Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
Data File : BF102371.D
Acq On : 24 Jan 2018 4:30
Operator : SJ/JU
Sample : J1249-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 24 06:14:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	132065	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	534626	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	220548	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	333384	20.00	ng		0.00
75) Chrysene-d12	13.87	240	252969	20.00	ng		0.00
86) Perylene-d12	15.30	264	228907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	711141	81.65	ng		0.00
7) Phenol-d6	6.36	99	861250	82.02	ng		0.00
23) Nitrobenzene-d5	7.28	82	517183	55.59	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	125981	57.65	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	838359	55.89	ng		0.00
78) Terphenyl-d14	12.82	244	519563	46.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	14450	2.025	ng		83
10) Phenol	6.37	94	43235	3.771	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	67958	10.575	ng	#	78
25) Isophorone	7.28	82	507598	30.605	ng	#	64
49) Dimethylphthalate	9.47	163	91009	4.992	ng		100
50) 2,6-Dinitrotoluene	9.75	165	29027	7.385	ng	#	25
56) 2,4-Dinitrotoluene	9.75	165	29027	6.006	ng	#	22
66) 4-Bromophenyl-phenylether	10.54	248	8191	2.282	ng	#	1

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

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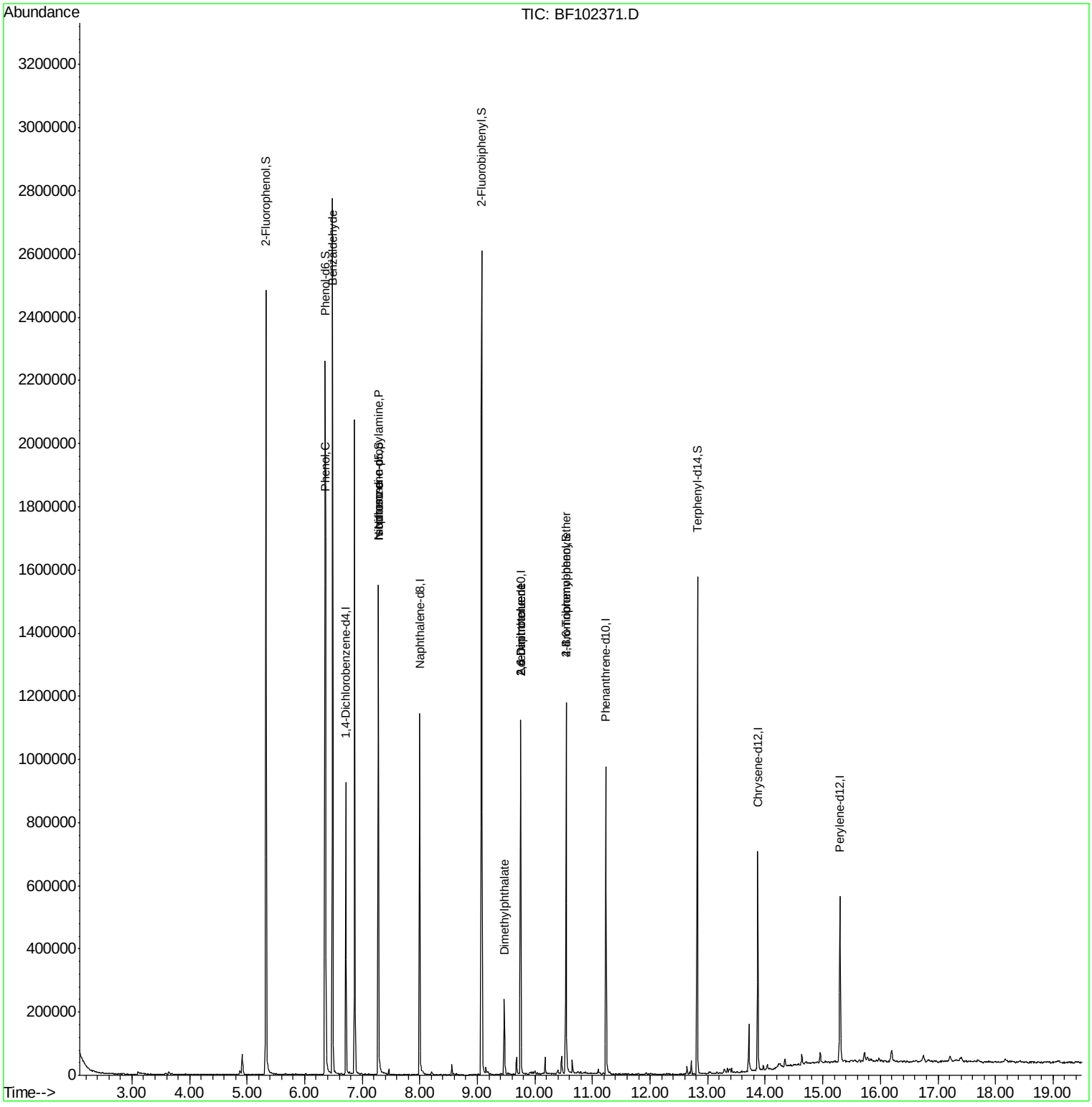
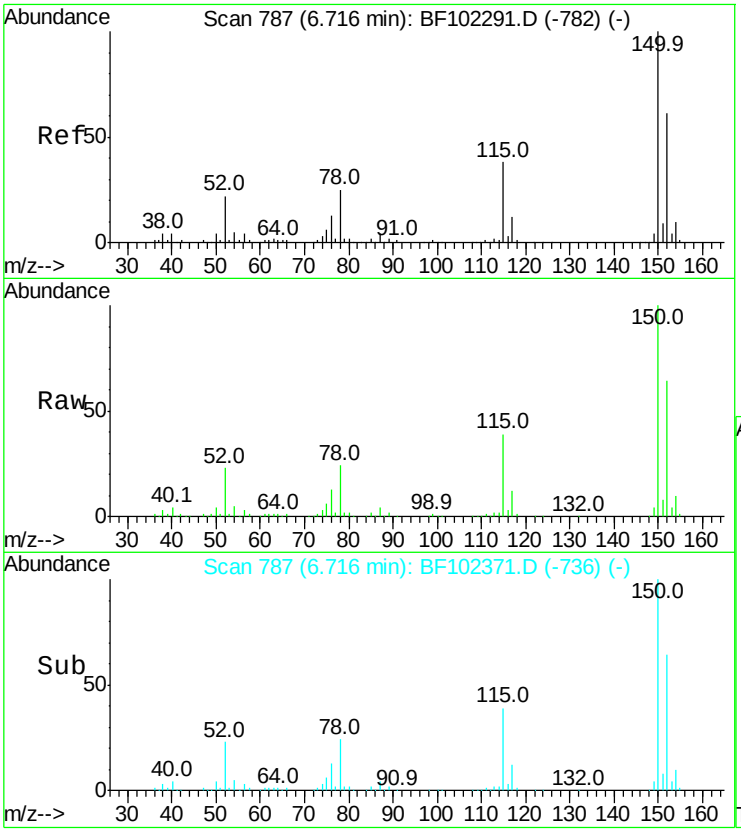


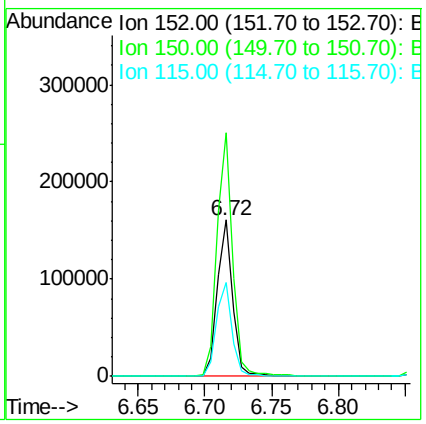


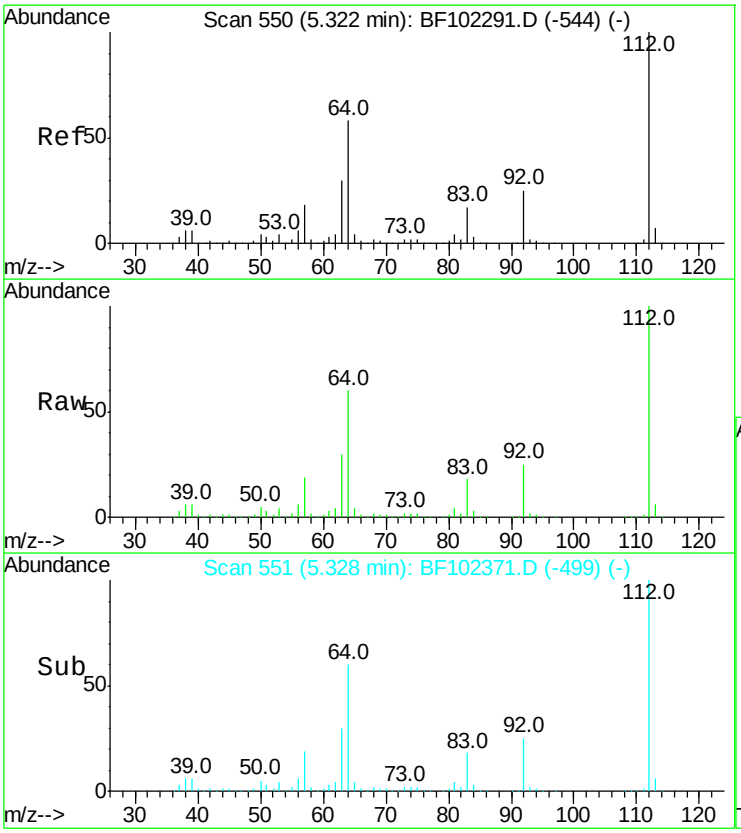
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132065

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.4	50.1	75.1

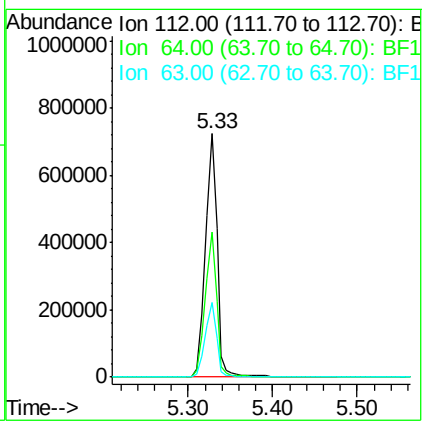


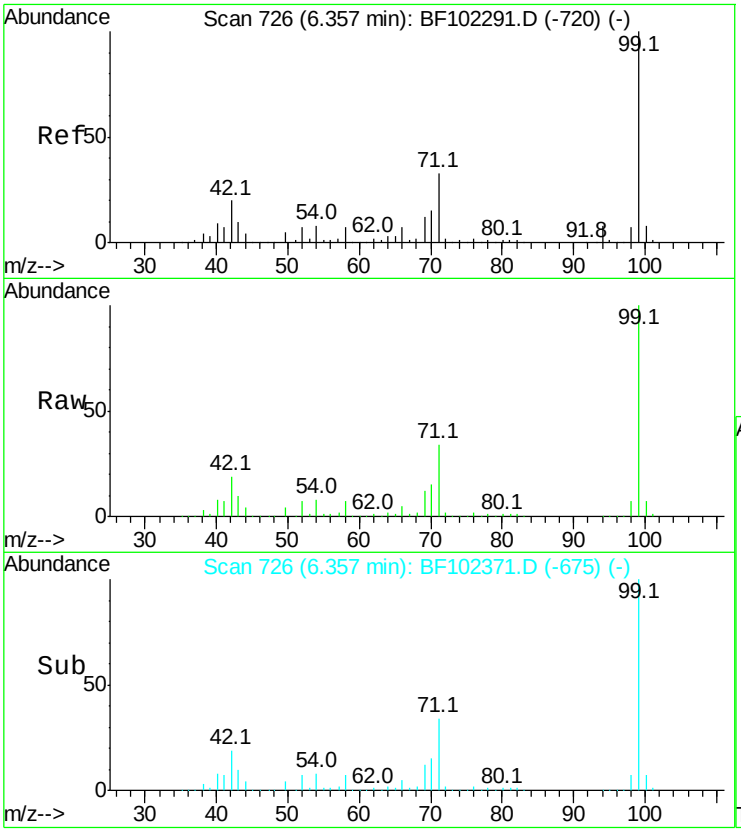


#5
2-Fluorophenol
Concen: 81.647 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion:112 Resp: 711141

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.4	23.7	35.5



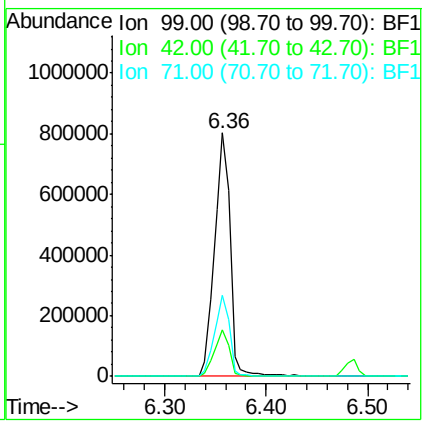


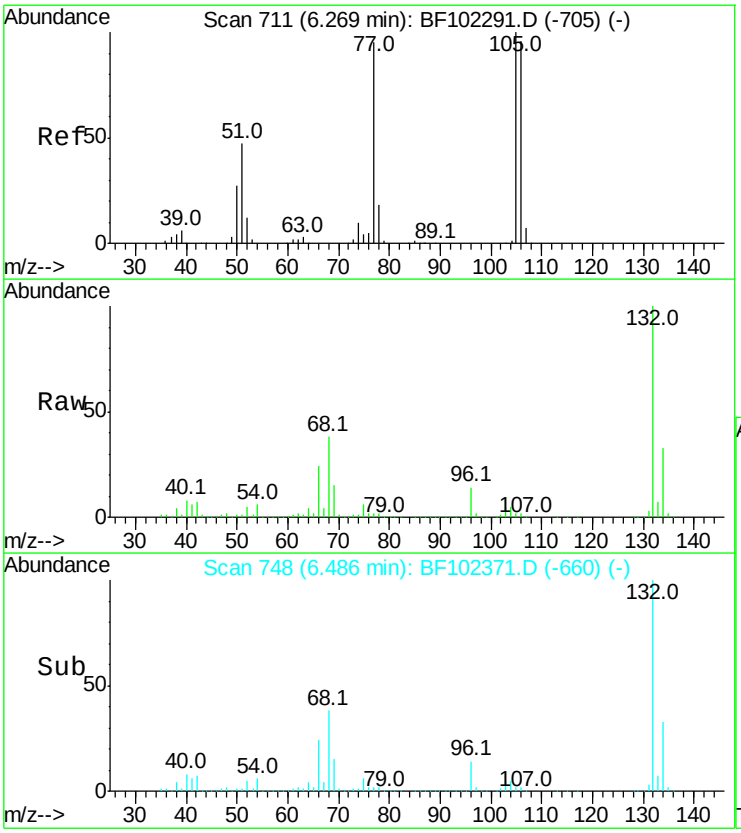
#7
Phenol-d6
Concen: 82.019 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 861250

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	33.5	25.4	38.0

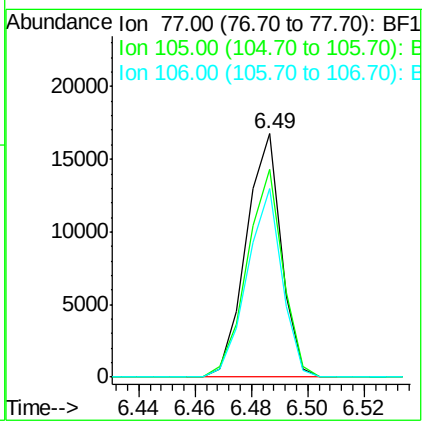


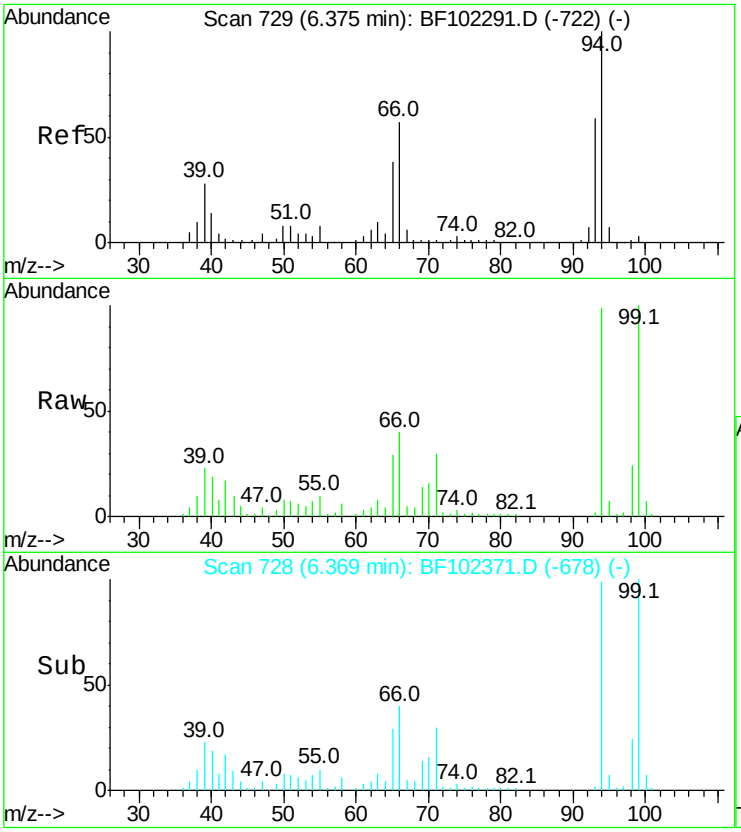


#9
Benzaldehyde
Concen: 2.025 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion: 77 Resp: 14450

Ion	Ratio	Lower	Upper
77	100		
105	85.3	81.1	121.1
106	77.2	74.5	114.5



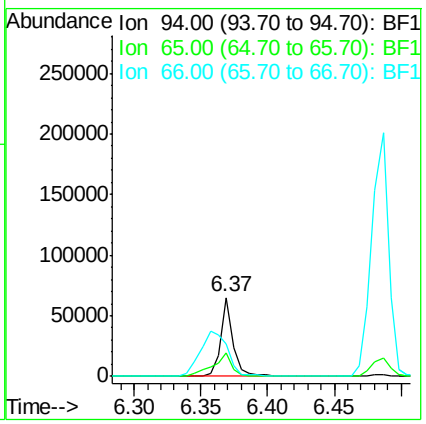


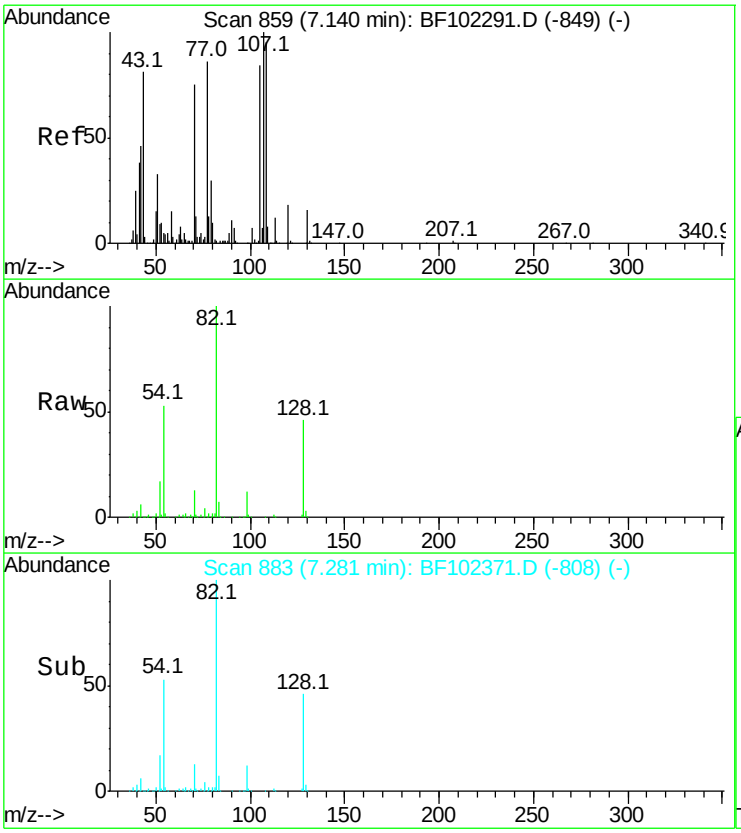
#10
Phenol
Concen: 3.771 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 43235

Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	40.9	16.2	56.2

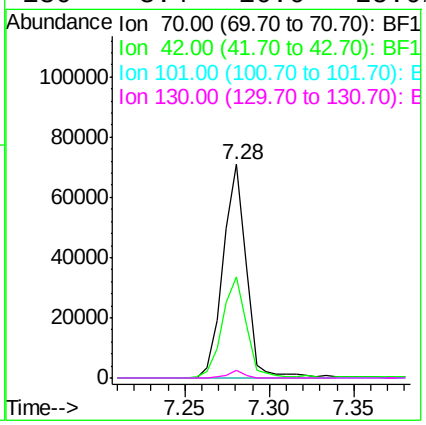


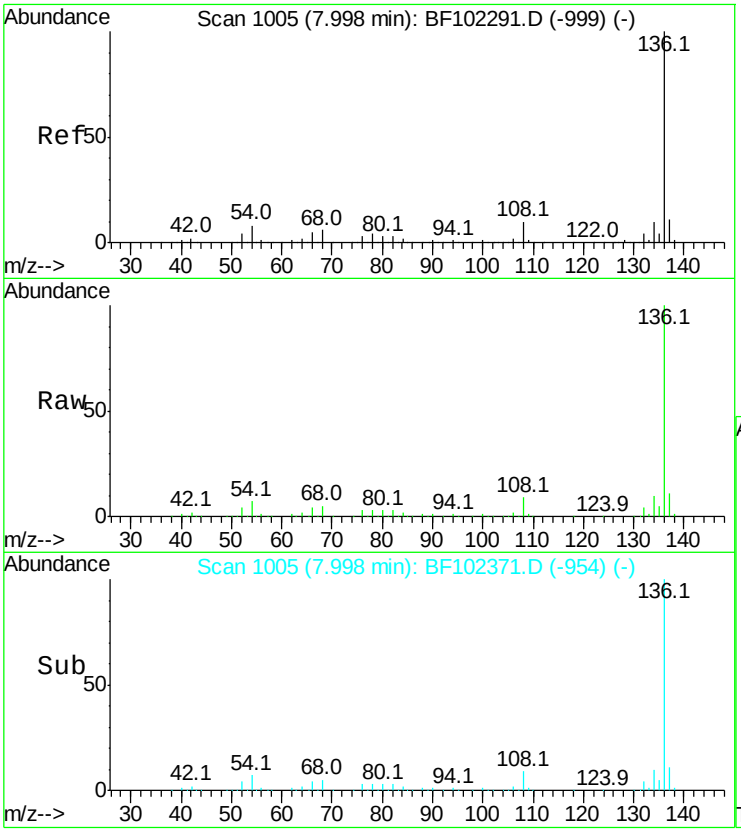


#19
n-Nitroso-di-n-propylamine
Concen: 10.575 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion: 70 Resp: 67958

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.5	71.3
101	0.0	7.4	11.2#
130	3.4	16.6	25.0#



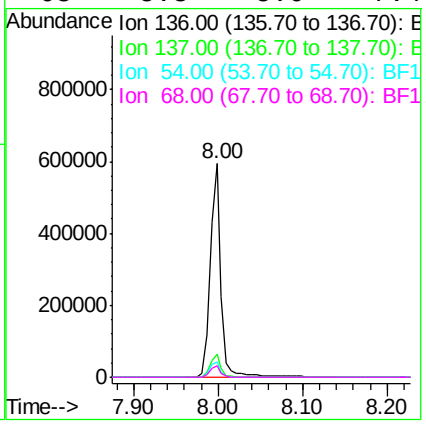


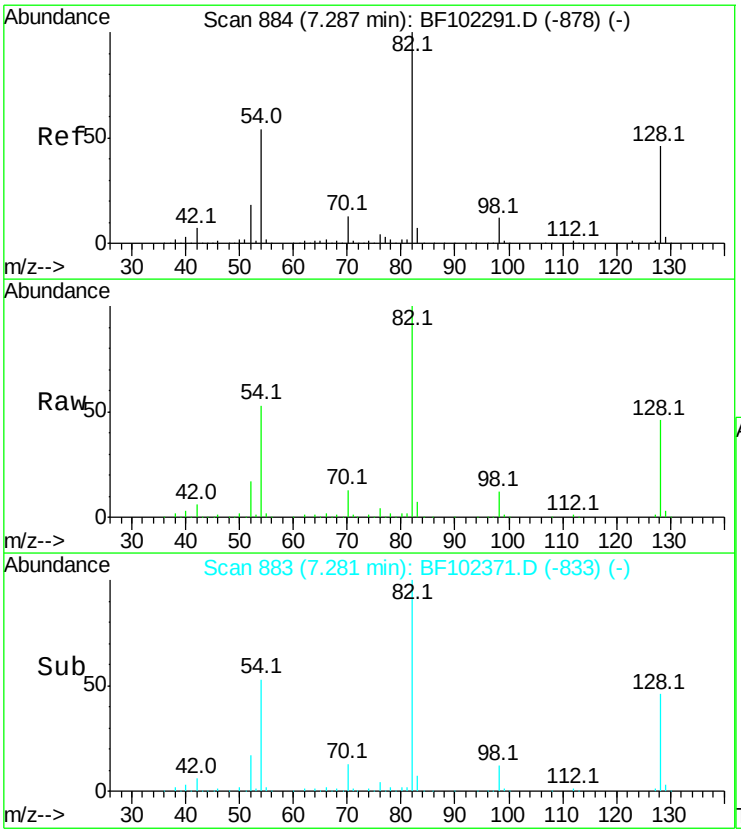
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 534626

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.3	5.0	7.4

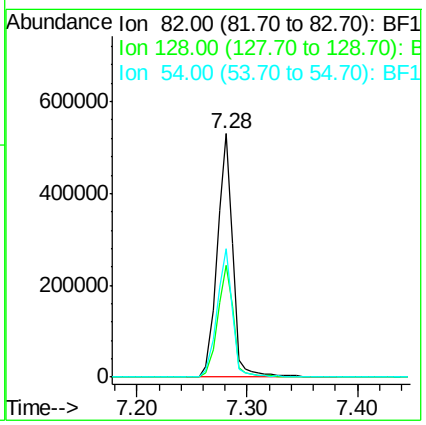


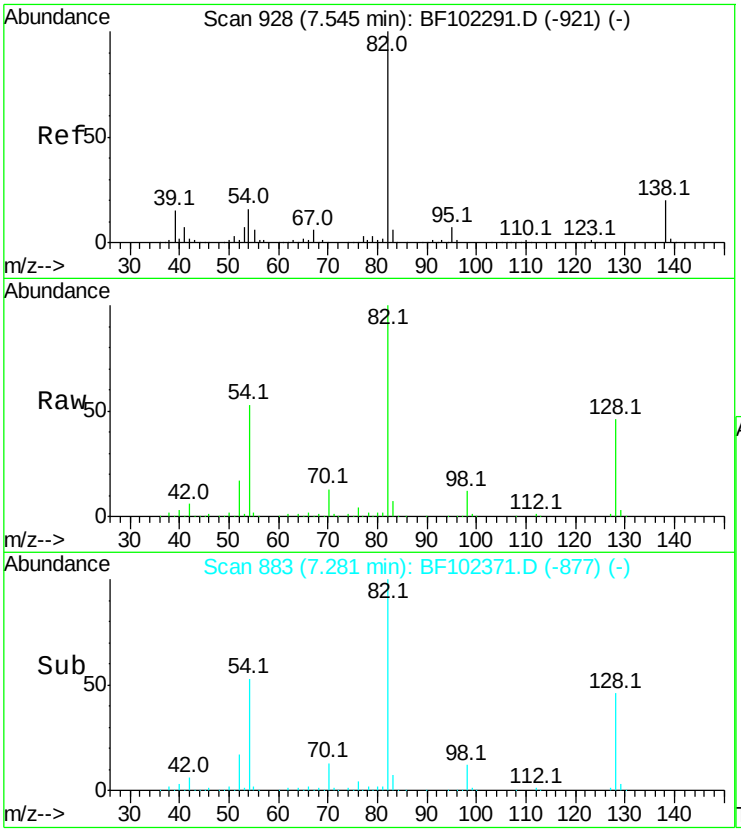


#23
Nitrobenzene-d5
Concen: 55.592 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion: 82 Resp: 517183

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.0	41.4	62.2



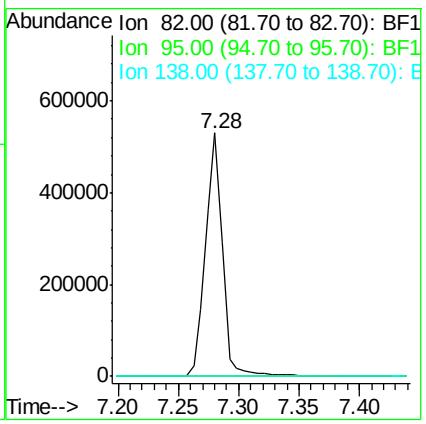


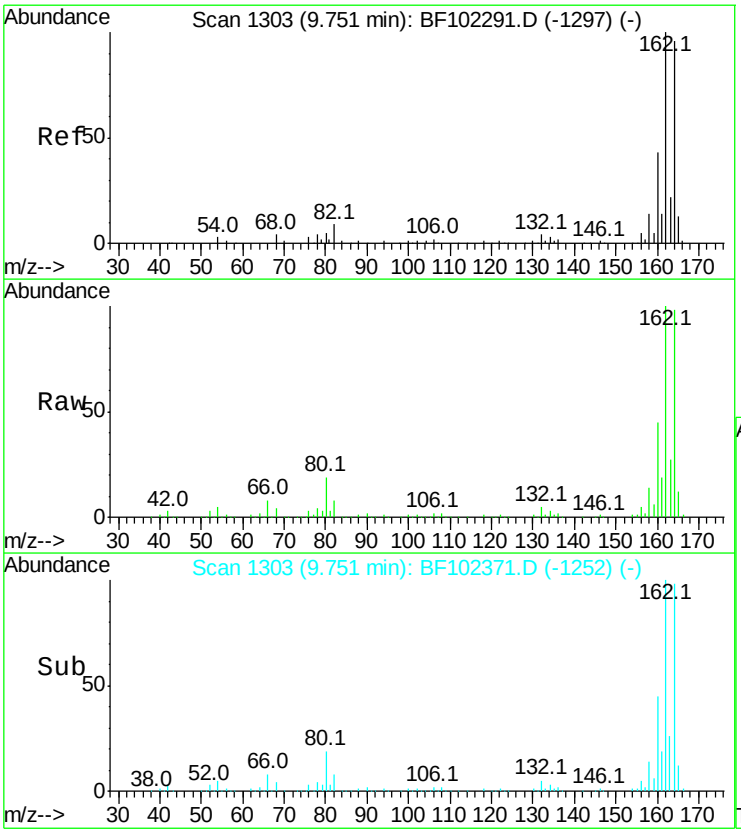
#25
Isophorone
Concen: 30.605 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 507598

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

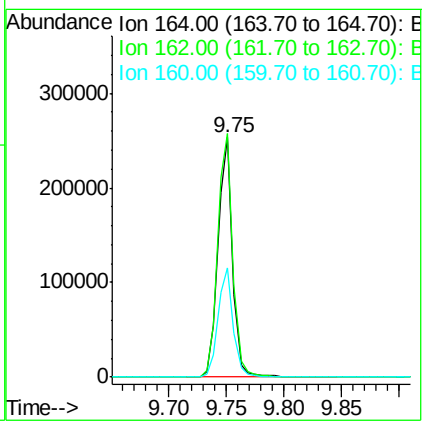


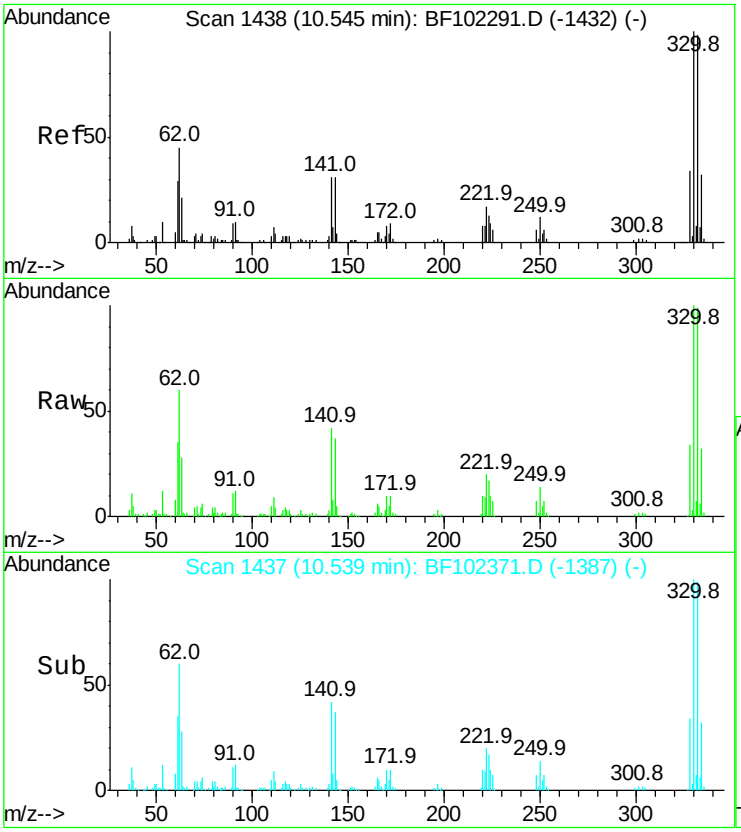


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion:164 Resp: 220548

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.9	38.3	57.5



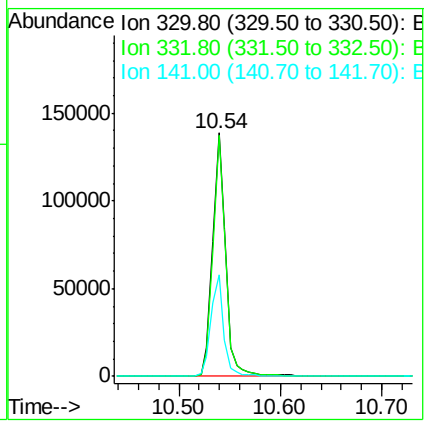


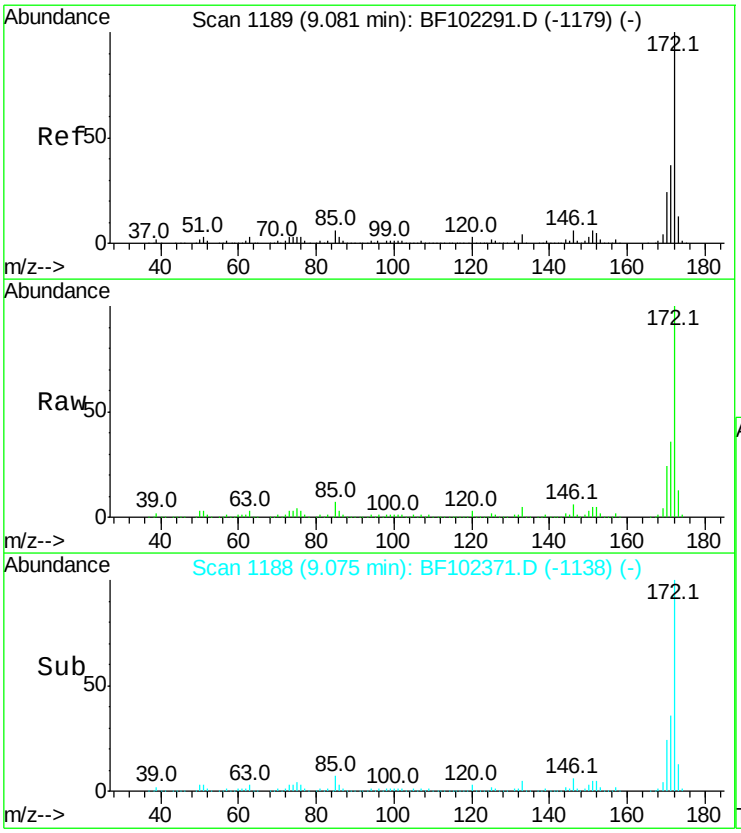
#41
2,4,6-Tribromophenol
Concen: 57.649 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 125981

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	40.6	29.9	44.9

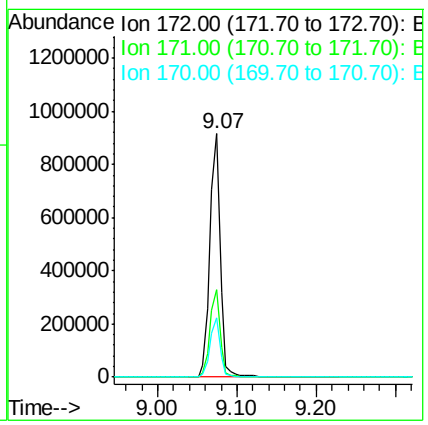


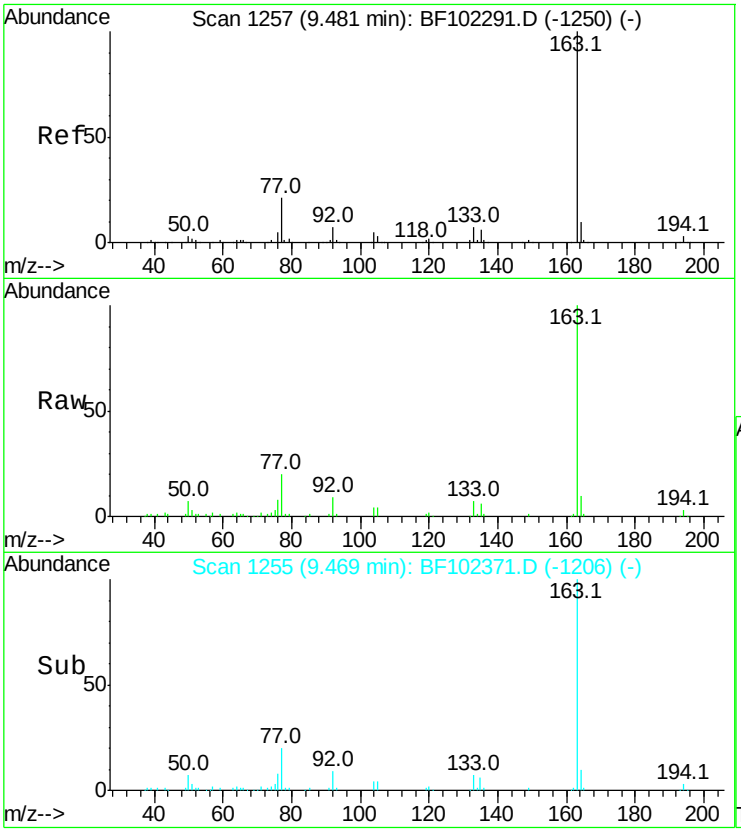


#44
2-Fluorobiphenyl
Concen: 55.892 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion:172 Resp: 838359

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4



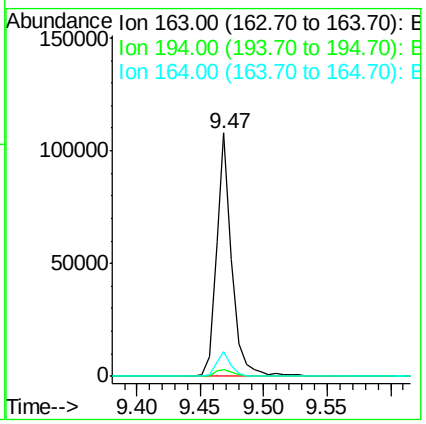


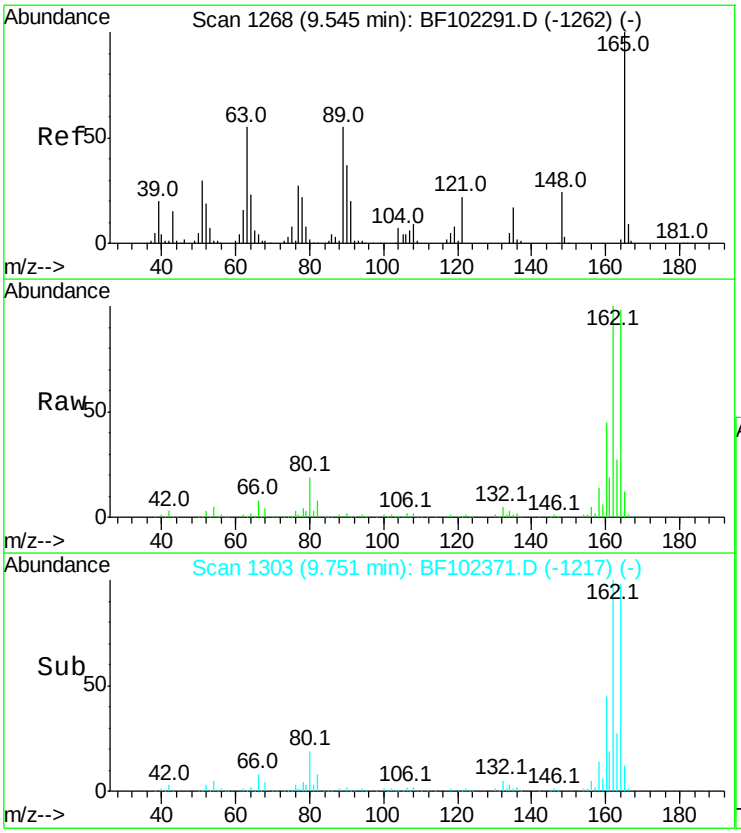
#49
Dimethylphthalate
Concen: 4.992 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 91009

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	10.1	8.2	12.2

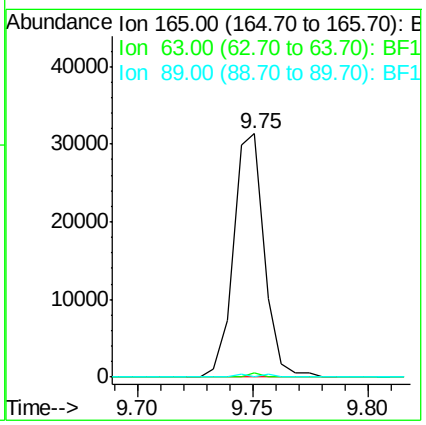


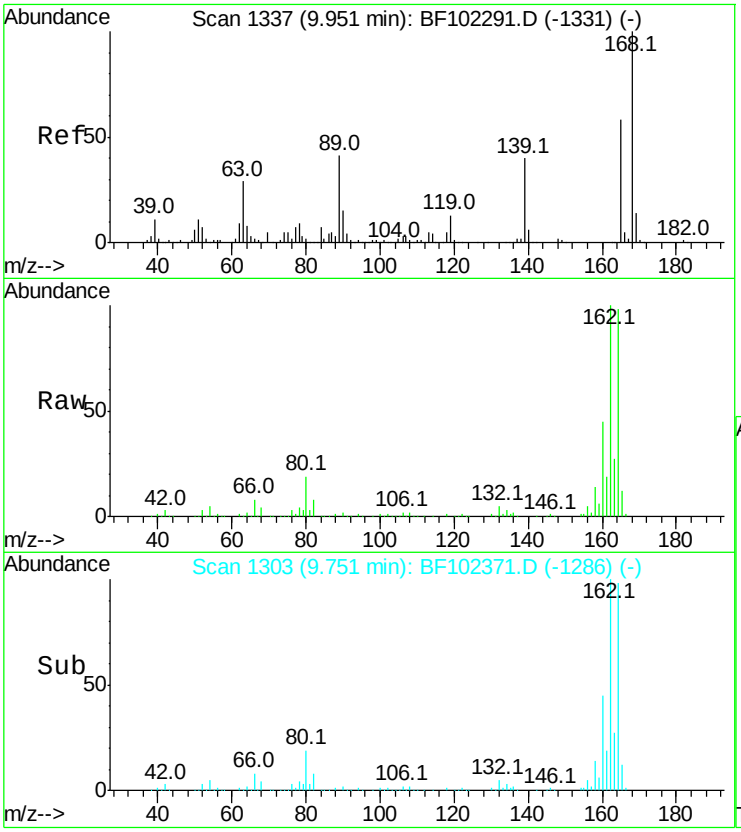


#50
2,6-Dinitrotoluene
Concen: 7.385 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion:165 Resp: 29027

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	0.0	44.0	66.0#



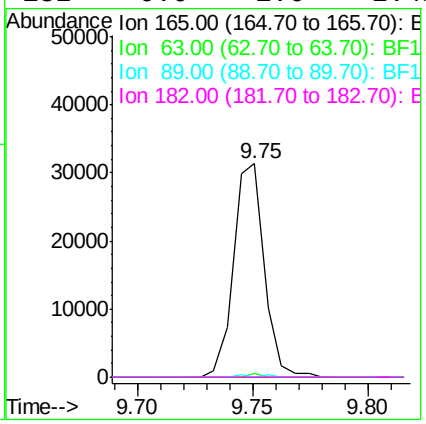


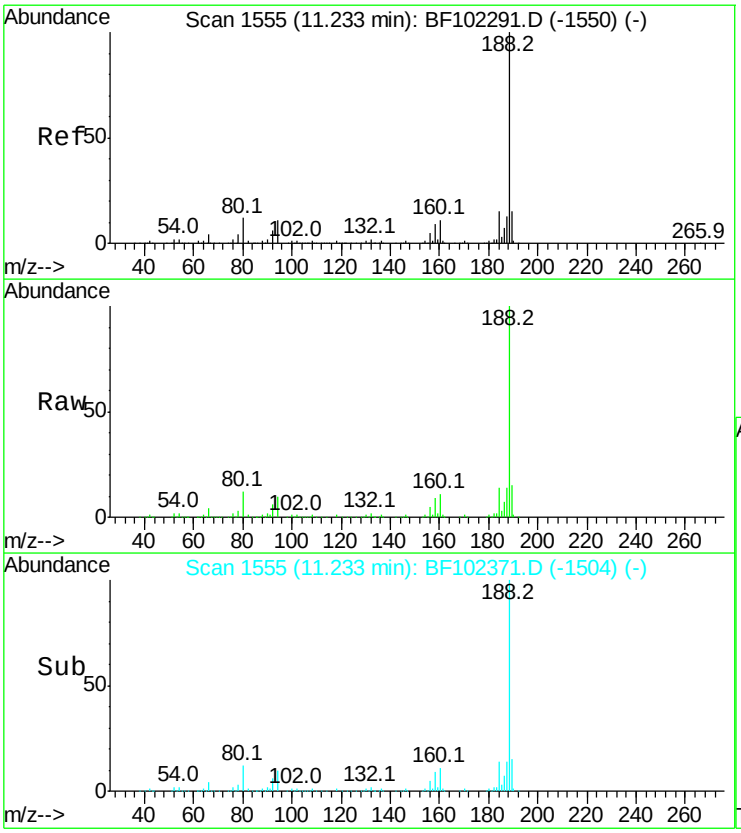
#56
2,4-Dinitrotoluene
Concen: 6.006 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29027

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

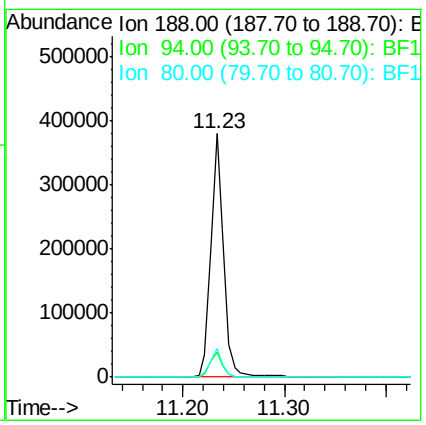


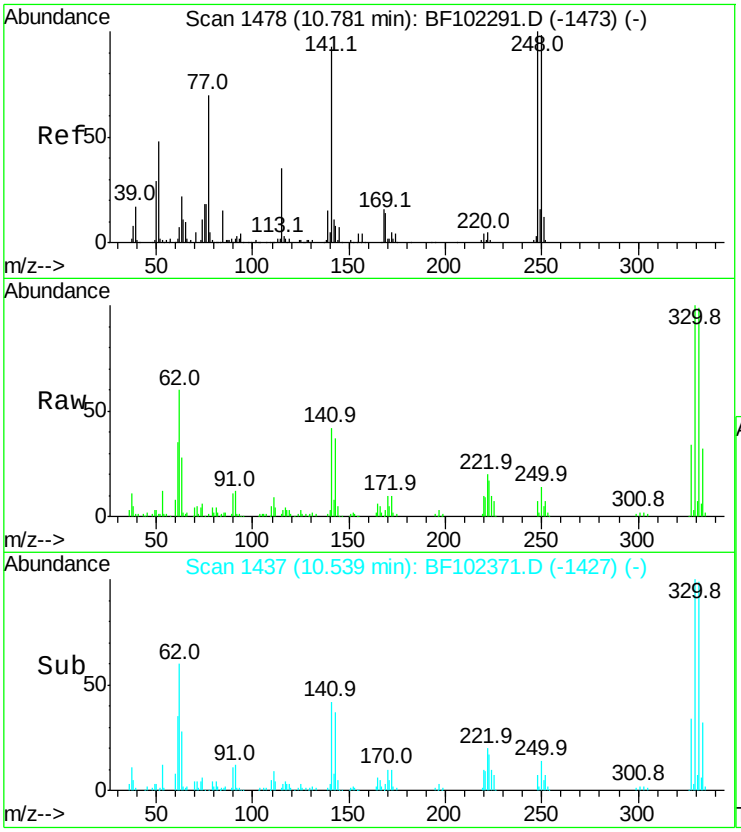


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion:188 Resp: 333384

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.5	9.2	13.8



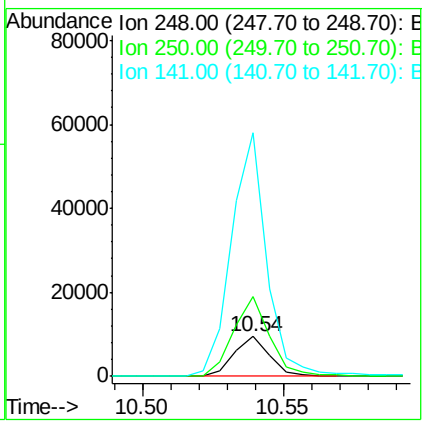


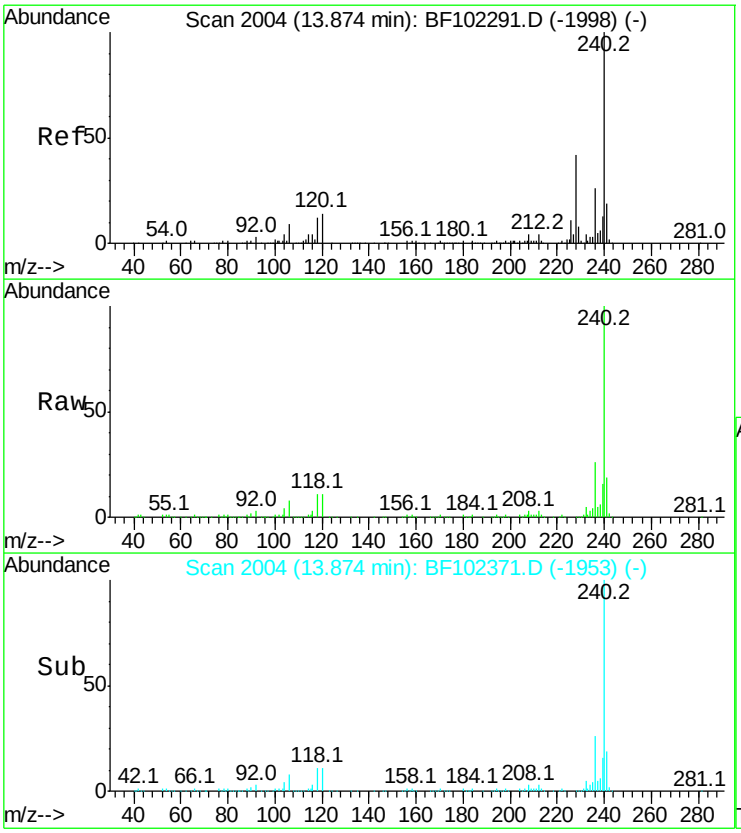
#66
4-Bromophenyl-phenylether
Concen: 2.282 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8191

Ion	Ratio	Lower	Upper
248	100		
250	200.6	76.9	115.3#
141	615.8	74.4	111.6#

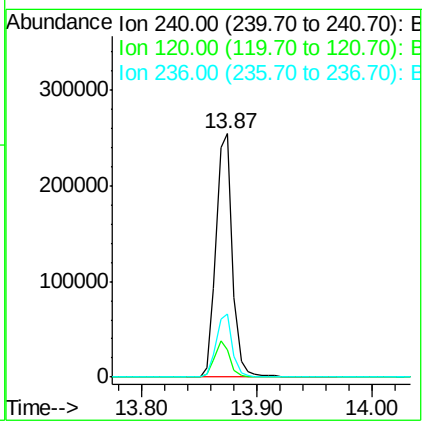


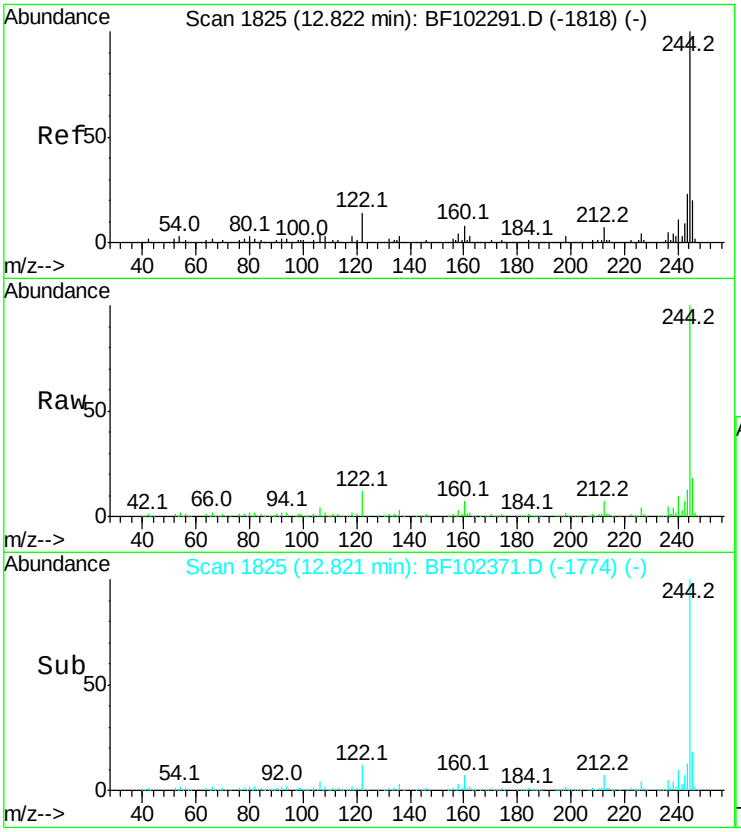


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion:240 Resp: 252969

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.8	20.7	31.1



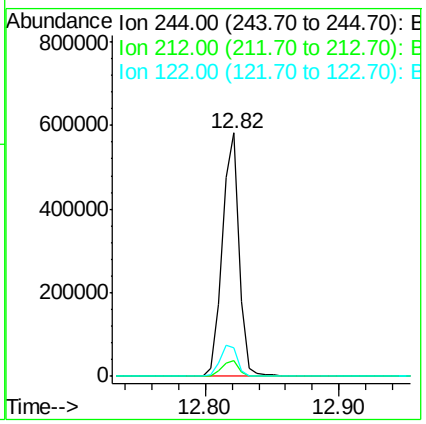


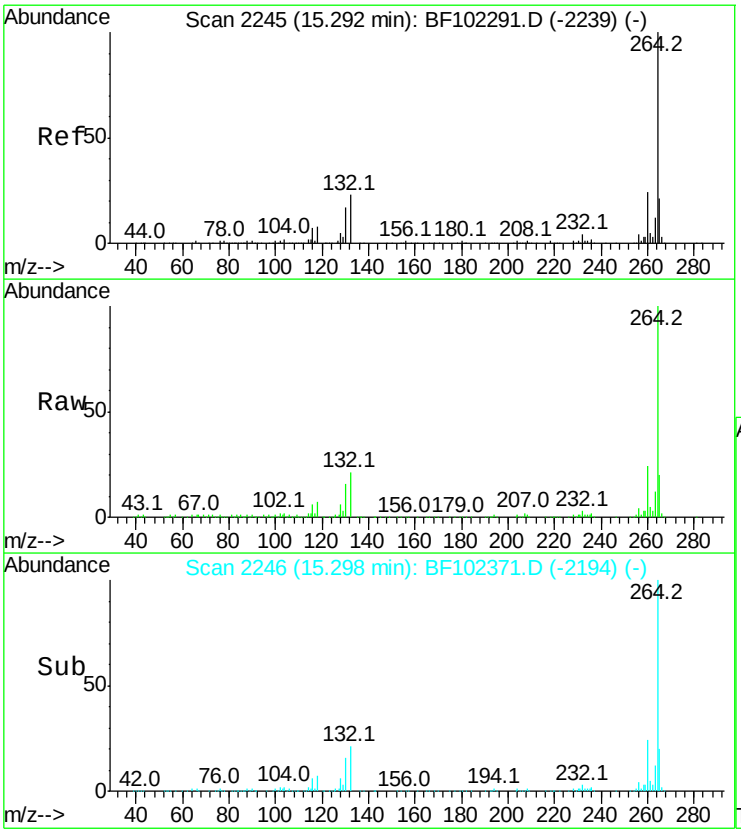
#78
Terphenyl-d14
Concen: 46.301 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 519563

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102371.D
Acq: 24 Jan 2018 4:30

Tgt Ion:264 Resp: 228907

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.3	17.5	26.3