Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108279.D
Acq On : 20 Aug 2018 10:25
Operator : JU/SJ
Sample : PB112152BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112152BL

Quant Time: Aug 20 11:02:19 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	7.01	152	191570	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	735407	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	379789	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	779514	20.00	ng	0.00
75) Chrysene-d12	14.21	240	669328	20.00	ng	0.00
86) Perylene-d12	15.78	264	567763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1257912	118.88	ng	0.02
7) Phenol-d6	6.64	99	1665174	118.42	ng	0.01
23) Nitrobenzene-d5	7.58	82	1133102	85.98	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	536579	141.64	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2110370	89.21	ng	0.00
78) Terphenyl-d14	13.15	244	2447423	92.97	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	153002	16.091	ng	# 83
25) Isophorone	7.58	82	1125216	44.794	ng	# 64
32) Benzoic acid	8.30	122	113	5.990	ng	# 1
50) 2,6-Dinitrotoluene	10.06	165	48683	8.795	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	48683	6.833	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.86	198	1272	5.745	ng	# 1
66) 4-Bromophenyl-phenylether	10.86	248	35365	4.175	ng	# 1
79) Butylbenzylphthalate	13.74	149	112413	6.681	ng	# 25

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

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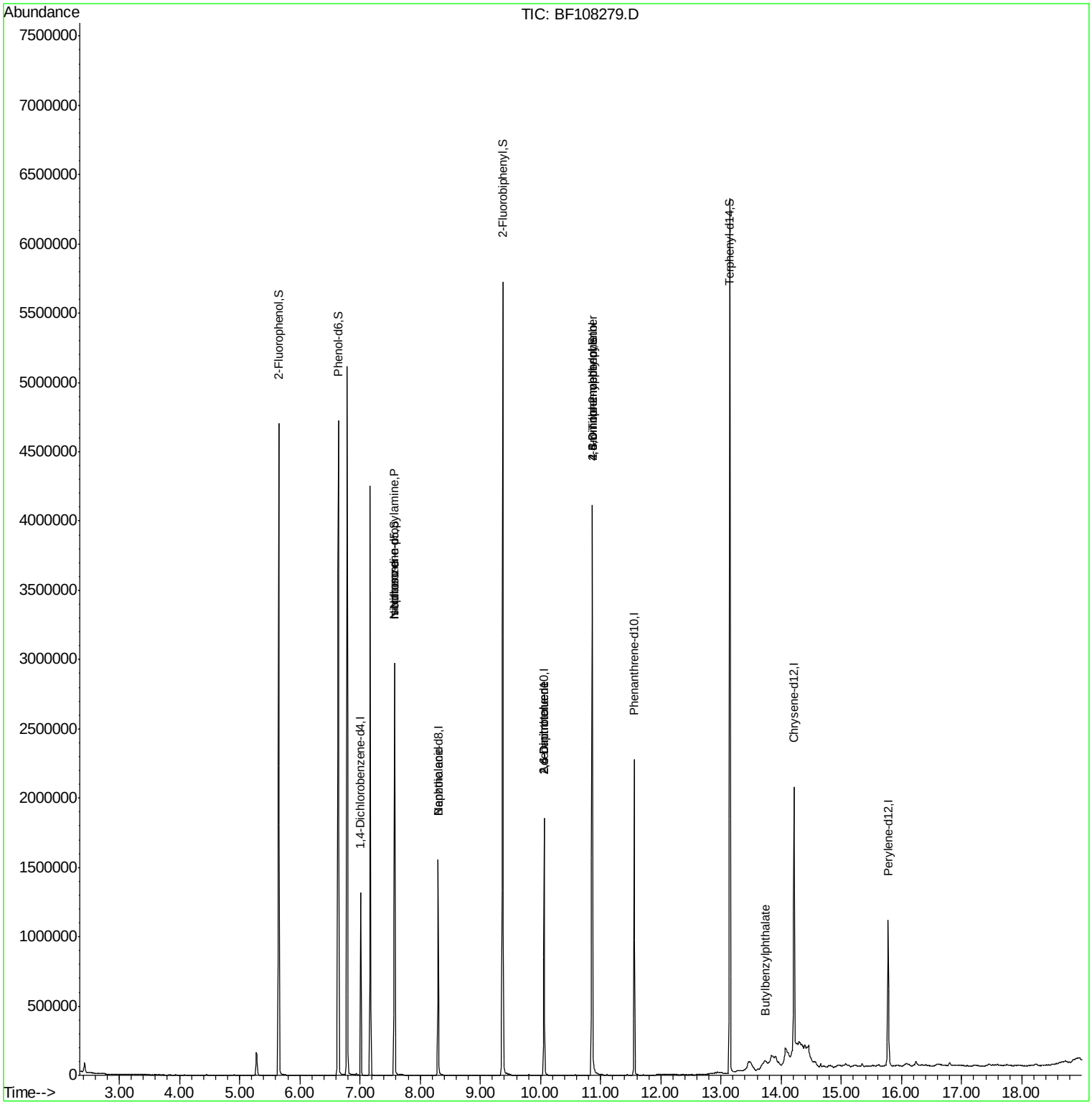
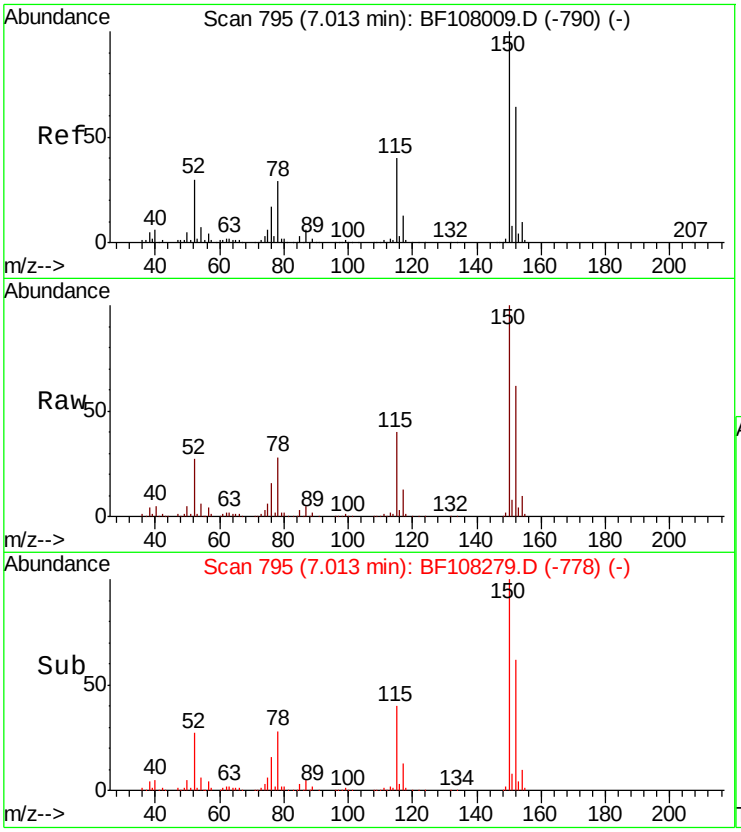


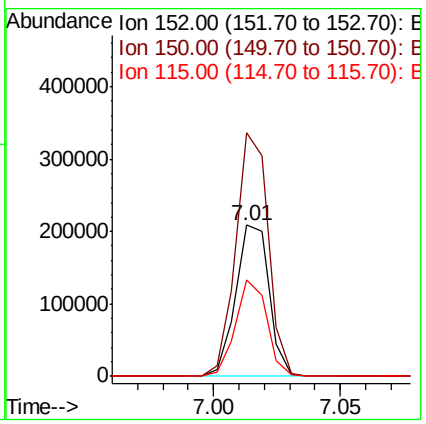


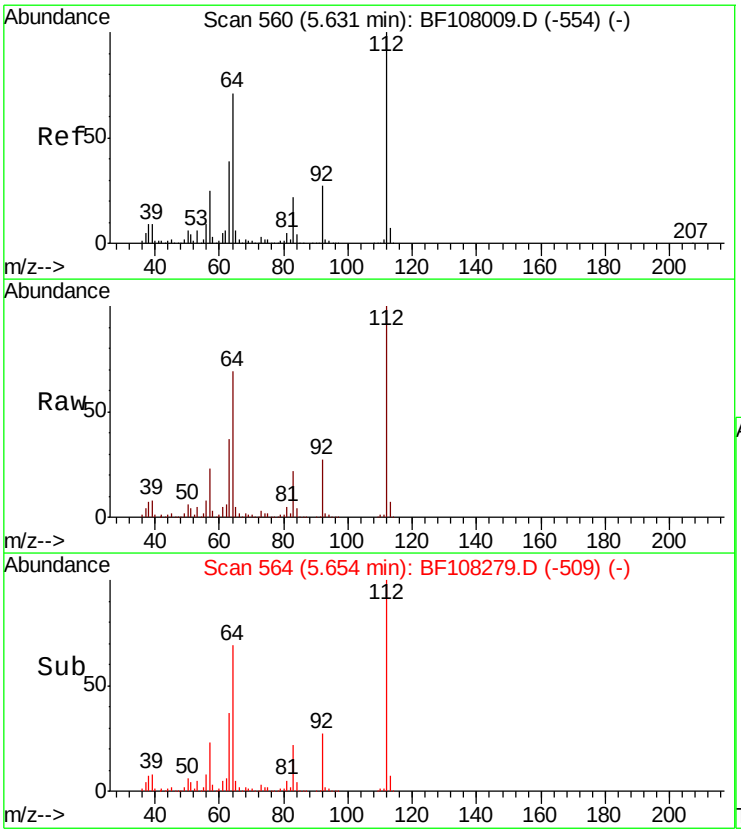
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tgt Ion:152 Resp: 191570

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	63.6	50.1	75.1

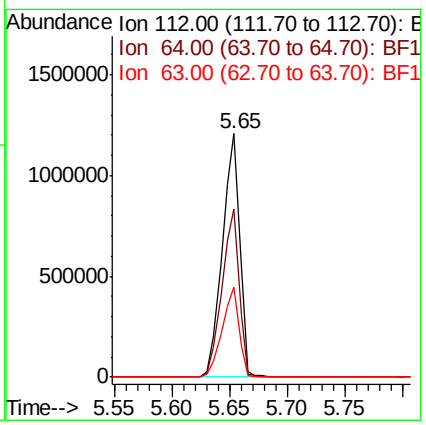


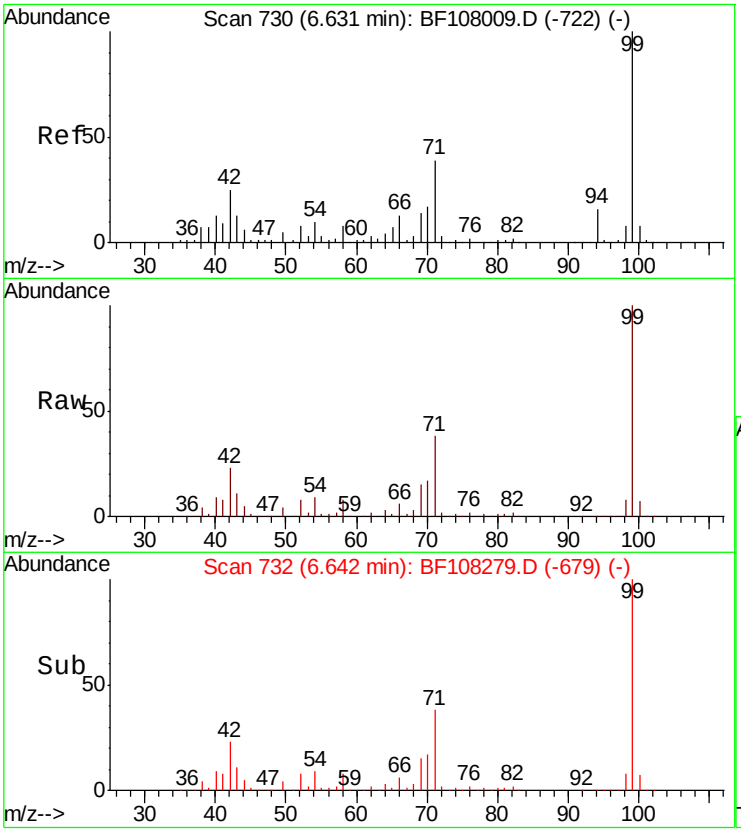


#5
2-Fluorophenol
Concen: 118.880 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:112 Resp: 1257912

Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	36.9	23.7	35.5#



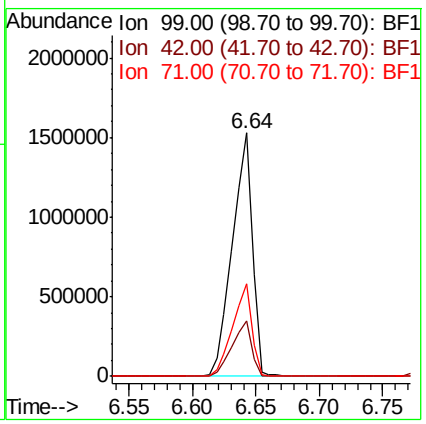


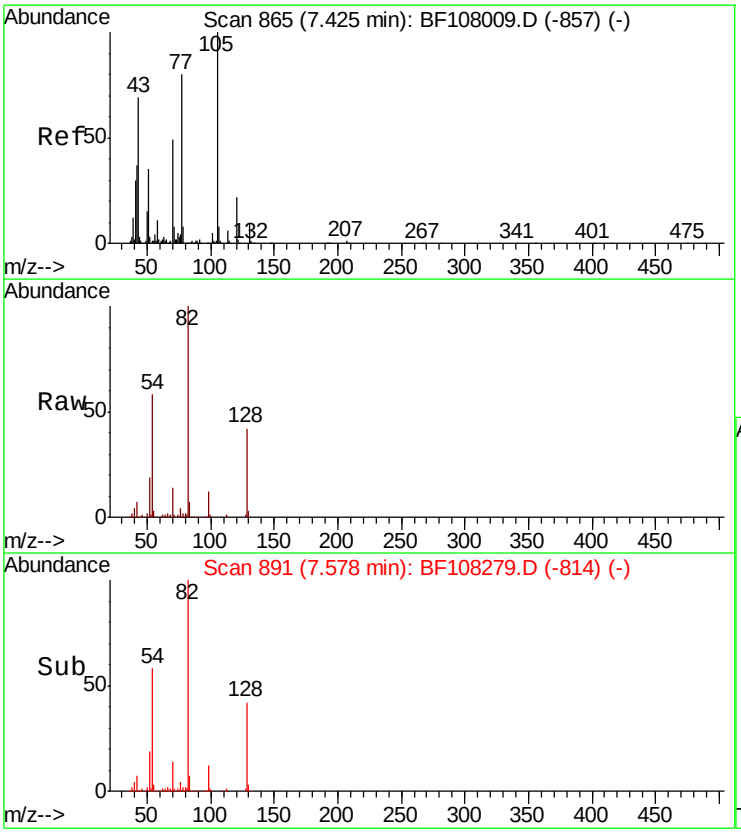
#7
Phenol-d6
Concen: 118.424 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tgt Ion: 99 Resp: 1665174

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	37.9	25.4	38.0

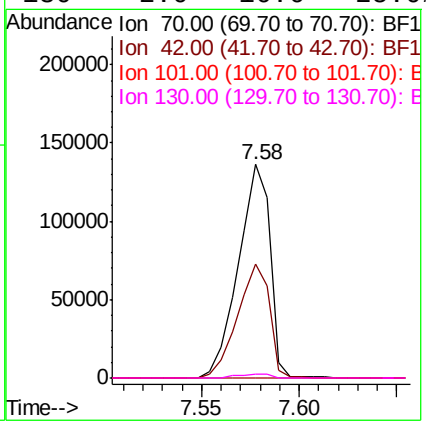


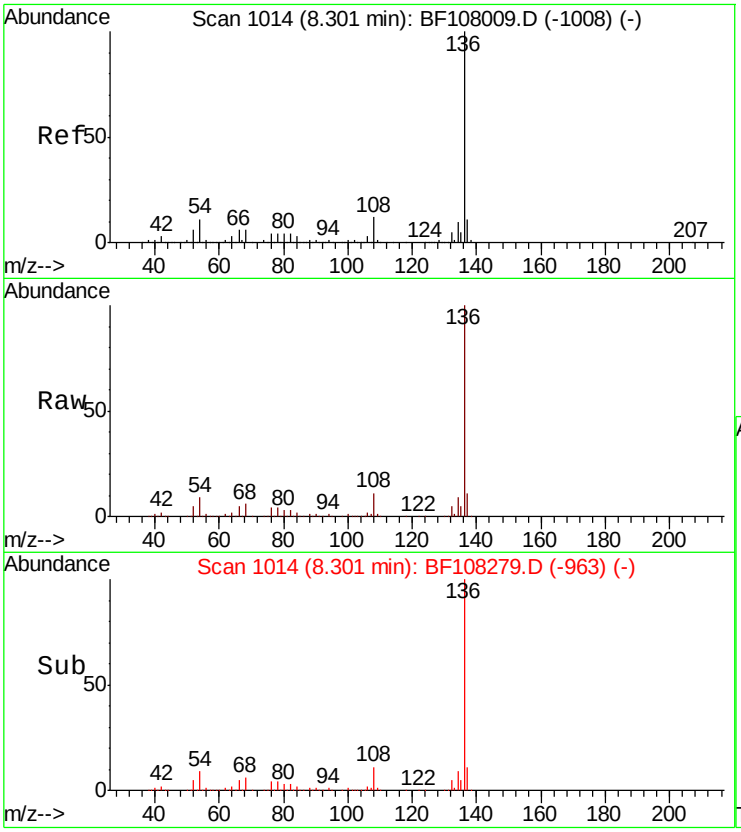


#19
n-Nitroso-di-n-propylamine
Concen: 16.091 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion: 70 Resp: 153002

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



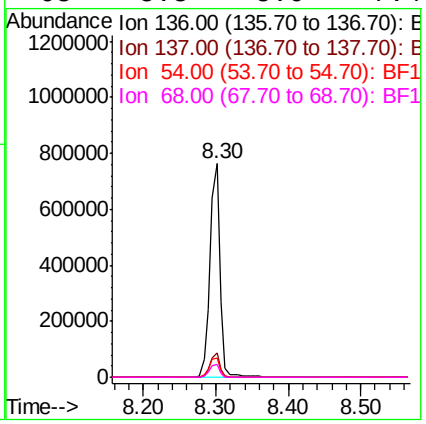


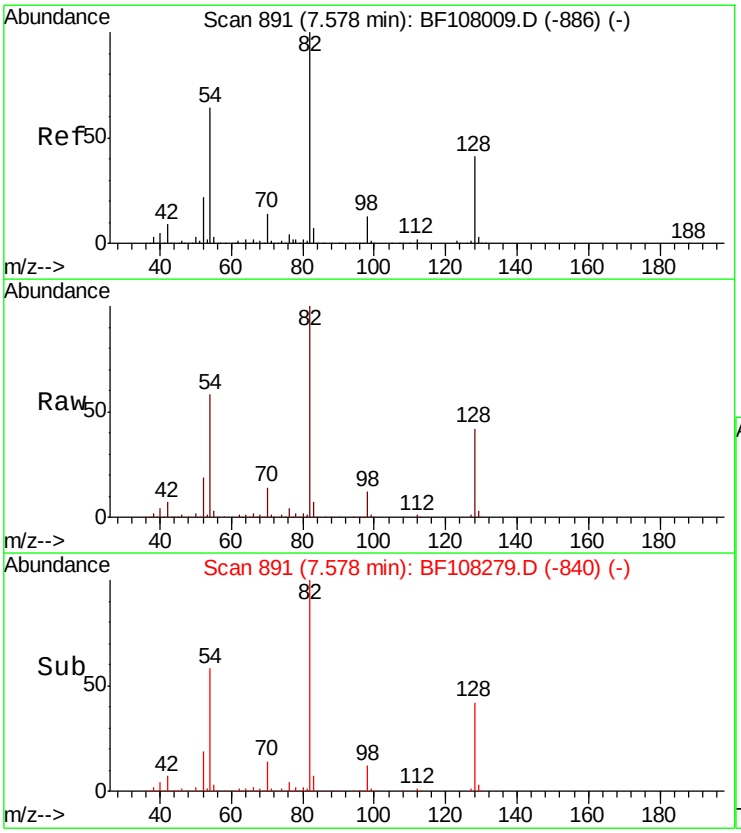
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tgt Ion:136 Resp: 735407

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.9	6.6	9.8
68	5.8	5.0	7.4

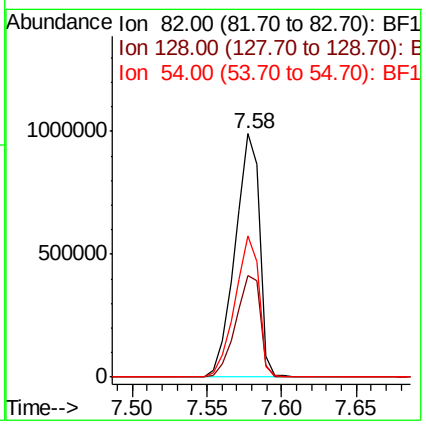


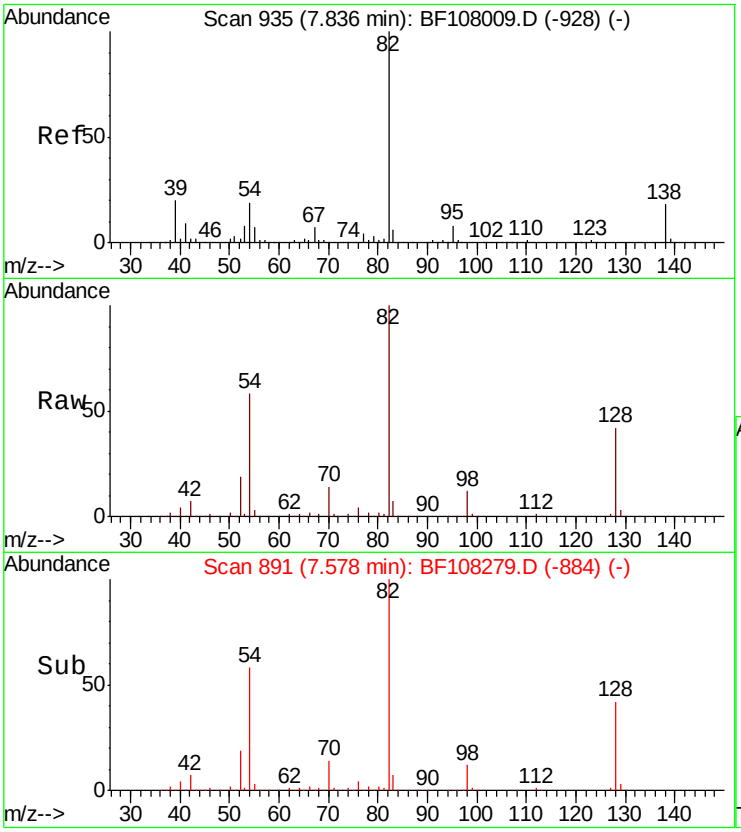


#23
Nitrobenzene-d5
Concen: 85.978 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion: 82 Resp: 1133102

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	57.9	41.4	62.2



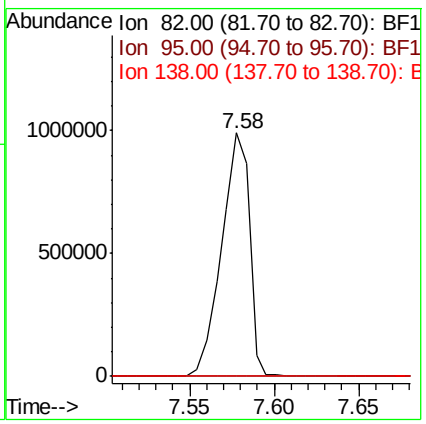


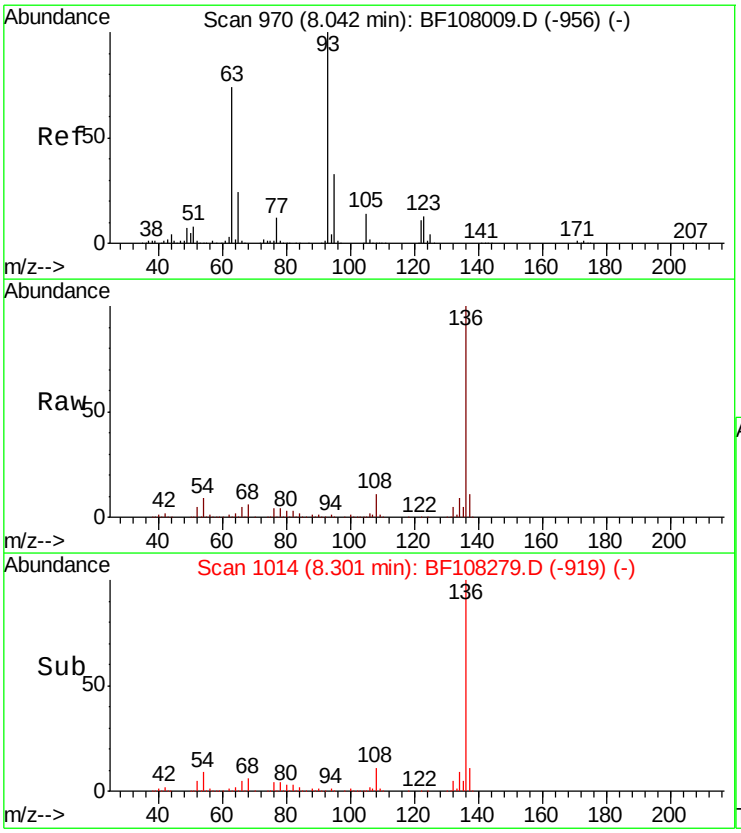
#25
Isophorone
Concen: 44.794 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tgt Ion: 82 Resp: 1125216

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

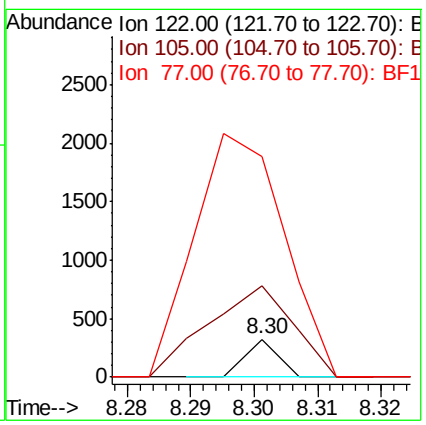


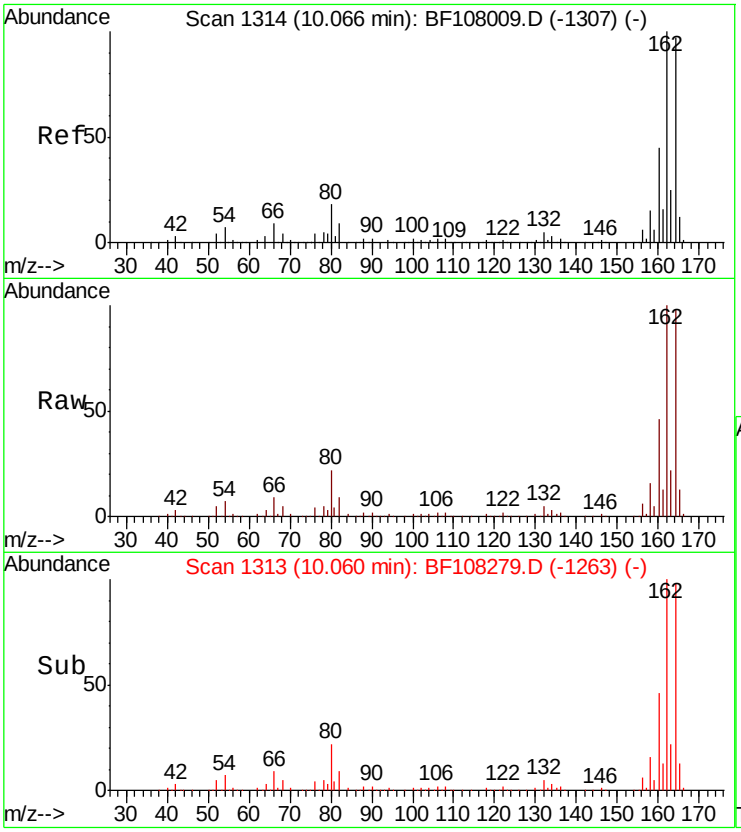


#32
Benzoic acid
Concen: 5.990 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.26 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	243.6	101.1	141.1#
77	587.5	70.7	110.7#



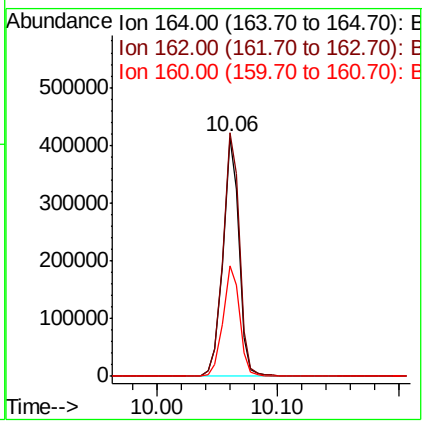


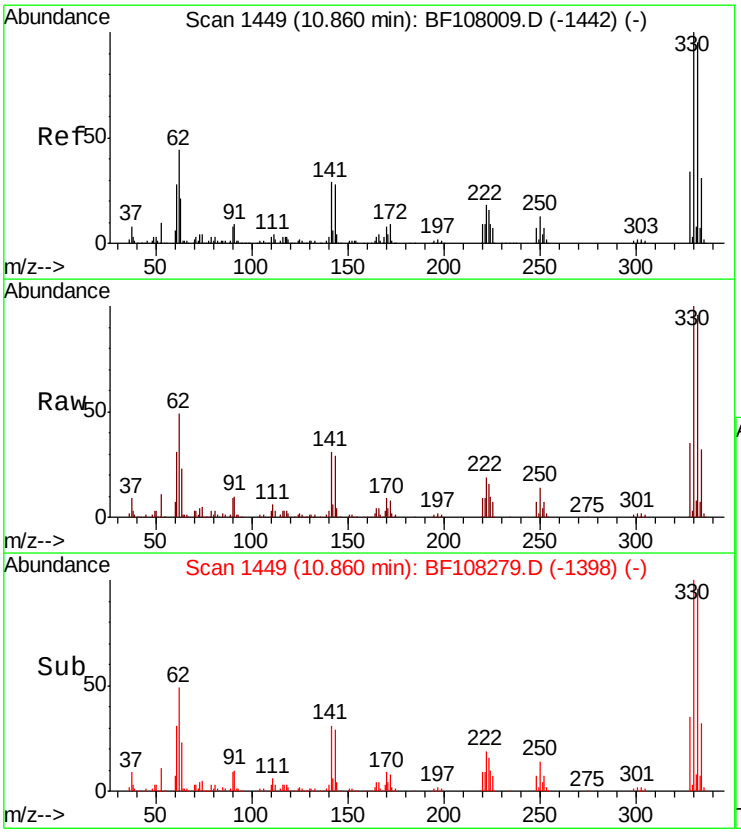
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tgt Ion:164 Resp: 379789

Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.4	38.3	57.5

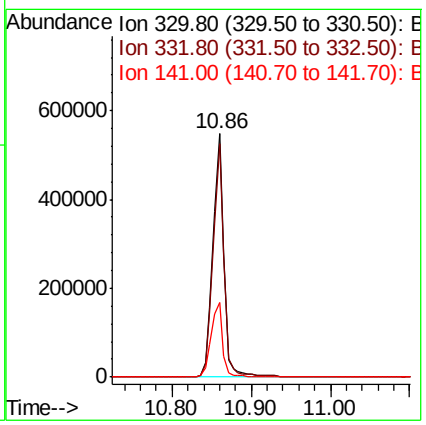


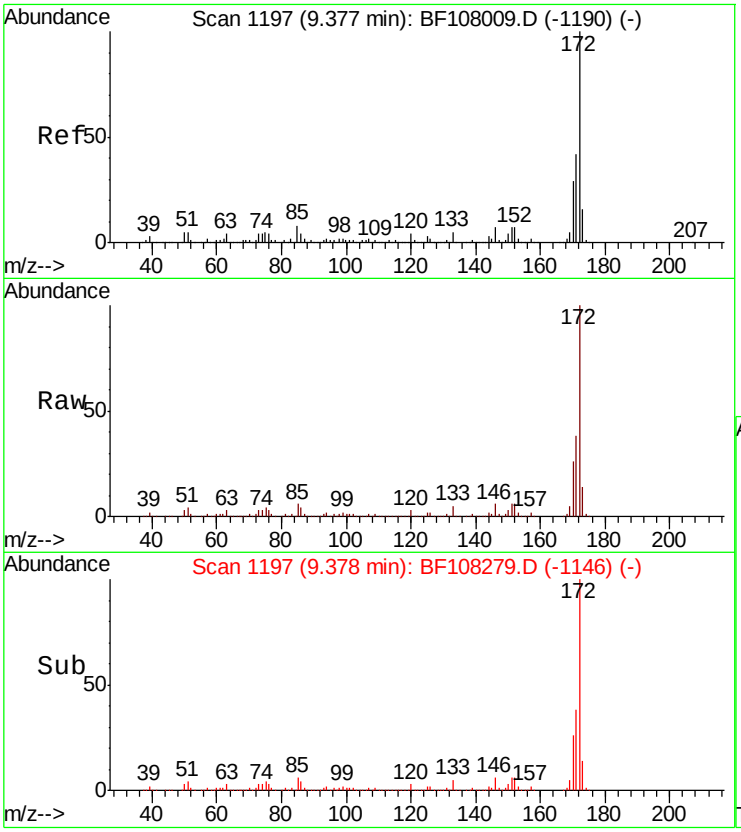


#41
2,4,6-Tribromophenol
Concen: 141.641 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:330 Resp: 536579

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.2	29.9	44.9



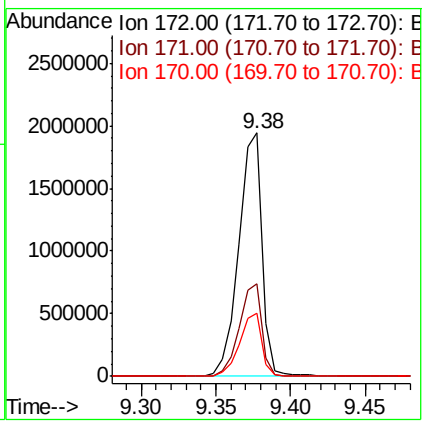


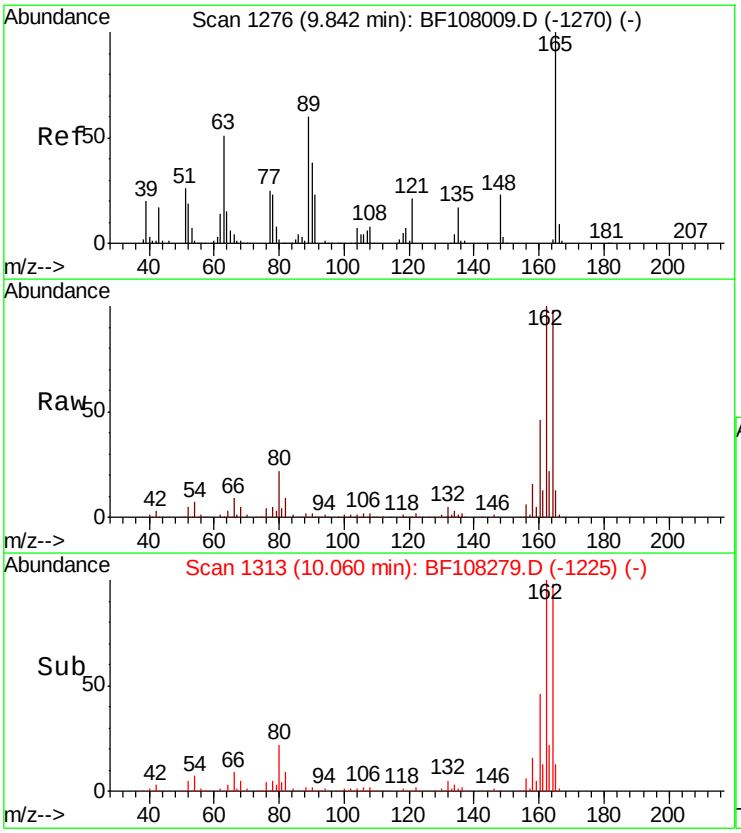
#44
2-Fluorobiphenyl
Concen: 89.211 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument : BNA_F
ClientSampleId : PB112152BL

Tgt Ion:172 Resp: 2110370

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.9	19.6	29.4

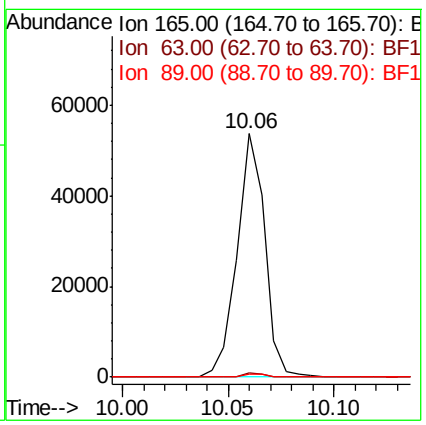


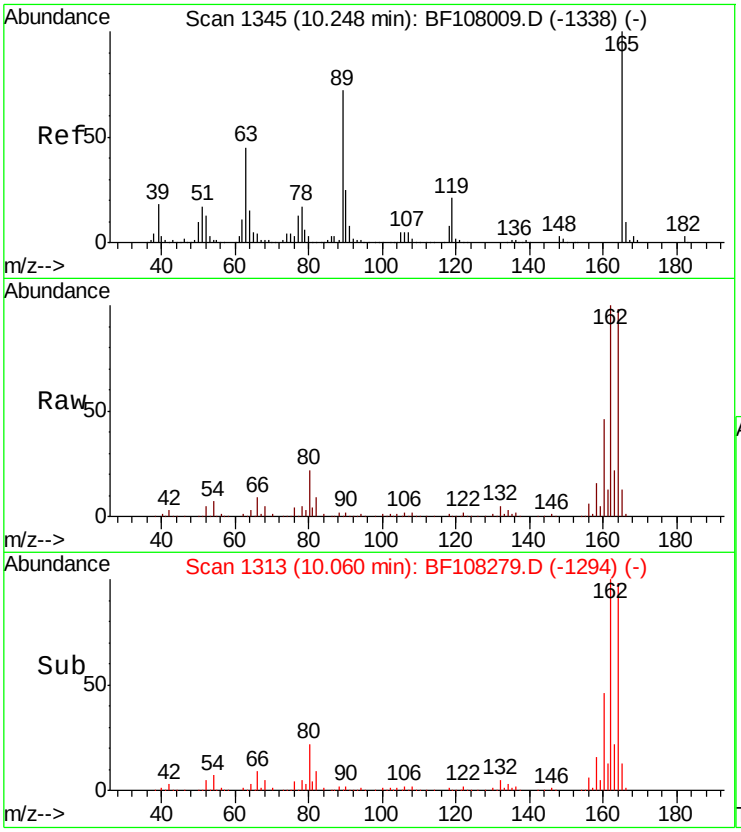


#50
2,6-Dinitrotoluene
Concen: 8.795 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:165 Resp: 48683

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.3	44.0	66.0#



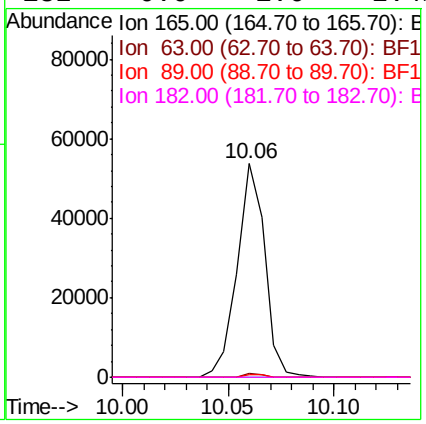


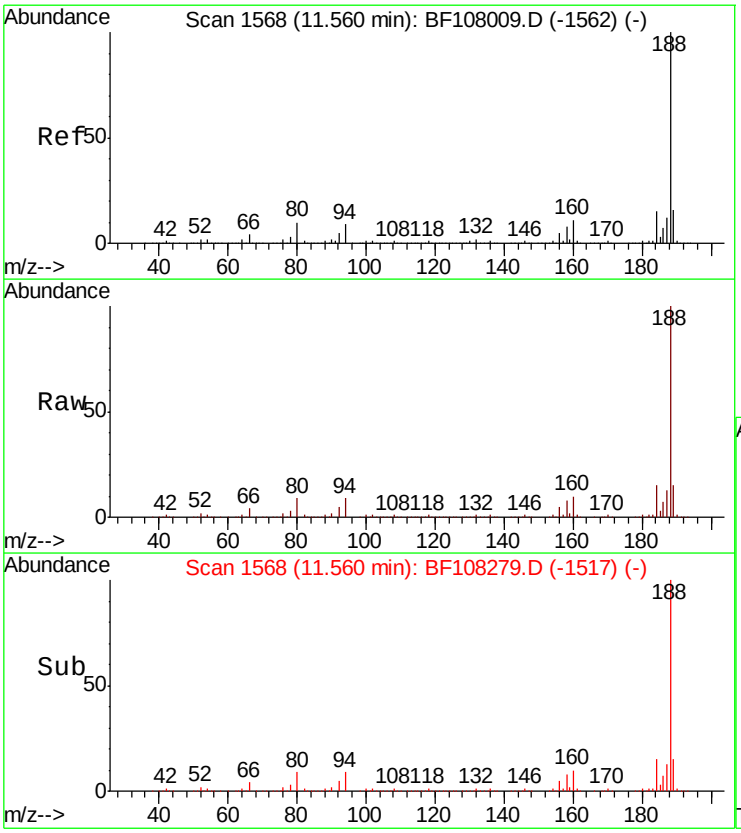
#56
2,4-Dinitrotoluene
Concen: 6.833 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tgt Ion:165 Resp: 48683

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

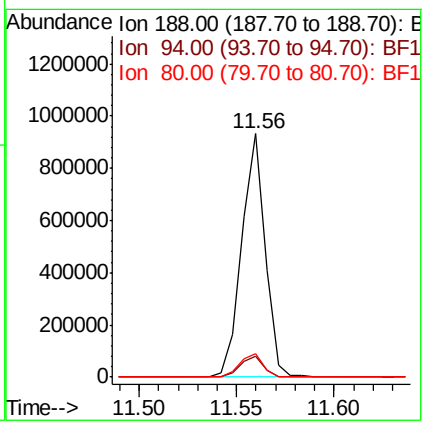


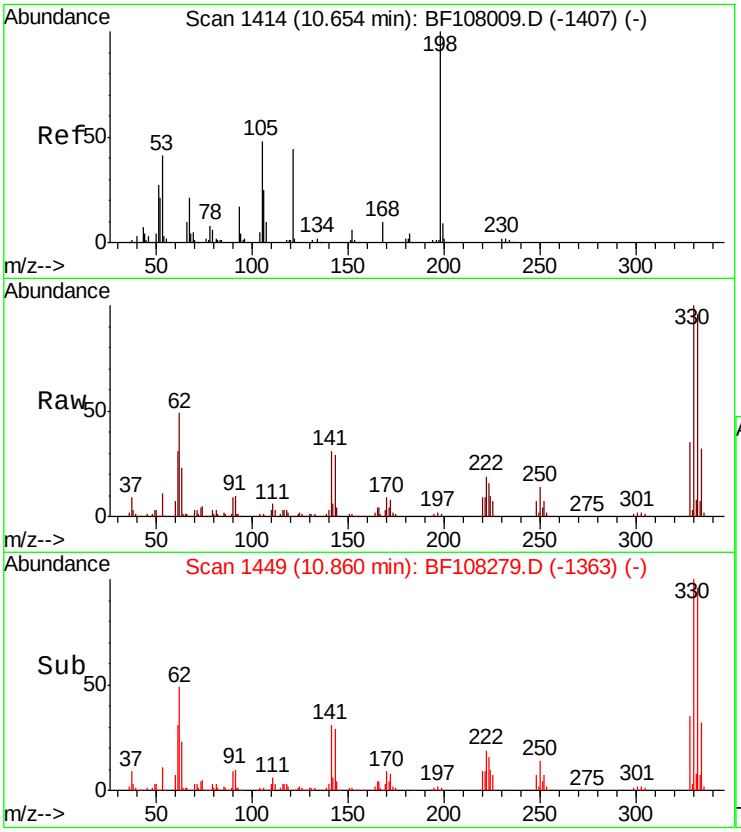


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:188 Resp: 779514

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.5	9.2	13.8



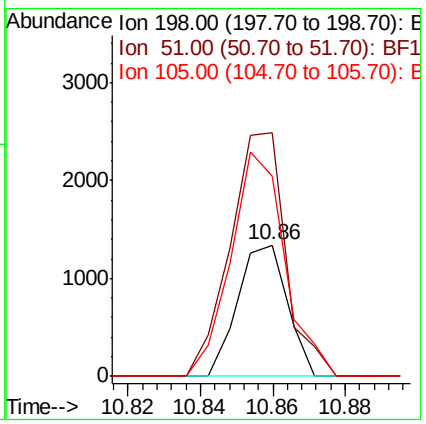


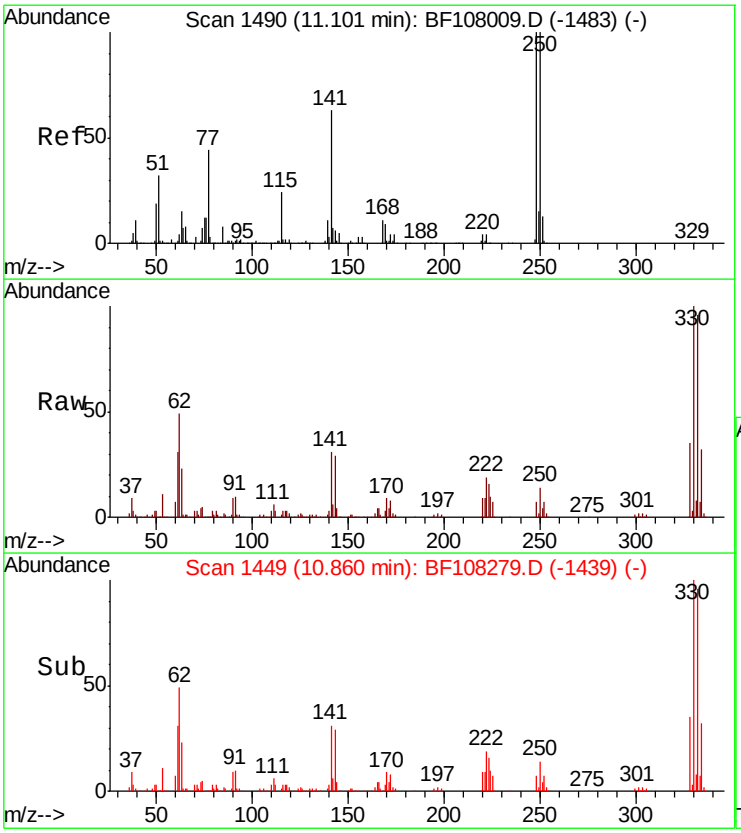
#64
4,6-Dinitro-2-methylphenol
Concen: 5.745 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.21 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tgt Ion:198 Resp: 1272

Ion	Ratio	Lower	Upper
198	100		
51	185.7	37.7	77.7#
105	152.9	36.3	76.3#

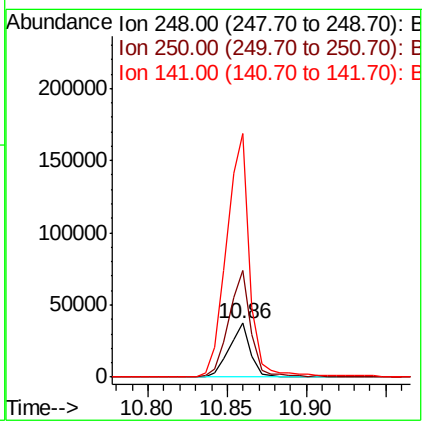


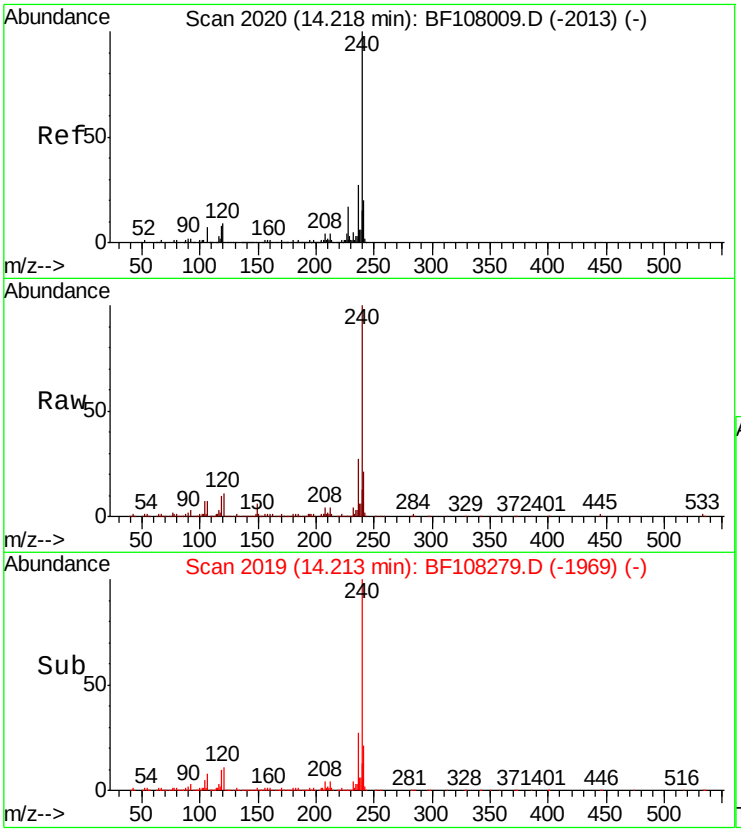


#66
4-Bromophenyl-phenylether
Concen: 4.175 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:248 Resp: 35365

Ion	Ratio	Lower	Upper
248	100		
250	199.1	76.9	115.3#
141	453.7	74.4	111.6#



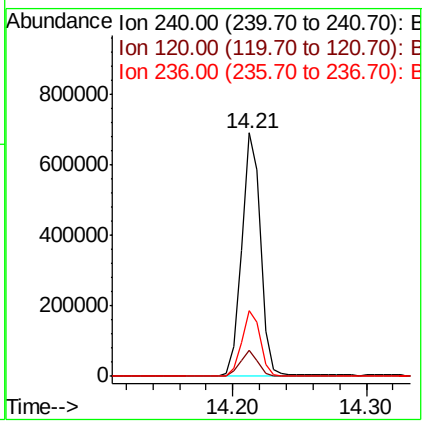


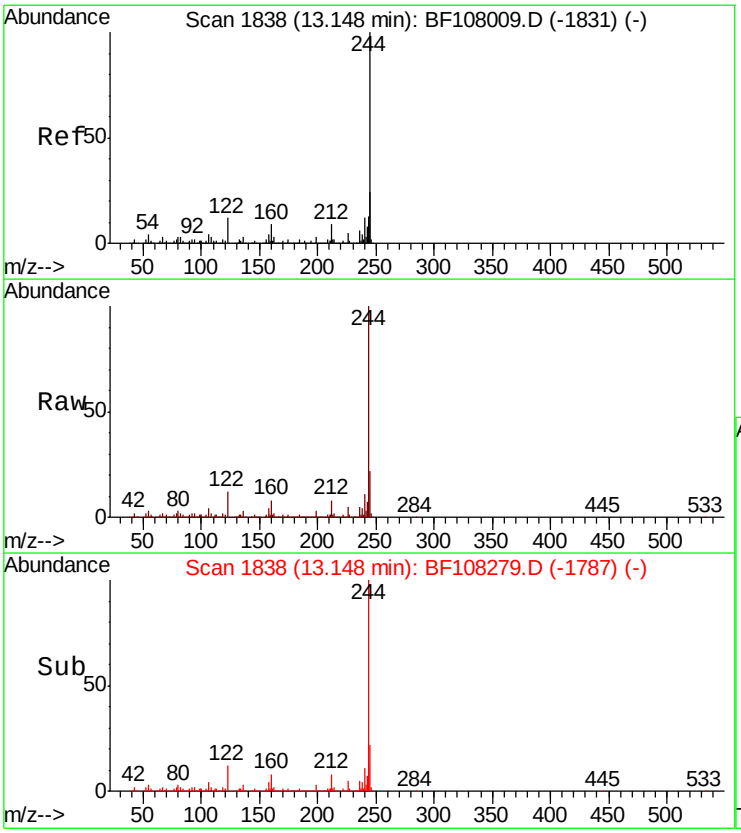
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tgt Ion:240 Resp: 669328

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.9	20.7	31.1

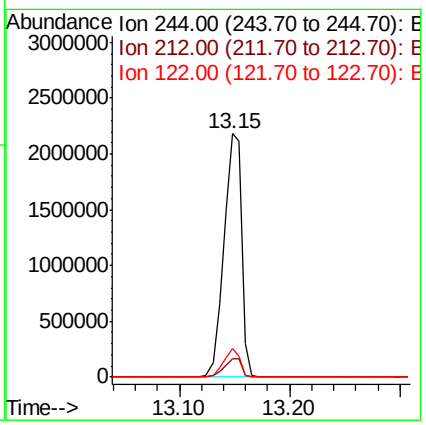


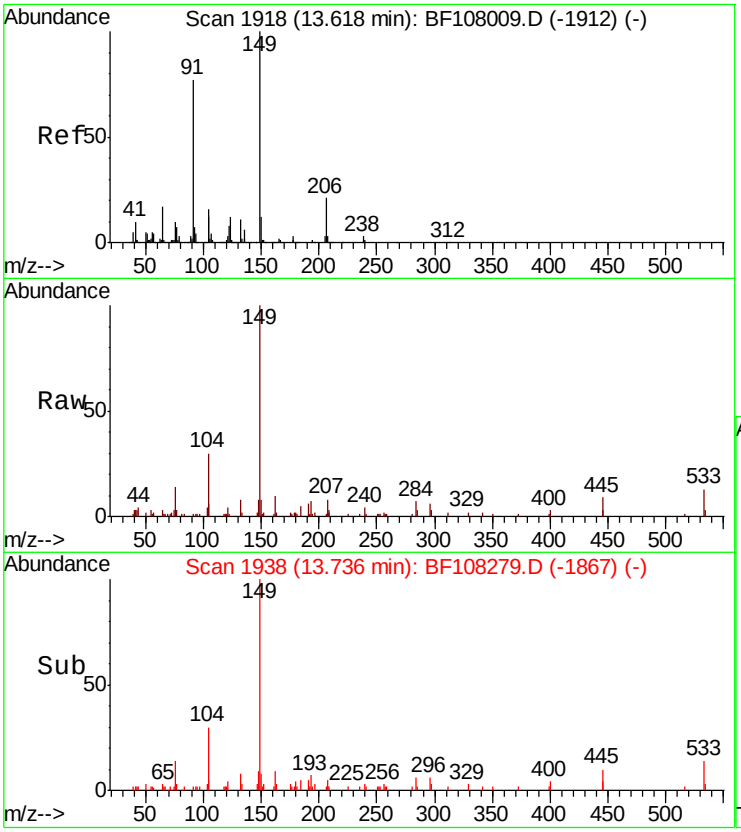


#78
Terphenyl-d14
Concen: 92.970 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:244 Resp: 2447423

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	11.9	11.0	16.4



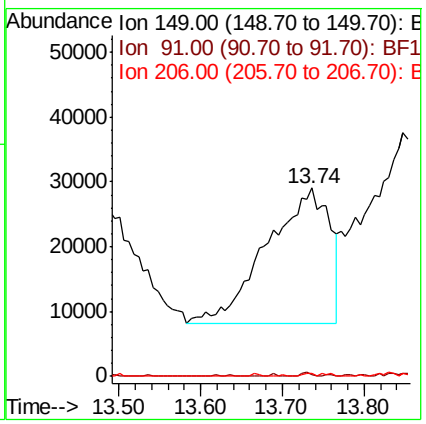


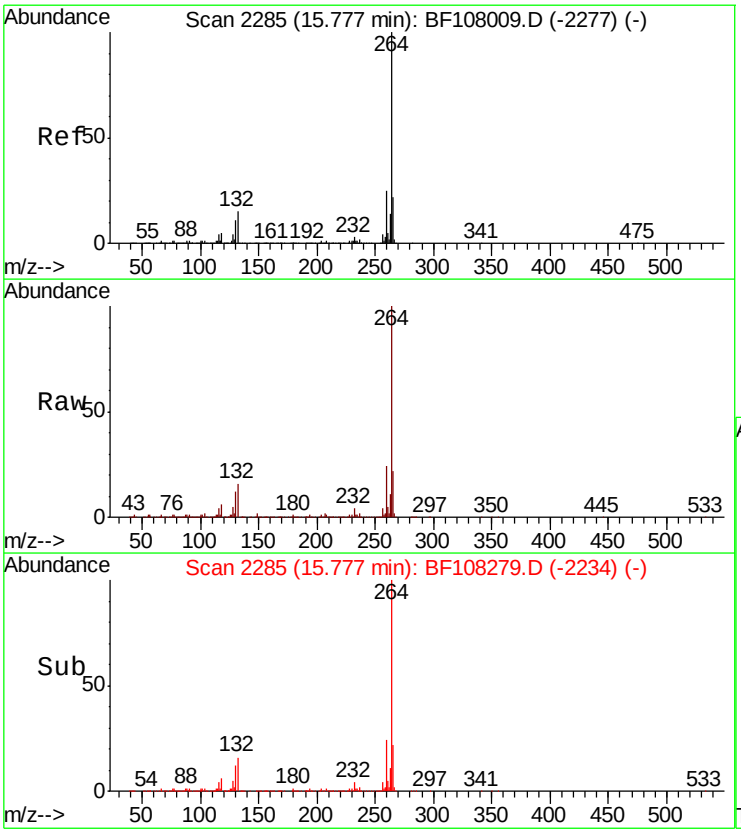
#79
Butylbenzylphthalate
Concen: 6.681 ng
RT: 13.74 min Scan# 1938
Delta R.T. 0.12 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tgt Ion:149 Resp: 112413

Ion	Ratio	Lower	Upper
149	100		
91	1.0	56.8	85.2#
206	1.3	14.1	21.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:264 Resp: 567763

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.5	26.3