Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
Data File : BF102403.D
Acq On : 24 Jan 2018 21:27
Operator : SJ/JU
Sample : J1254-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 25 00:11:18 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	117144	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	468078	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	188726	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	304505	20.00	ng		0.00
75) Chrysene-d12	13.87	240	260815	20.00	ng		0.00
86) Perylene-d12	15.30	264	249708	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	931515	120.57	ng		0.02
7) Phenol-d6	6.36	99	1033577	110.97	ng		0.00
23) Nitrobenzene-d5	7.29	82	712365	87.46	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	212086	113.41	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1195945	93.18	ng		0.00
78) Terphenyl-d14	12.82	244	867761	75.01	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	20811	3.204	ng		83
10) Phenol	6.37	94	34868	3.429	ng		95
15) Benzyl Alcohol	6.88	79	922987	140.446	ng		99
17) 2-Methylphenol	6.88	107	515391	73.275	ng	#	16
20) 3+4-Methylphenols	6.88	107	504045	60.932	ng	#	1
25) Isophorone	7.29	82	708225	48.773	ng	#	64
27) 2,4-Dimethylphenol	7.77	122	68540	10.759	ng	#	1
31) Naphthalene	8.02	128	174187	7.453	ng		99
32) Benzoic acid	7.77	122	68540	12.842	ng	#	1
33) 4-Chloroaniline	8.02	127	22734	2.313	ng	#	32
49) Dimethylphthalate	9.47	163	32446	2.080	ng		99
50) 2,6-Dinitrotoluene	9.75	165	24529	7.293	ng	#	26
56) 2,4-Dinitrotoluene	9.75	165	24529	5.931	ng	#	24
66) 4-Bromophenyl-phenylether	10.54	248	14660	4.472	ng	#	1

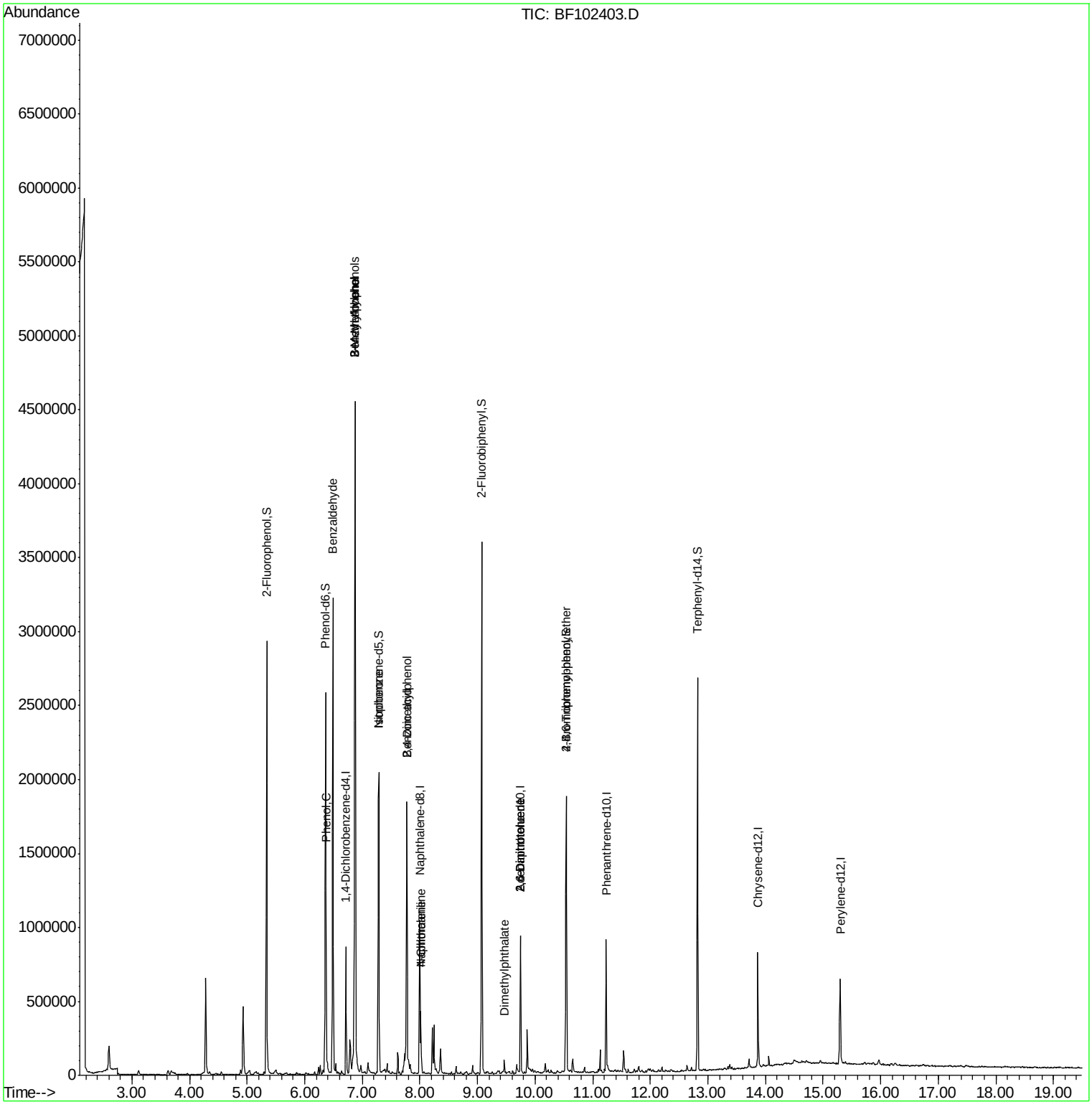
(#) = qualifier out of range (m) = manual integration (+) = signals summed

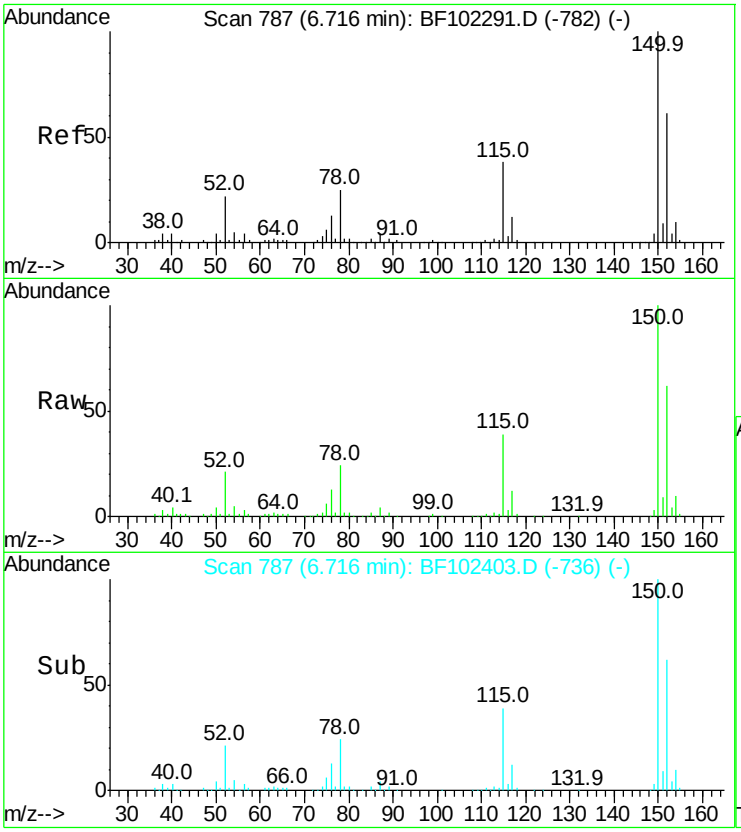
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
Data File : BF102403.D
Acq On : 24 Jan 2018 21:27
Operator : SJ/JU
Sample : J1254-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 25 00:11:18 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



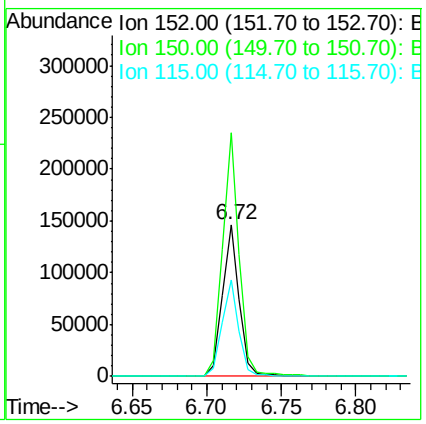


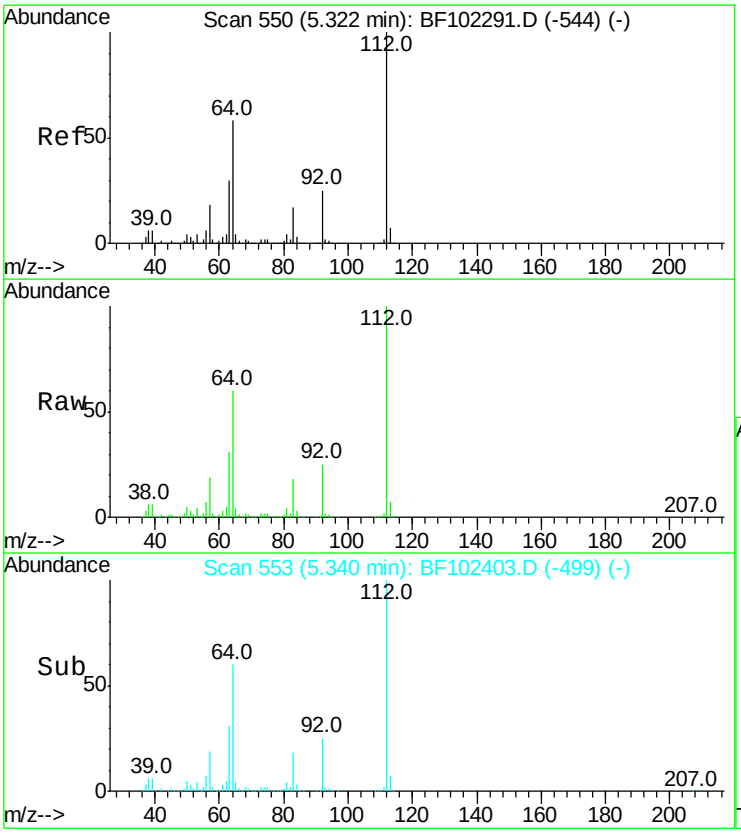
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117144

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	63.2	50.1	75.1

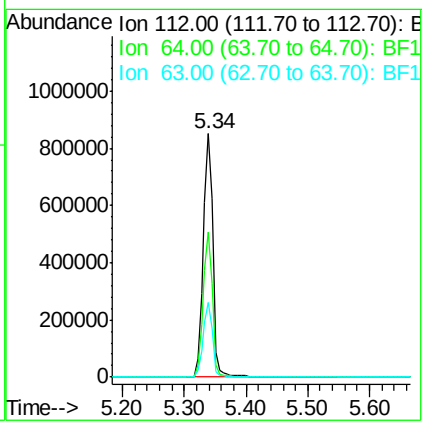


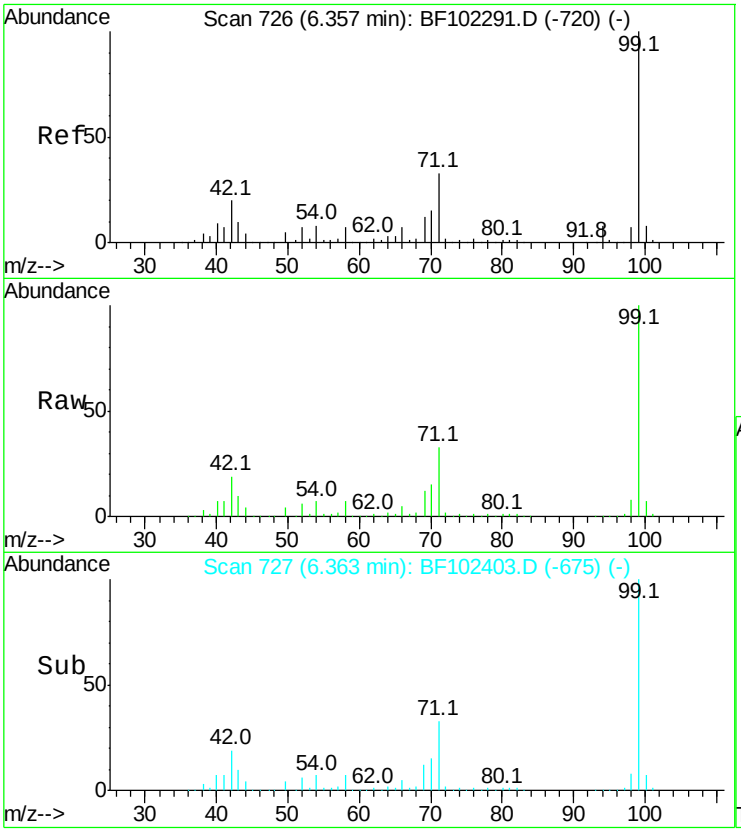


#5
2-Fluorophenol
Concen: 120.571 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:112 Resp: 931515

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	30.8	23.7	35.5



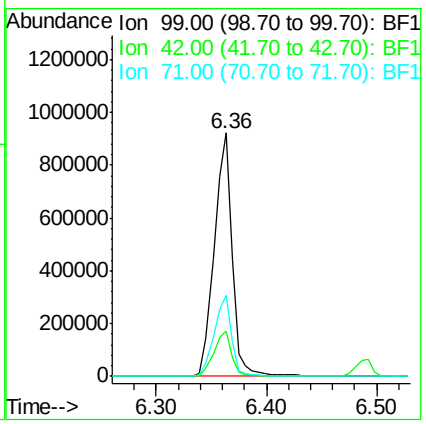


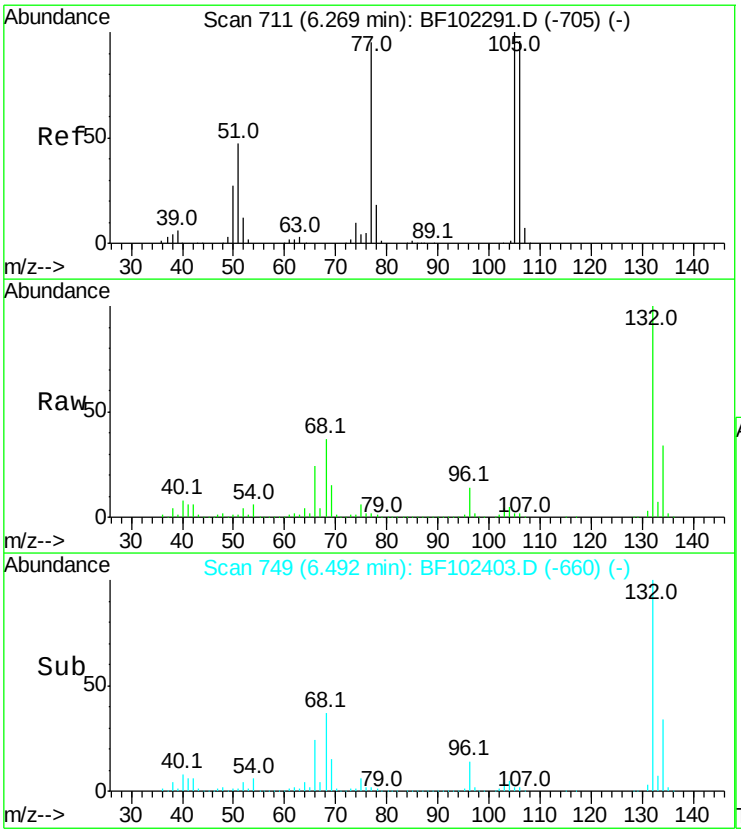
#7
Phenol-d6
Concen: 110.968 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1033577

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.5	25.4	38.0

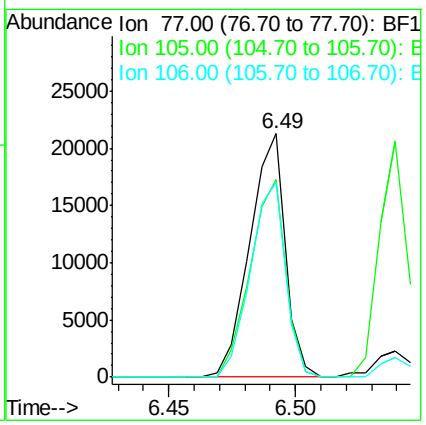


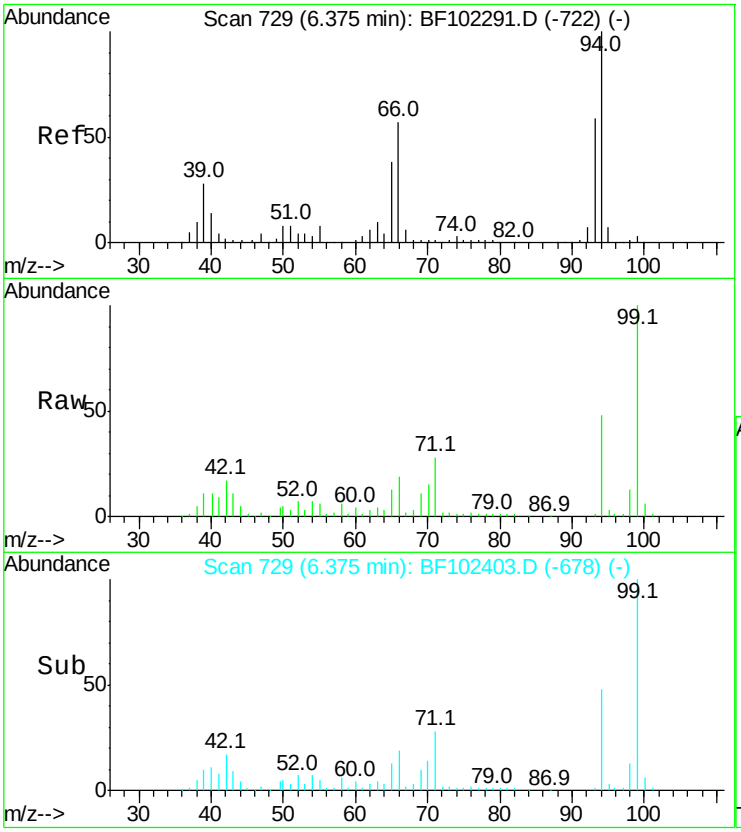


#9
Benzaldehyde
Concen: 3.204 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion: 77 Resp: 20811

Ion	Ratio	Lower	Upper
77	100		
105	81.3	81.1	121.1
106	80.2	74.5	114.5



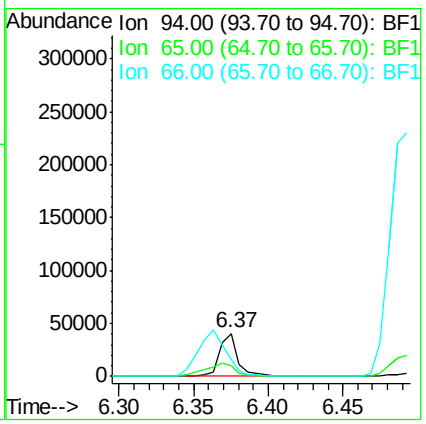


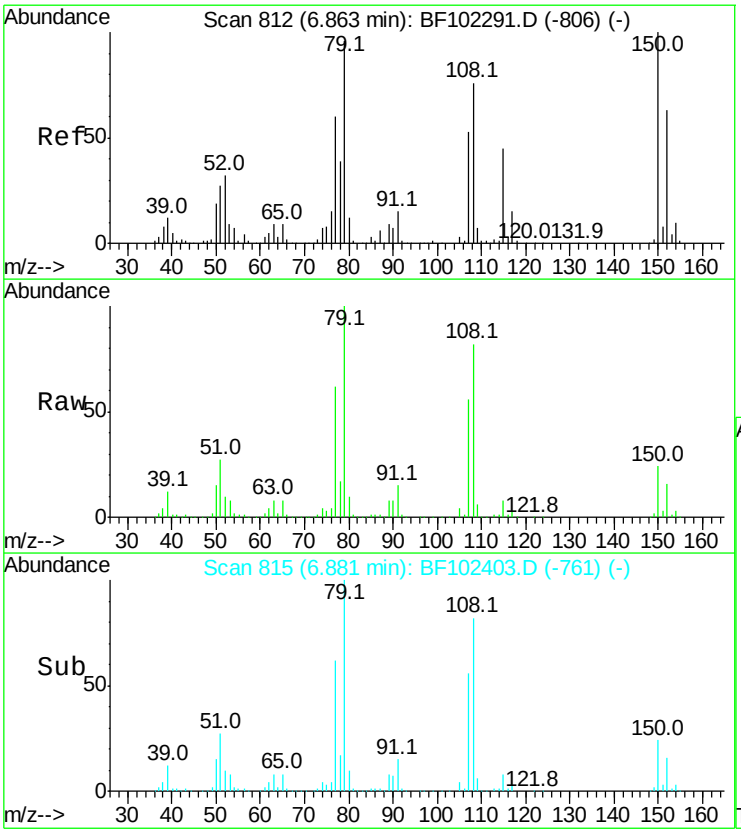
#10
Phenol
Concen: 3.429 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 34868

Ion	Ratio	Lower	Upper
94	100		
65	26.1	7.9	47.9
66	40.3	16.2	56.2

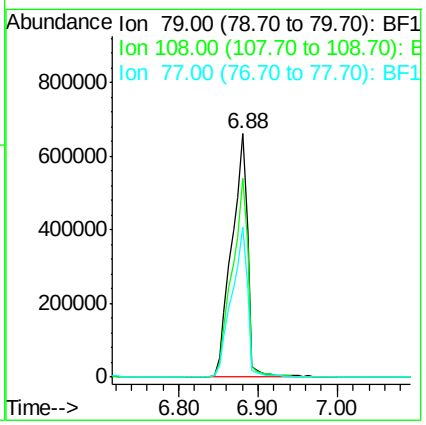


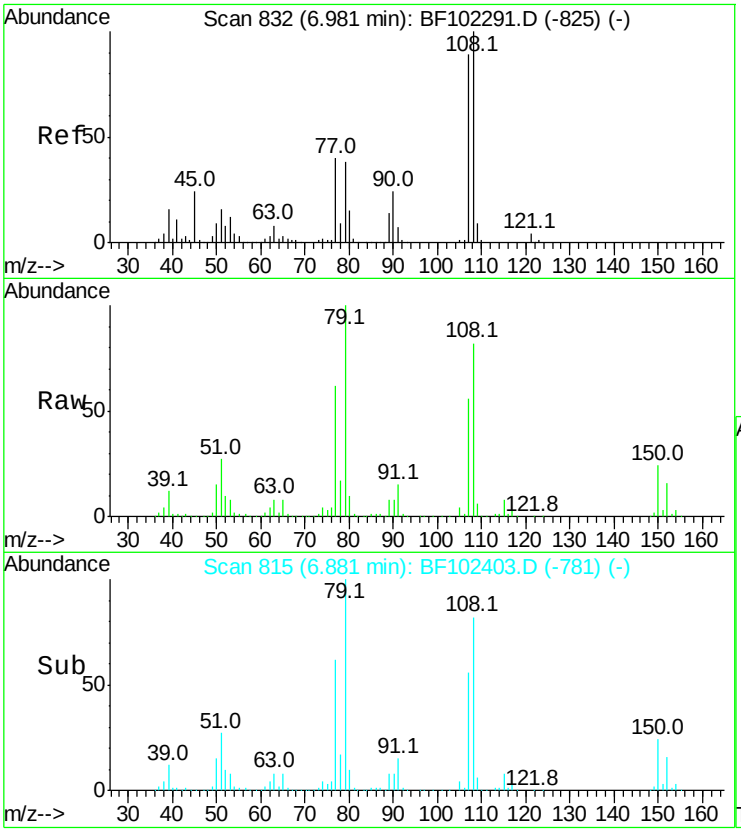


#15
Benzyl Alcohol
Concen: 140.446 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.02 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion: 79 Resp: 922987

Ion	Ratio	Lower	Upper
79	100		
108	81.6	65.1	97.7
77	61.7	50.6	75.8



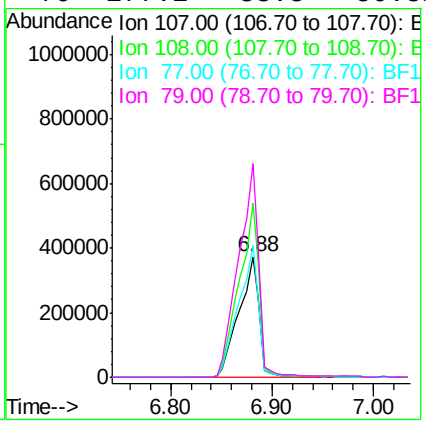


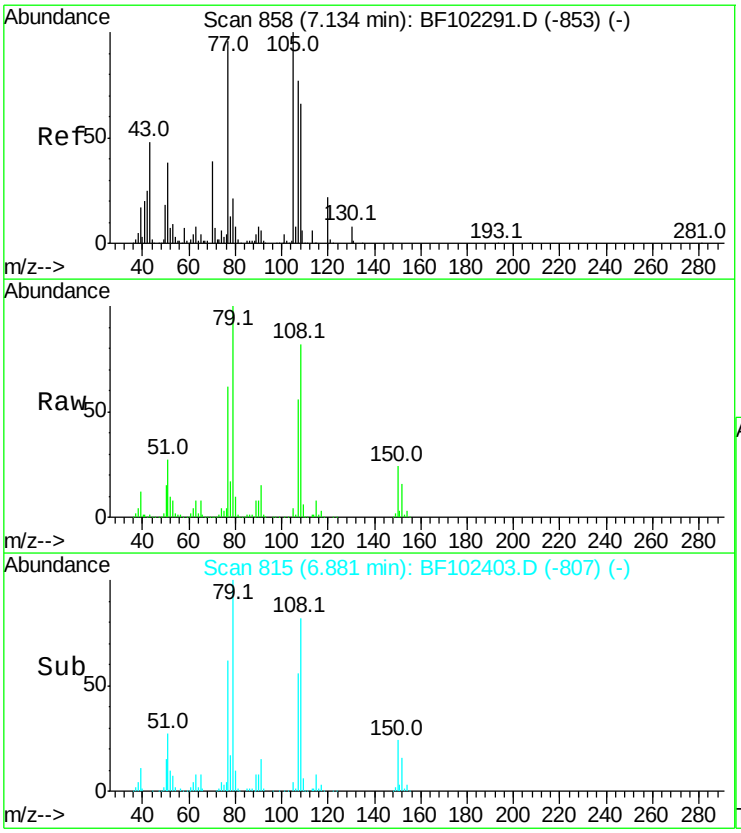
#17
2-Methylphenol
Concen: 73.275 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.10 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 515391

Ion	Ratio	Lower	Upper
107	100		
108	144.7	91.7	137.5#
77	109.4	33.8	50.8#
79	177.2	33.8	50.8#

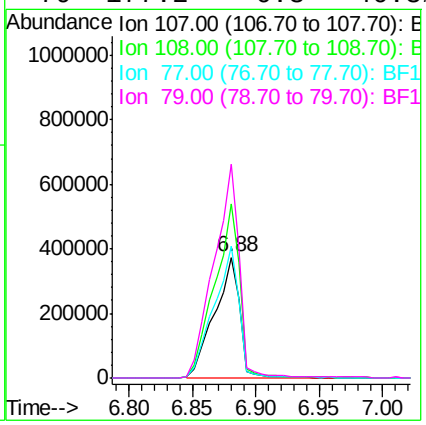


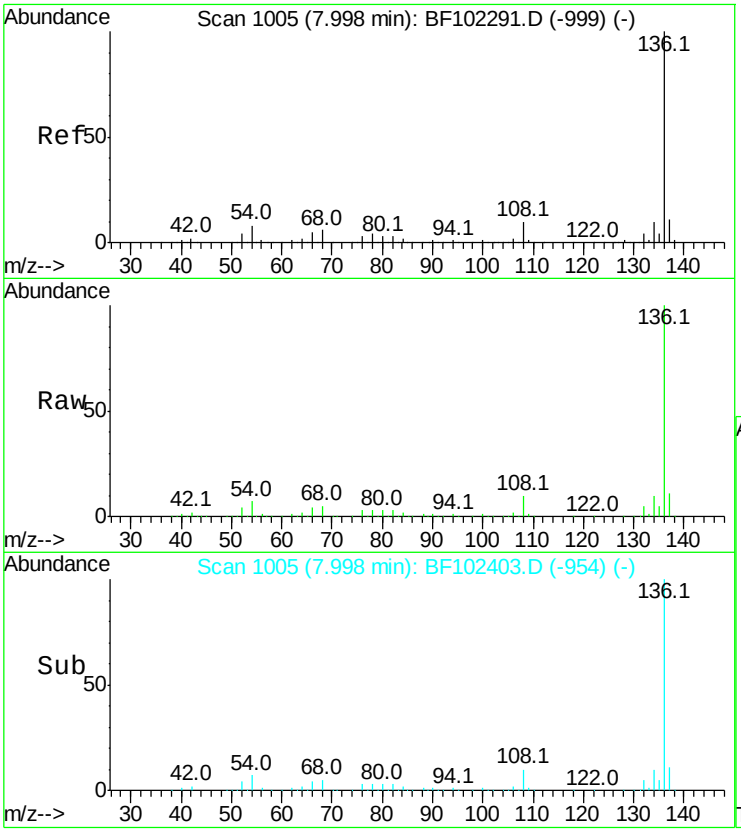


#20
3+4-Methylphenols
Concen: 60.932 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.25 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:107 Resp: 504045

Ion	Ratio	Lower	Upper
107	100		
108	144.7	68.2	108.2#
77	109.4	26.7	66.7#
79	177.2	6.3	46.3#



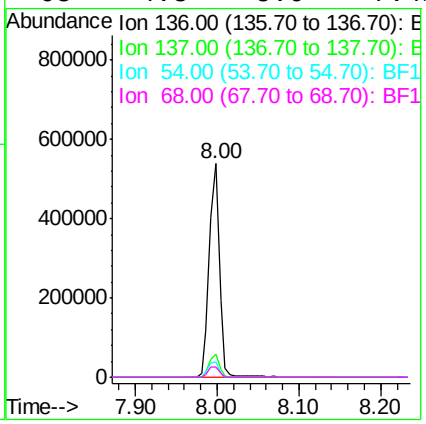


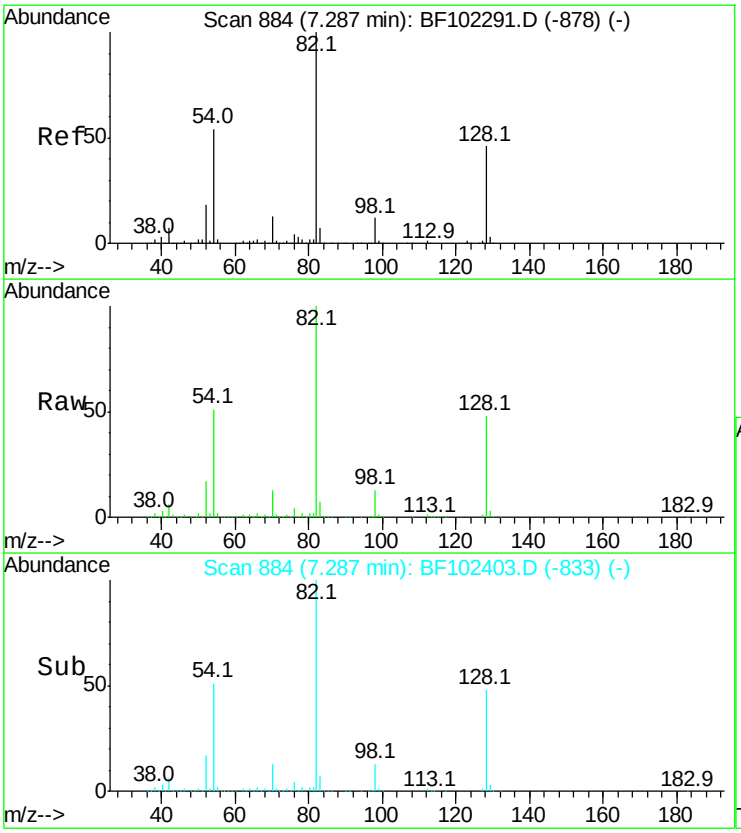
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 468078

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	4.8	5.0	7.4#

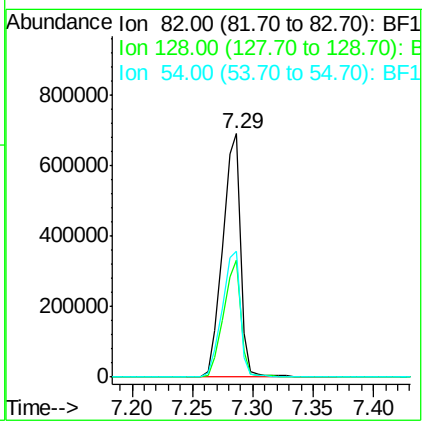


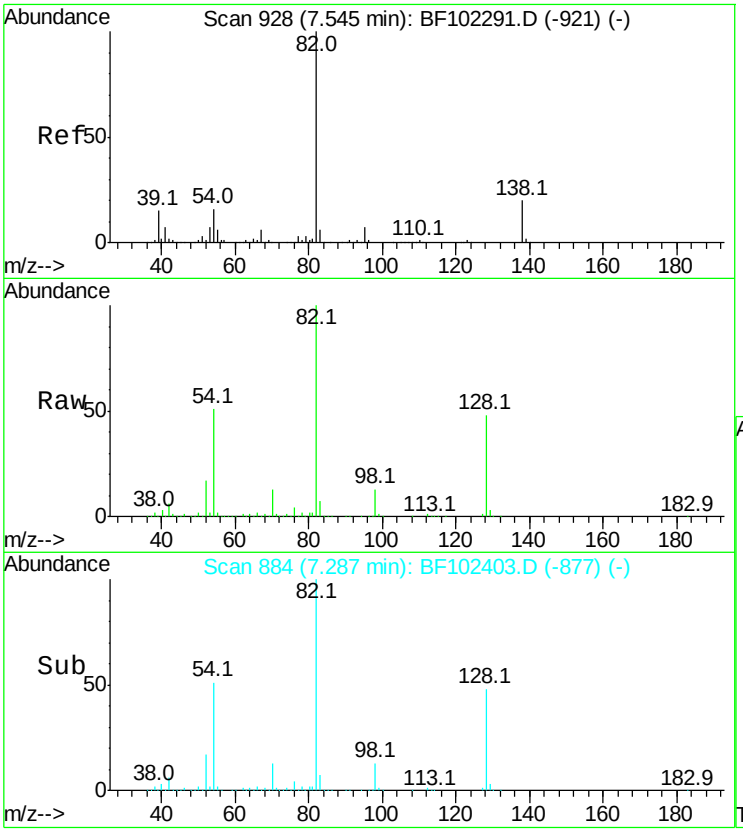


#23
Nitrobenzene-d5
Concen: 87.459 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion: 82 Resp: 712365

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	51.5	41.4	62.2



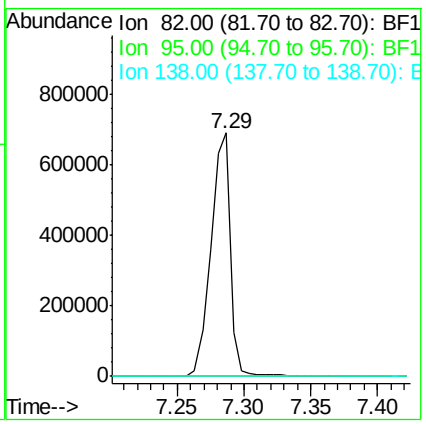


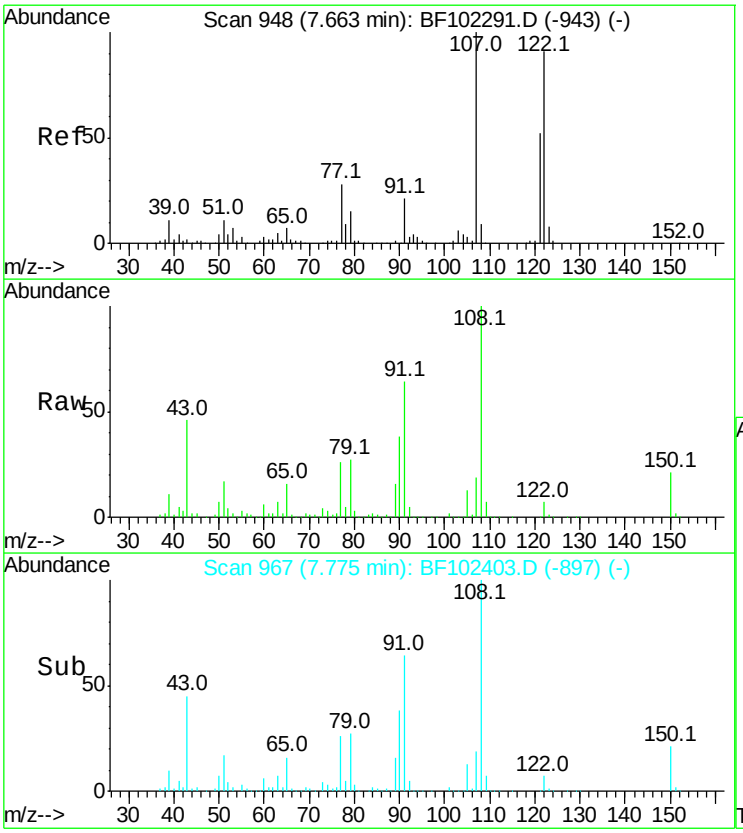
#25
Isophorone
Concen: 48.773 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 708225

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

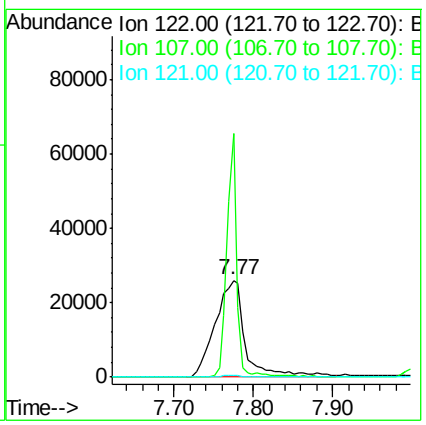


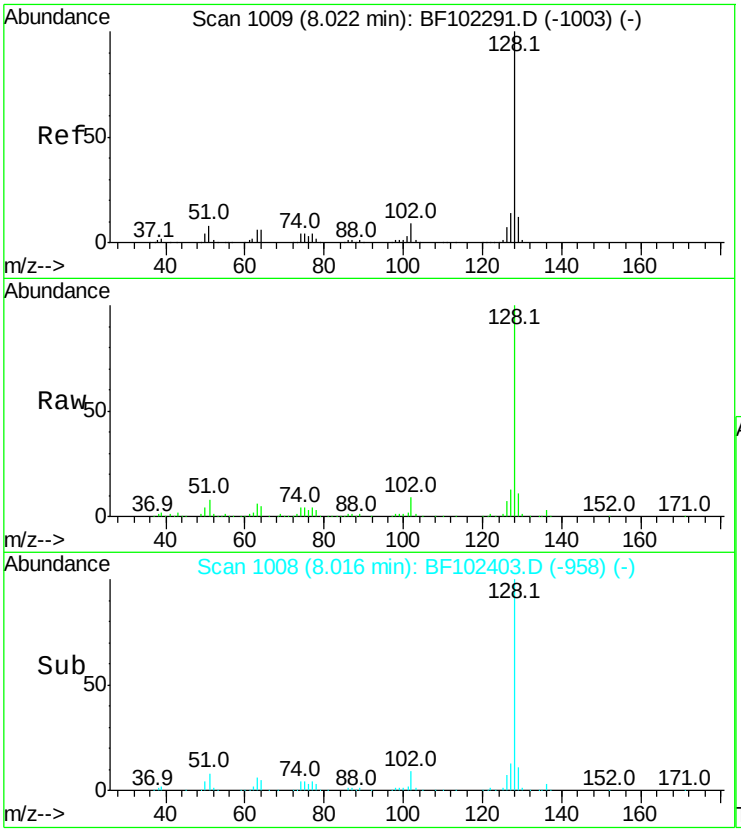


#27
2,4-Dimethylphenol
Concen: 10.759 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.11 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:122 Resp: 68540

Ion	Ratio	Lower	Upper
122	100		
107	251.9	91.2	136.8#
121	1.8	47.2	70.8#



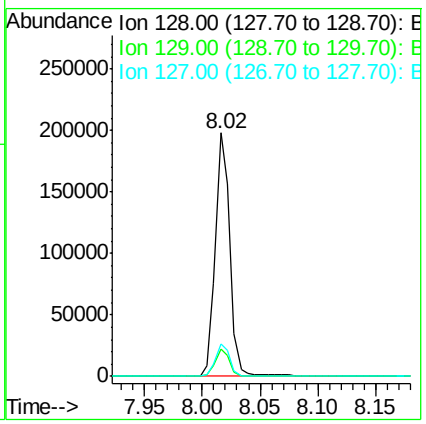


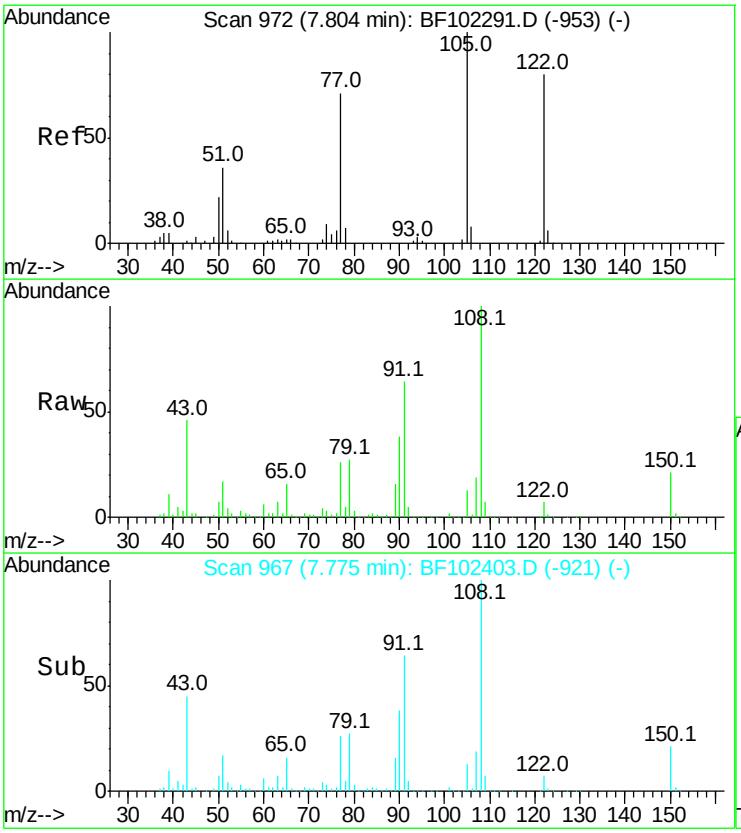
#31
Naphthalene
Concen: 7.453 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 174187

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.1	10.9	16.3

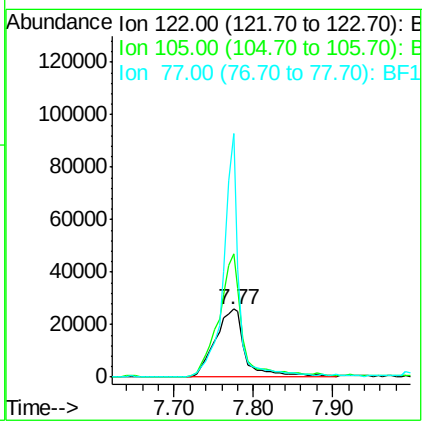


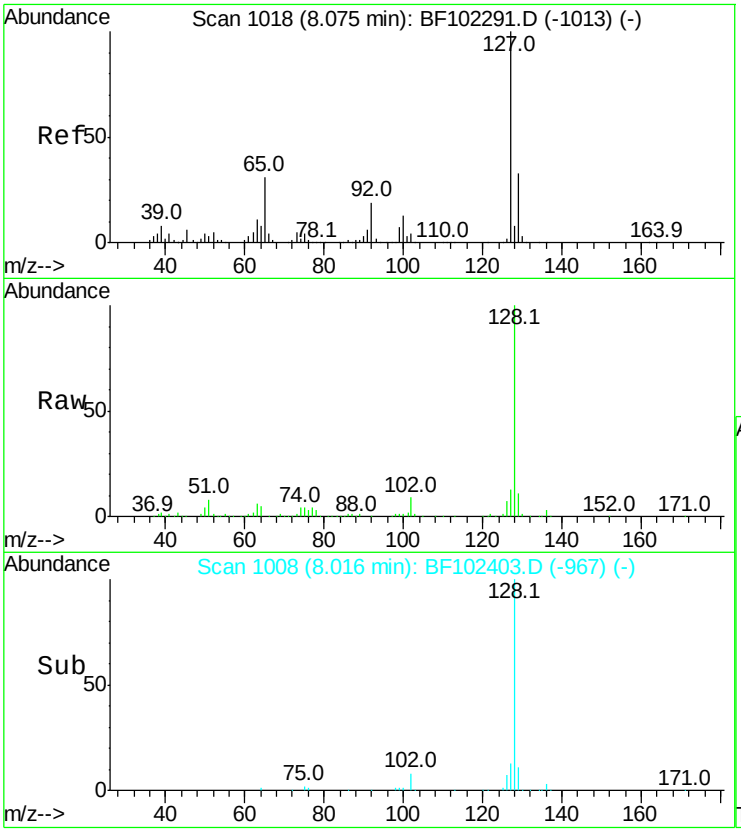


#32
Benzoic acid
Concen: 12.842 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:122 Resp: 68540

Ion	Ratio	Lower	Upper
122	100		
105	179.9	101.1	141.1#
77	357.0	70.7	110.7#



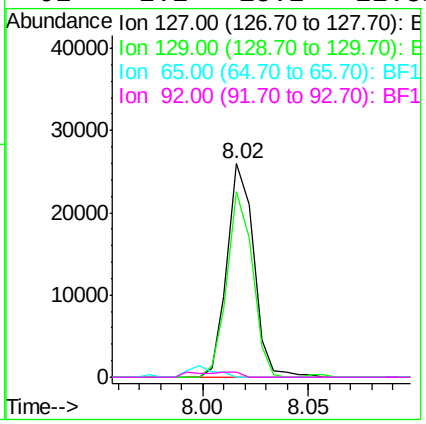


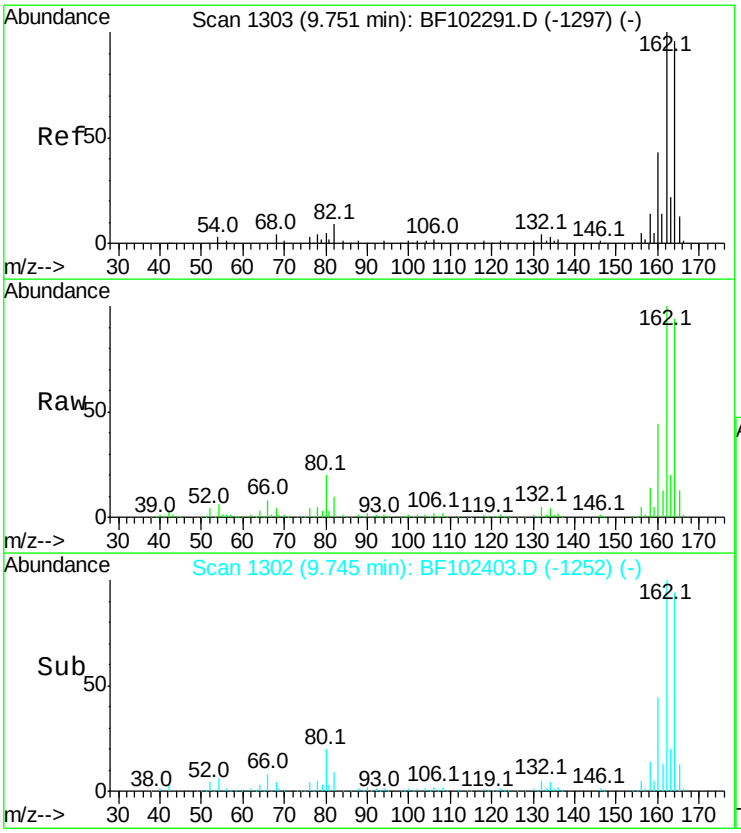
#33
4-Chloroaniline
Concen: 2.313 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 22734

Ion	Ratio	Lower	Upper
127	100		
129	86.9	25.9	38.9#
65	0.0	25.0	37.4#
92	2.2	15.2	22.8#

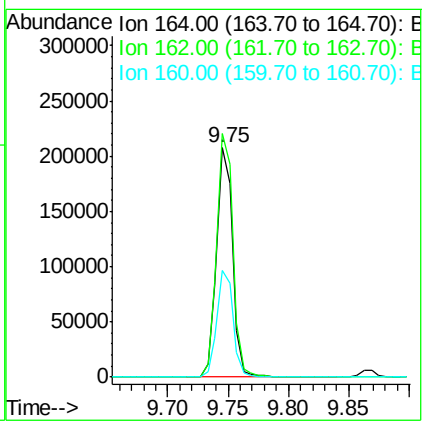


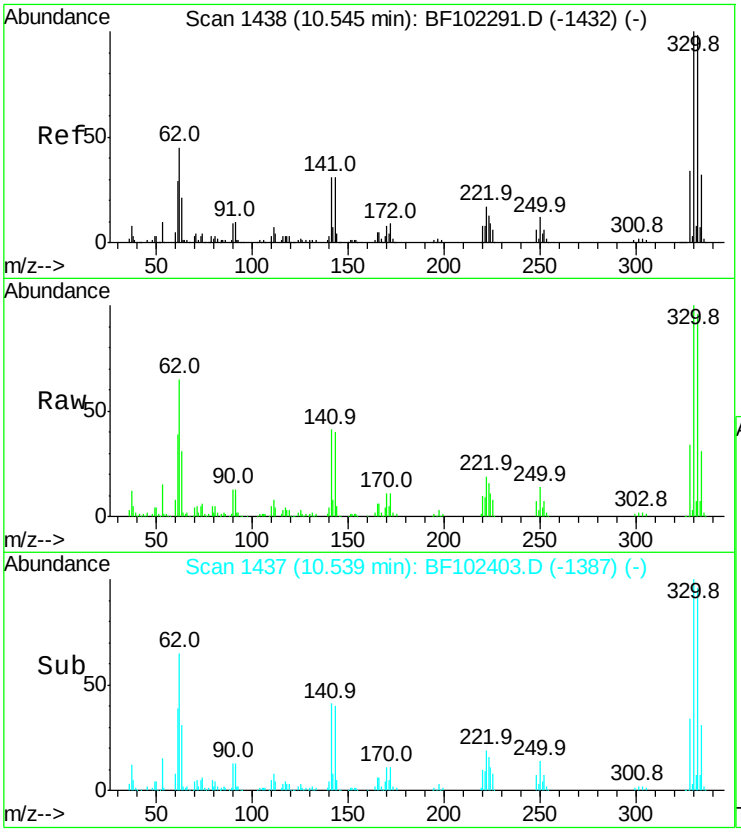


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:164 Resp: 188726

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	46.5	38.3	57.5



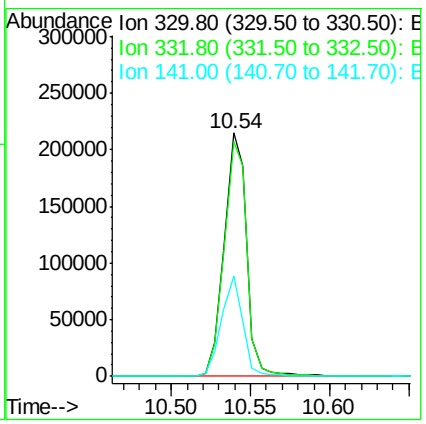


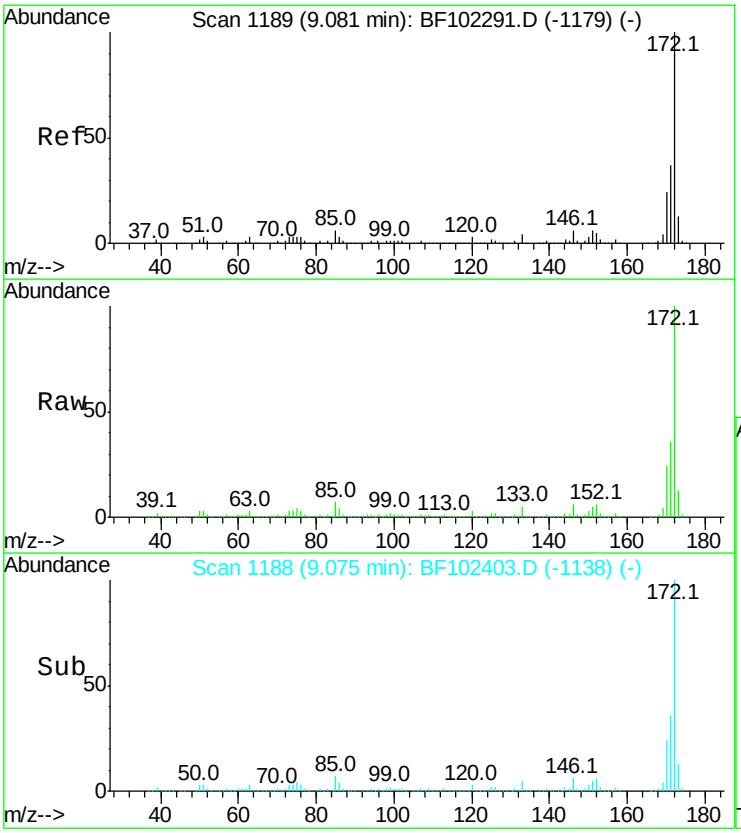
#41
2,4,6-Tribromophenol
Concen: 113.415 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 212086

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	39.6	29.9	44.9

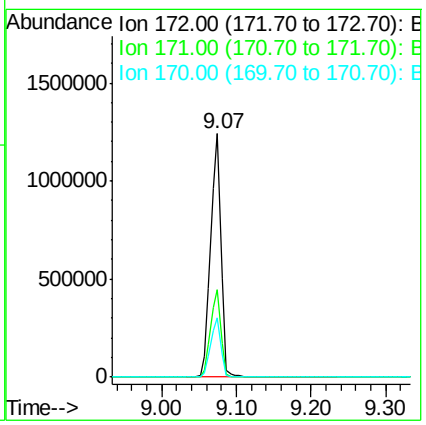


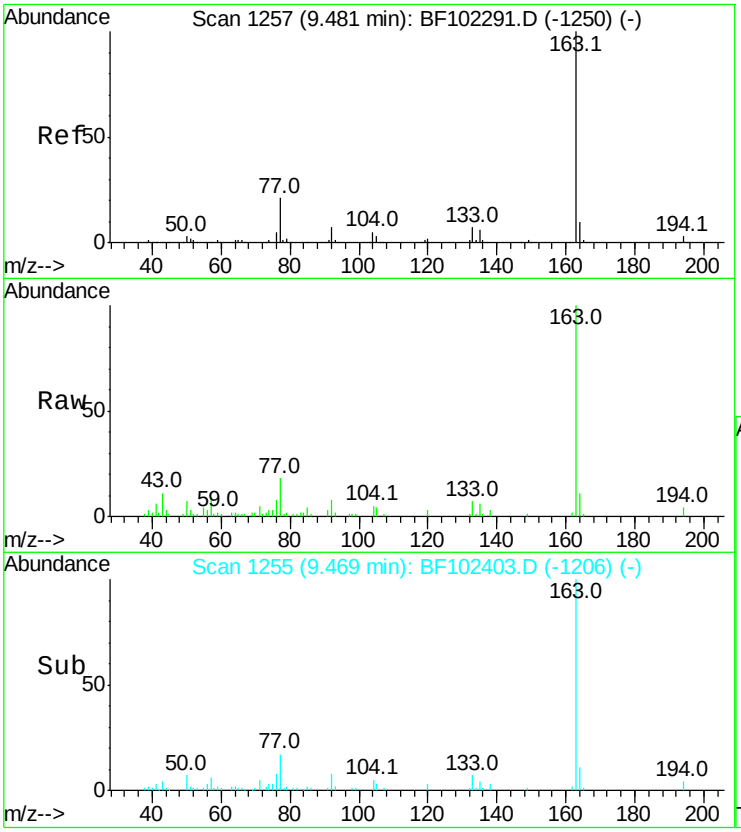


#44
2-Fluorobiphenyl
Concen: 93.175 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:172 Resp: 1195945

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.2	19.6	29.4



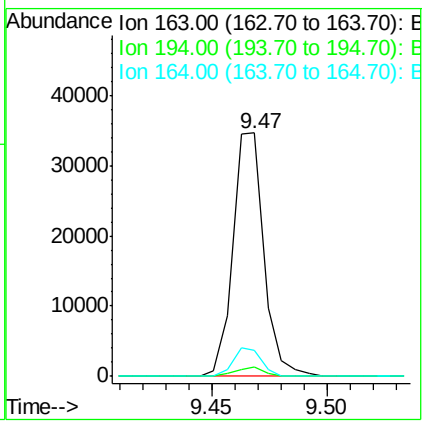


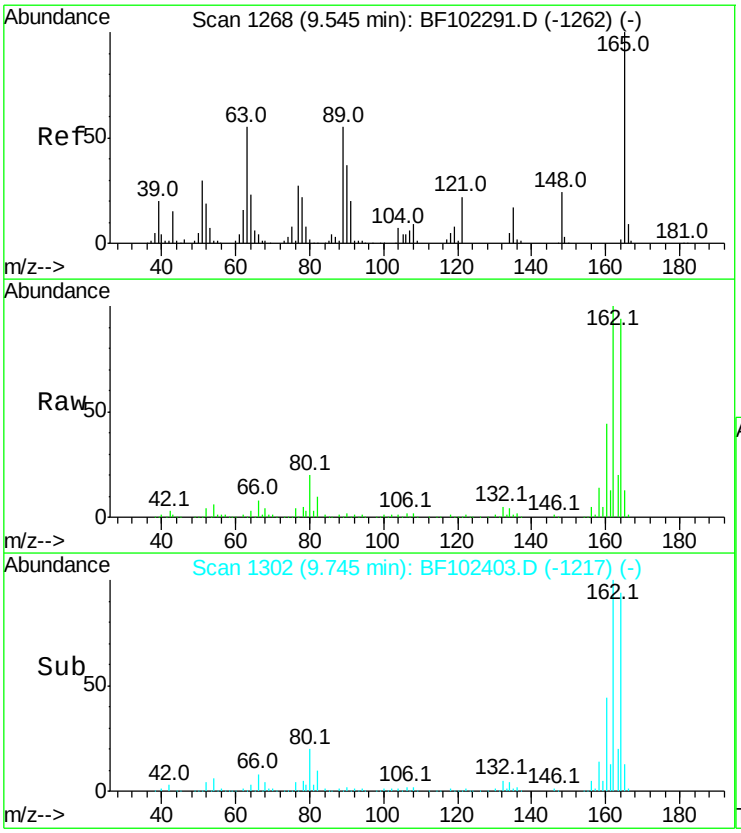
#49
Dimethylphthalate
Concen: 2.080 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 32446

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.6	8.2	12.2

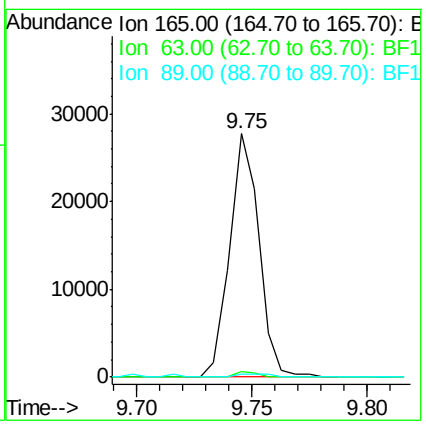


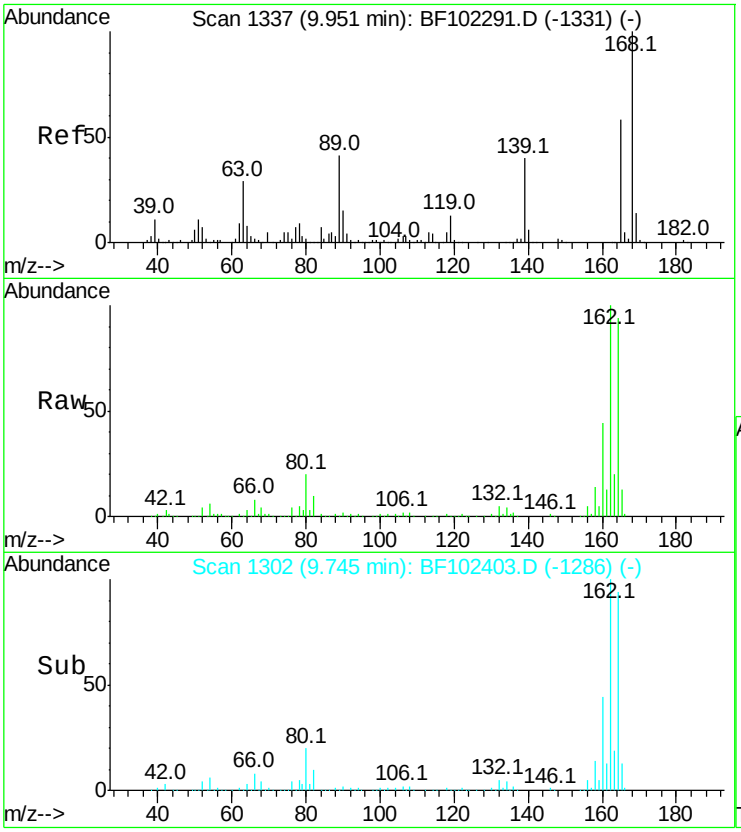


#50
2,6-Dinitrotoluene
Concen: 7.293 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:165 Resp: 24529

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.4	44.0	66.0#



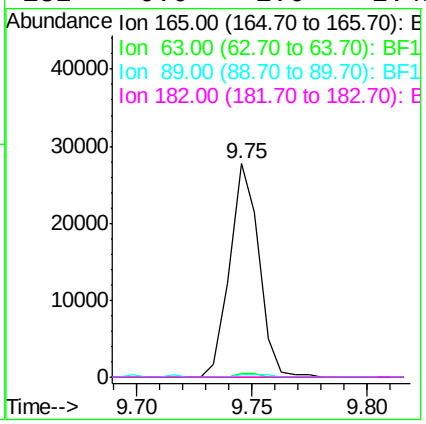


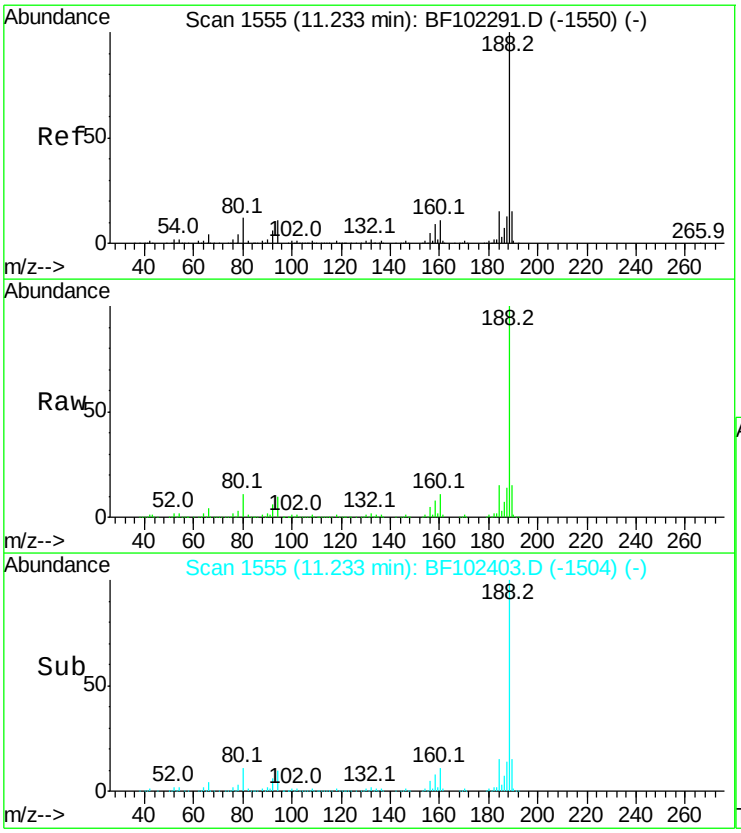
#56
2,4-Dinitrotoluene
Concen: 5.931 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24529

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

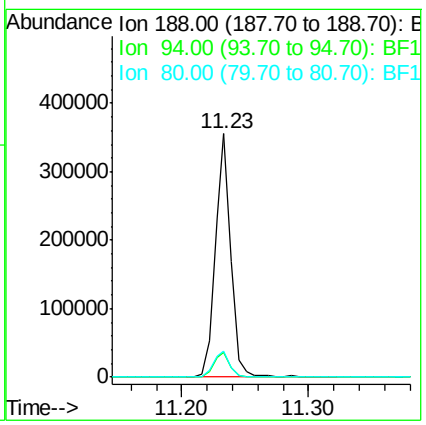


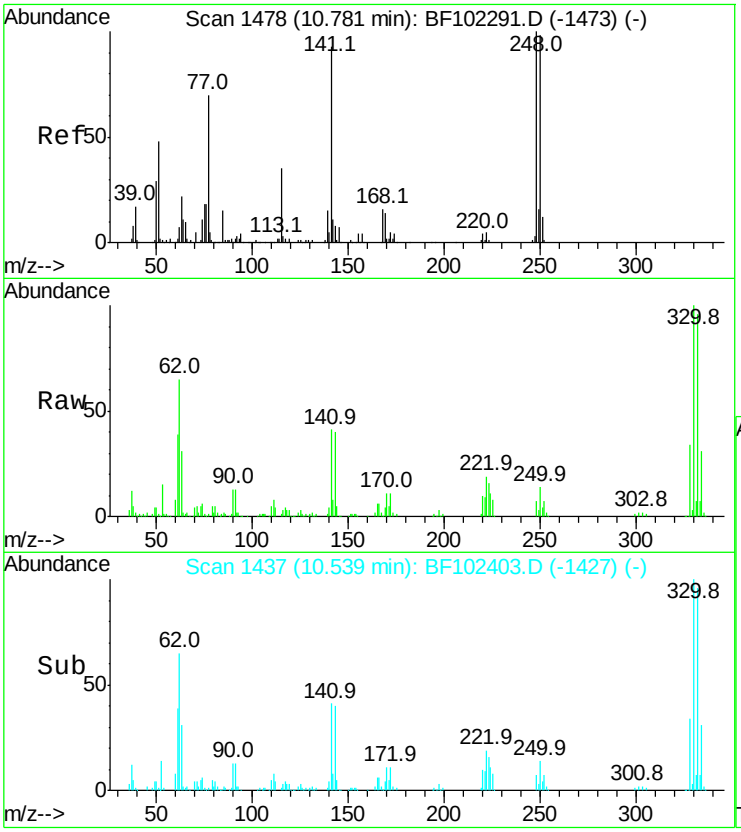


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:188 Resp: 304505

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



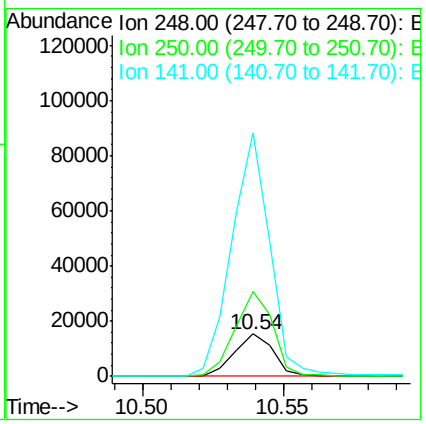


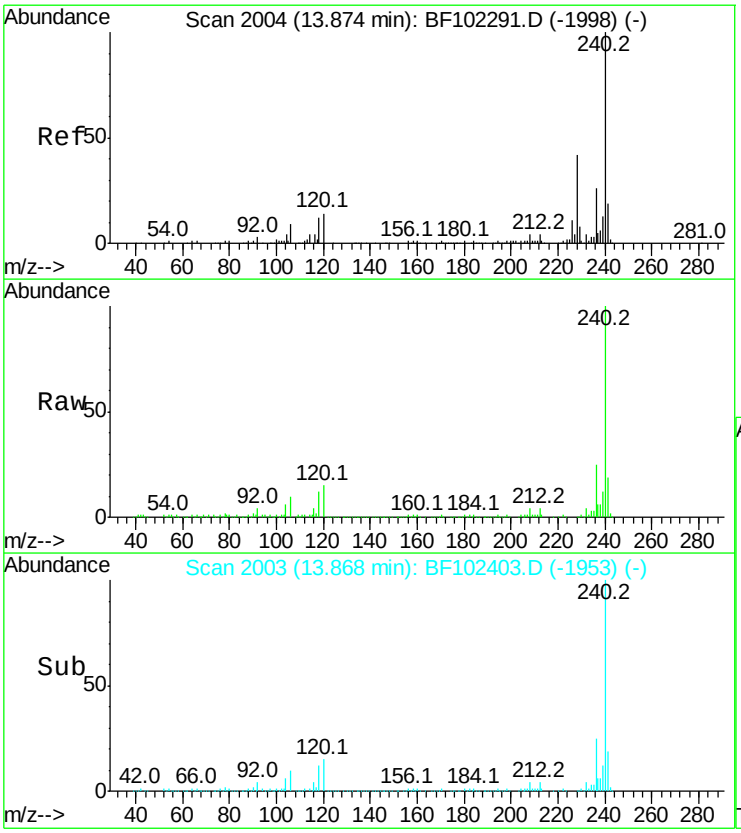
#66
4-Bromophenyl-phenylether
Concen: 4.472 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14660

Ion	Ratio	Lower	Upper
248	100		
250	200.7	76.9	115.3#
141	572.2	74.4	111.6#

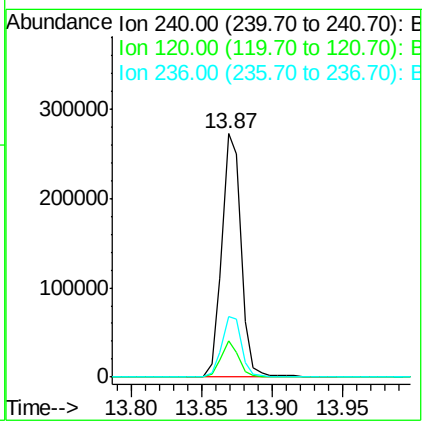


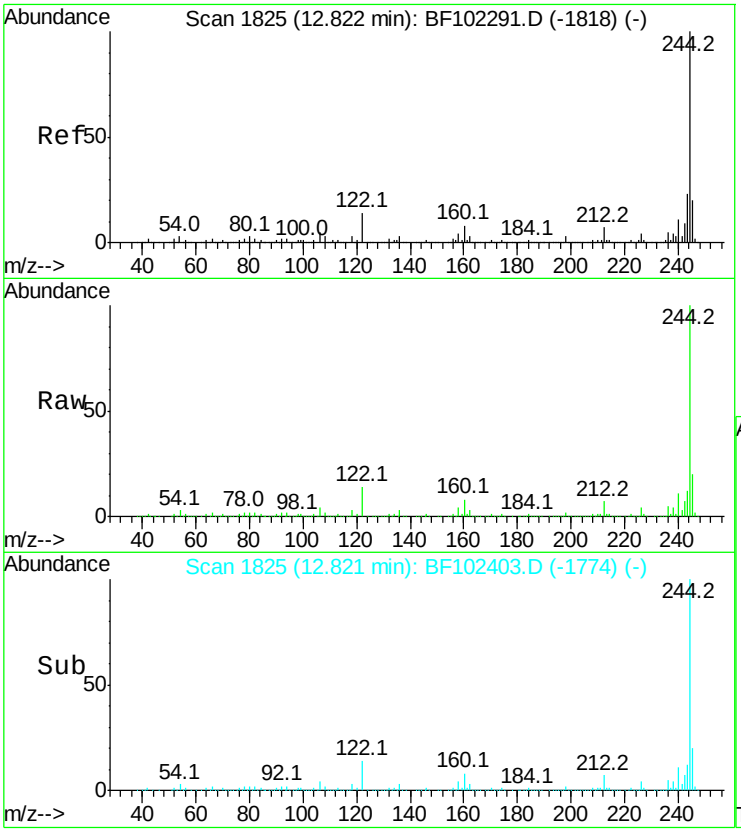


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:240 Resp: 260815

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	24.9	20.7	31.1



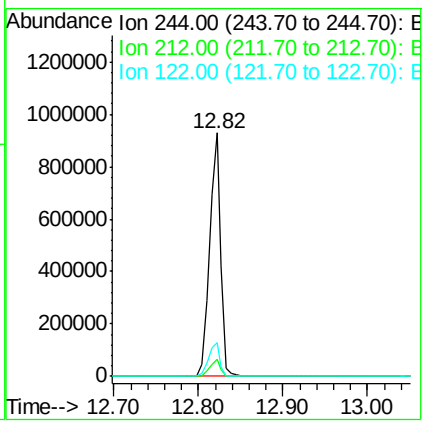


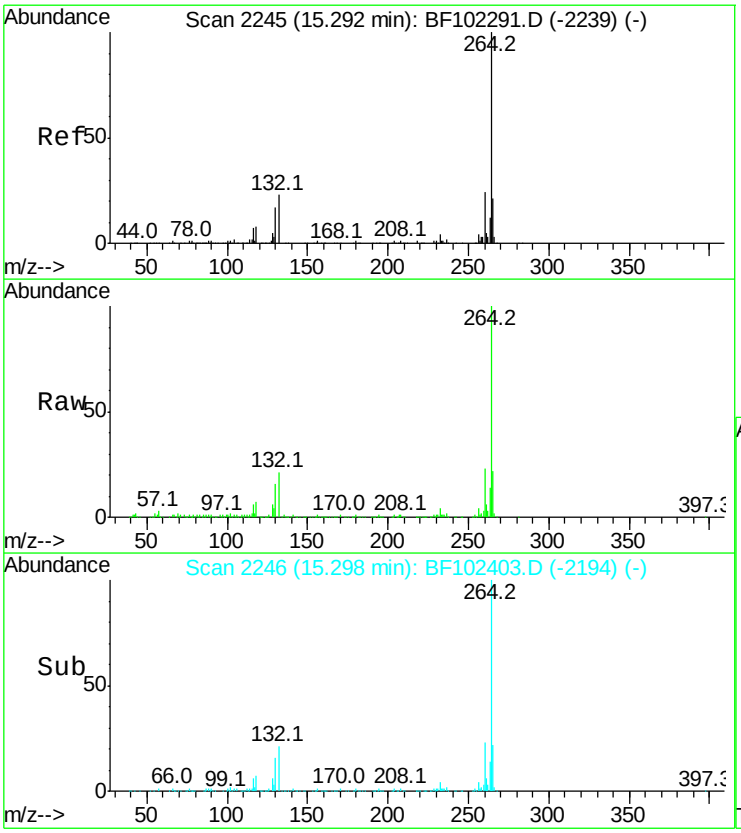
#78
Terphenyl-d14
Concen: 75.005 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 867761

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.9	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: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:264 Resp: 249708

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	17.5	26.3