Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102105.D
Acq On : 16 Jan 2018 13:21
Operator : SJ/JU
Sample : J1114-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 23:31:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	161055	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	627585	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	272009	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	426805	20.00	ng		0.00
75) Chrysene-d12	13.87	240	294798	20.00	ng		-0.01
86) Perylene-d12	15.28	264	249311	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	962184	84.36	ng		0.00
7) Phenol-d6	6.36	99	1167853	85.82	ng		0.00
23) Nitrobenzene-d5	7.29	82	733574	68.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	226623	95.47	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1294817	74.37	ng		-0.01
78) Terphenyl-d14	12.82	244	946960	66.69	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	21601	2.286	ng		85
10) Phenol	6.37	94	37877	2.463	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	96993	10.876	ng	#	80
25) Isophorone	7.29	82	731202	34.650	ng	#	64
49) Dimethylphthalate	9.47	163	136406	6.251	ng		100
56) 2,4-Dinitrotoluene	9.76	165	33428	6.119	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.55	198	448	5.833	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	14886	3.303	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Jan 2018 13:21
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_F
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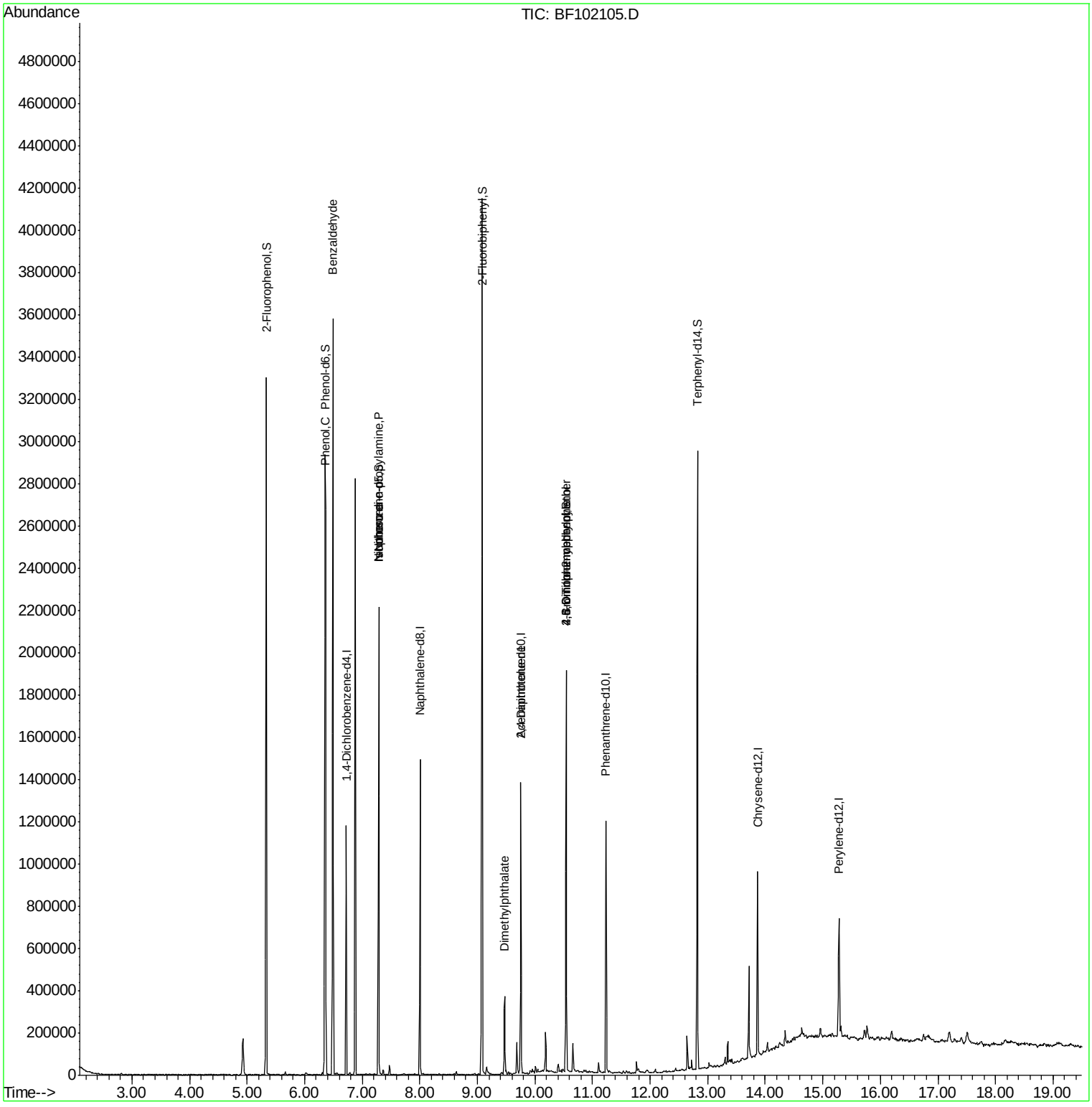
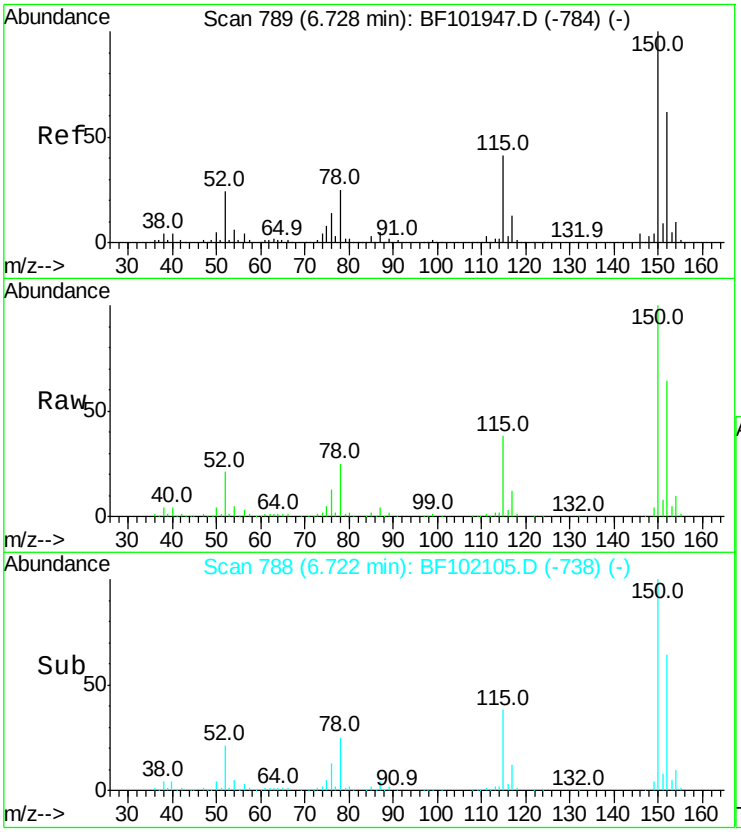


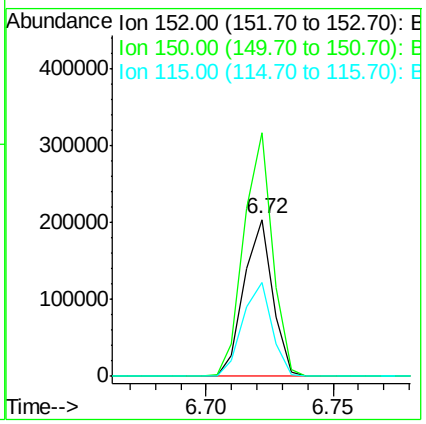


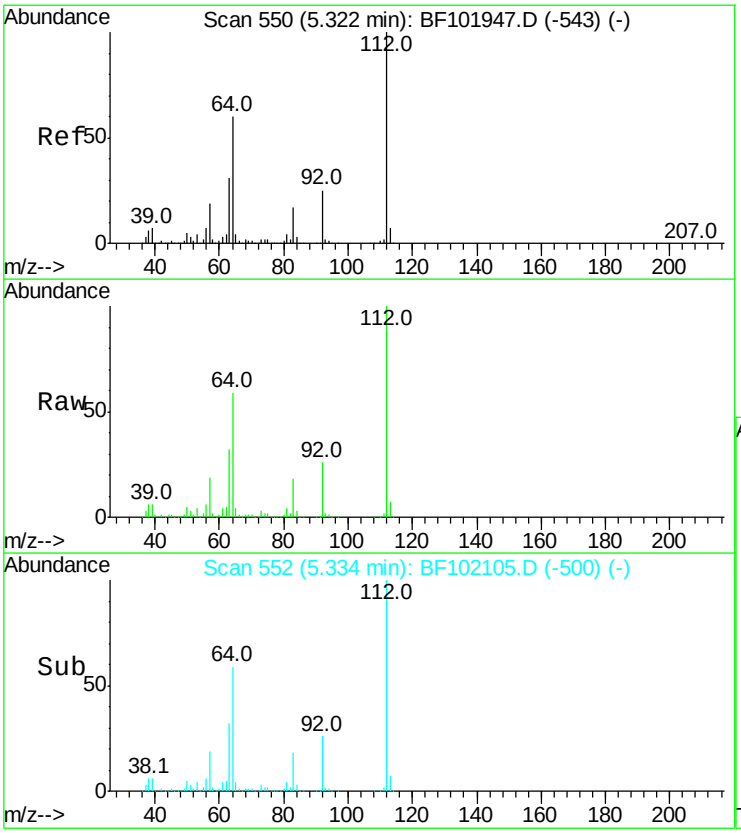
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 161055

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	59.7	50.1	75.1

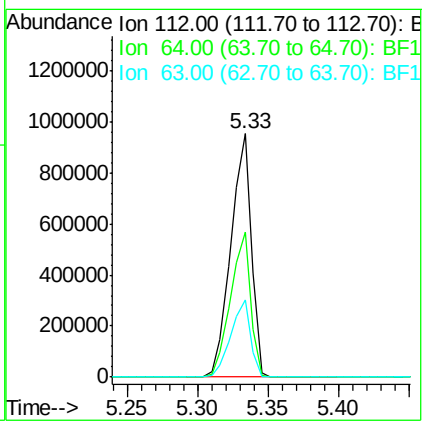


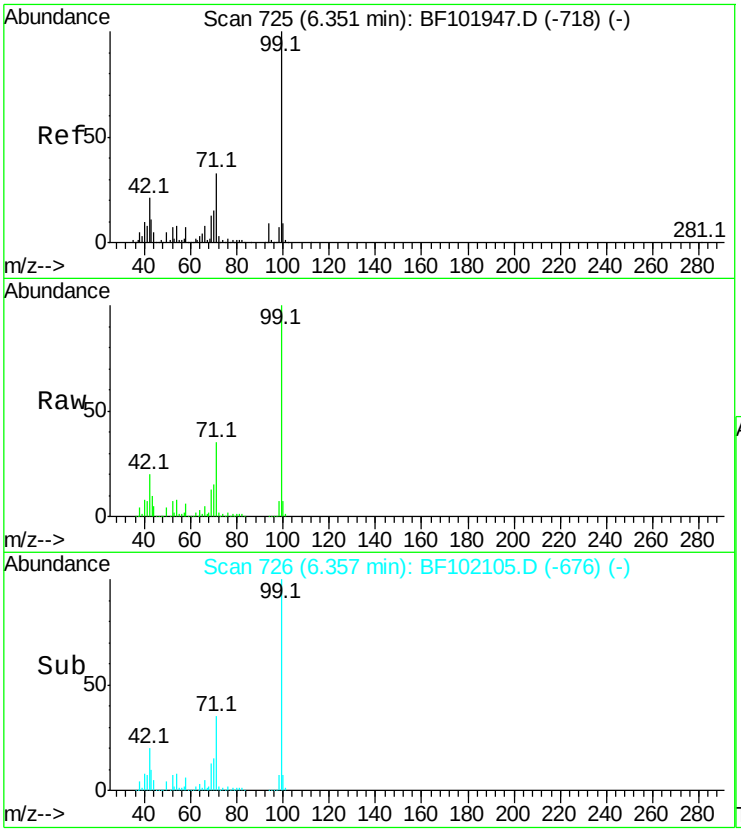


#5
2-Fluorophenol
Concen: 84.361 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion:112 Resp: 962184

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	31.8	23.7	35.5



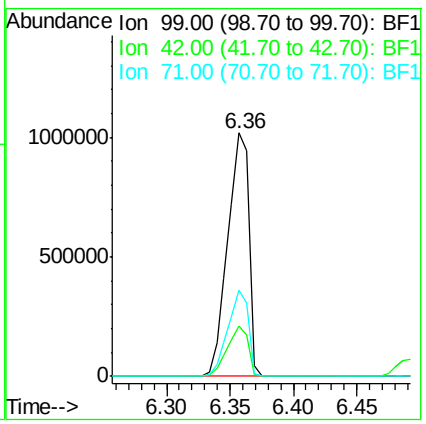


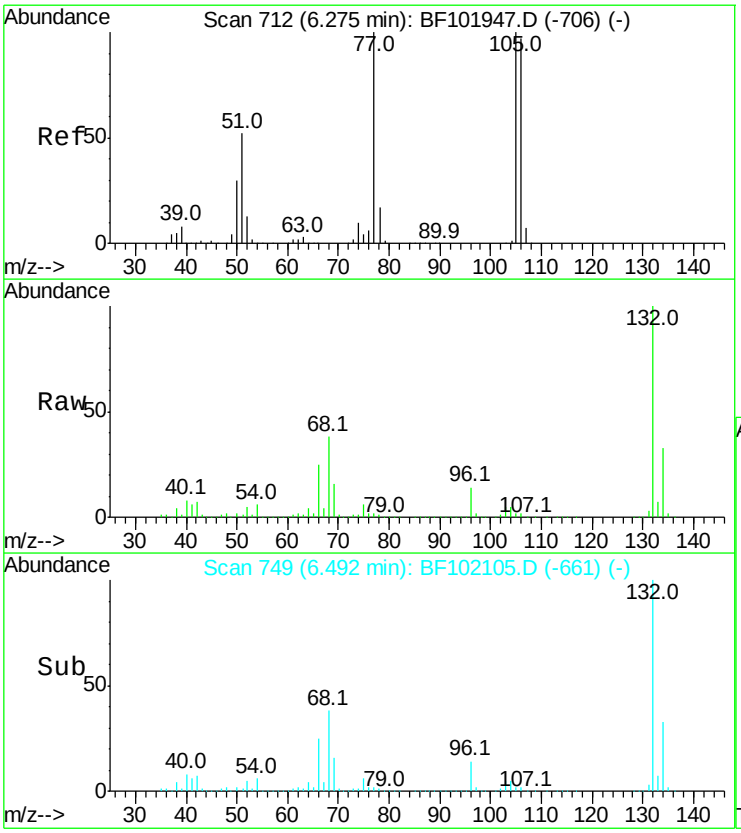
#7
Phenol-d6
Concen: 85.821 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1167853

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	35.3	25.4	38.0

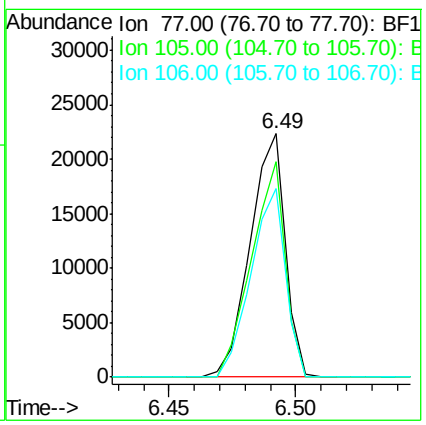


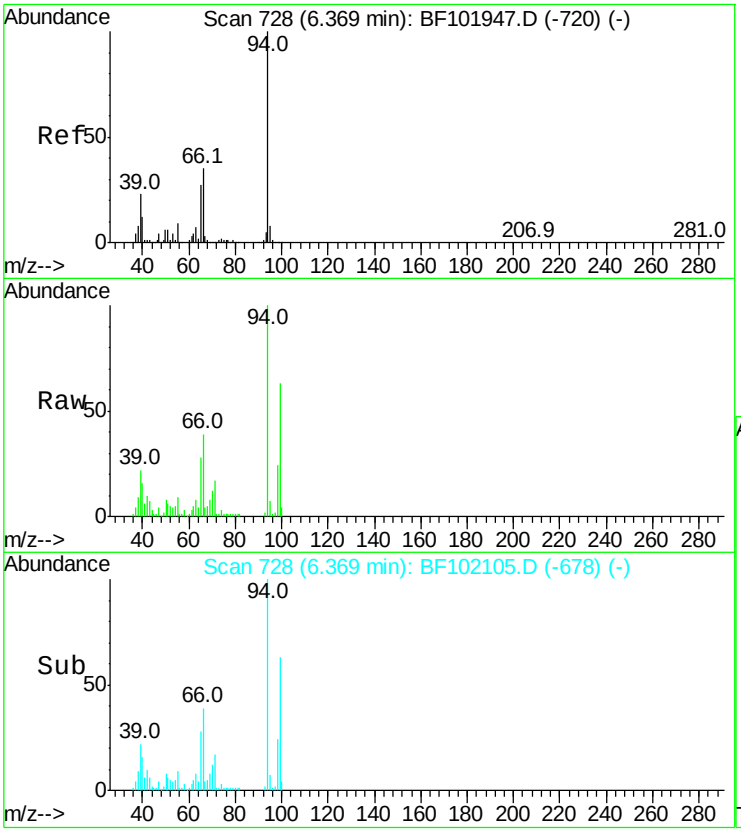


#9
Benzaldehyde
Concen: 2.286 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion: 77 Resp: 21601

Ion	Ratio	Lower	Upper
77	100		
105	88.5	81.1	121.1
106	77.3	74.5	114.5



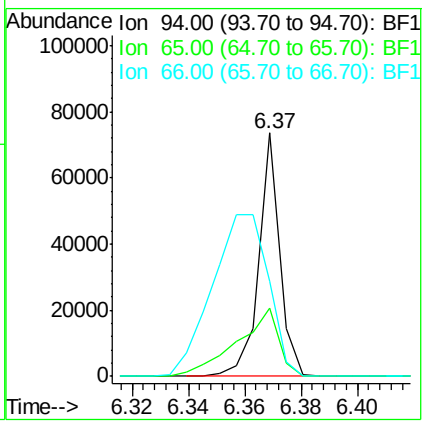


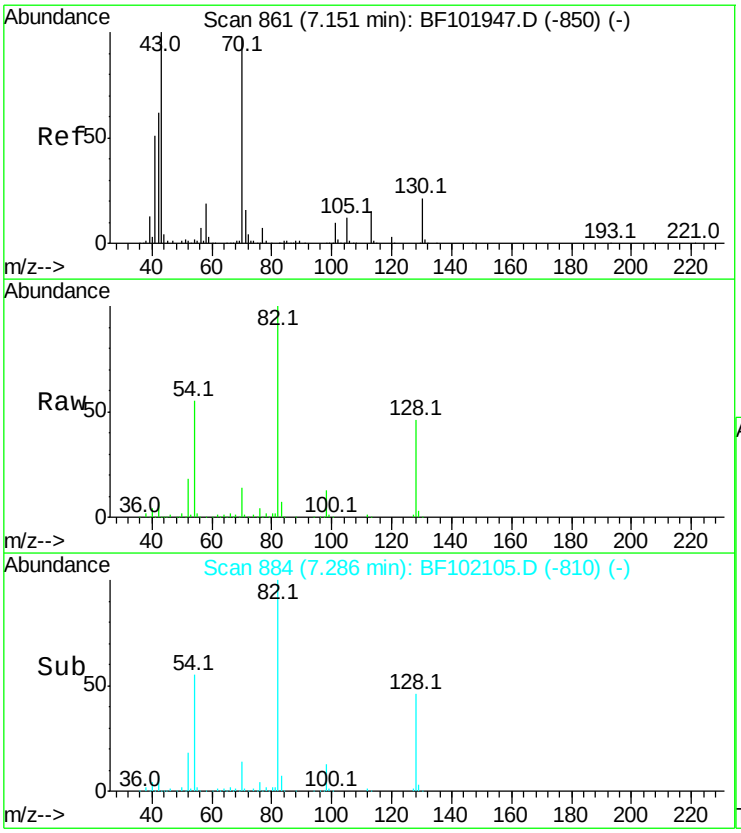
#10
Phenol
Concen: 2.463 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 37877

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	39.1	16.2	56.2

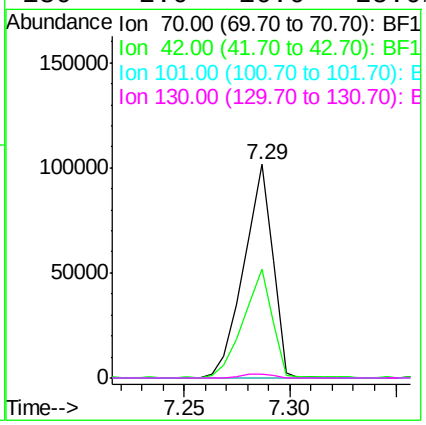


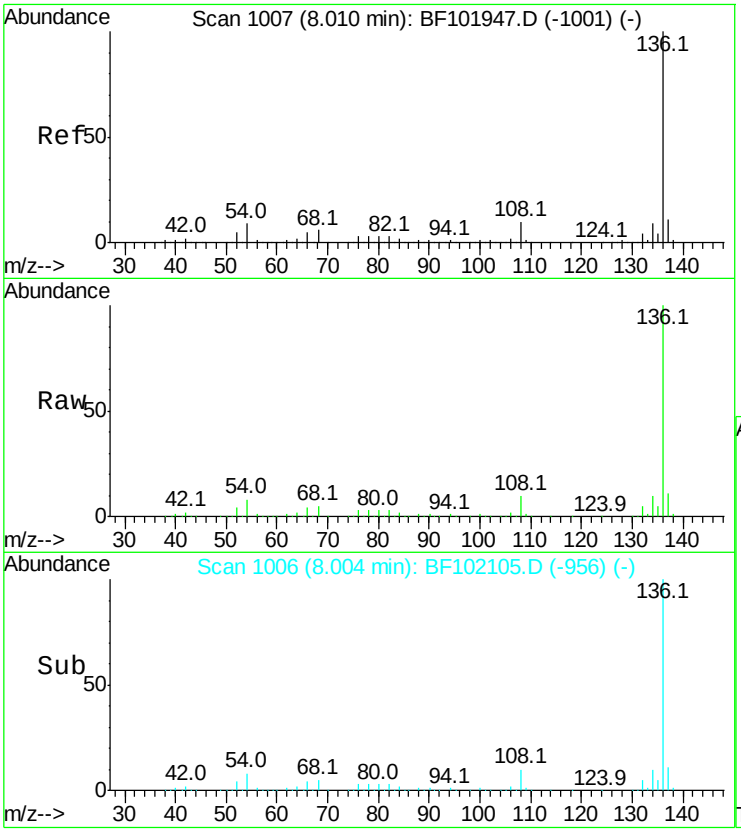


#19
n-Nitroso-di-n-propylamine
Concen: 10.876 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion: 70 Resp: 96993

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



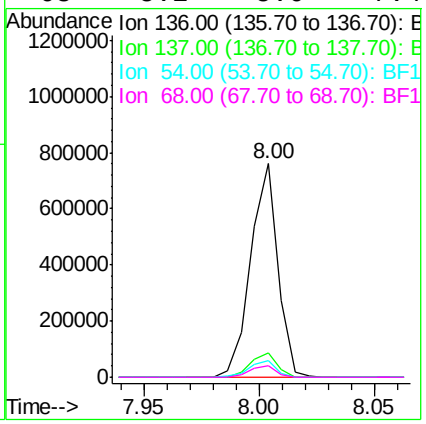


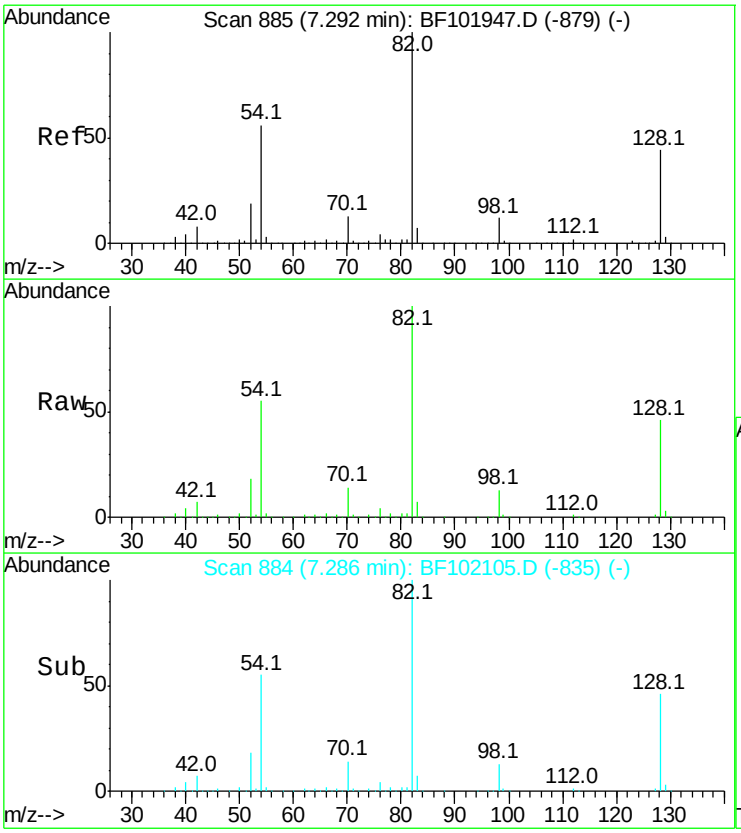
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 627585

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	6.6	9.8
68	5.2	5.0	7.4

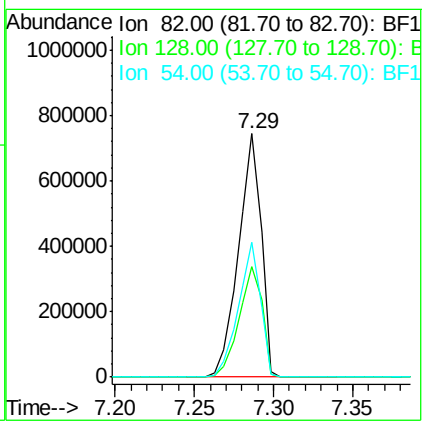


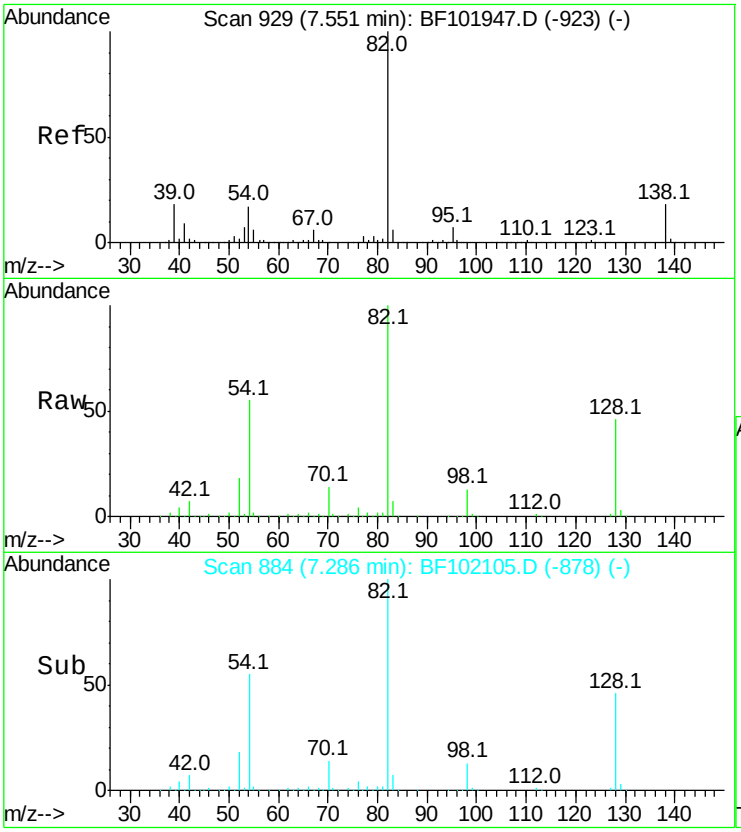


#23
Nitrobenzene-d5
Concen: 68.688 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion: 82 Resp: 733574

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	55.2	41.4	62.2



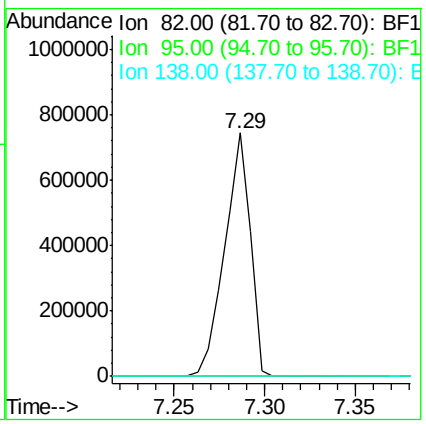


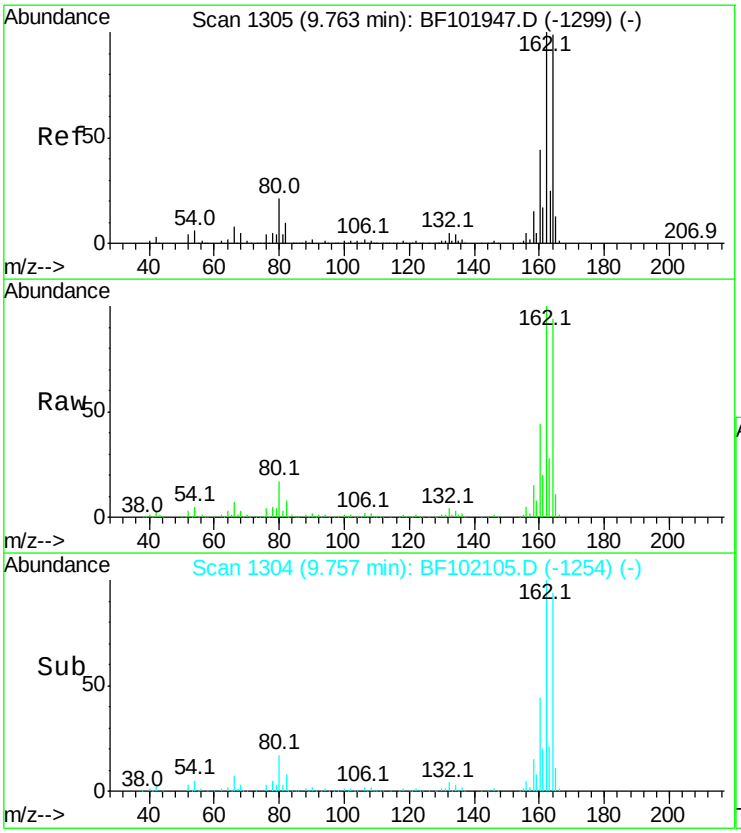
#25
Isophorone
Concen: 34.650 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 731202

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

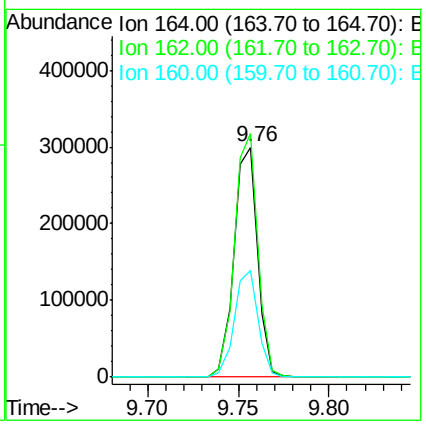


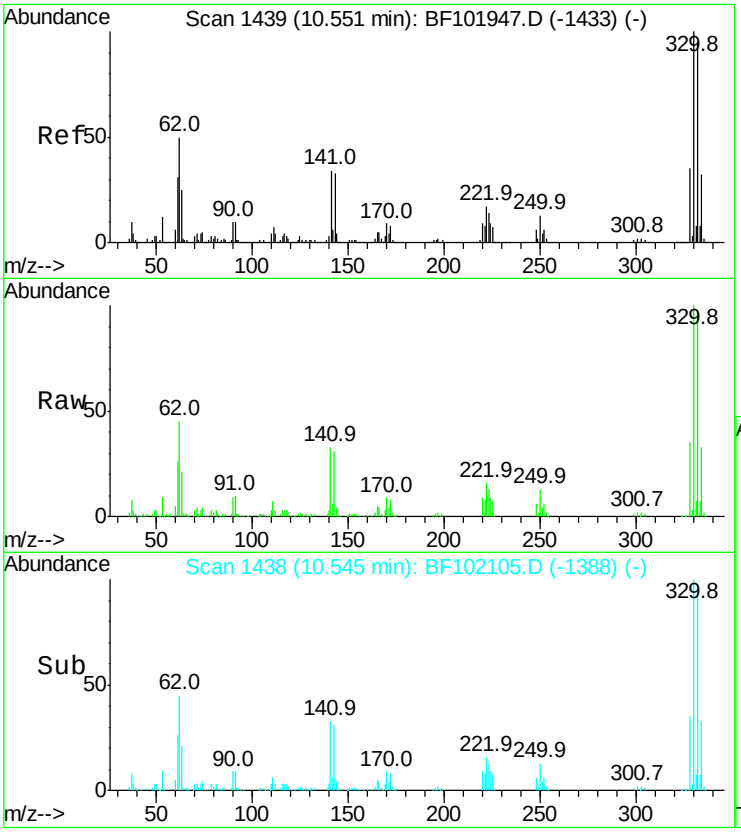


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion:164 Resp: 272009

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.5	38.3	57.5



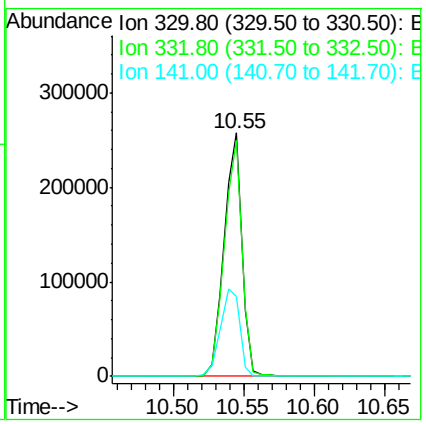


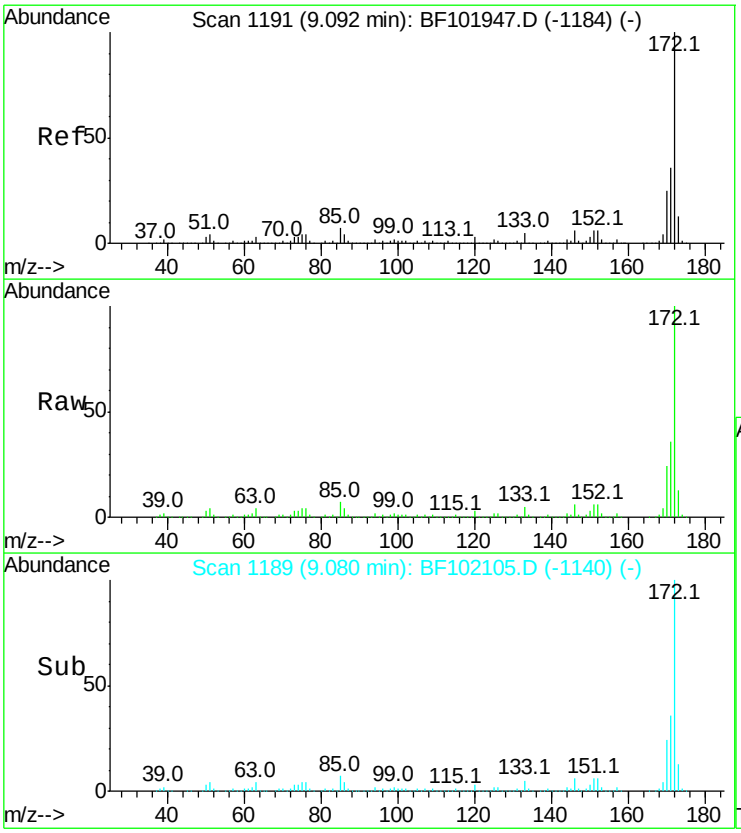
#41
2,4,6-Tribromophenol
Concen: 95.469 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 226623

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	39.1	29.9	44.9

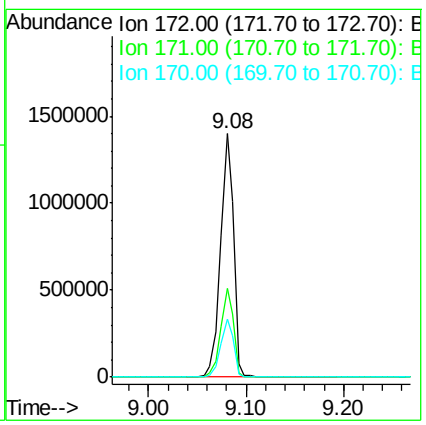


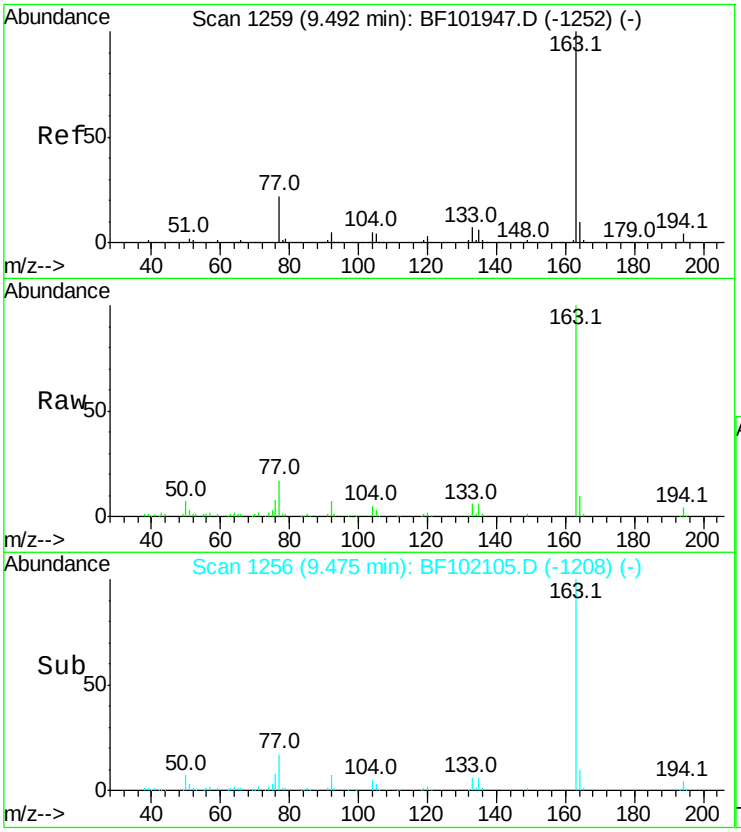


#44
2-Fluorobiphenyl
Concen: 74.367 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion:172 Resp: 1294817

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



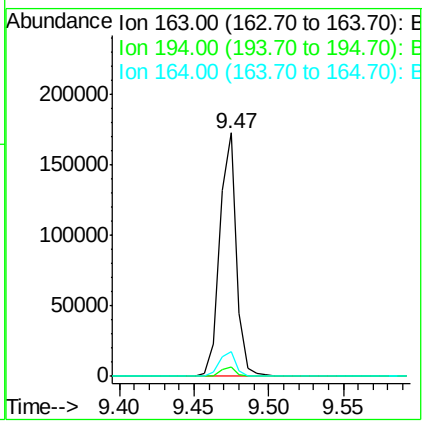


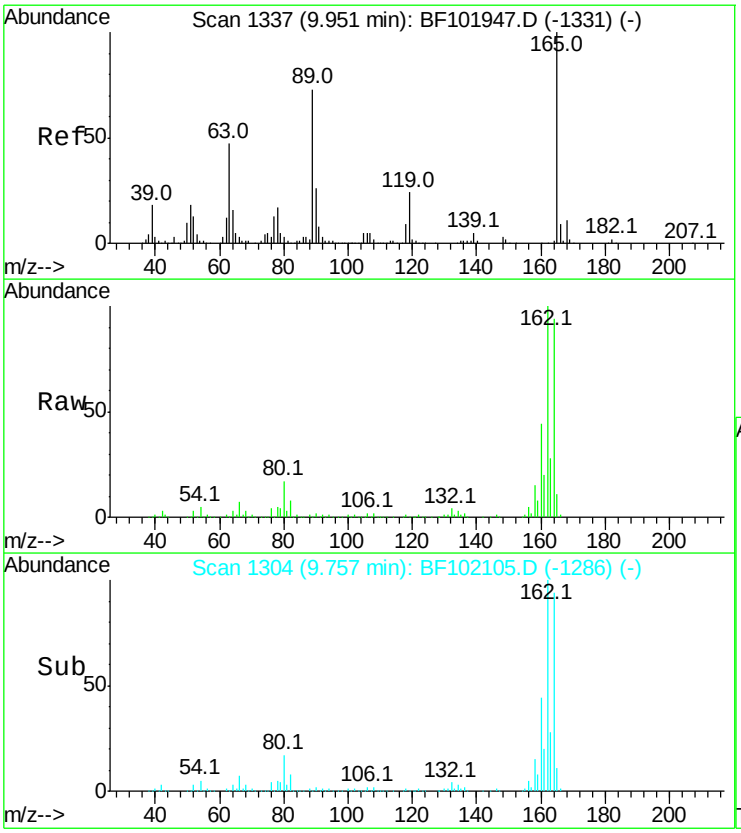
#49
Dimethylphthalate
Concen: 6.251 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 136406

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

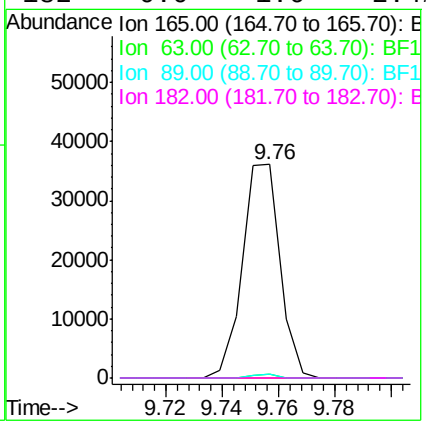


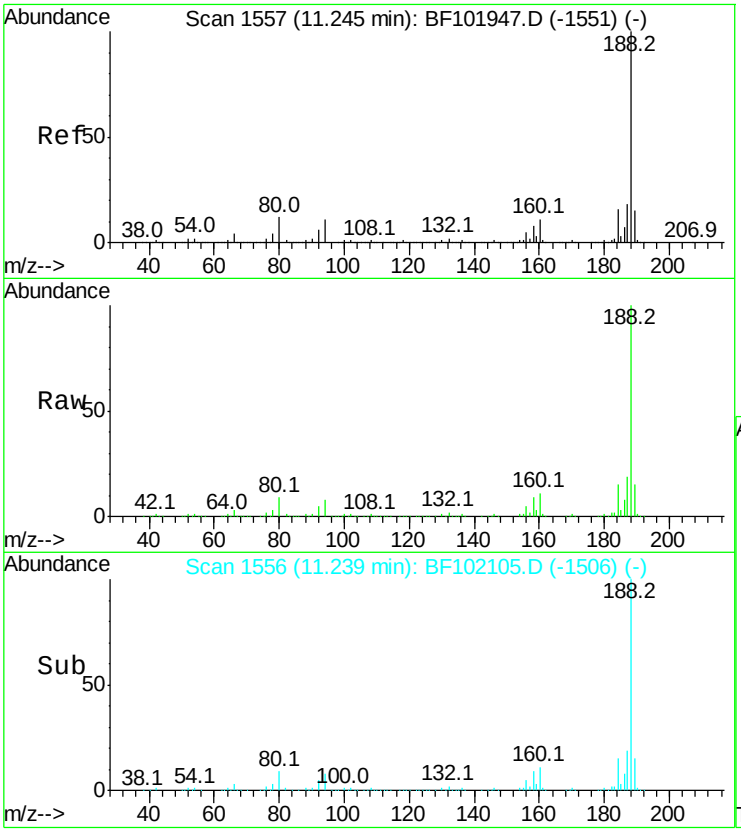


#56
2,4-Dinitrotoluene
Concen: 6.119 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion:165 Resp: 33428

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



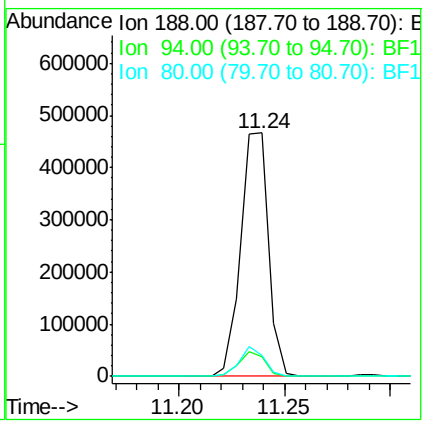


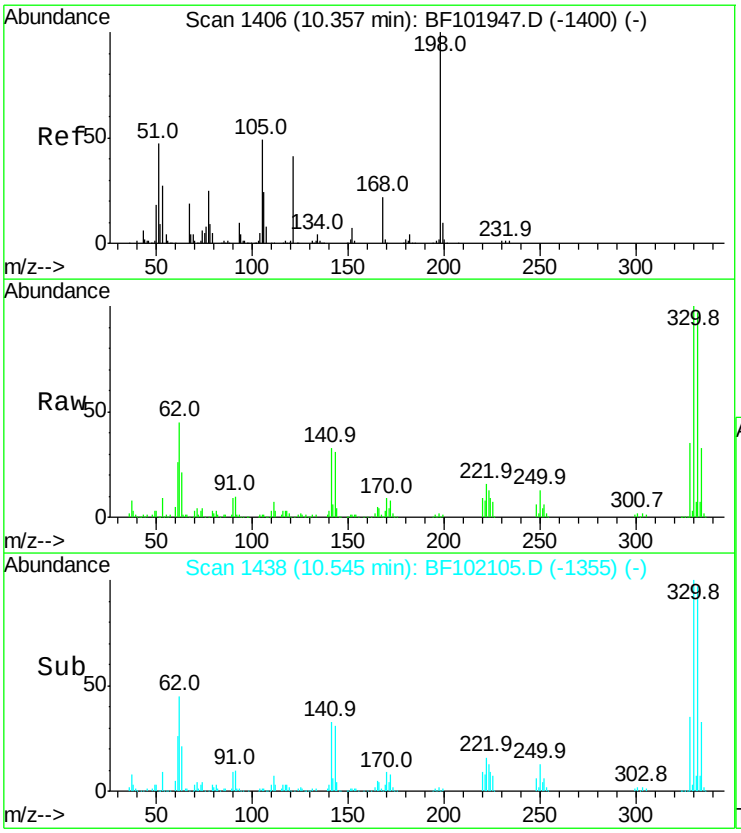
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 426805

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.8	9.2	13.8#

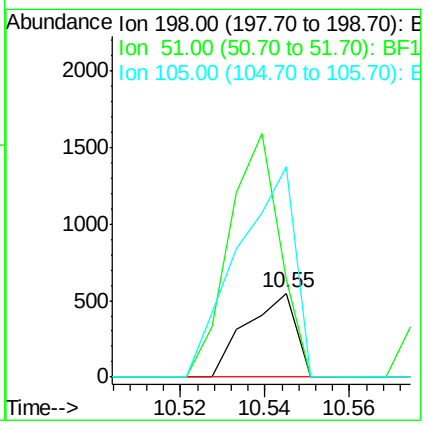


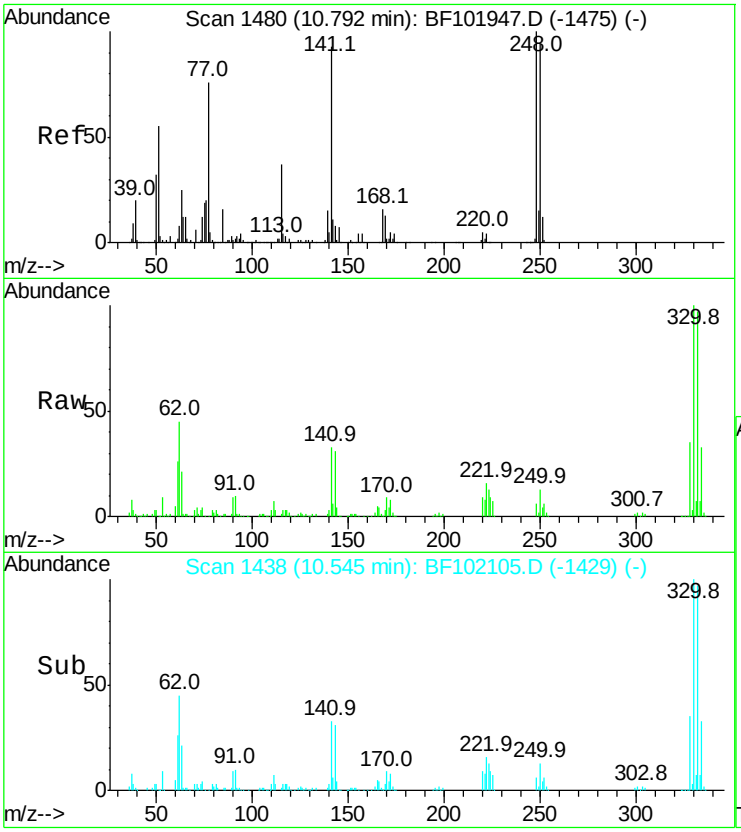


#64
4,6-Dinitro-2-methylphenol
Concen: 5.833 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion:198 Resp: 448

Ion	Ratio	Lower	Upper
198	100		
51	115.9	37.7	77.7#
105	251.5	36.3	76.3#



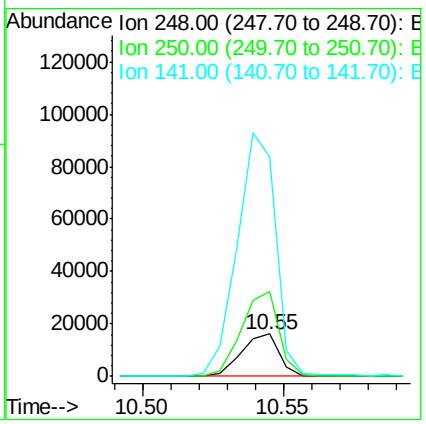


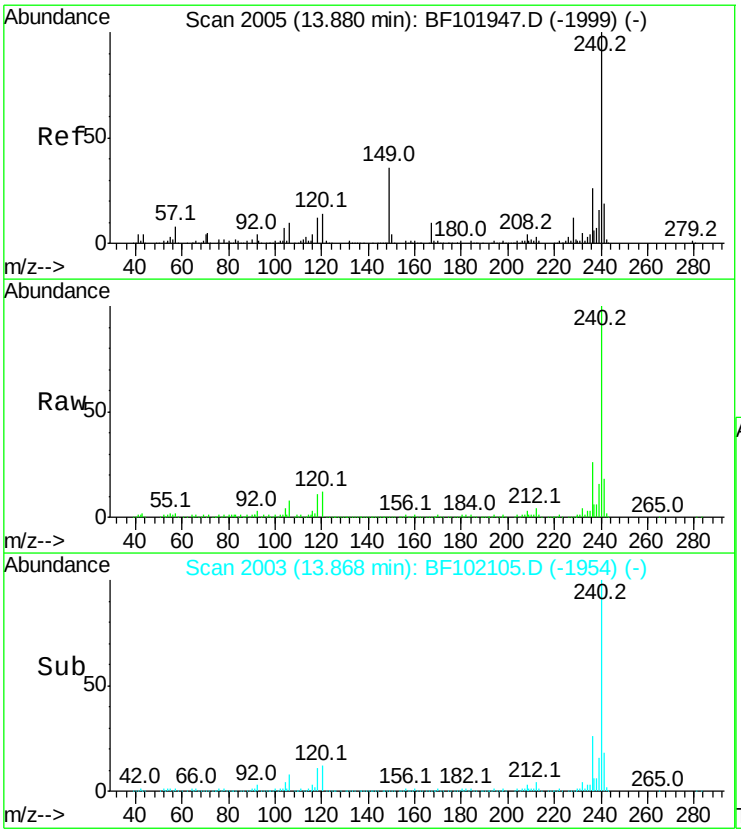
#66
4-Bromophenyl-phenylether
Concen: 3.303 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14886

Ion	Ratio	Lower	Upper
248	100		
250	200.7	76.9	115.3#
141	520.6	74.4	111.6#

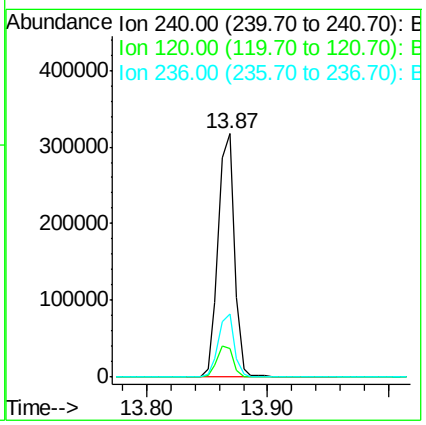


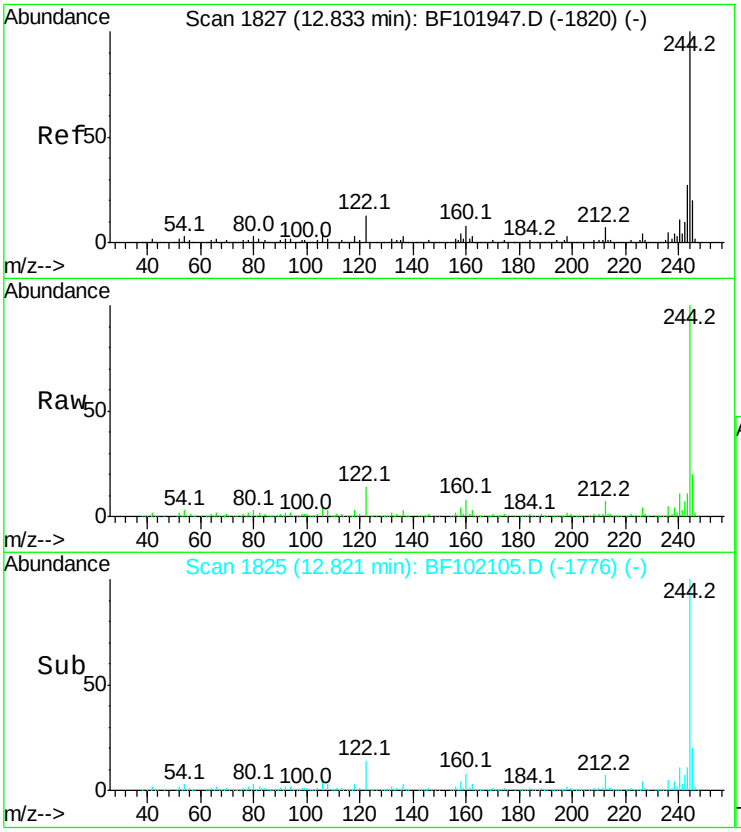


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion:240 Resp: 294798

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.1	20.7	31.1



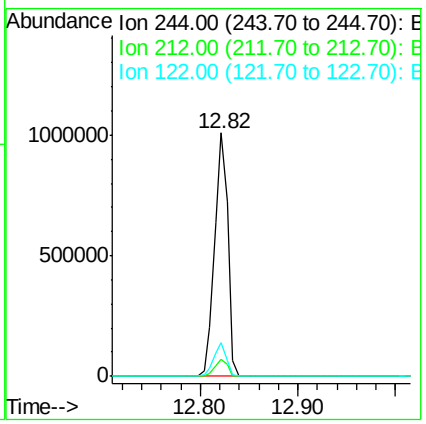


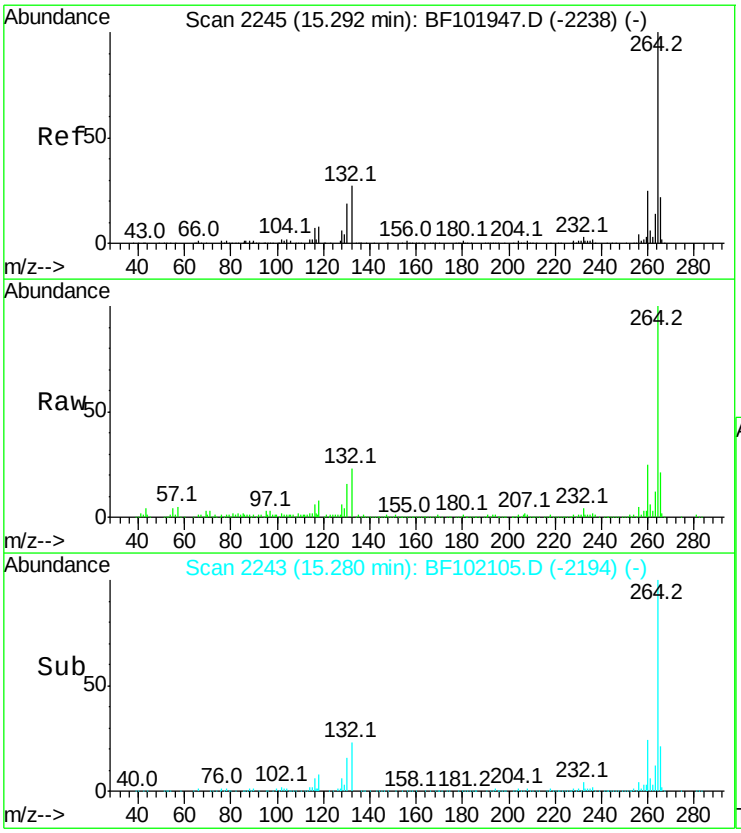
#78
Terphenyl-d14
Concen: 66.694 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 946960

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102105.D
Acq: 16 Jan 2018 13:21

Tgt Ion:264 Resp: 249311

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	17.5	26.3