Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104647.D
Acq On : 19 Apr 2018 23:50
Operator : JU/SJ
Sample : J2413-04RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 20 00:59:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139379	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	541636	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	226021	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	339892	20.00	ng		0.00
75) Chrysene-d12	13.97	240	278571	20.00	ng		-0.01
86) Perylene-d12	15.44	264	213968	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	764606	83.88	ng		0.00
7) Phenol-d6	6.45	99	927339	82.80	ng		0.00
23) Nitrobenzene-d5	7.37	82	572372	69.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	190299	81.17	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	954192	66.69	ng		0.00
78) Terphenyl-d14	12.92	244	713850	58.42	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1617	Below Cal		#	1
10) Phenol	6.46	94	34414	2.896	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	74026	10.115	ng	#	73
25) Isophorone	7.37	82	572364	32.631	ng	#	64
49) Dimethylphthalate	9.56	163	134505	7.546	ng		100
56) 2,4-Dinitrotoluene	9.84	165	29582	6.838	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	169	7.434	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	11114	3.074	ng	#	1
76) Benzidine	12.92	184	8998	Below Cal		#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
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Acq On : 19 Apr 2018 23:50
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Misc :
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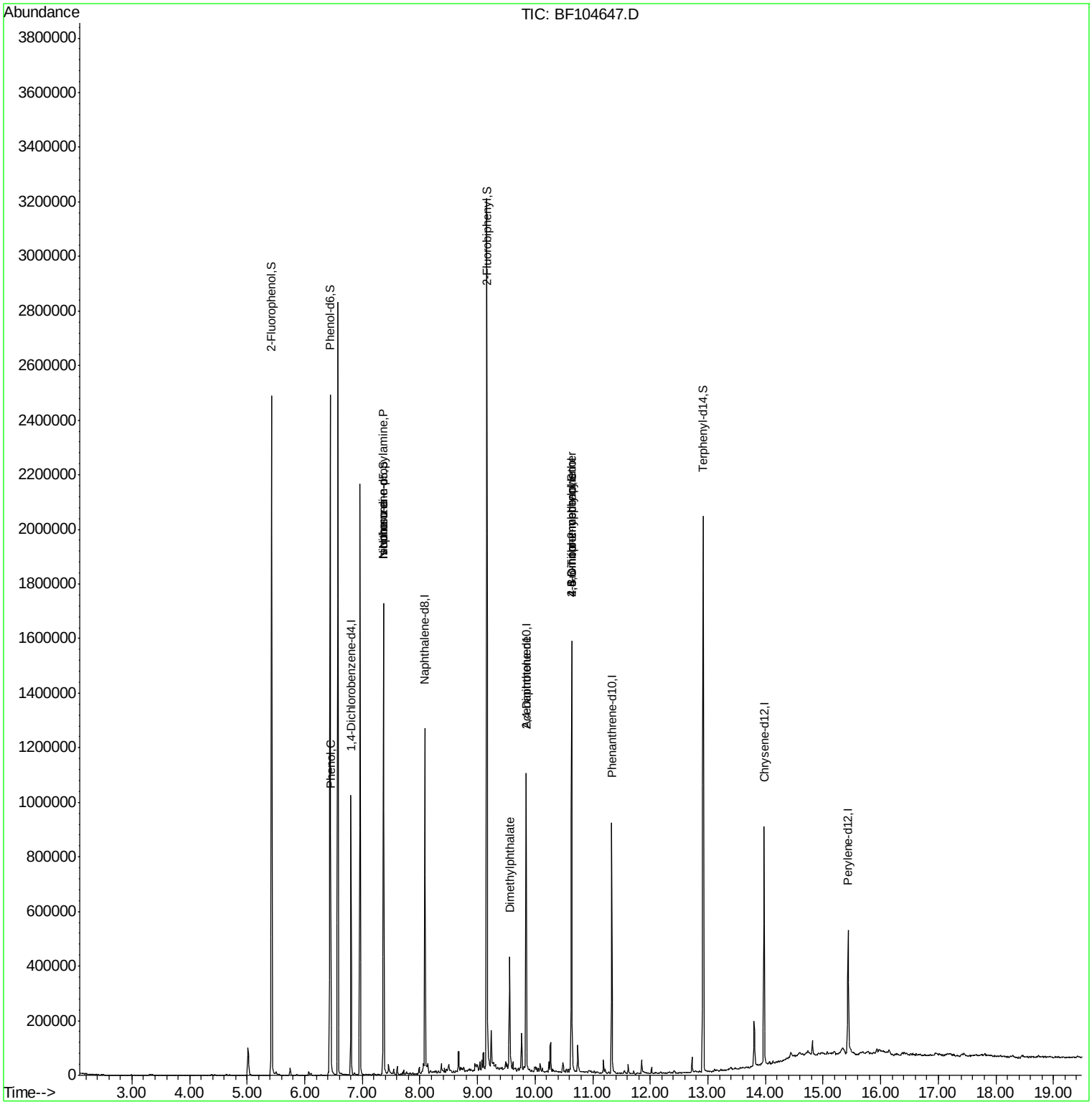
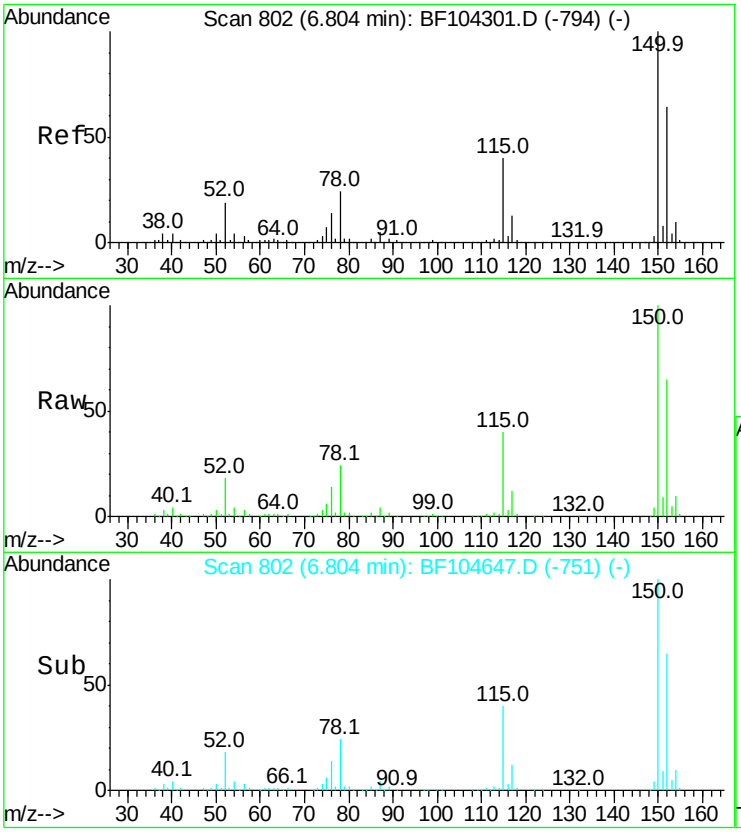
BNA_F
ClientSampleId :

Quant Time: Apr 20 00:59:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration



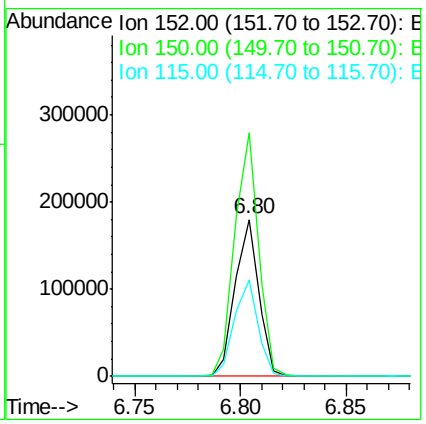


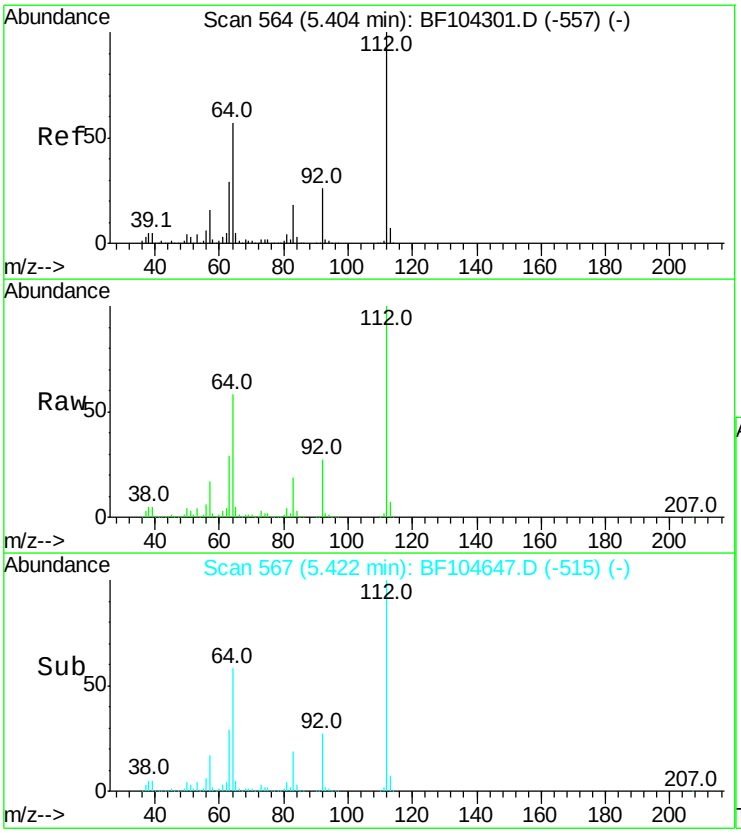
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139379

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	61.7	50.1	75.1

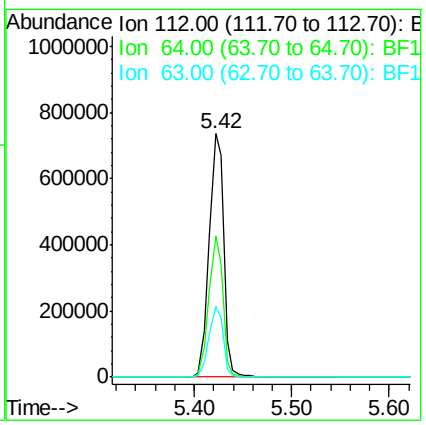


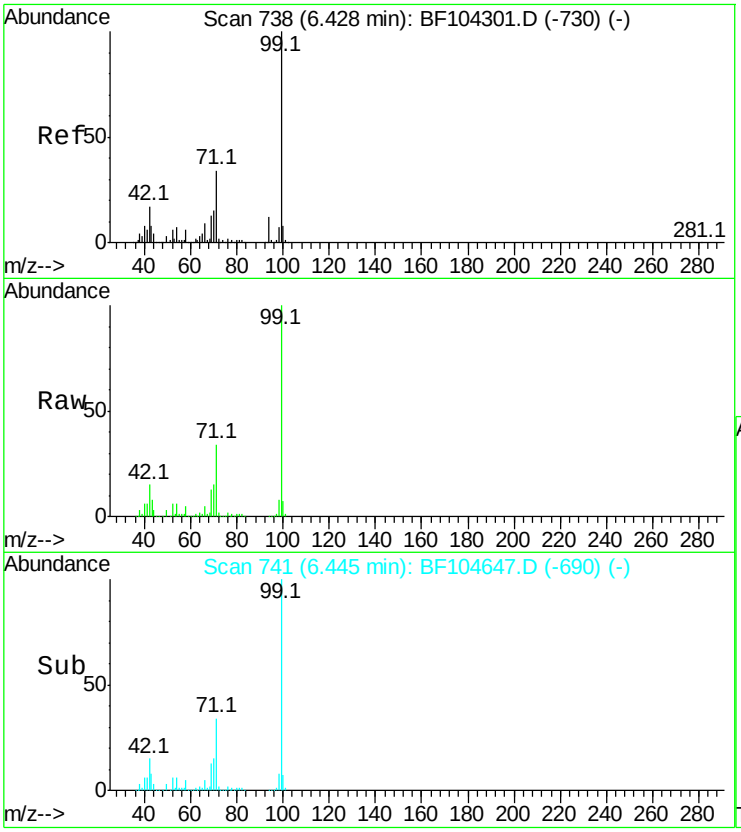


#5
2-Fluorophenol
Concen: 83.881 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion:112 Resp: 764606

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.0	23.7	35.5



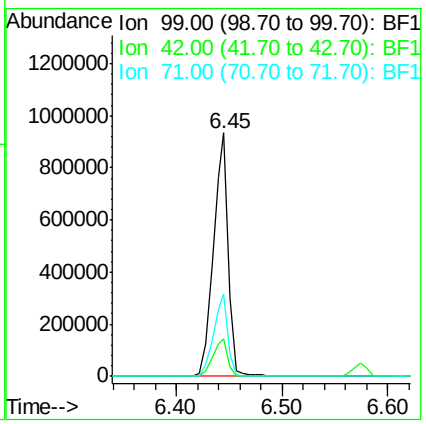


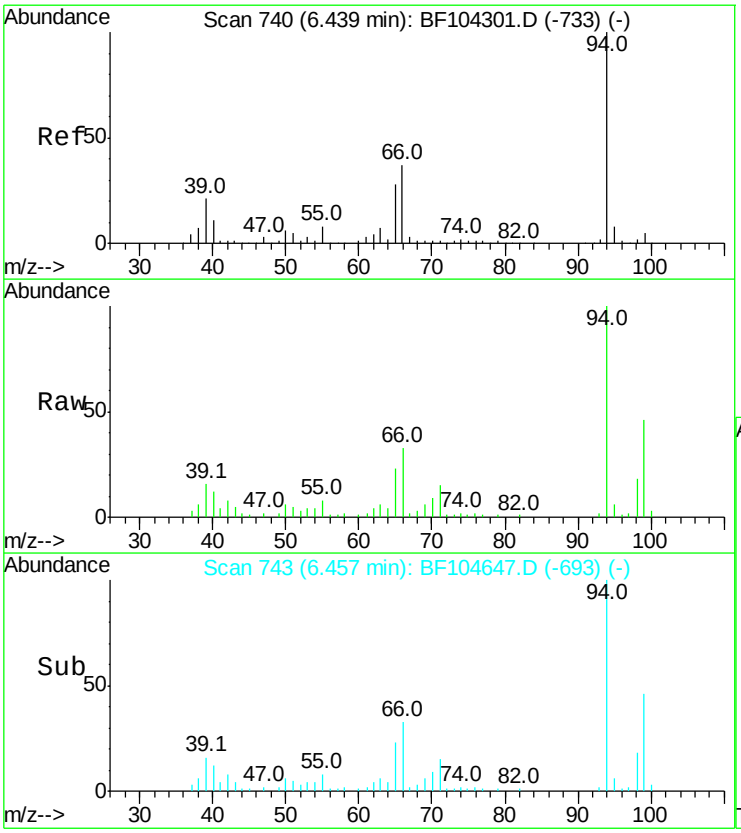
#7
Phenol-d6
Concen: 82.799 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 927339

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	33.9	25.4	38.0

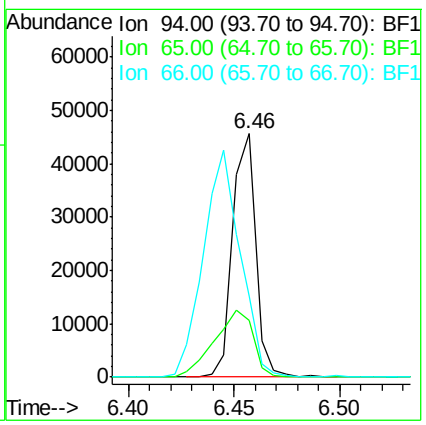


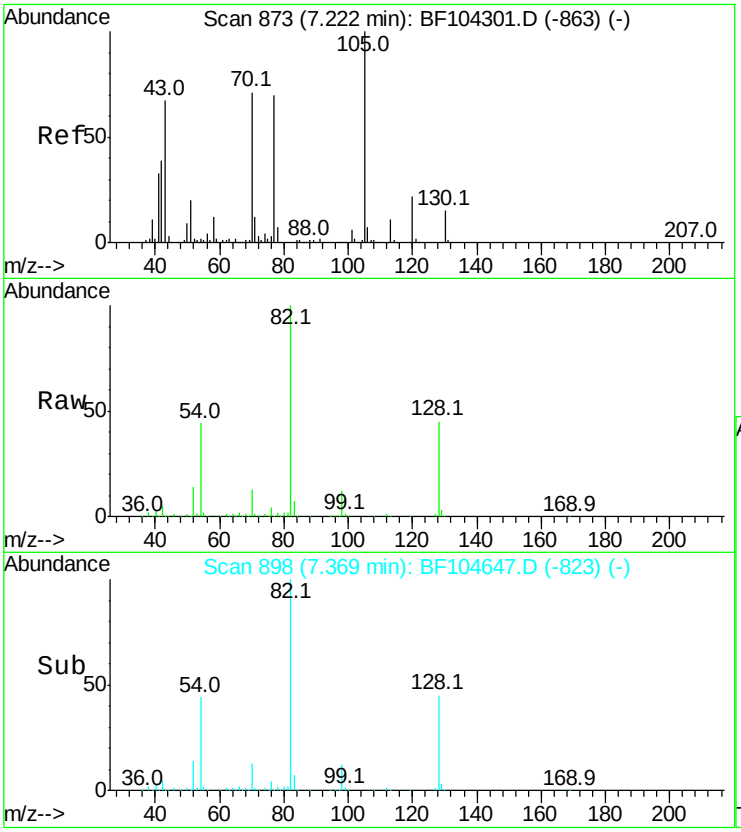


#10
Phenol
Concen: 2.896 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion: 94 Resp: 34414

Ion	Ratio	Lower	Upper
94	100		
65	23.2	7.9	47.9
66	33.5	16.2	56.2



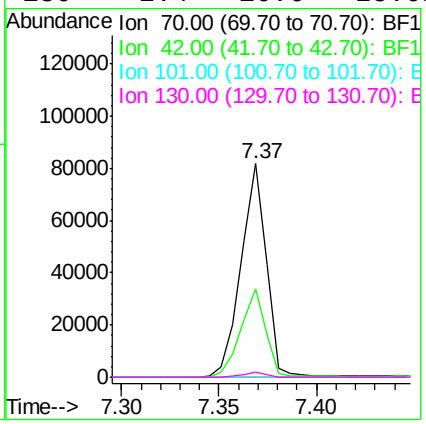


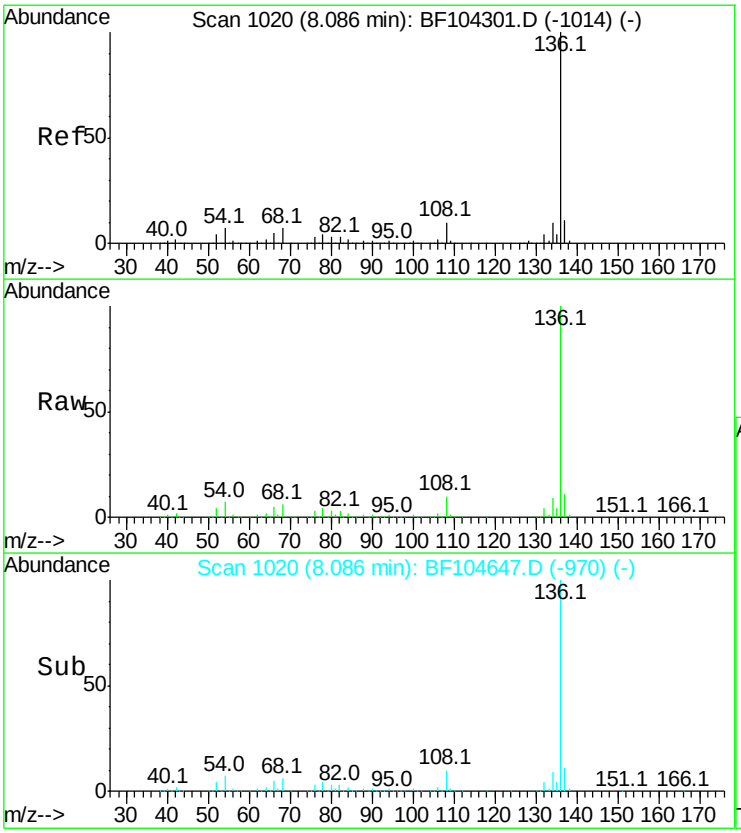
#19
n-Nitroso-di-n-propylamine
Concen: 10.115 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 74026

Ion	Ratio	Lower	Upper
70	100		
42	41.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

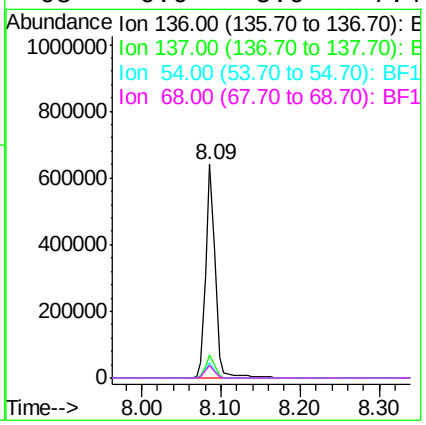


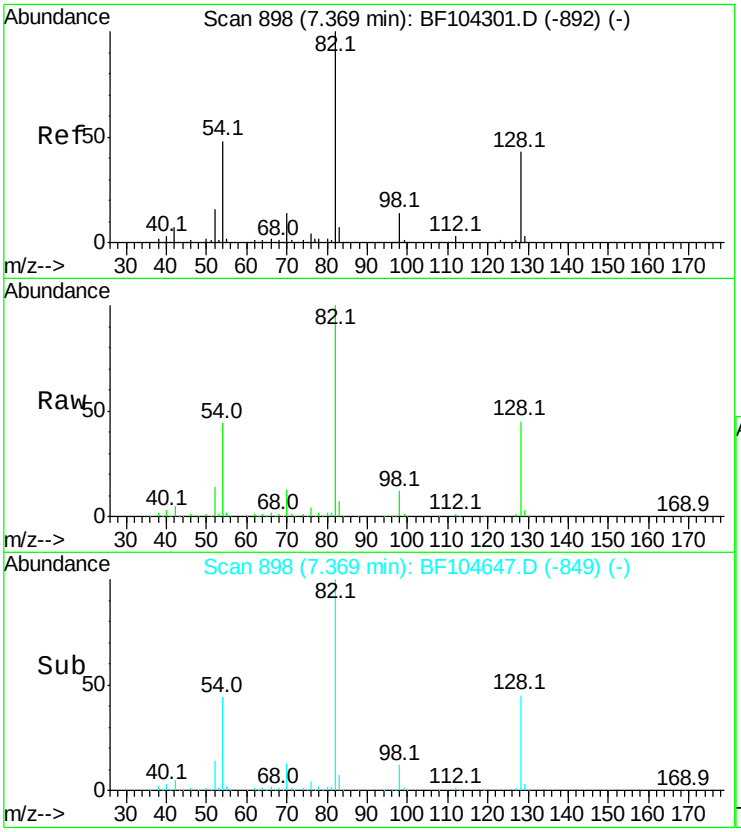


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion:136 Resp: 541636

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	6.0	5.0	7.4



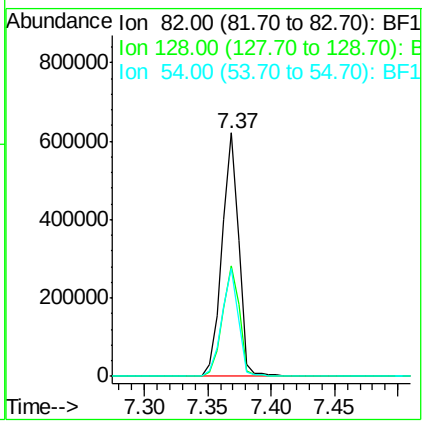


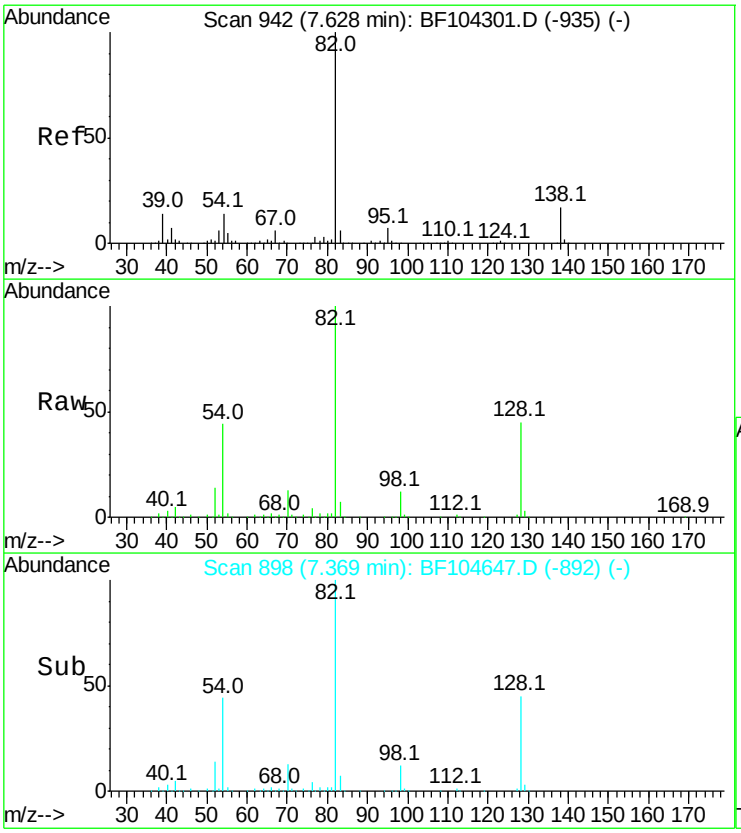
#23
Nitrobenzene-d5
Concen: 69.004 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 572372

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	44.4	41.4	62.2

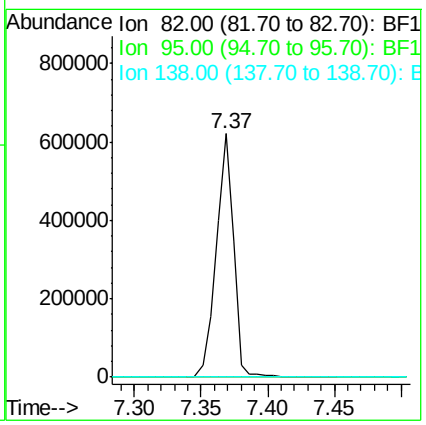


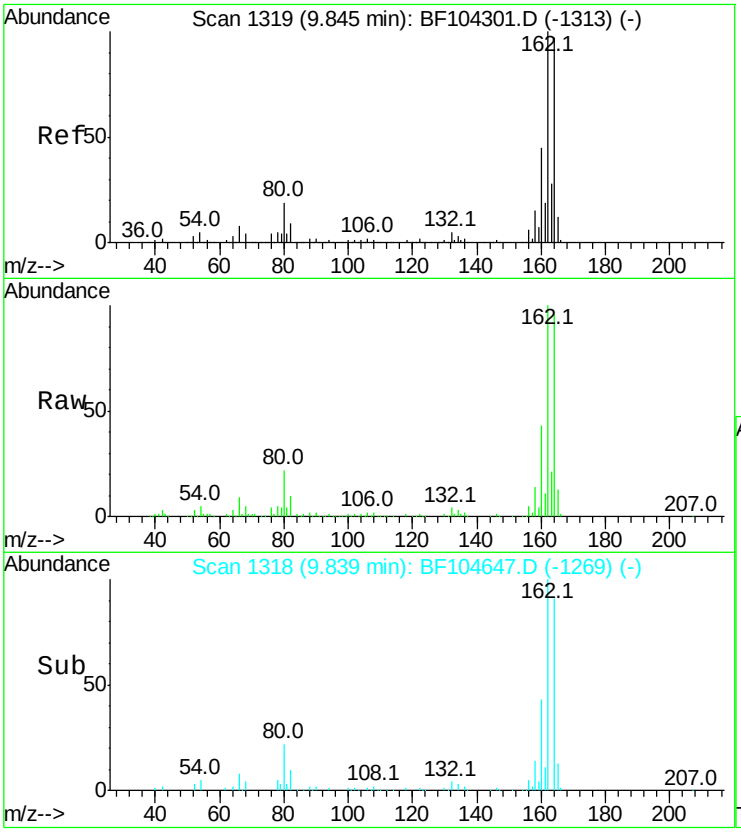


#25
Isophorone
Concen: 32.631 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion: 82 Resp: 572364

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



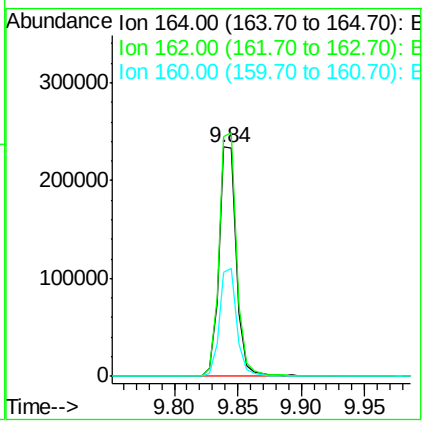


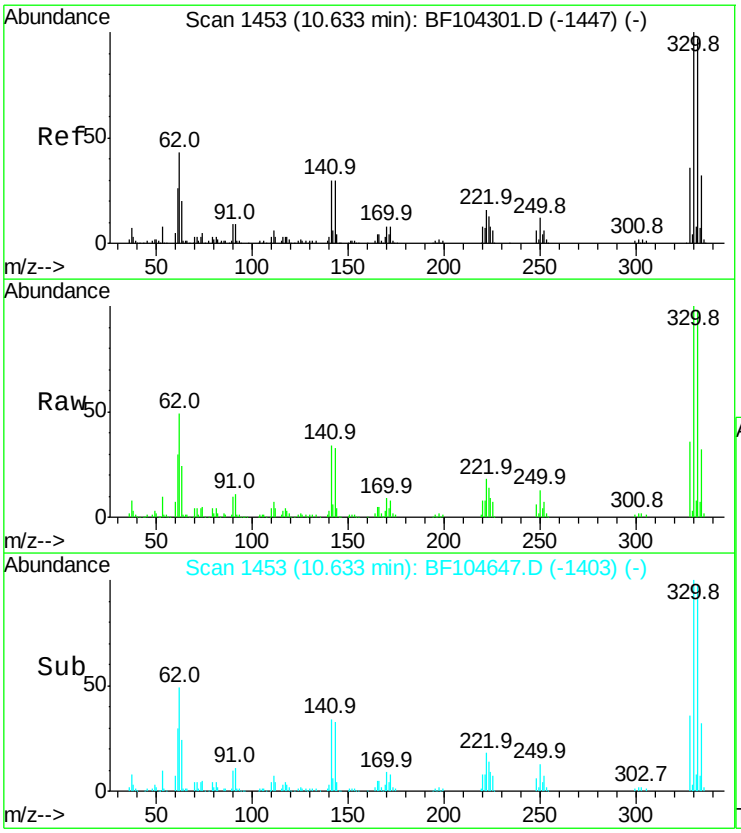
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 226021

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.5	38.3	57.5

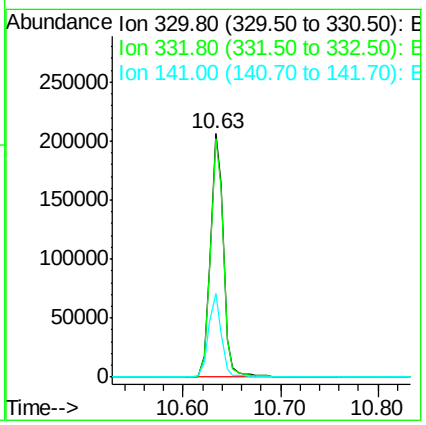


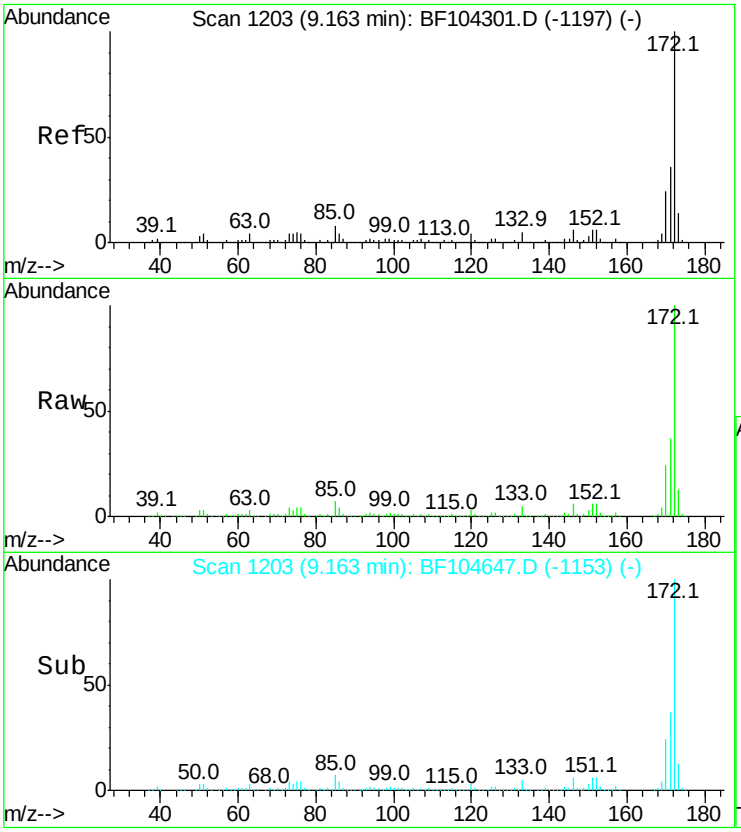


#41
2,4,6-Tribromophenol
Concen: 81.166 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion:330 Resp: 190299

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.6	29.9	44.9



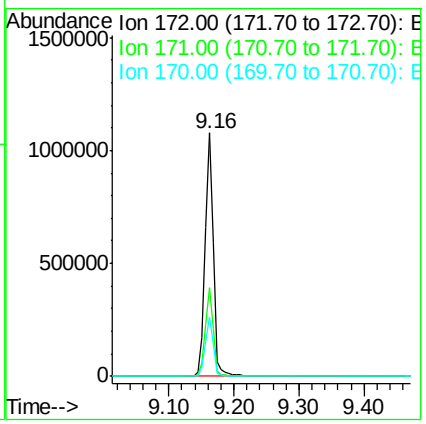


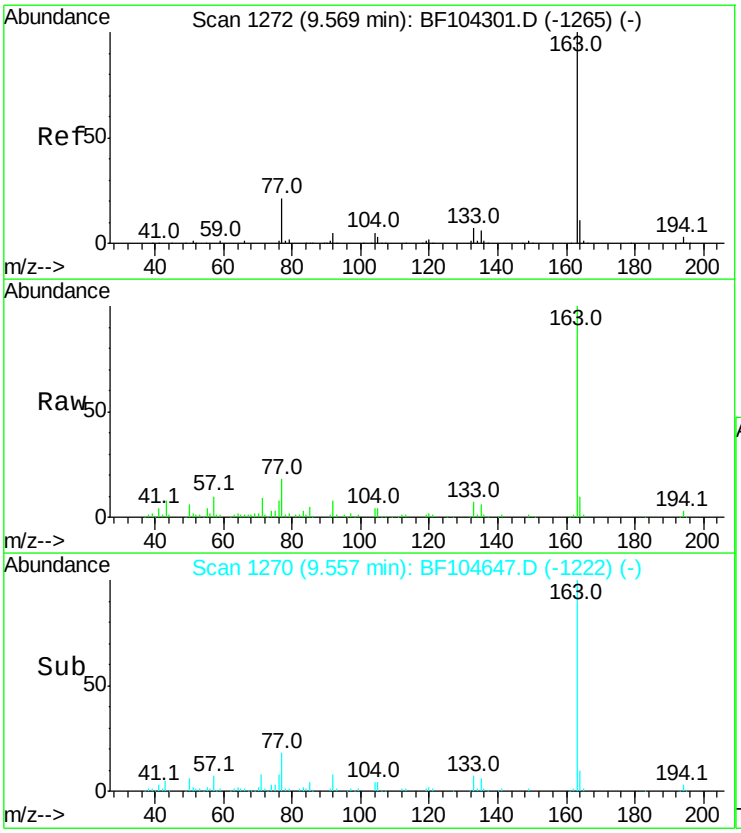
#44
2-Fluorobiphenyl
Concen: 66.692 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 954192

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

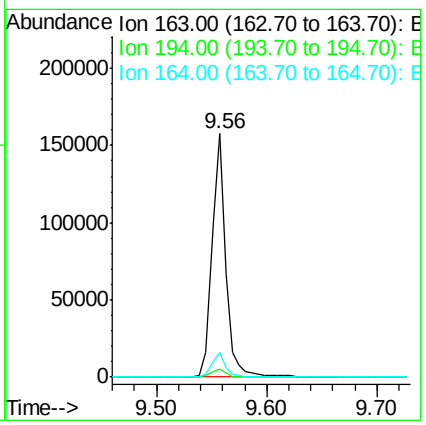


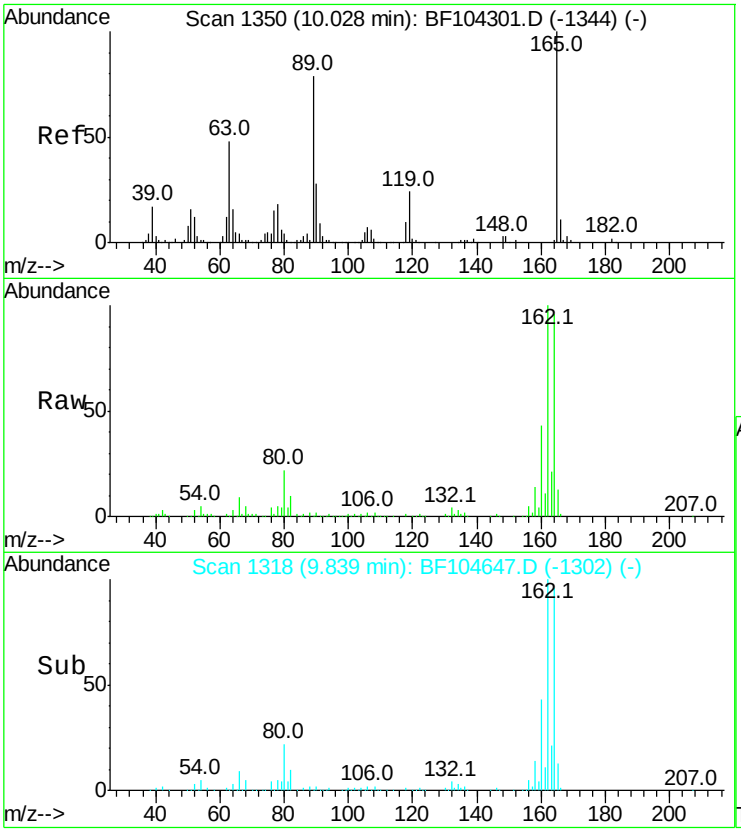


#49
Dimethylphthalate
Concen: 7.546 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion:163 Resp: 134505

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.4	8.2	12.2



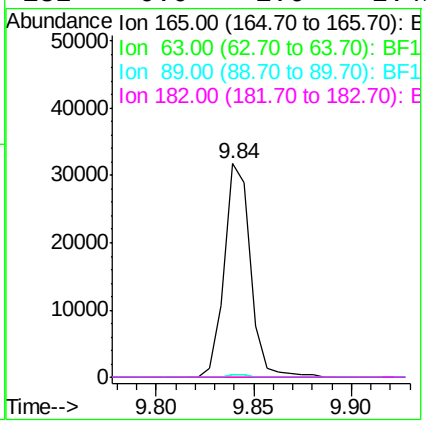


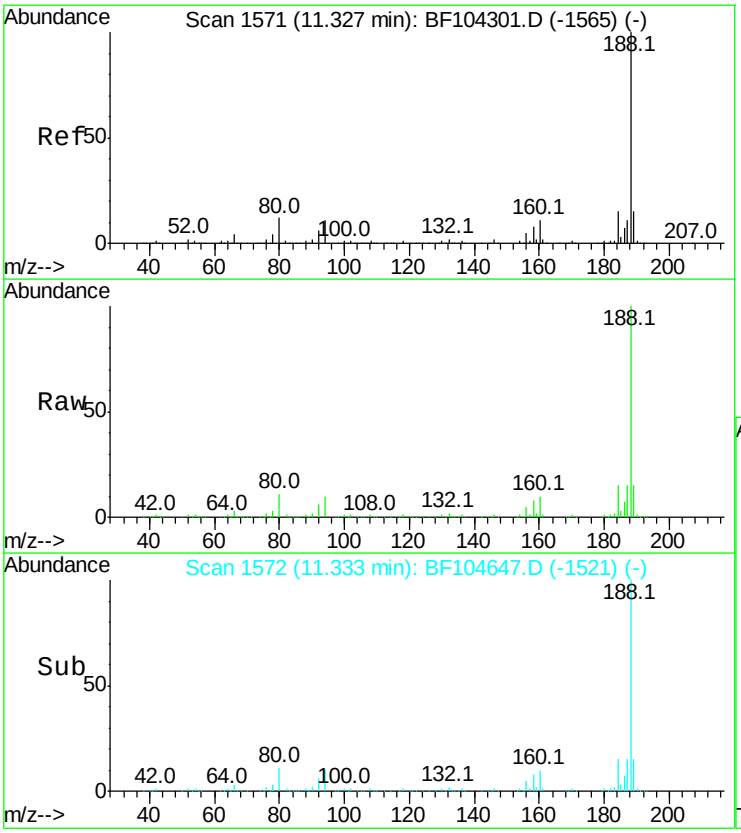
#56
2,4-Dinitrotoluene
Concen: 6.838 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29582

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

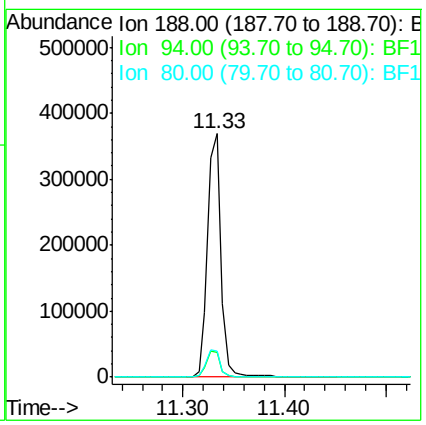


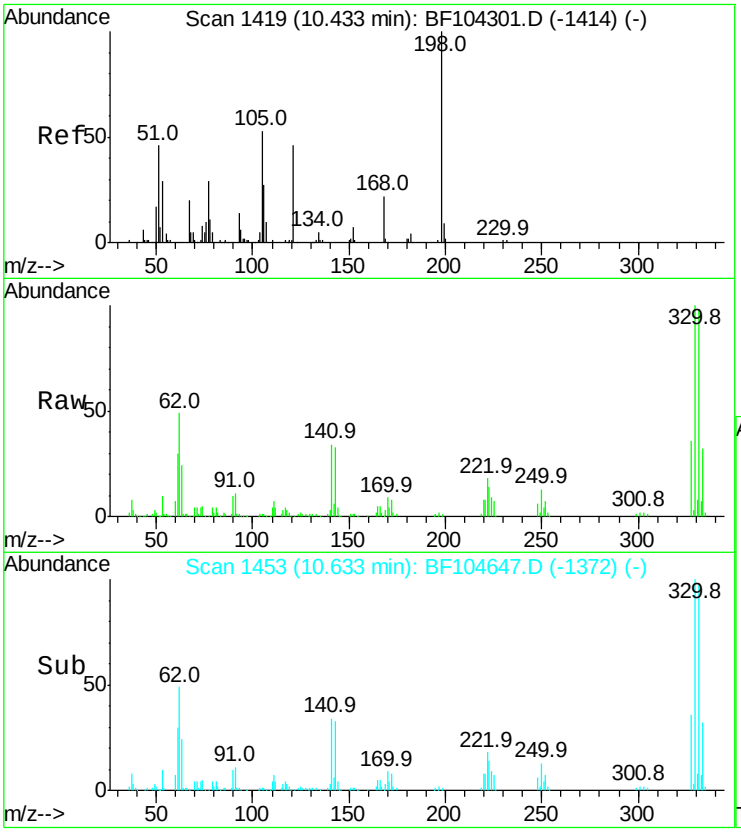


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion:188 Resp: 339892

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.8	9.2	13.8



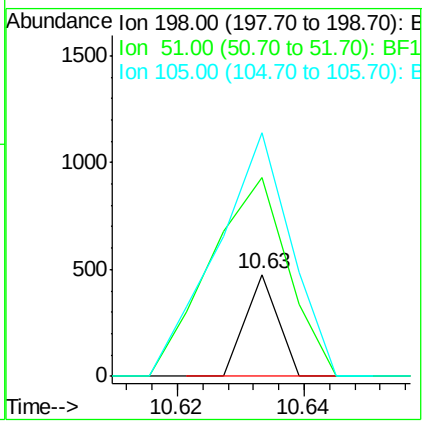


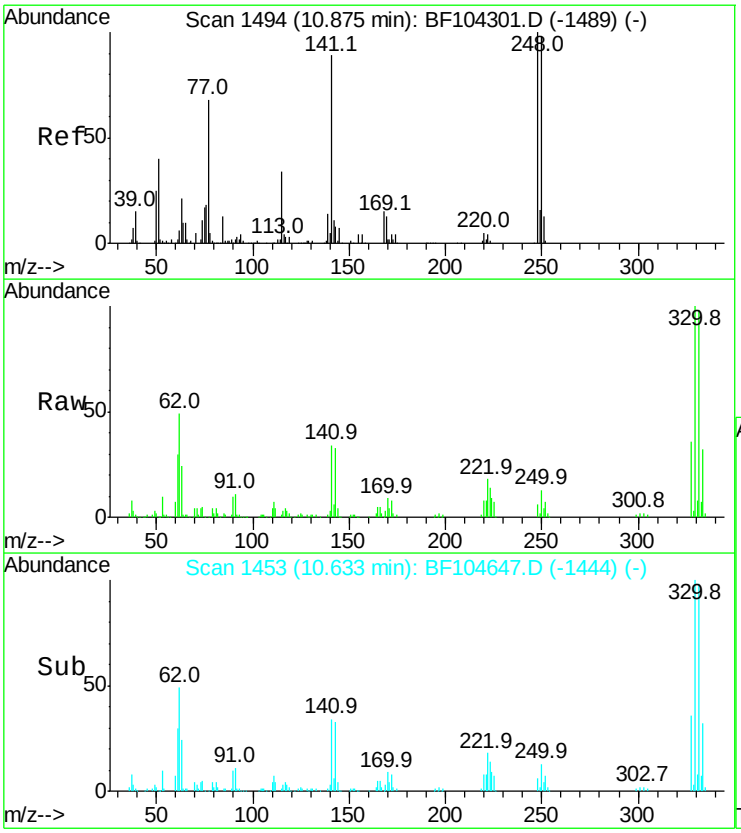
#64
4,6-Dinitro-2-methylphenol
Concen: 7.434 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 169

Ion	Ratio	Lower	Upper
198	100		
51	195.0	37.7	77.7#
105	238.3	36.3	76.3#

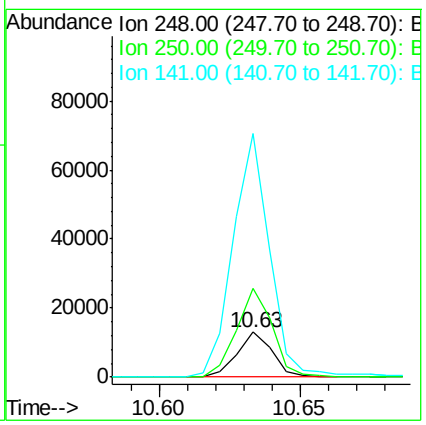


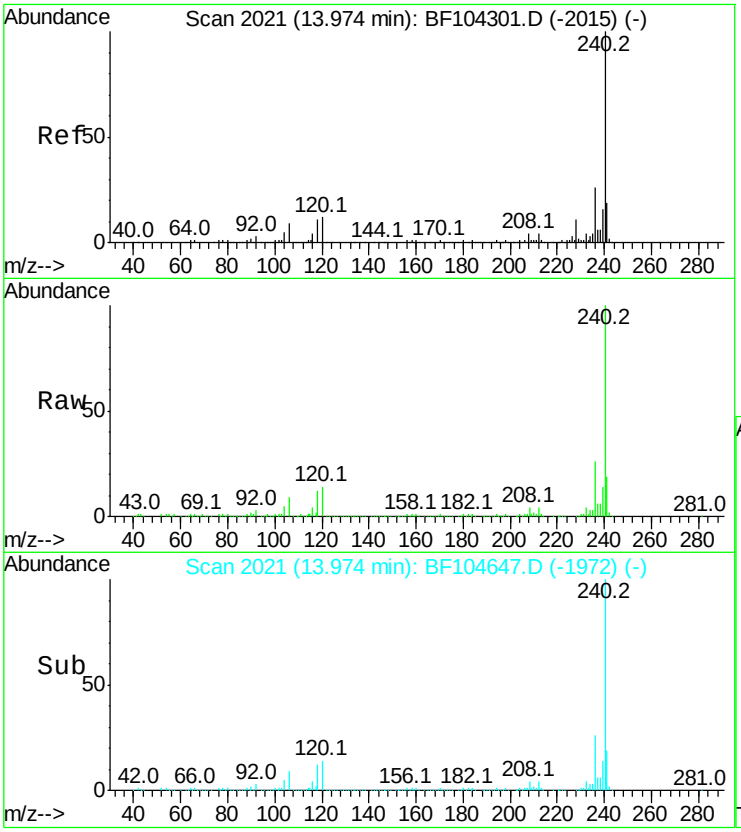


#66
4-Bromophenyl-phenylether
Concen: 3.074 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion:248 Resp: 11114

Ion	Ratio	Lower	Upper
248	100		
250	199.9	76.9	115.3#
141	545.8	74.4	111.6#



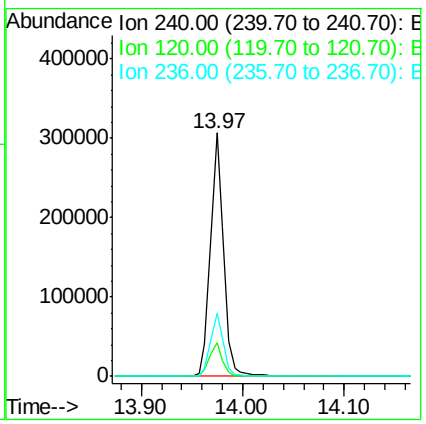


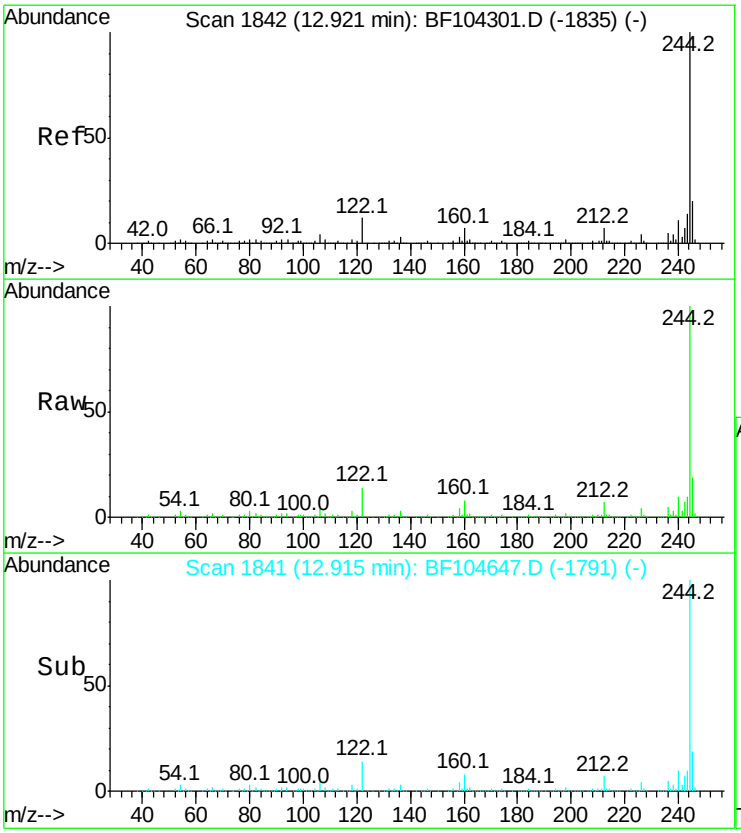
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 278571

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.0	20.7	31.1

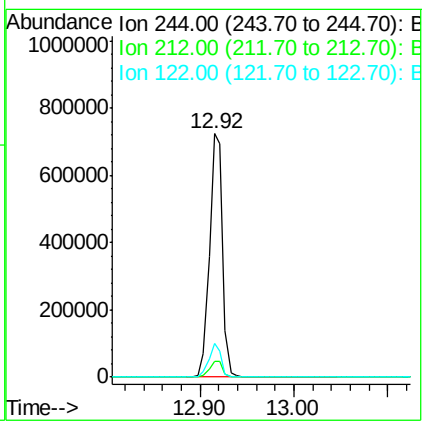


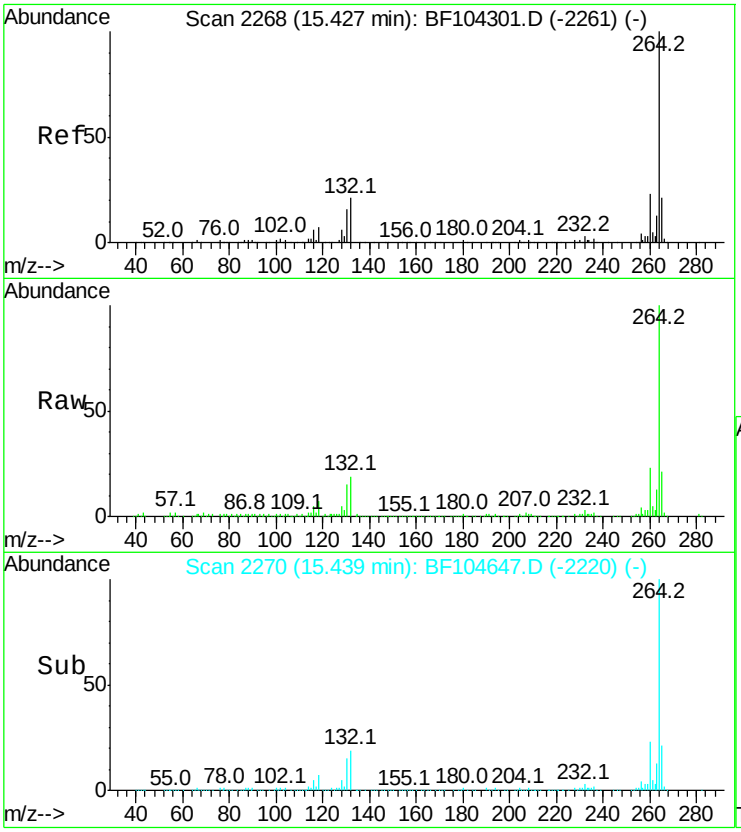


#78
Terphenyl-d14
Concen: 58.422 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion:244 Resp: 713850

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 213968

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.7	17.5	26.3