Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
Data File : BF108273.D
Acq On : 18 Aug 2018 5:31
Operator : JU/SJ
Sample : J4511-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-FL-030

Quant Time: Aug 18 06:49:40 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	147863	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	538007	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	230218	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	368098	20.00	ng		0.00
75) Chrysene-d12	14.21	240	347768	20.00	ng		0.00
86) Perylene-d12	15.78	264	219371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	903158	110.58	ng		0.02
7) Phenol-d6	6.64	99	1192015	109.83	ng		0.01
23) Nitrobenzene-d5	7.58	82	796952	82.66	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	237199	103.29	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1384024	96.52	ng		0.00
78) Terphenyl-d14	13.15	244	1143592	83.61	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.65	94	28468	2.536	ng		94
19) n-Nitroso-di-n-propylamine	7.58	70	109031	14.856	ng	#	83
25) Isophorone	7.58	82	796937	43.366	ng	#	64
49) Dimethylphthalate	9.77	163	147543	9.200	ng	#	98
56) 2,4-Dinitrotoluene	10.06	165	29370	6.801	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.85	198	583	5.733	ng	#	1
66) 4-Bromophenyl-phenylether	10.85	248	16119	4.030	ng	#	1
74) Fluoranthene	12.78	202	55157	2.911	ng		97
77) Pyrene	13.01	202	48428	2.200	ng		99
79) Butylbenzylphthalate	13.74	149	37952	4.341	ng	#	41
84) Di-n-octyl phthalate	14.81	149	77736	4.305	ng	#	82
87) Benzo(b)fluoranthene	15.31	252	35858	2.736	ng	#	74
88) Benzo(k)fluoranthene	15.31	252	35858	2.976	ng	#	77

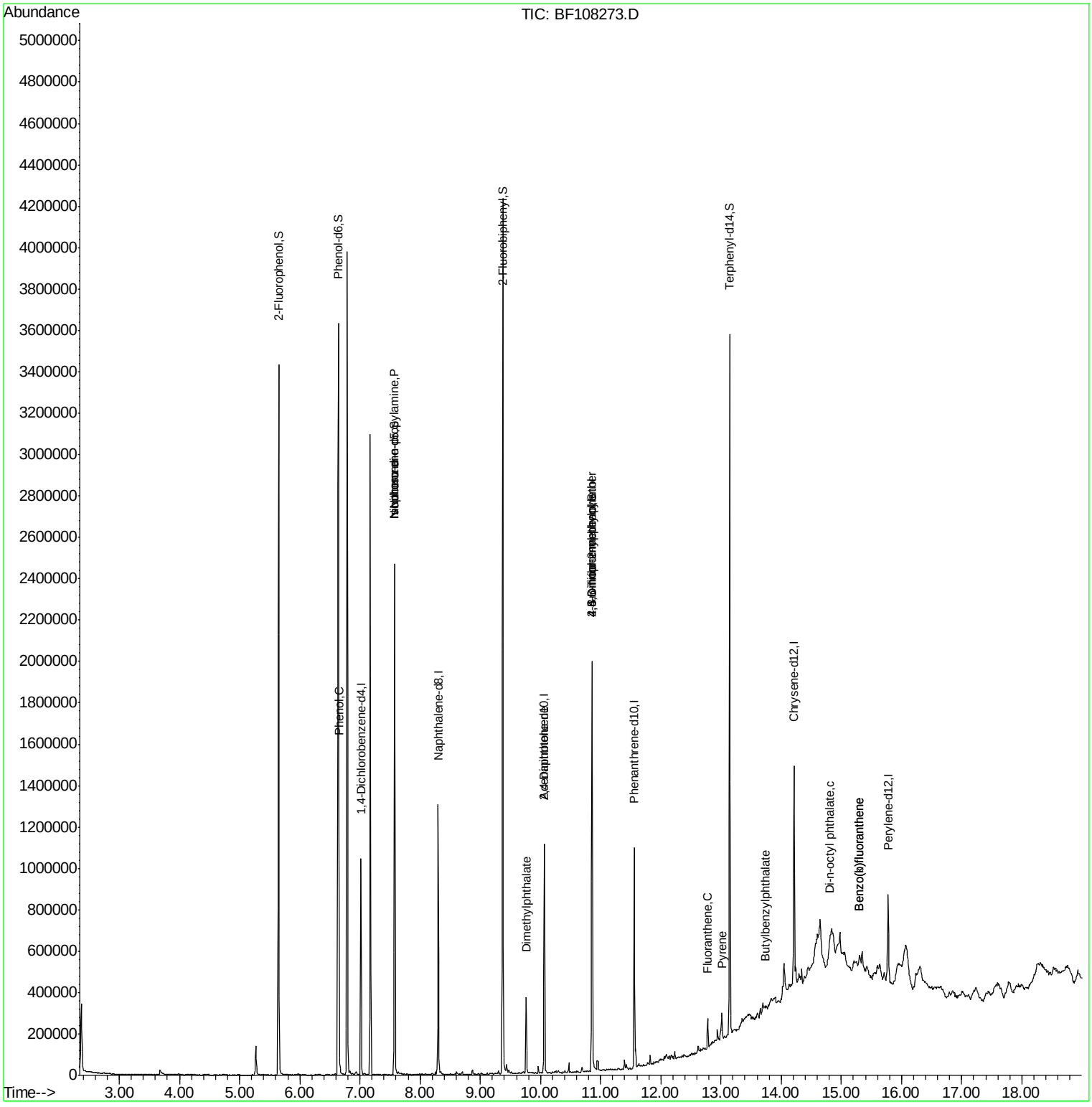
(#) = qualifier out of range (m) = manual integration (+) = signals summed

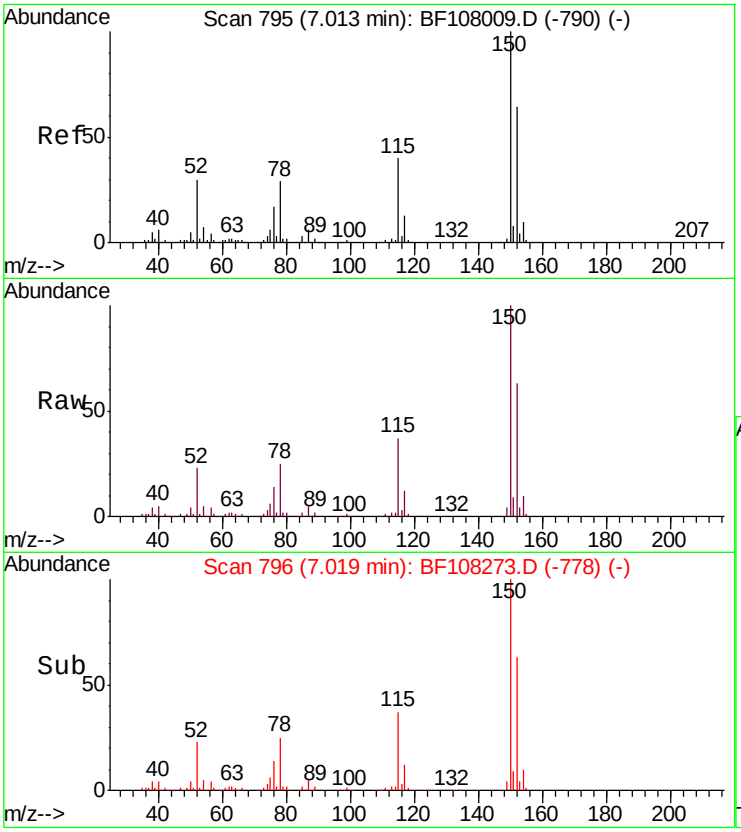
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
Data File : BF108273.D
Acq On : 18 Aug 2018 5:31
Operator : JU/SJ
Sample : J4511-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Quant Time: Aug 18 06:49:40 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



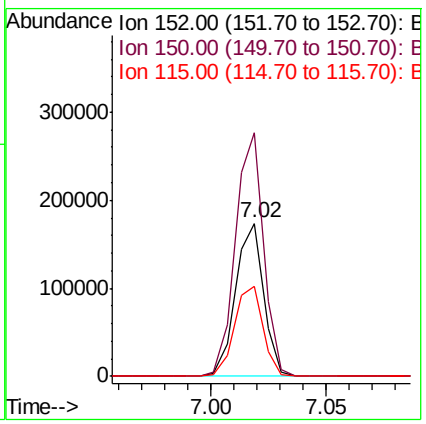


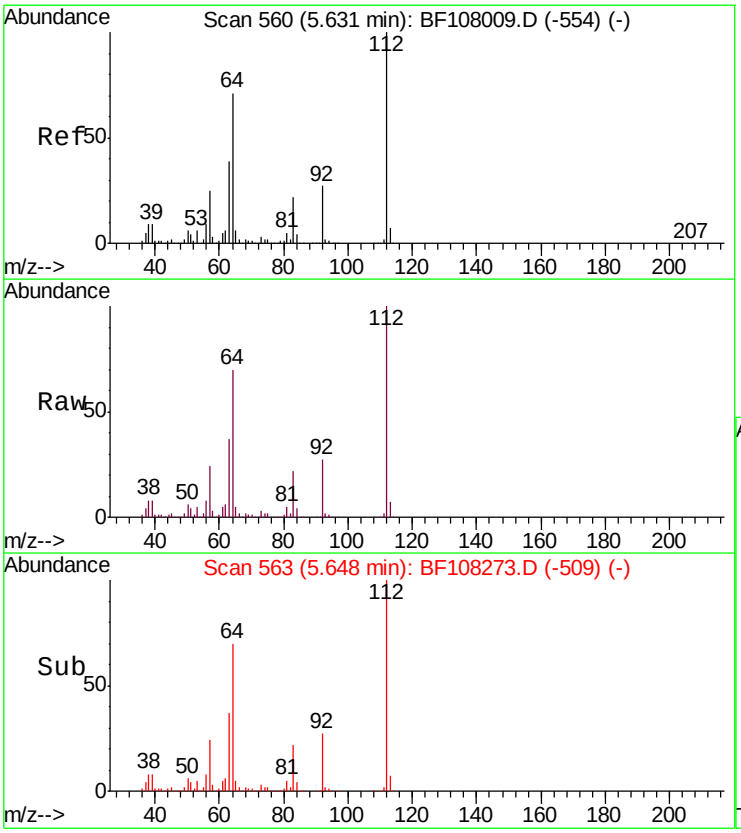
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:152 Resp: 147863

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	58.4	50.1	75.1

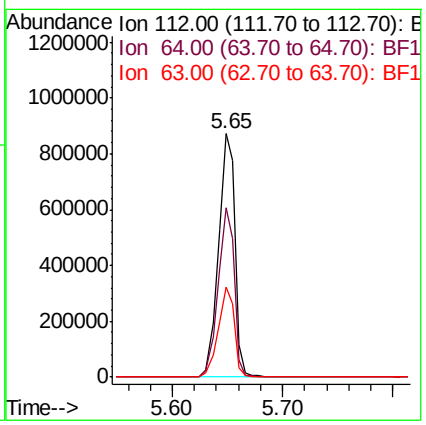


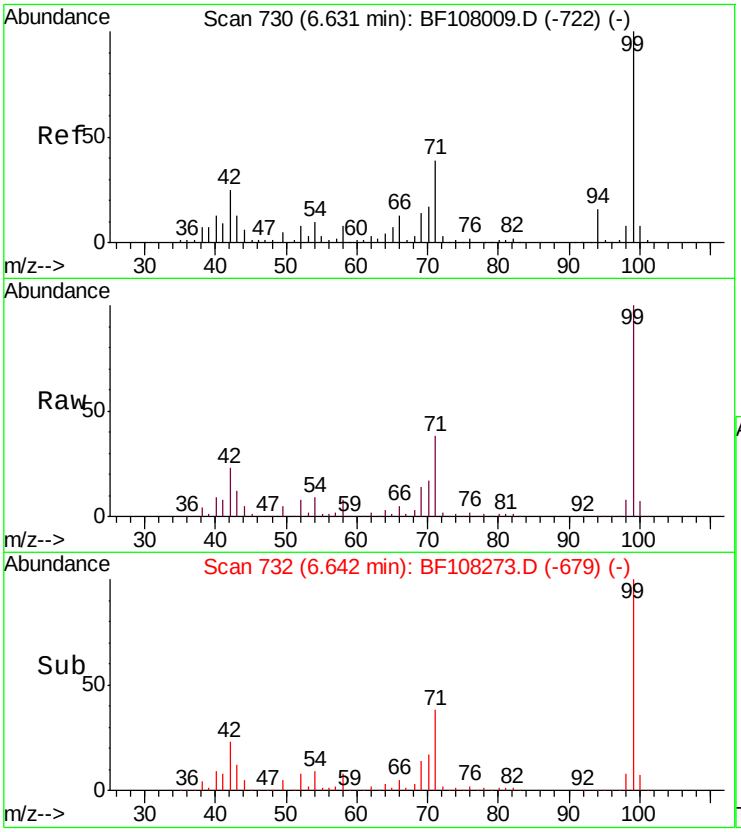


#5
2-Fluorophenol
Concen: 110.584 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:112 Resp: 903158

Ion	Ratio	Lower	Upper
112	100		
64	69.8	47.9	71.9
63	37.1	23.7	35.5#



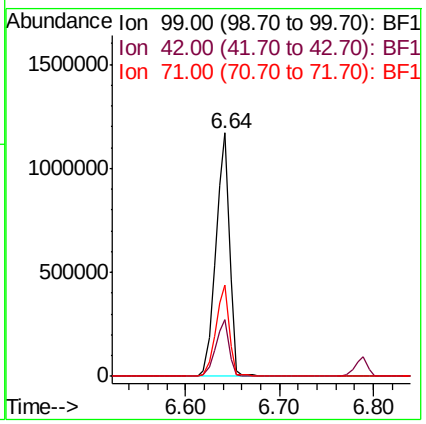


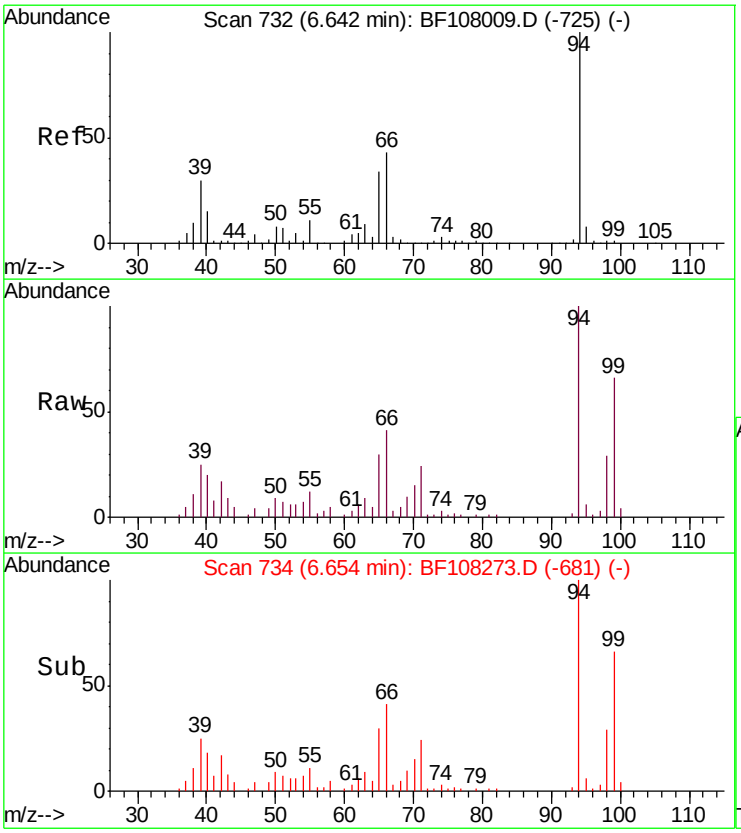
#7
Phenol-d6
Concen: 109.832 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion: 99 Resp: 1192015

Ion	Ratio	Lower	Upper
99	100		
42	23.2	14.5	21.7#
71	37.5	25.4	38.0

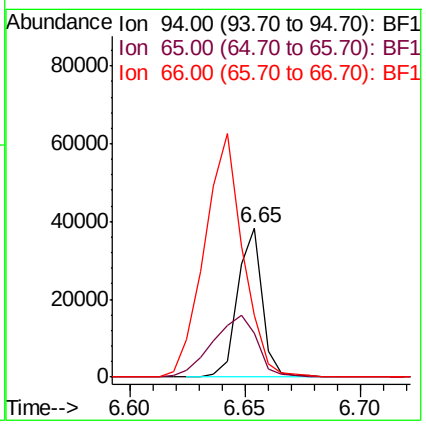


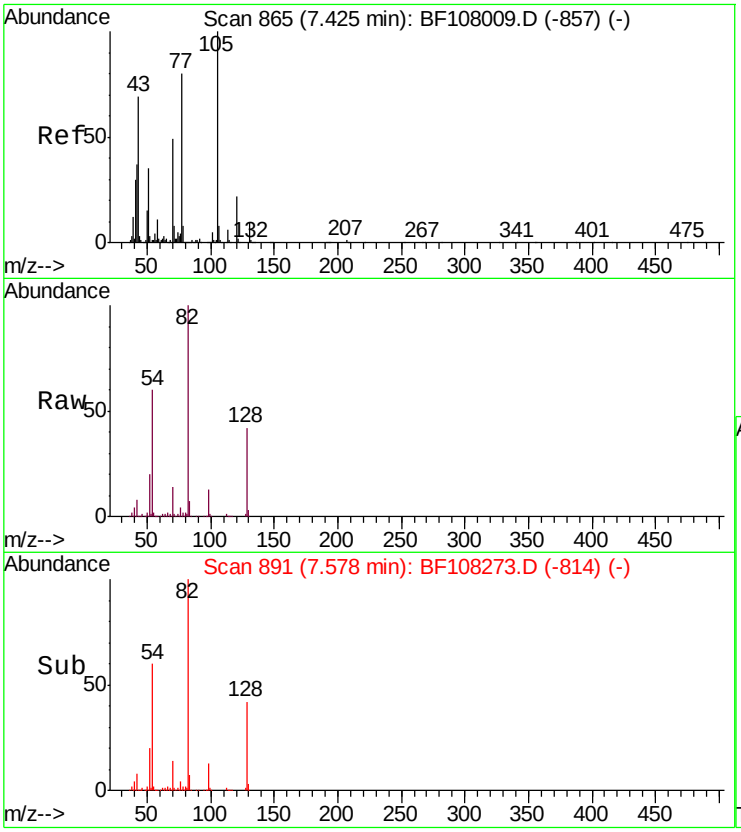


#10
Phenol
Concen: 2.536 ng
RT: 6.65 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion: 94 Resp: 28468

Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	41.4	16.2	56.2



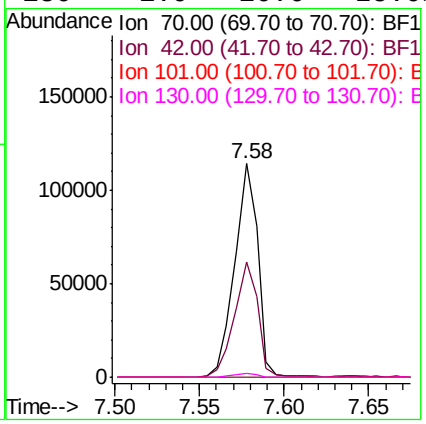


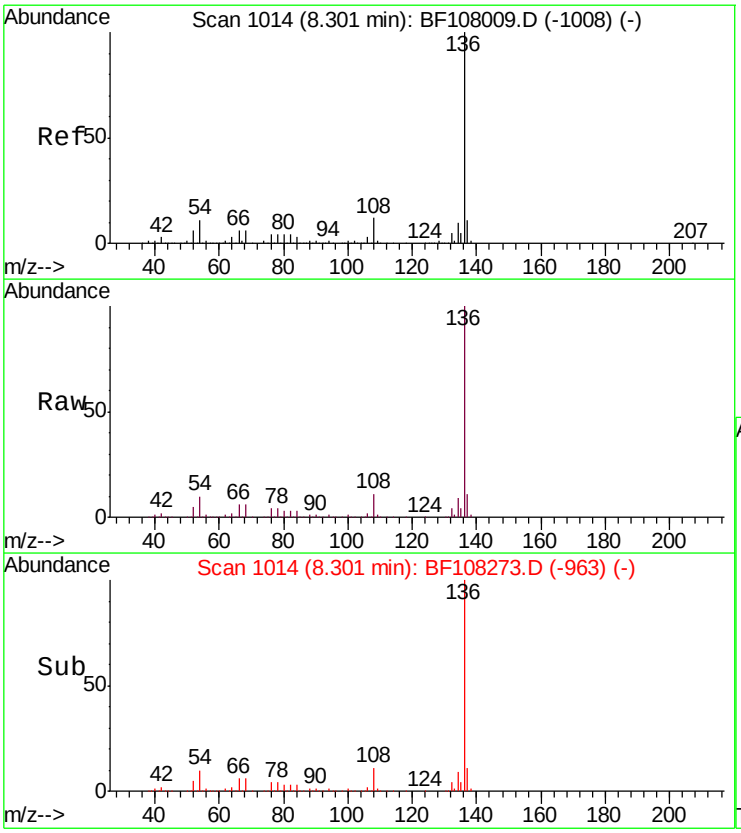
#19
n-Nitroso-di-n-propylamine
Concen: 14.856 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion: 70 Resp: 109031

Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

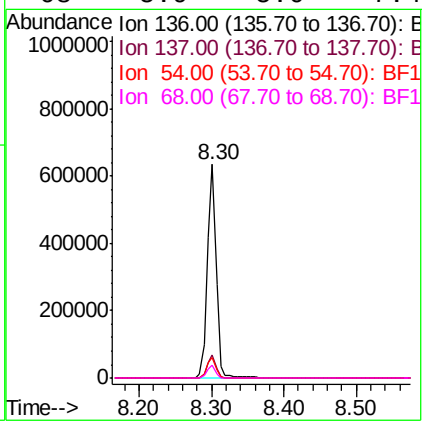


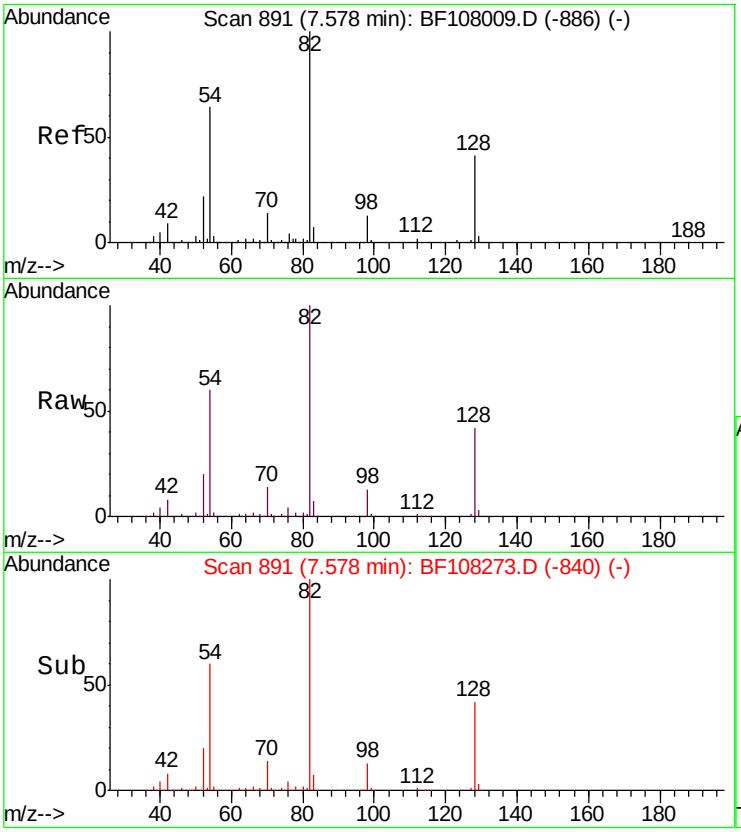


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:136 Resp: 538007

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	6.6	9.8
68	5.9	5.0	7.4



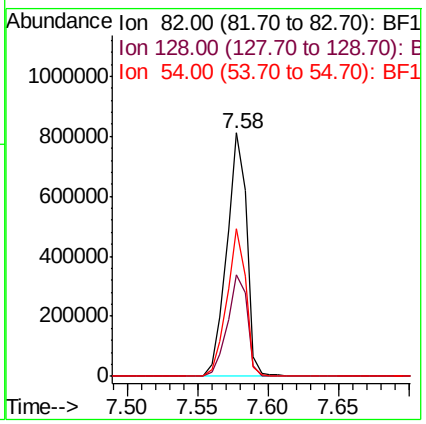


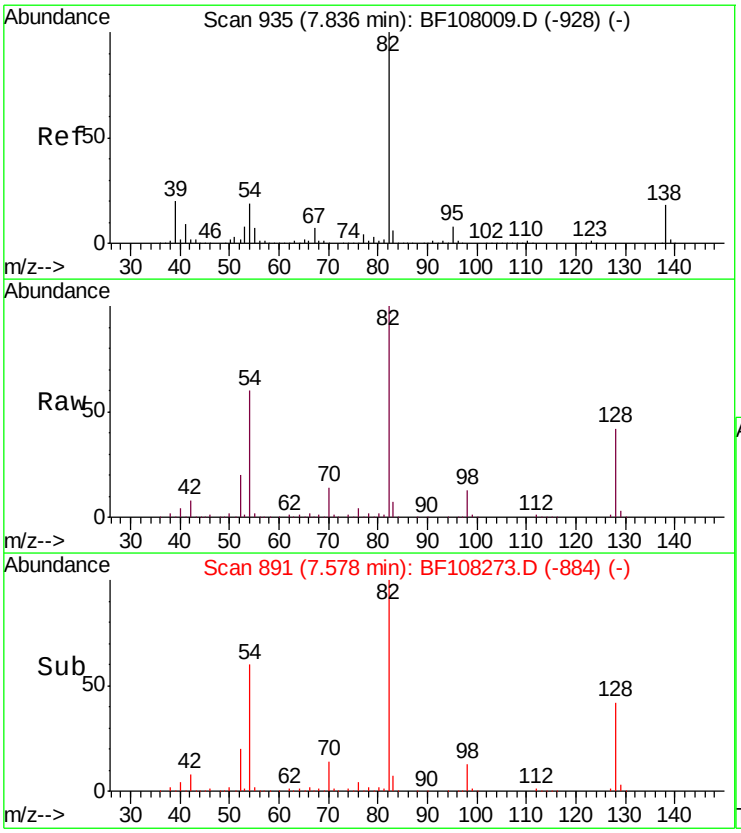
#23
Nitrobenzene-d5
Concen: 82.659 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion: 82 Resp: 796952

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	60.4	41.4	62.2

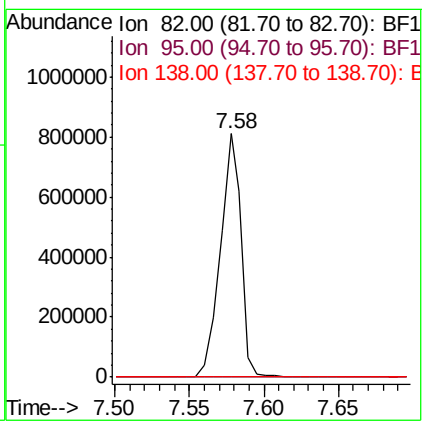


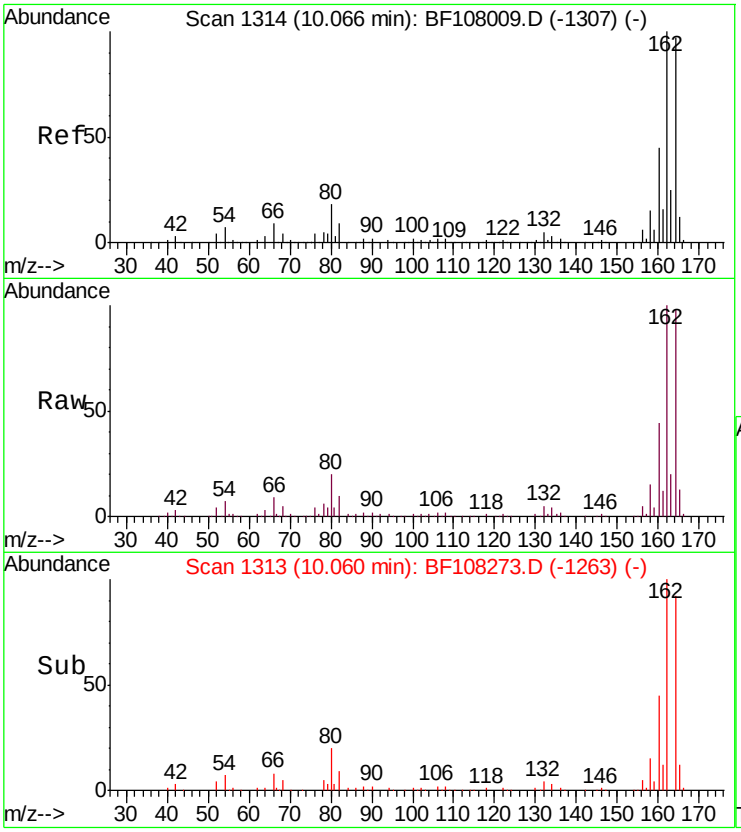


#25
Isophorone
Concen: 43.366 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion: 82 Resp: 796937

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



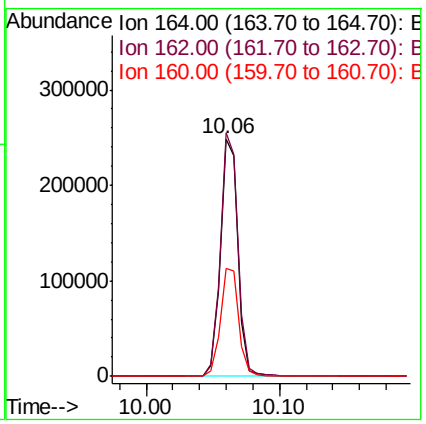


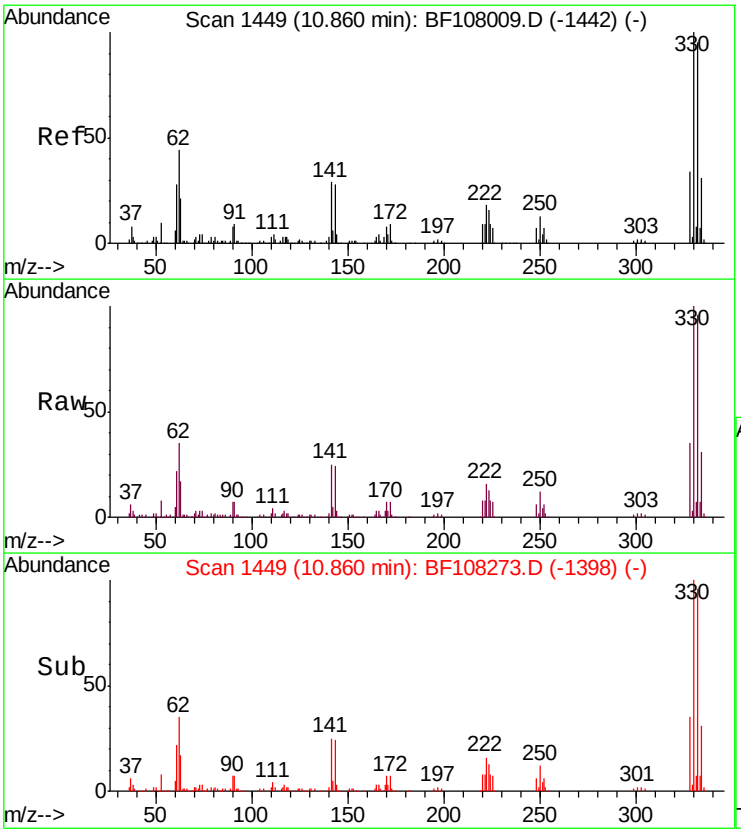
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:164 Resp: 230218

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.4	38.3	57.5

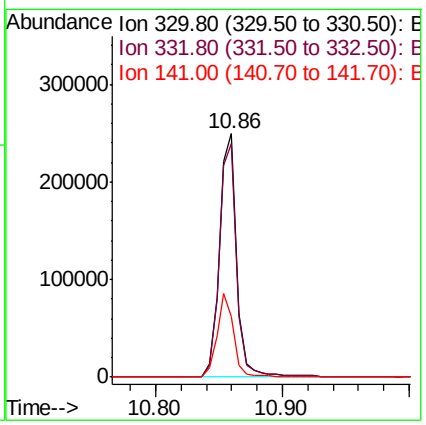


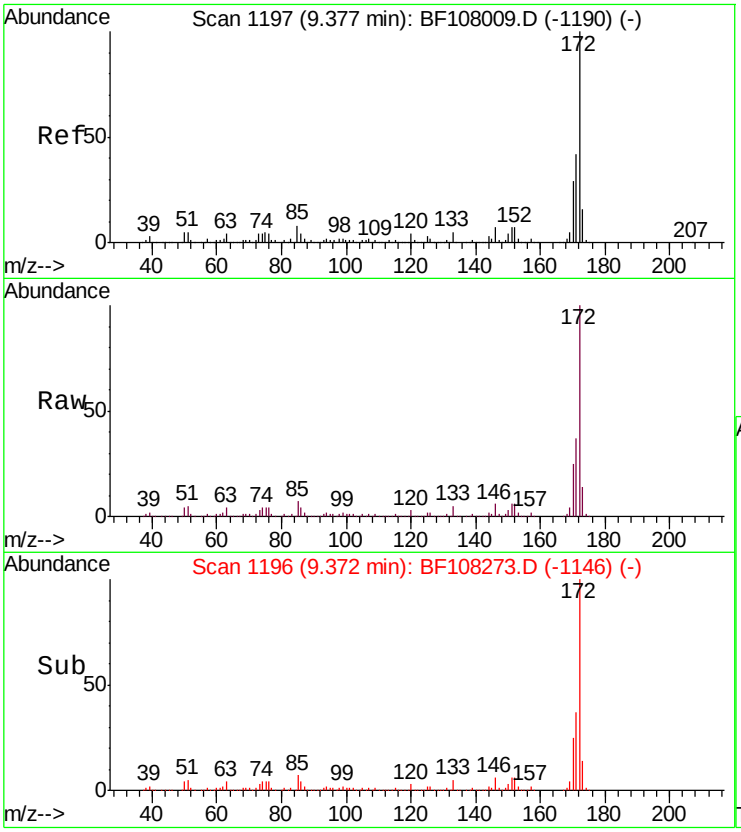


#41
2,4,6-Tribromophenol
Concen: 103.293 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:330 Resp: 237199

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.5	29.9	44.9



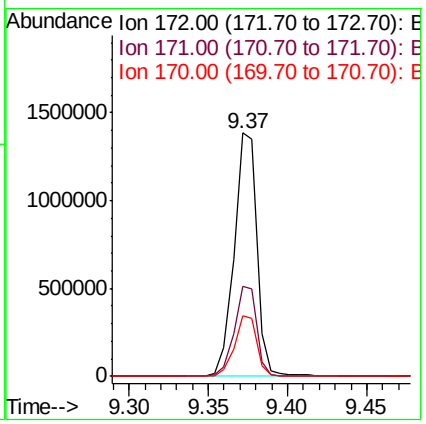


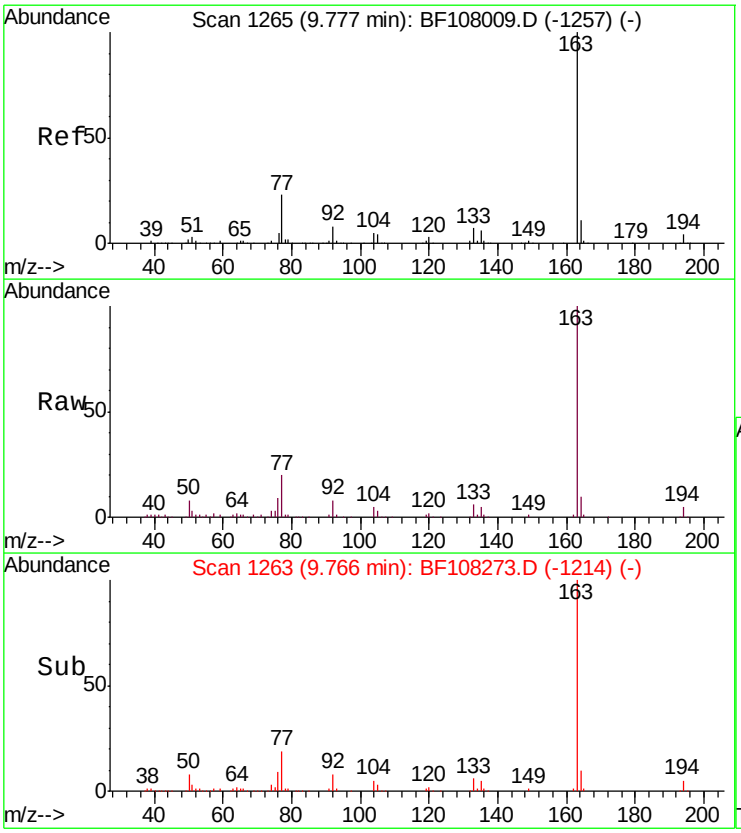
#44
2-Fluorobiphenyl
Concen: 96.518 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:172 Resp: 1384024

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.0	19.6	29.4

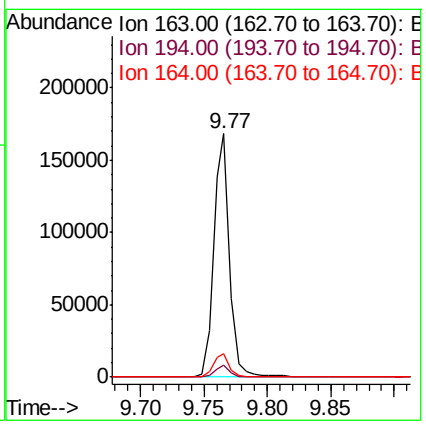


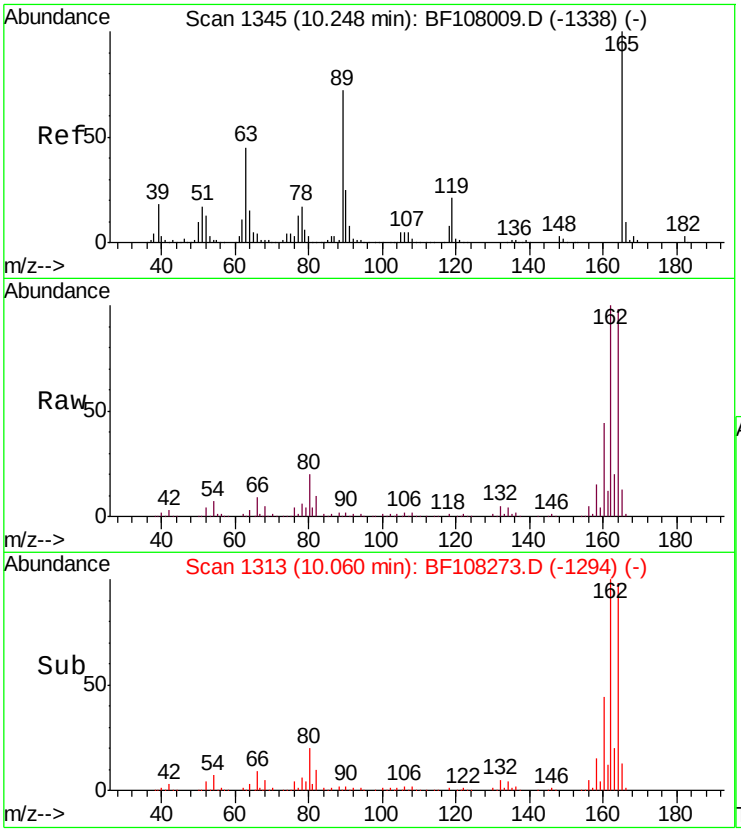


#49
Dimethylphthalate
Concen: 9.200 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:163 Resp: 147543

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	9.6	8.2	12.2



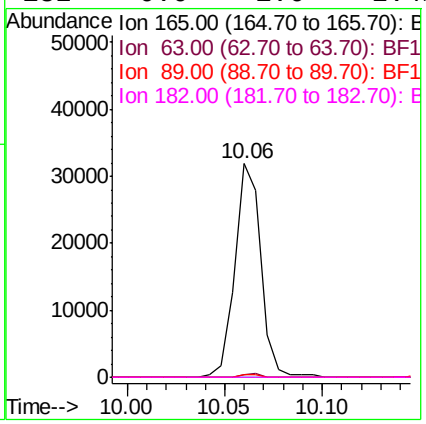


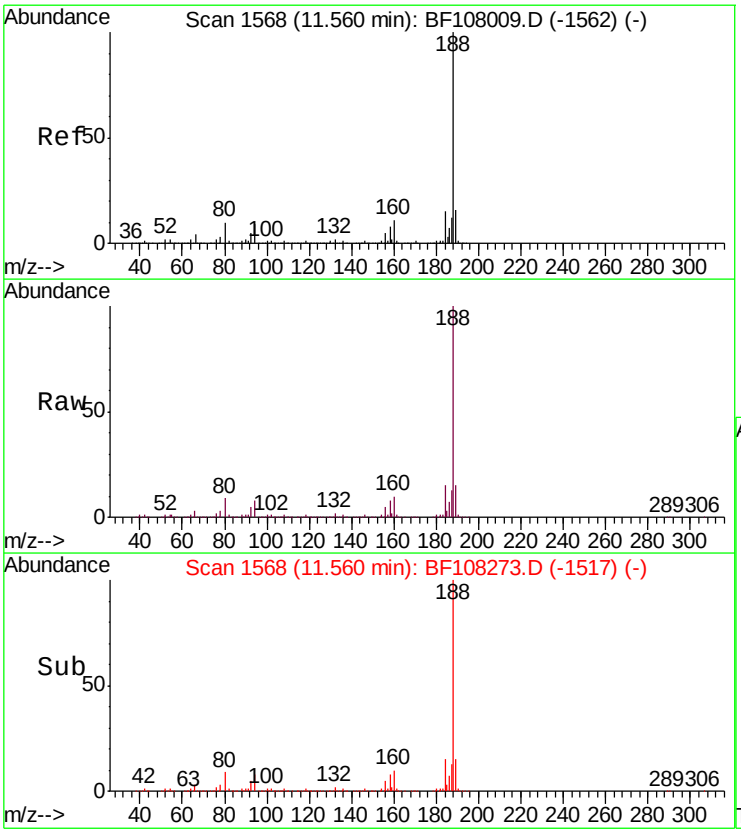
#56
2,4-Dinitrotoluene
Concen: 6.801 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:165 Resp: 29370

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

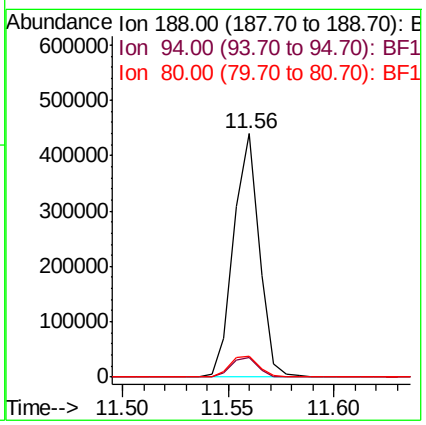


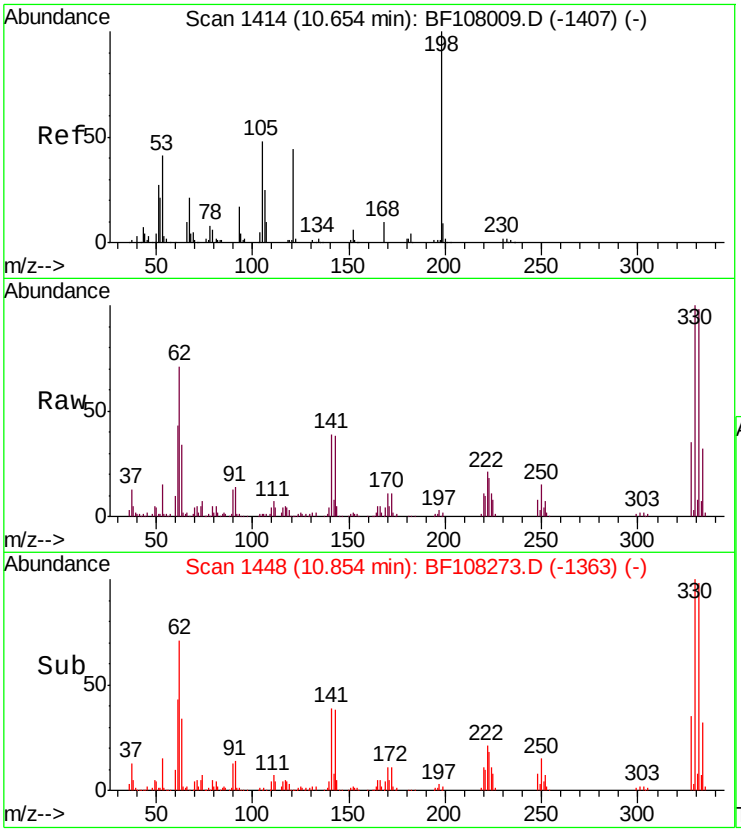


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:188 Resp: 368098

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.7	9.2	13.8#



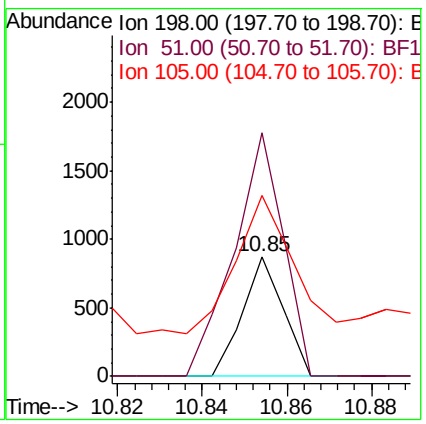


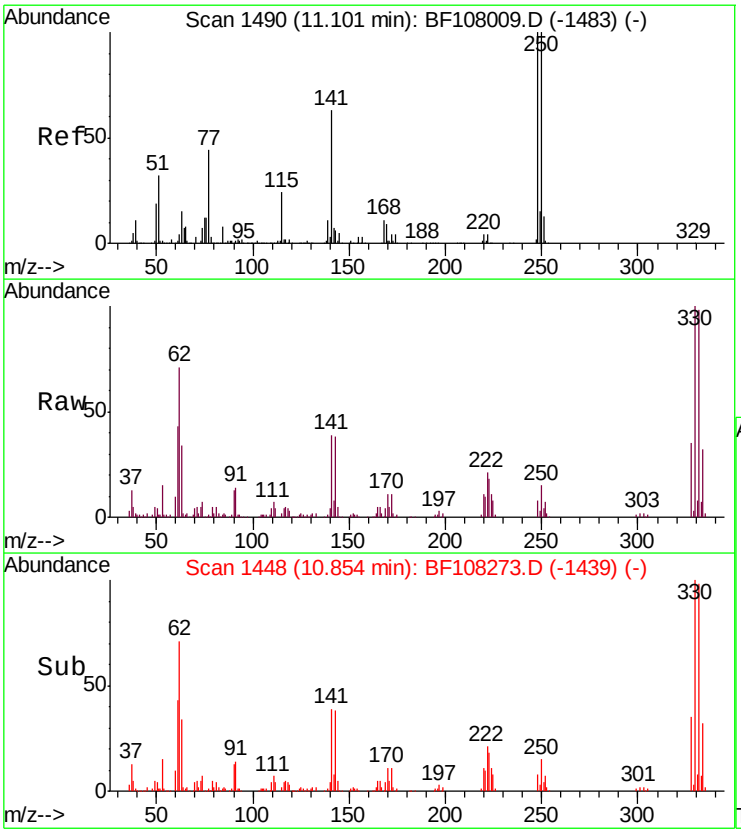
#64
4,6-Dinitro-2-methylphenol
Concen: 5.733 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:198 Resp: 583

Ion	Ratio	Lower	Upper
198	100		
51	203.2	37.7	77.7#
105	150.5	36.3	76.3#

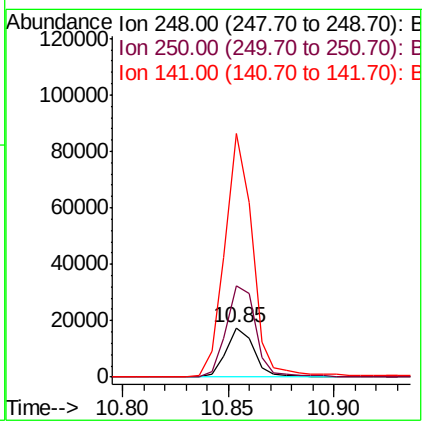


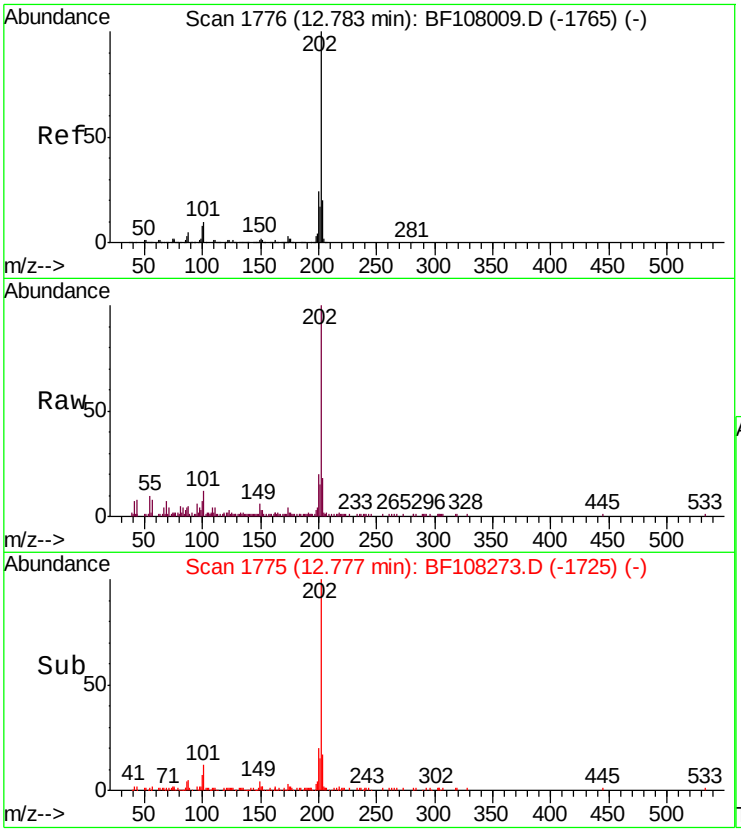


#66
4-Bromophenyl-phenylether
Concen: 4.030 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:248 Resp: 16119

Ion	Ratio	Lower	Upper
248	100		
250	185.4	76.9	115.3#
141	493.5	74.4	111.6#



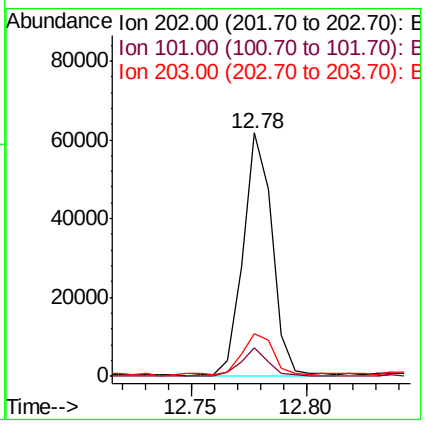


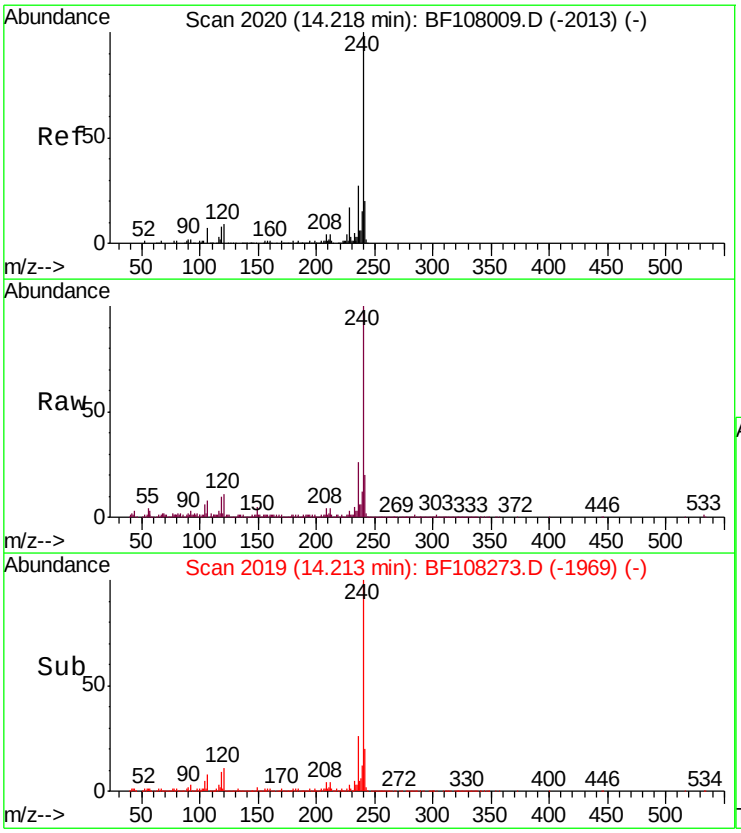
#74
Fluoranthene
Concen: 2.911 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:202 Resp: 55157

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.6	0.0	38.1

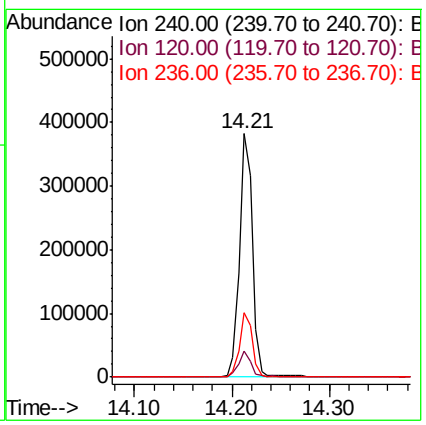


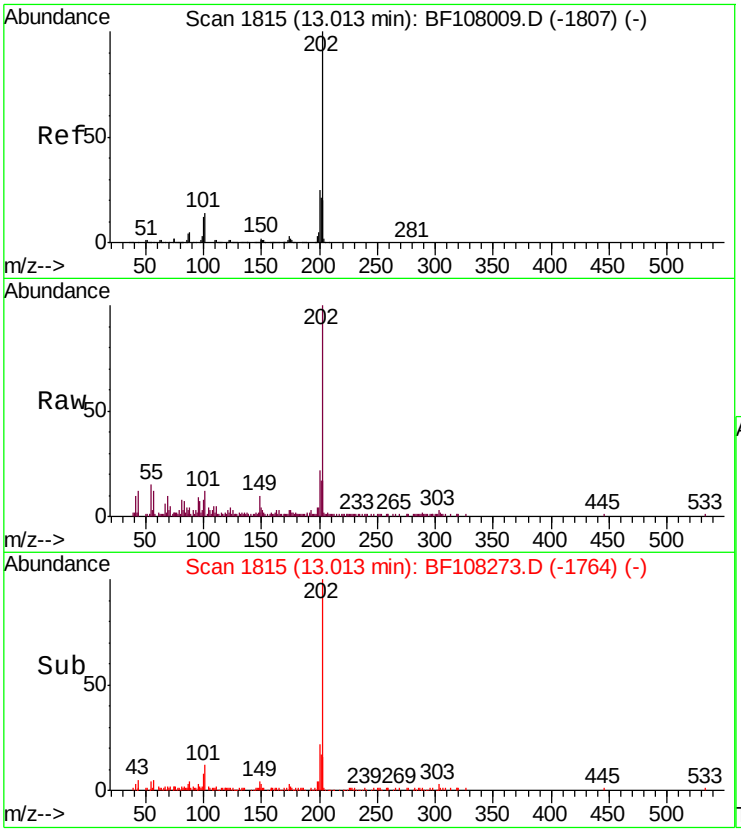


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:240 Resp: 347768

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.4	20.7	31.1



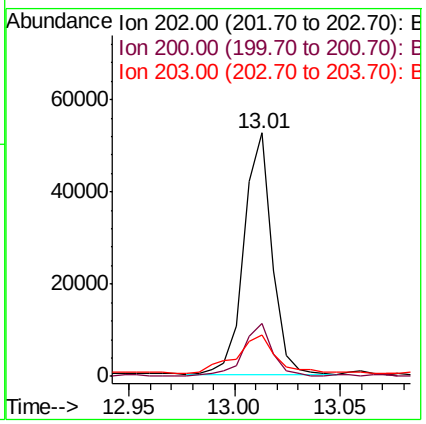


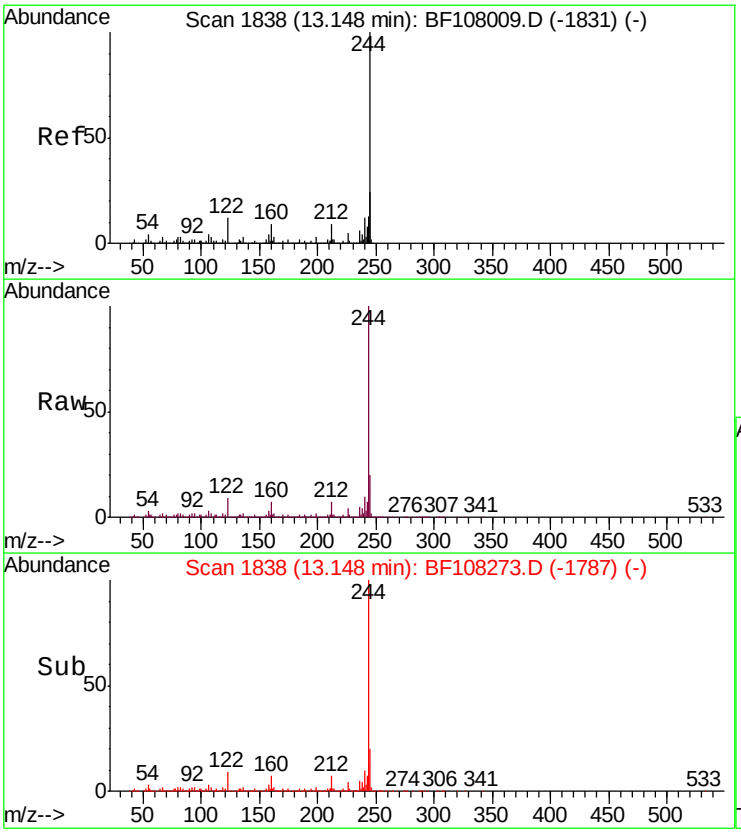
#77
Pyrene
Concen: 2.200 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:202 Resp: 48428

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.2	14.3	21.5

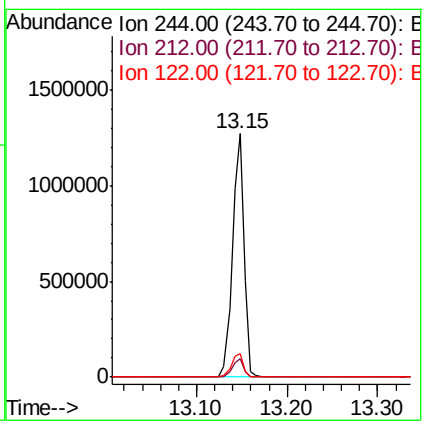


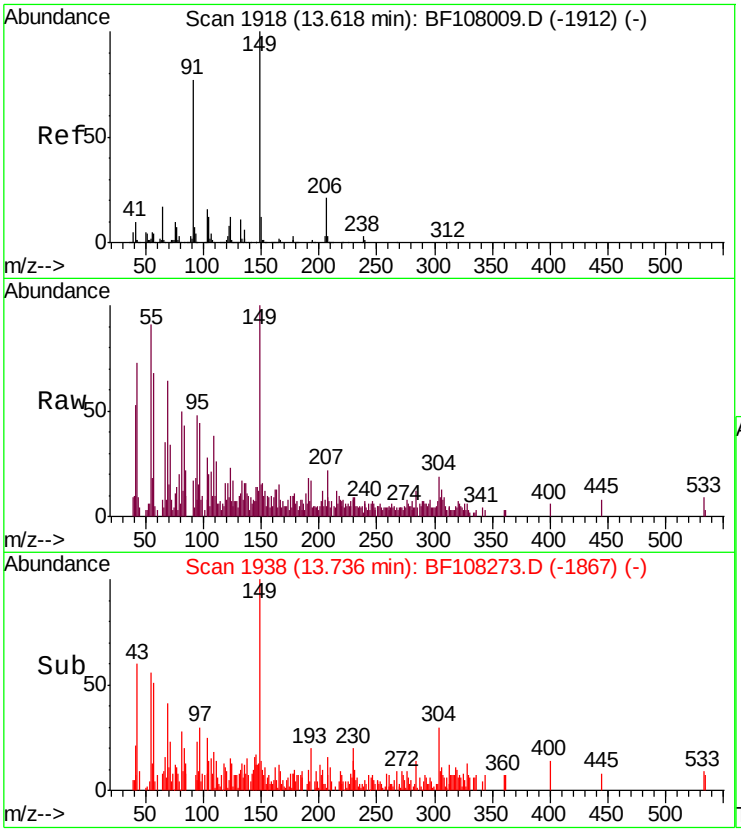


#78
Terphenyl-d14
Concen: 83.609 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:244 Resp: 1143592

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.4	11.0	16.4#



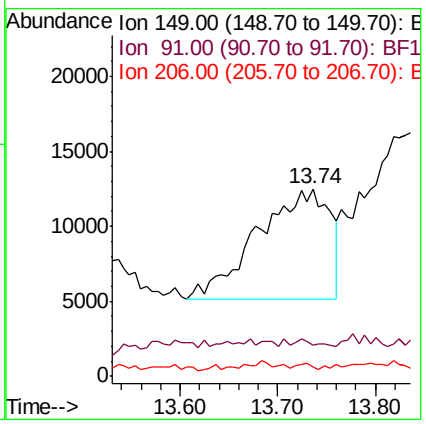


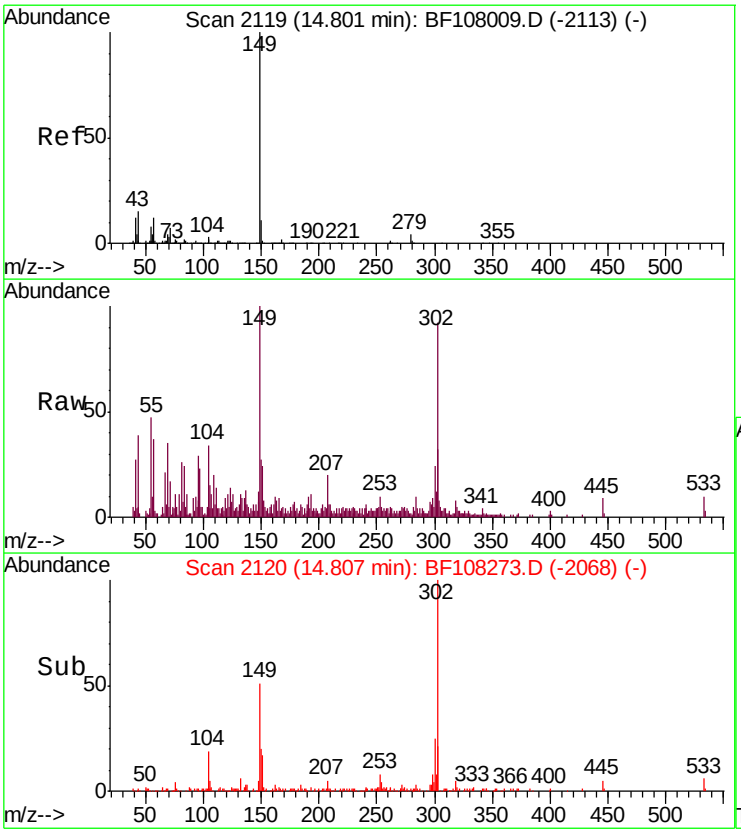
#79
Butylbenzylphthalate
Concen: 4.341 ng
RT: 13.74 min Scan# 1938
Delta R.T. 0.12 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:149 Resp: 37952

Ion	Ratio	Lower	Upper
149	100		
91	16.6	56.8	85.2#
206	4.8	14.1	21.1#

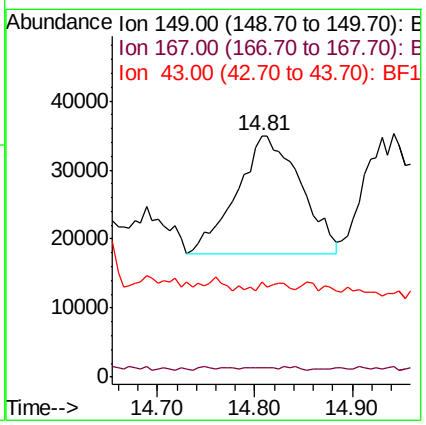


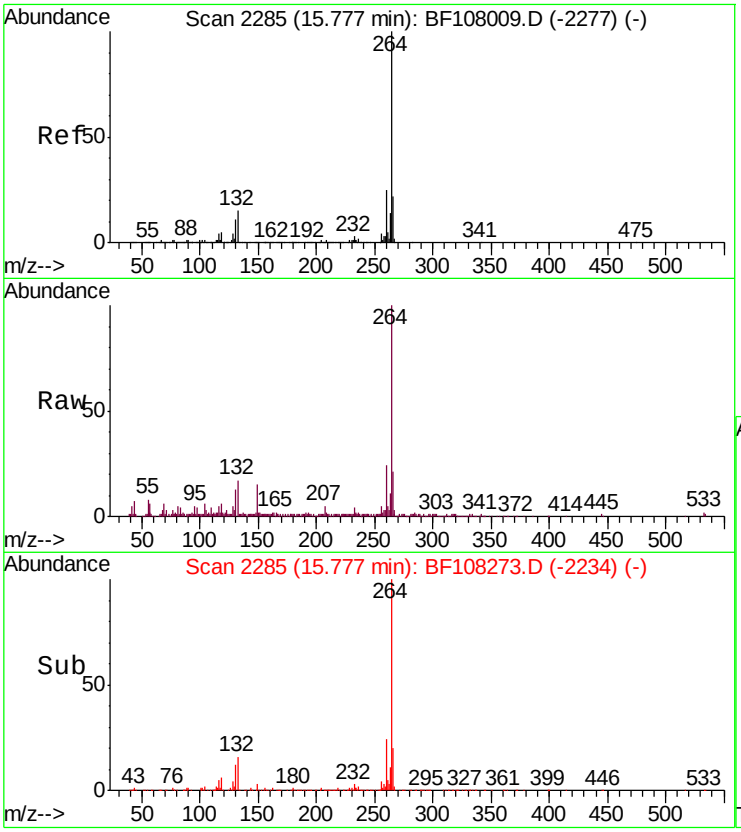


#84
Di-n-octyl phthalate
Concen: 4.305 ng
RT: 14.81 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:149 Resp: 77736

Ion	Ratio	Lower	Upper
149	100		
167	0.4	1.2	1.8#
43	3.1	8.4	12.6#



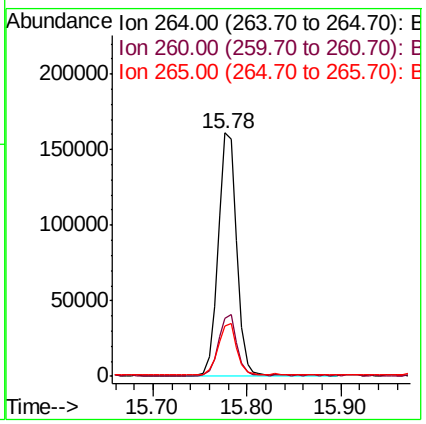


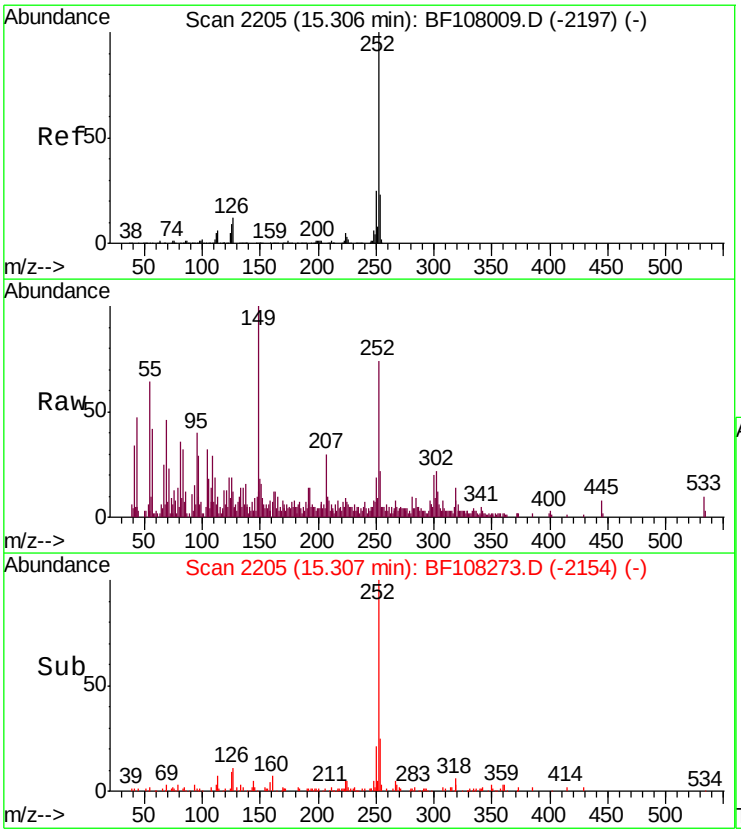
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:264 Resp: 219371

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.9	17.5	26.3

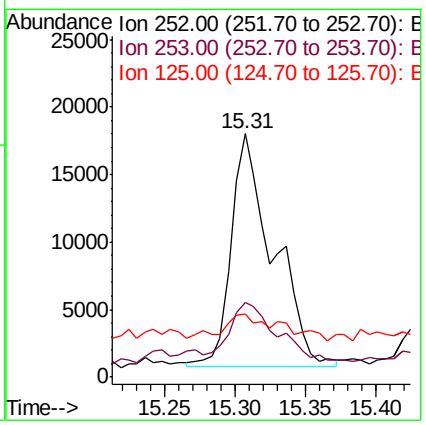


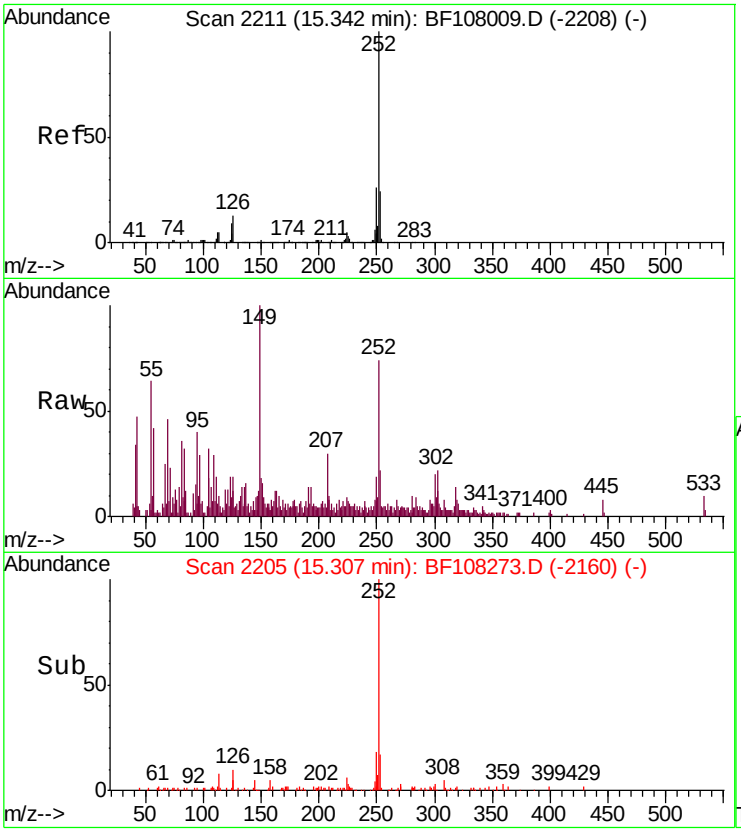


#87
Benzo(b)fluoranthene
Concen: 2.736 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion:252 Resp: 35858

Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.0	25.6#
125	25.9	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.976 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tgt Ion:252 Resp: 35858

Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.9	26.9#
125	25.9	10.2	15.2#