Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100470.D
Acq On : 12 Nov 2017 5:43
Operator : SJ/JU
Sample : I6407-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2334

Quant Time: Nov 13 04:45:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132712	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	499499	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	199133	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	320760	20.00	ng	0.00
75) Chrysene-d12	14.06	240	272715	20.00	ng	0.00
86) Perylene-d12	15.54	264	198729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	847812	102.40	ng	0.02
7) Phenol-d6	6.53	99	876507	85.86	ng	0.00
23) Nitrobenzene-d5	7.46	82	756636	100.15	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	230231	113.46	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1316865	100.70	ng	0.00
78) Terphenyl-d14	13.01	244	972091	81.90	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	100329	14.17	ng	# 82
25) Isophorone	7.46	82	756622	47.66	ng	# 64
26) 2-Nitrophenol	7.56	139	150	5.42	ng	# 34
47) 2-Nitroaniline	9.26	65	2004	3.30	ng	# 3
50) 2,6-Dinitrotoluene	9.94	165	26591	8.84	ng	# 24
56) 2,4-Dinitrotoluene	9.94	165	26591	7.00	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.73	198	274	8.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	14343	4.17	ng	# 1

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

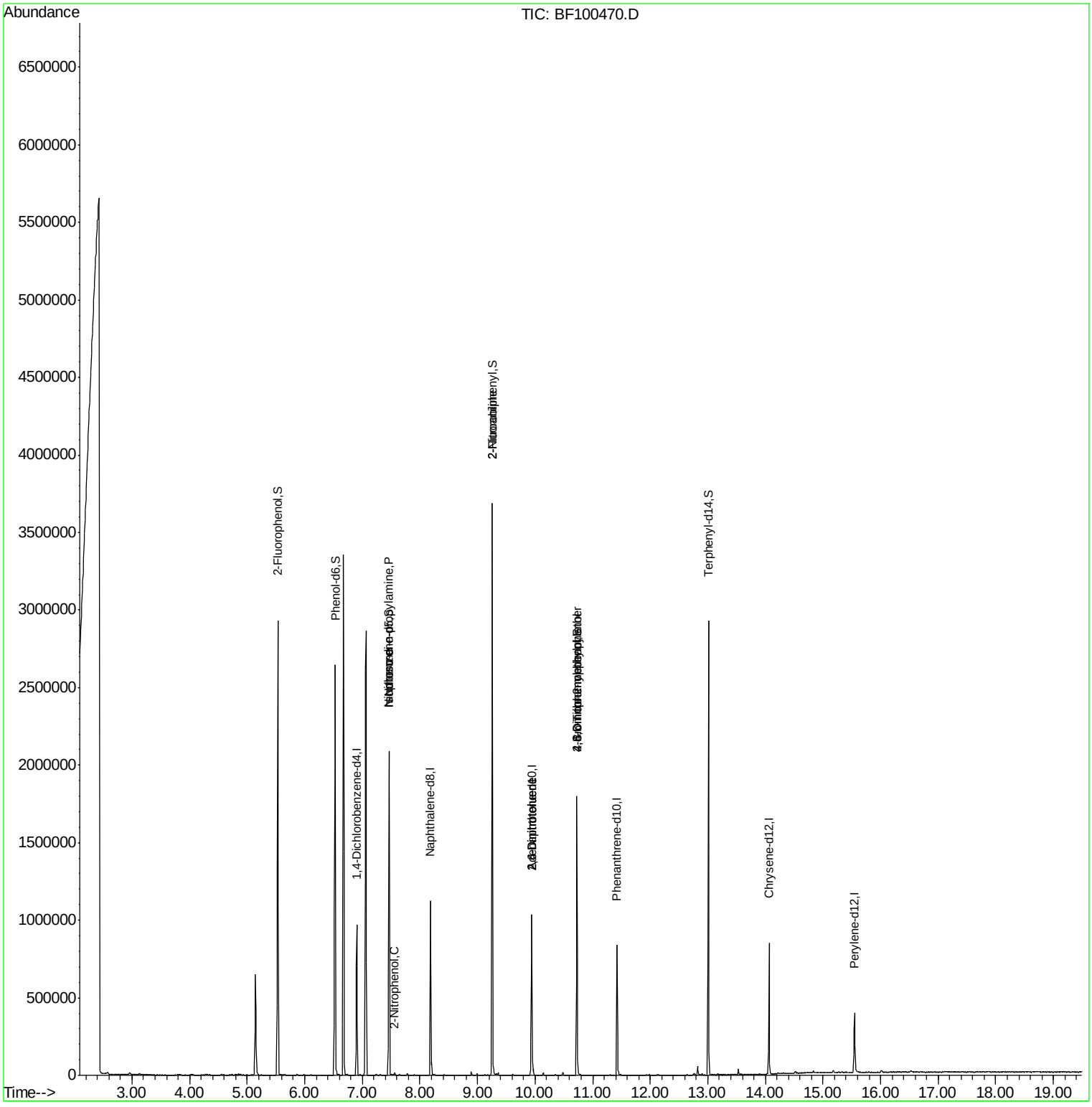
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

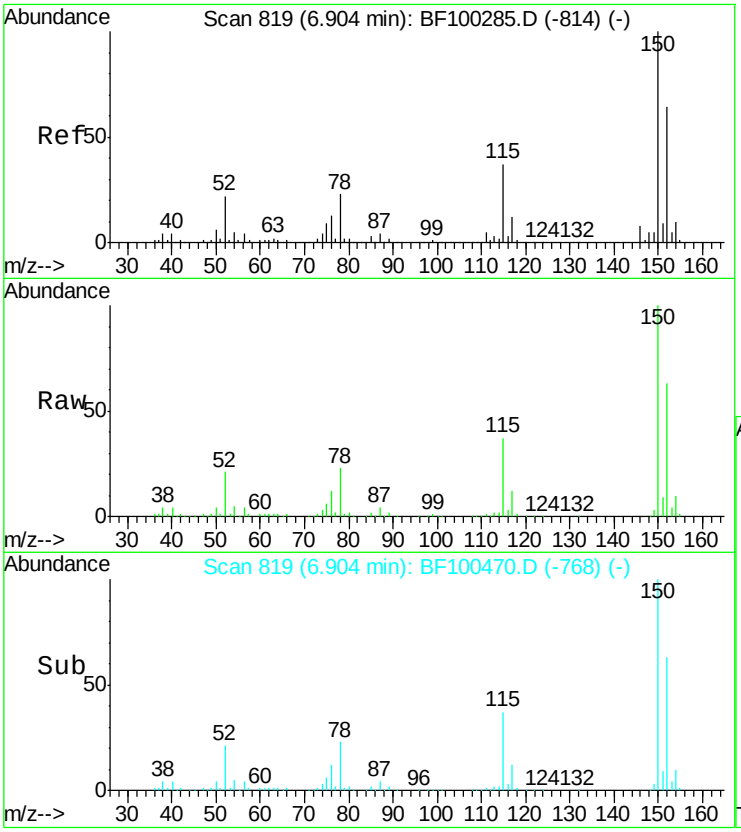
Quantitation Report (Not Reviewed)

Data File : BF100470.D
Acq On : 12 Nov 2017 5:43
Operator : SJ/JU
Sample : I6407-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2334

Quant Time: Nov 13 04:45:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration



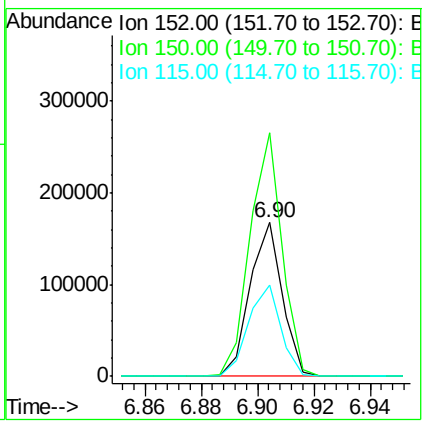


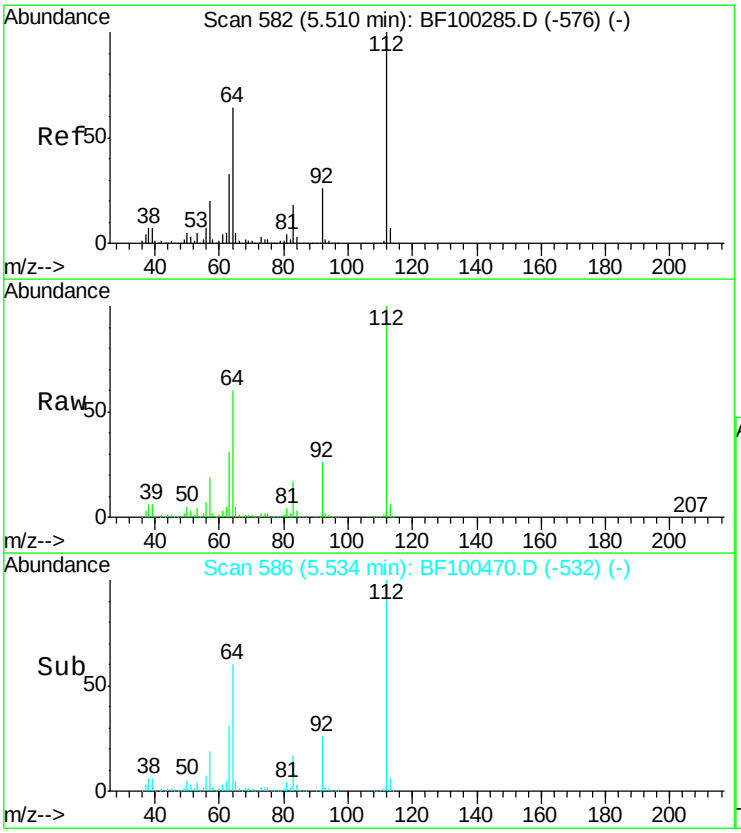
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion:152 Resp: 132712

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	59.0	50.1	75.1

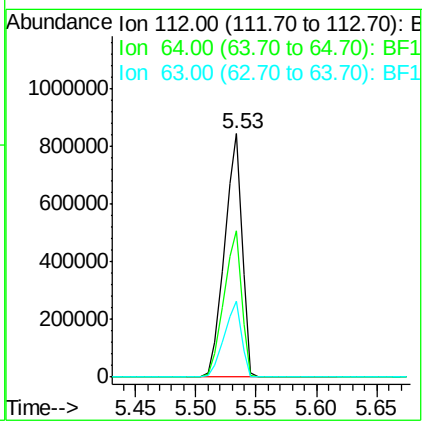


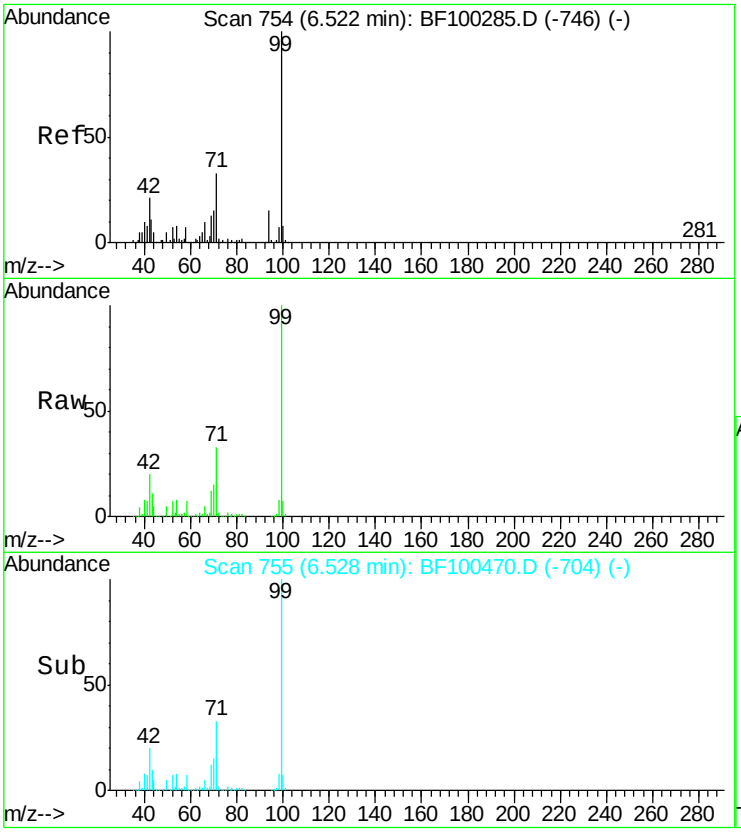


#5
2-Fluorophenol
Concen: 102.40 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion:112 Resp: 847812

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	31.1	23.7	35.5



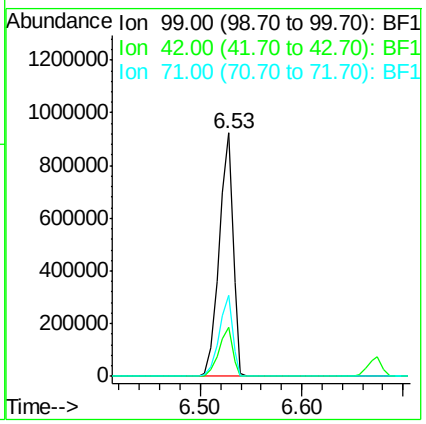


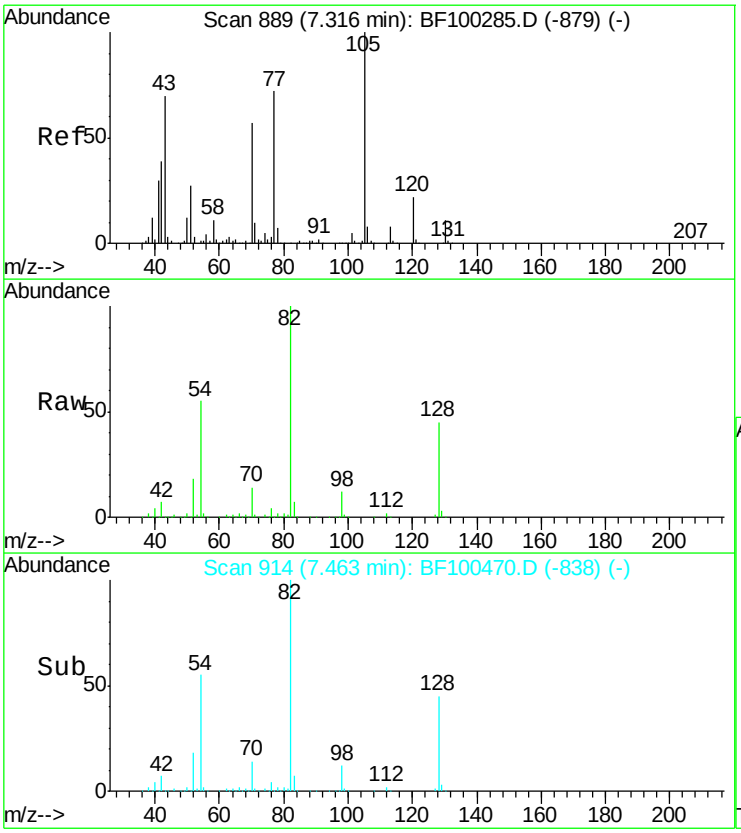
#7
Phenol-d6
Concen: 85.86 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion: 99 Resp: 876507

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.4	25.4	38.0

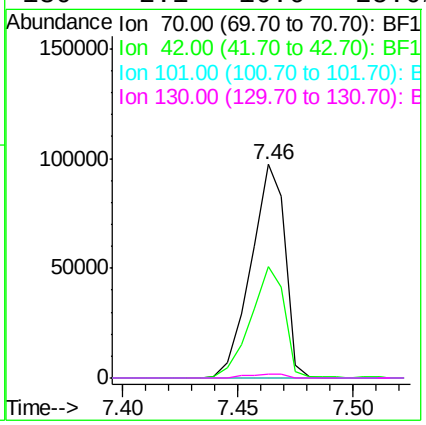


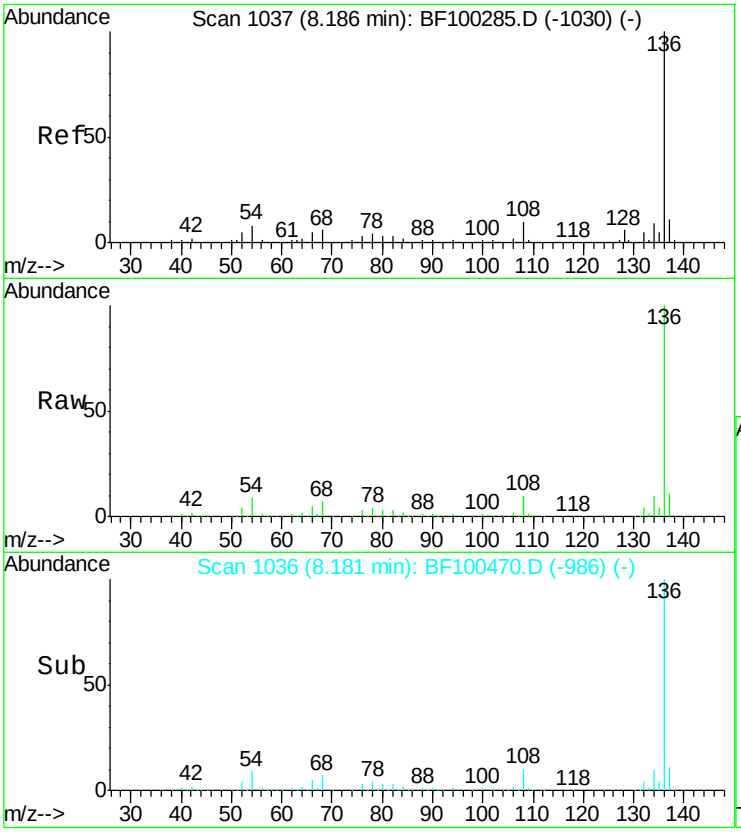


#19
n-Nitroso-di-n-propylamine
Concen: 14.17 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion: 70 Resp: 100329

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



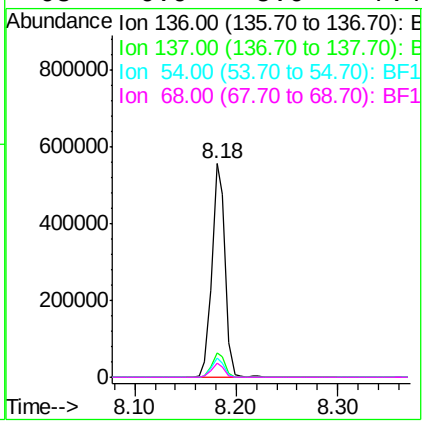


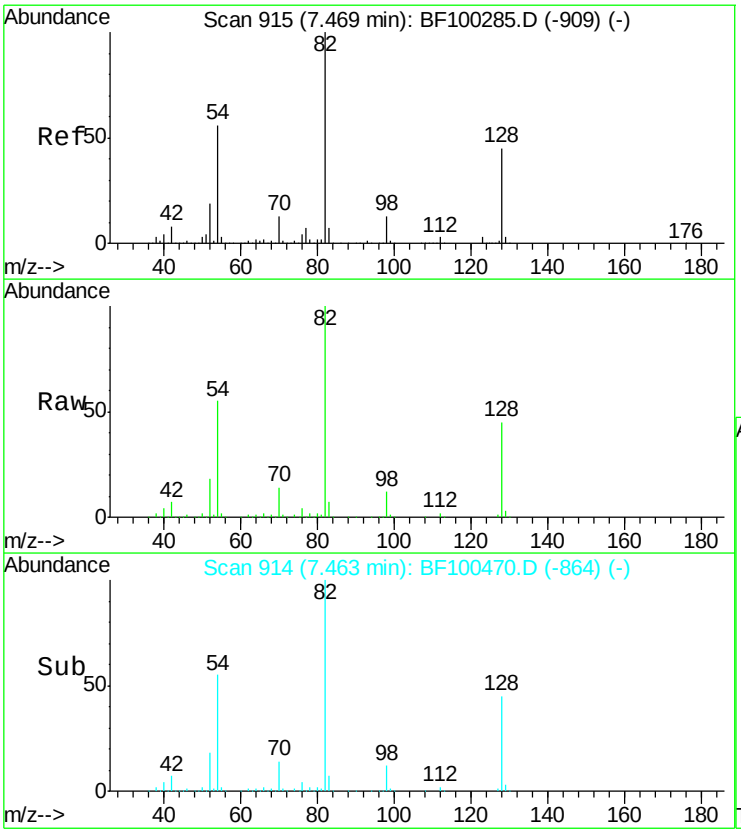
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion:136 Resp: 499499

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.2	6.6	9.8
68	6.9	5.0	7.4

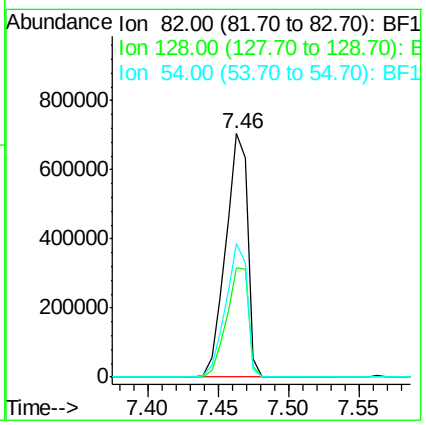


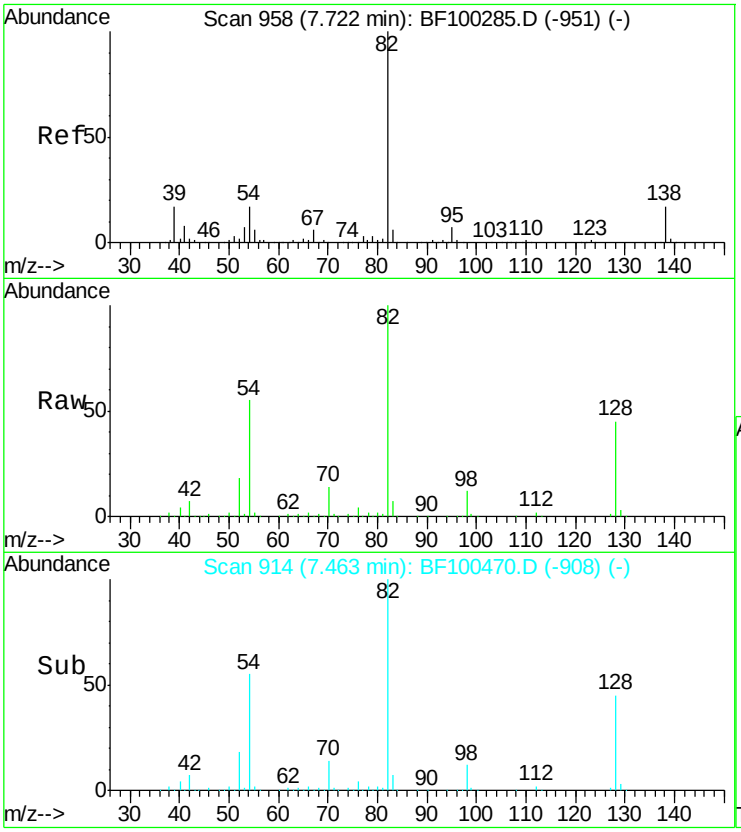


#23
Nitrobenzene-d5
Concen: 100.15 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion: 82 Resp: 756636

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	55.1	41.4	62.2



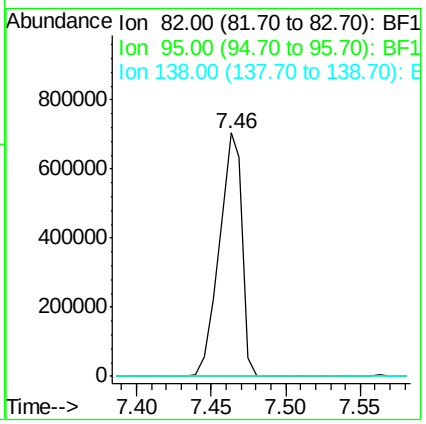


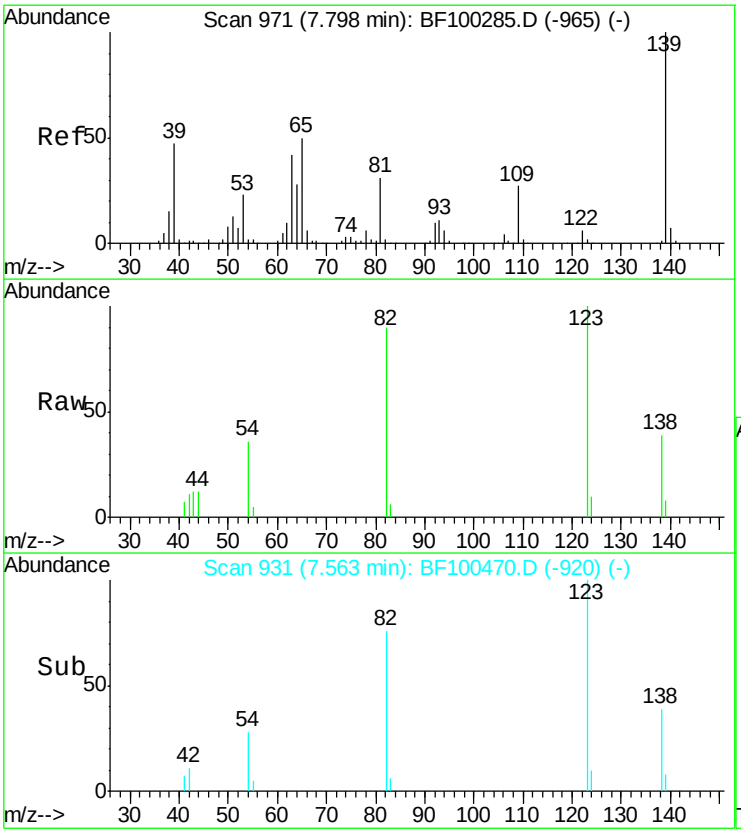
#25
Isophorone
Concen: 47.66 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion: 82 Resp: 756622

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

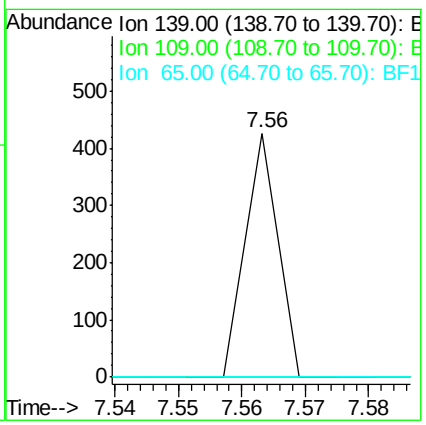


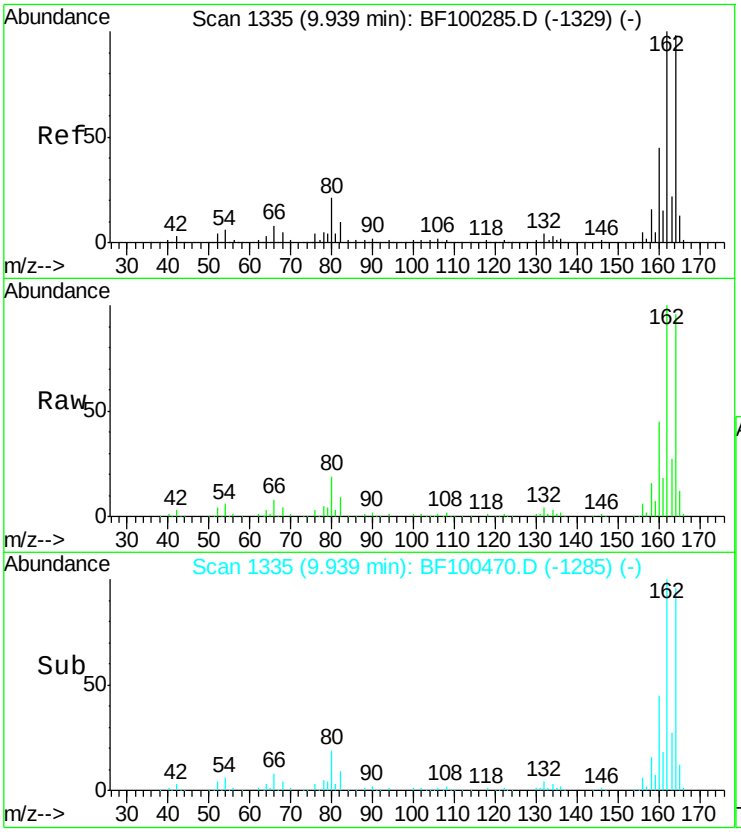


#26
2-Nitrophenol
Concen: 5.42 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.24 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion:139 Resp: 150

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	40.5	60.7#



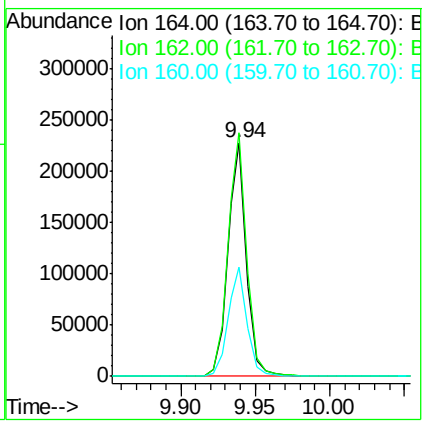


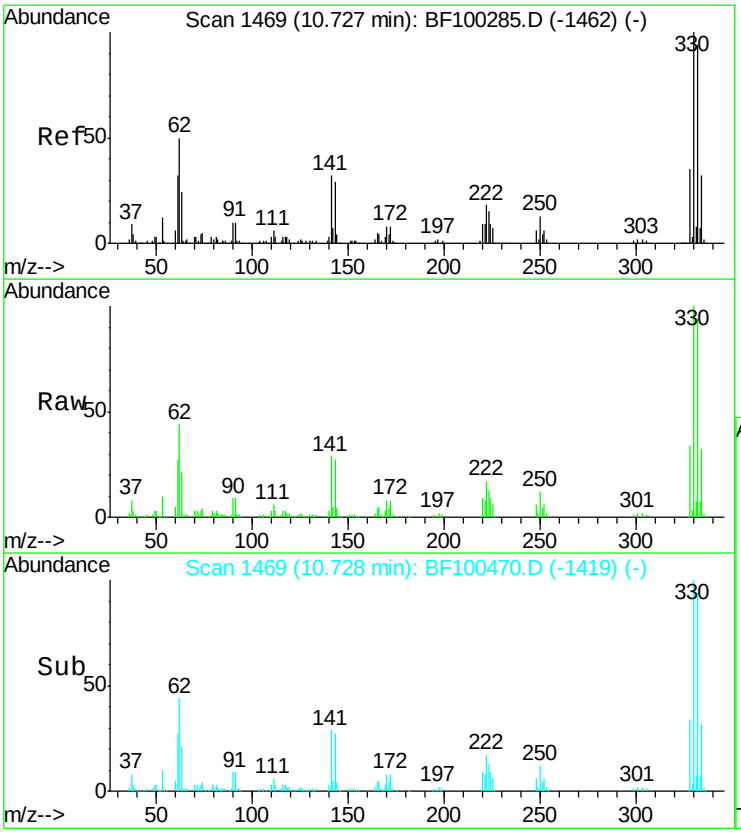
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion:164 Resp: 199133

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.6	38.3	57.5

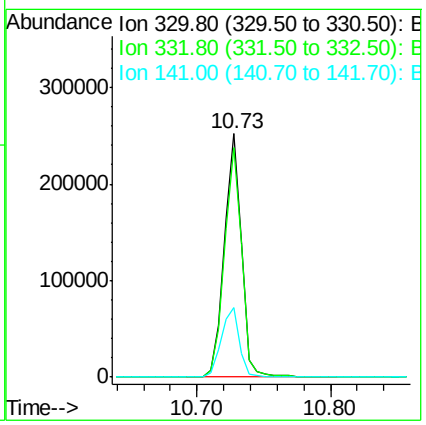


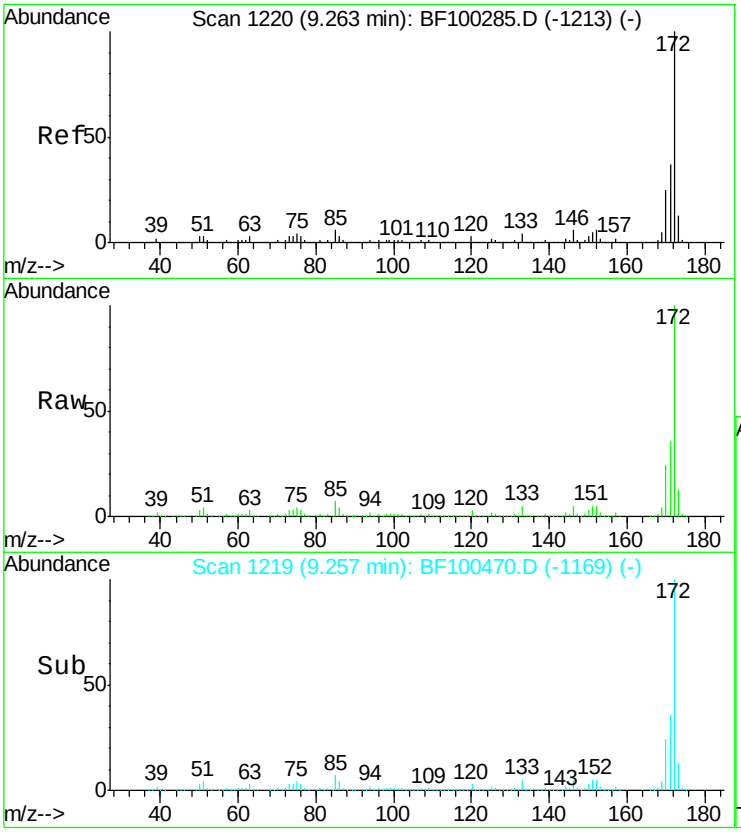


#41
2,4,6-Tribromophenol
Concen: 113.46 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion:330 Resp: 230231

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	30.5	29.9	44.9



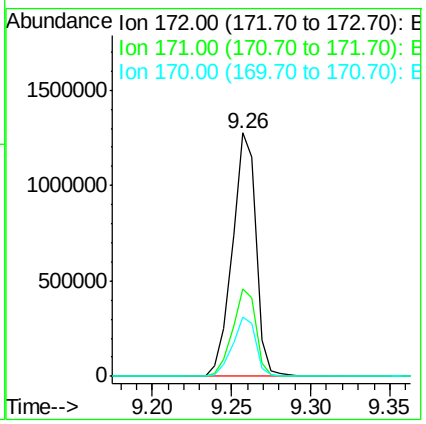


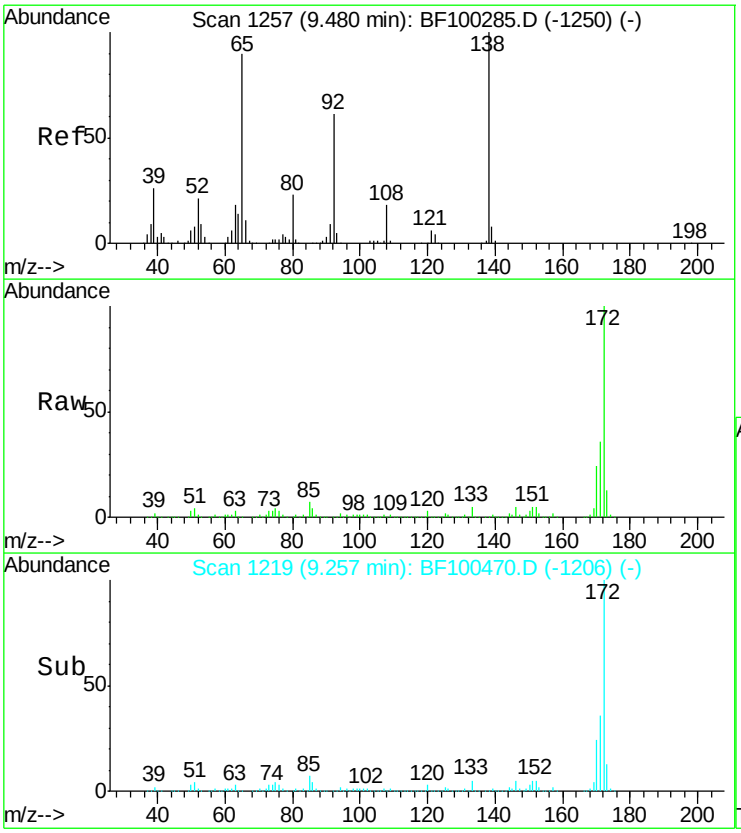
#44
2-Fluorobiphenyl
Concen: 100.70 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion:172 Resp: 1316865

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

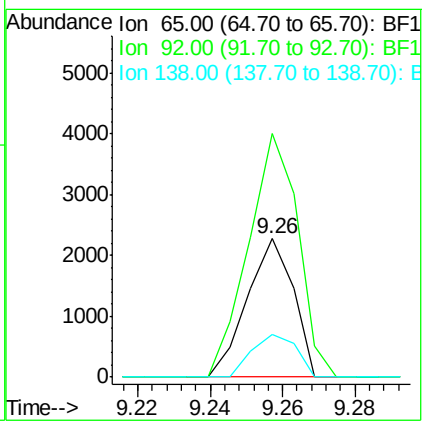


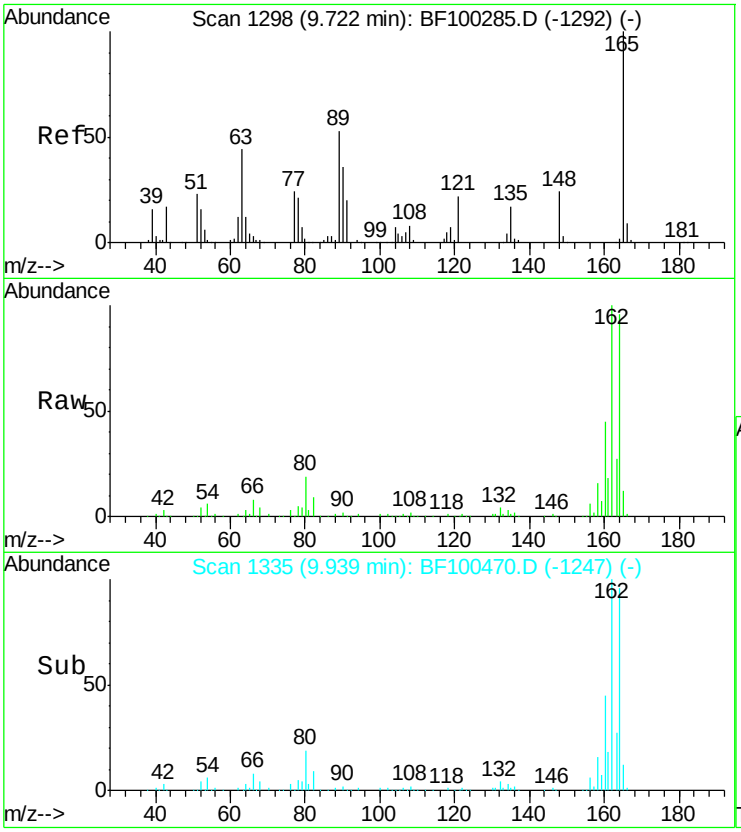


#47
2-Nitroaniline
Concen: 3.30 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion: 65 Resp: 2004

Ion	Ratio	Lower	Upper
65	100		
92	175.6	55.8	83.6#
138	31.1	91.2	136.8#



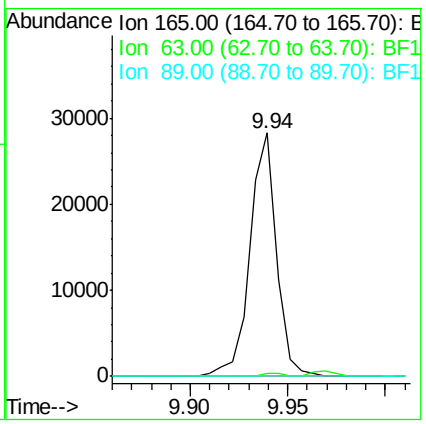


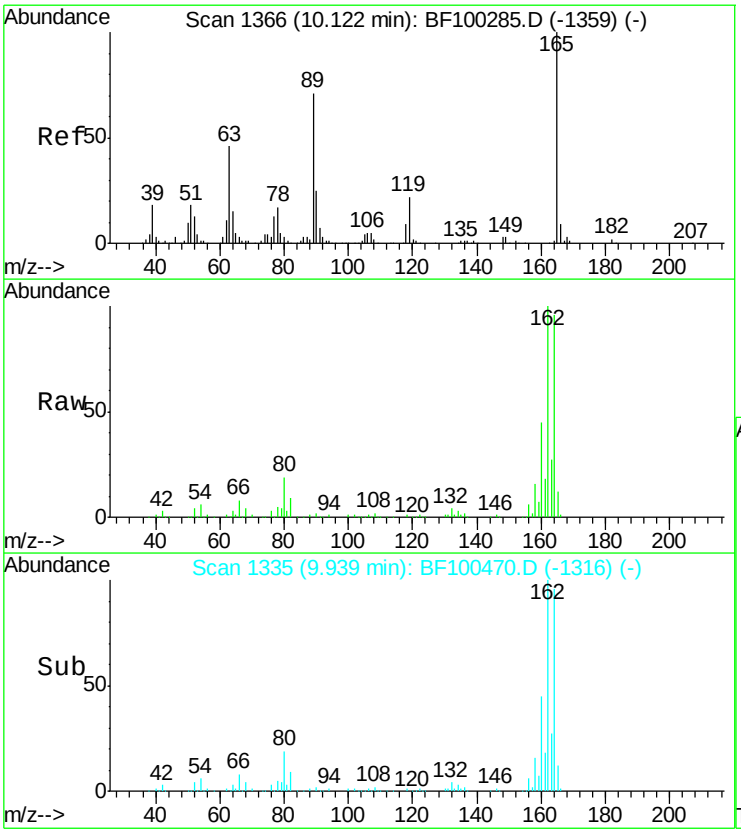
#50
2,6-Dinitrotoluene
Concen: 8.84 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion:165 Resp: 26591

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

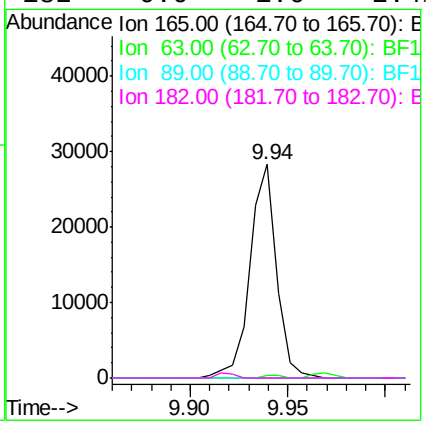


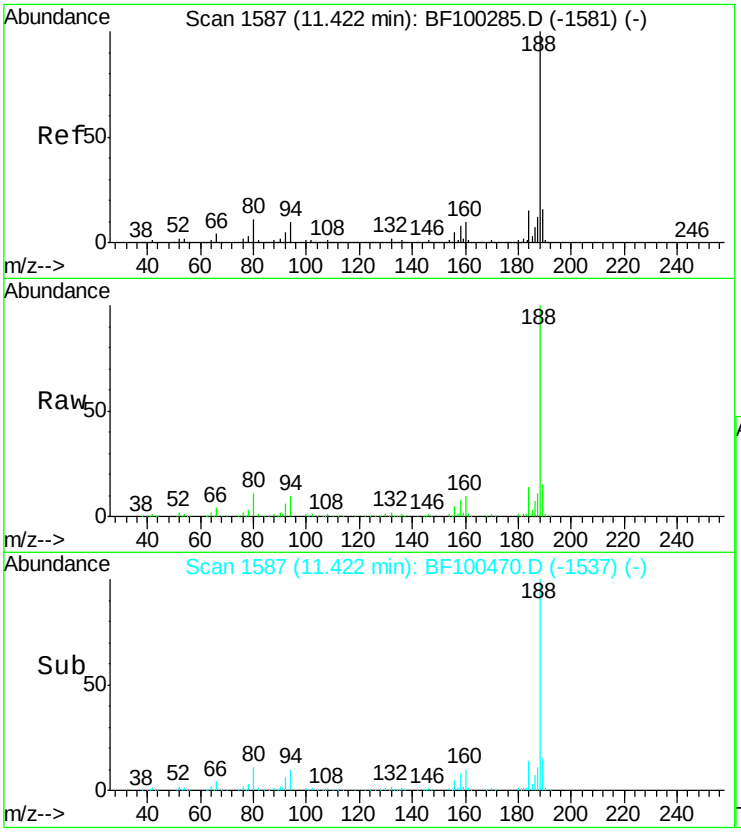


#56
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion:165 Resp: 26591

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



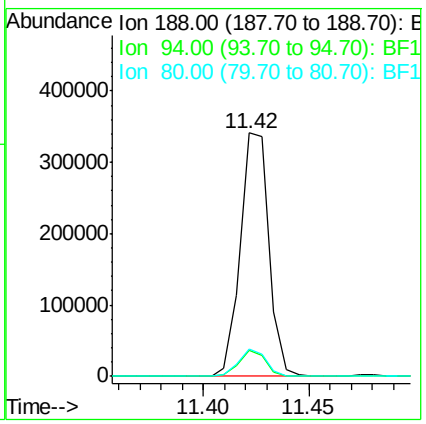


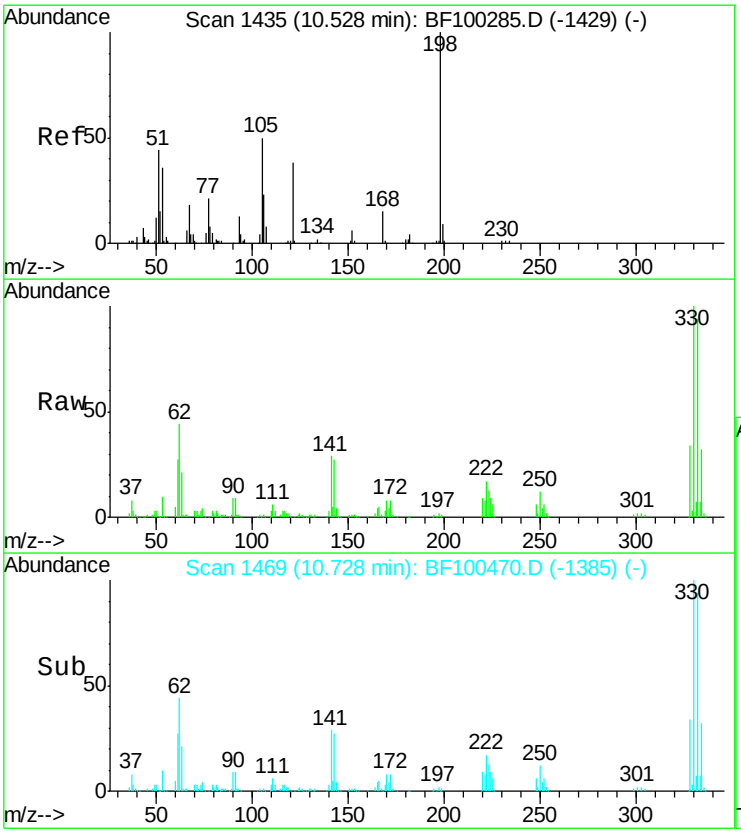
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion:188 Resp: 320760

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.3	9.2	13.8

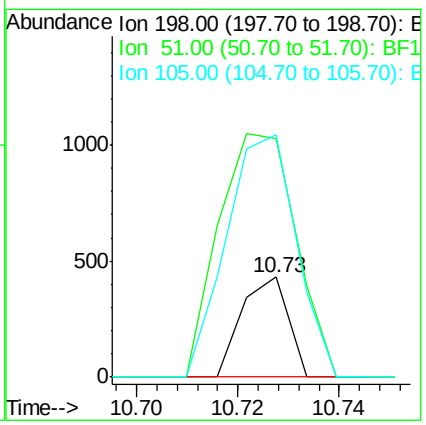


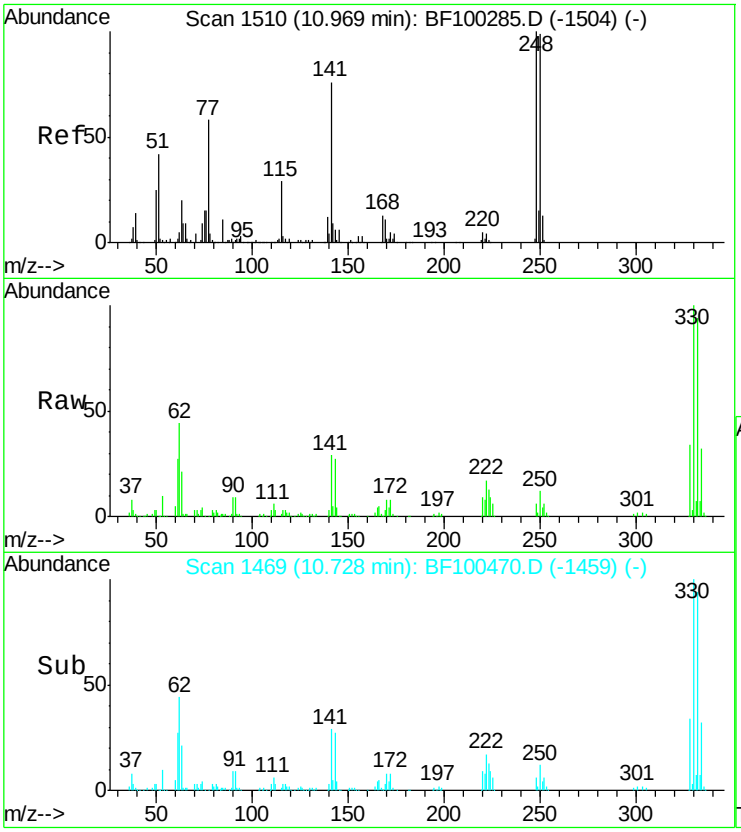


#64
4,6-Dinitro-2-methylphenol
Concen: 8.71 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion:198 Resp: 274

Ion	Ratio	Lower	Upper
198	100		
51	239.0	37.7	77.7#
105	242.5	36.3	76.3#



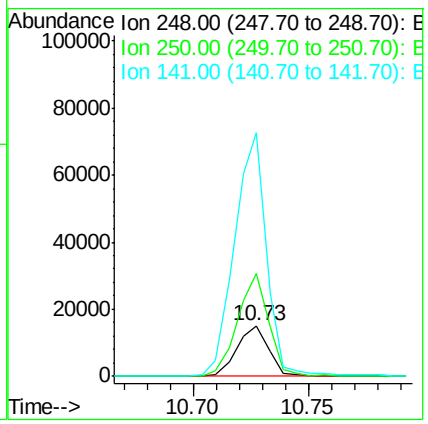


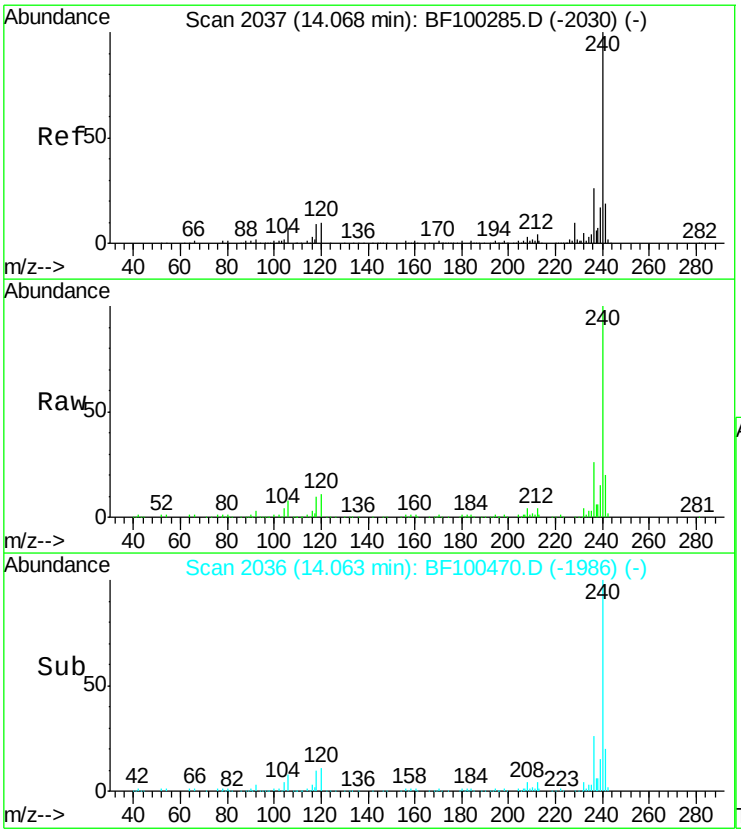
#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion:248 Resp: 14343

Ion	Ratio	Lower	Upper
248	100		
250	203.9	76.9	115.3#
141	481.0	74.4	111.6#

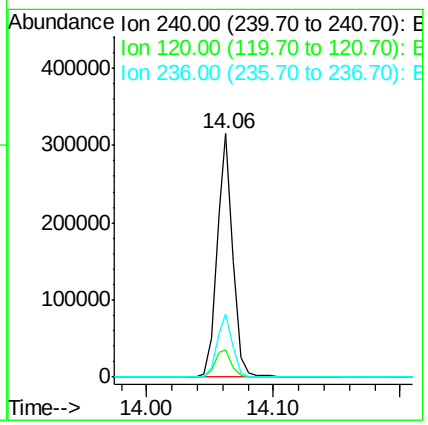


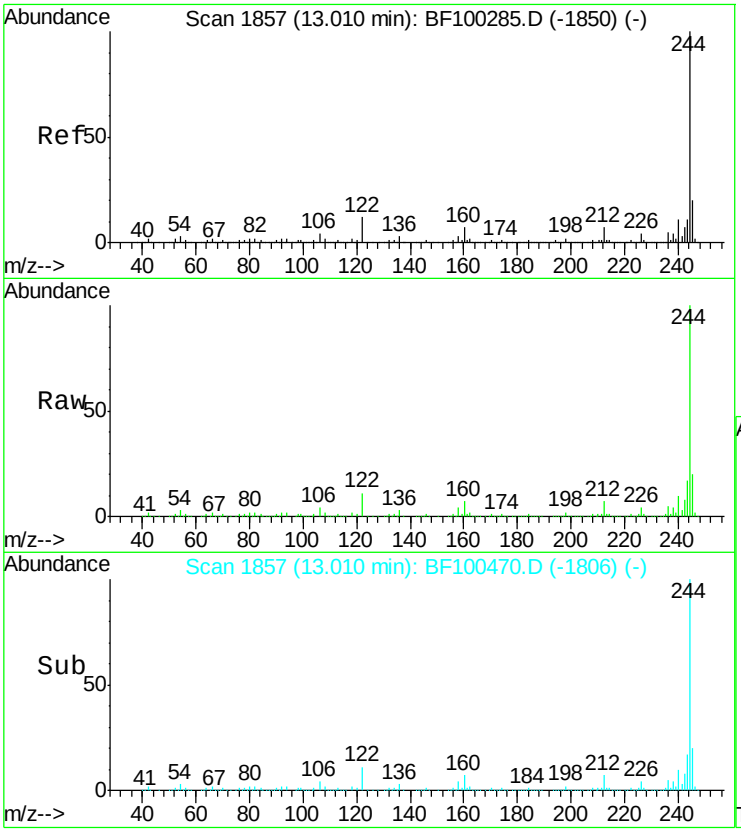


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion:240 Resp: 272715

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.7	20.7	31.1



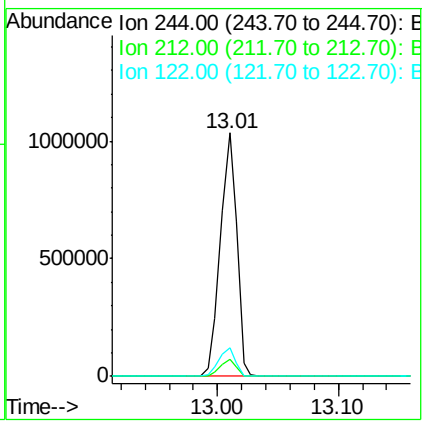


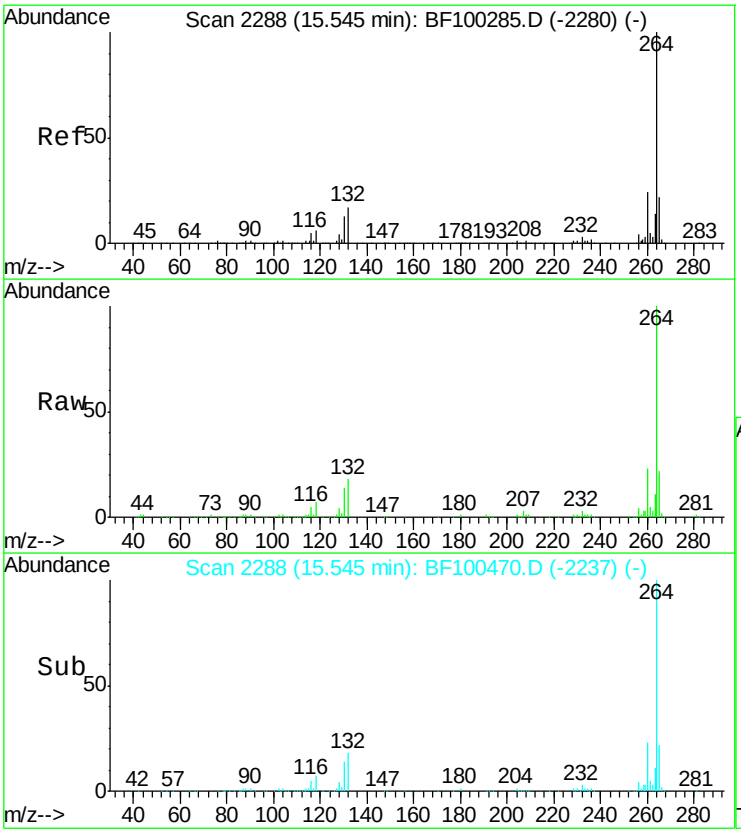
#78
Terphenyl-d14
Concen: 81.90 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Instrument :
BNA_F
ClientSampleId :
2334

Tgt Ion:244 Resp: 972091

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100470.D
Acq: 12 Nov 2017 5:43

Tgt Ion:264 Resp: 198729

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.8	17.5	26.3