Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102527.D
Acq On : 27 Jan 2018 22:57
Operator : SJ/JU
Sample : J1290-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59-9.5-10.0

Quant Time: Jan 28 01:05:16 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159806	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	622891	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	245738	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	347930	20.00	ng		0.00
75) Chrysene-d12	13.88	240	285713	20.00	ng		0.00
86) Perylene-d12	15.31	264	222089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1017222	96.52	ng		0.01
7) Phenol-d6	6.36	99	1233549	97.08	ng		0.00
23) Nitrobenzene-d5	7.29	82	738231	68.11	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	178051	73.12	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1233637	73.81	ng		0.00
78) Terphenyl-d14	12.82	244	796695	62.86	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	48853	3.522	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	95213	12.245	ng	#	77
25) Isophorone	7.29	82	734167	37.994	ng	#	64
49) Dimethylphthalate	9.47	163	127482	6.276	ng		99
50) 2,6-Dinitrotoluene	9.75	165	31957	7.297	ng	#	25
56) 2,4-Dinitrotoluene	9.75	165	31957	5.934	ng	#	23
66) 4-Bromophenyl-phenylether	10.55	248	12067	3.222	ng	#	1

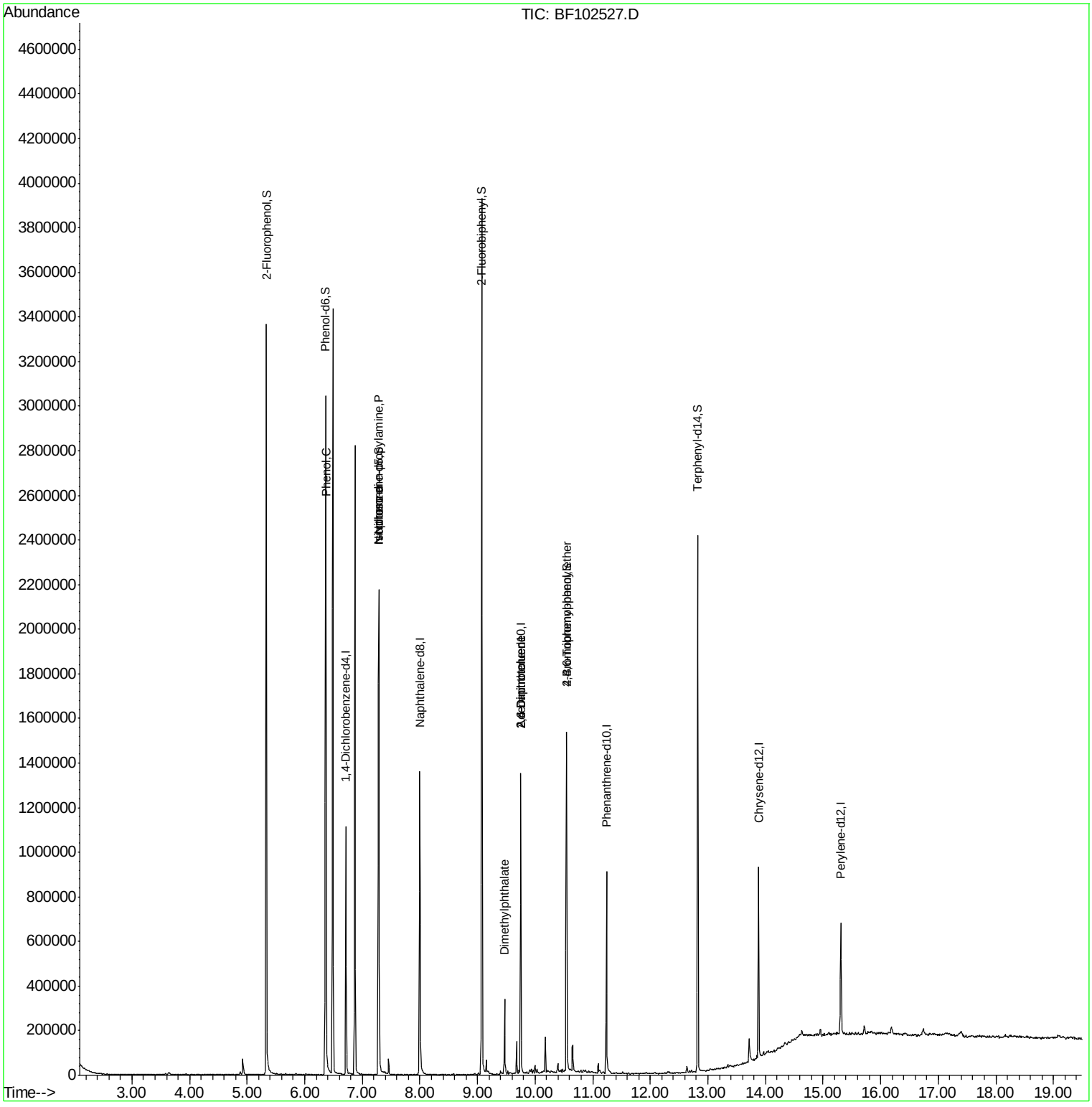
(#) = qualifier out of range (m) = manual integration (+) = signals summed

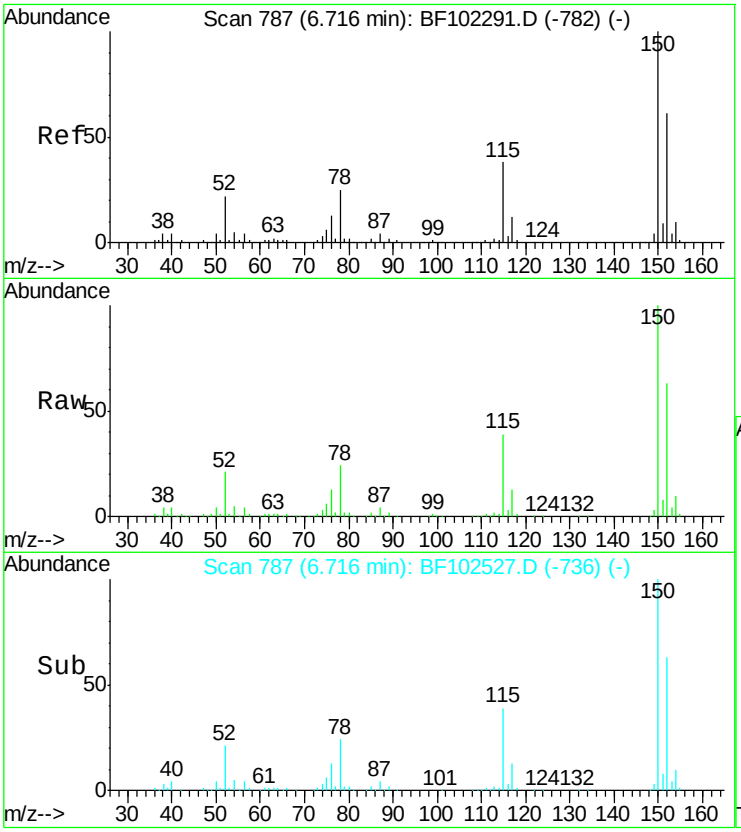
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102527.D
Acq On : 27 Jan 2018 22:57
Operator : SJ/JU
Sample : J1290-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Quant Time: Jan 28 01:05:16 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration



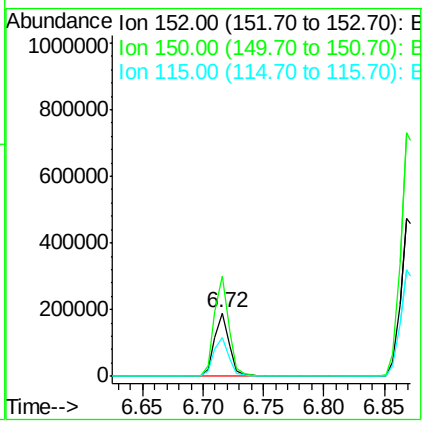


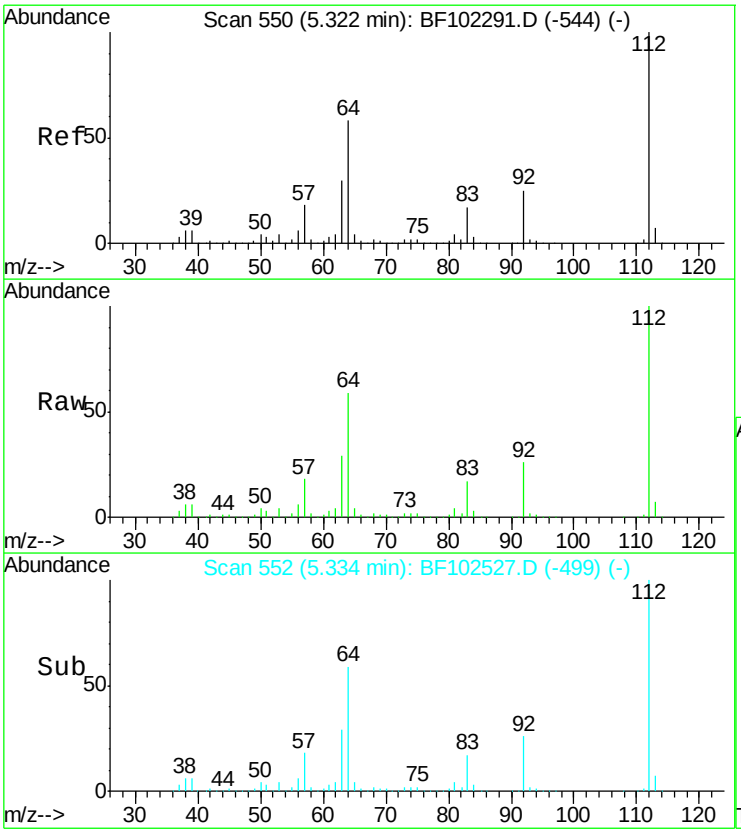
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion:152 Resp: 159806

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.4	50.1	75.1

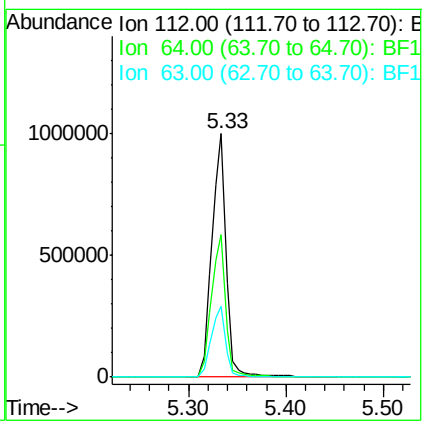


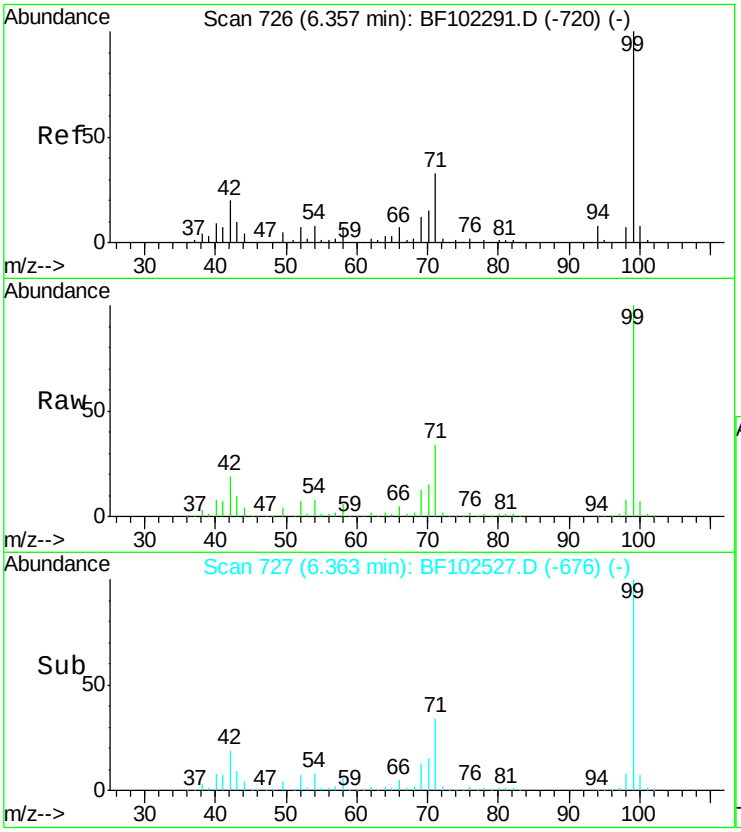


#5
2-Fluorophenol
Concen: 96.515 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:112 Resp: 1017222

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	29.0	23.7	35.5



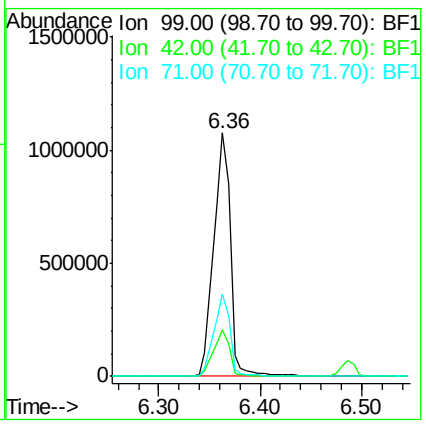


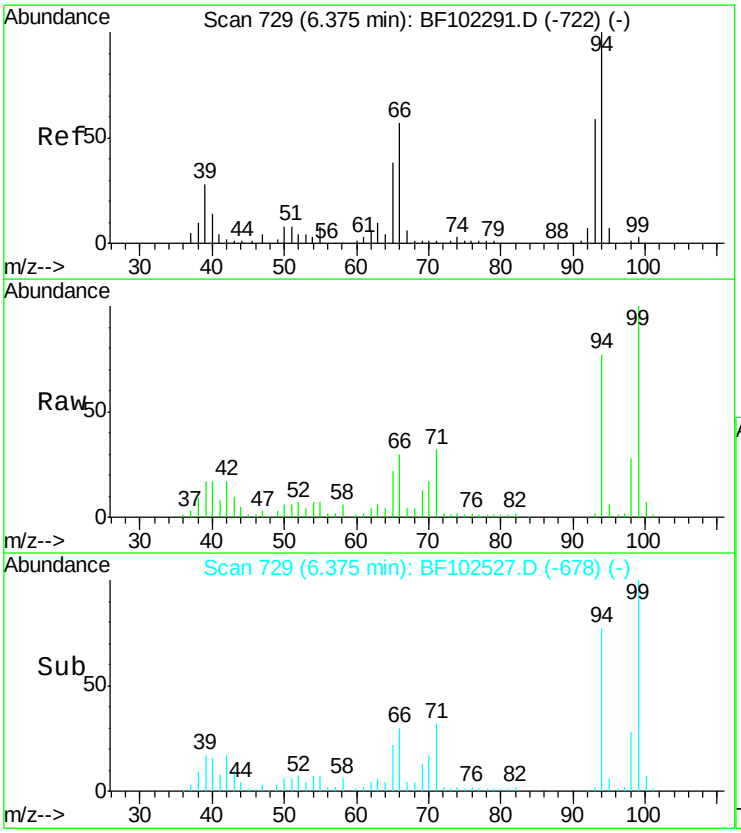
#7
Phenol-d6
Concen: 97.082 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion: 99 Resp: 1233549

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.9	25.4	38.0

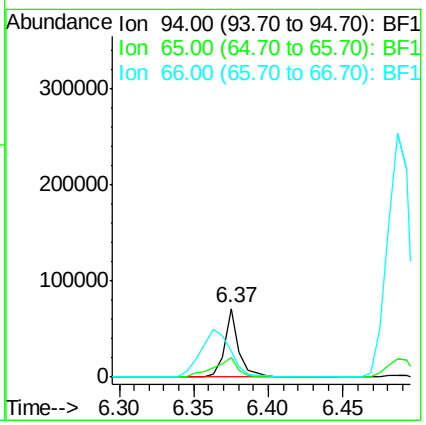


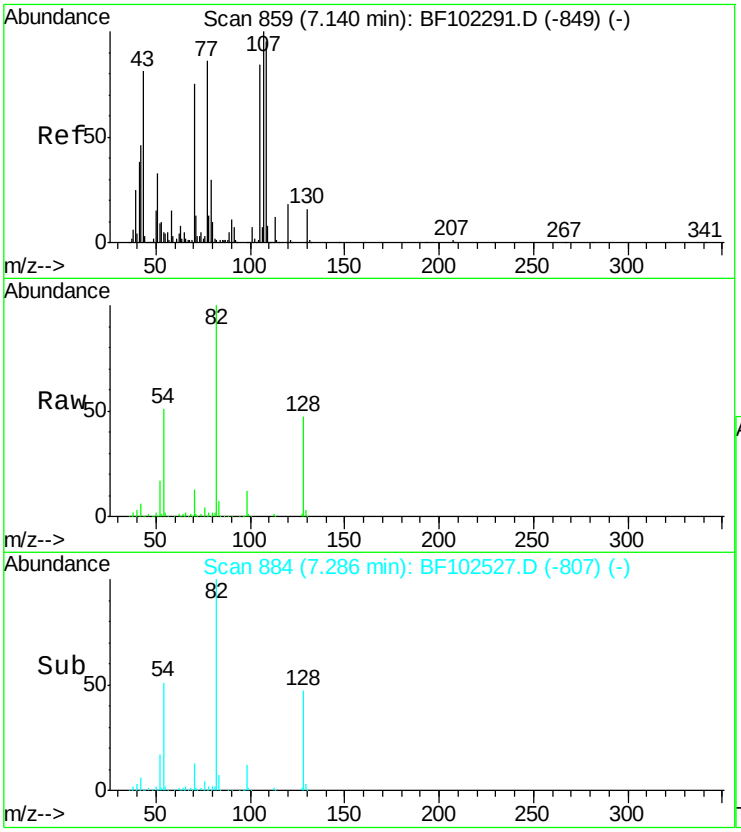


#10
Phenol
Concen: 3.522 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion: 94 Resp: 48853

Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	38.5	16.2	56.2



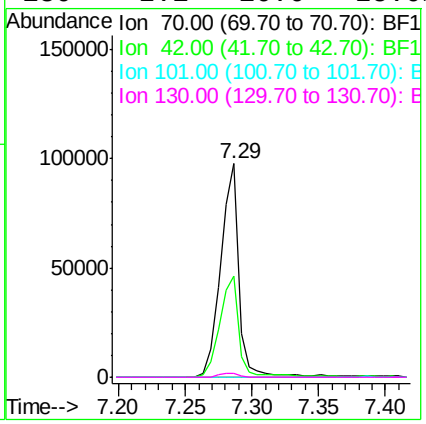


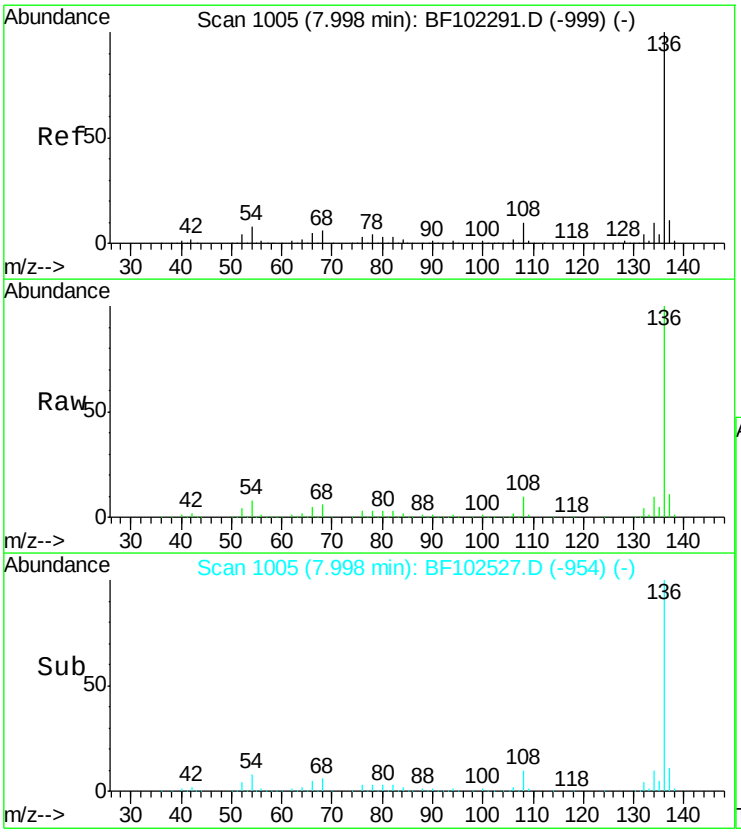
#19
n-Nitroso-di-n-propylamine
Concen: 12.245 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion: 70 Resp: 95213

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

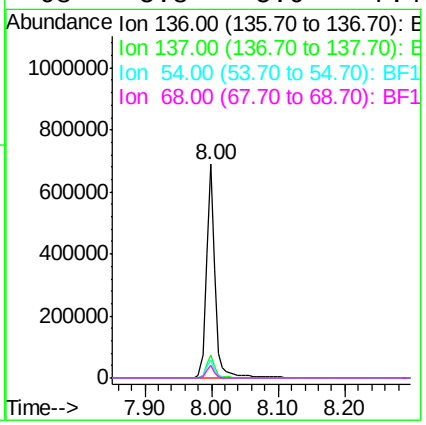


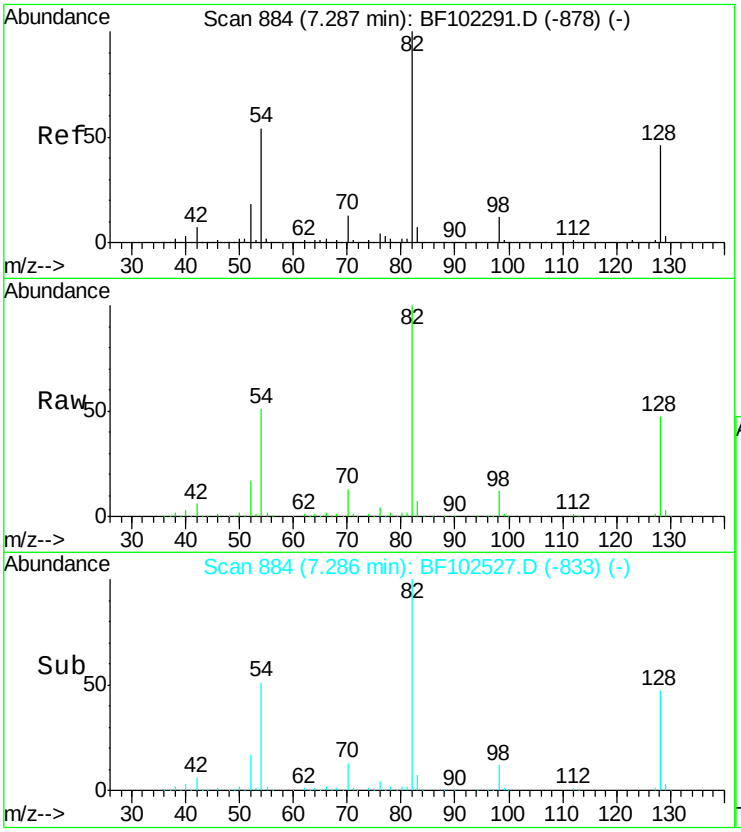


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:136 Resp: 622891

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	6.6	9.8
68	5.8	5.0	7.4



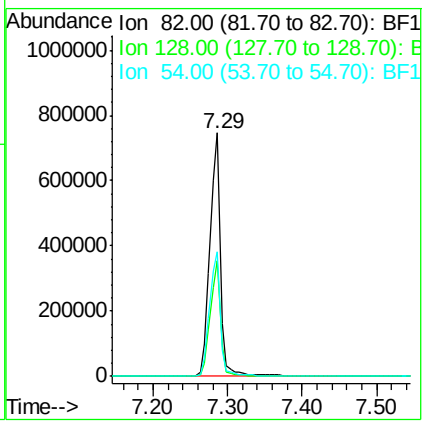


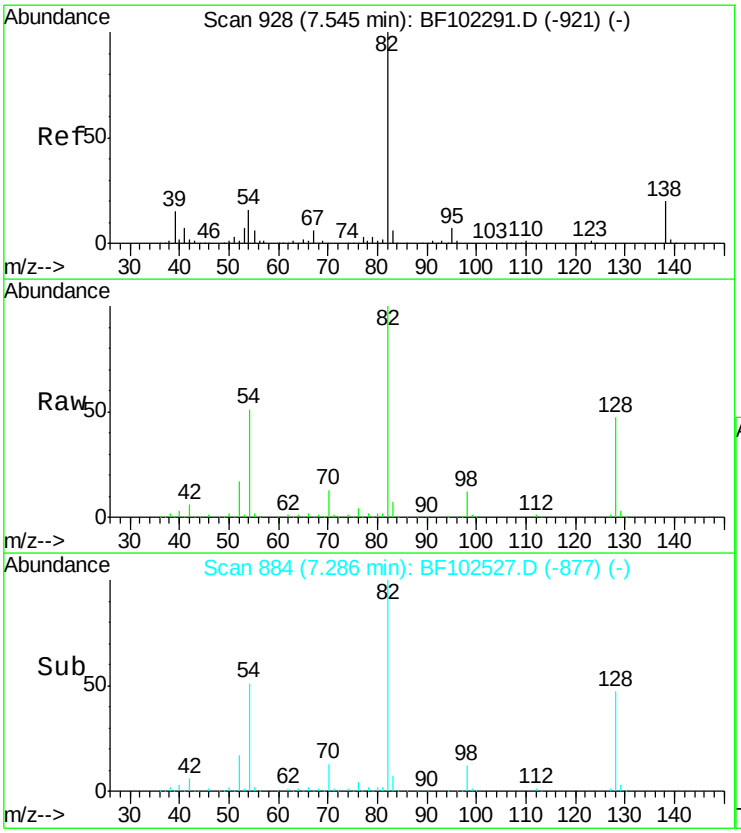
#23
Nitrobenzene-d5
Concen: 68.108 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion: 82 Resp: 738231

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	51.4	41.4	62.2

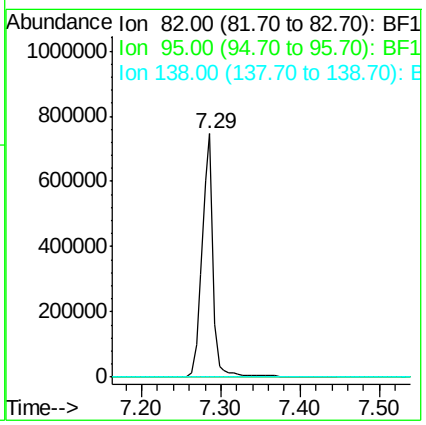


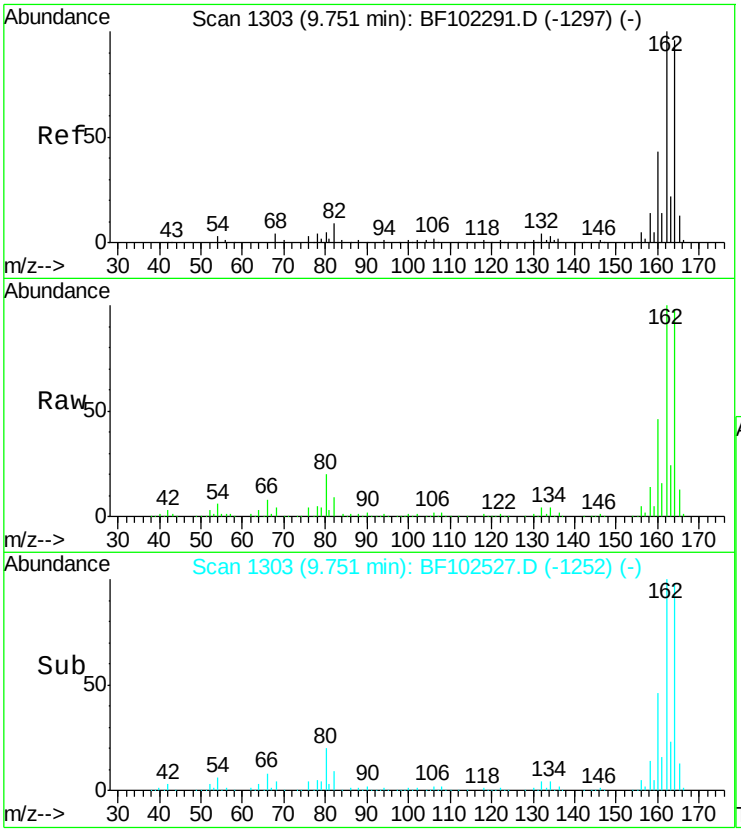


#25
Isophorone
Concen: 37.994 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion: 82 Resp: 734167

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



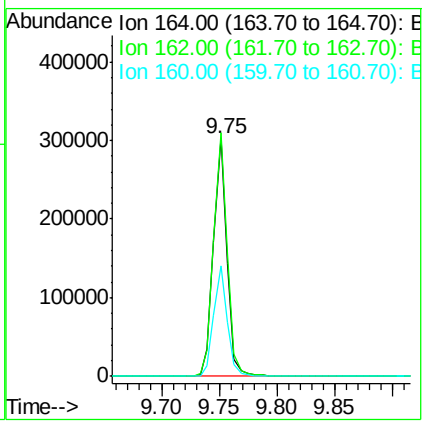


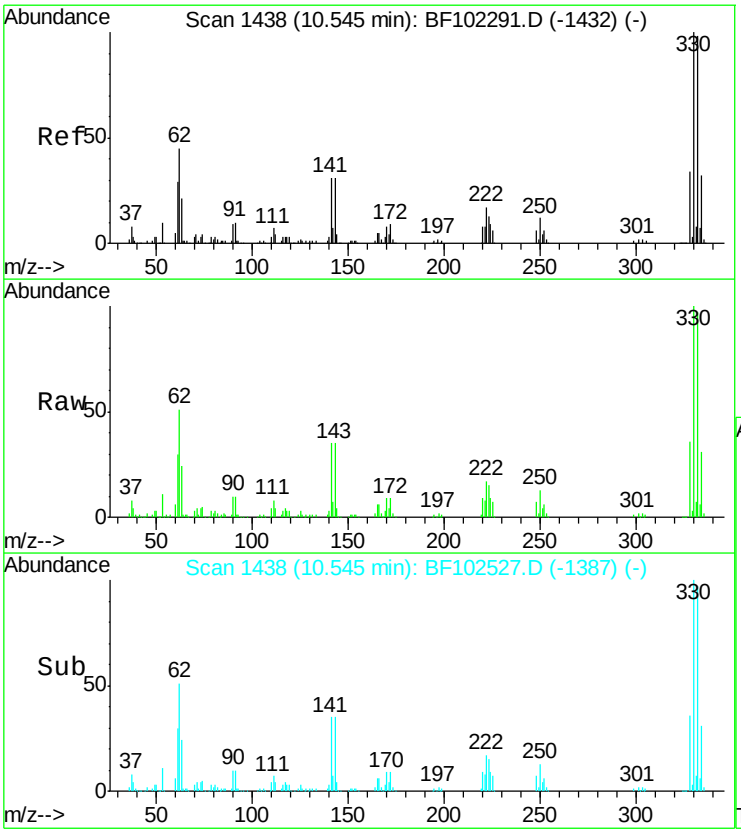
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion:164 Resp: 245738

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.6	38.3	57.5

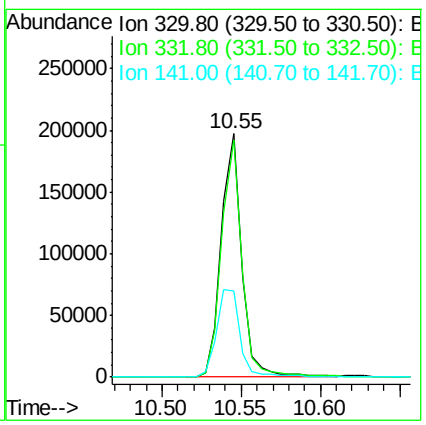


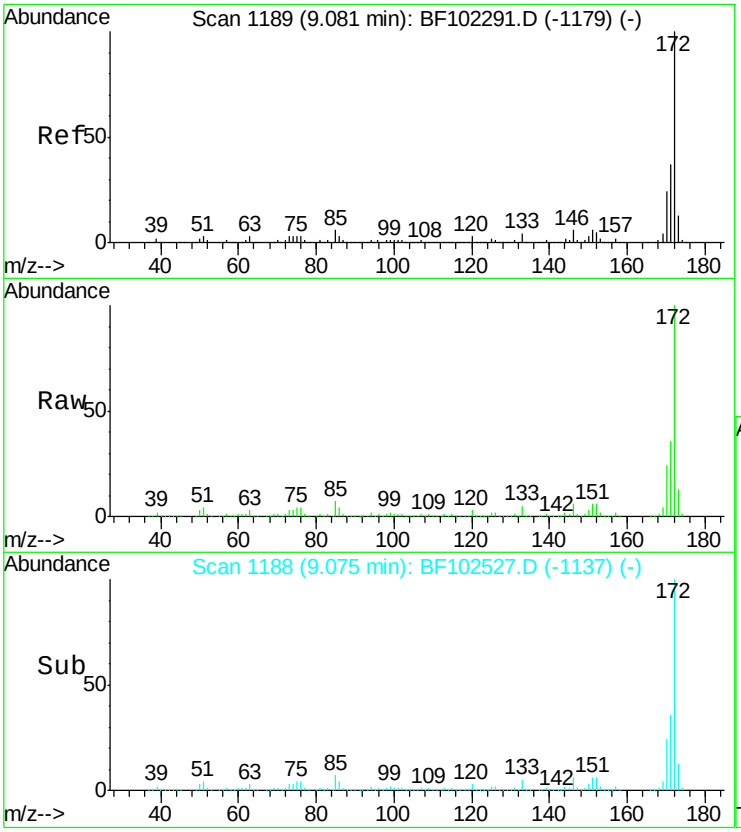


#41
2,4,6-Tribromophenol
Concen: 73.124 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:330 Resp: 178051

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	41.3	29.9	44.9



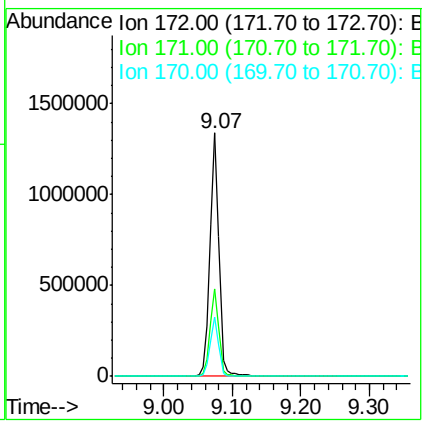


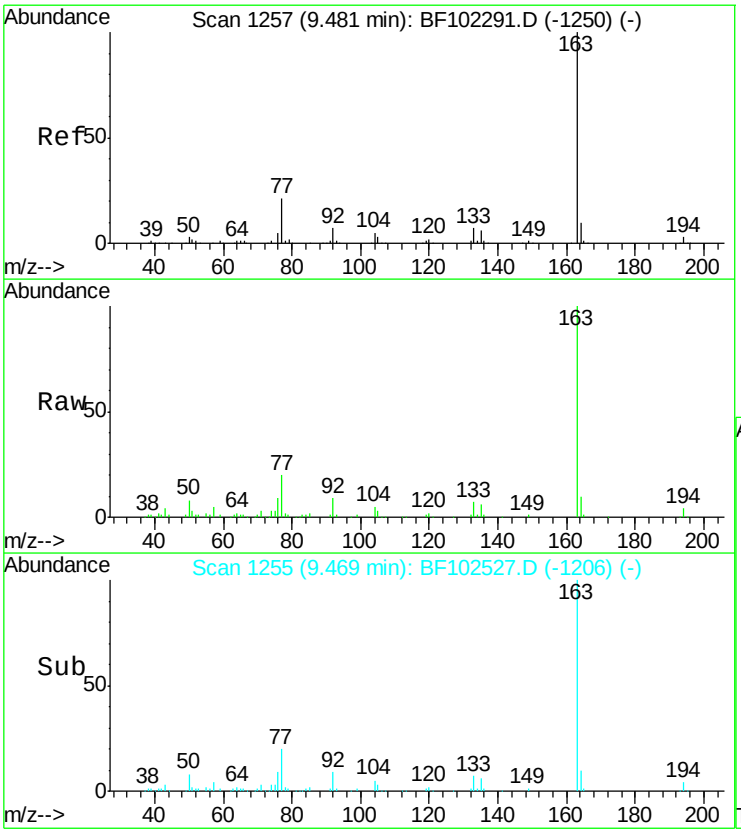
#44
2-Fluorobiphenyl
Concen: 73.814 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion:172 Resp: 1233637

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

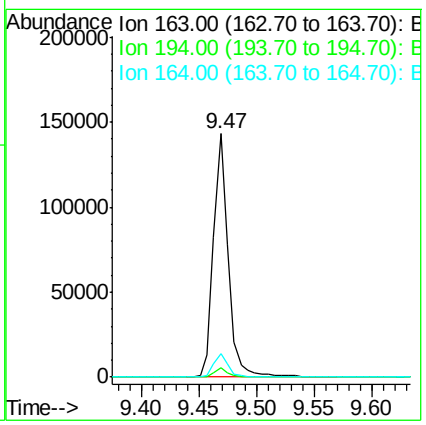


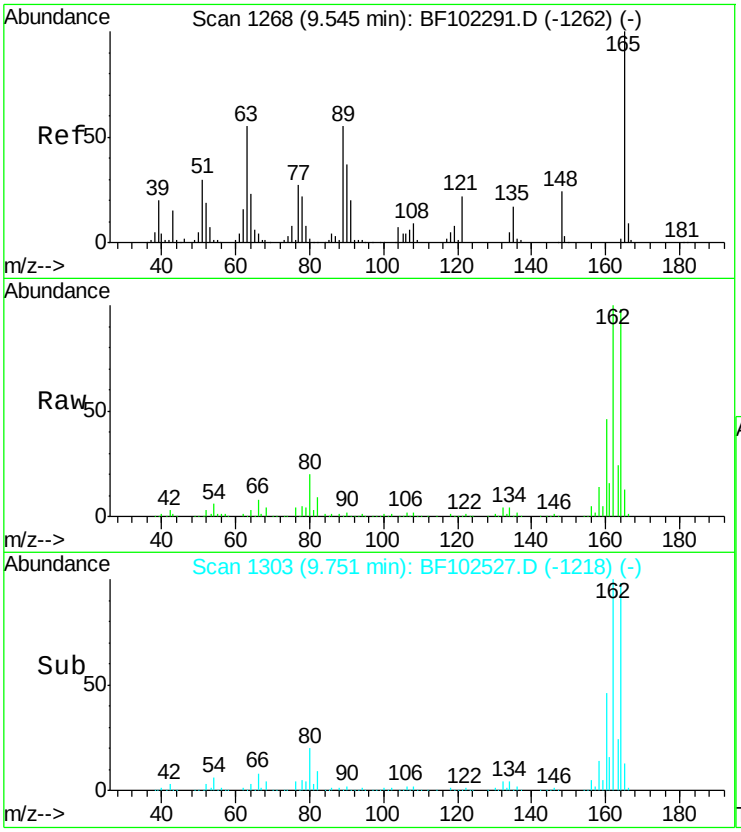


#49
Dimethylphthalate
Concen: 6.276 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:163 Resp: 127482

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2



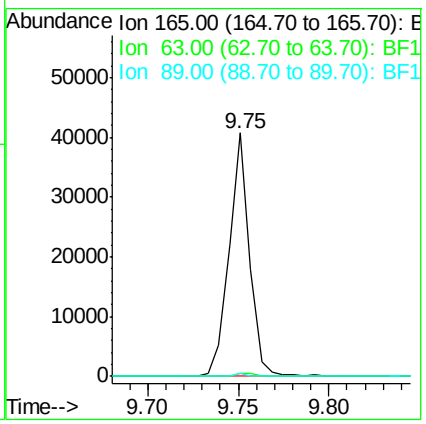


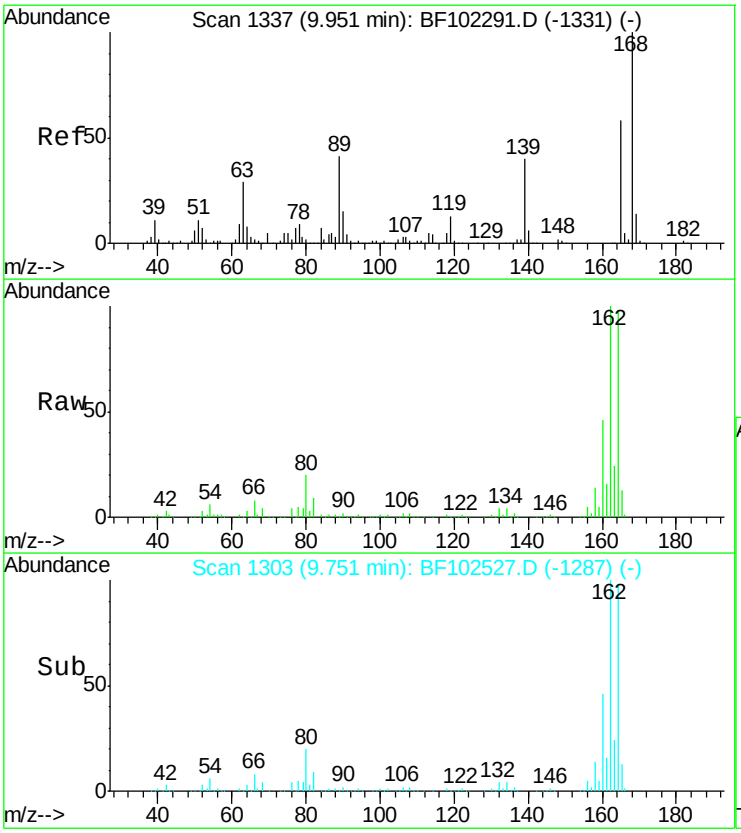
#50
2,6-Dinitrotoluene
Concen: 7.297 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion:165 Resp: 31957

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#

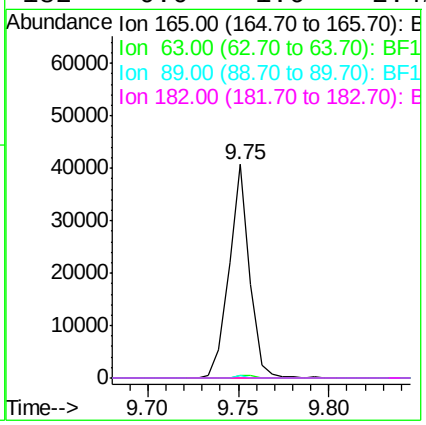


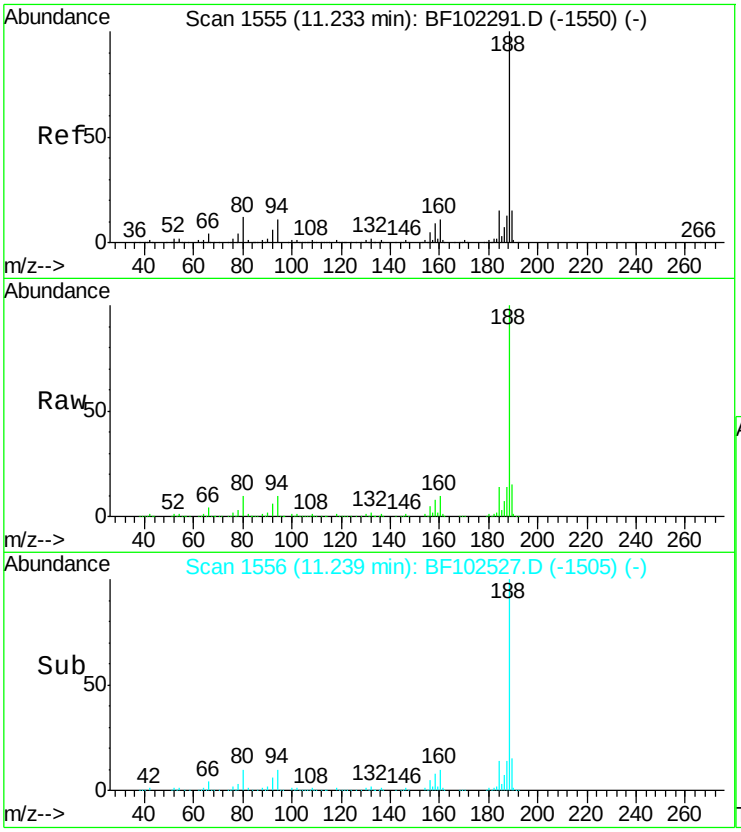


#56
2,4-Dinitrotoluene
Concen: 5.934 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:165 Resp: 31957

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



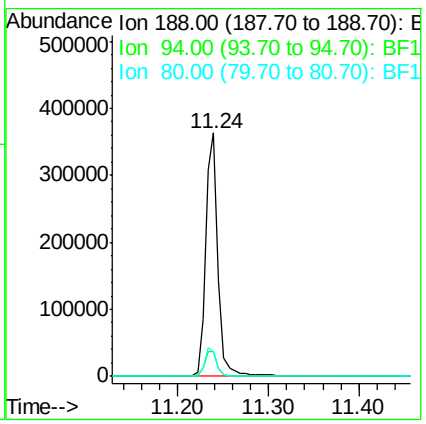


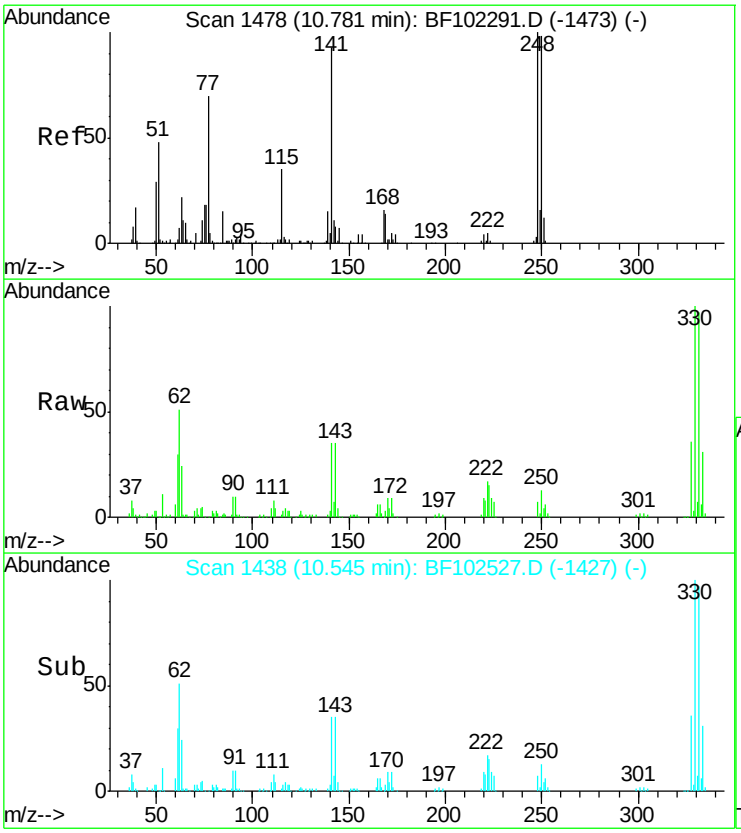
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion:188 Resp: 347930

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.4	9.2	13.8

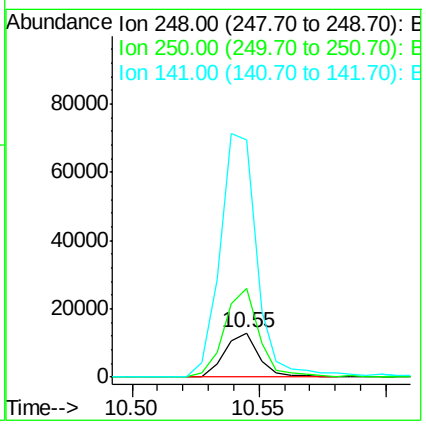


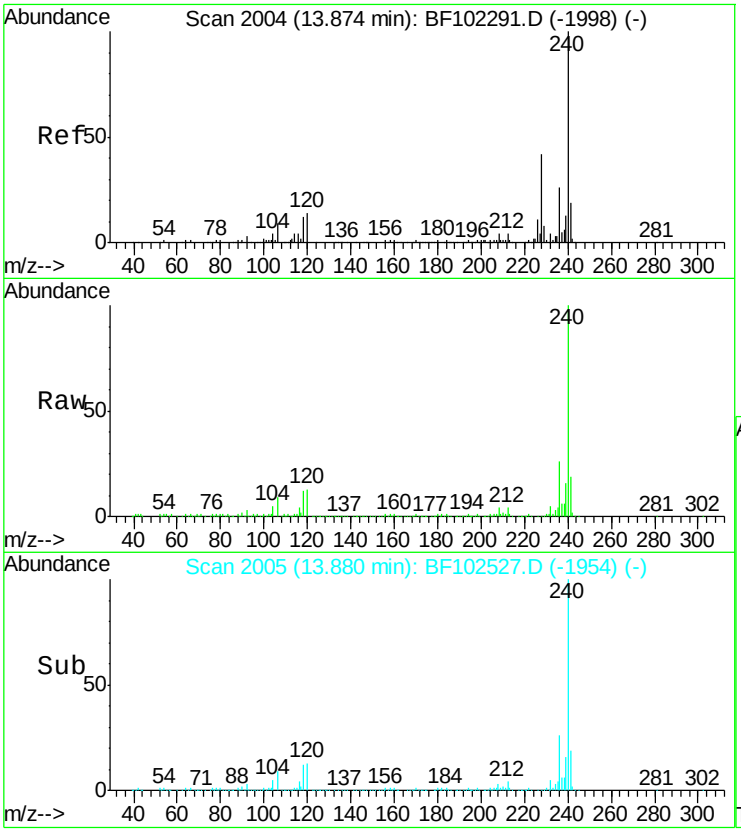


#66
4-Bromophenyl-phenylether
Concen: 3.222 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:248 Resp: 12067

Ion	Ratio	Lower	Upper
248	100		
250	200.2	76.9	115.3#
141	538.7	74.4	111.6#



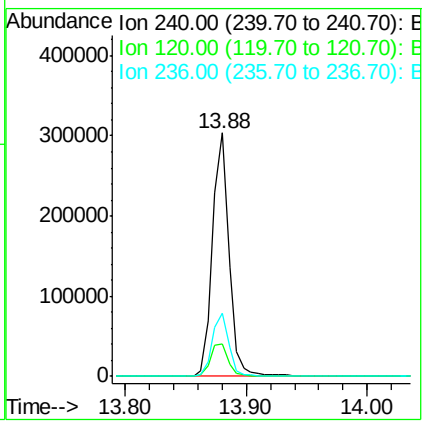


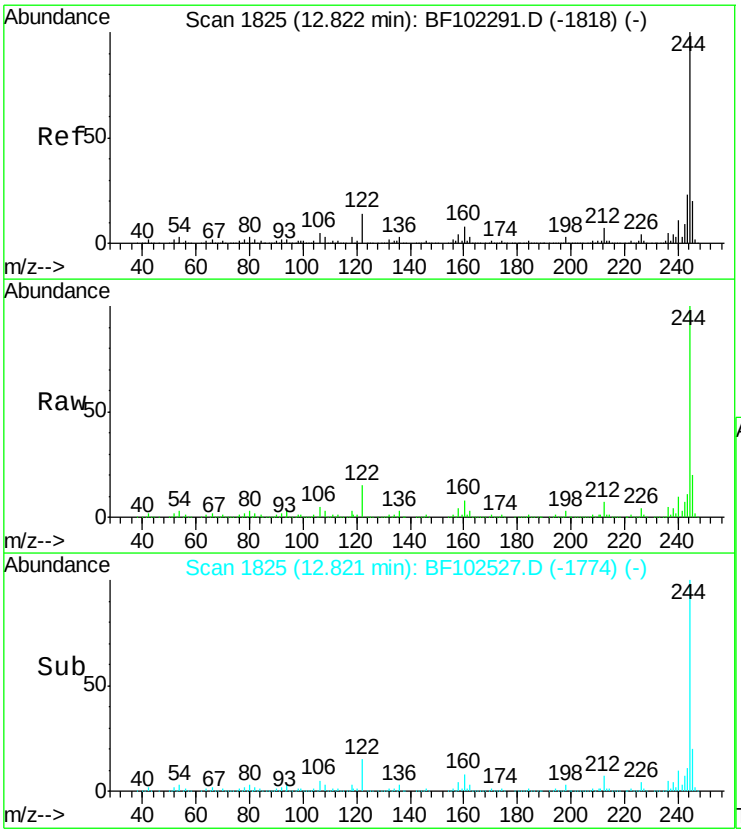
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion:240 Resp: 285713

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	26.0	20.7	31.1

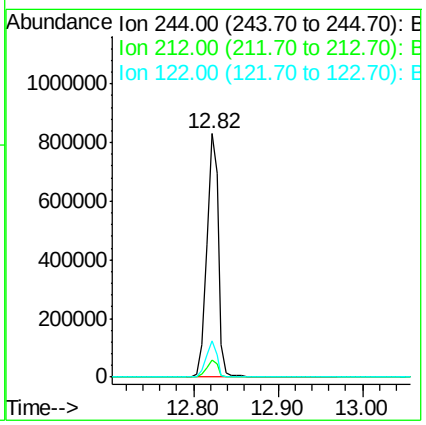


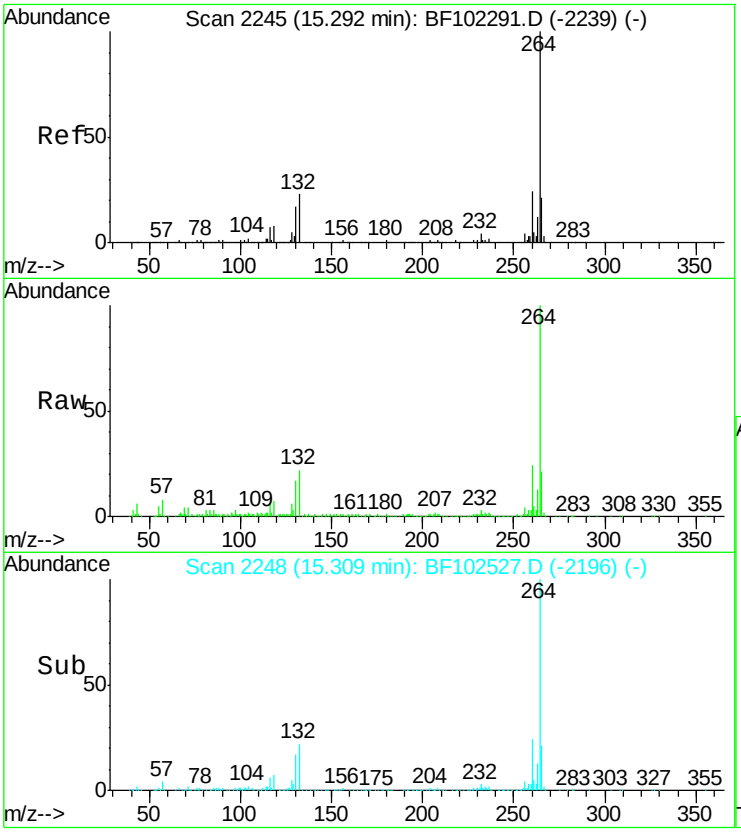


#78
Terphenyl-d14
Concen: 62.862 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Tgt Ion:244 Resp: 796695

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102527.D
Acq: 27 Jan 2018 22:57

Instrument :
BNA_F
ClientSampleId :
SB-59-9.5-10.0

Tgt Ion:264 Resp: 222089

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3