Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
Data File : BF108186.D
Acq On : 16 Aug 2018 00:46
Operator : JU/SJ
Sample : J4440-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 080918-TIPC-F-D-B

Quant Time: Aug 16 01:54:00 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	205297	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	766367	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	372121	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	592211	20.00	ng	0.00
75) Chrysene-d12	14.21	240	435025	20.00	ng	-0.01
86) Perylene-d12	15.77	264	434959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	505580	44.59	ng	0.00
7) Phenol-d6	6.62	99	429859	28.53	ng	0.00
23) Nitrobenzene-d5	7.58	82	1402250	102.10	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	281053	75.72	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2364492	102.01	ng	0.00
78) Terphenyl-d14	13.14	244	1658323	96.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.78	77	24219	2.073	ng	# 72
19) n-Nitroso-di-n-propylamine	7.58	70	194814	19.118	ng	# 84
25) Isophorone	7.58	82	1394824	53.284	ng	# 64
32) Benzoic acid	8.30	122	118	5.990	ng	# 1
49) Dimethylphthalate	9.76	163	199726	7.705	ng	99
56) 2,4-Dinitrotoluene	10.06	165	46067	6.599	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	605	5.600	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	18548	2.882	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
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Acq On : 16 Aug 2018 00:46
Operator : JU/SJ
Sample : J4440-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Quant Time: Aug 16 01:54:00 2018
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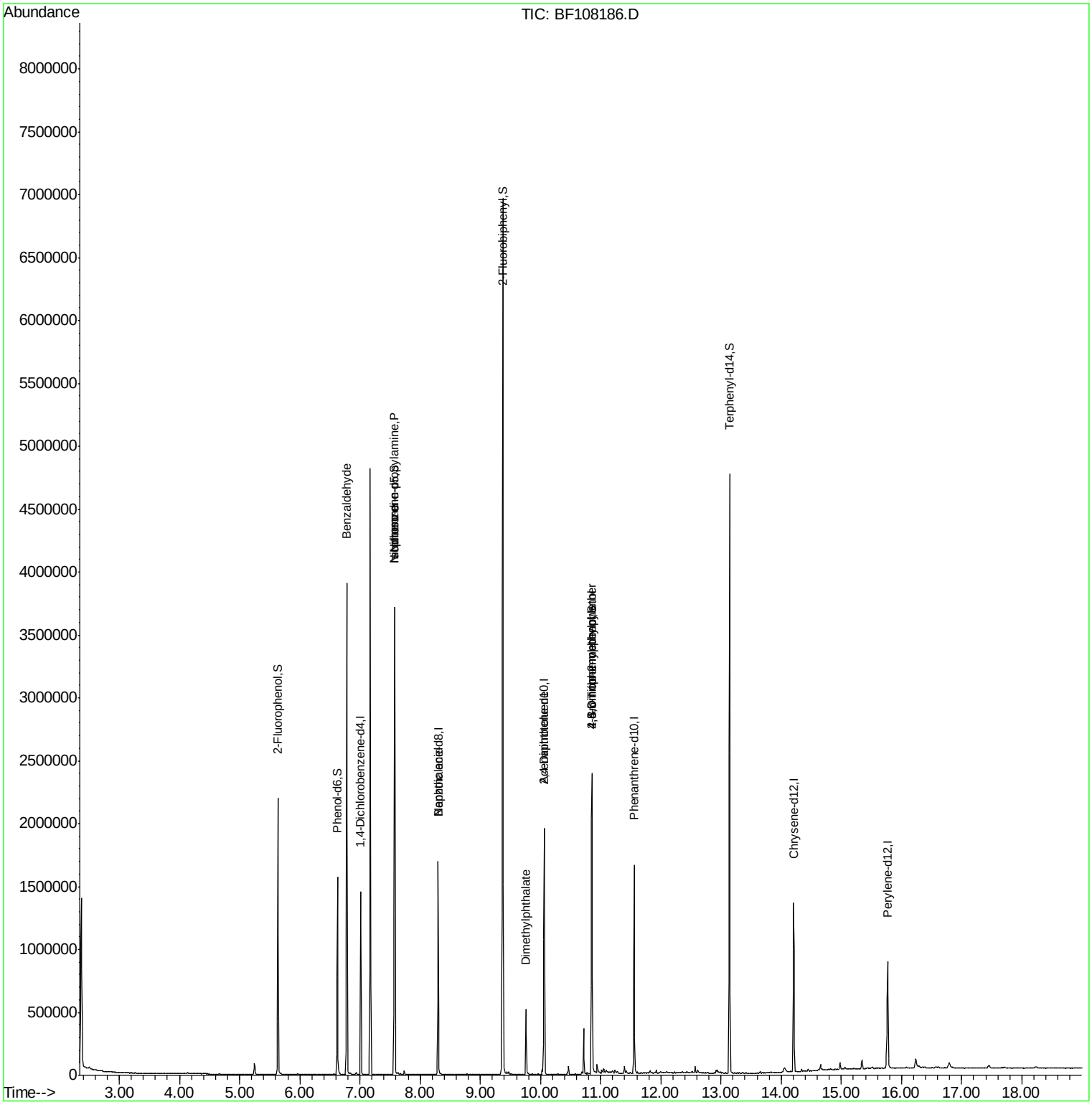
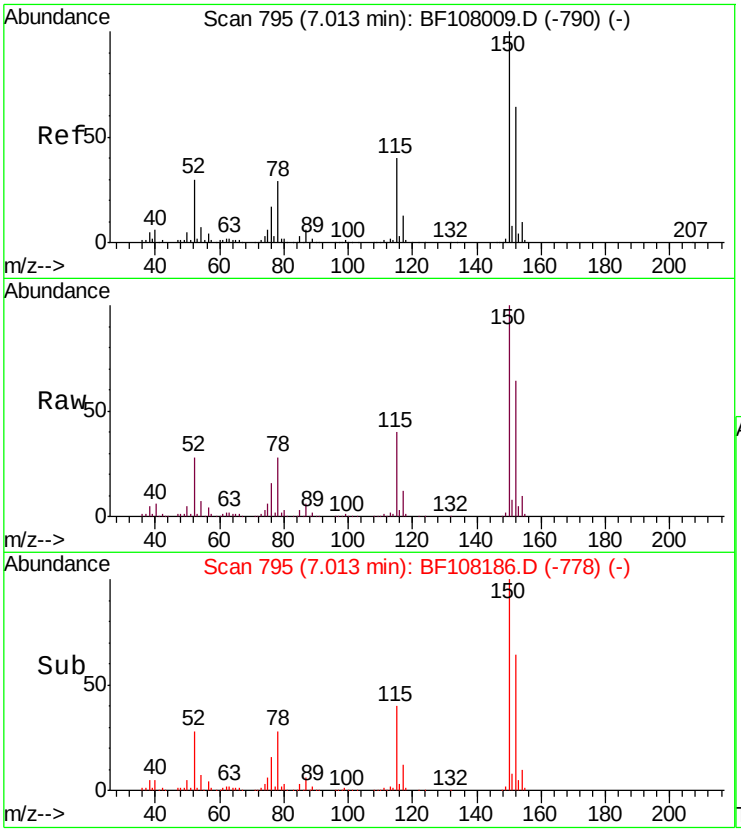
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



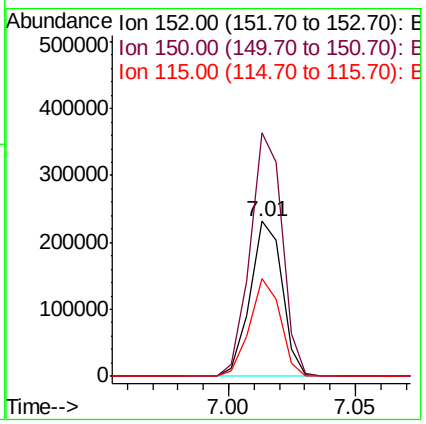


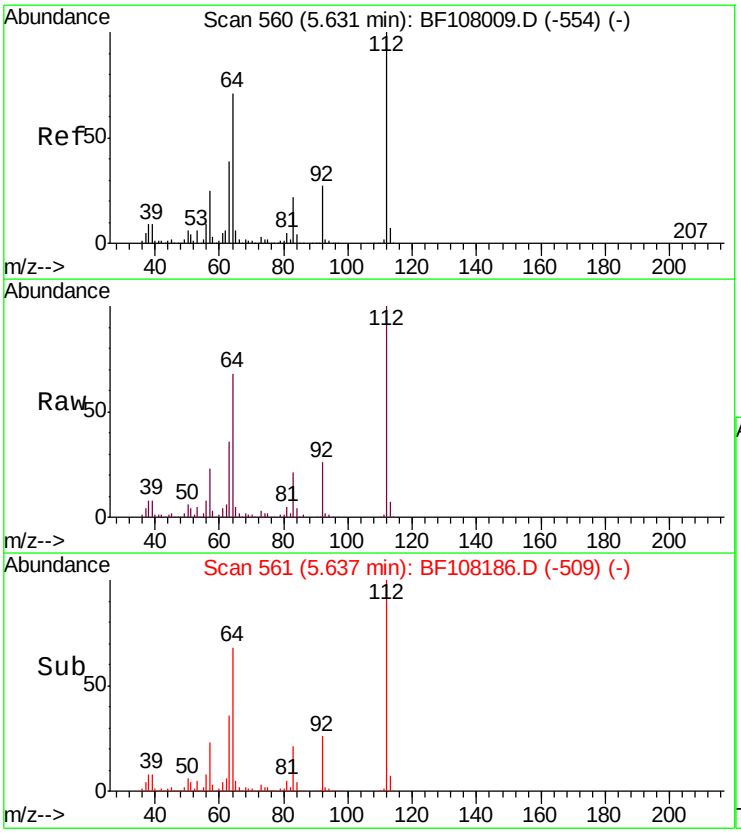
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion:152 Resp: 205297

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	63.2	50.1	75.1

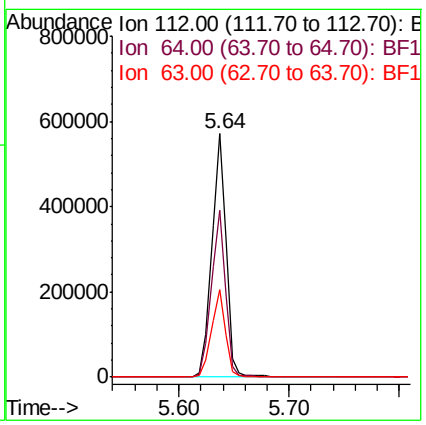


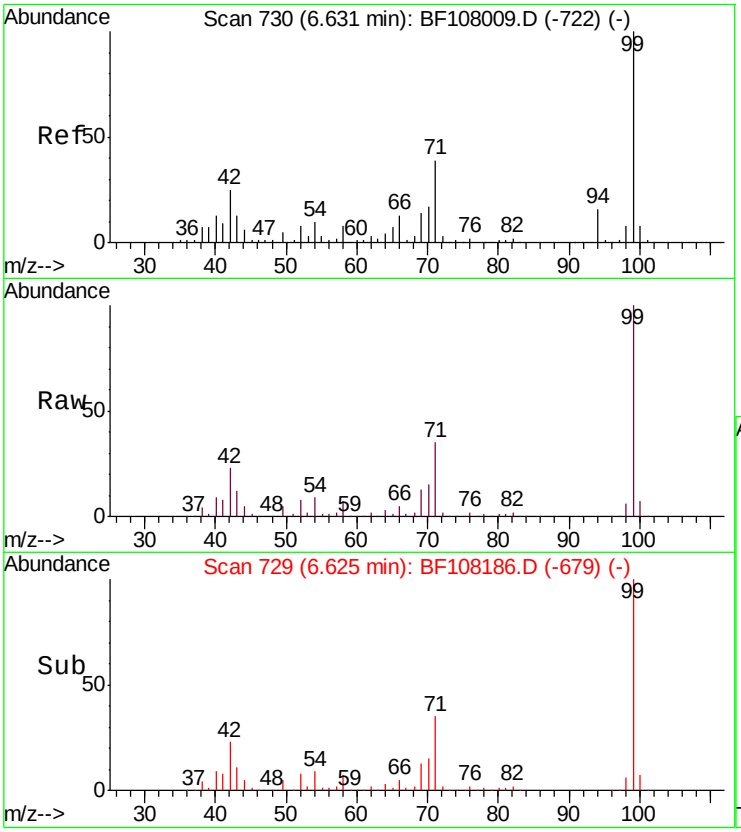


#5
2-Fluorophenol
Concen: 44.586 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:112 Resp: 505580

Ion	Ratio	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	36.0	23.7	35.5#



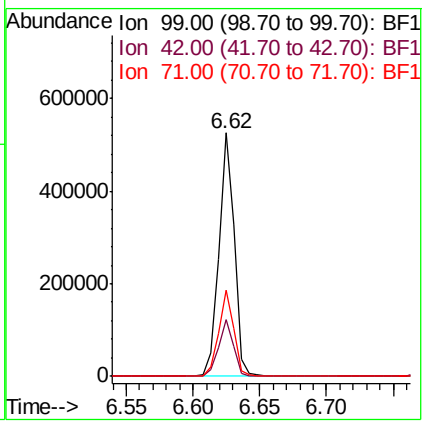


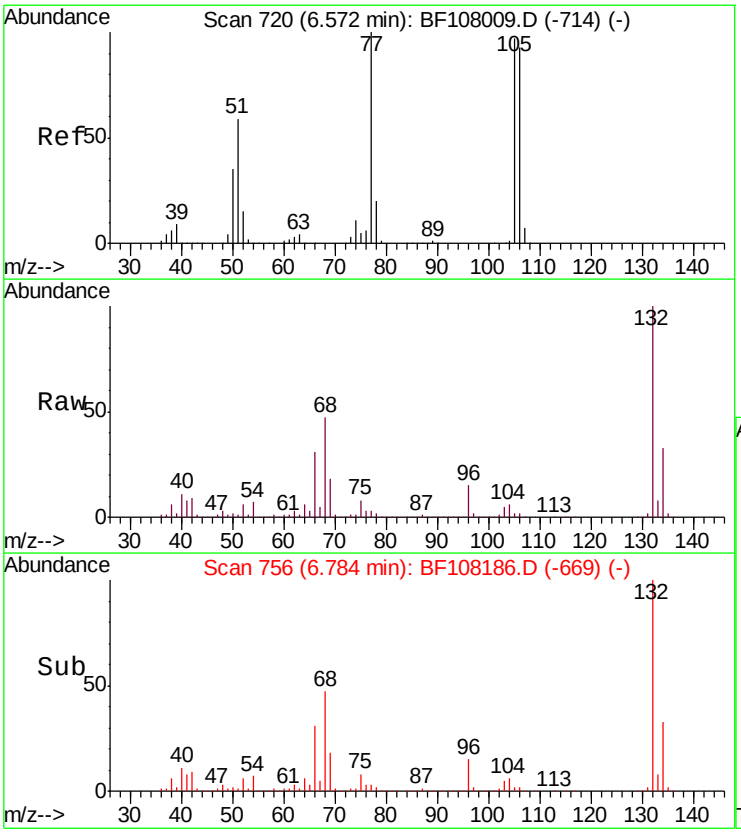
#7
Phenol-d6
Concen: 28.527 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion: 99 Resp: 429859

Ion	Ratio	Lower	Upper
99	100		
42	23.4	14.5	21.7#
71	35.3	25.4	38.0

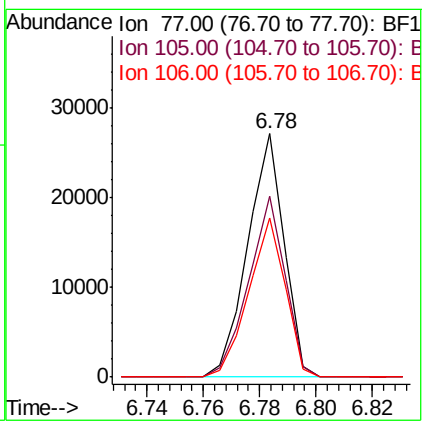


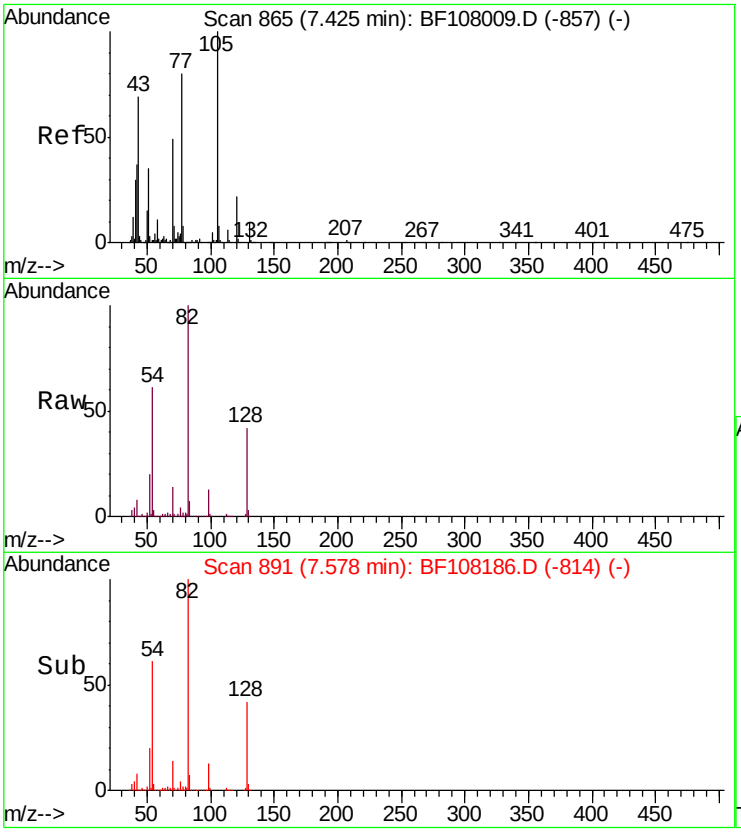


#9
Benzaldehyde
Concen: 2.073 ng
RT: 6.78 min Scan# 756
Delta R.T. 0.21 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion: 77 Resp: 24219

Ion	Ratio	Lower	Upper
77	100		
105	74.3	81.1	121.1#
106	65.2	74.5	114.5#



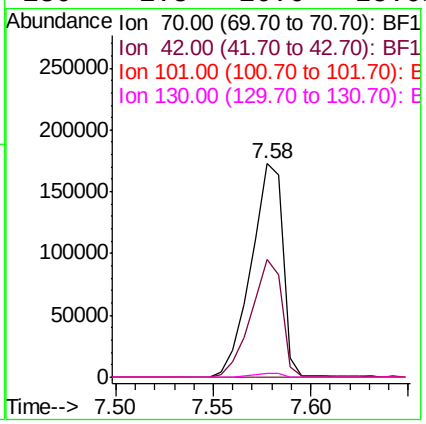


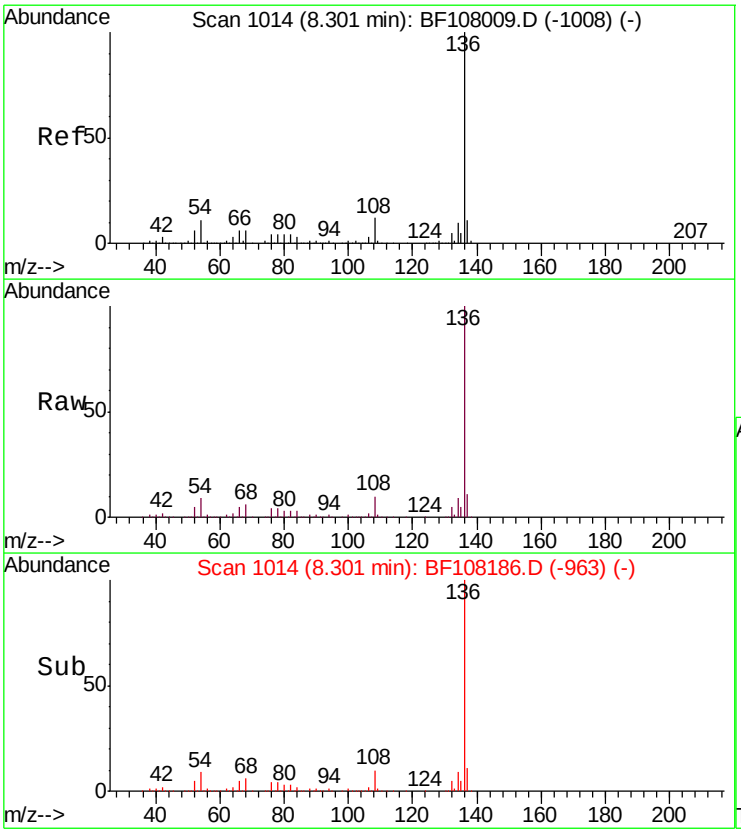
#19
n-Nitroso-di-n-propylamine
Concen: 19.118 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion: 70 Resp: 194814

Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

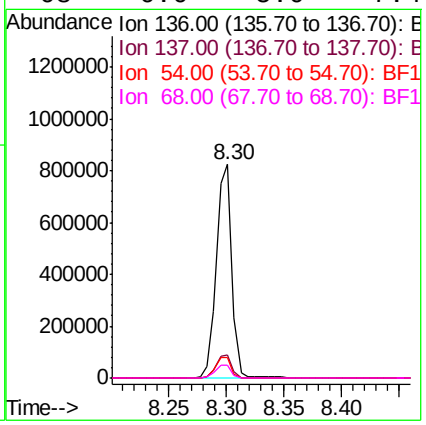


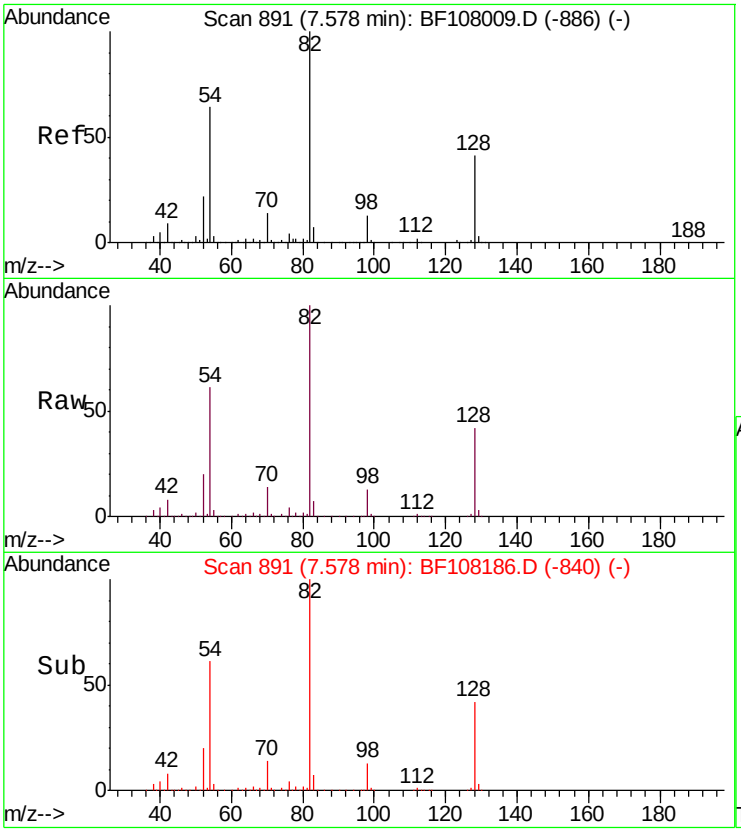


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:136 Resp: 766367

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.4	6.6	9.8
68	6.0	5.0	7.4



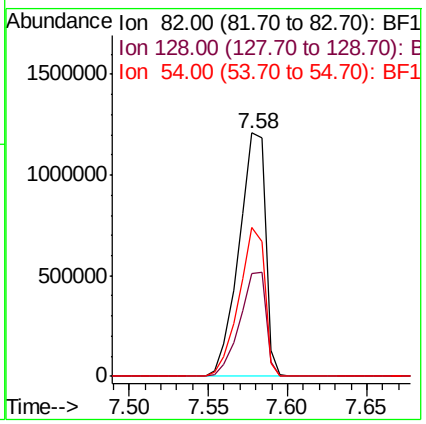


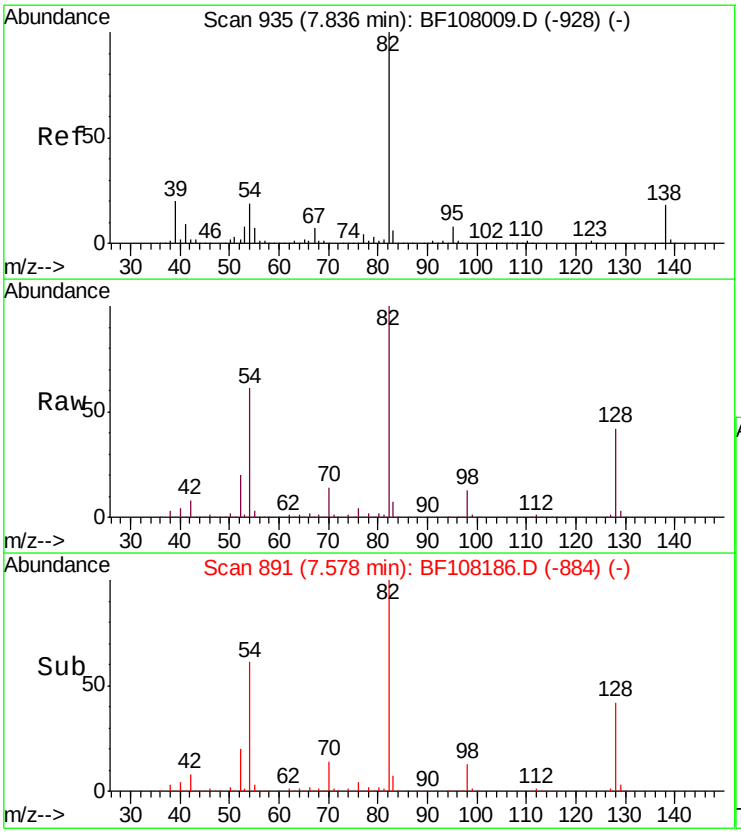
#23
Nitrobenzene-d5
Concen: 102.102 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion: 82 Resp: 1402250

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	61.0	41.4	62.2

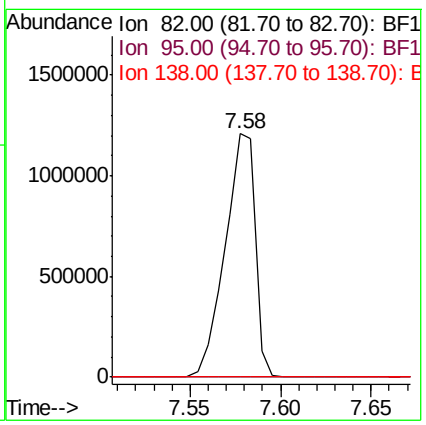


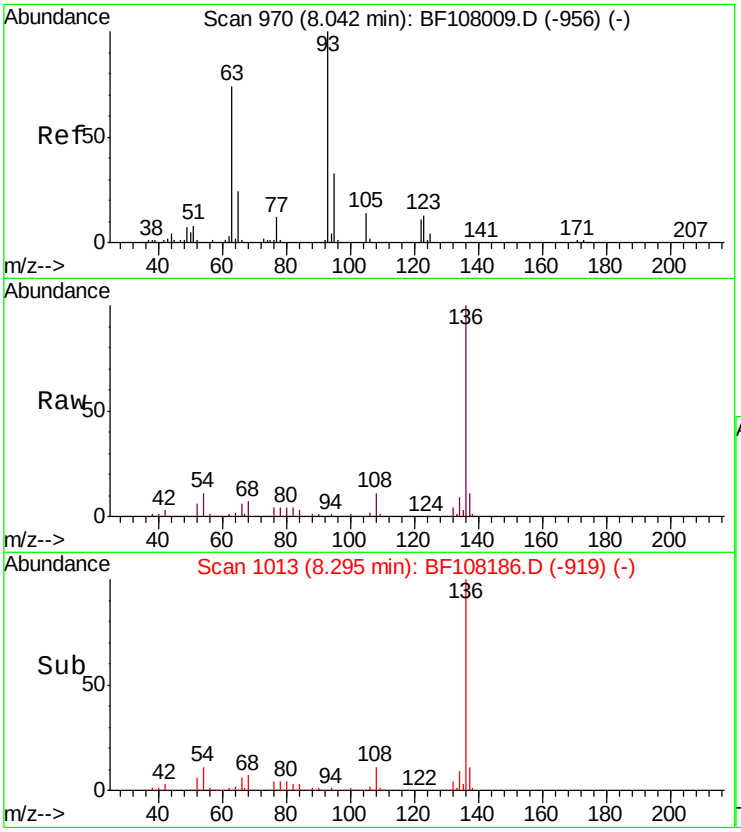


#25
Isophorone
Concen: 53.284 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion: 82 Resp: 1394824

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



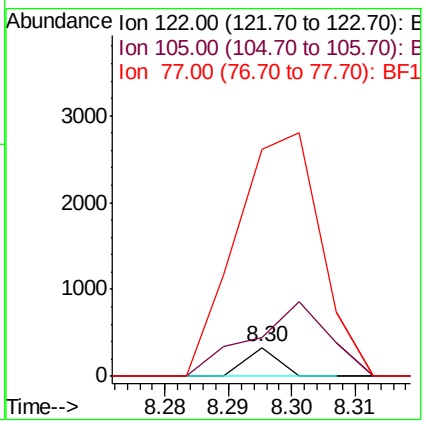


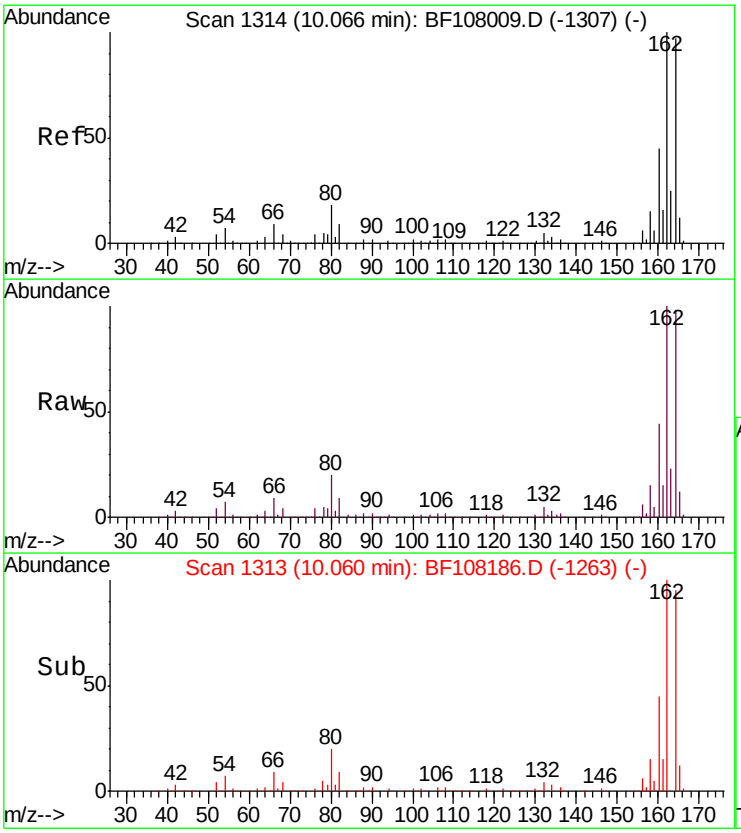
#32
Benzoic acid
Concen: 5.990 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.25 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion:122 Resp: 118

Ion	Ratio	Lower	Upper
122	100		
105	132.3	101.1	141.1
77	782.9	70.7	110.7#

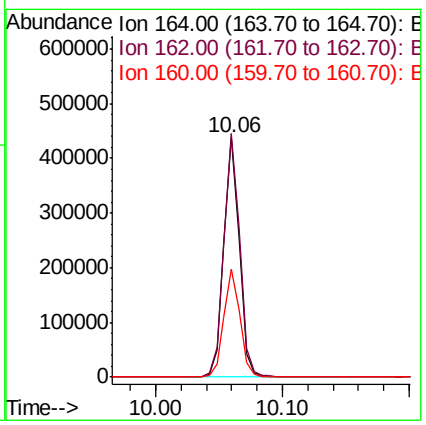


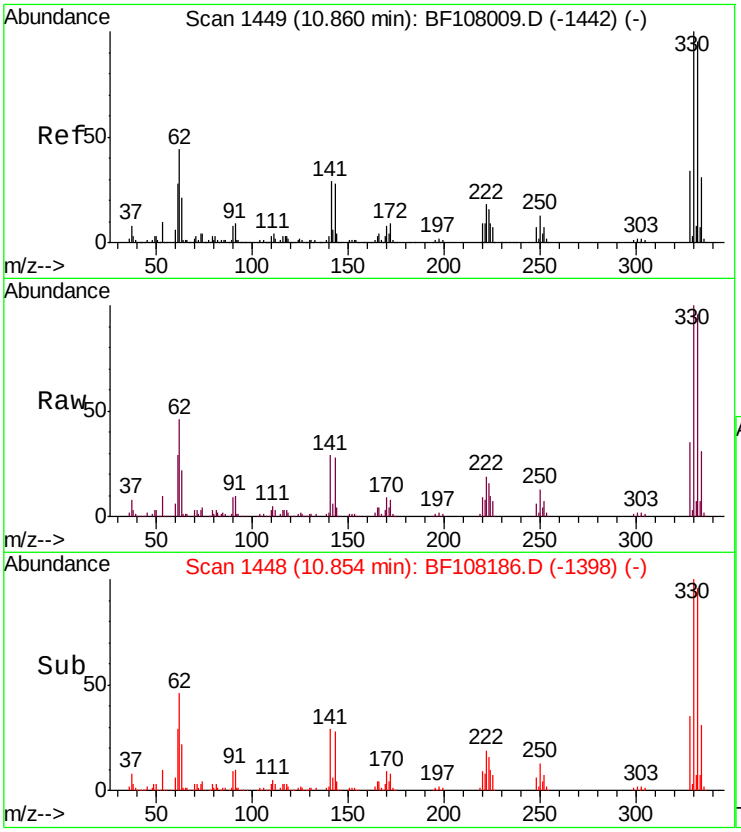


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:164 Resp: 372121

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.1	38.3	57.5



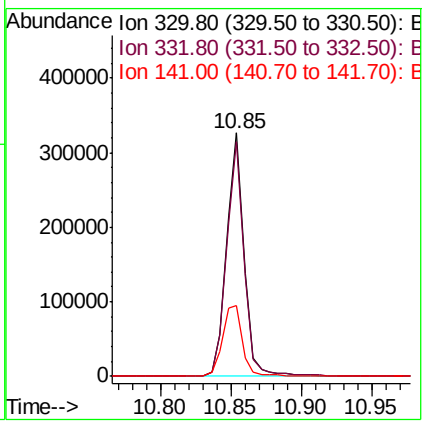


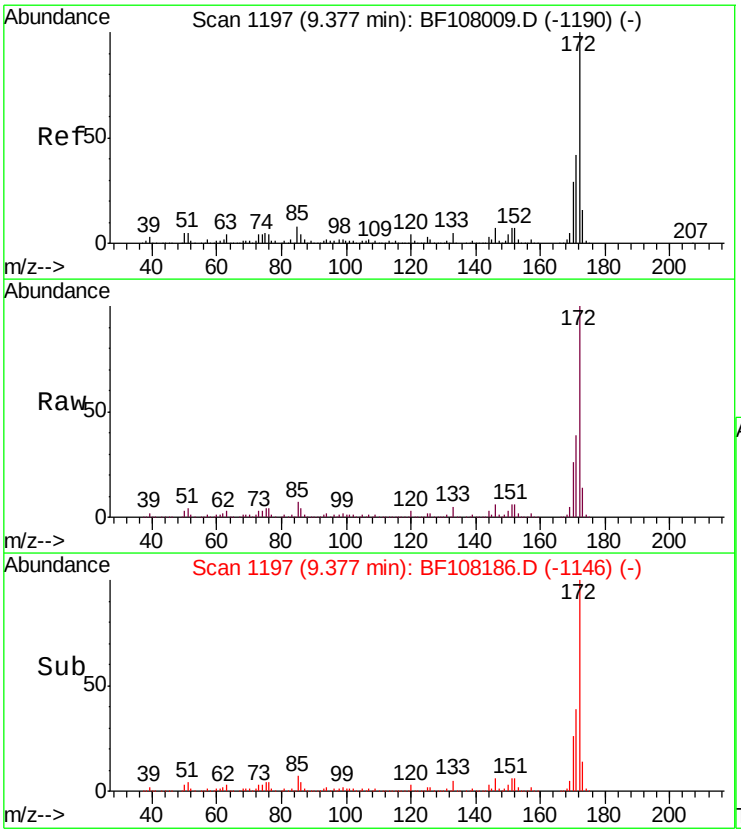
#41
2,4,6-Tribromophenol
Concen: 75.719 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion:330 Resp: 281053

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	33.5	29.9	44.9

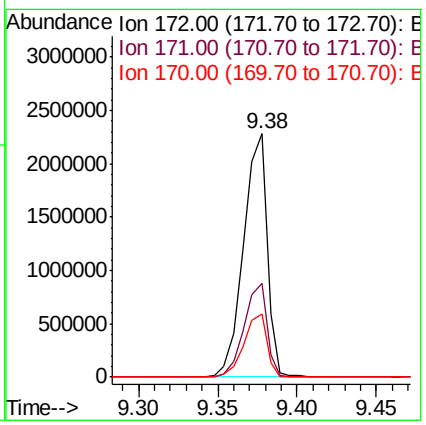


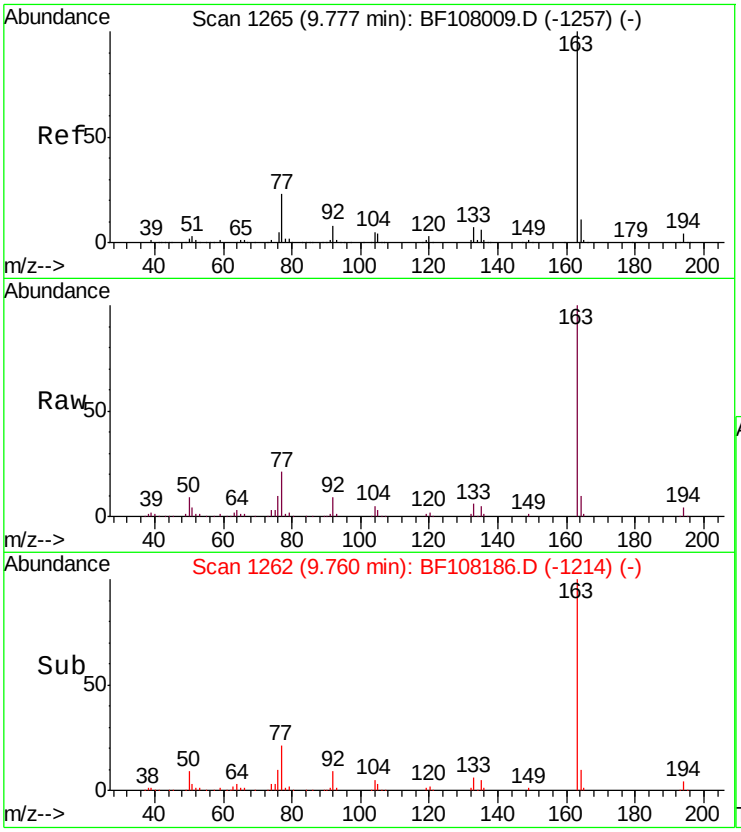


#44
2-Fluorobiphenyl
Concen: 102.013 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:172 Resp: 2364492

Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.7	44.5
170	26.2	19.6	29.4



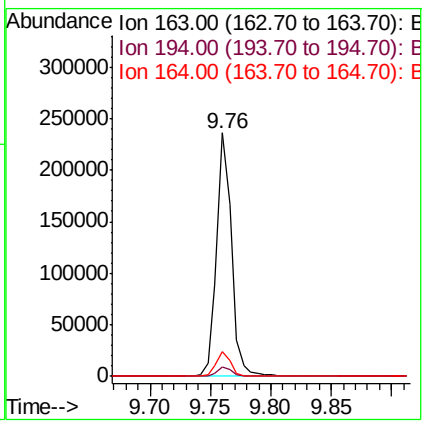


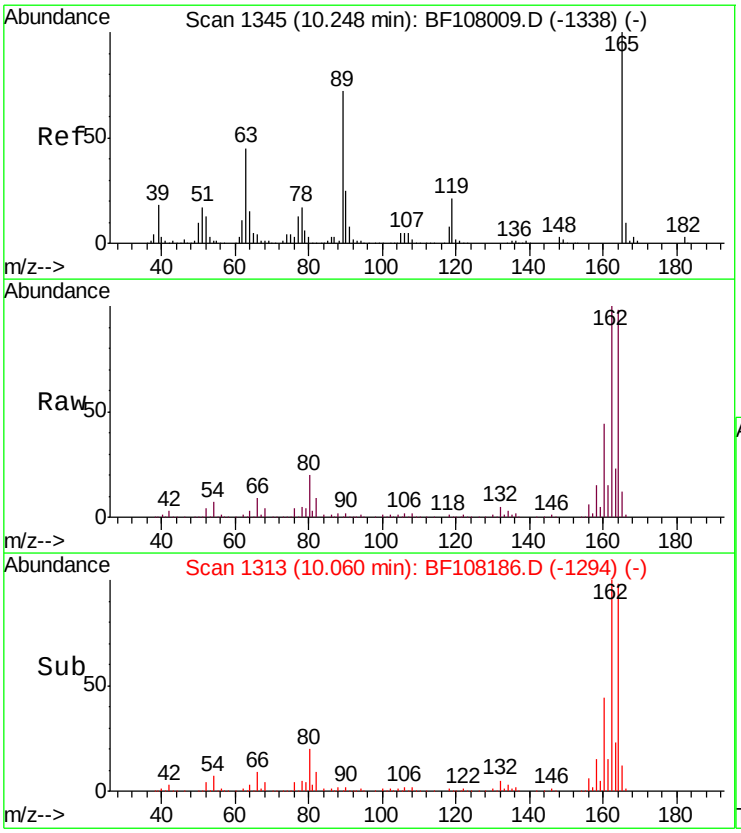
#49
Dimethylphthalate
Concen: 7.705 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion:163 Resp: 199726

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.3	8.2	12.2

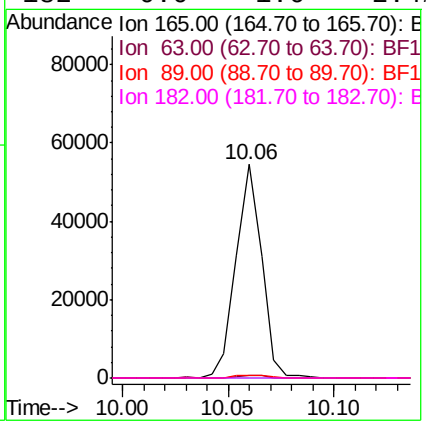


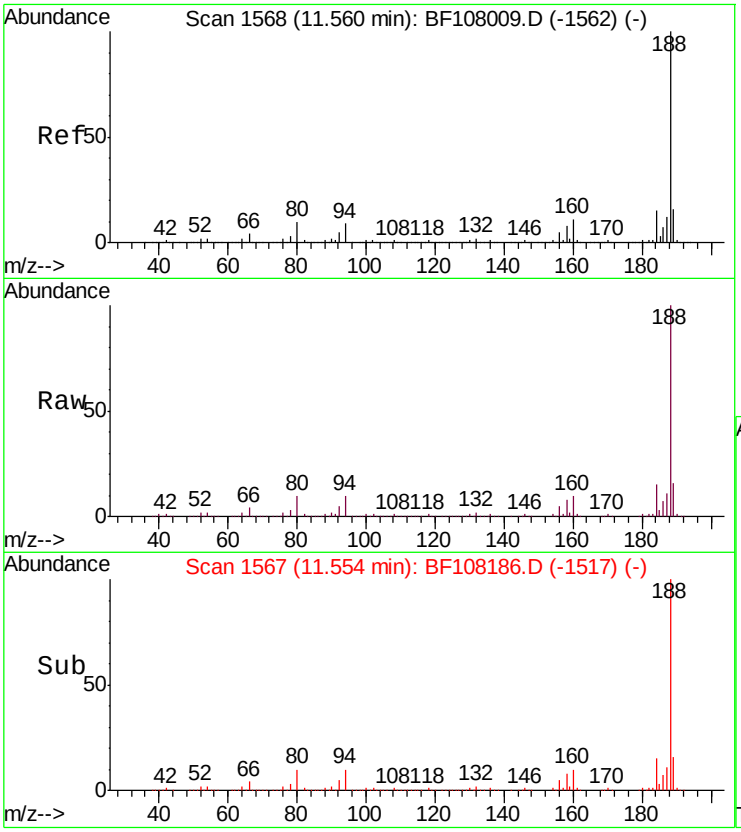


#56
2,4-Dinitrotoluene
Concen: 6.599 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:165 Resp: 46067

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



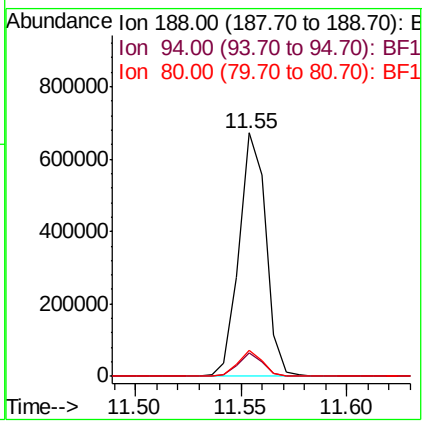


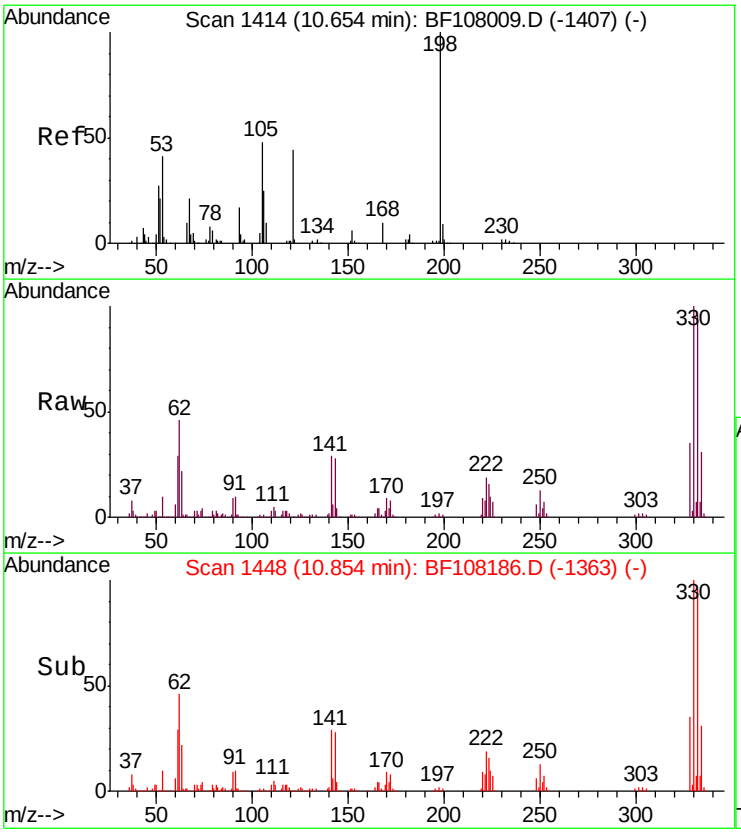
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion:188 Resp: 592211

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.5	9.2	13.8

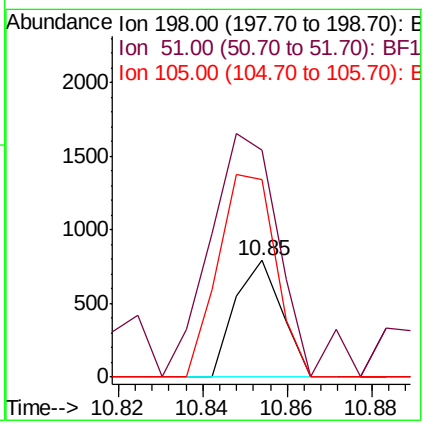


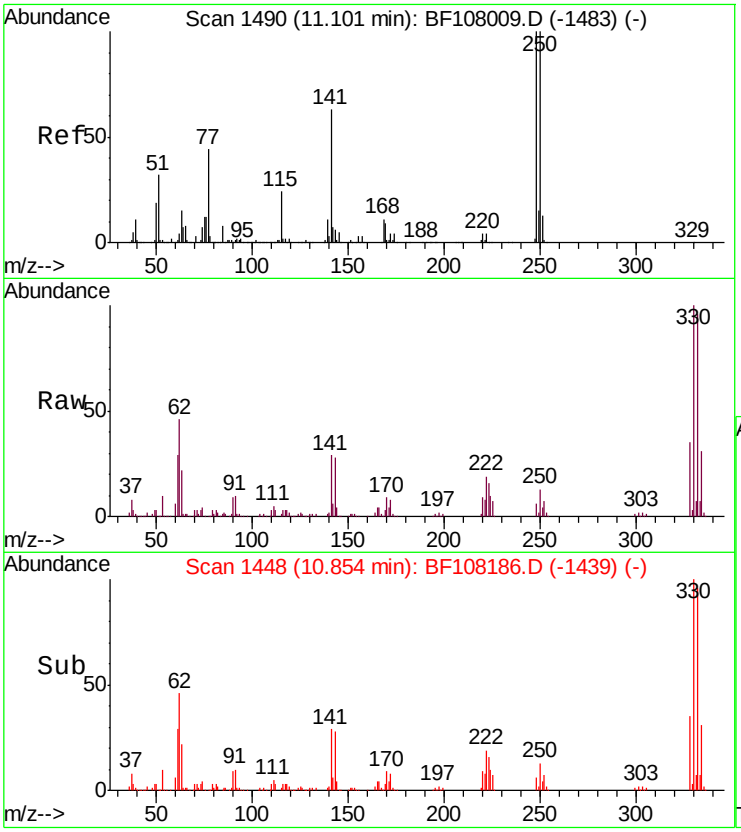


#64
4,6-Dinitro-2-methylphenol
Concen: 5.600 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:198 Resp: 605

Ion	Ratio	Lower	Upper
198	100		
51	194.7	37.7	77.7#
105	169.7	36.3	76.3#



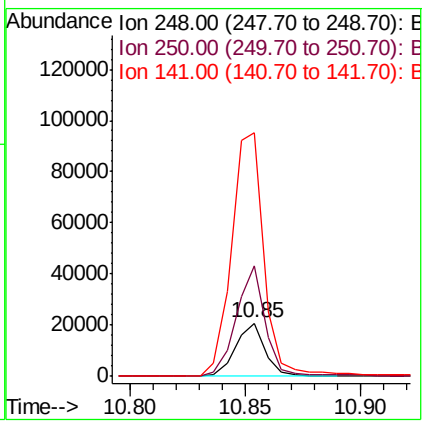


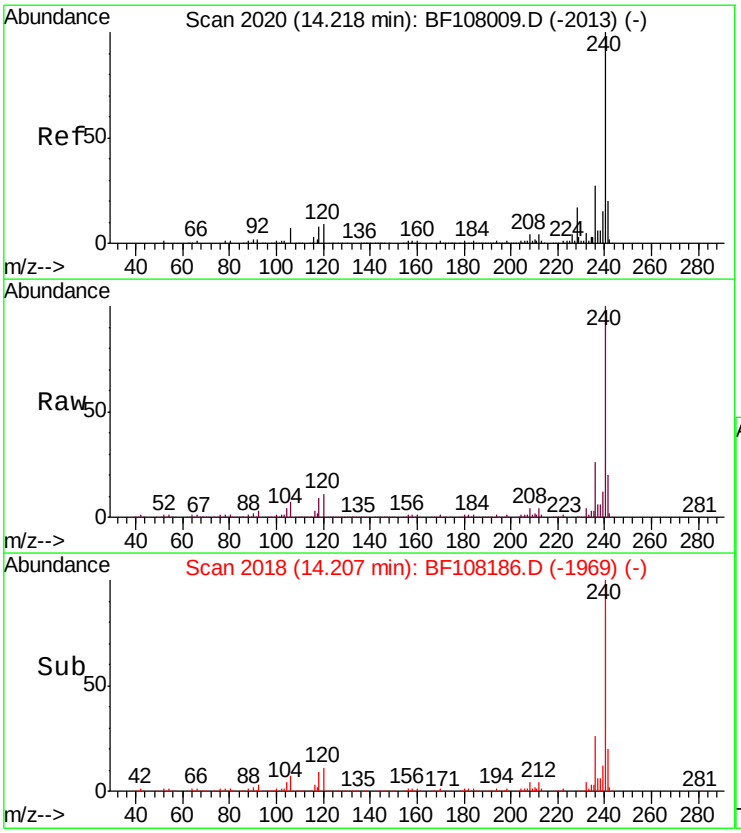
#66
4-Bromophenyl-phenylether
Concen: 2.882 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion:248 Resp: 18548

Ion	Ratio	Lower	Upper
248	100		
250	209.3	76.9	115.3#
141	459.4	74.4	111.6#

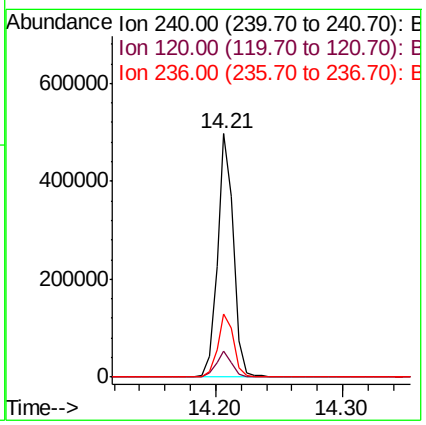


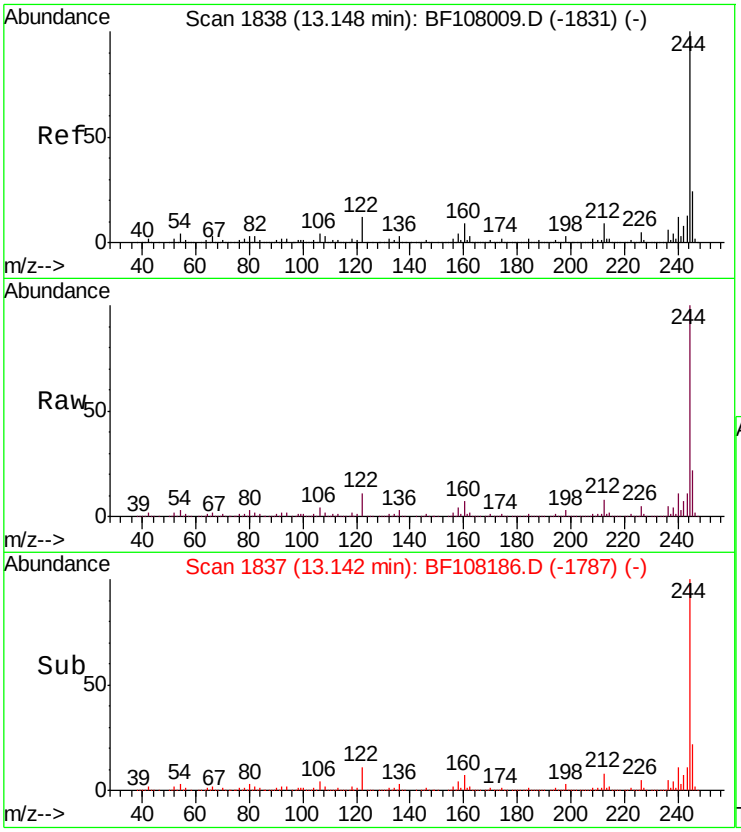


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:240 Resp: 435025

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.7	20.7	31.1



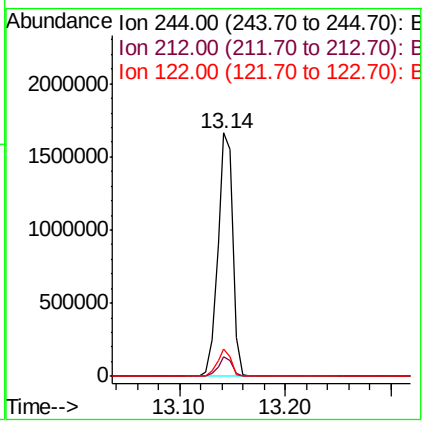


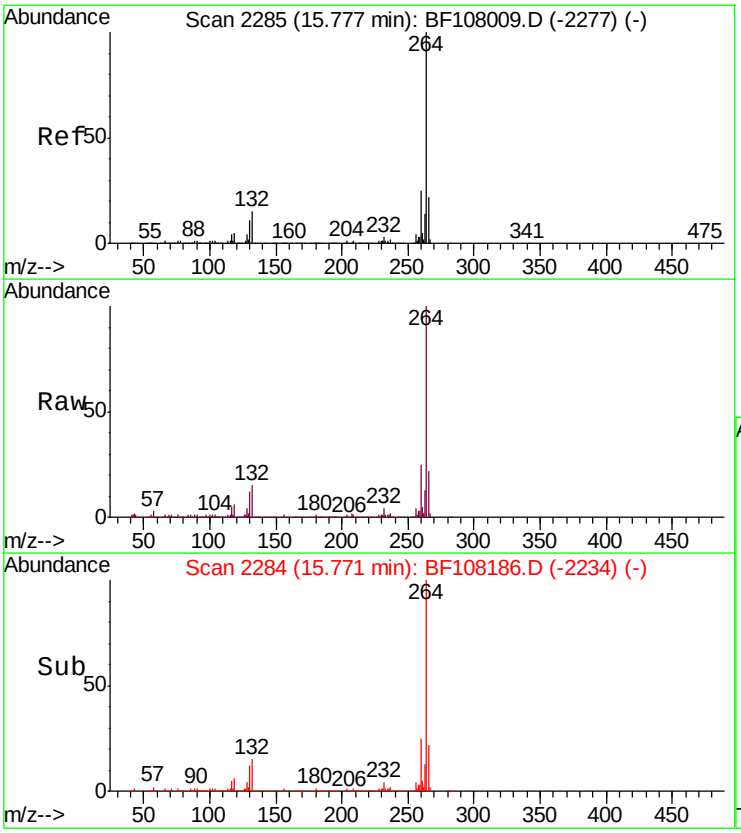
#78
Terphenyl-d14
Concen: 96.923 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion:244 Resp: 1658323

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:264 Resp: 434959

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.5	17.5	26.3