Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104961.D
Acq On : 1 May 2018 4:44
Operator : JU/SJ
Sample : J2617-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 01 07:31:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112044	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	451426	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	191586	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	287641	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	218454	20.00	ng		-0.01
86) Perylene-d12	15.43	264	167454	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	252888	34.51	ng		0.00
7) Phenol-d6	6.42	99	190114	21.12	ng		-0.02
23) Nitrobenzene-d5	7.36	82	596595	86.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	129921	65.37	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	1048211	86.43	ng		0.00
78) Terphenyl-d14	12.90	244	761777	79.50	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	78138	13.28	ng	#	71
25) Isophorone	7.36	82	596592	40.81	ng	#	64
49) Dimethylphthalate	9.55	163	45339	3.00	ng		99
50) 2,6-Dinitrotoluene	9.83	165	24300	8.69	ng	#	24
56) 2,4-Dinitrotoluene	9.83	165	24300	6.63	ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.62	198	123	7.42	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	7718	2.52	ng	#	1
76) Benzidine	12.90	184	9778	Below Cal		#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
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Acq On : 1 May 2018 4:44
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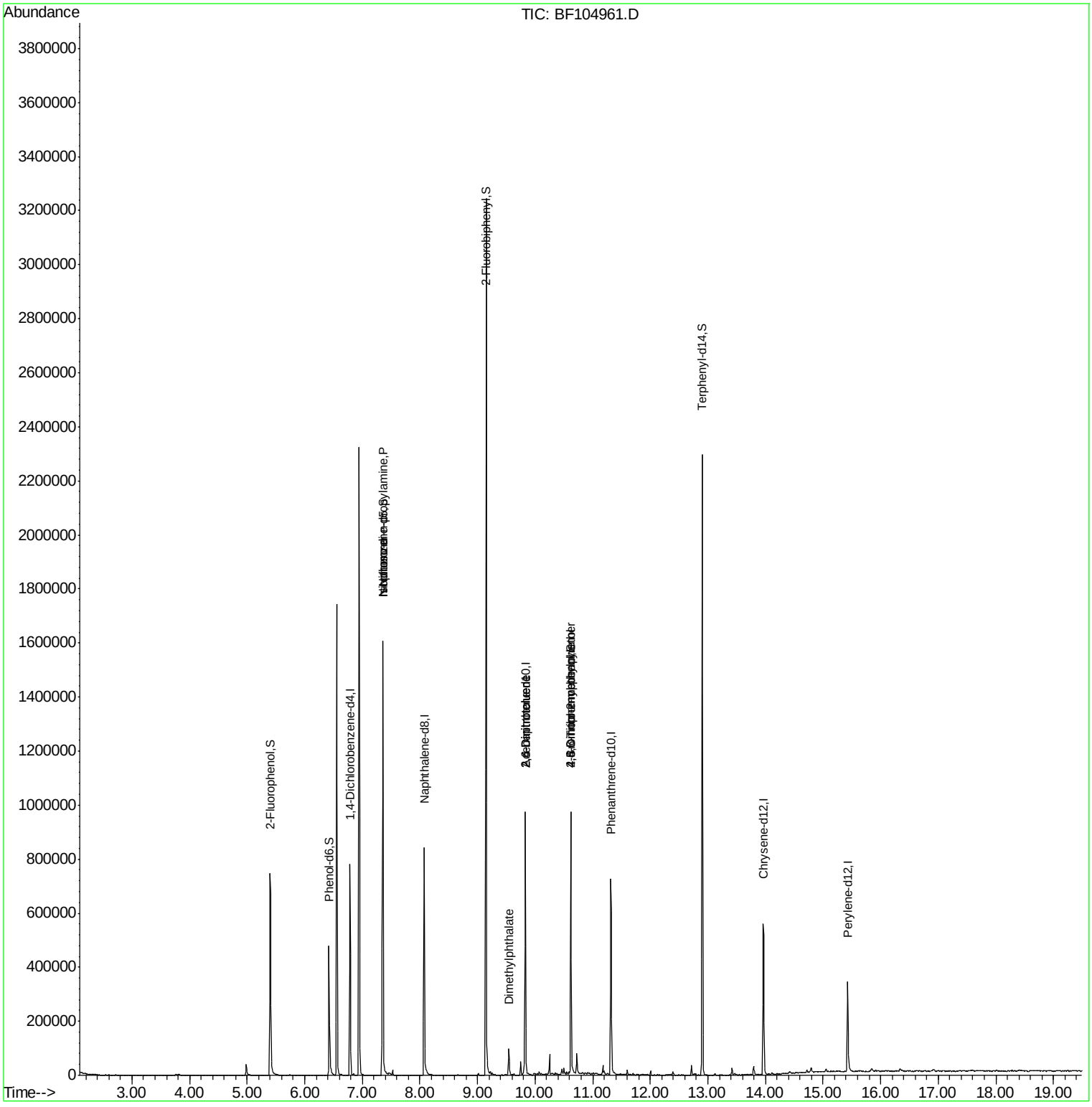
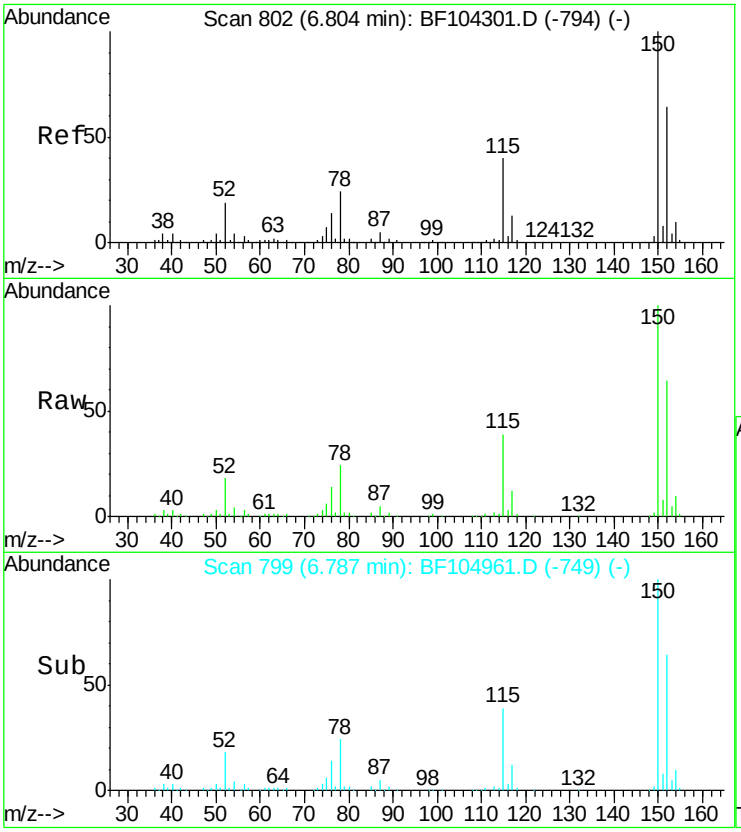
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 07:31:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

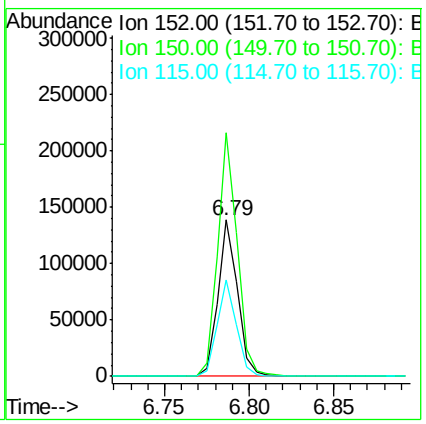




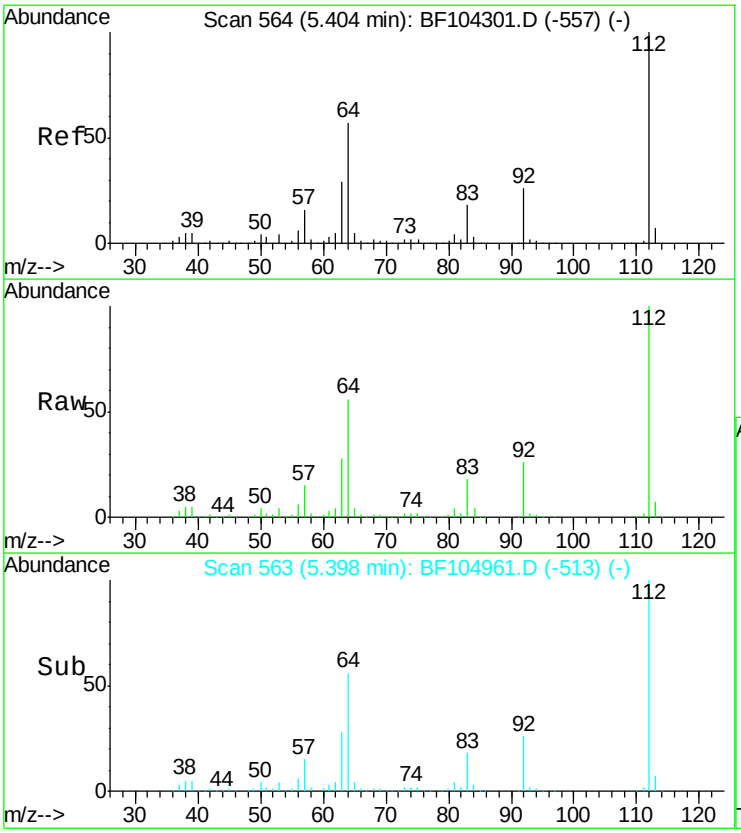
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion:152 Resp: 112044

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	61.4	50.1	75.1



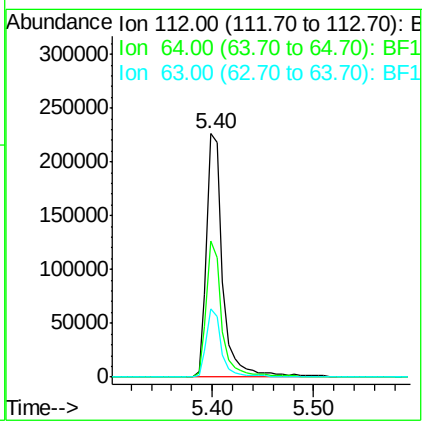
Instrument :
BNA_F
ClientSampleId :

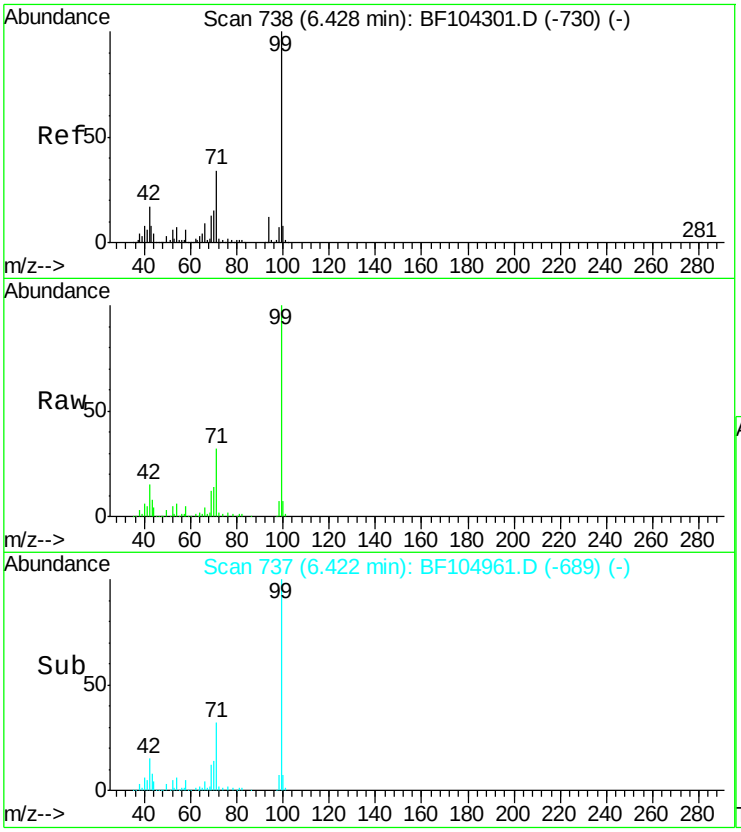


#5
2-Fluorophenol
Concen: 34.51 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion:112 Resp: 252888

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	28.0	23.7	35.5



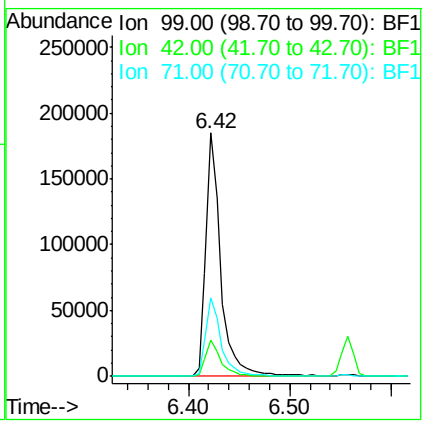


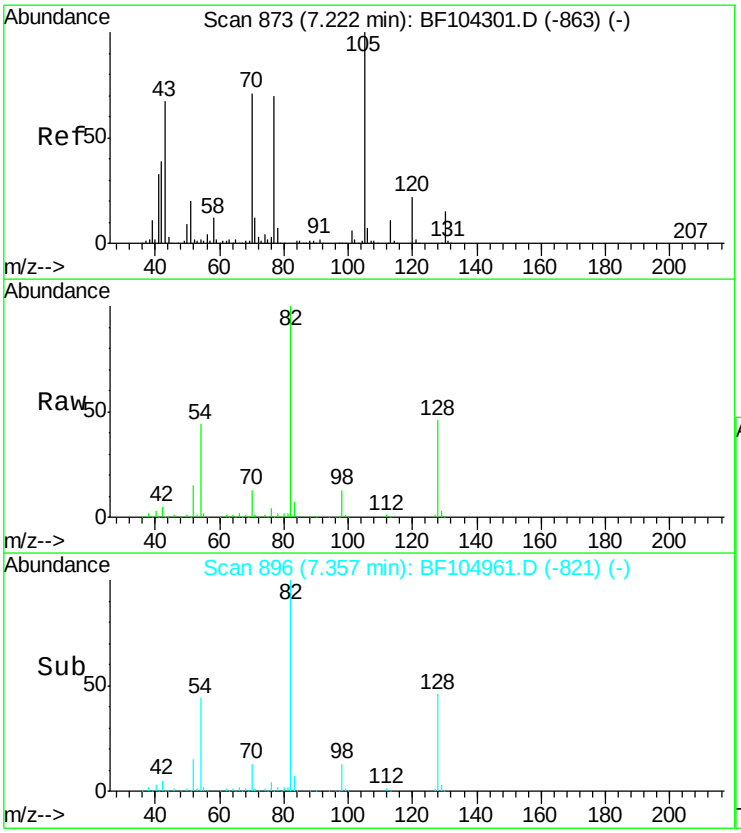
#7
Phenol-d6
Concen: 21.12 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 190114

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	32.1	25.4	38.0

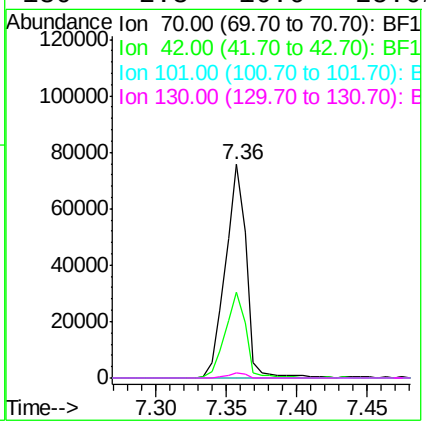


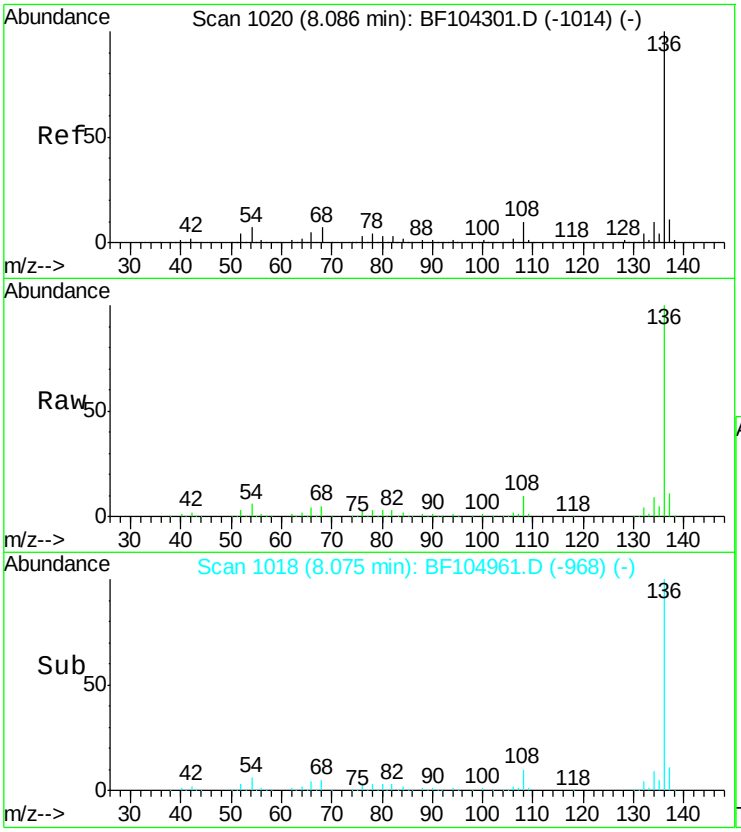


#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion: 70 Resp: 78138

Ion	Ratio	Lower	Upper
70	100		
42	40.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



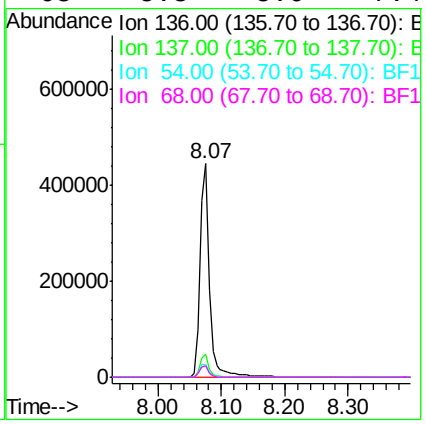


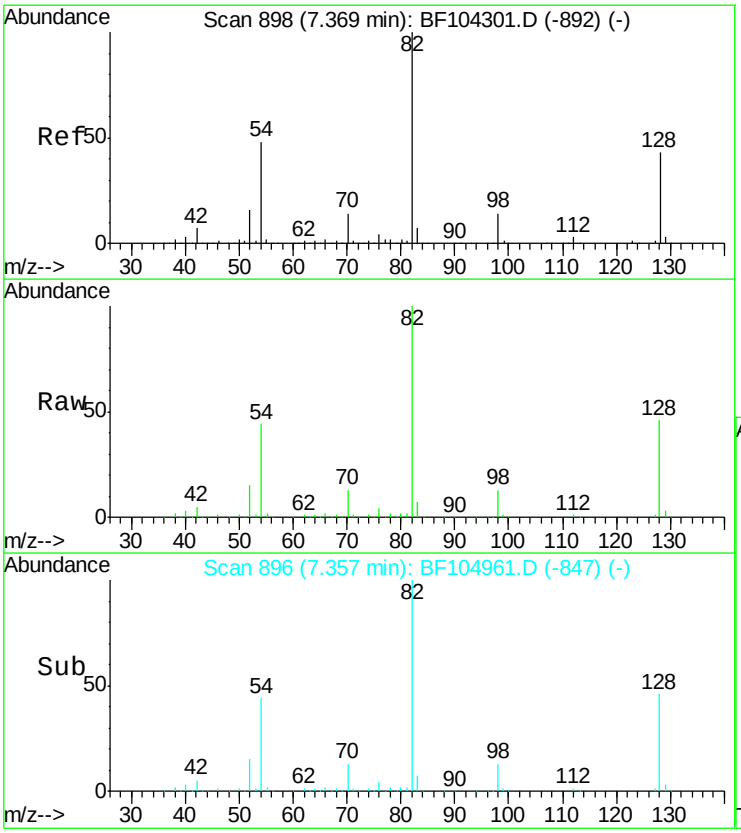
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 451426

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.7	6.6	9.8#
68	5.3	5.0	7.4

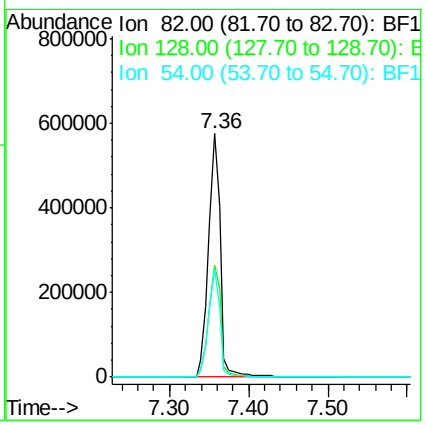


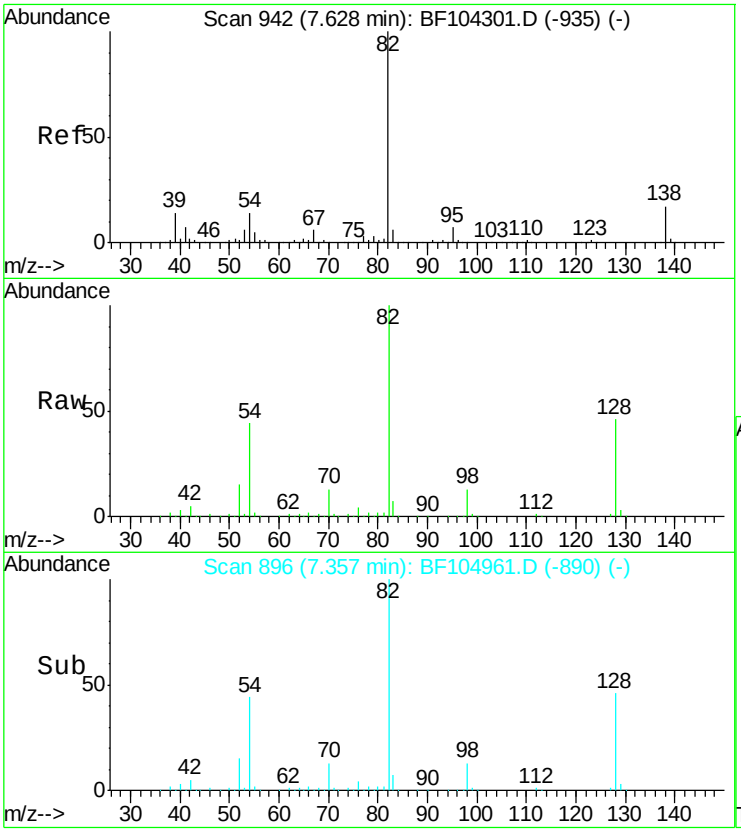


#23
Nitrobenzene-d5
Concen: 86.30 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion: 82 Resp: 596595

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	44.2	41.4	62.2



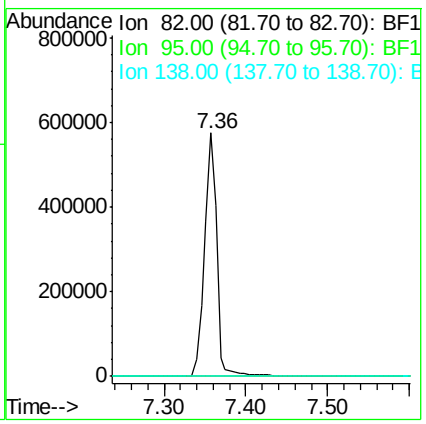


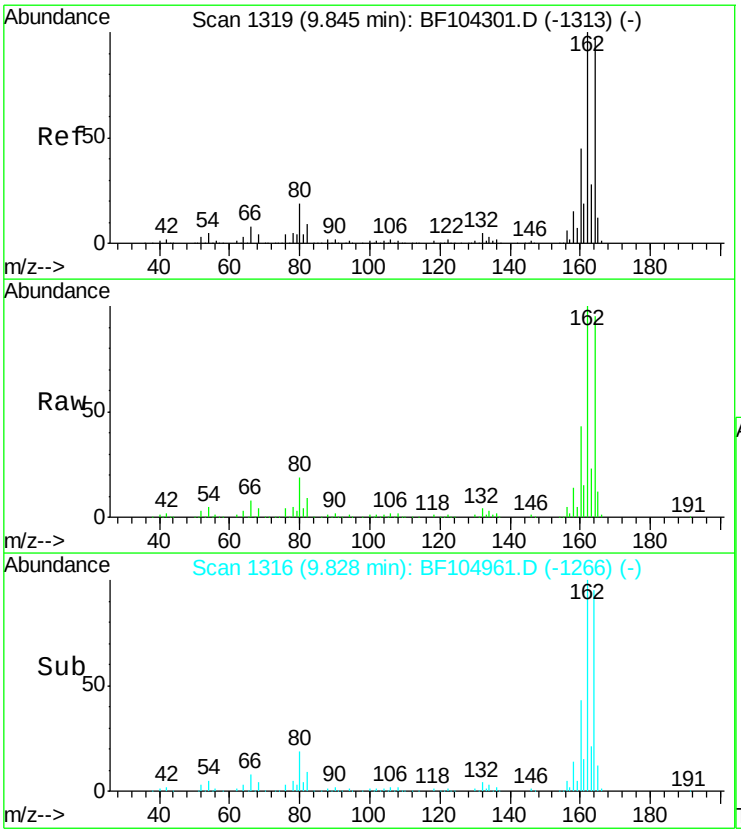
#25
Isophorone
Concen: 40.81 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 596592

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

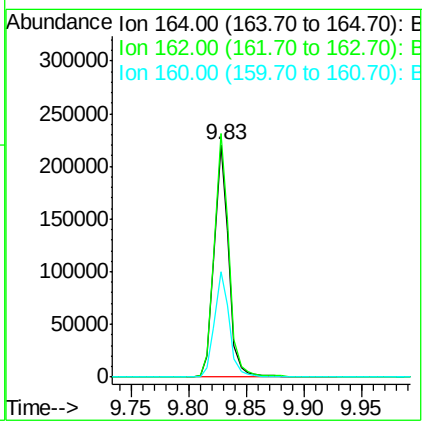


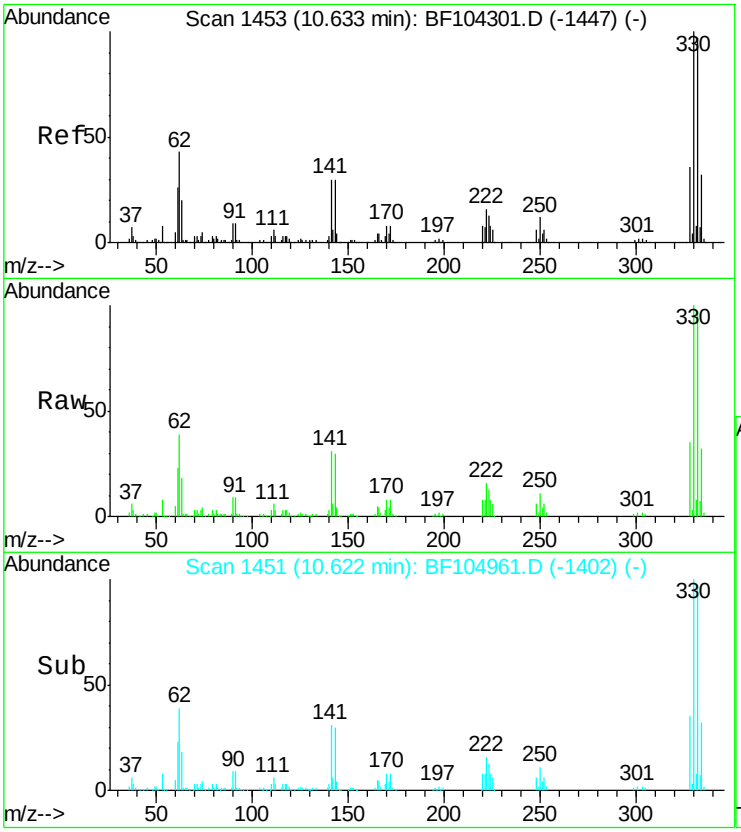


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion:164 Resp: 191586

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.4	38.3	57.5



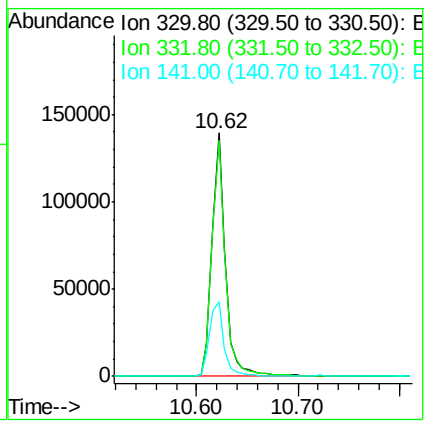


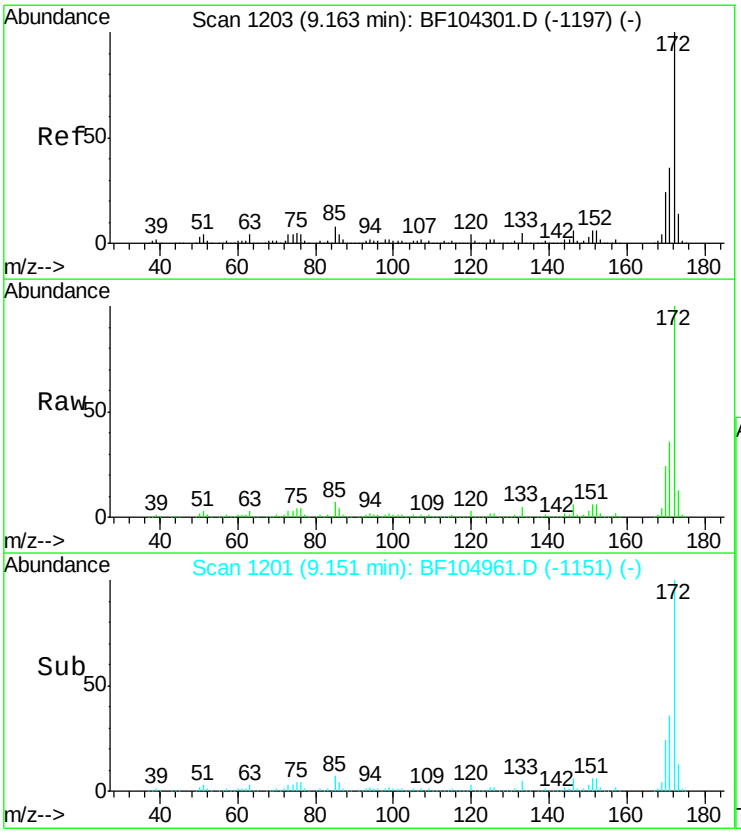
#41
2,4,6-Tribromophenol
Concen: 65.37 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 129921

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	33.4	29.9	44.9

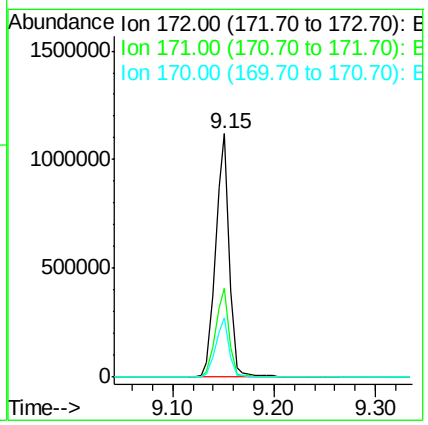


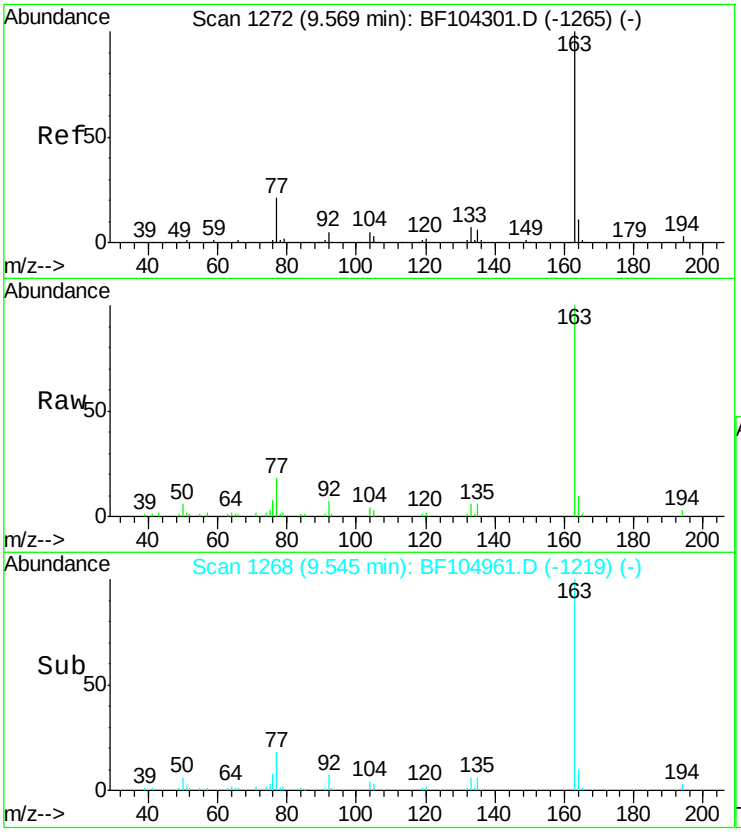


#44
2-Fluorobiphenyl
Concen: 86.43 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion:172 Resp: 1048211

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4



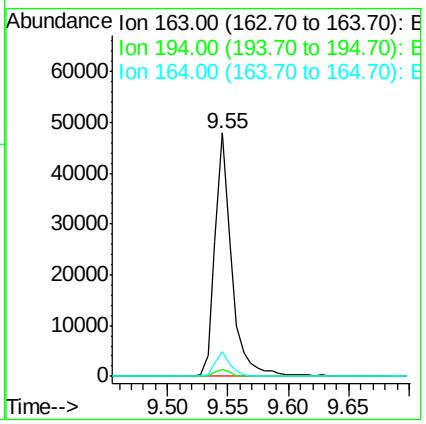


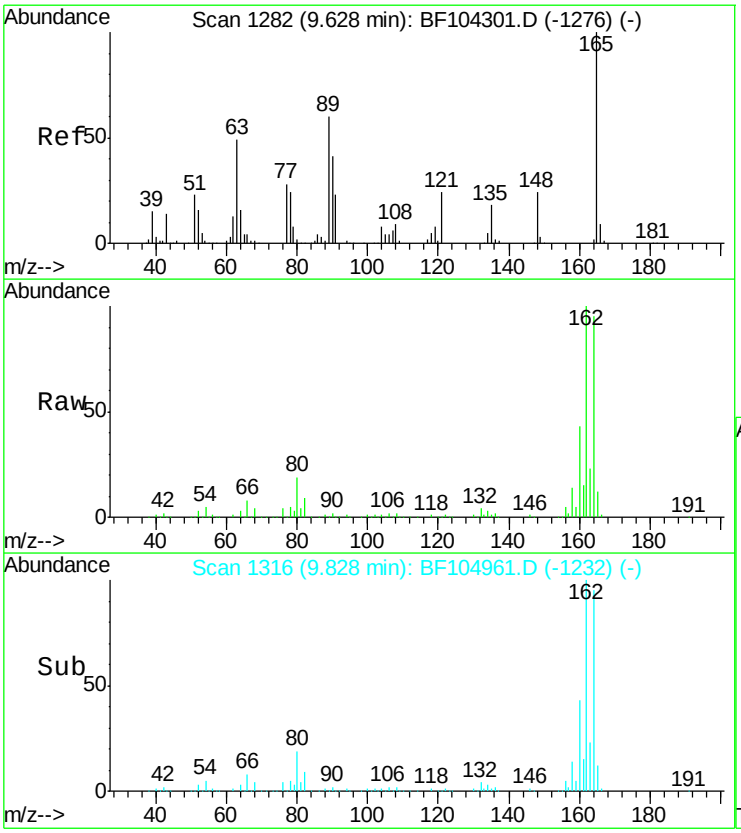
#49
Dimethylphthalate
Concen: 3.00 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 45339

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.0	8.2	12.2

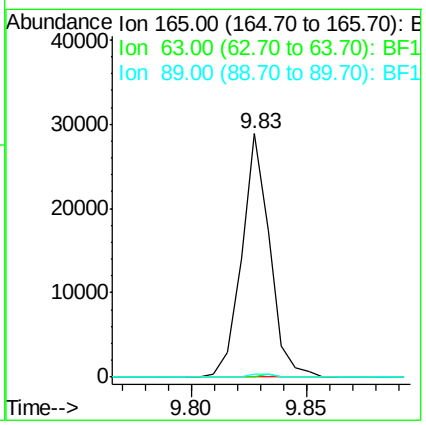


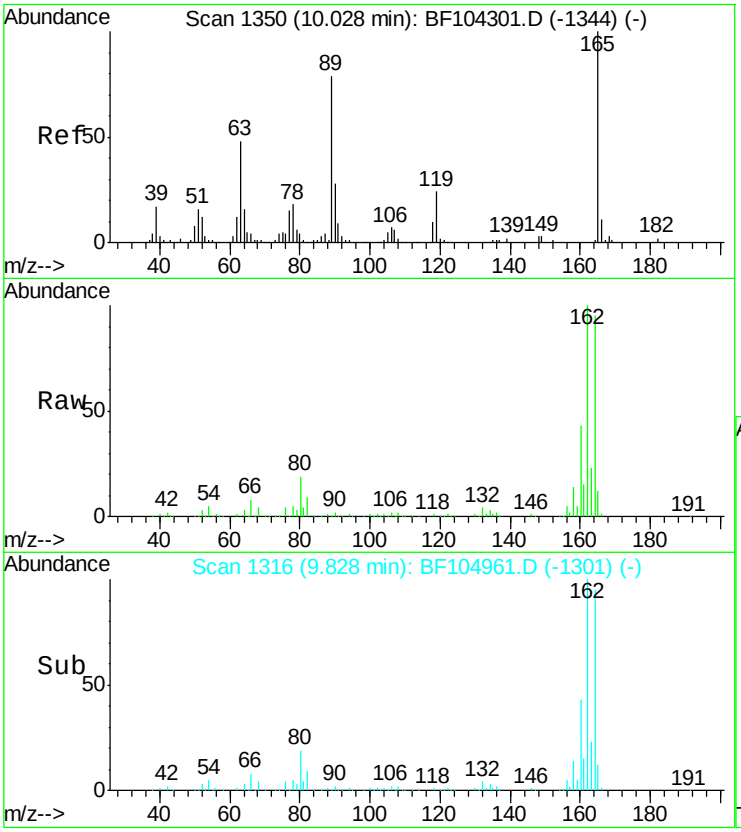


#50
2,6-Dinitrotoluene
Concen: 8.69 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion:165 Resp: 24300

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	44.0	66.0#



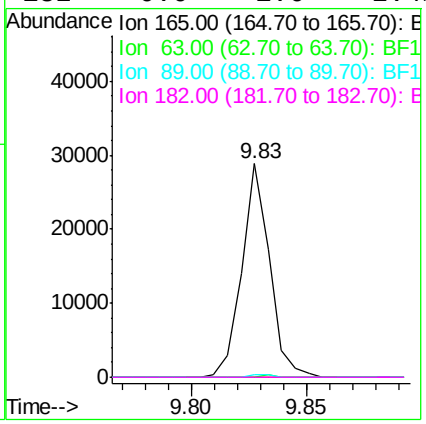


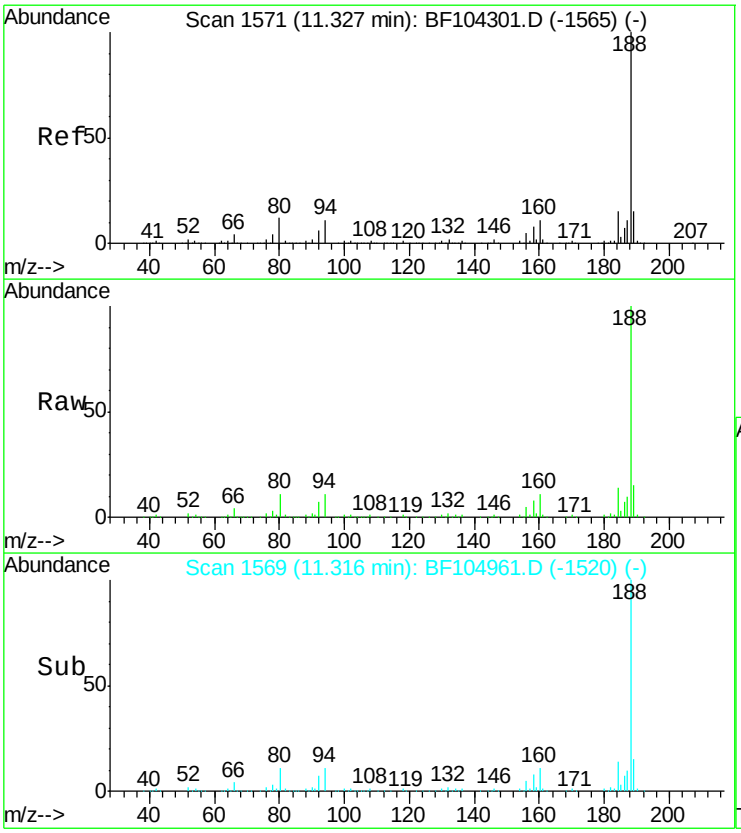
#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24300

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

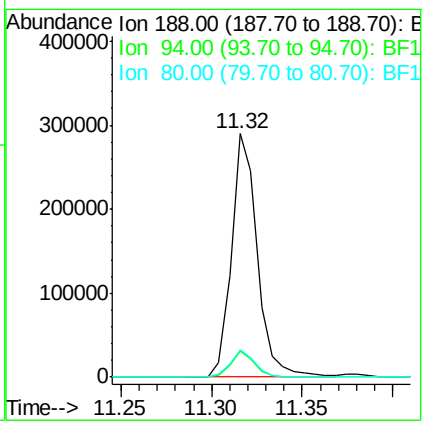


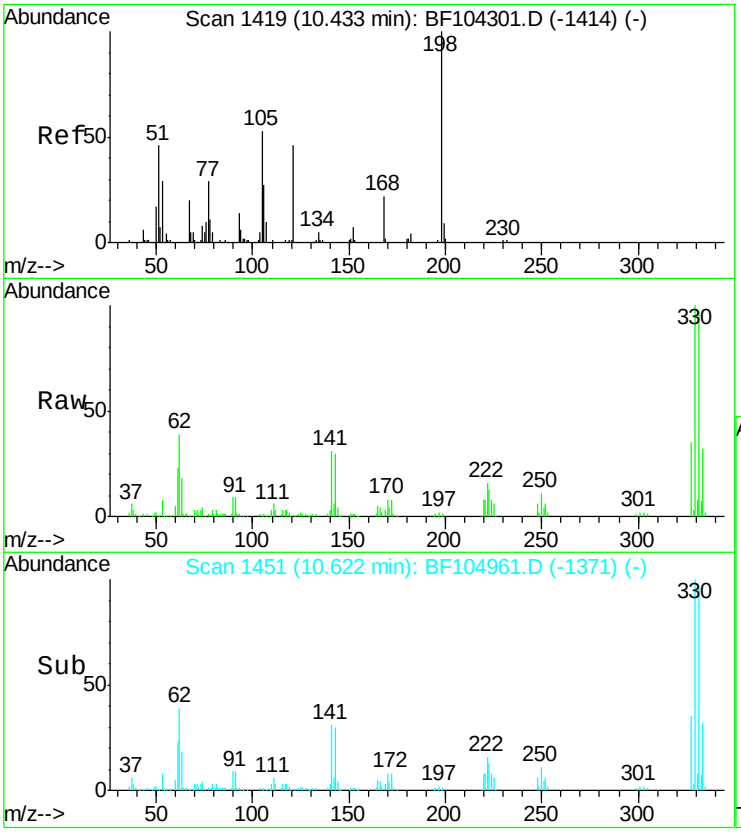


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion:188 Resp: 287641

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8



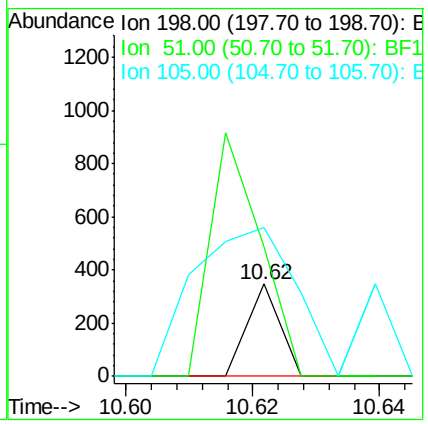


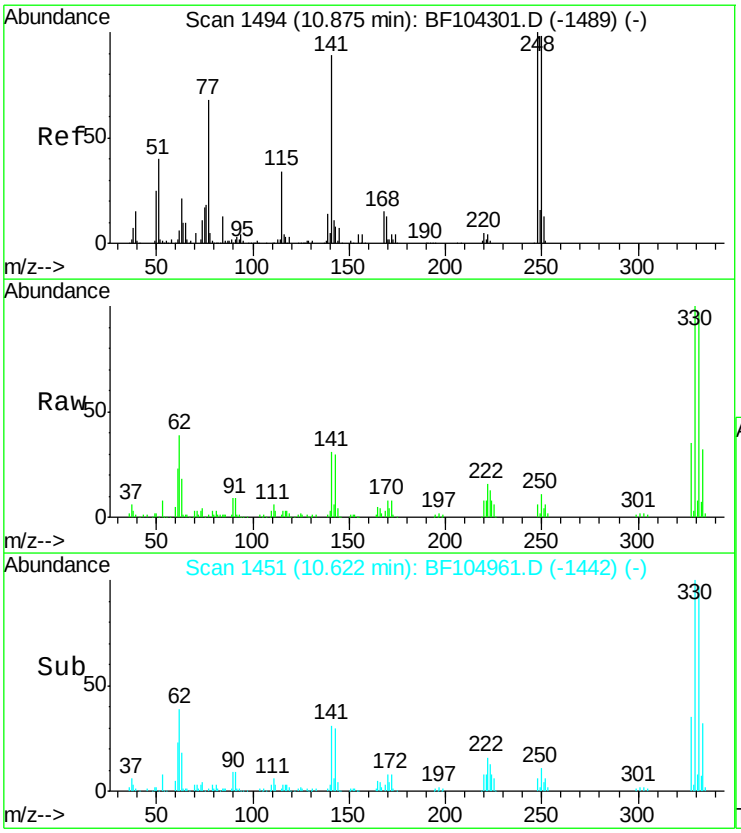
#64
4,6-Dinitro-2-methylphenol
Concen: 7.42 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 123

Ion	Ratio	Lower	Upper
198	100		
51	139.9	37.7	77.7#
105	160.6	36.3	76.3#

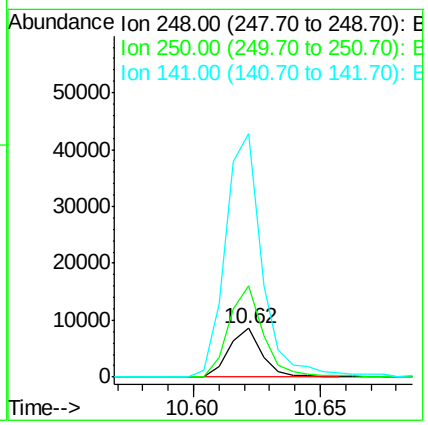


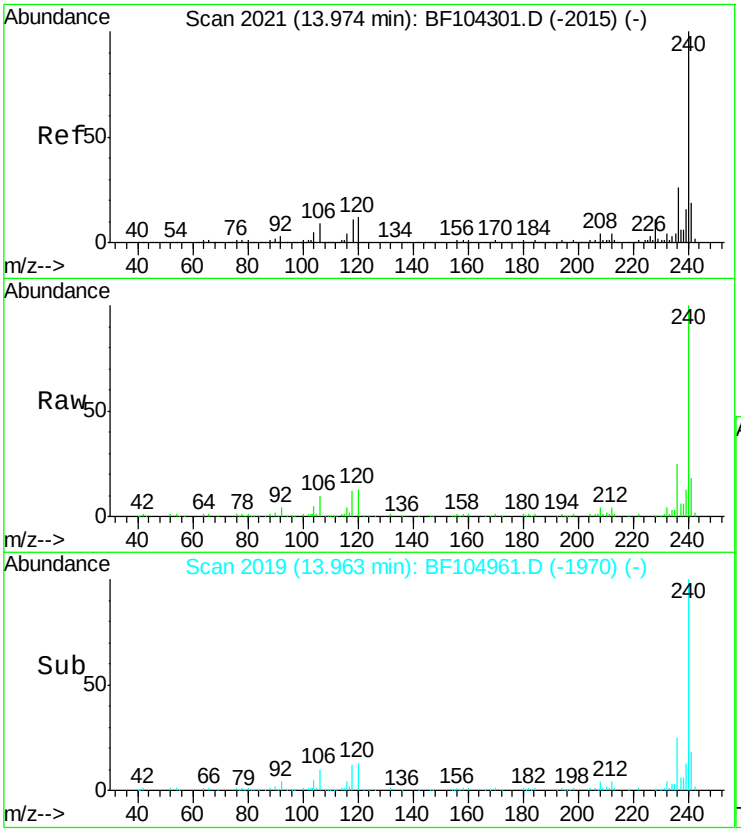


#66
4-Bromophenyl-phenylether
Concen: 2.52 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion:248 Resp: 7718

Ion	Ratio	Lower	Upper
248	100		
250	187.6	76.9	115.3#
141	502.4	74.4	111.6#



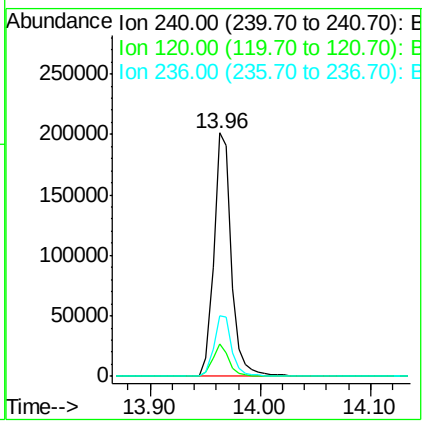


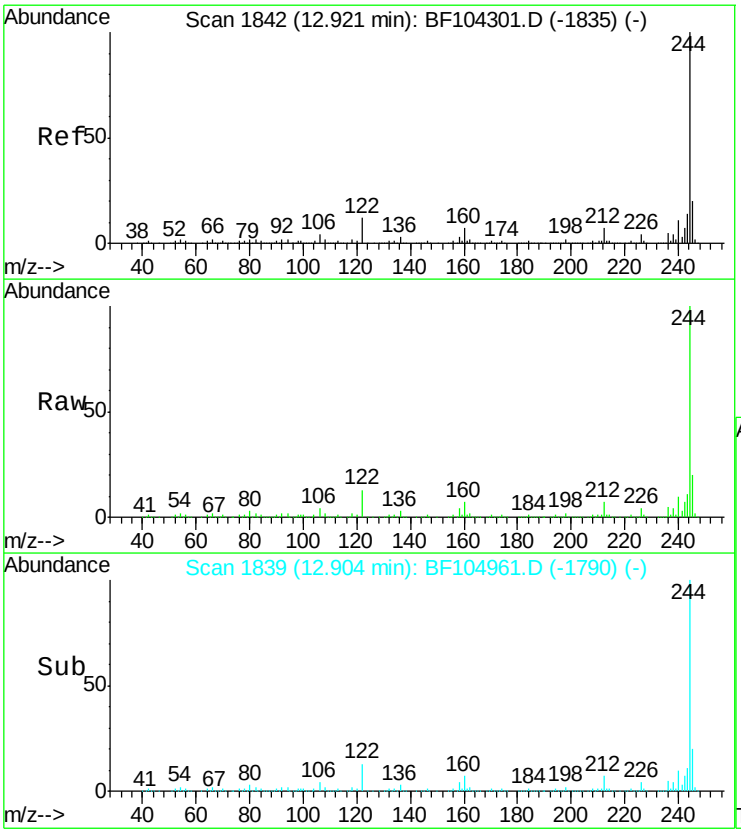
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 218454

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	24.7	20.7	31.1

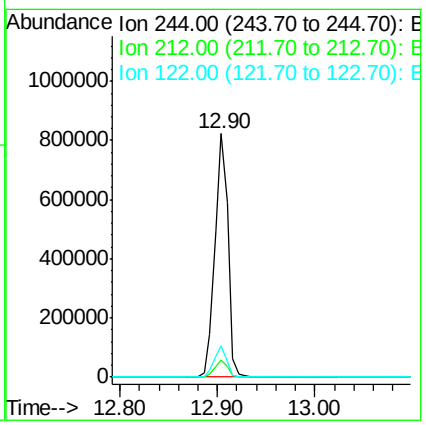


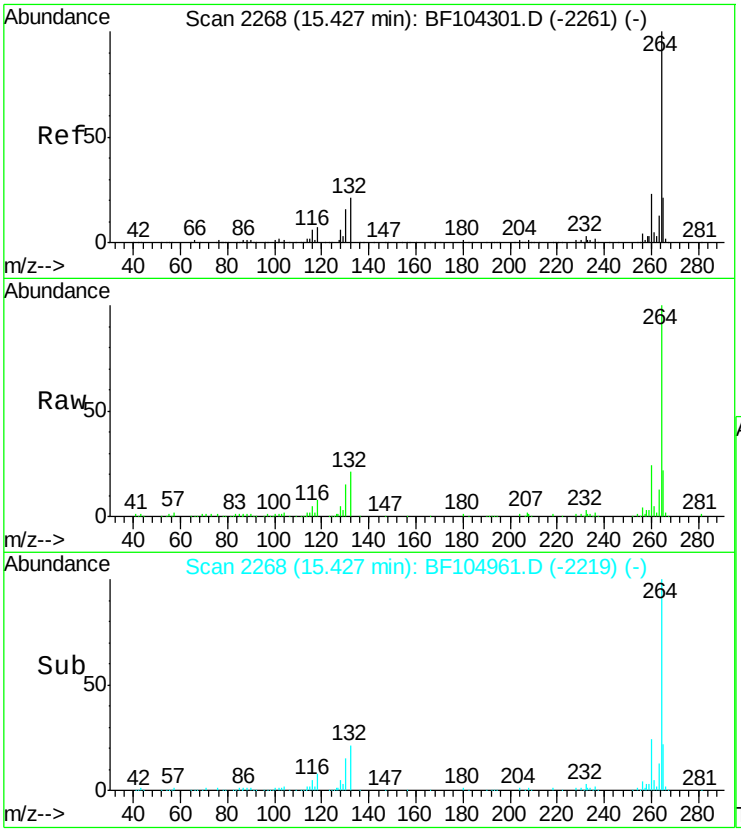


#78
Terphenyl-d14
Concen: 79.50 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Tgt Ion:244 Resp: 761777

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.8	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF104961.D
Acq: 1 May 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 167454

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3