Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108431.D
Acq On : 23 Aug 2018 20:05
Operator : JU/SJ
Sample : PB112238BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112238BL

Quant Time: Aug 24 01:05:09 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	145197	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	555183	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	288906	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	594334	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	396187	20.00	ng	-0.01
86) Perylene-d12	15.74	264	295473	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	821487	102.43	ng	0.00
7) Phenol-d6	6.62	99	1107885	103.95	ng	-0.01
23) Nitrobenzene-d5	7.56	82	740748	74.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	331019	114.87	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1415685	78.67	ng	-0.01
78) Terphenyl-d14	13.12	244	1593134	102.24	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	99749	13.841	ng	# 82
25) Isophorone	7.56	82	734456	38.730	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	36918	8.768	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	36918	6.812	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	646	5.616	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	21755	3.368	ng	# 1

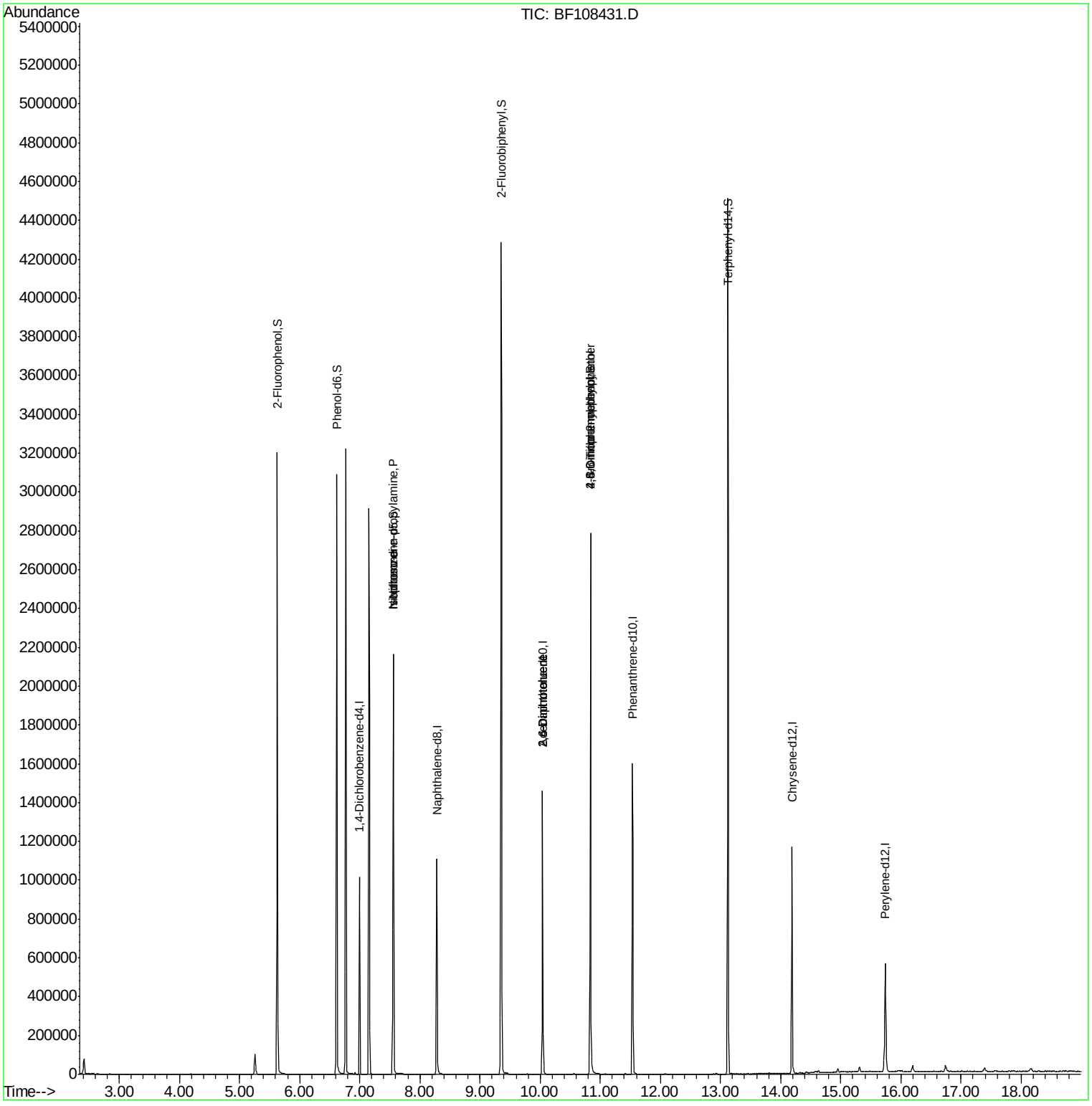
(#) = qualifier out of range (m) = manual integration (+) = signals summed

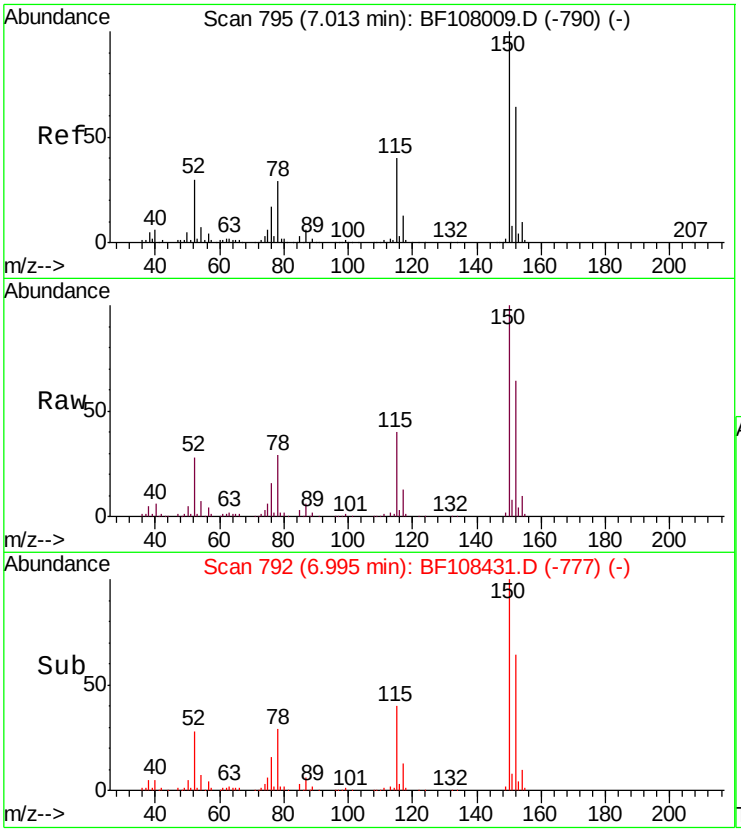
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108431.D
Acq On : 23 Aug 2018 20:05
Operator : JU/SJ
Sample : PB112238BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Quant Time: Aug 24 01:05:09 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



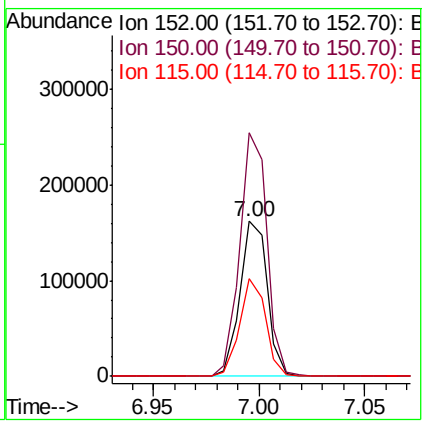


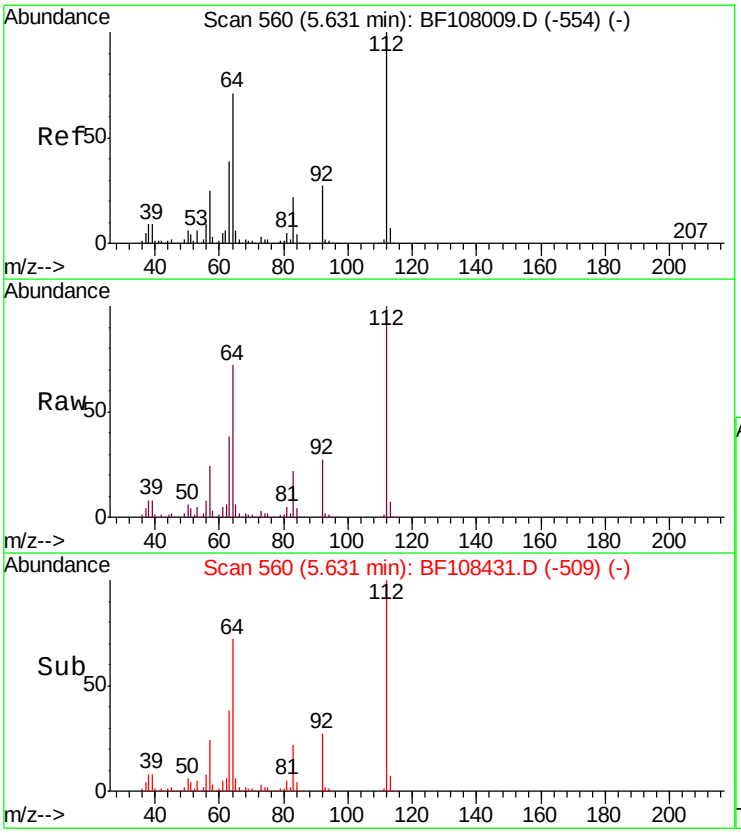
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Tgt Ion:152 Resp: 145197

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.1	50.1	75.1

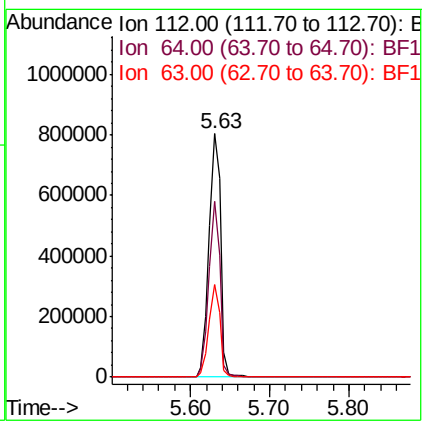


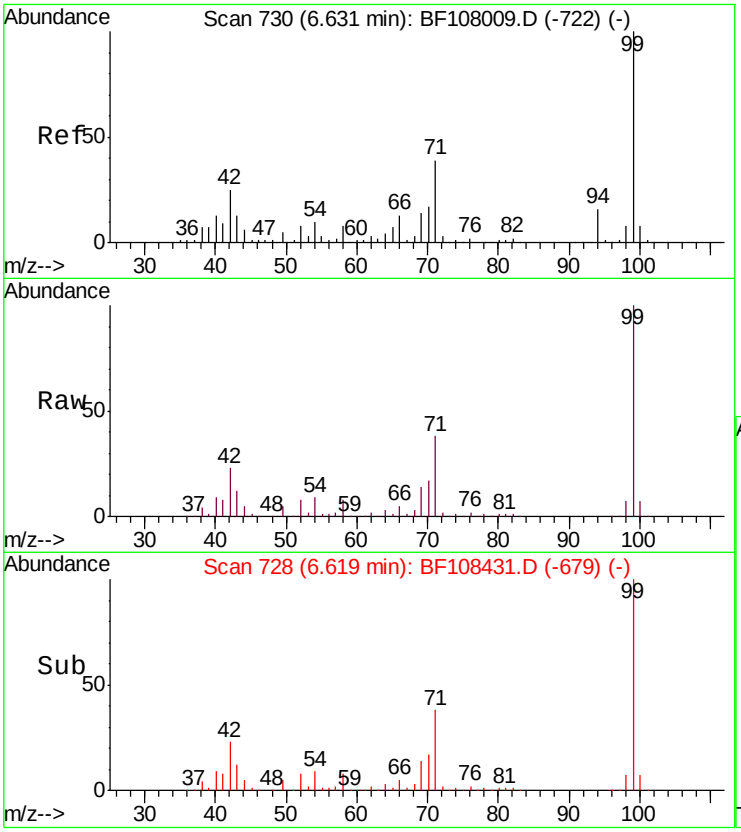


#5
2-Fluorophenol
Concen: 102.431 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Tgt Ion:112 Resp: 821487

Ion	Ratio	Lower	Upper
112	100		
64	72.1	47.9	71.9#
63	37.8	23.7	35.5#



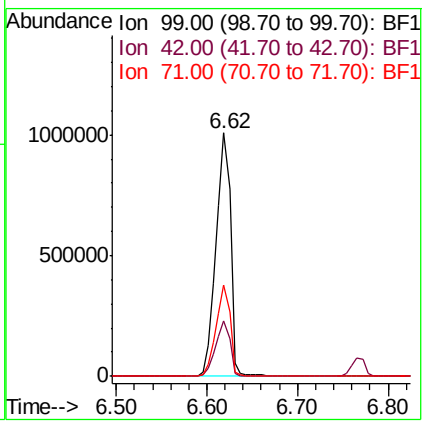


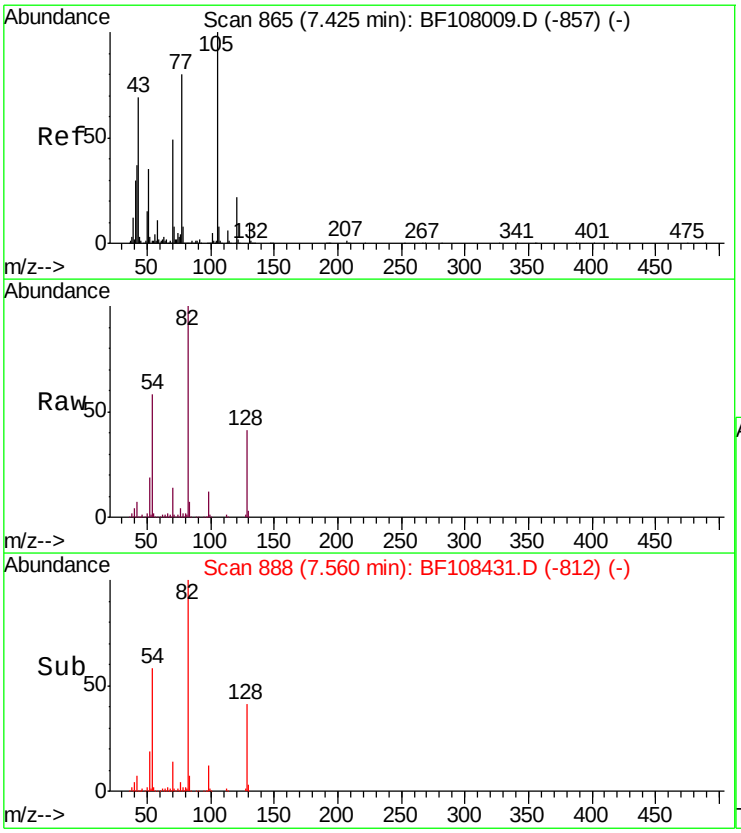
#7
Phenol-d6
Concen: 103.955 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Tgt Ion: 99 Resp: 1107885

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	37.7	25.4	38.0

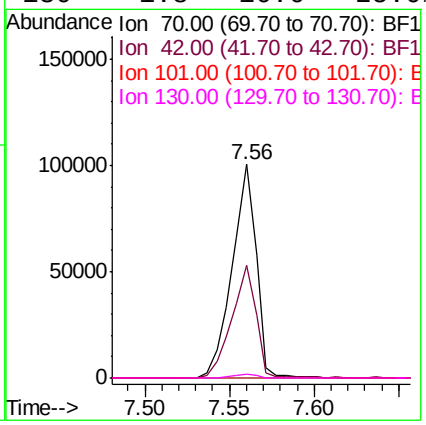


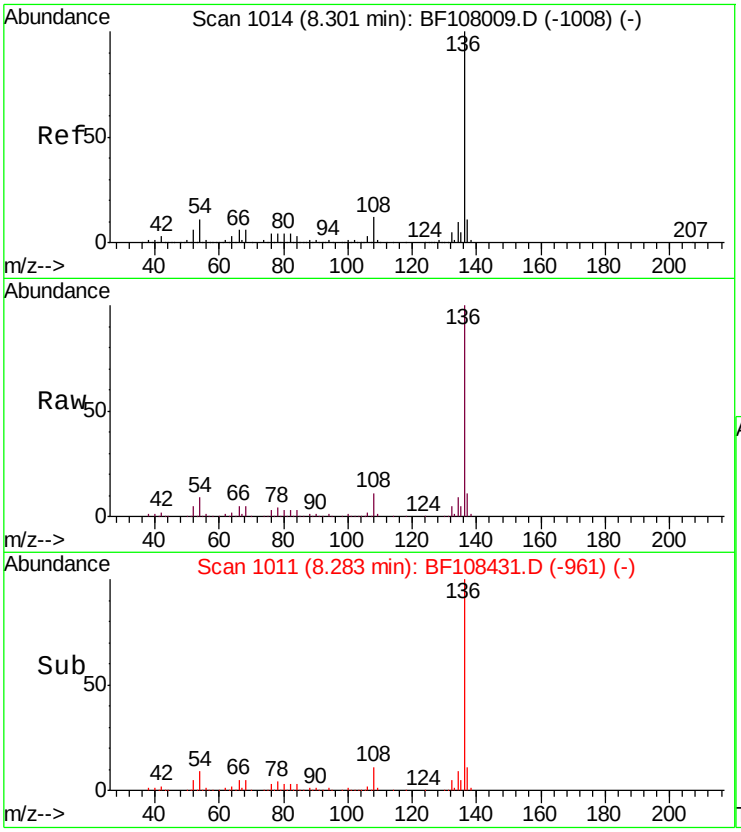


#19
n-Nitroso-di-n-propylamine
Concen: 13.841 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Tgt Ion: 70 Resp: 99749

Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



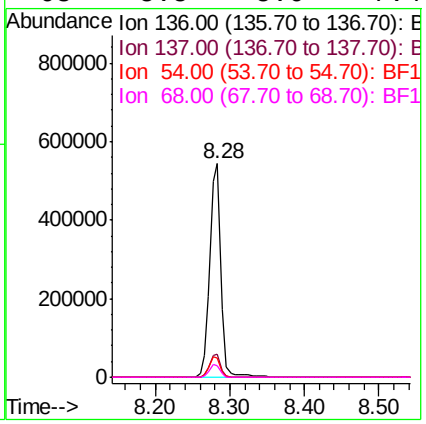


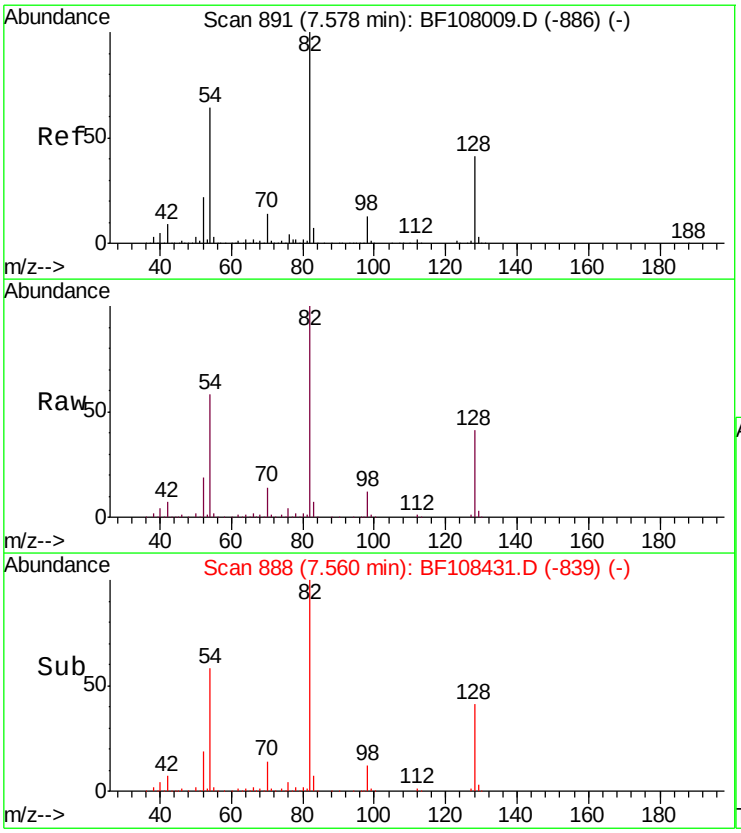
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Tgt Ion:136 Resp: 555183

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.1	6.6	9.8
68	5.5	5.0	7.4

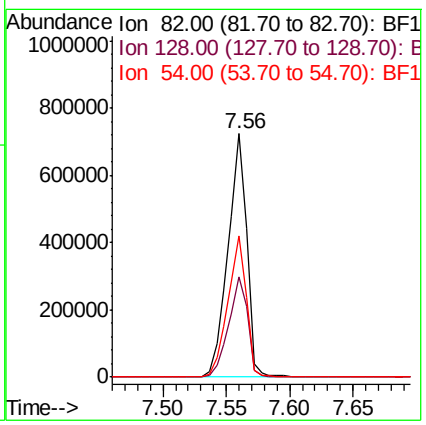


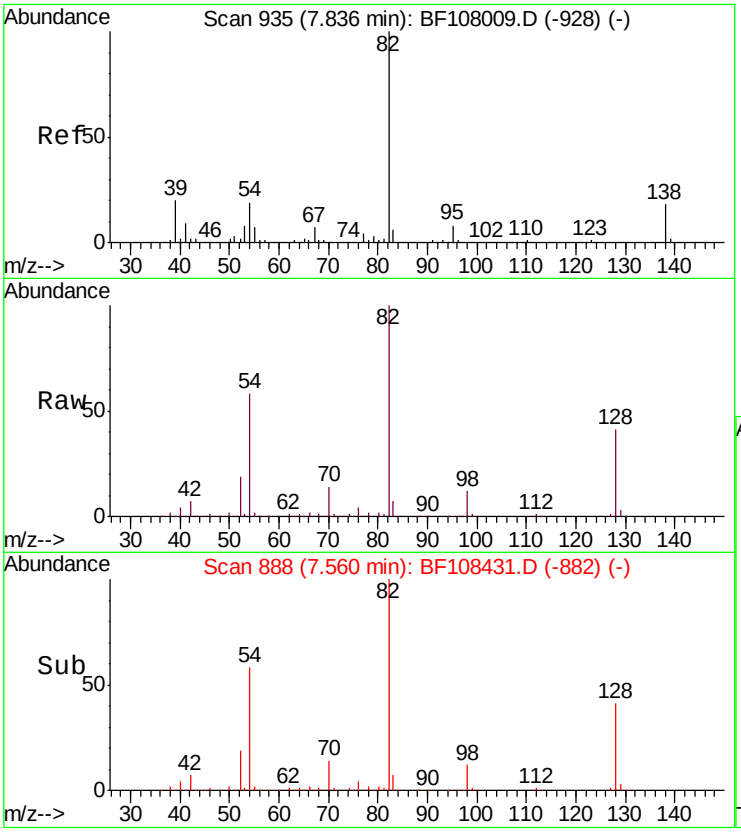


#23
Nitrobenzene-d5
Concen: 74.453 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Tgt Ion: 82 Resp: 740748

Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	58.1	41.4	62.2



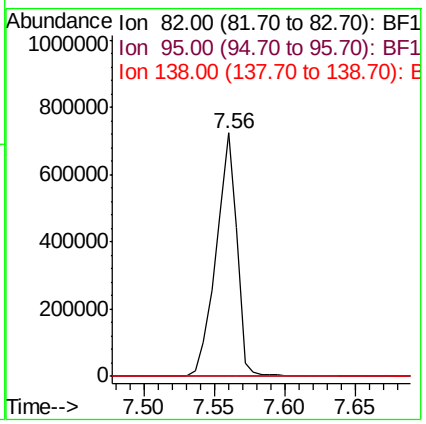


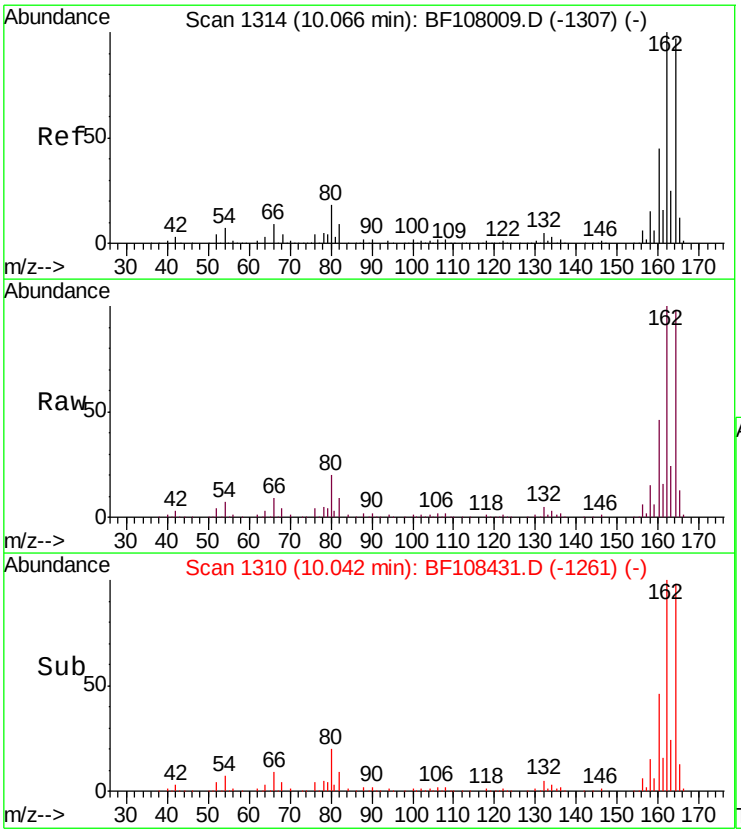
#25
Isophorone
Concen: 38.730 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Tgt Ion: 82 Resp: 734456

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

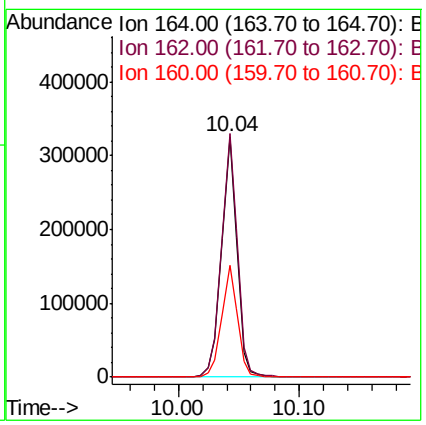


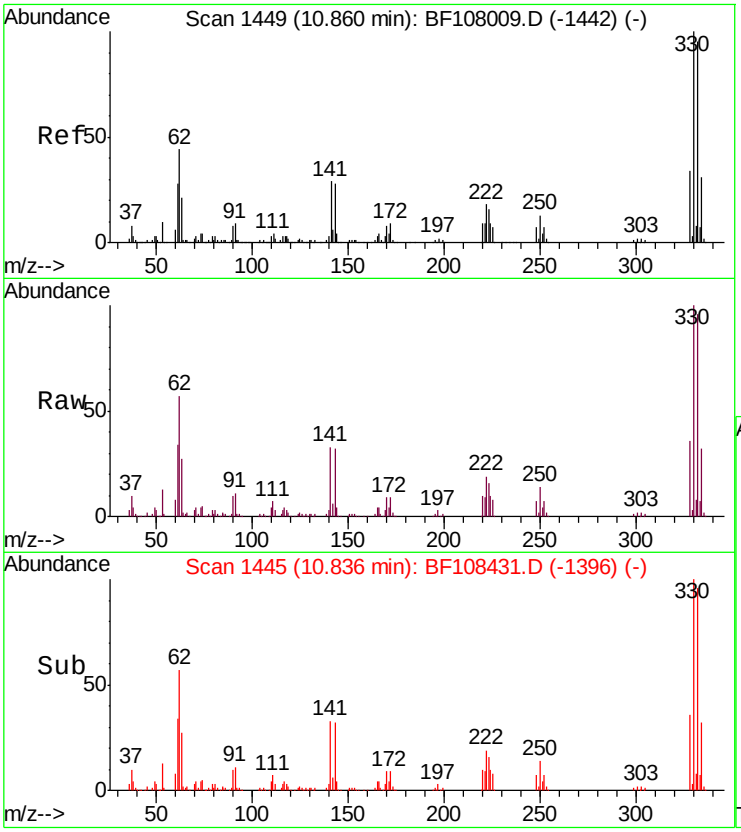


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Tgt Ion:164 Resp: 288906

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.8	38.3	57.5



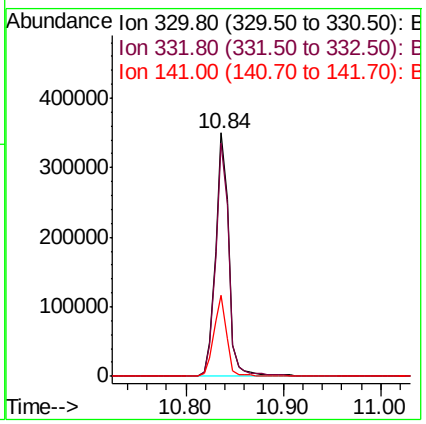


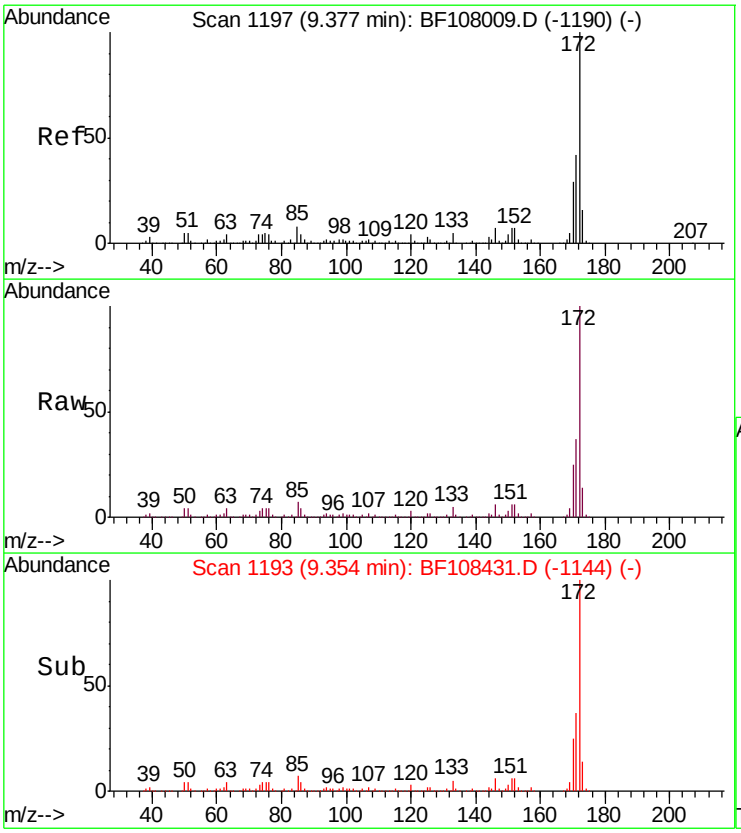
#41
2,4,6-Tribromophenol
Concen: 114.867 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Tgt Ion:330 Resp: 331019

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.4	29.9	44.9

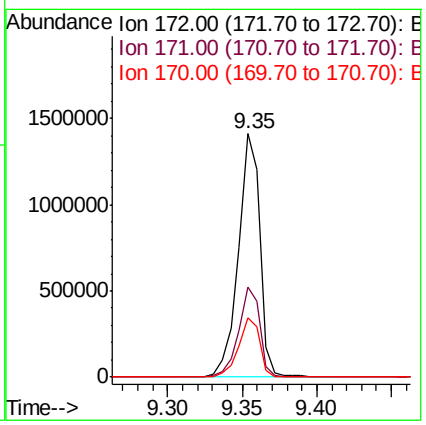


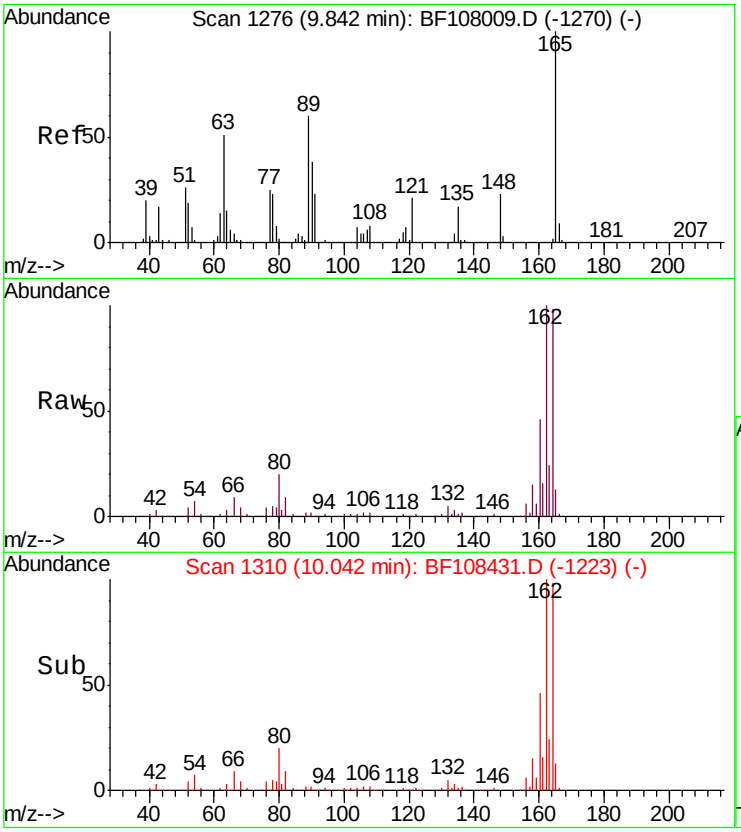


#44
2-Fluorobiphenyl
Concen: 78.671 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Tgt Ion:172 Resp: 1415685

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4



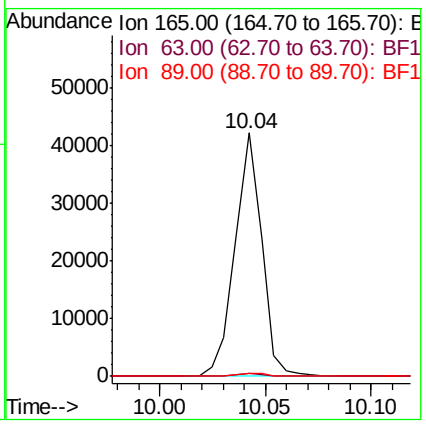


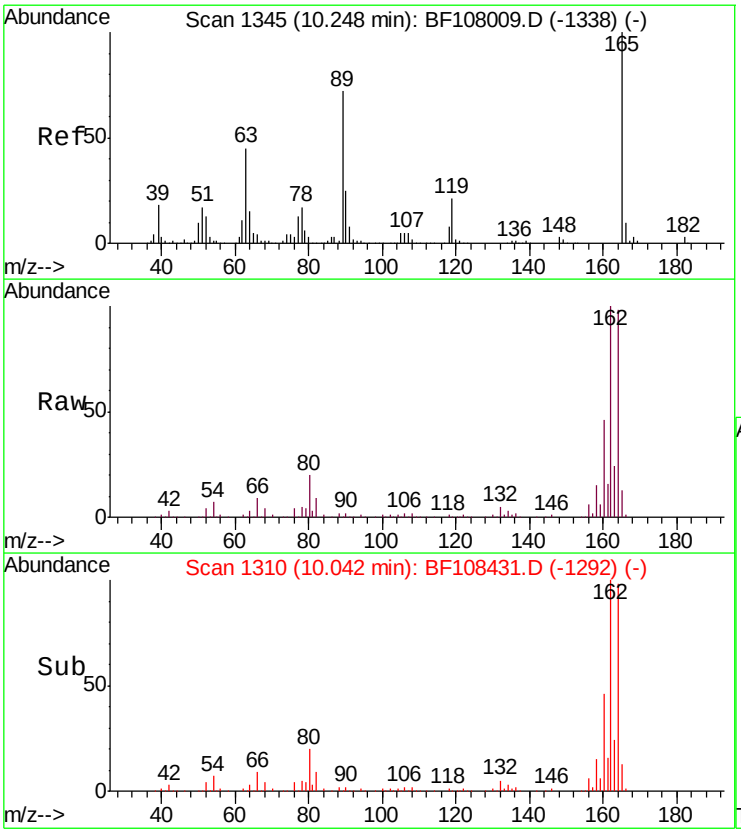
#50
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Tgt Ion:165 Resp: 36918

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#

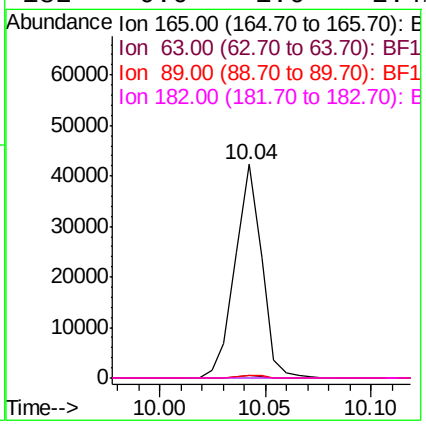


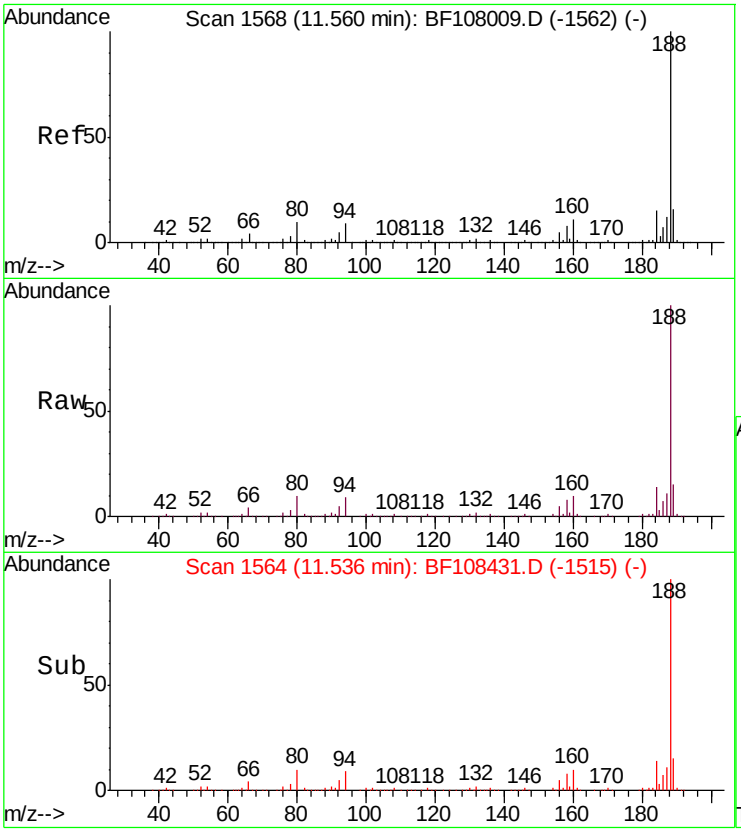


#56
2,4-Dinitrotoluene
Concen: 6.812 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Tgt Ion:165 Resp: 36918

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



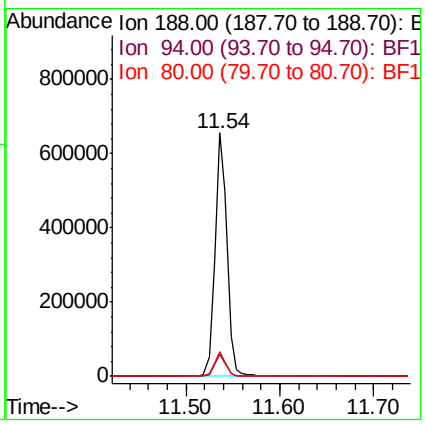


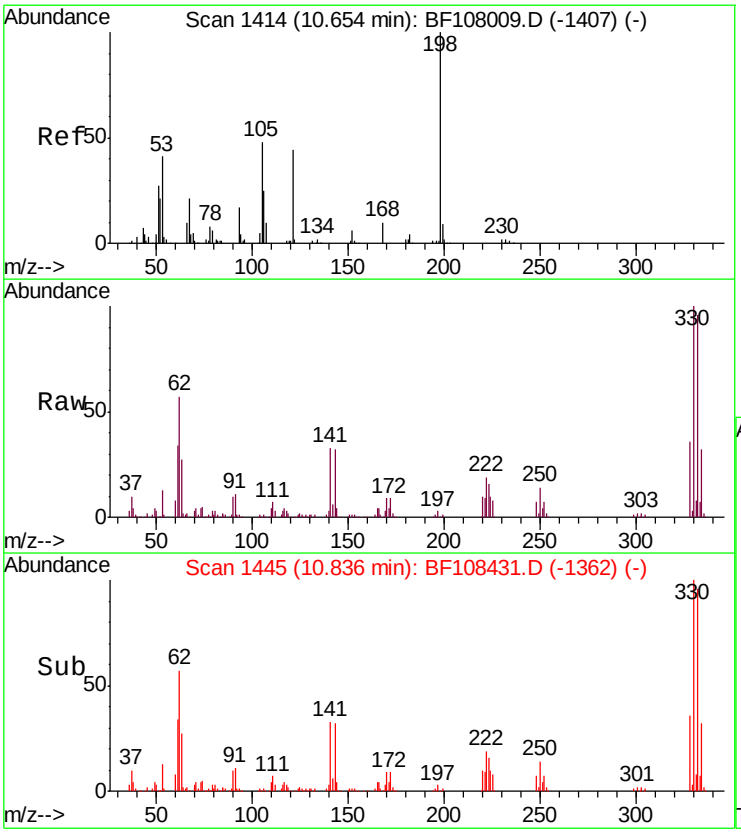
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Tgt Ion:188 Resp: 594334

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.0	9.2	13.8

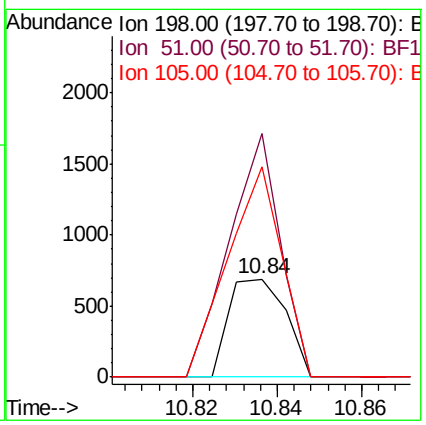


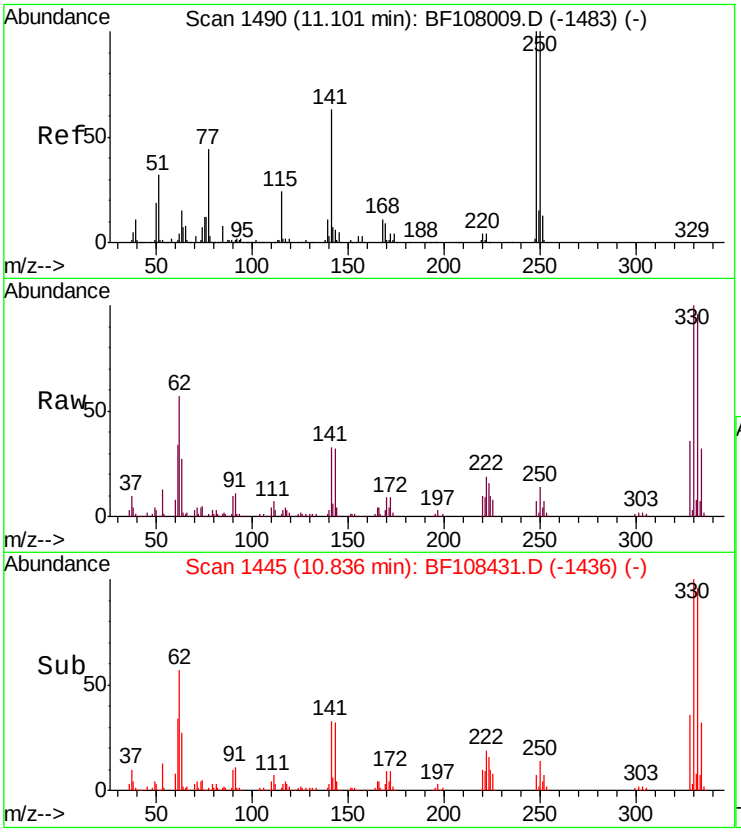


#64
4,6-Dinitro-2-methylphenol
Concen: 5.616 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Tgt Ion:198 Resp: 646

Ion	Ratio	Lower	Upper
198	100		
51	247.9	37.7	77.7#
105	214.6	36.3	76.3#



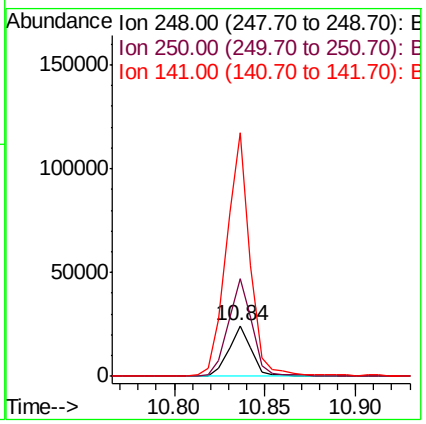


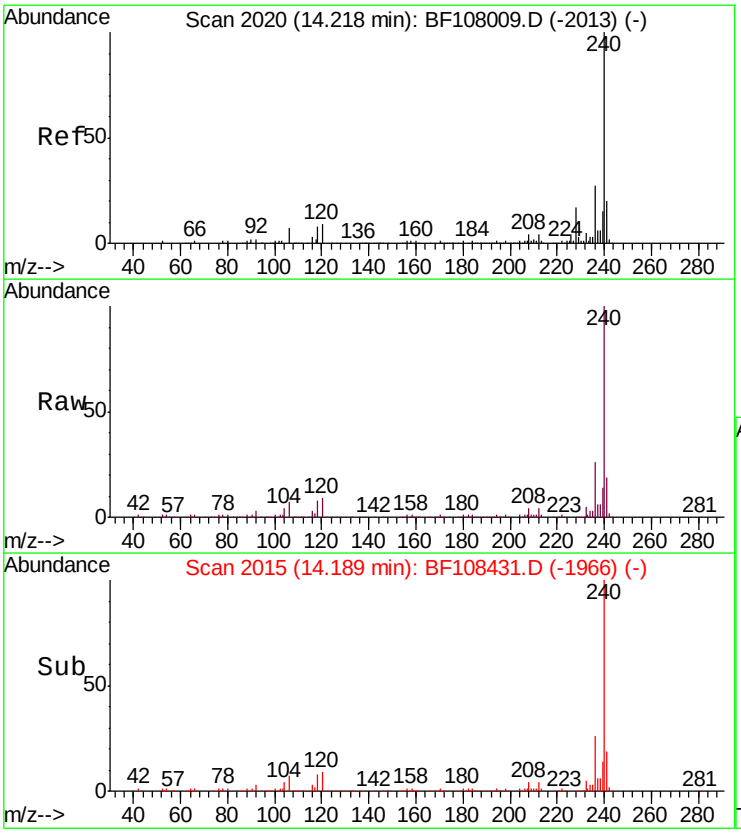
#66
4-Bromophenyl-phenylether
Concen: 3.368 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Tgt Ion:248 Resp: 21755

Ion	Ratio	Lower	Upper
248	100		
250	193.8	76.9	115.3#
141	480.3	74.4	111.6#

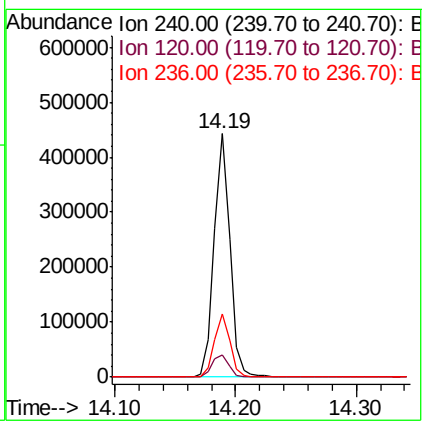


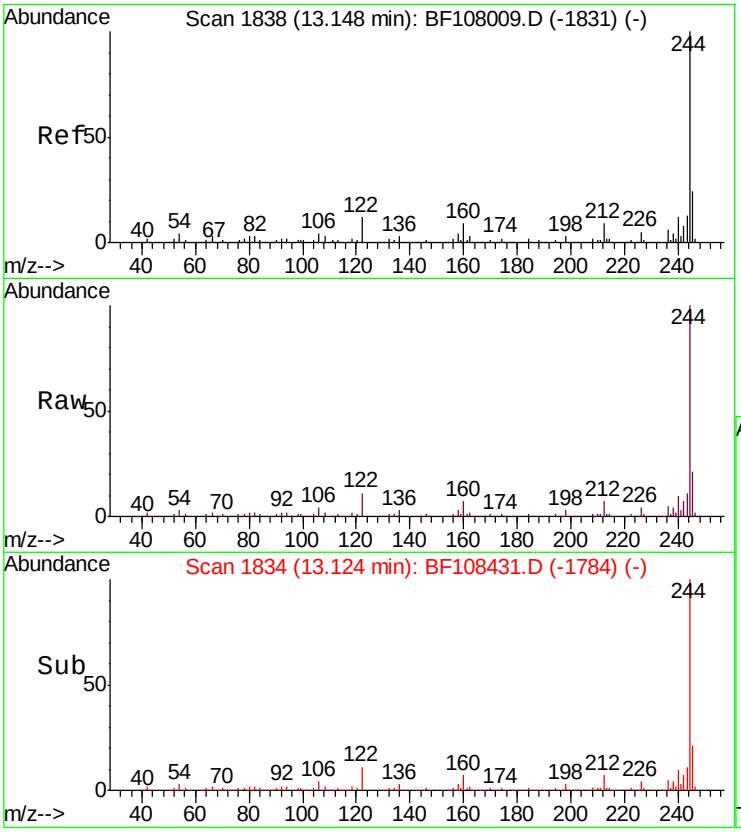


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Tgt Ion:240 Resp: 396187

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.9	20.7	31.1



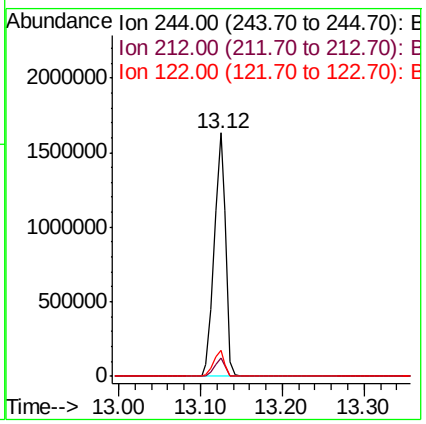


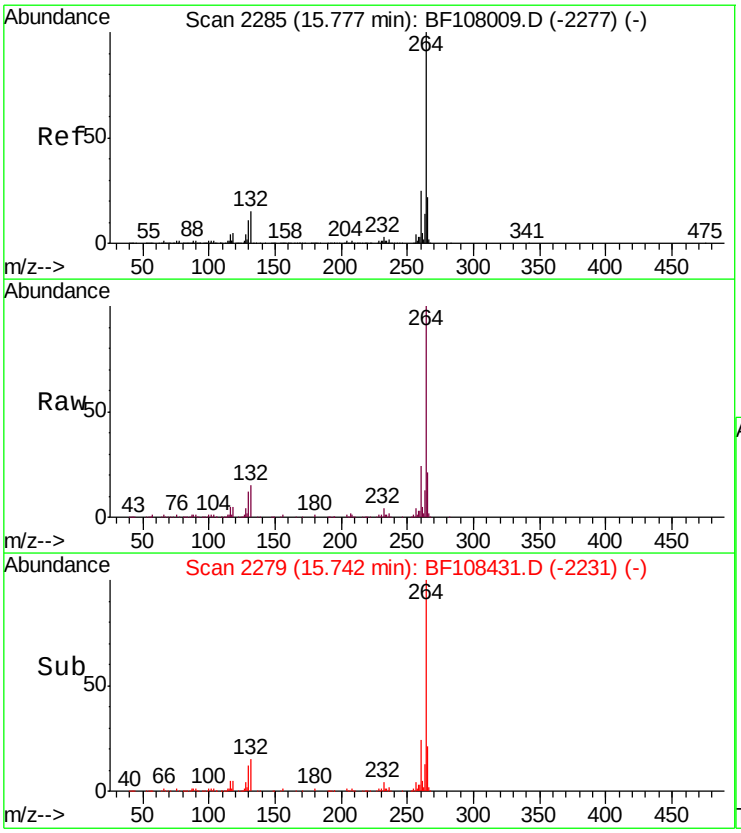
#78
Terphenyl-d14
Concen: 102.241 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108431.D
Acq: 23 Aug 2018 20:05

Instrument :
BNA_F
ClientSampleId :
PB112238BL

Tgt Ion:244 Resp: 1593134

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.7	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: BF108431.D
Acq: 23 Aug 2018 20:05

Tgt Ion:264 Resp: 295473

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3