Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104470.D
Acq On : 12 Apr 2018 23:50
Operator : JU/SJ
Sample : J2337-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 01:36:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109872	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	408123	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	152983	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	241621	20.00	ng		0.00
75) Chrysene-d12	13.98	240	210833	20.00	ng		-0.01
86) Perylene-d12	15.45	264	148227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	901629	125.48	ng		0.02
7) Phenol-d6	6.45	99	987032	111.80	ng		0.00
23) Nitrobenzene-d5	7.37	82	710848	113.73	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	220227	138.78	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1167836	120.59	ng		0.00
78) Terphenyl-d14	12.93	244	1007253	108.92	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	21040	2.371	ng		83
19) n-Nitroso-di-n-propylamine	7.37	70	92379	16.012	ng	#	76
25) Isophorone	7.37	82	710840	53.783	ng	#	64
50) 2,6-Dinitrotoluene	9.85	165	19242	8.620	ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	19242	6.571	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	430	7.657	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	13471	5.241	ng	#	1
76) Benzidine	12.93	184	13217	Below Cal		#	95

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

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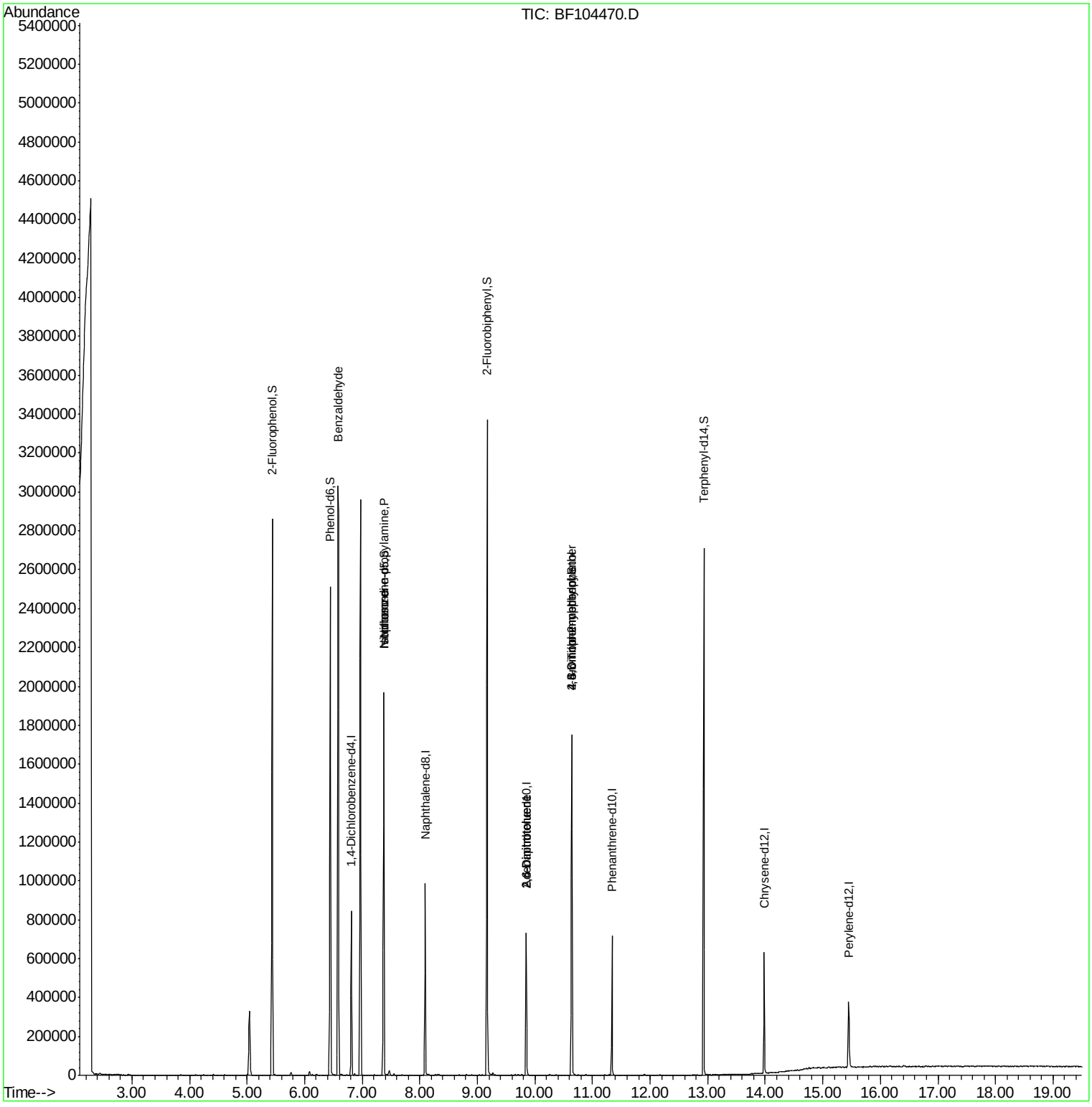
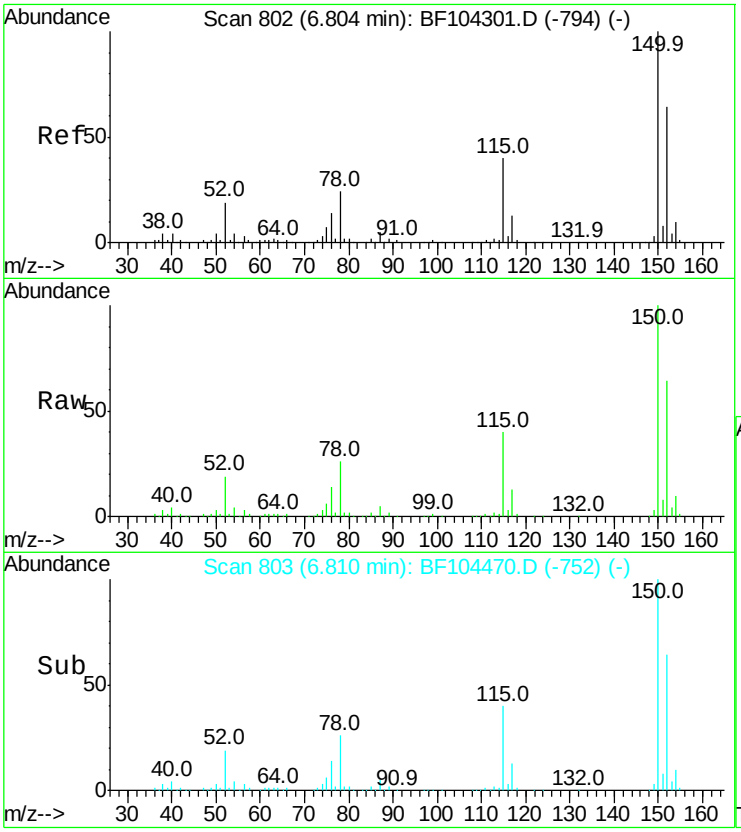


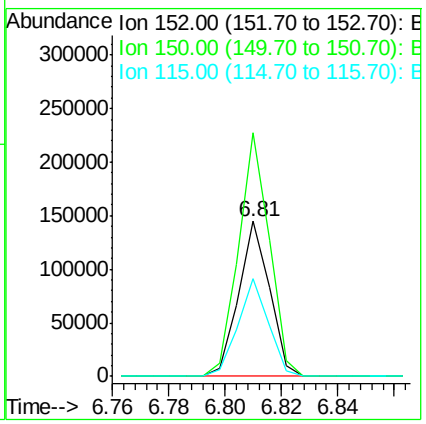


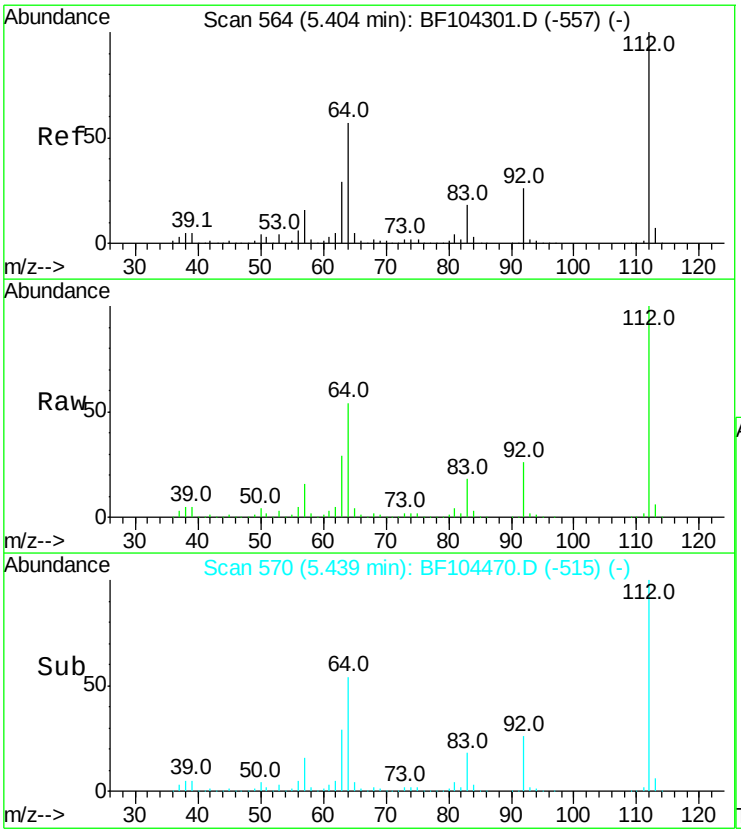
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109872

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.4	50.1	75.1

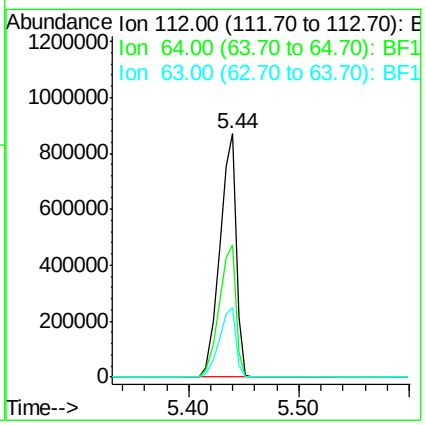


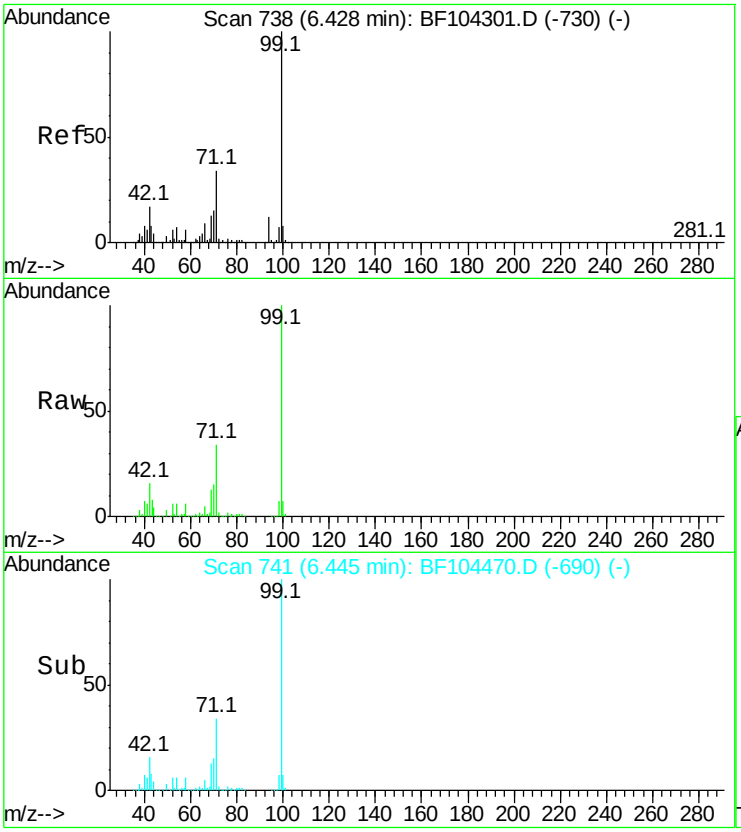


#5
2-Fluorophenol
Concen: 125.477 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion:112 Resp: 901629

Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	28.5	23.7	35.5



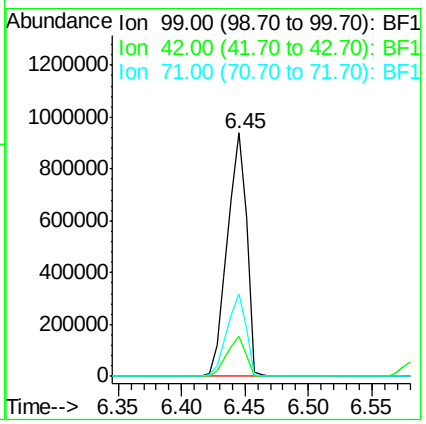


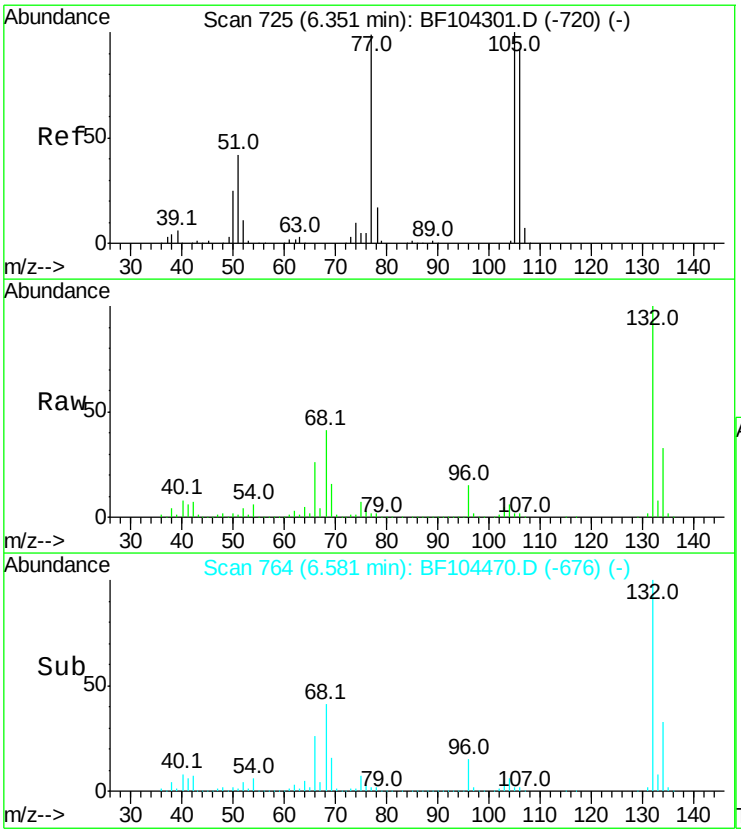
#7
Phenol-d6
Concen: 111.797 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 987032

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.8	25.4	38.0

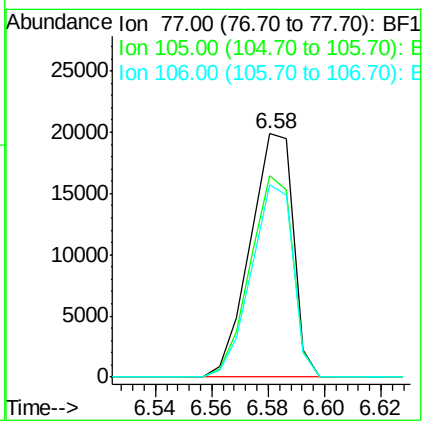


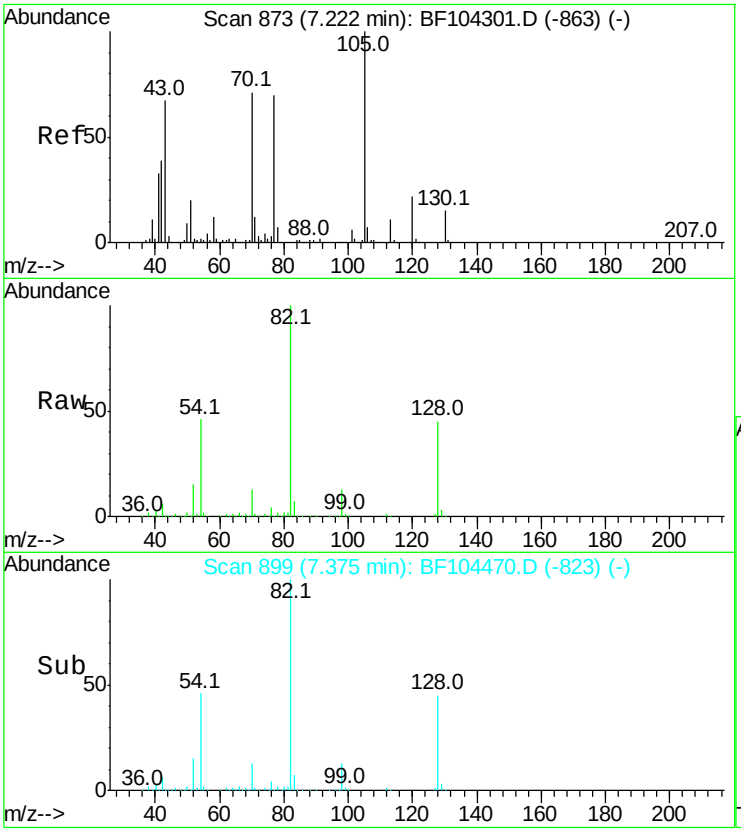


#9
Benzaldehyde
Concen: 2.371 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.22 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion: 77 Resp: 21040

Ion	Ratio	Lower	Upper
77	100		
105	82.9	81.1	121.1
106	78.9	74.5	114.5



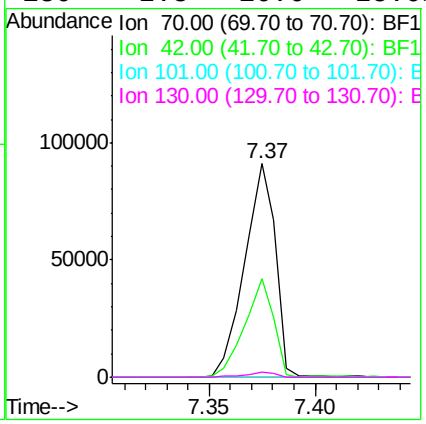


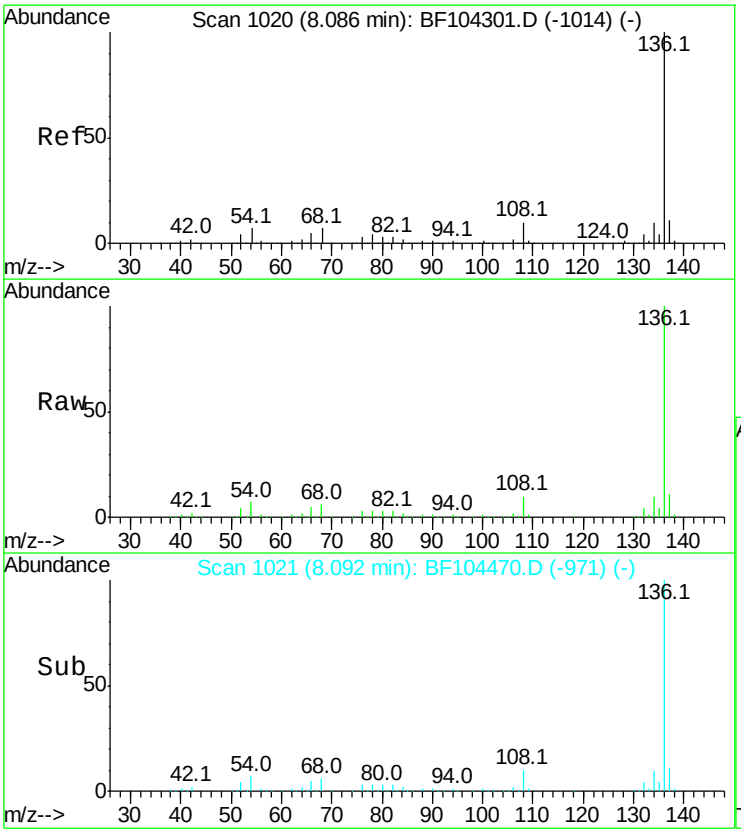
#19
n-Nitroso-di-n-propylamine
Concen: 16.012 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 92379

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

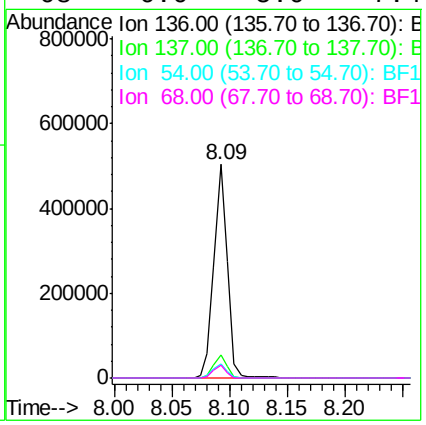


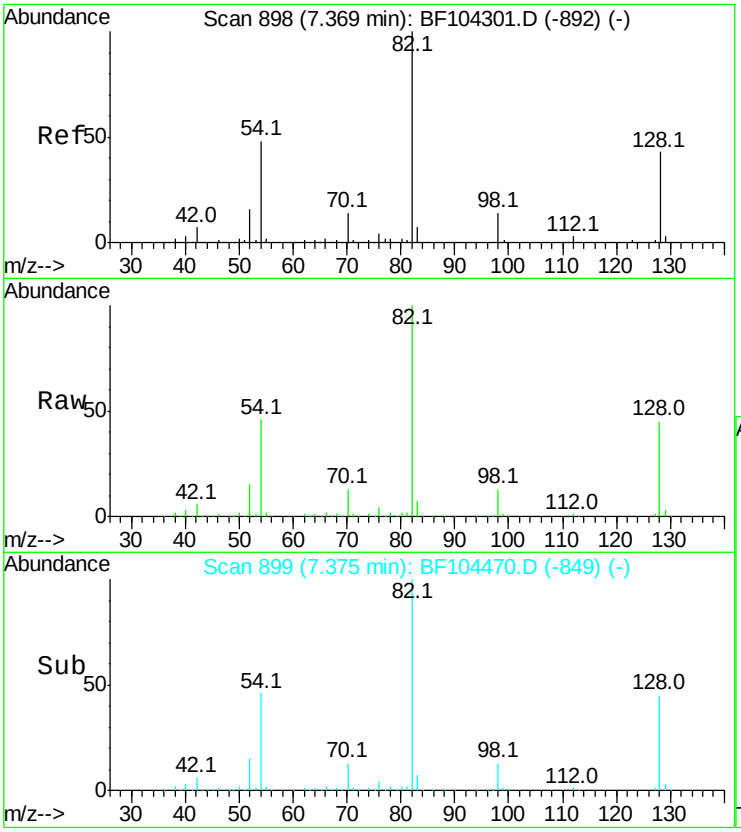


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion:136 Resp: 408123

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4

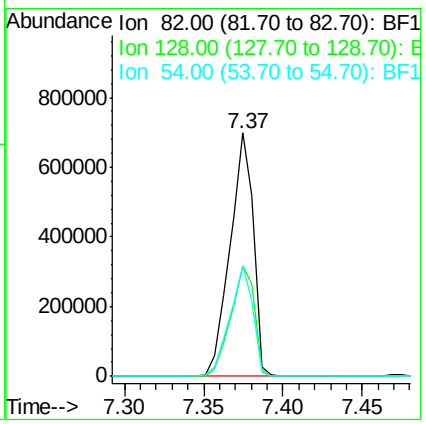




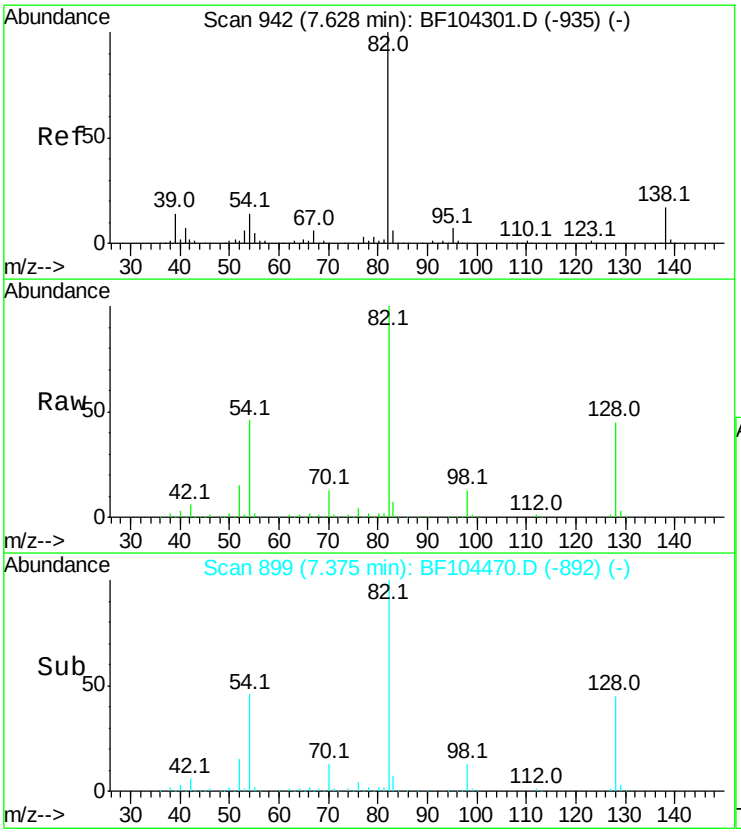
#23
Nitrobenzene-d5
Concen: 113.733 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion: 82 Resp: 710848

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	45.6	41.4	62.2



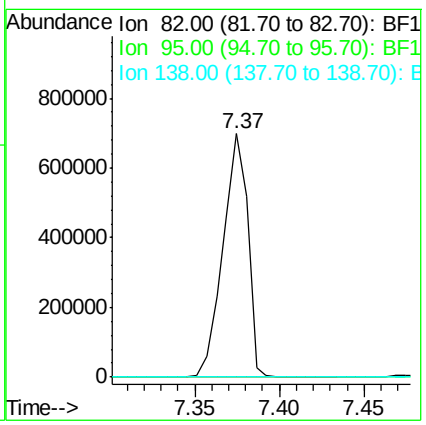
Instrument :
BNA_F
ClientSampleId :

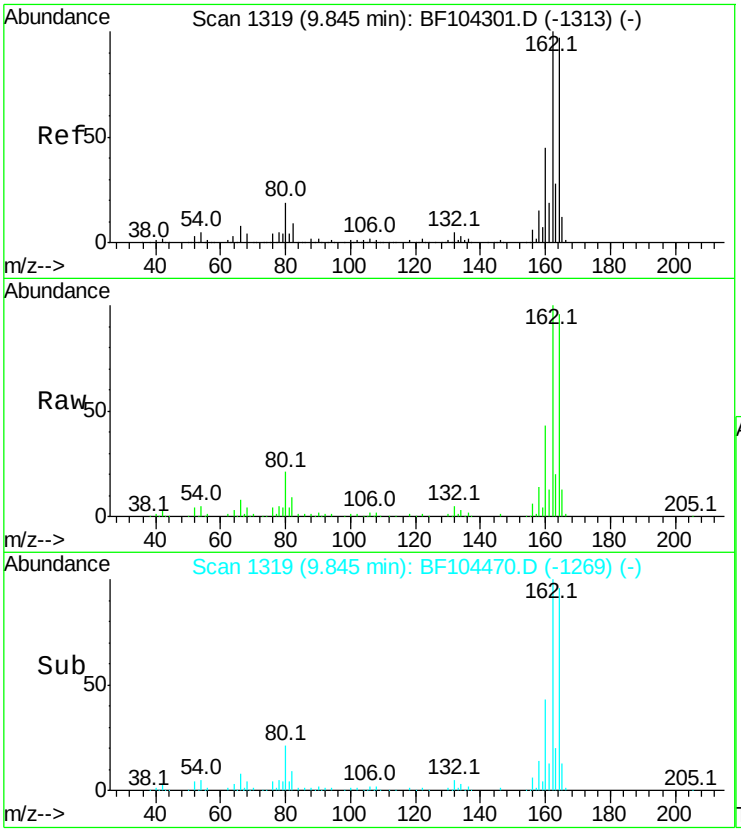


#25
Isophorone
Concen: 53.783 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion: 82 Resp: 710840

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



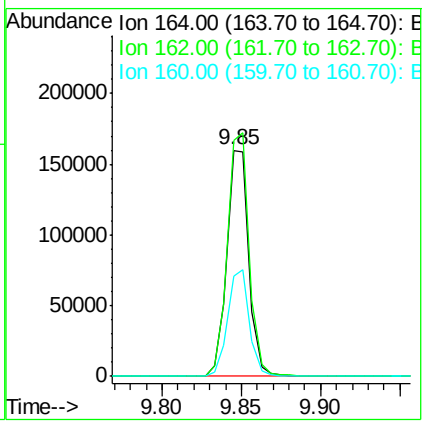


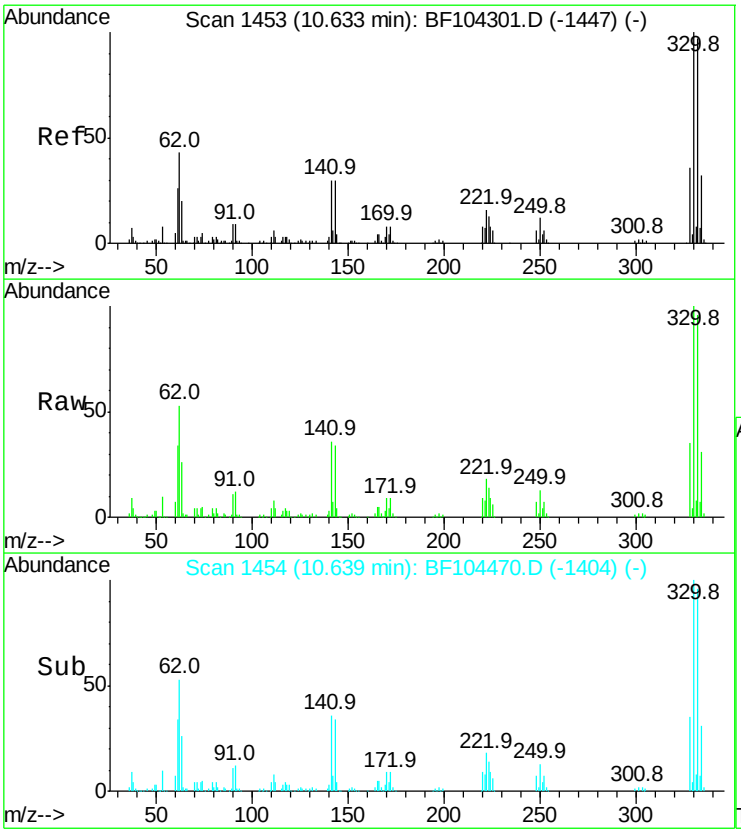
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 152983

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	44.5	38.3	57.5

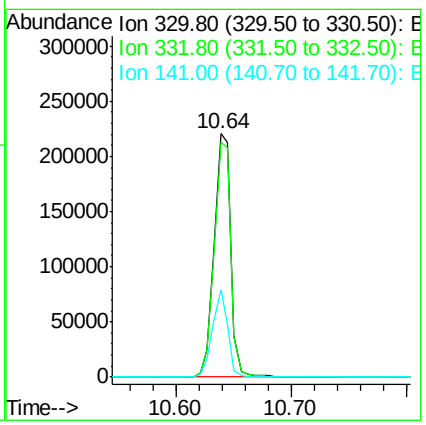


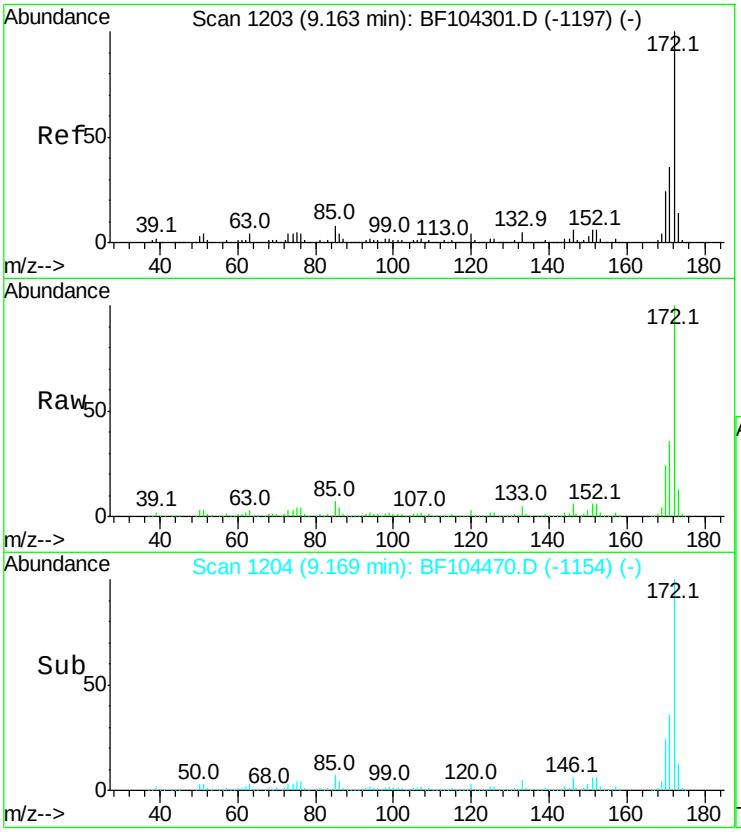


#41
2,4,6-Tribromophenol
Concen: 138.775 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion:330 Resp: 220227

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.0	29.9	44.9



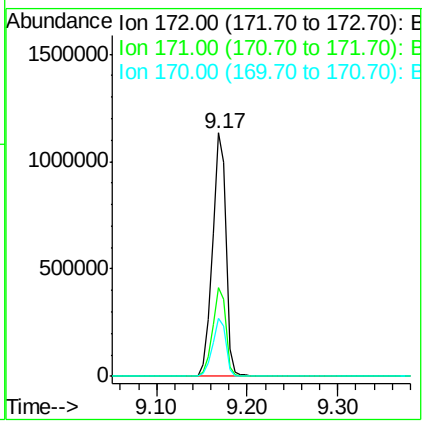


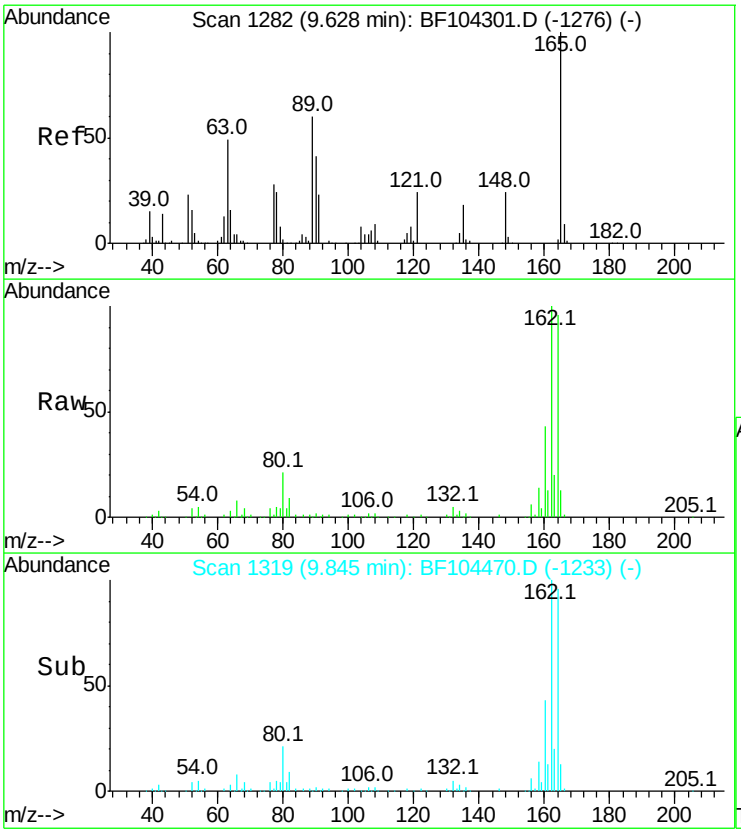
#44
2-Fluorobiphenyl
Concen: 120.594 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1167836

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4

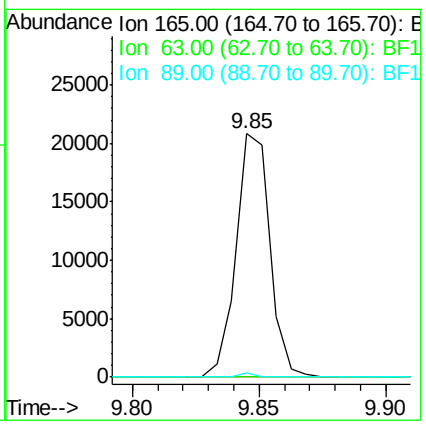


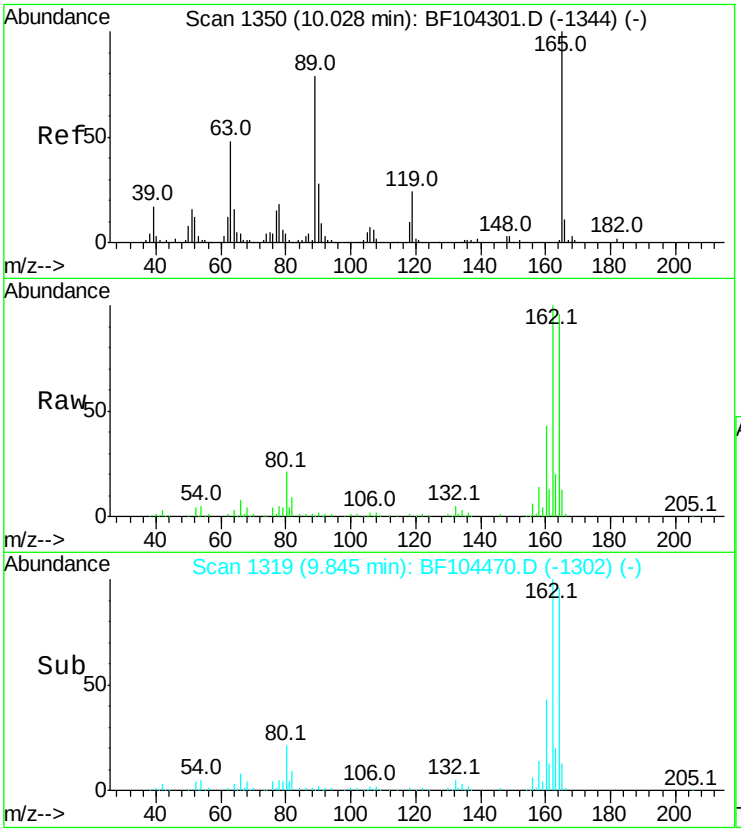


#50
2,6-Dinitrotoluene
Concen: 8.620 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion:165 Resp: 19242

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



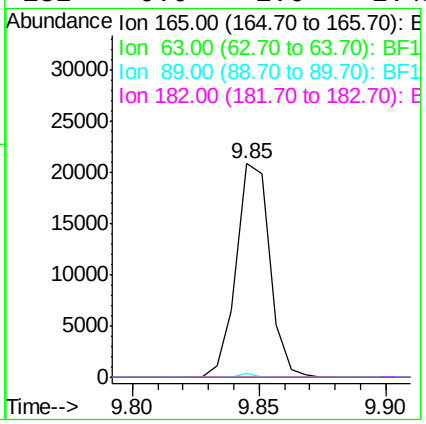


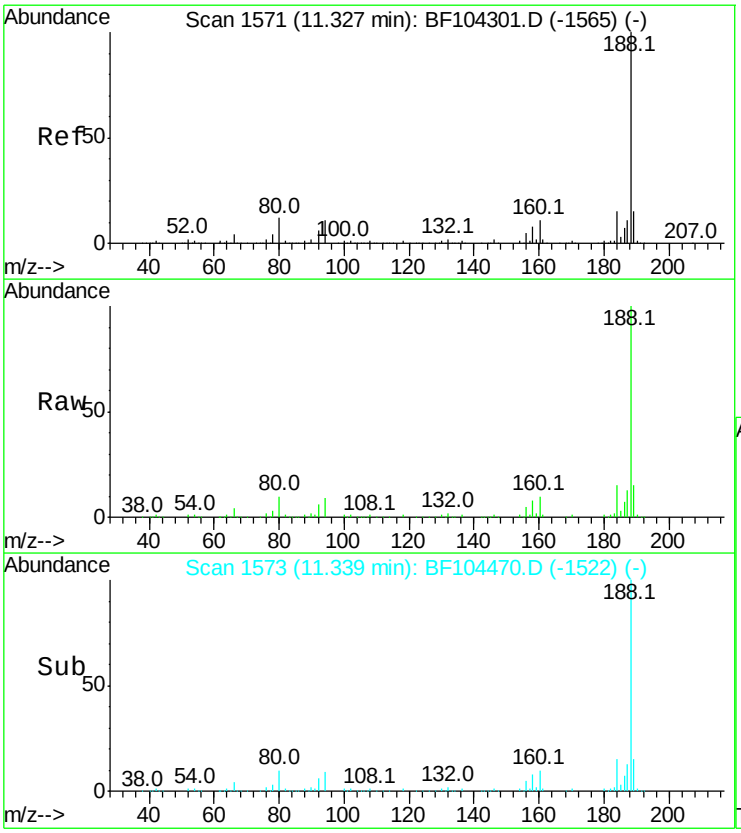
#56
2,4-Dinitrotoluene
Concen: 6.571 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19242

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

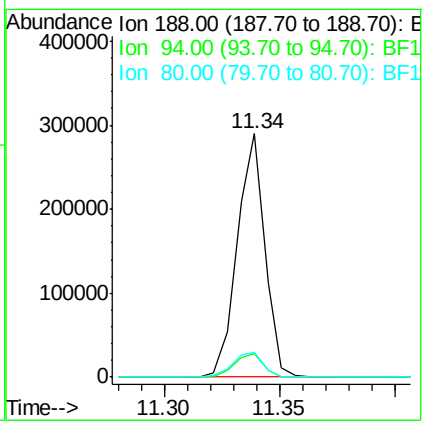


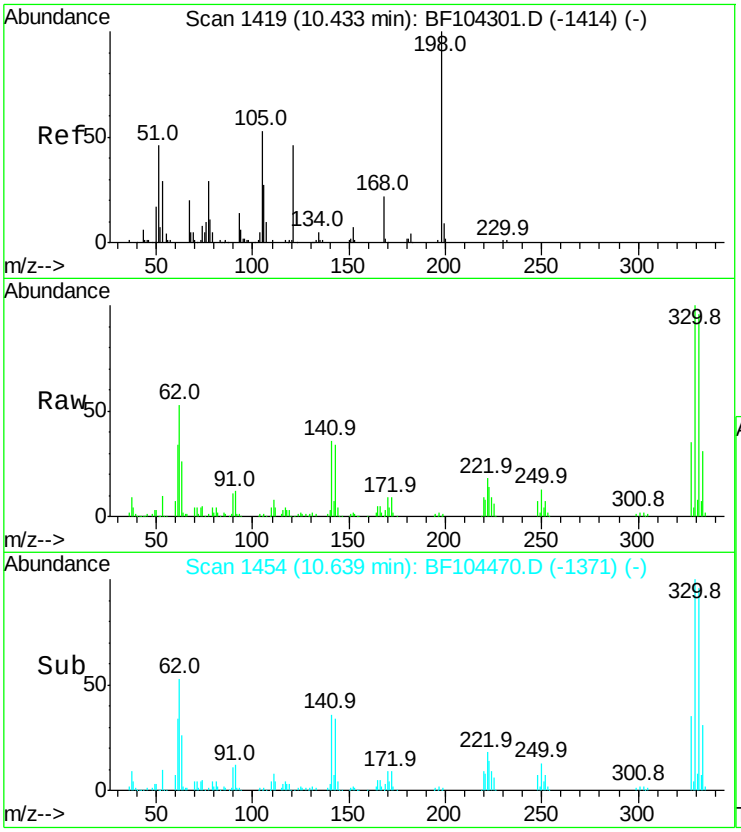


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion:188 Resp: 241621

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.4	9.2	13.8



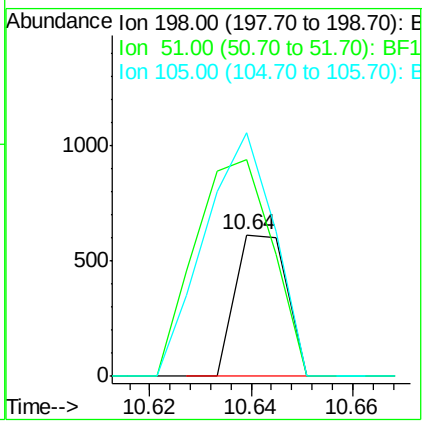


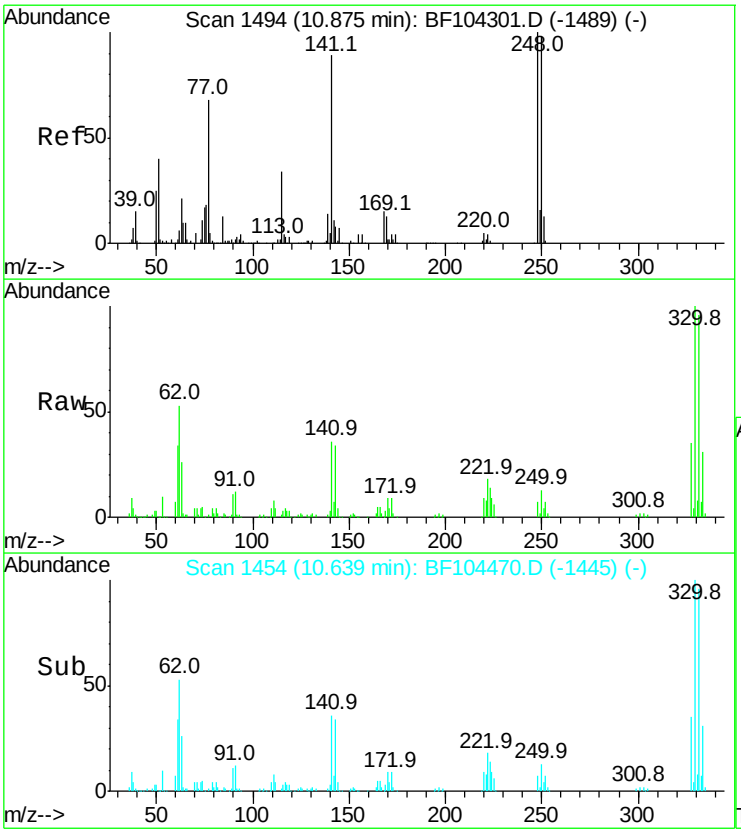
#64
4,6-Dinitro-2-methylphenol
Concen: 7.657 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 430

Ion	Ratio	Lower	Upper
198	100		
51	152.9	37.7	77.7#
105	172.0	36.3	76.3#

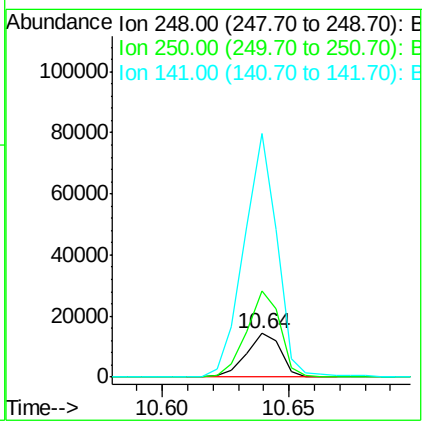


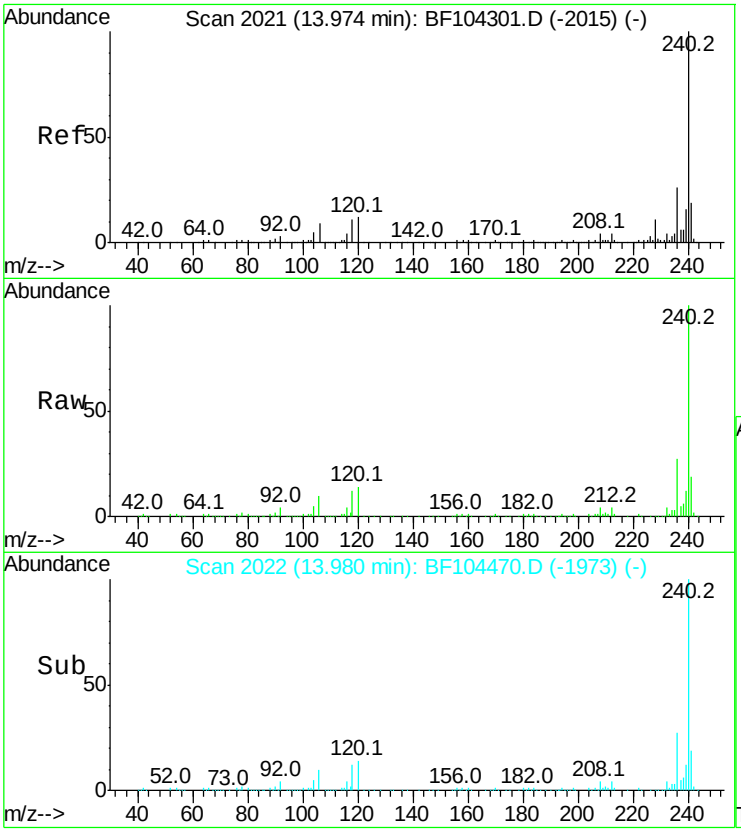


#66
4-Bromophenyl-phenylether
Concen: 5.241 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion:248 Resp: 13471

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.9	115.3#
141	555.6	74.4	111.6#



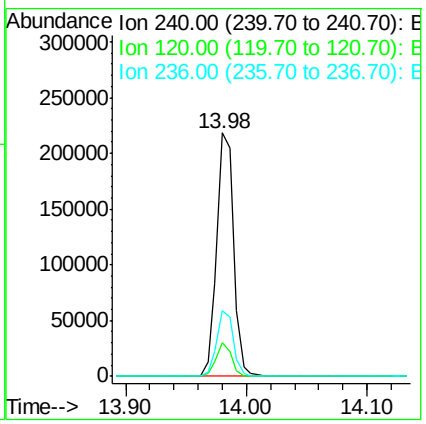


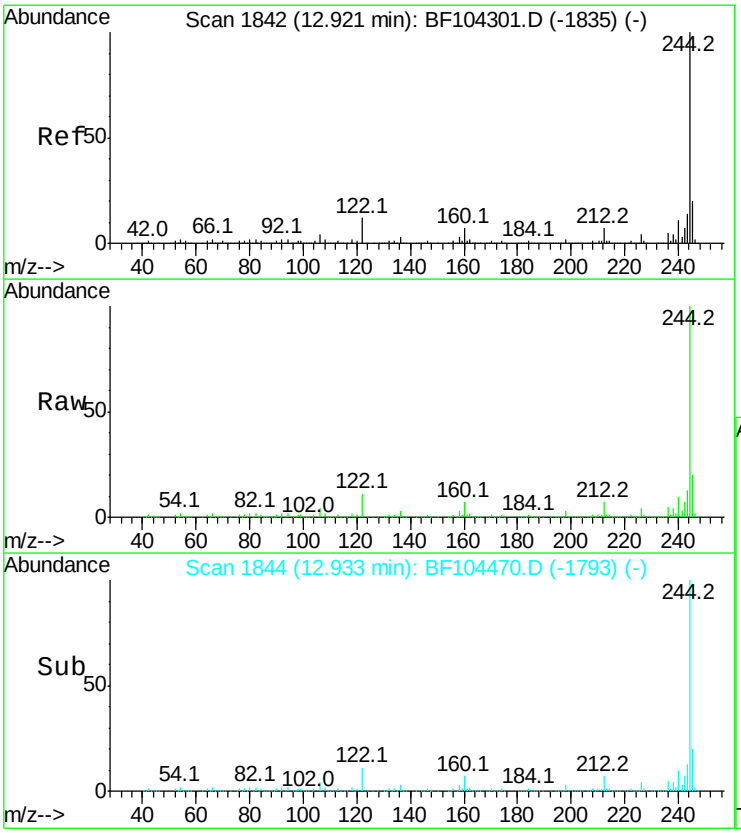
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 210833

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.8	20.7	31.1

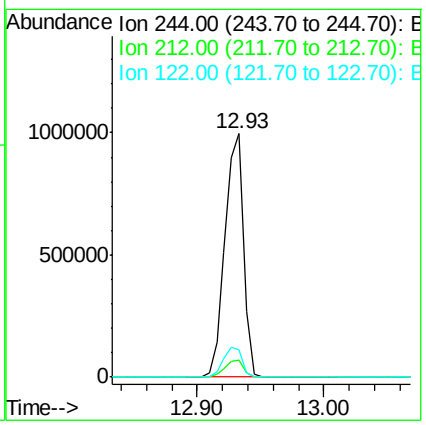


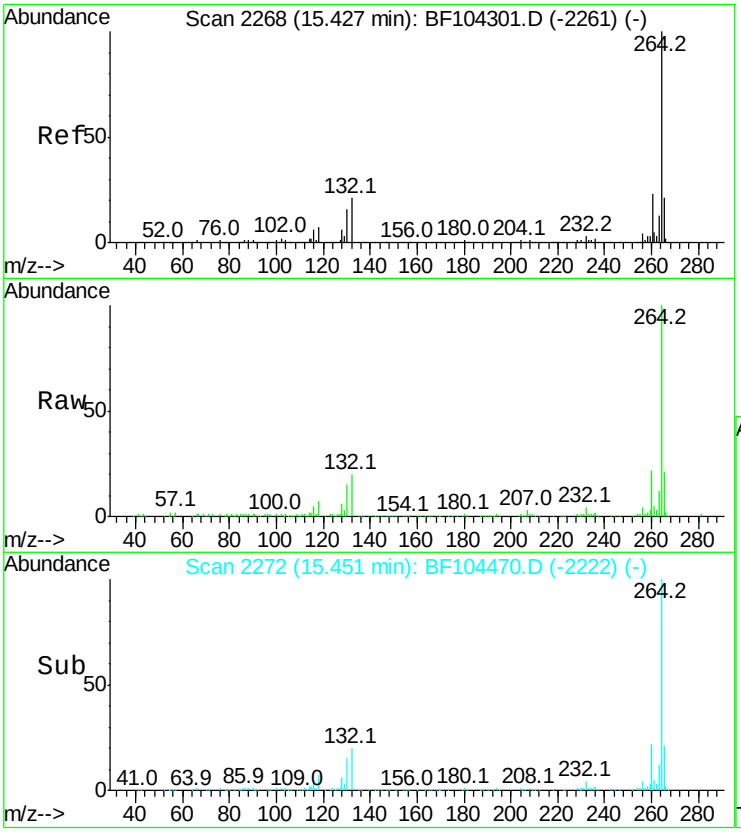


#78
Terphenyl-d14
Concen: 108.919 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF104470.D
Acq: 12 Apr 2018 23:50

Tgt Ion:244 Resp: 1007253

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.3	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: BF104470.D
Acq: 12 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 148227

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.5	17.5	26.3