Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104558.D
Acq On : 17 Apr 2018 2:38
Operator : JU/SJ
Sample : J2360-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-WS-003

Quant Time: Apr 17 03:12:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	153887	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	605364	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	246220	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	353207	20.00	ng		0.00
75) Chrysene-d12	13.99	240	286588	20.00	ng		0.00
86) Perylene-d12	15.45	264	216785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	893778	88.81	ng		0.01
7) Phenol-d6	6.45	99	1089783	88.13	ng		0.00
23) Nitrobenzene-d5	7.37	82	678827	73.22	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	196486	76.93	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1138898	73.07	ng		0.00
78) Terphenyl-d14	12.93	244	797846	63.47	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1761	Below Cal		#	1
10) Phenol	6.46	94	39843	3.037	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	87513	10.830	ng	#	74
25) Isophorone	7.37	82	676371	34.501	ng	#	64
49) Dimethylphthalate	9.56	163	140246	7.223	ng		99
56) 2,4-Dinitrotoluene	9.85	165	31510	6.686	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	299	7.494	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	11694	3.113	ng	#	1
76) Benzidine	12.93	184	10402	Below Cal			98

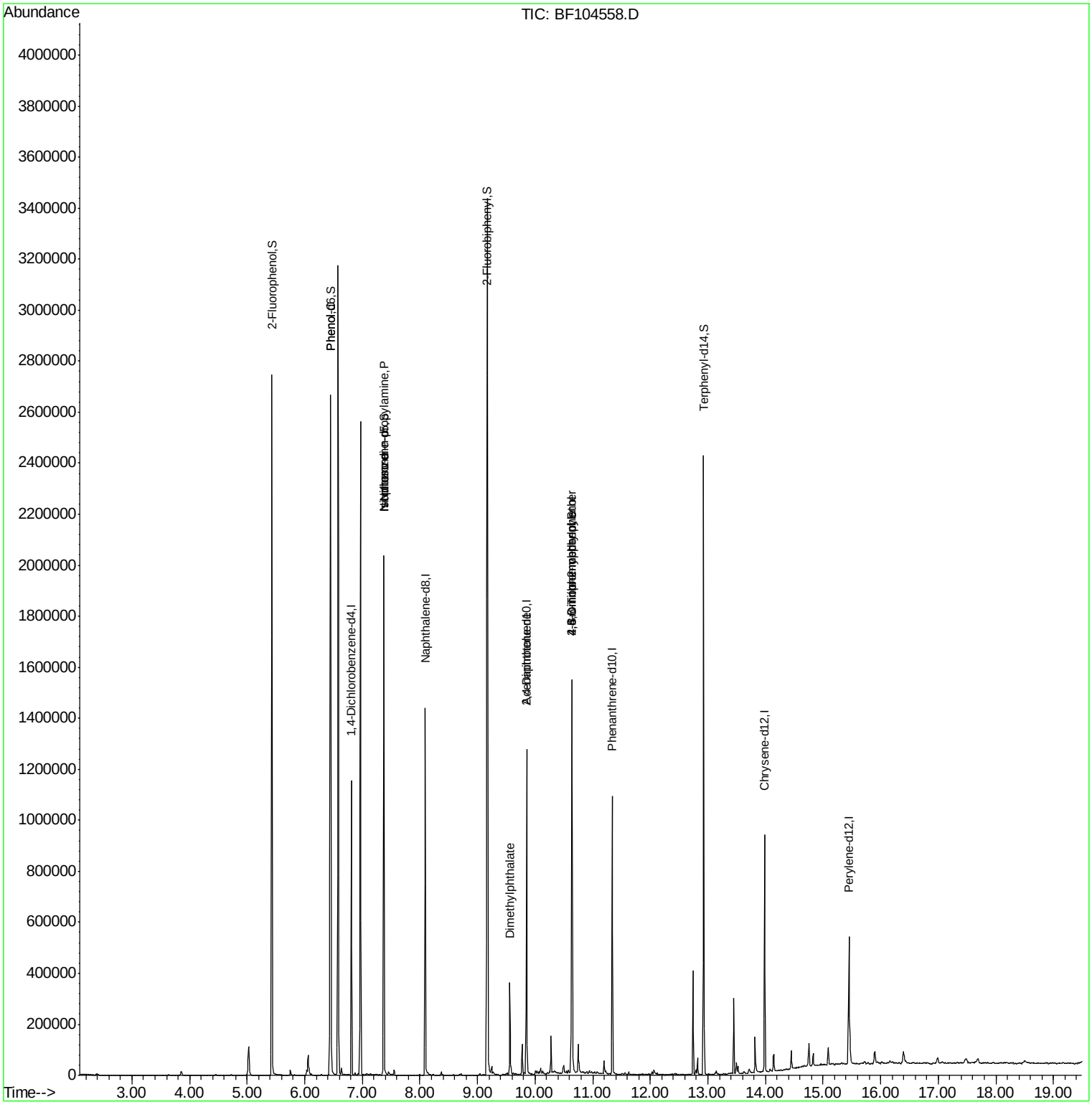
(#) = qualifier out of range (m) = manual integration (+) = signals summed

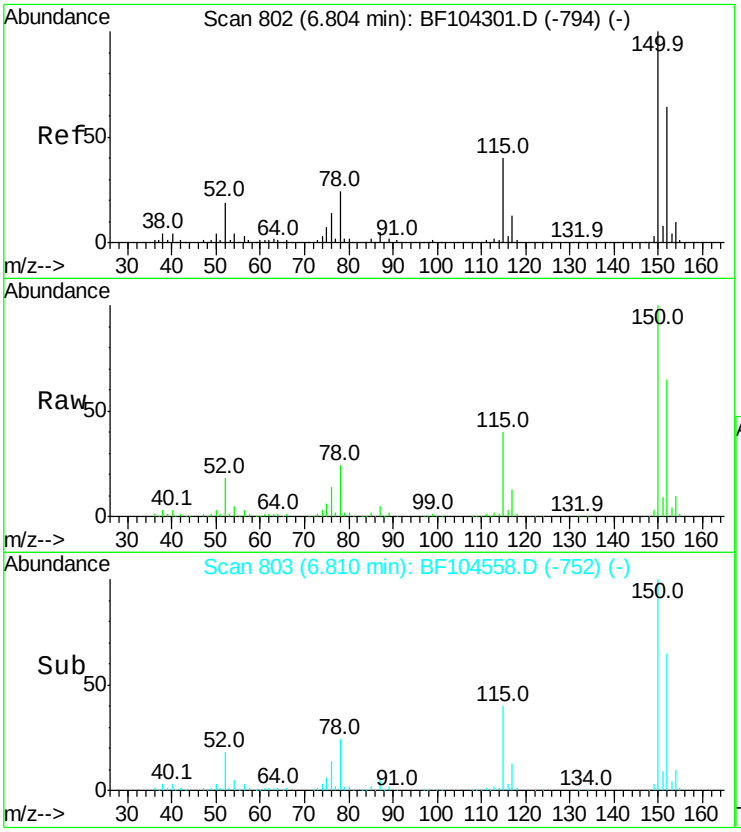
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104558.D
Acq On : 17 Apr 2018 2:38
Operator : JU/SJ
Sample : J2360-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Quant Time: Apr 17 03:12:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration



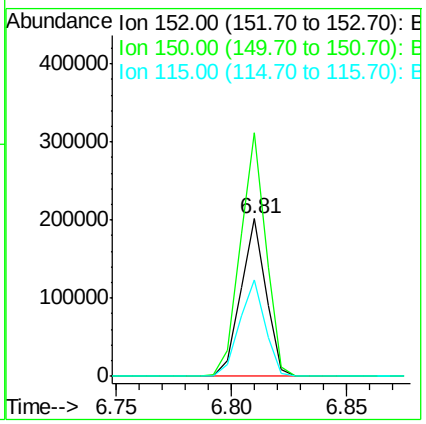


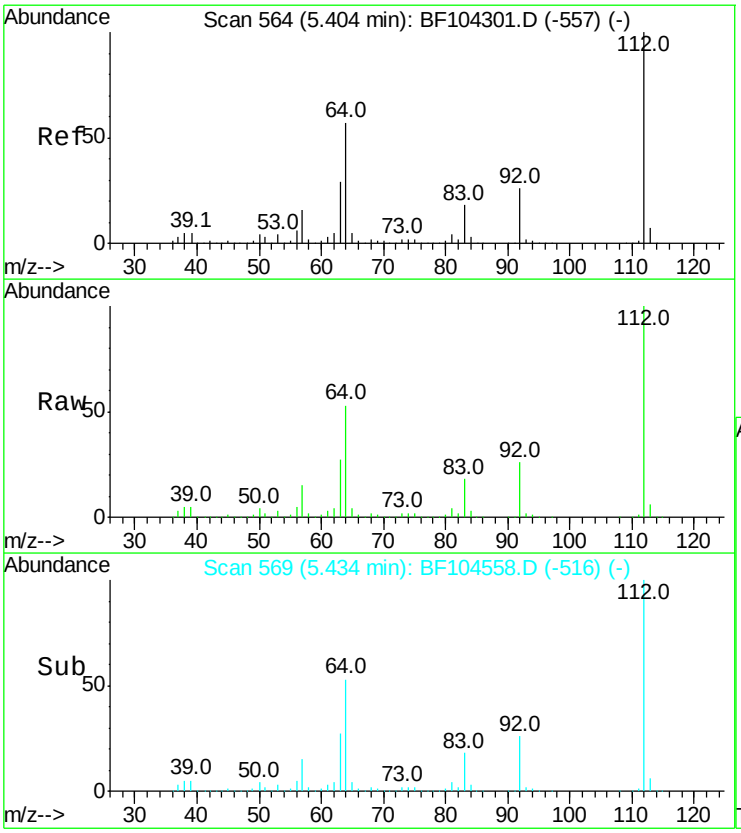
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion:152 Resp: 153887

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	61.4	50.1	75.1

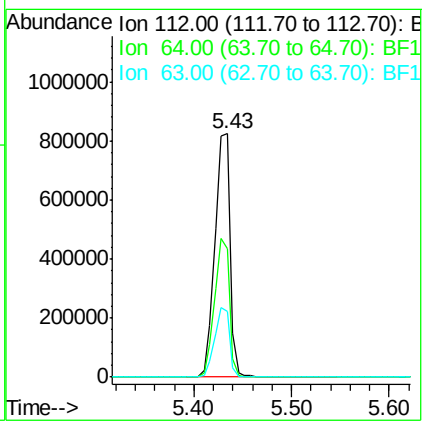


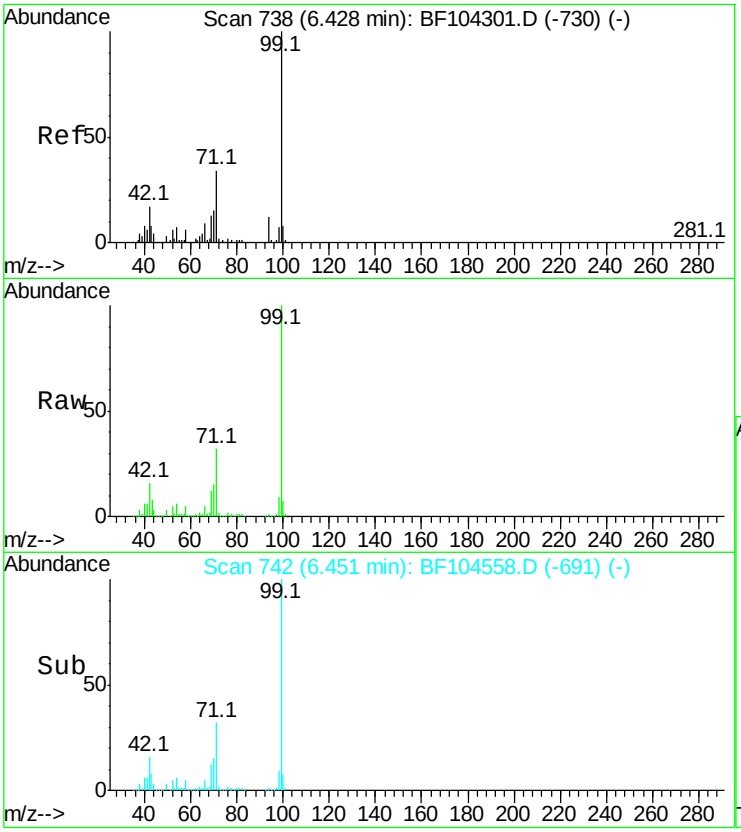


#5
2-Fluorophenol
Concen: 88.808 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion:112 Resp: 893778

Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	27.2	23.7	35.5



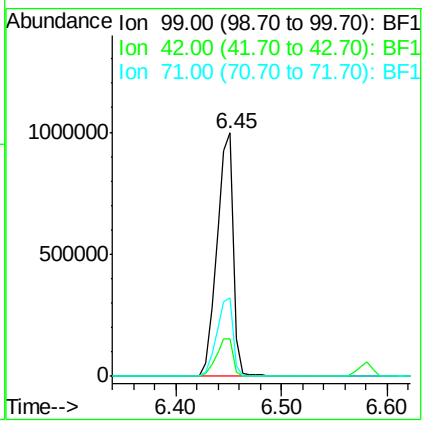


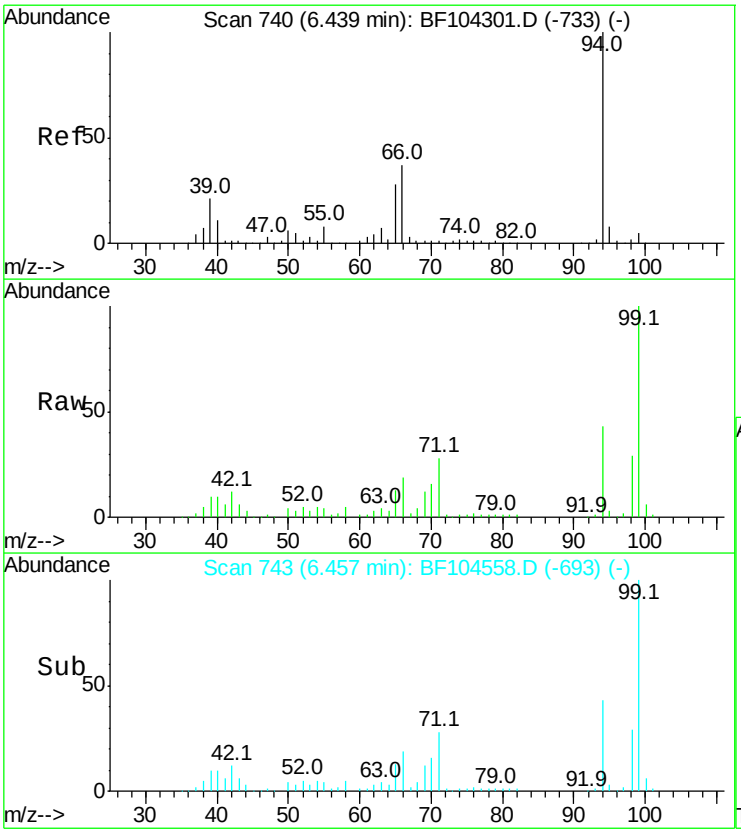
#7
Phenol-d6
Concen: 88.130 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion: 99 Resp: 1089783

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	32.4	25.4	38.0

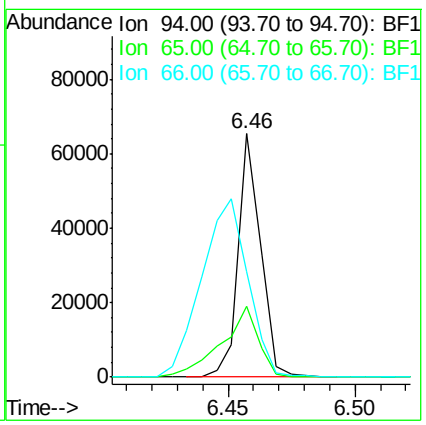


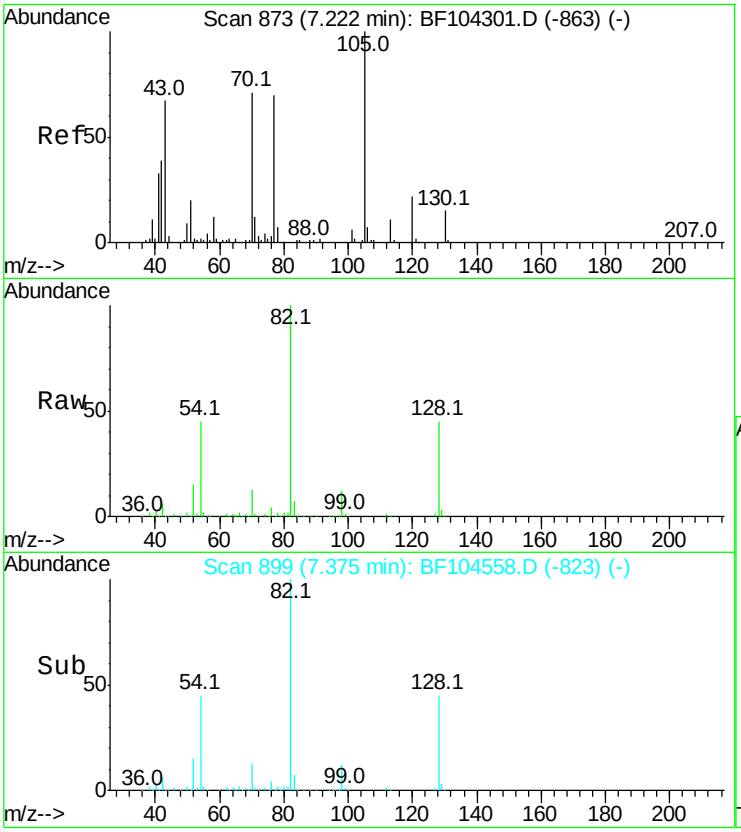


#10
Phenol
Concen: 3.037 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion: 94 Resp: 39843

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	43.5	16.2	56.2



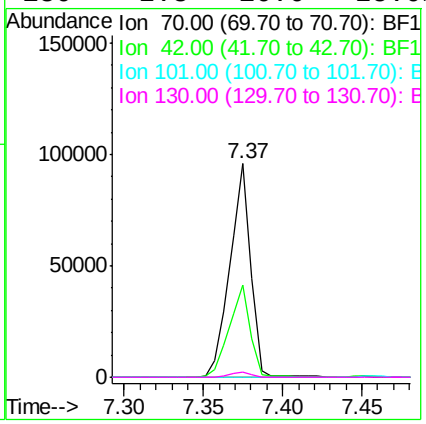


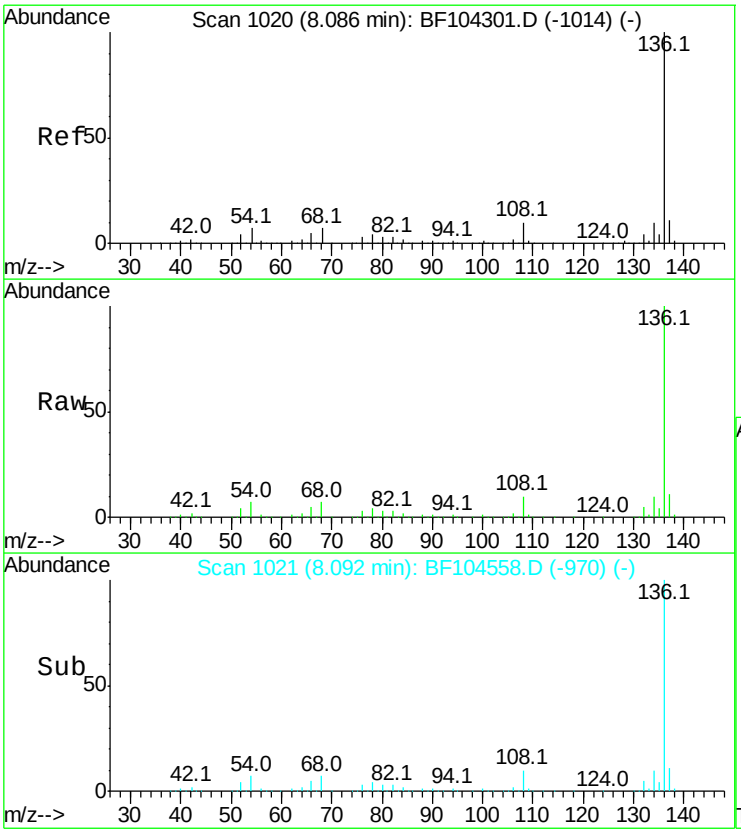
#19
n-Nitroso-di-n-propylamine
Concen: 10.830 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion: 70 Resp: 87513

Ion	Ratio	Lower	Upper
70	100		
42	43.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

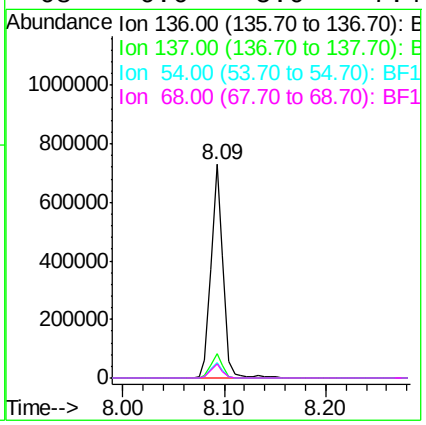


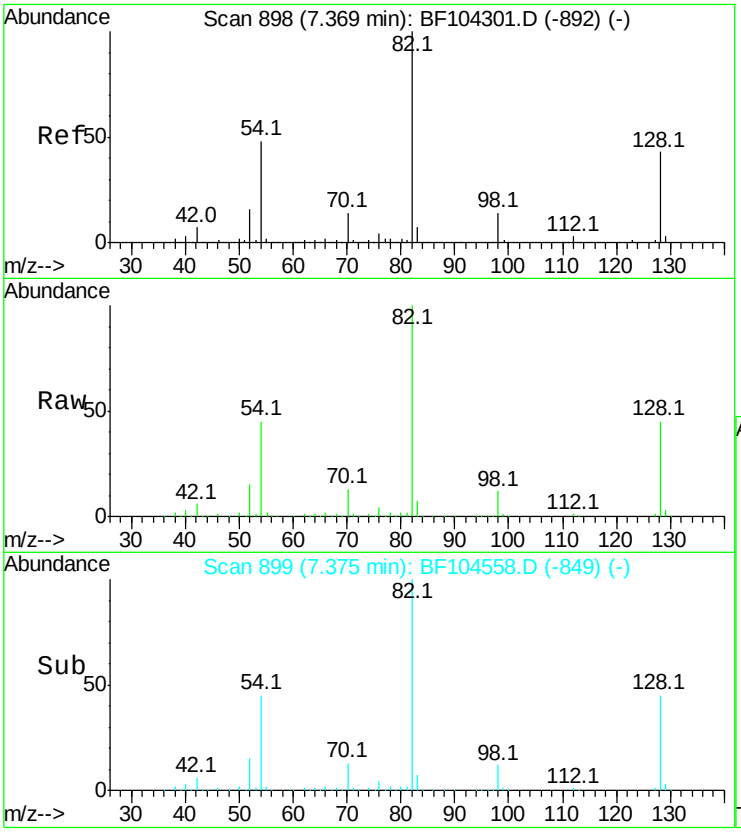


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion:136 Resp: 605364

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.4	6.6	9.8
68	6.6	5.0	7.4



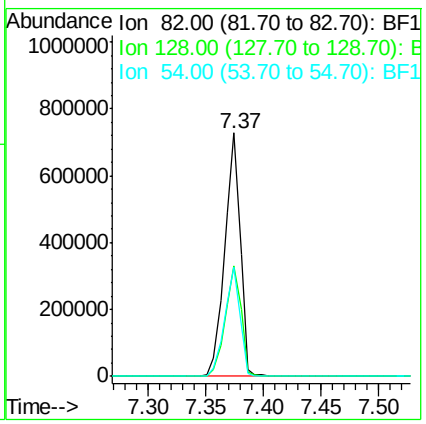


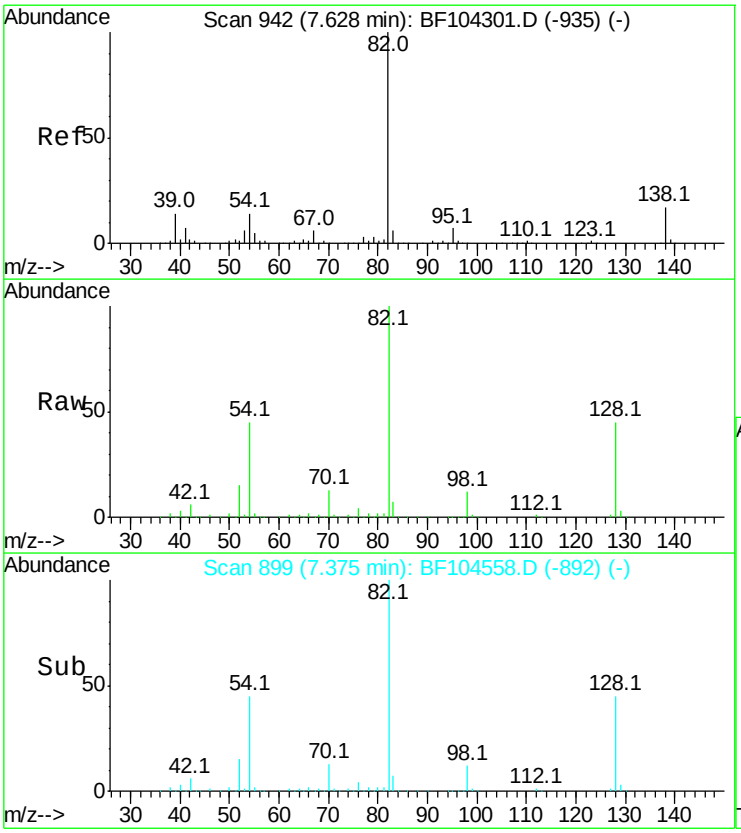
#23
Nitrobenzene-d5
Concen: 73.222 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion: 82 Resp: 678827

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	44.9	41.4	62.2

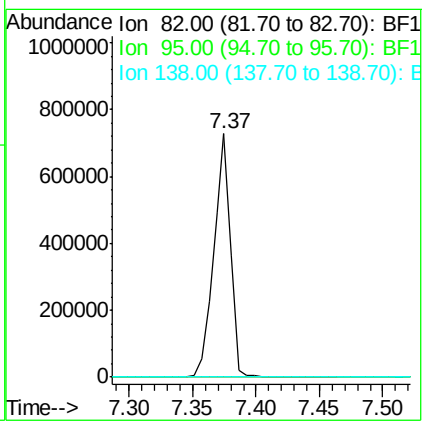


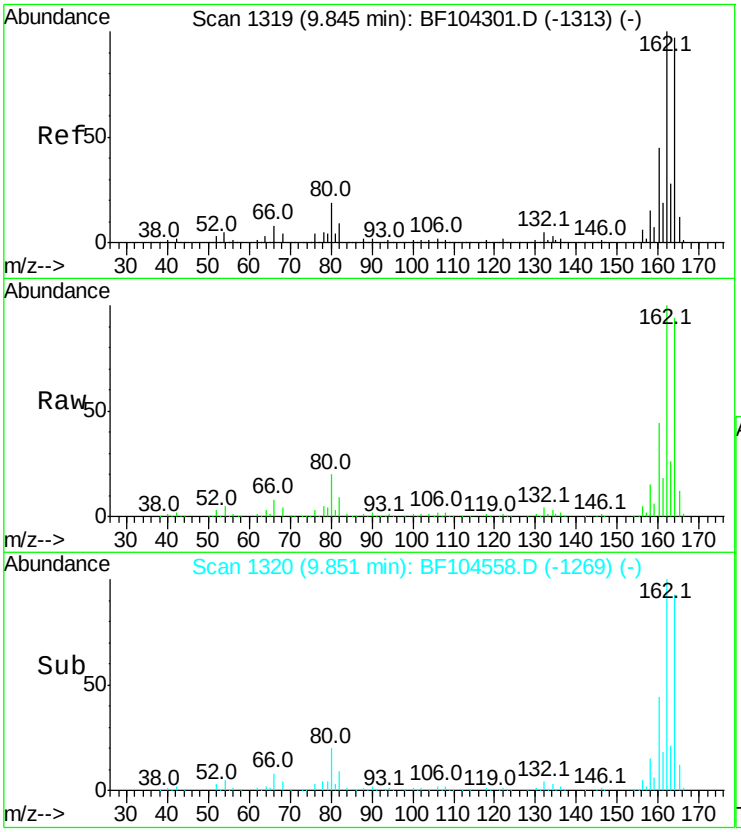


#25
Isophorone
Concen: 34.501 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion: 82 Resp: 676371

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



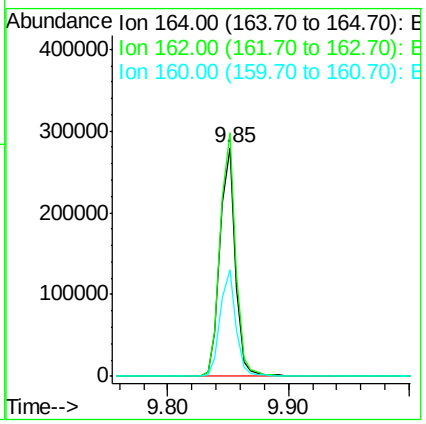


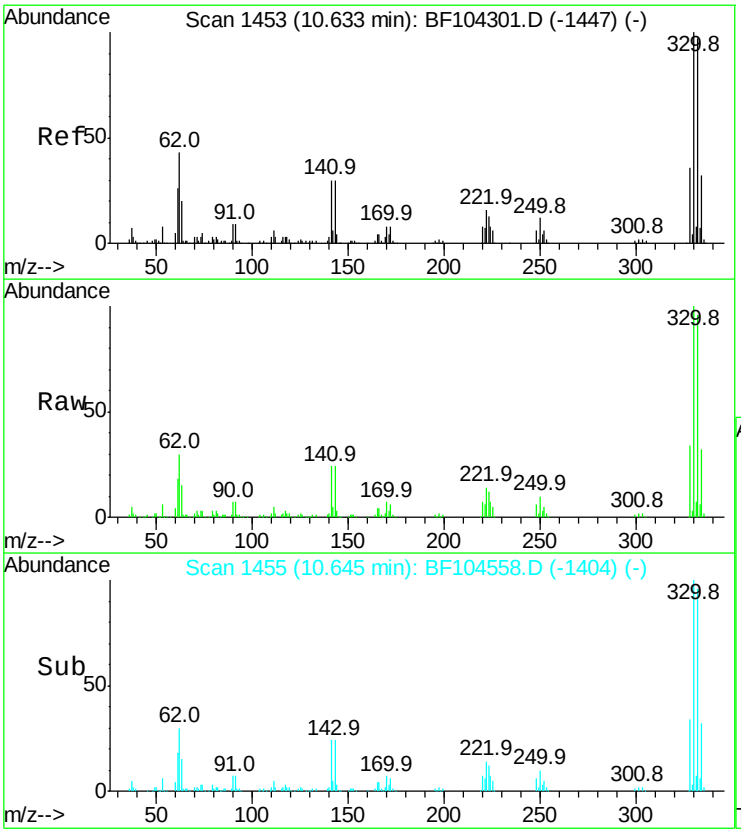
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion:164 Resp: 246220

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.5	38.3	57.5

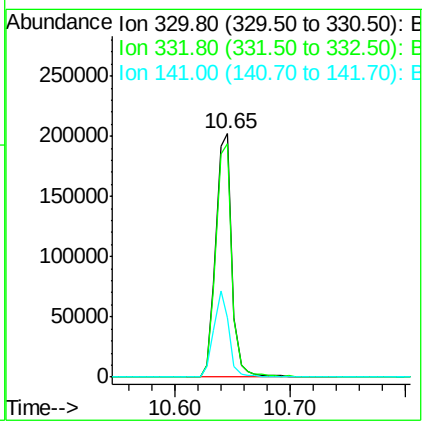


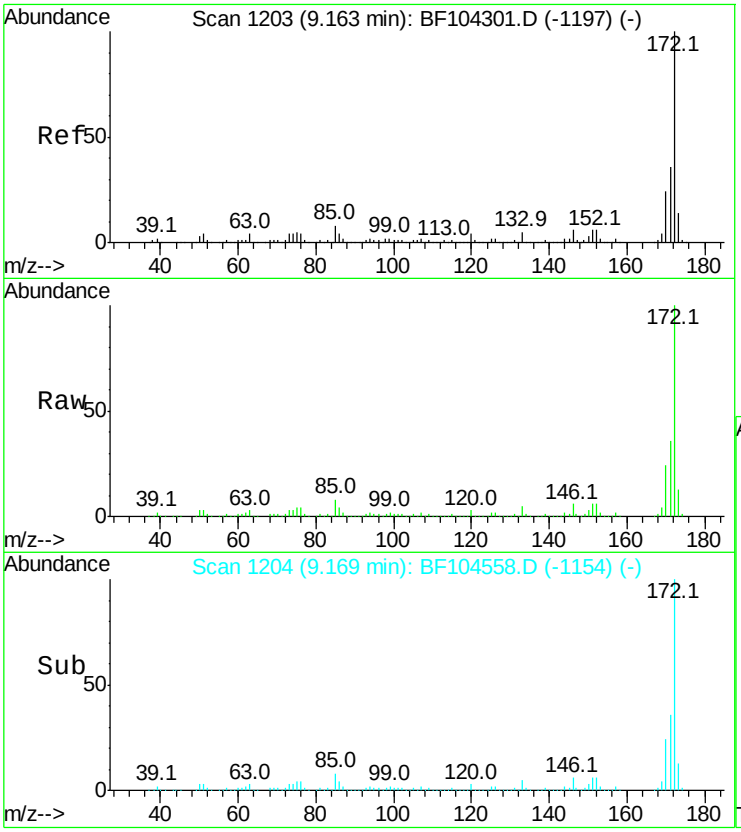


#41
2,4,6-Tribromophenol
Concen: 76.929 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion:330 Resp: 196486

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.1	29.9	44.9



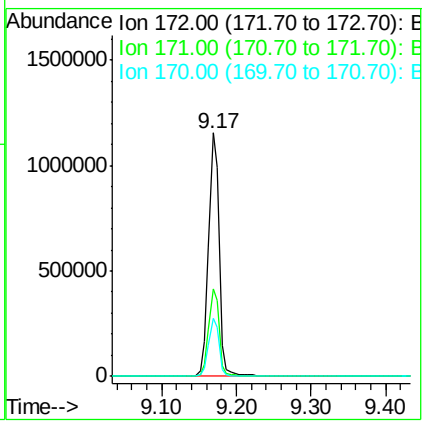


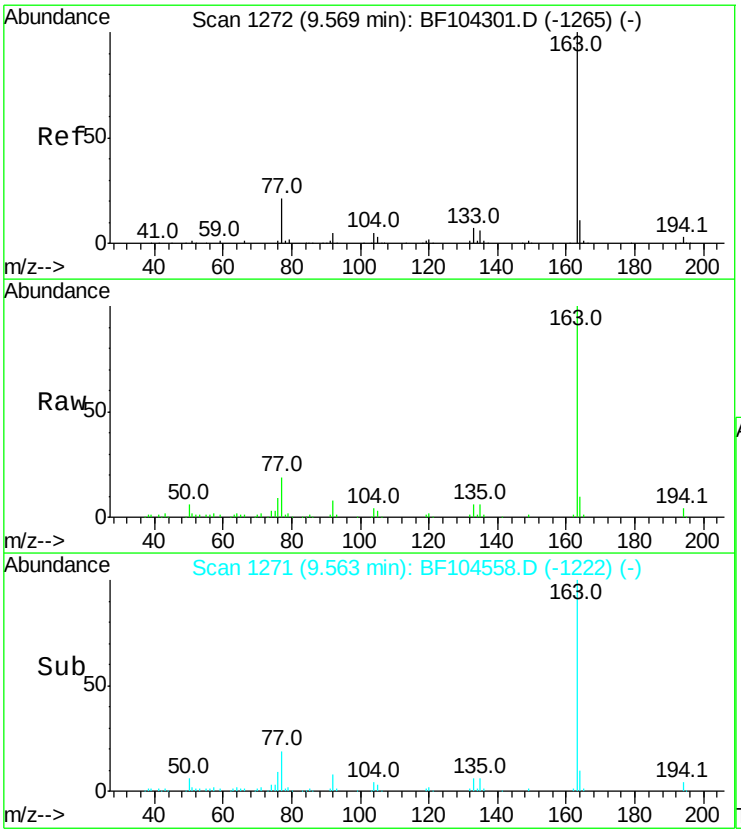
#44
2-Fluorobiphenyl
Concen: 73.072 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion:172 Resp: 1138898

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

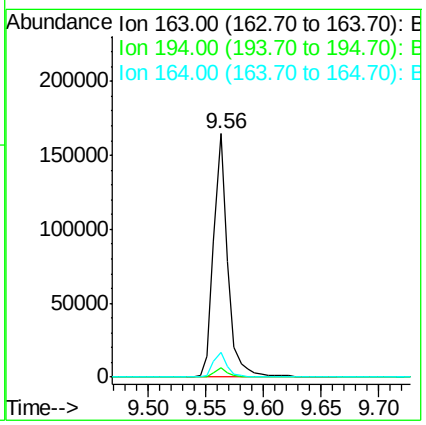


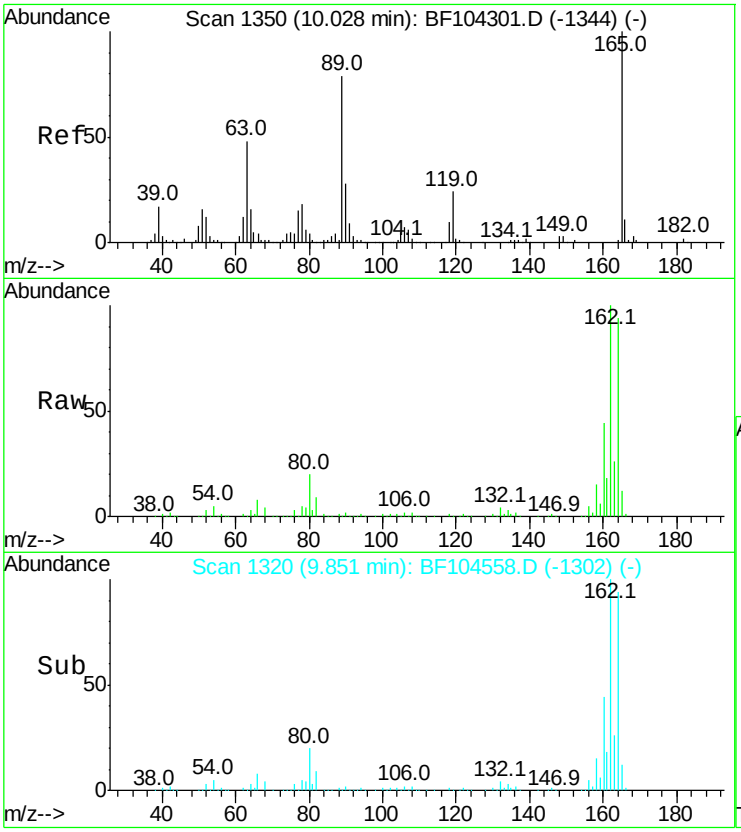


#49
Dimethylphthalate
Concen: 7.223 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion:163 Resp: 140246

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2



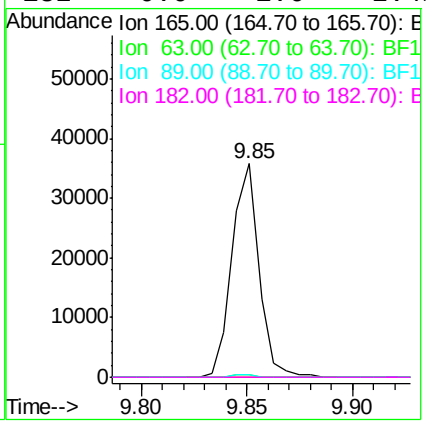


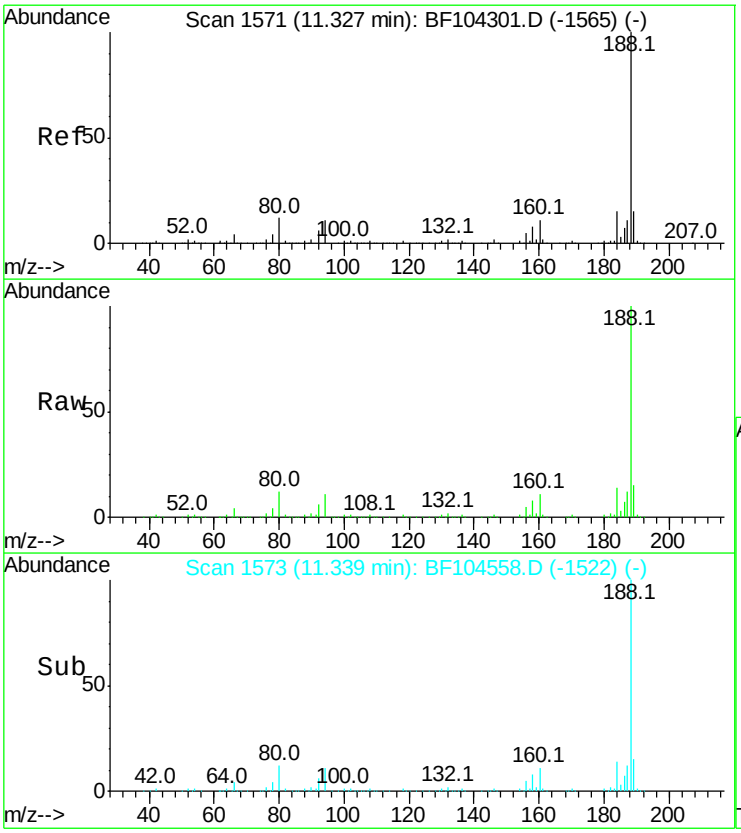
#56
2,4-Dinitrotoluene
Concen: 6.686 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion:165 Resp: 31510

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

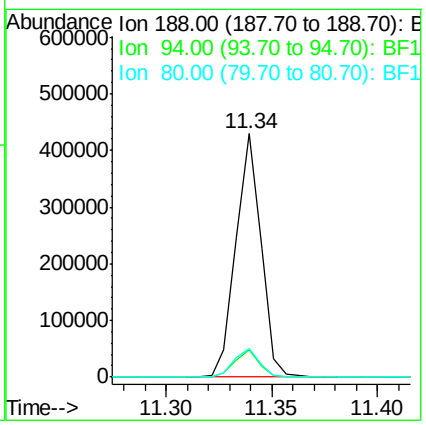


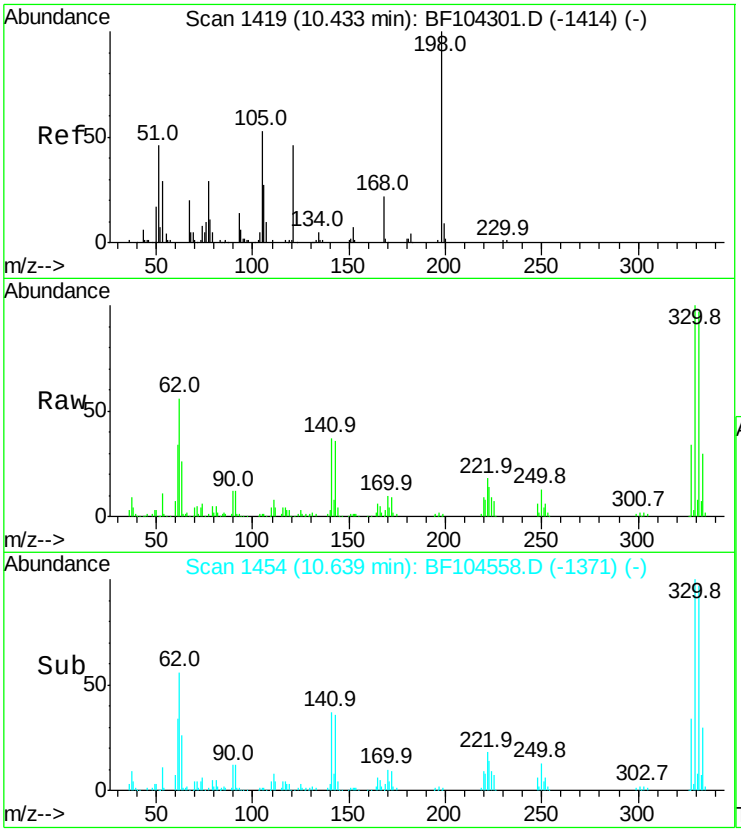


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion:188 Resp: 353207

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.9	9.2	13.8



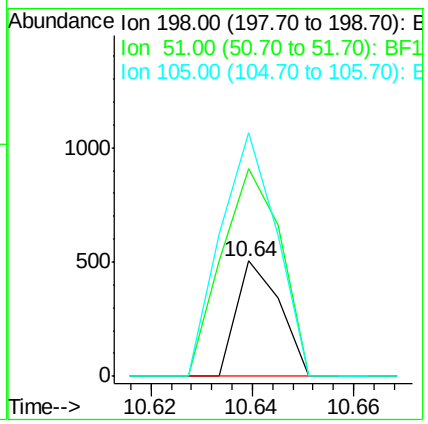


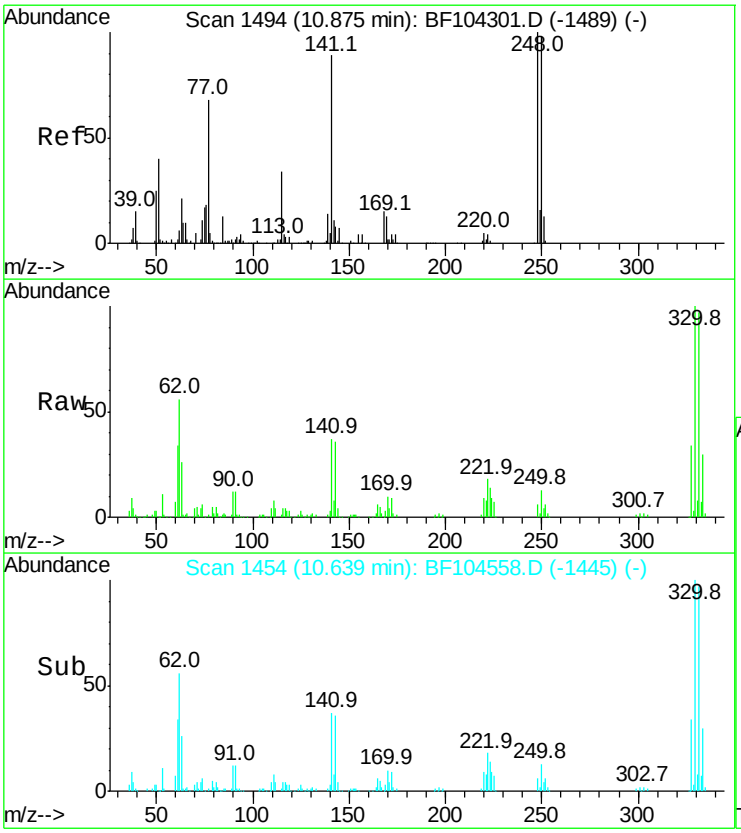
#64
4,6-Dinitro-2-methylphenol
Concen: 7.494 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion:198 Resp: 299

Ion	Ratio	Lower	Upper
198	100		
51	181.1	37.7	77.7#
105	211.7	36.3	76.3#

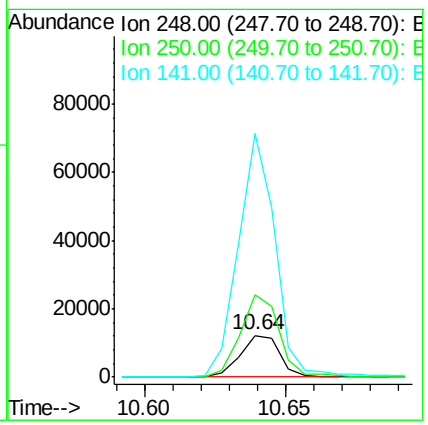


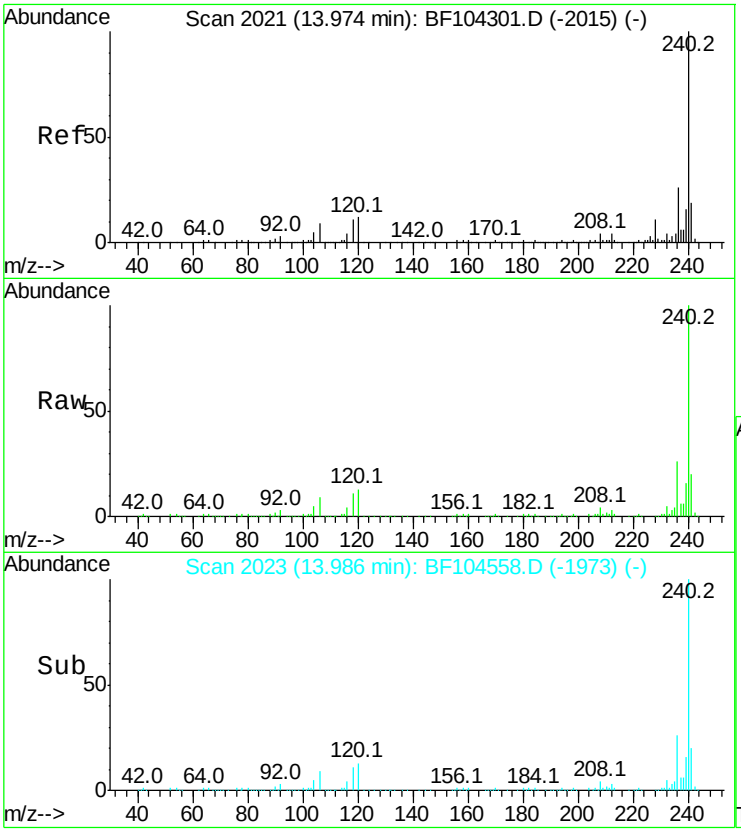


#66
4-Bromophenyl-phenylether
Concen: 3.113 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion:248 Resp: 11694

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.9	115.3#
141	583.3	74.4	111.6#



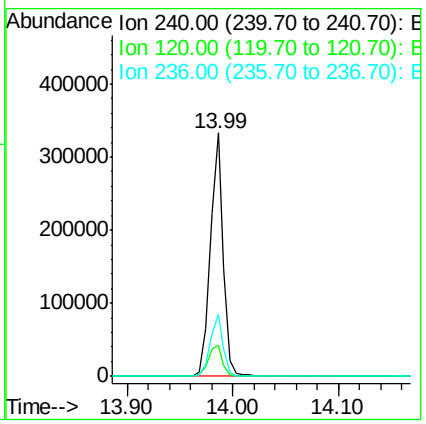


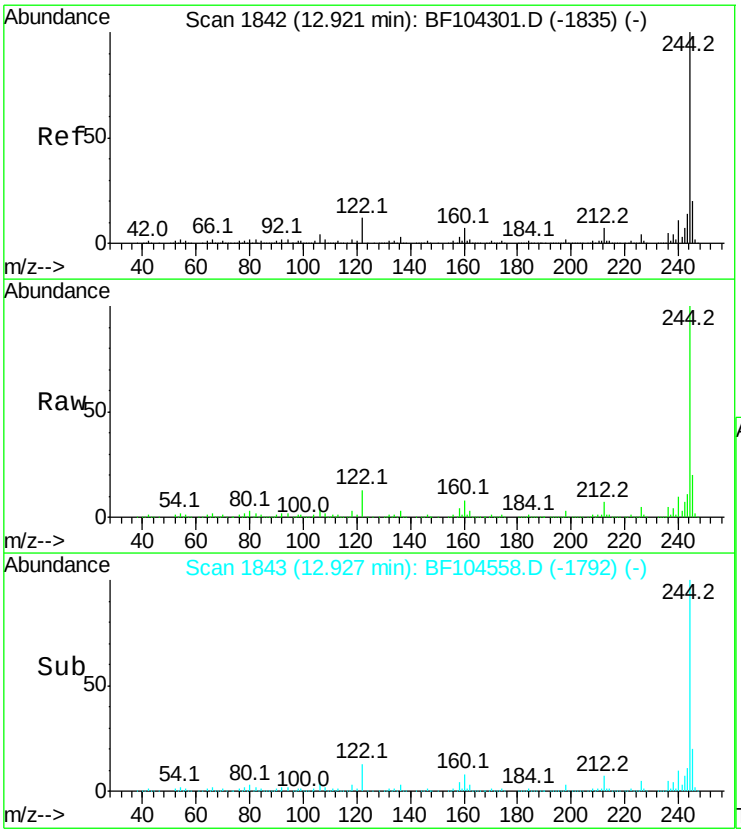
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion:240 Resp: 286588

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.7	20.7	31.1

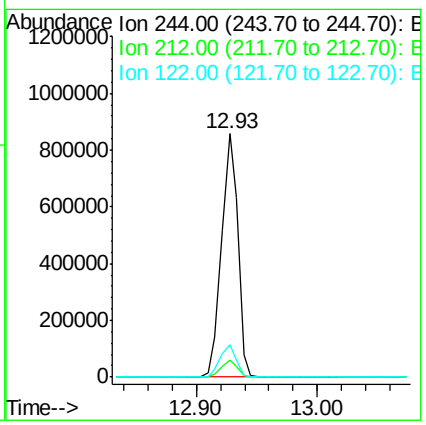


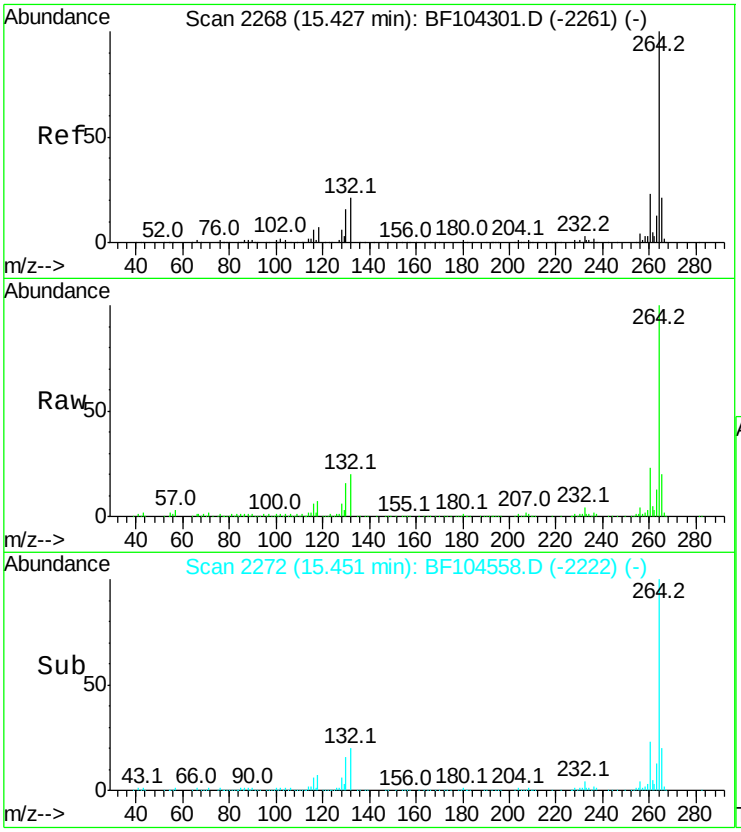


#78
Terphenyl-d14
Concen: 63.469 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion:244 Resp: 797846

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tgt Ion:264 Resp: 216785

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.3	17.5	26.3