Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
Data File : BF108065.D
Acq On : 9 Aug 2018 21:01
Operator : JU/SJ
Sample : J4383-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JTY-GW-05

Quant Time: Aug 10 01:10:48 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	303562	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1103057	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	513455	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	864186	20.00	ng		0.00
75) Chrysene-d12	14.21	240	703614	20.00	ng		0.00
86) Perylene-d12	15.78	264	550161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1113705	66.42	ng		0.00
7) Phenol-d6	6.62	99	967076	43.40	ng		0.00
23) Nitrobenzene-d5	7.58	82	1785587	90.33	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	642519	125.45	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2827256	88.40	ng		0.00
78) Terphenyl-d14	13.15	244	2621187	94.72	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	251581	16.697	ng	#	86
25) Isophorone	7.58	82	1780730	47.262	ng	#	64
32) Benzoic acid	7.98	122	7421	6.644	ng		86
49) Dimethylphthalate	9.77	163	242098	6.769	ng	#	99
55) 4-Nitrophenol	10.22	139	34342	5.539	ng	#	11
56) 2,4-Dinitrotoluene	10.06	165	66405	6.894	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.85	198	1747	5.837	ng	#	1
66) 4-Bromophenyl-phenylether	10.85	248	44409	4.729	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
Data File : BF108065.D
Acq On : 9 Aug 2018 21:01
Operator : JU/SJ
Sample : J4383-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
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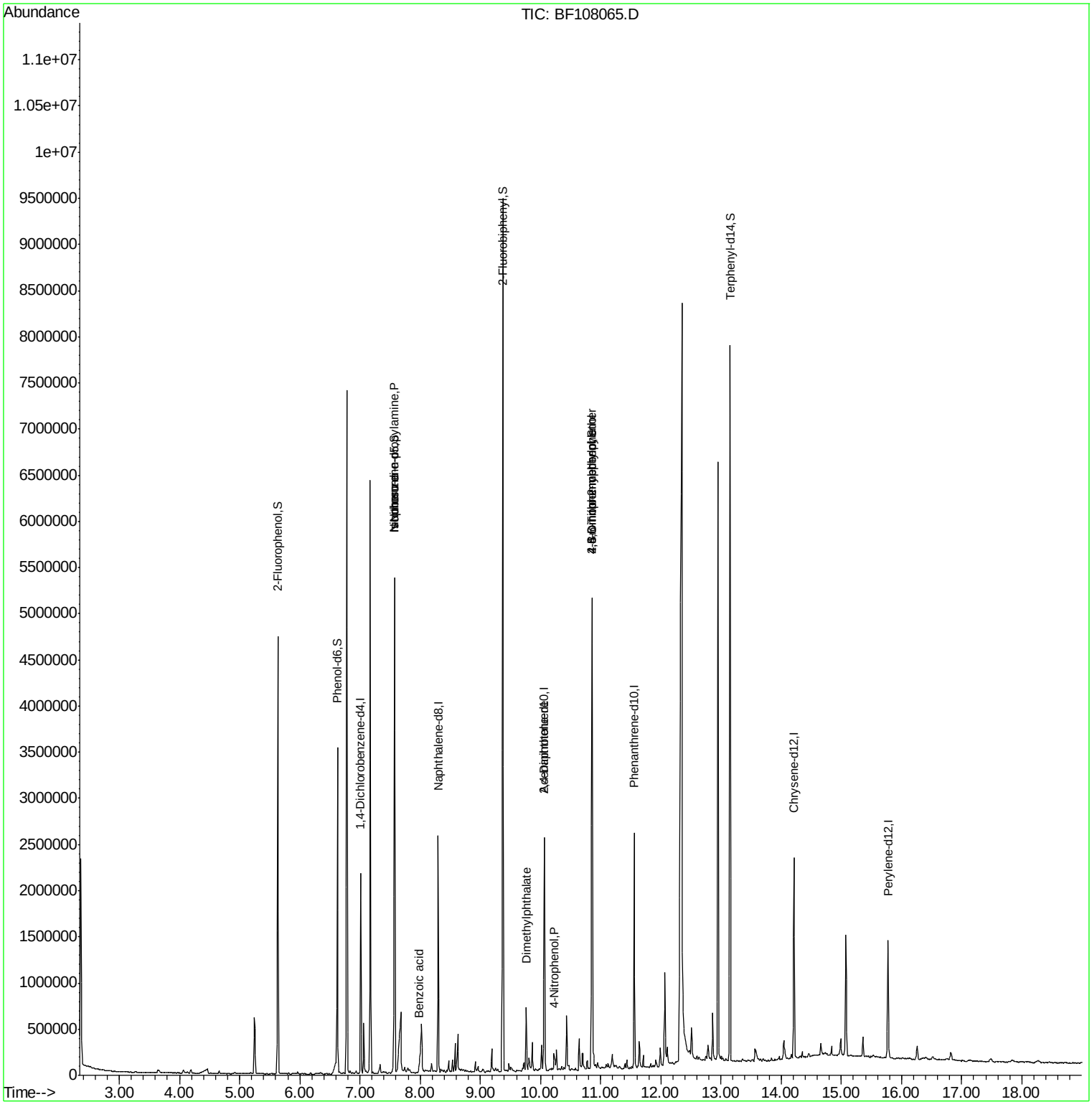
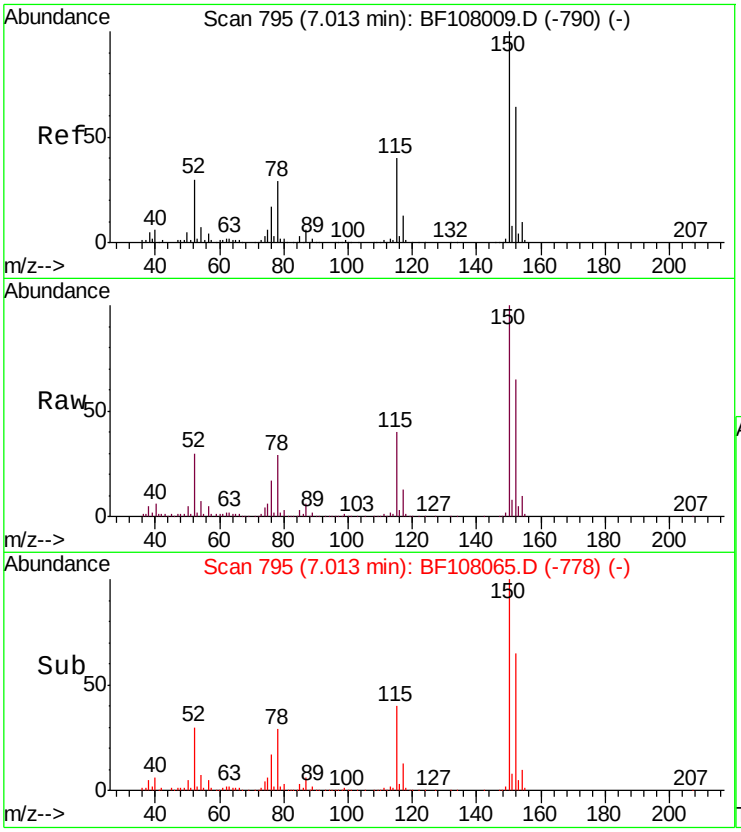


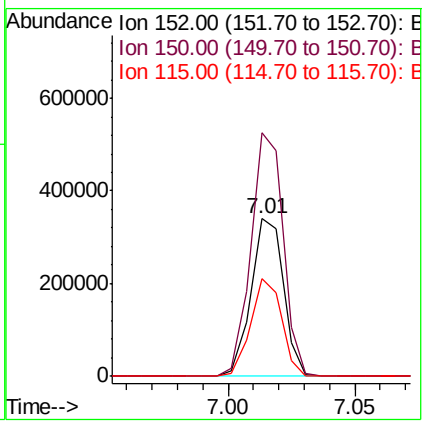


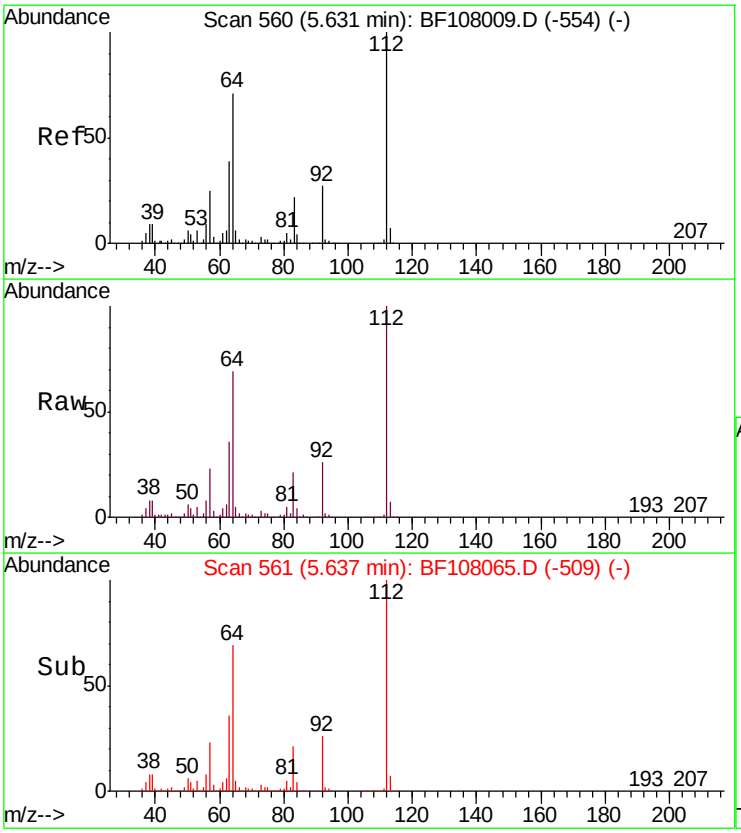
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:152 Resp: 303562

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.9	50.1	75.1

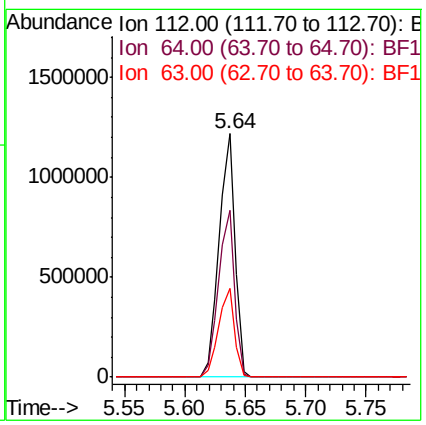


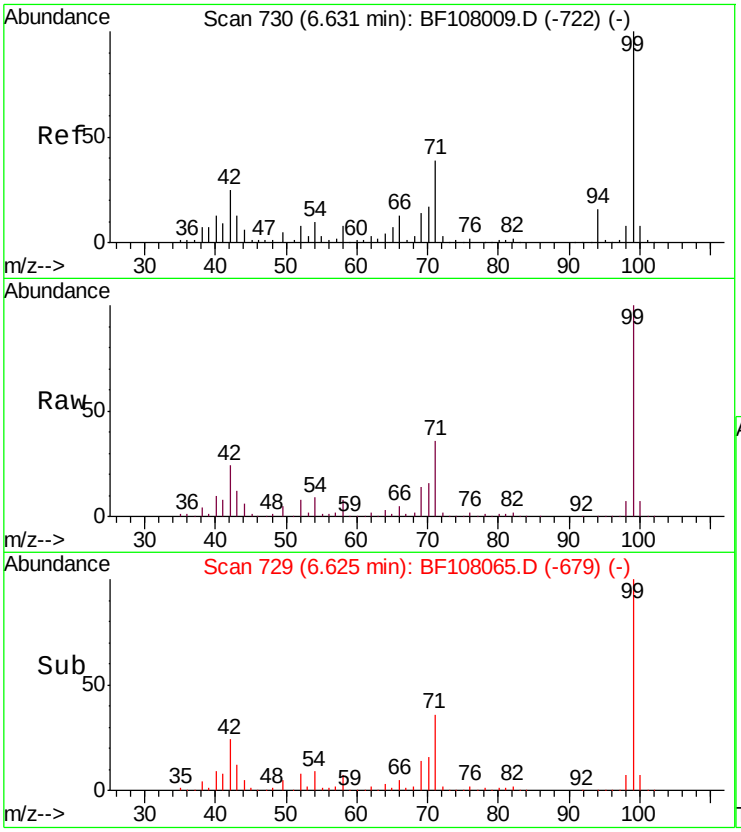


#5
2-Fluorophenol
Concen: 66.422 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:112 Resp: 1113705

Ion	Ratio	Lower	Upper
112	100		
64	68.7	47.9	71.9
63	36.4	23.7	35.5#



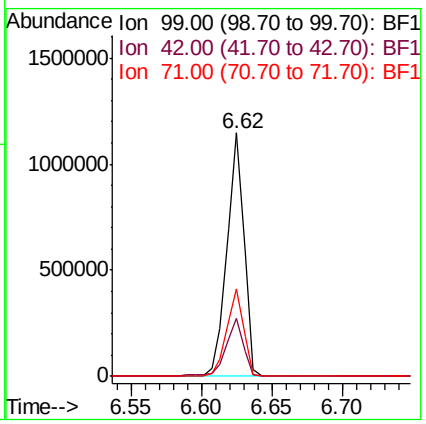


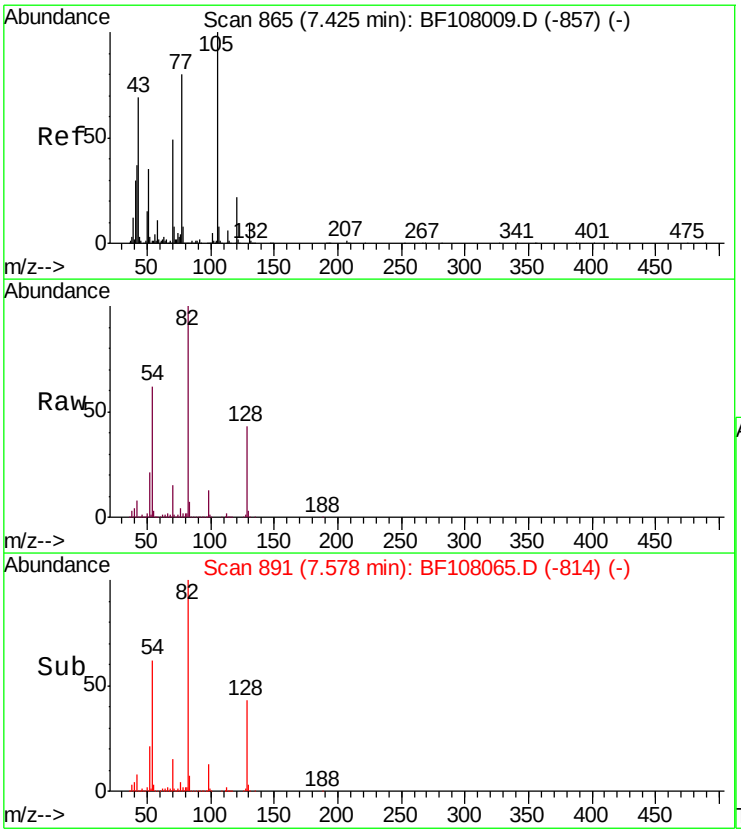
#7
Phenol-d6
Concen: 43.403 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion: 99 Resp: 967076

Ion	Ratio	Lower	Upper
99	100		
42	23.8	14.5	21.7#
71	36.0	25.4	38.0

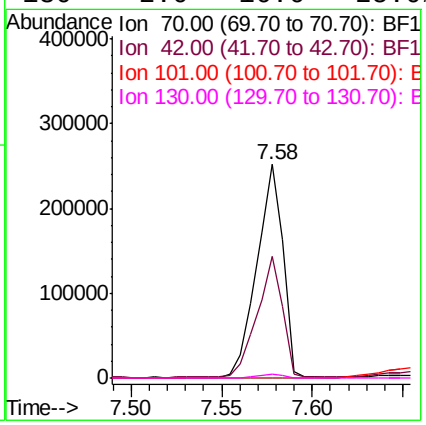


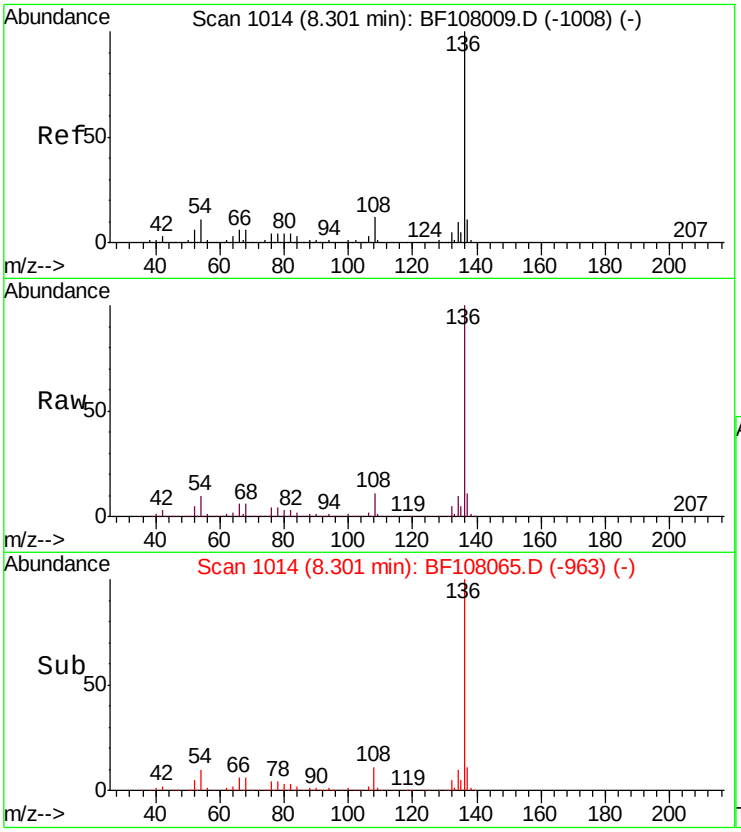


#19
n-Nitroso-di-n-propylamine
Concen: 16.697 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion: 70 Resp: 251581

Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



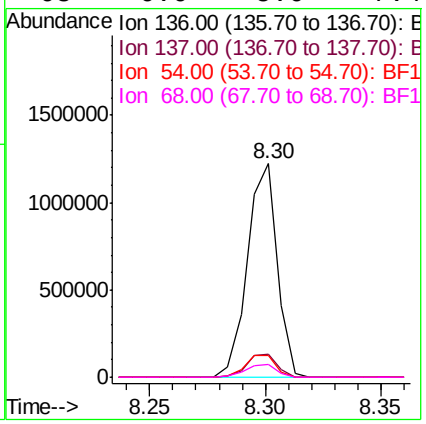


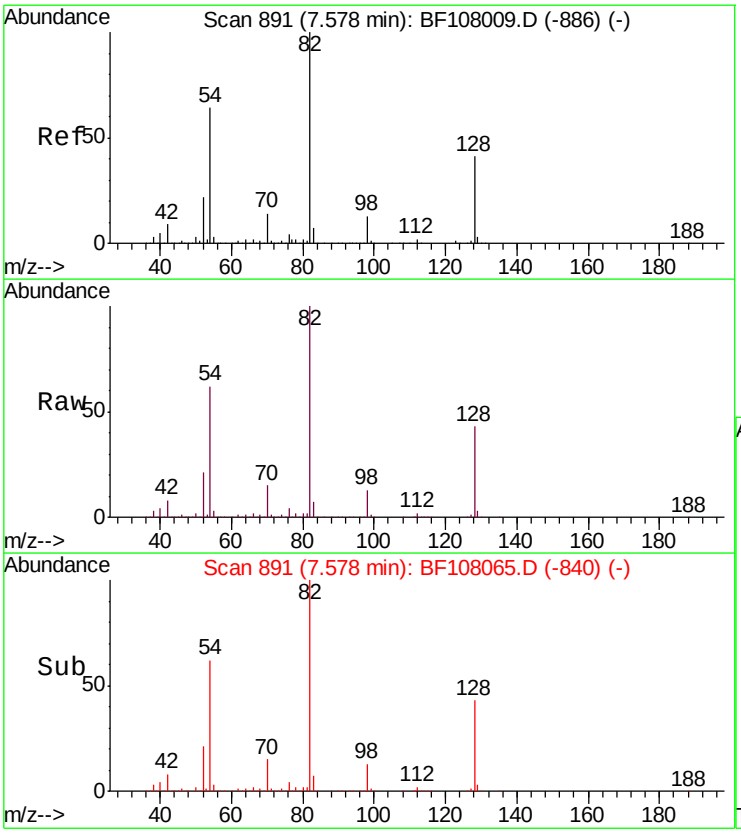
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:136 Resp: 1103057

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	6.6	9.8#
68	6.0	5.0	7.4

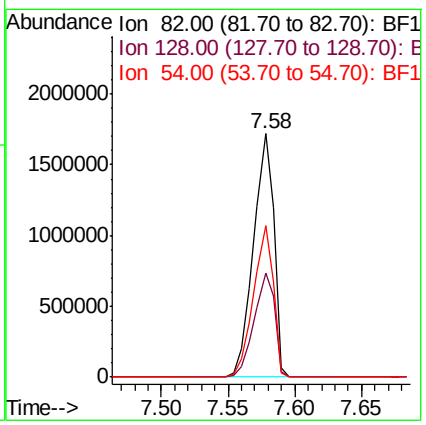


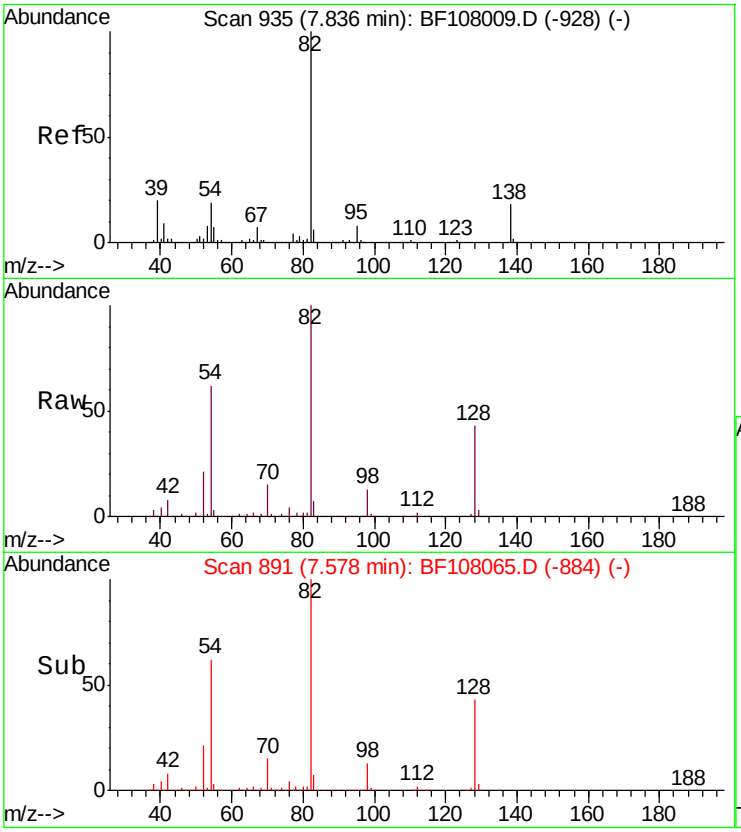


#23
Nitrobenzene-d5
Concen: 90.329 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion: 82 Resp: 1785587

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	62.0	41.4	62.2



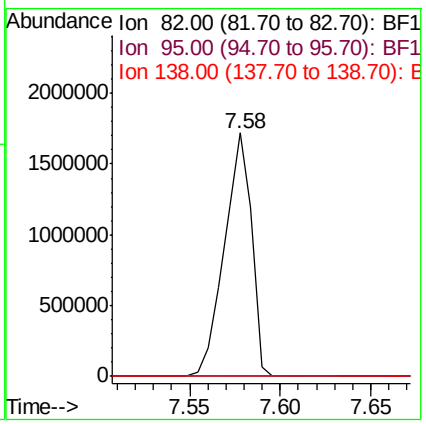


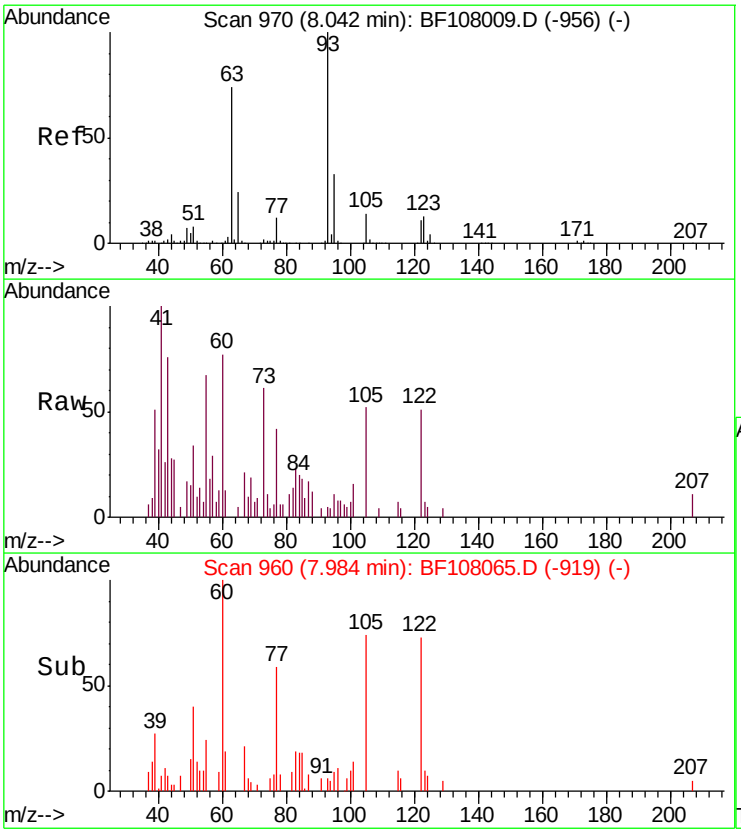
#25
Isophorone
Concen: 47.262 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion: 82 Resp: 1780730

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

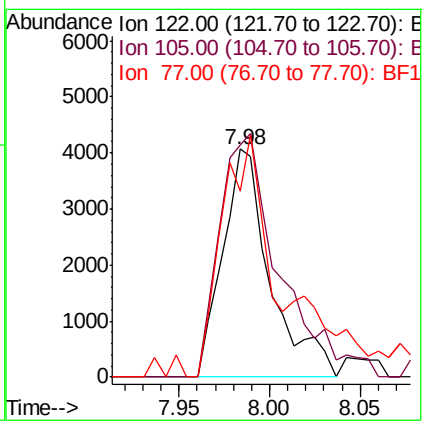


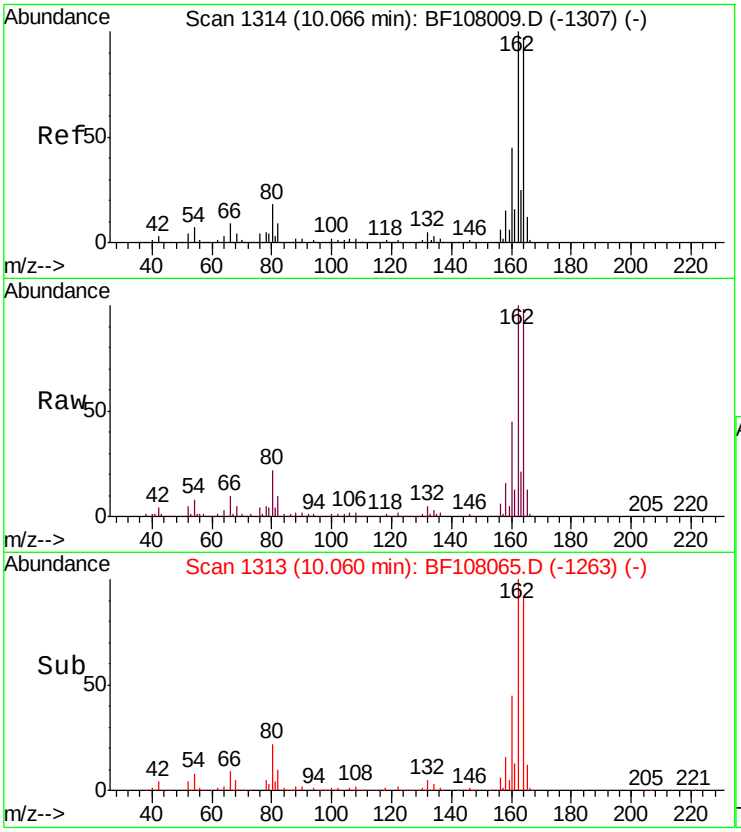


#32
Benzoic acid
Concen: 6.644 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:122 Resp: 7421

Ion	Ratio	Lower	Upper
122	100		
105	101.6	101.1	141.1
77	81.5	70.7	110.7



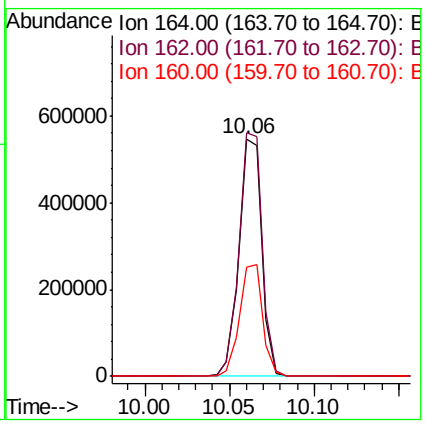


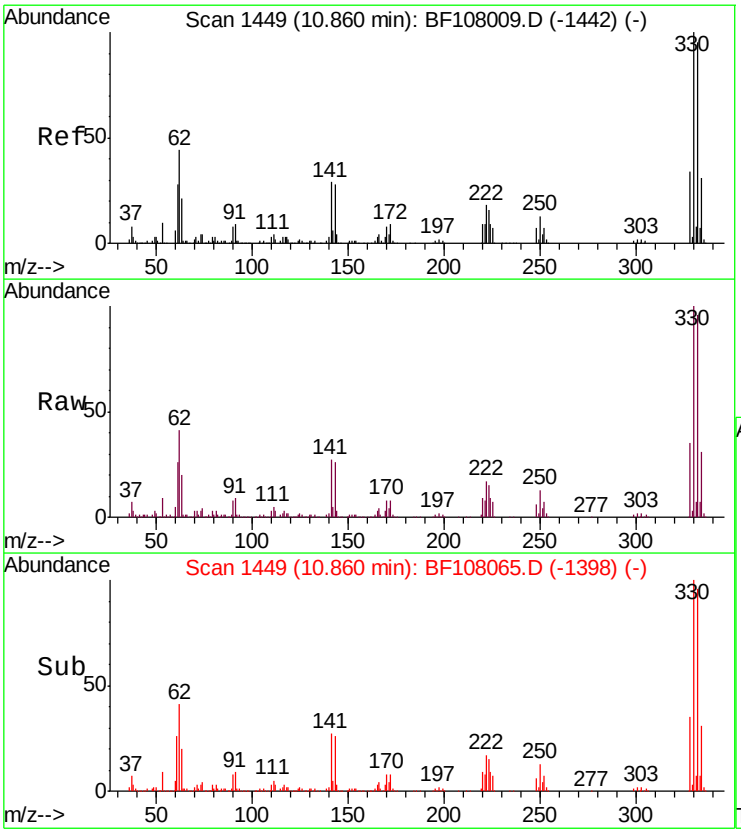
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:164 Resp: 513455

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.2	38.3	57.5

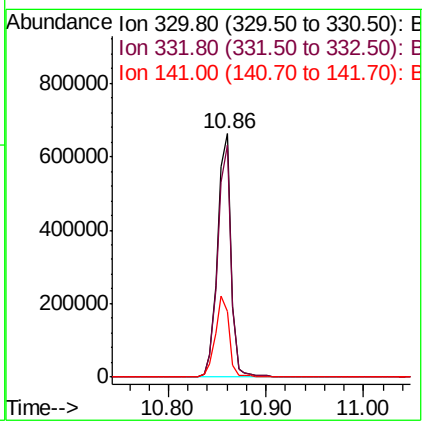


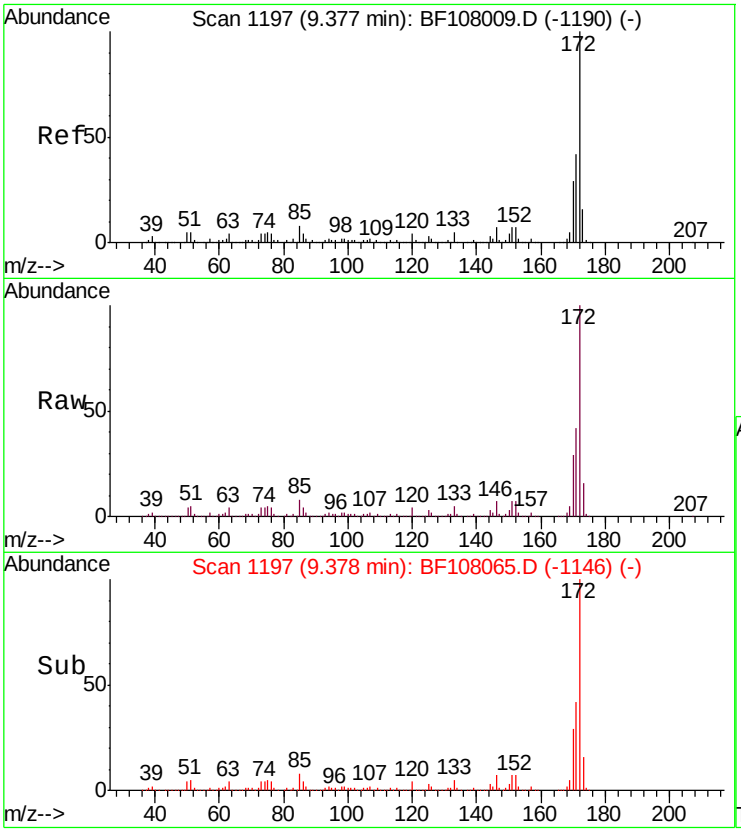


#41
2,4,6-Tribromophenol
Concen: 125.453 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:330 Resp: 642519

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	34.0	29.9	44.9



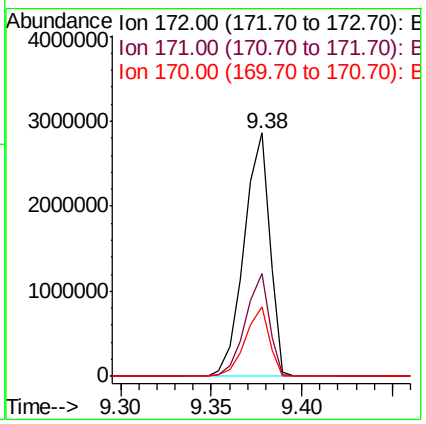


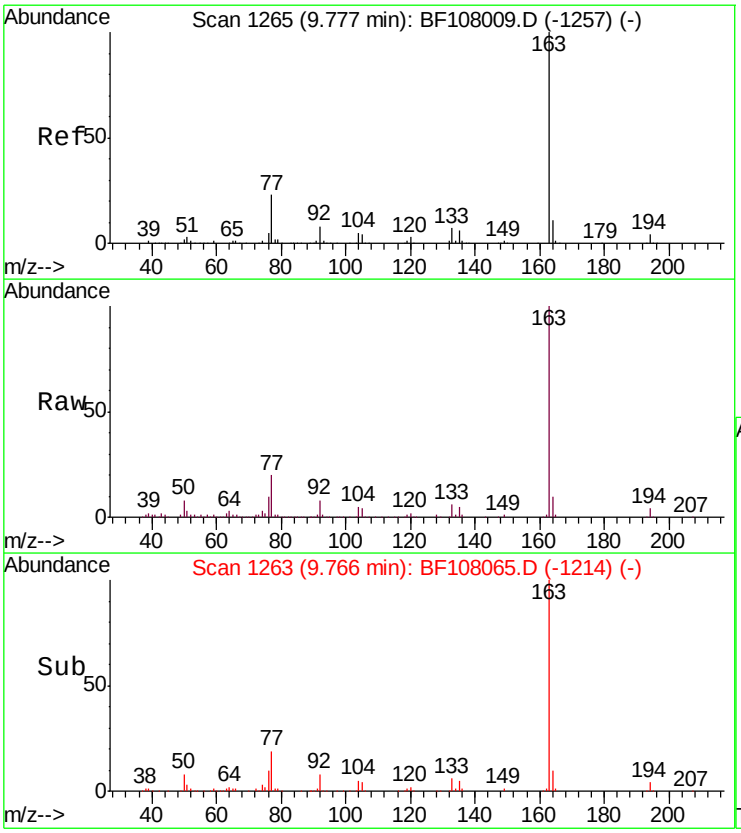
#44
2-Fluorobiphenyl
Concen: 88.403 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:172 Resp: 2827256

Ion	Ratio	Lower	Upper
172	100		
171	42.1	29.7	44.5
170	28.7	19.6	29.4

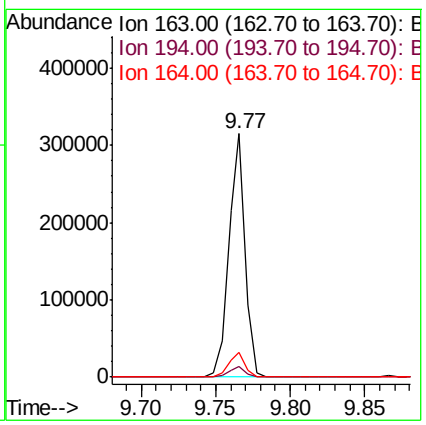


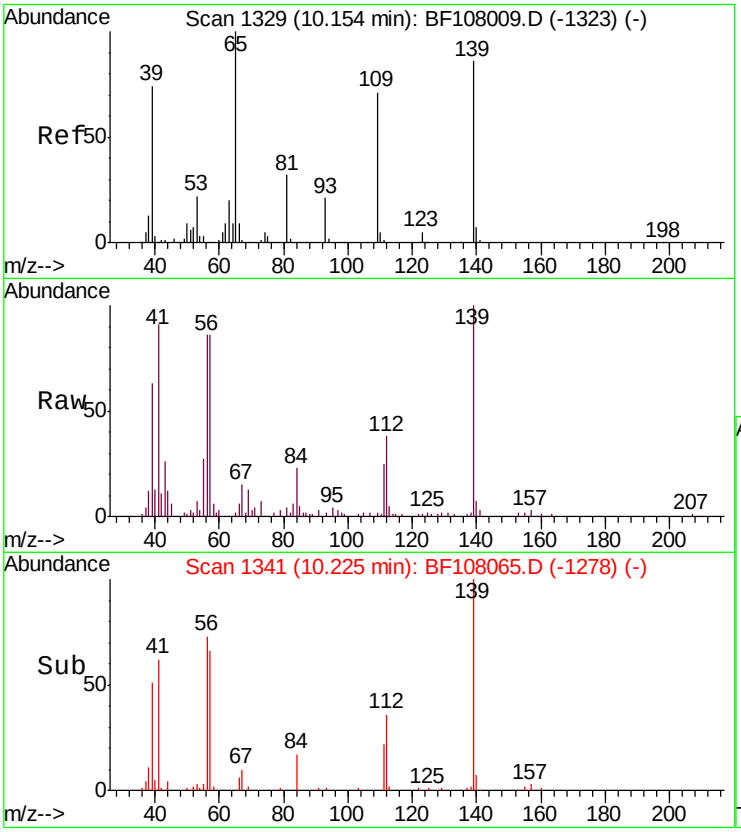


#49
Dimethylphthalate
Concen: 6.769 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:163 Resp: 242098

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.4	8.2	12.2



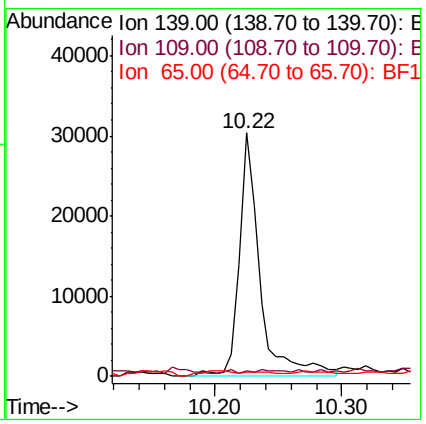


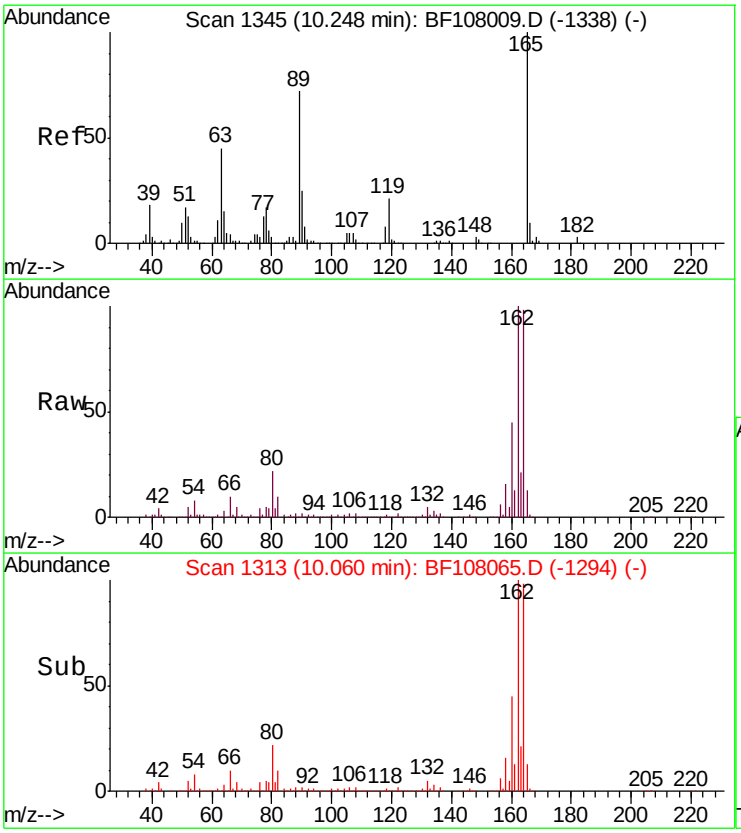
#55
4-Nitrophenol
Concen: 5.539 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:139 Resp: 34342

Ion	Ratio	Lower	Upper
139	100		
109	2.1	48.4	88.4#
65	1.6	72.6	112.6#

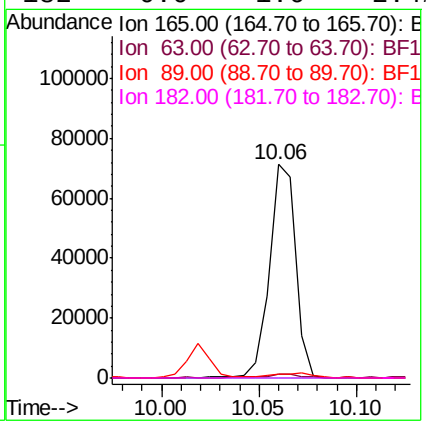


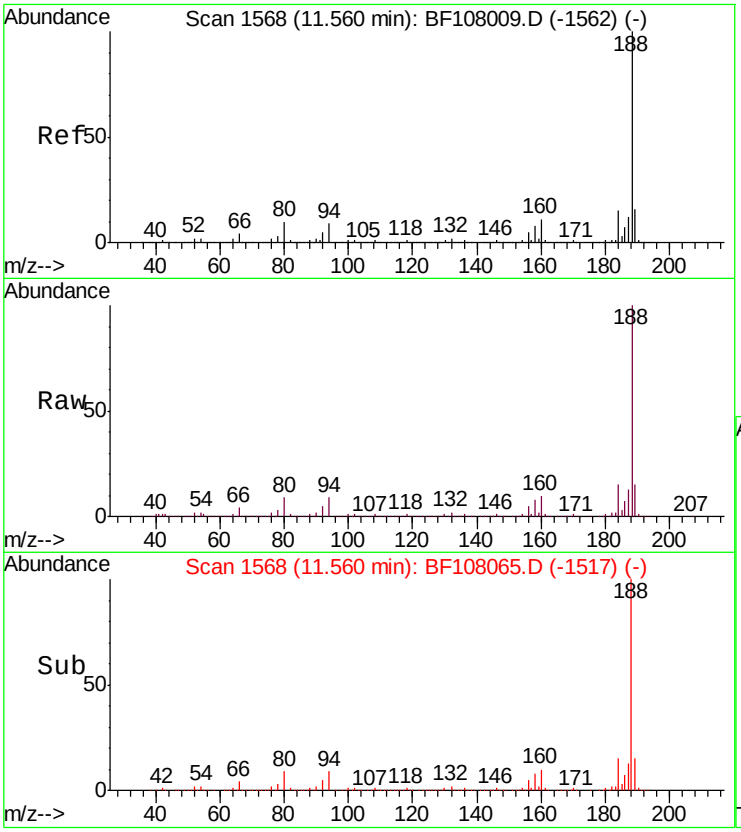


#56
2,4-Dinitrotoluene
Concen: 6.894 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:165 Resp: 66405

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



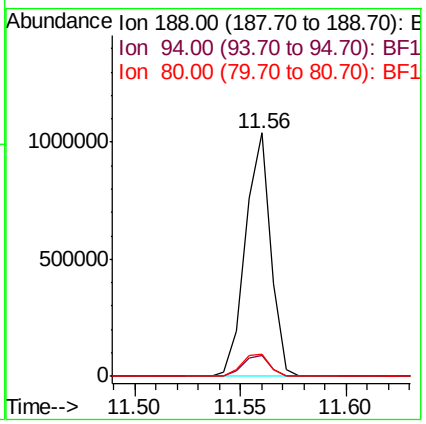


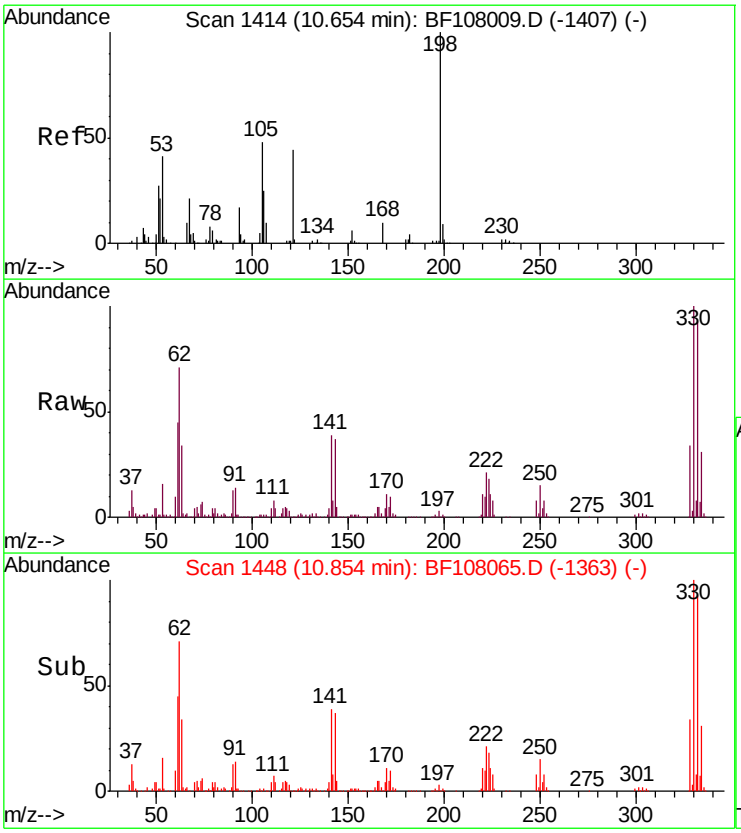
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:188 Resp: 864186

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

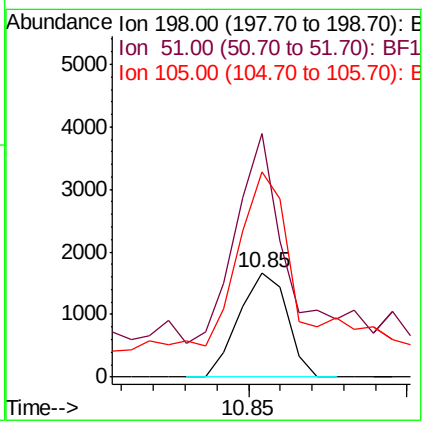


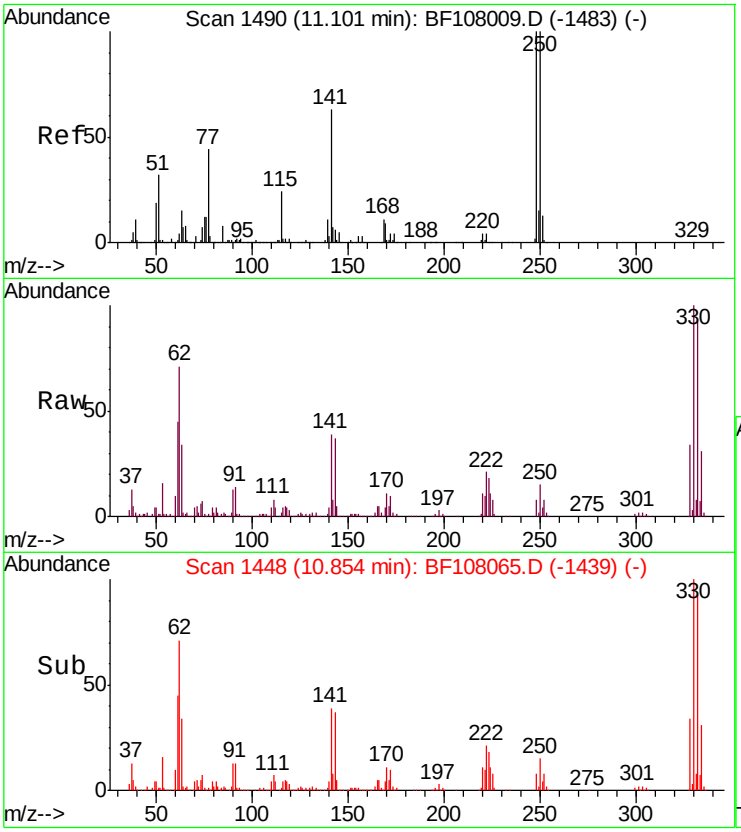


#64
4,6-Dinitro-2-methylphenol
Concen: 5.837 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:198 Resp: 1747

Ion	Ratio	Lower	Upper
198	100		
51	233.3	37.7	77.7#
105	196.2	36.3	76.3#



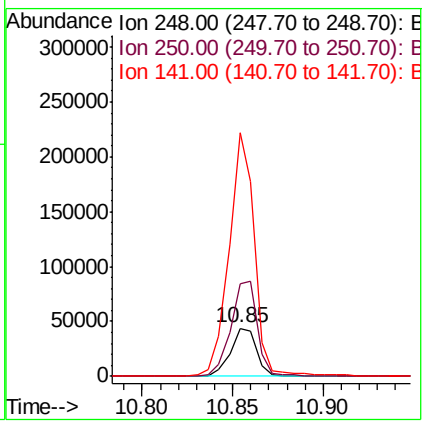


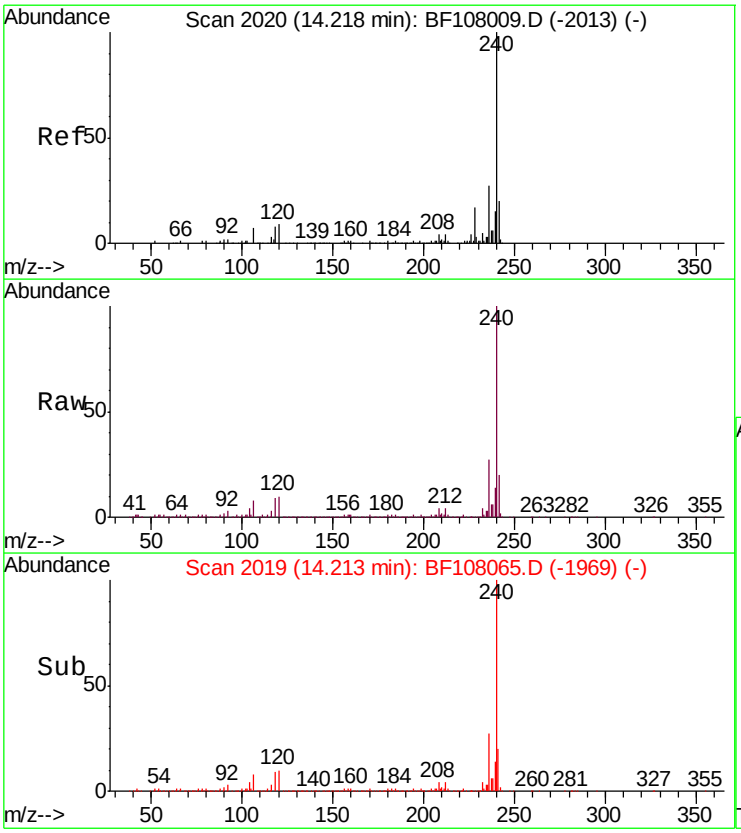
#66
4-Bromophenyl-phenylether
Concen: 4.729 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:248 Resp: 44409

Ion	Ratio	Lower	Upper
248	100		
250	191.6	76.9	115.3#
141	507.3	74.4	111.6#

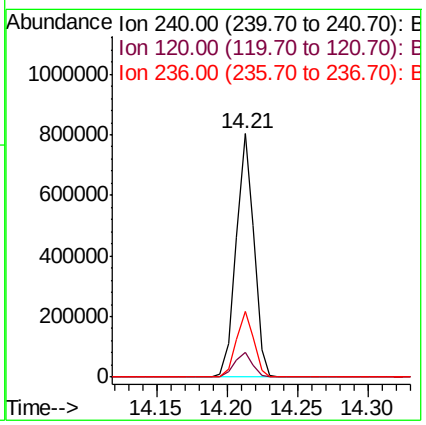


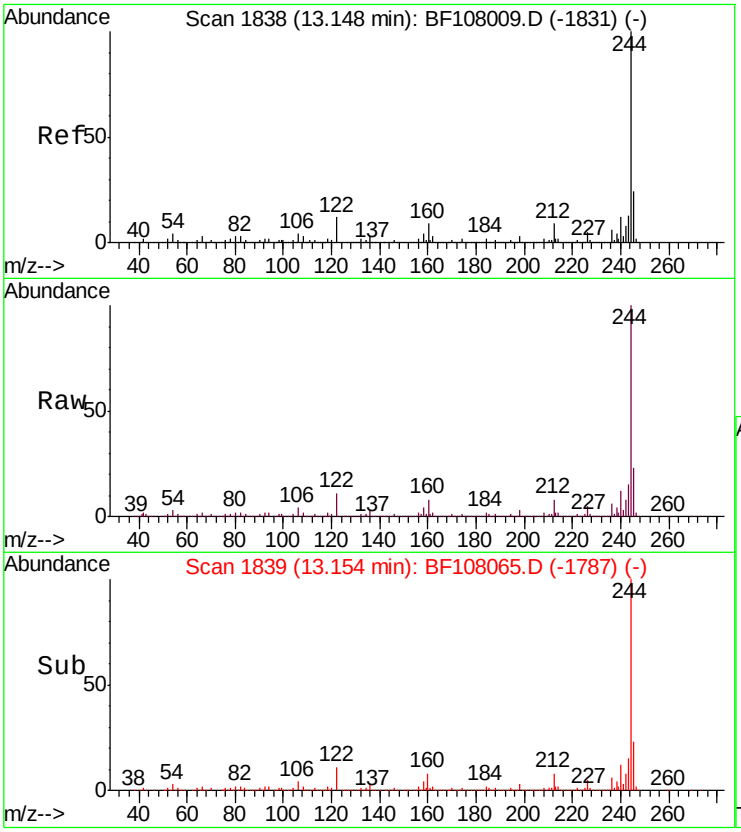


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:240 Resp: 703614

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	27.2	20.7	31.1



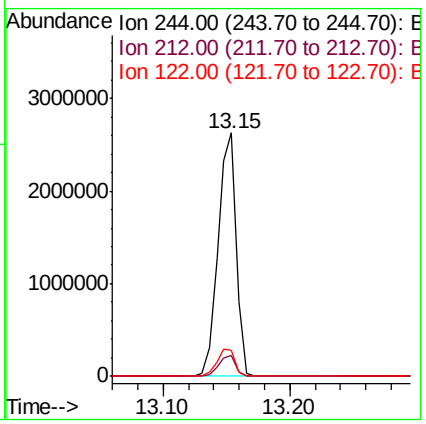


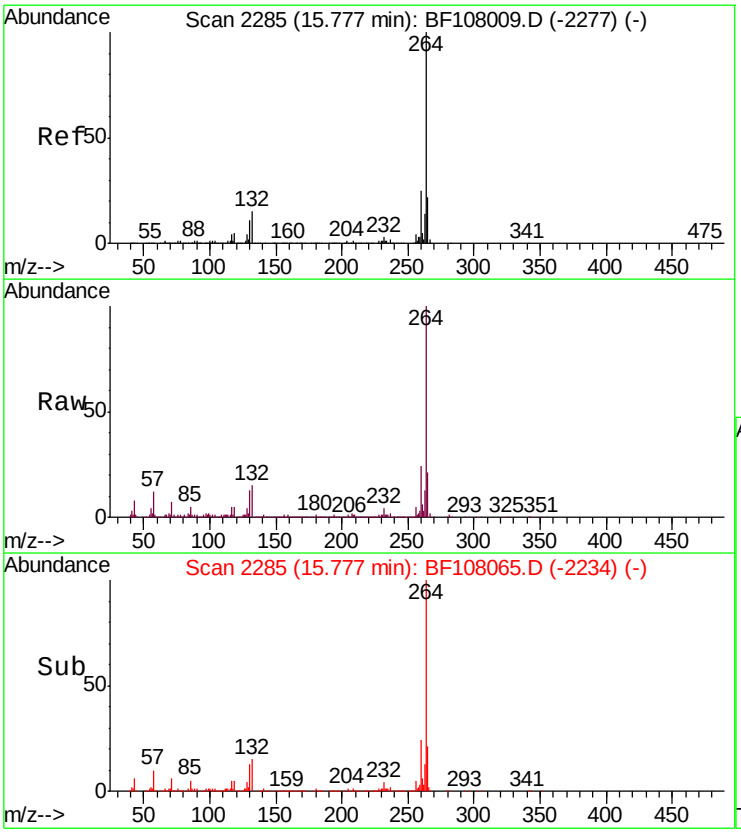
#78
Terphenyl-d14
Concen: 94.719 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:244 Resp: 2621187

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.4	8.0#
122	10.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:264 Resp: 550161

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3