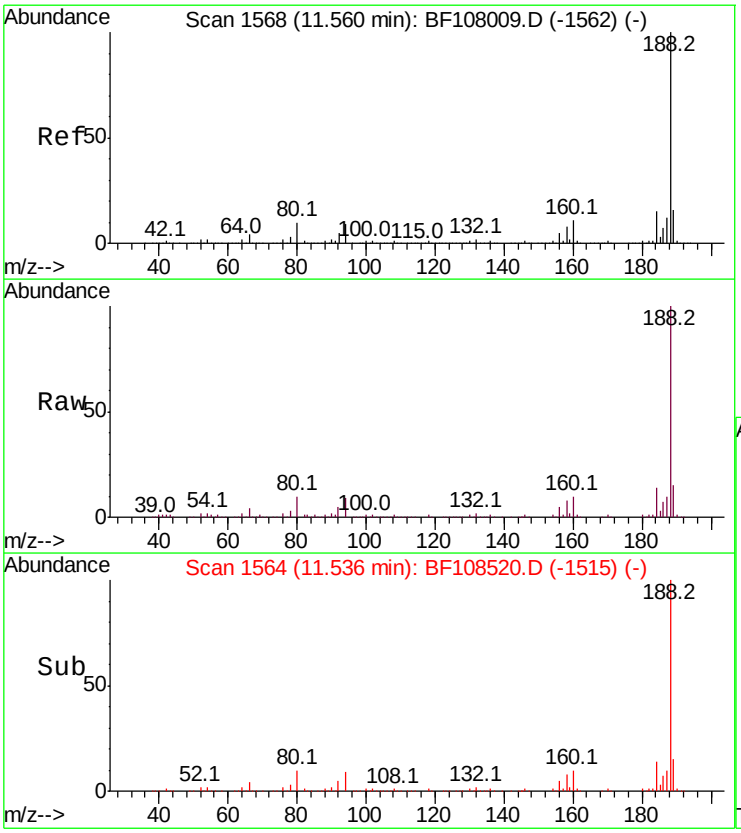
#56
2,4-Dinitrotoluene
Concen: 6.679 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26269

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

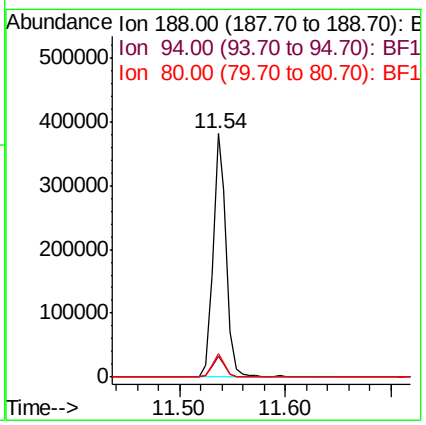


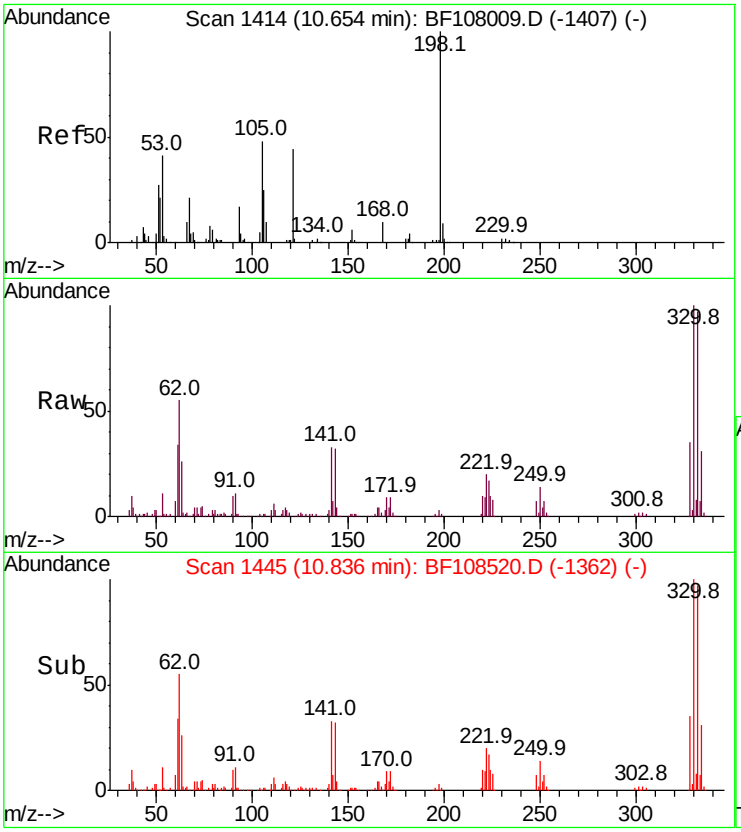


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion:188 Resp: 337945

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.7	9.2	13.8



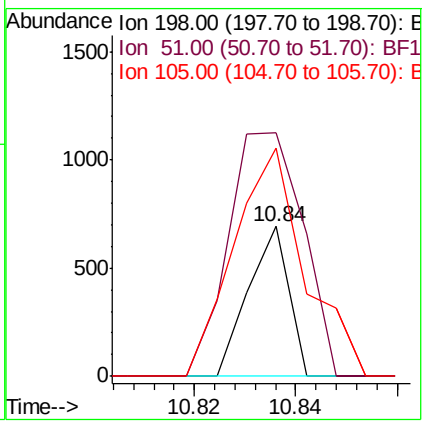


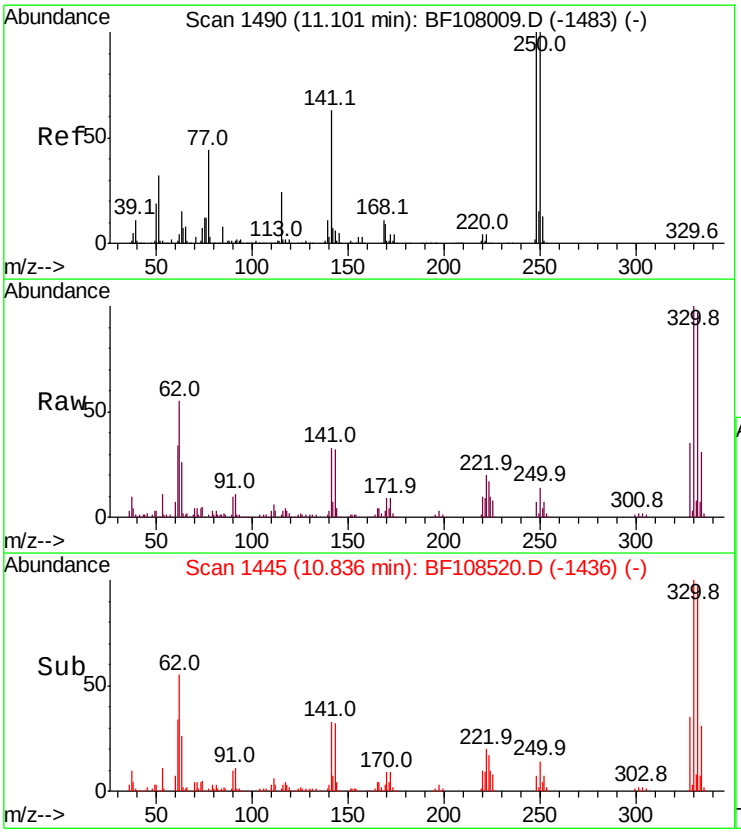
#64
4,6-Dinitro-2-methylphenol
Concen: 5.625 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 381

Ion	Ratio	Lower	Upper
198	100		
51	162.3	37.7	77.7#
105	151.8	36.3	76.3#

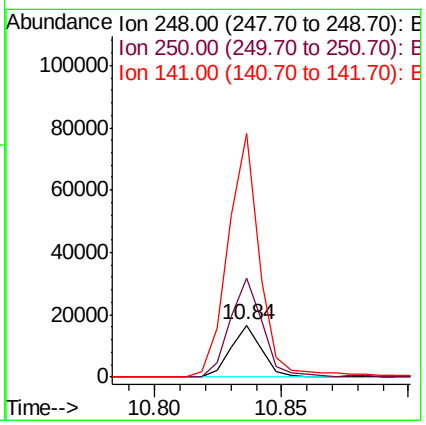


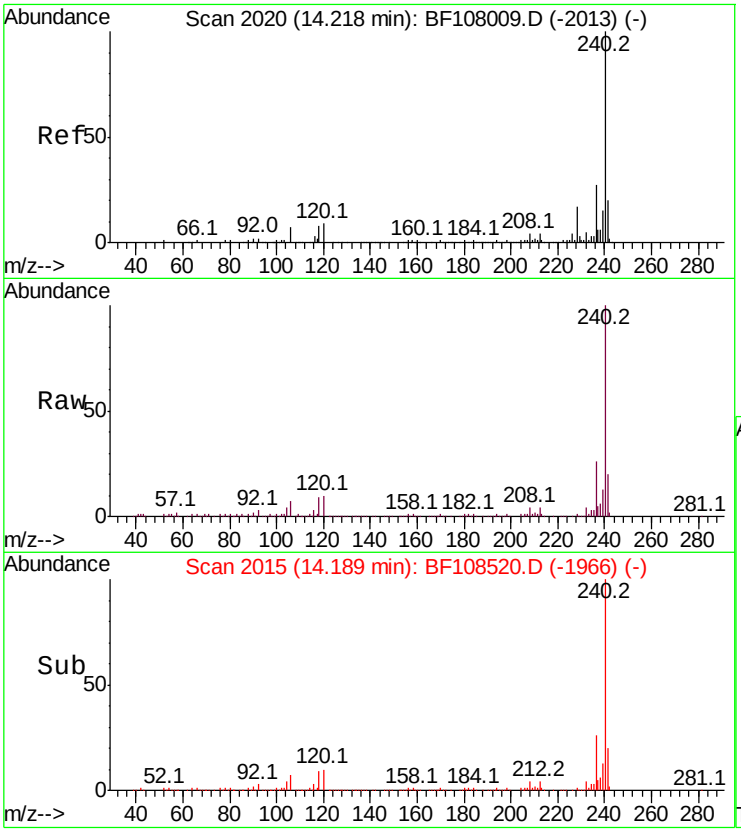


#66
4-Bromophenyl-phenylether
Concen: 3.786 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion:248 Resp: 13903

Ion	Ratio	Lower	Upper
248	100		
250	189.6	76.9	115.3#
141	467.0	74.4	111.6#



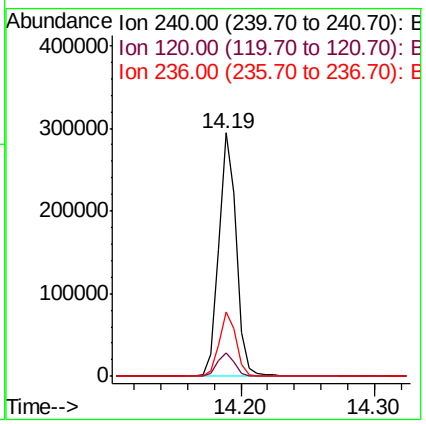


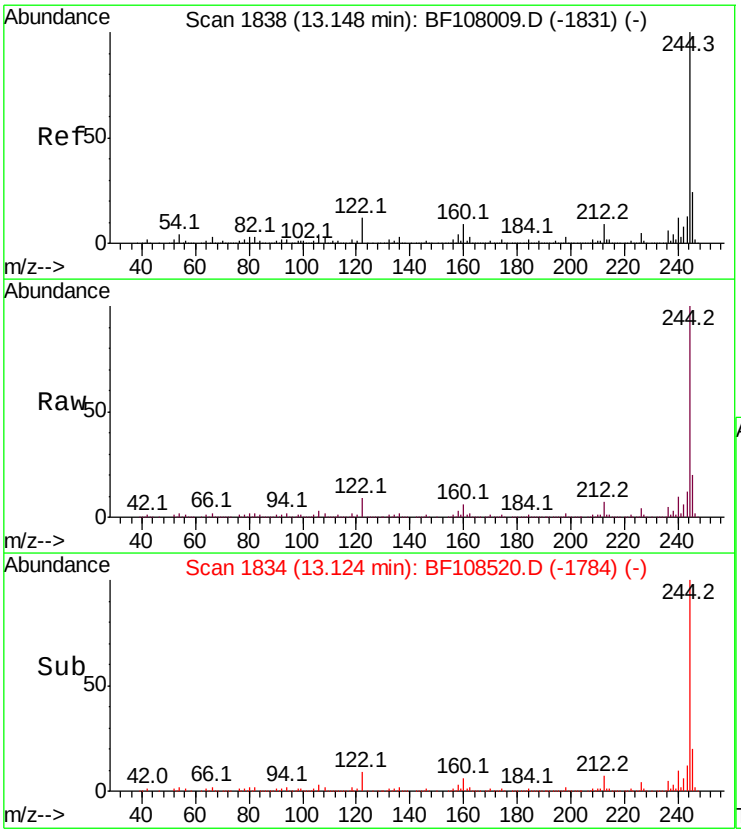
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 272021

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.4	20.7	31.1

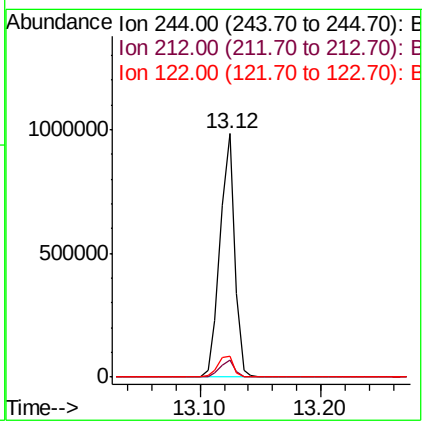


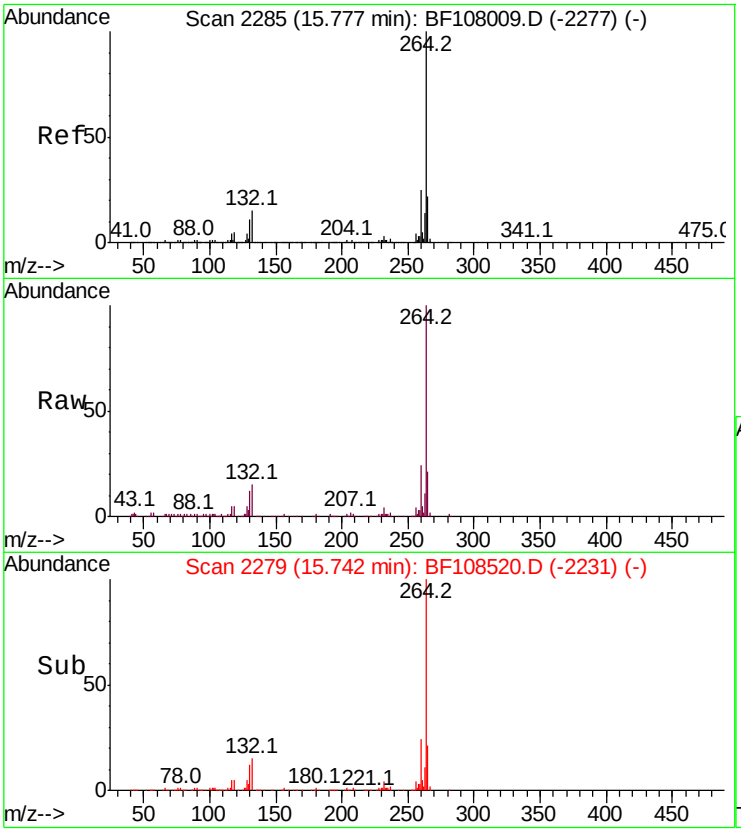


#78
Terphenyl-d14
Concen: 76.531 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Tgt Ion:244 Resp: 818777

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108520.D
Acq: 27 Aug 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 257896

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3