Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103967.D
Acq On : 27 Mar 2018 10:45
Operator : JU/SJ
Sample : PB107629TB
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 27 11:54:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141619	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	579452	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	263803	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	428243	20.00	ng		0.00
75) Chrysene-d12	14.16	240	281689	20.00	ng		0.00
86) Perylene-d12	15.70	264	238235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	858497	92.20	ng		0.01
7) Phenol-d6	6.60	99	1030977	90.51	ng		0.00
23) Nitrobenzene-d5	7.53	82	630447	75.87	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	246166	108.53	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1167034	70.57	ng		0.00
78) Terphenyl-d14	13.09	244	953266	78.55	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	17794	2.378	ng		85
19) n-Nitroso-di-n-propylamine	7.53	70	81130	11.113	ng	#	72
25) Isophorone	7.53	82	630437	32.775	ng	#	64
47) 2-Nitroaniline	9.33	65	1616	7.118	ng	#	1
50) 2,6-Dinitrotoluene	10.02	165	32256	11.581	ng	#	25
56) 2,4-Dinitrotoluene	10.02	165	32257	11.907	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	312	8.334	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	14503	3.298	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
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Acq On : 27 Mar 2018 10:45
Operator : JU/SJ
Sample : PB107629TB
Misc :
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BNA_F
ClientSampleId :

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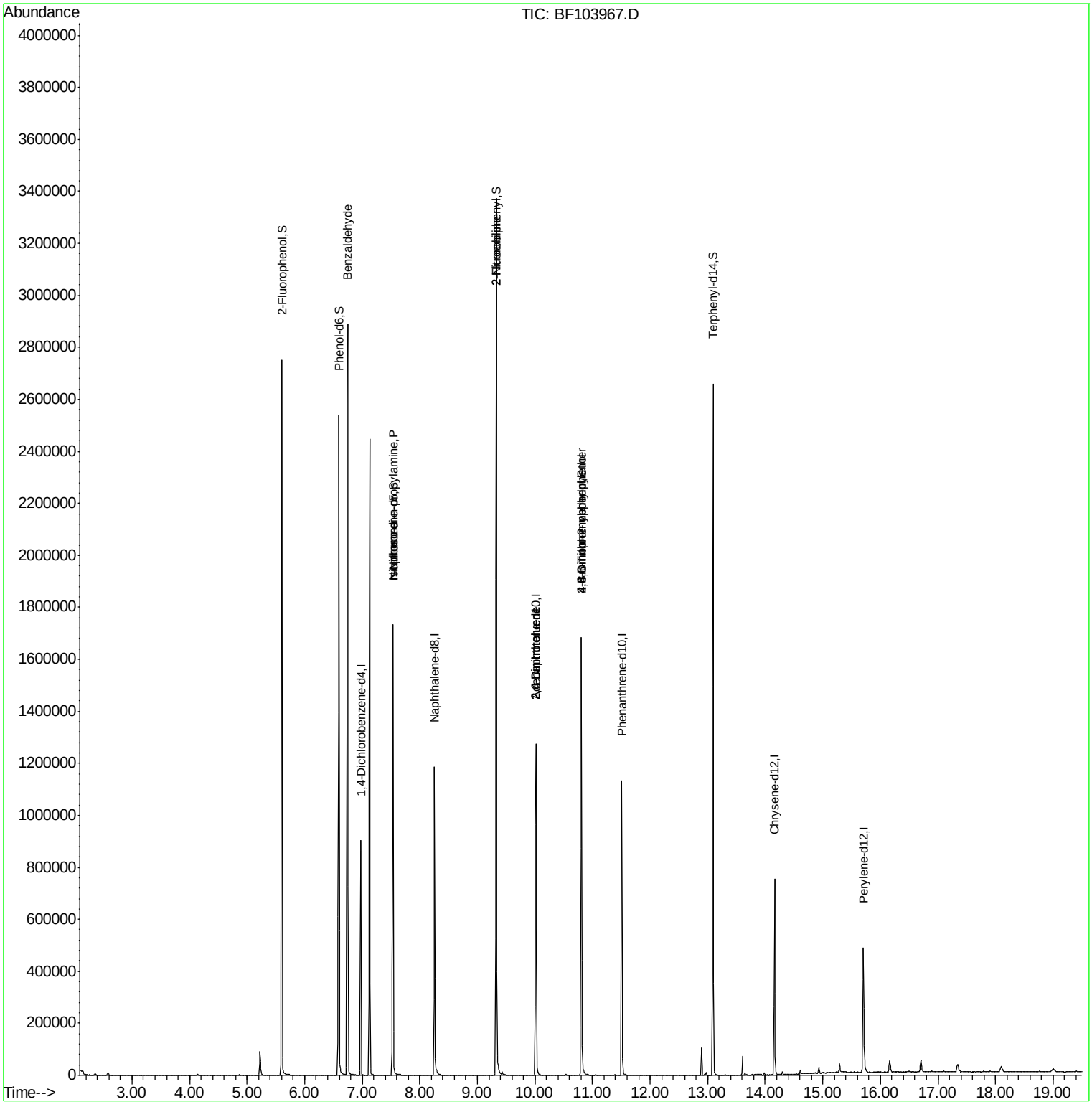
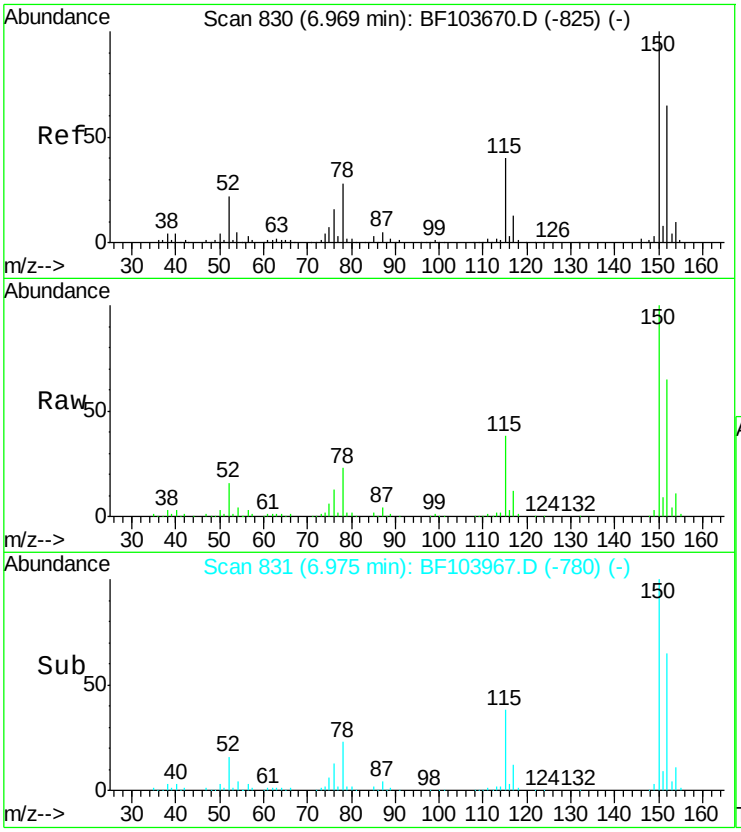
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration



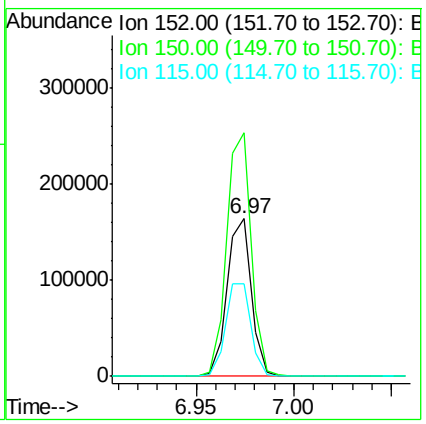


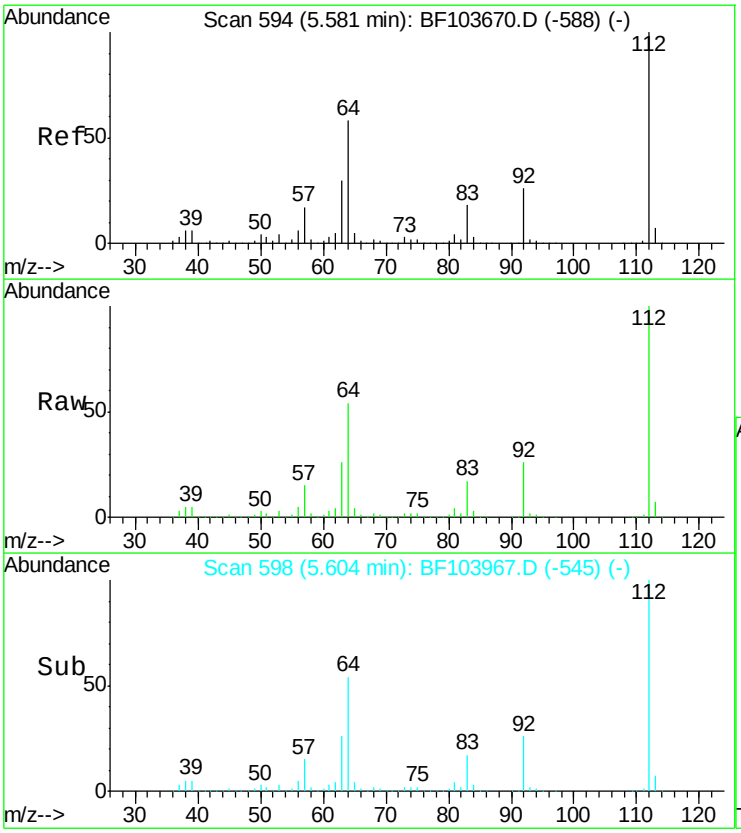
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141619

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	58.5	50.1	75.1

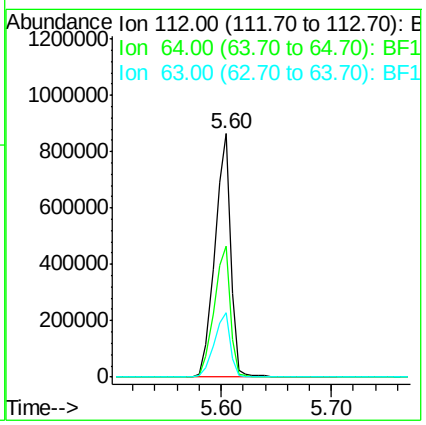


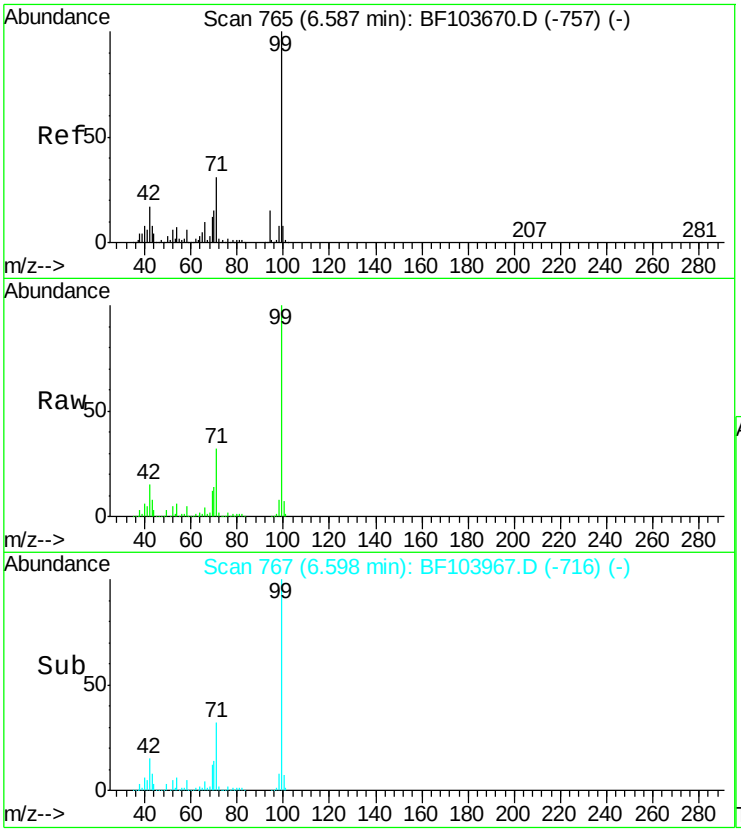


#5
2-Fluorophenol
Concen: 92.203 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion:112 Resp: 858497

Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	26.4	23.7	35.5



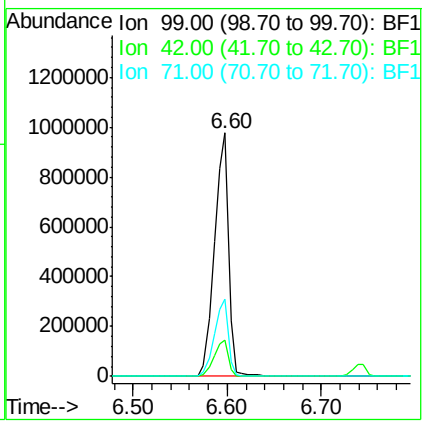


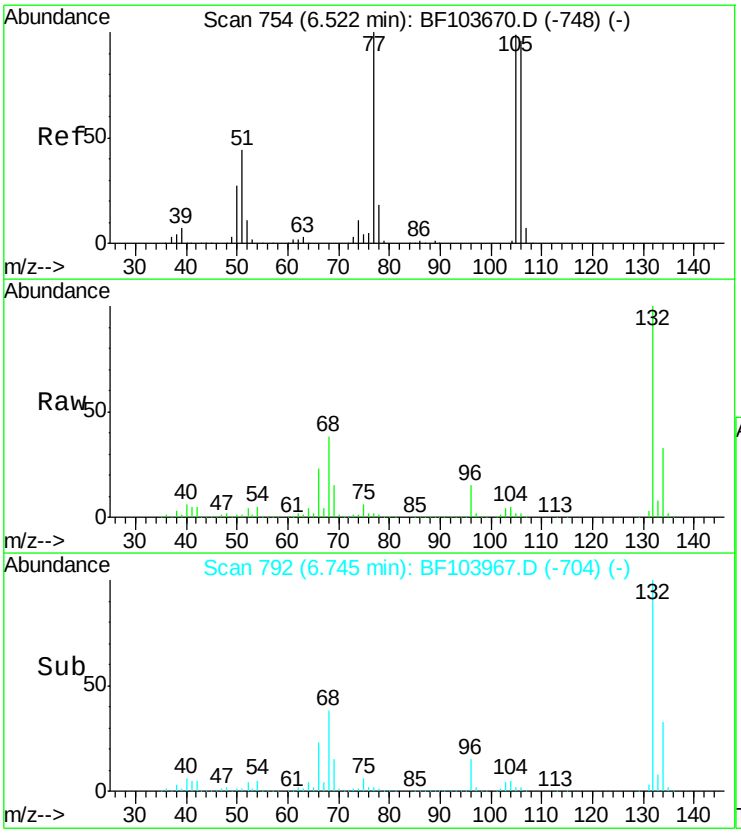
#7
Phenol-d6
Concen: 90.506 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1030977

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	31.6	25.4	38.0

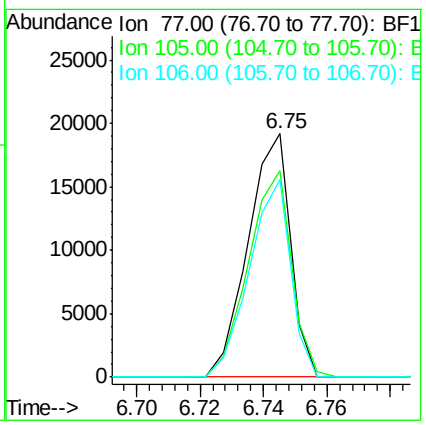


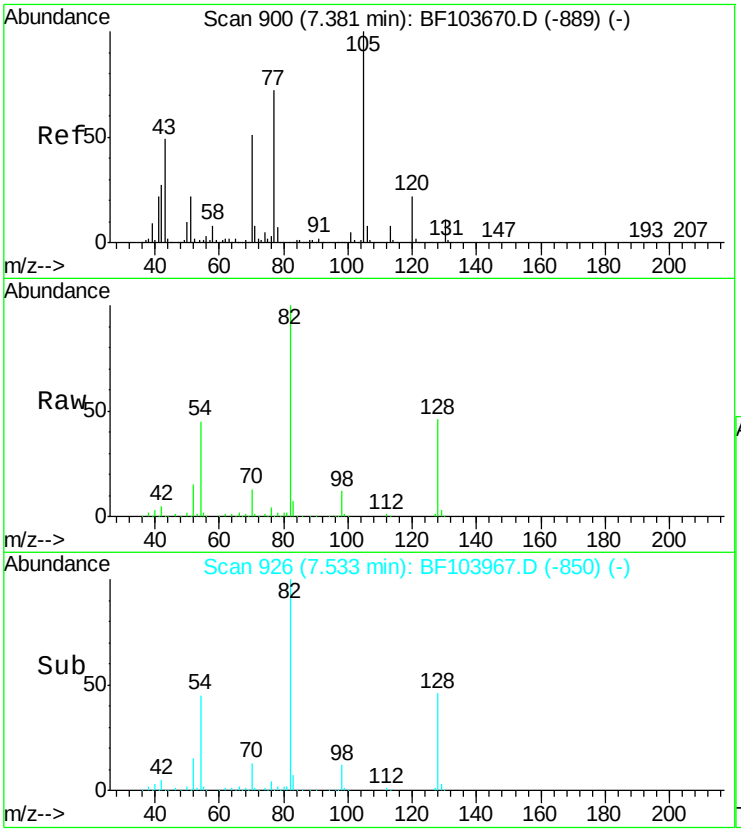


#9
Benzaldehyde
Concen: 2.378 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.22 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion: 77 Resp: 17794

Ion	Ratio	Lower	Upper
77	100		
105	84.7	81.1	121.1
106	81.3	74.5	114.5



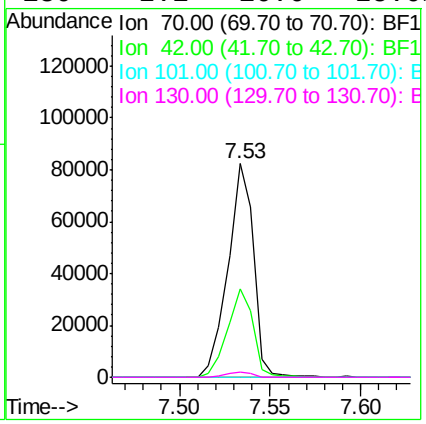


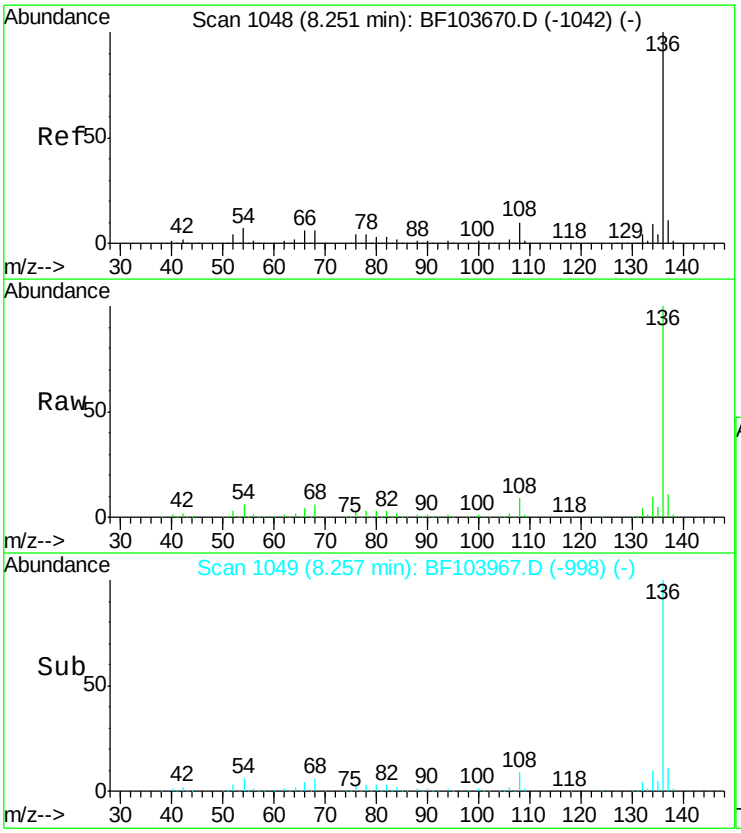
#19
n-Nitroso-di-n-propylamine
Concen: 11.113 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 81130

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

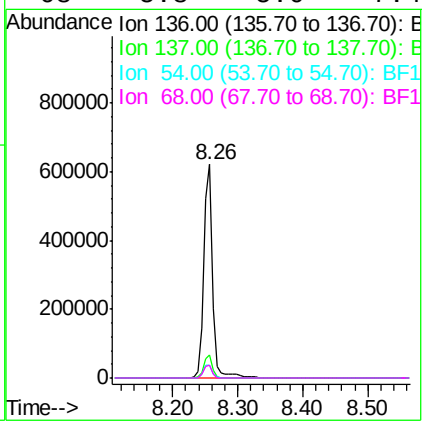


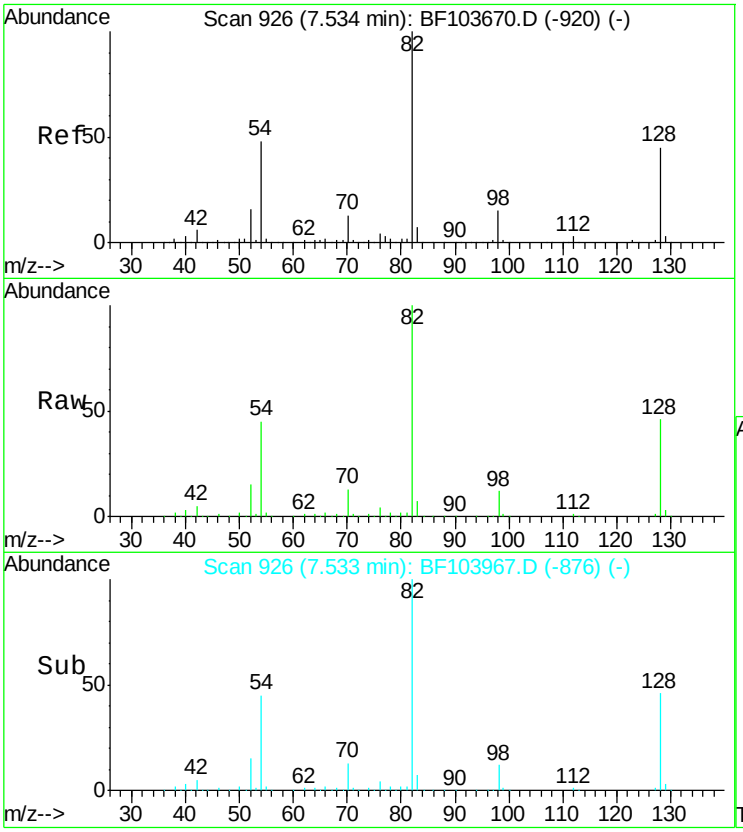


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion:136 Resp: 579452

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.3	6.6	9.8#
68	5.8	5.0	7.4

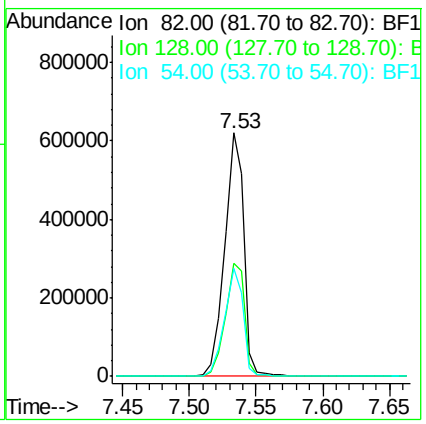




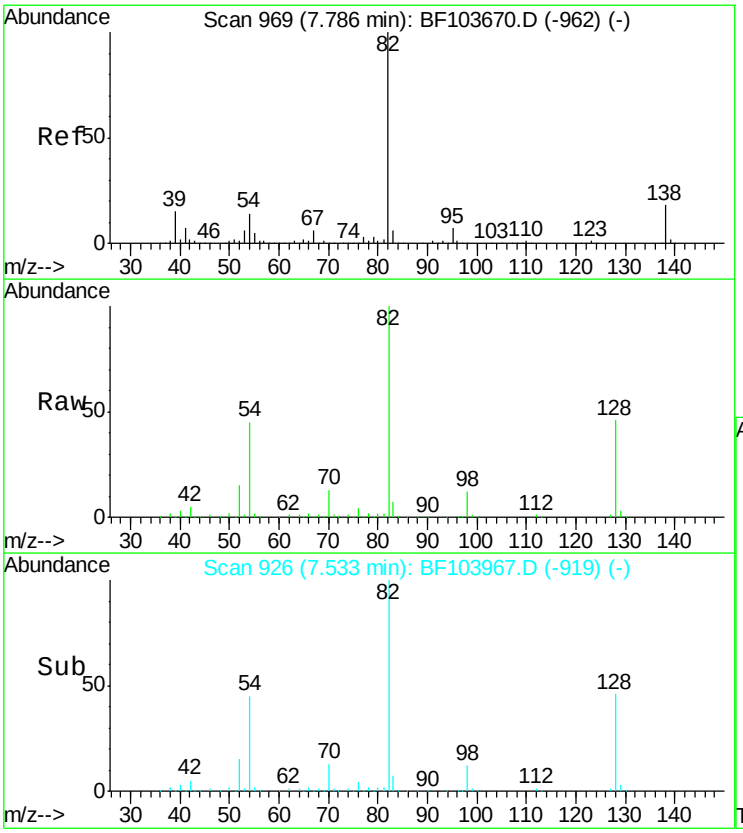
#23
Nitrobenzene-d5
Concen: 75.873 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion: 82 Resp: 630447

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	44.6	41.4	62.2



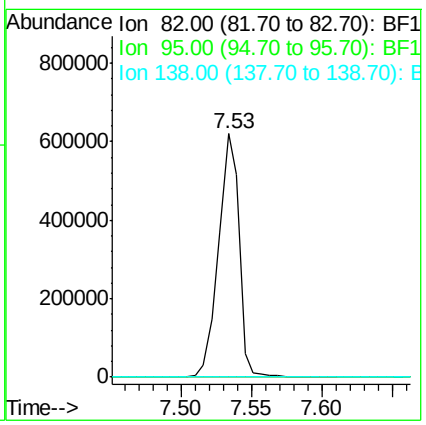
Instrument :
BNA_F
ClientSampleId :

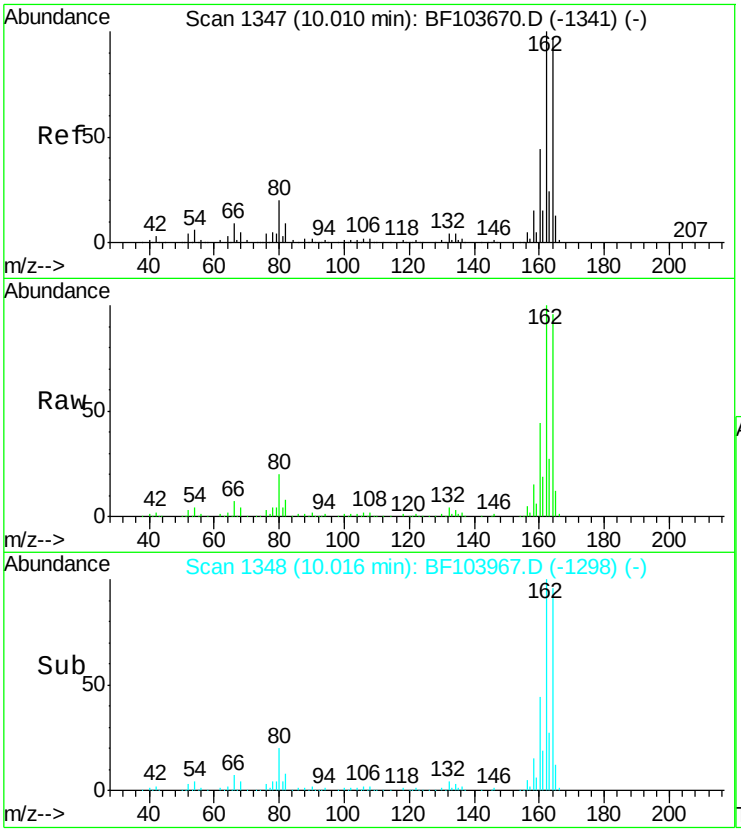


#25
Isophorone
Concen: 32.775 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion: 82 Resp: 630437

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



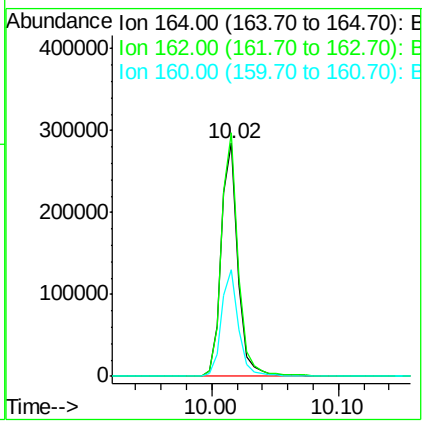


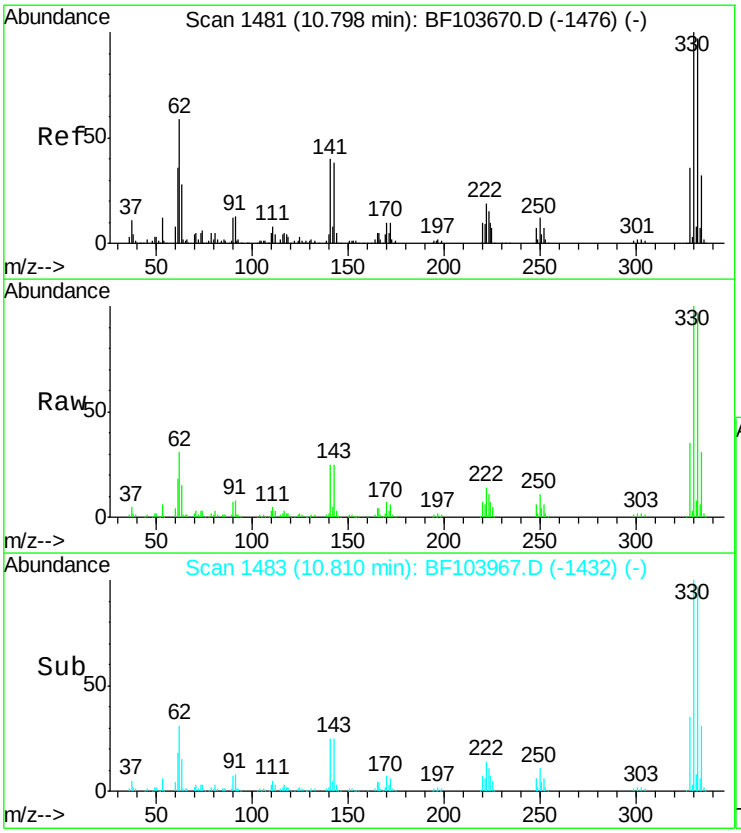
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 263803

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.7	38.3	57.5

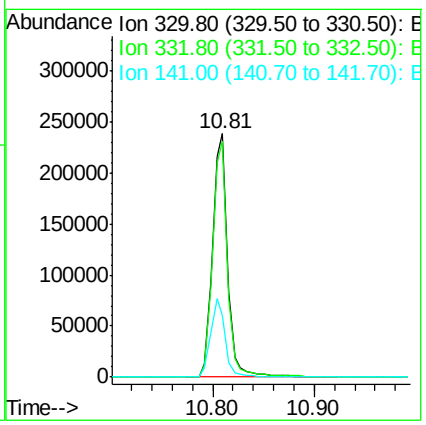


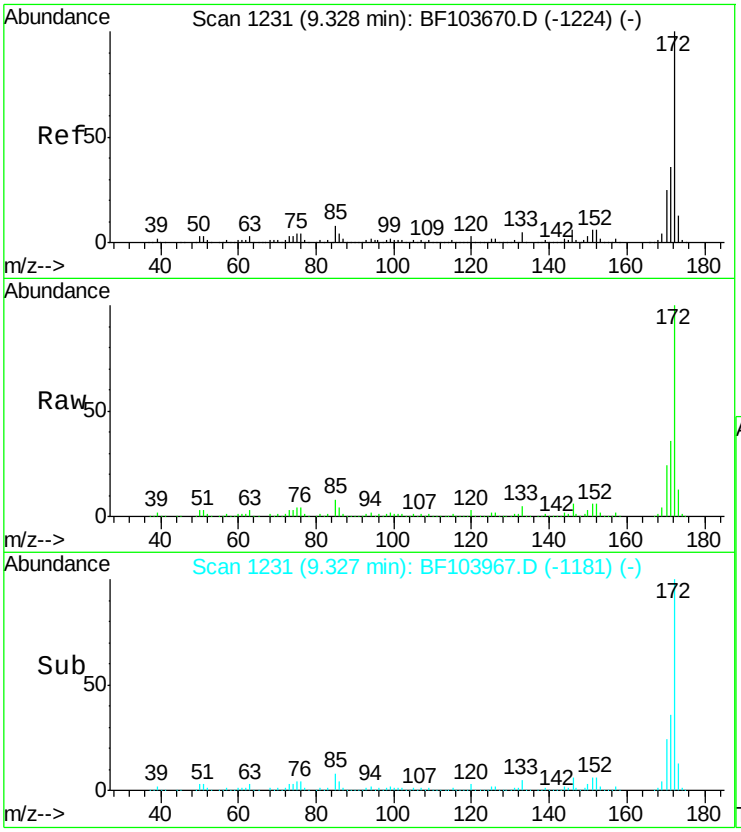


#41
2,4,6-Tribromophenol
Concen: 108.529 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion:330 Resp: 246166

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.4	29.9	44.9



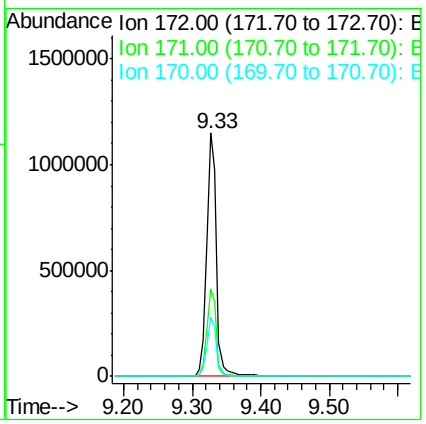


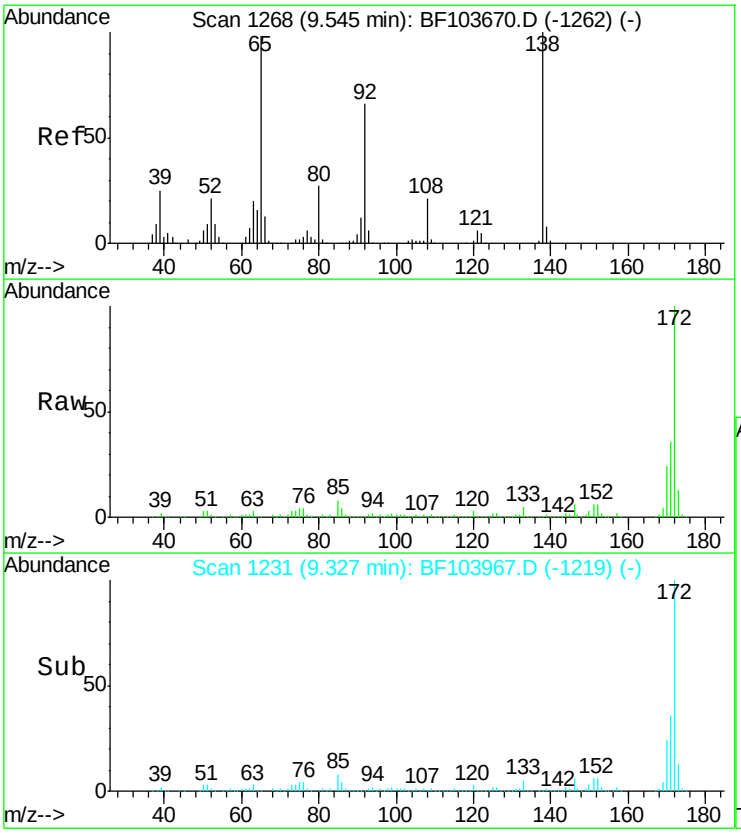
#44
2-Fluorobiphenyl
Concen: 70.568 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1167034

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

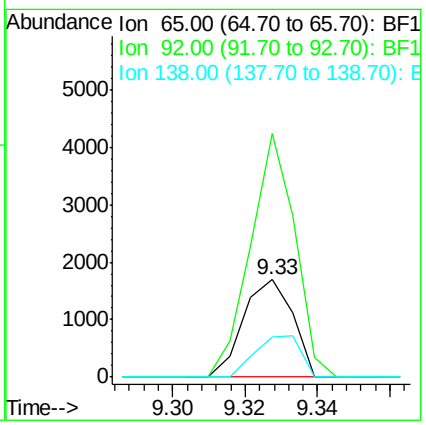


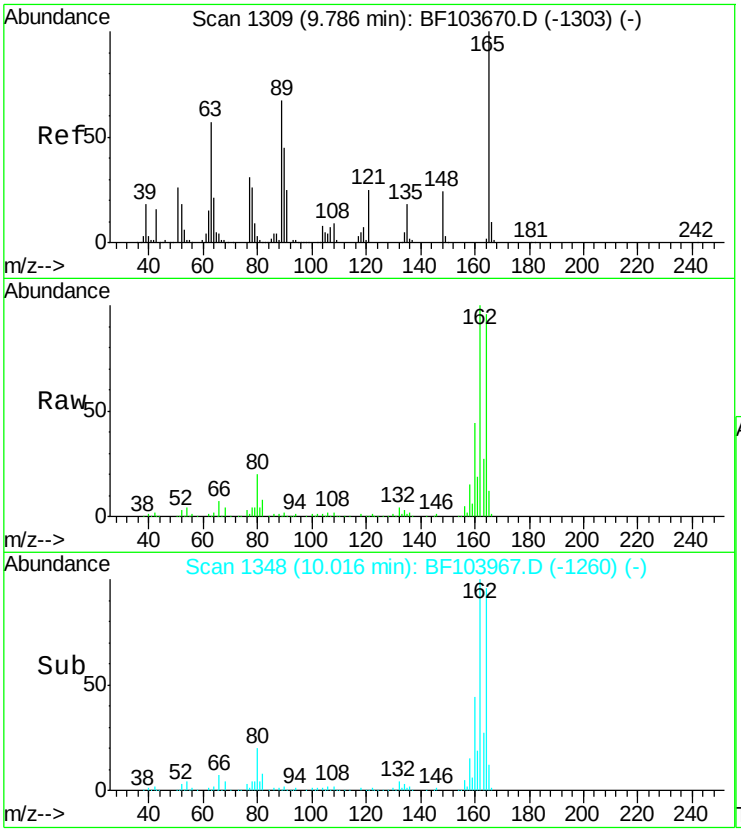


#47
2-Nitroaniline
Concen: 7.118 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.23 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion: 65 Resp: 1616

Ion	Ratio	Lower	Upper
65	100		
92	250.0	55.8	83.6#
138	41.6	91.2	136.8#



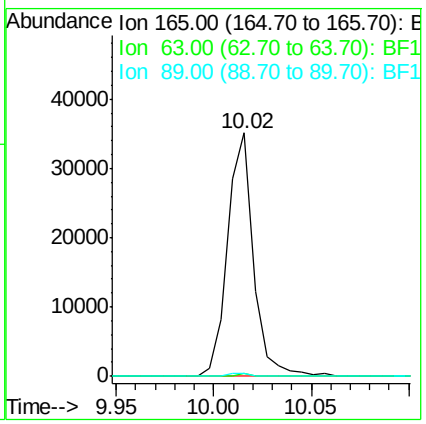


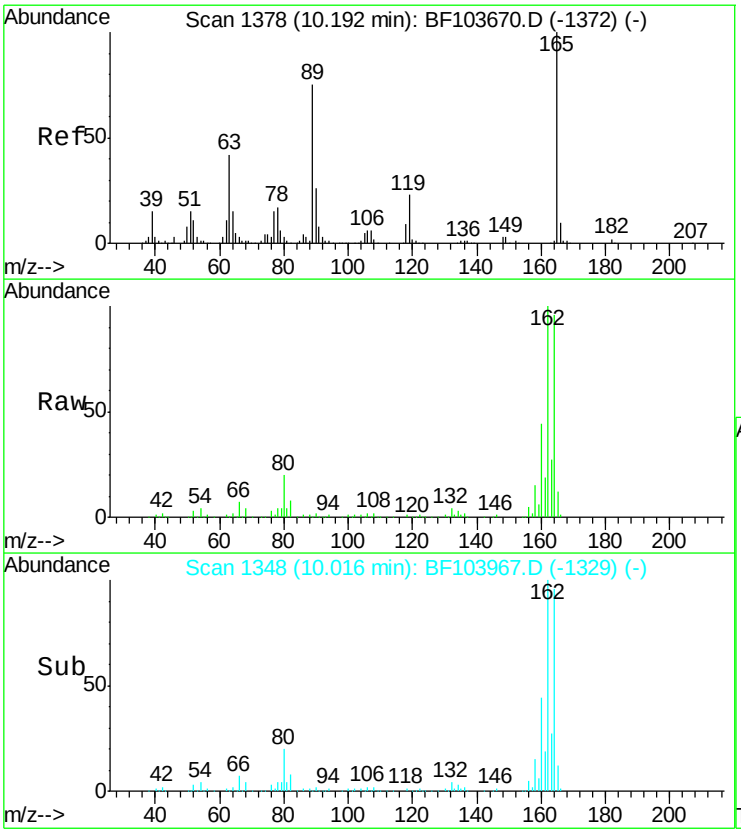
#50
2,6-Dinitrotoluene
Concen: 11.581 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32256

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#

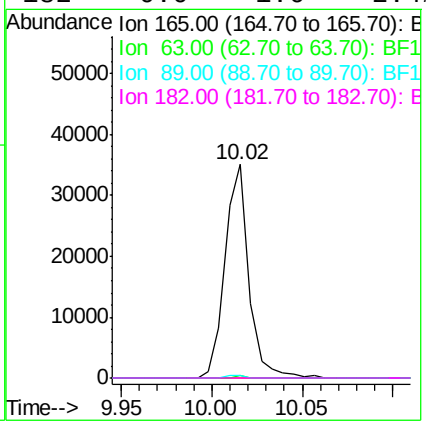


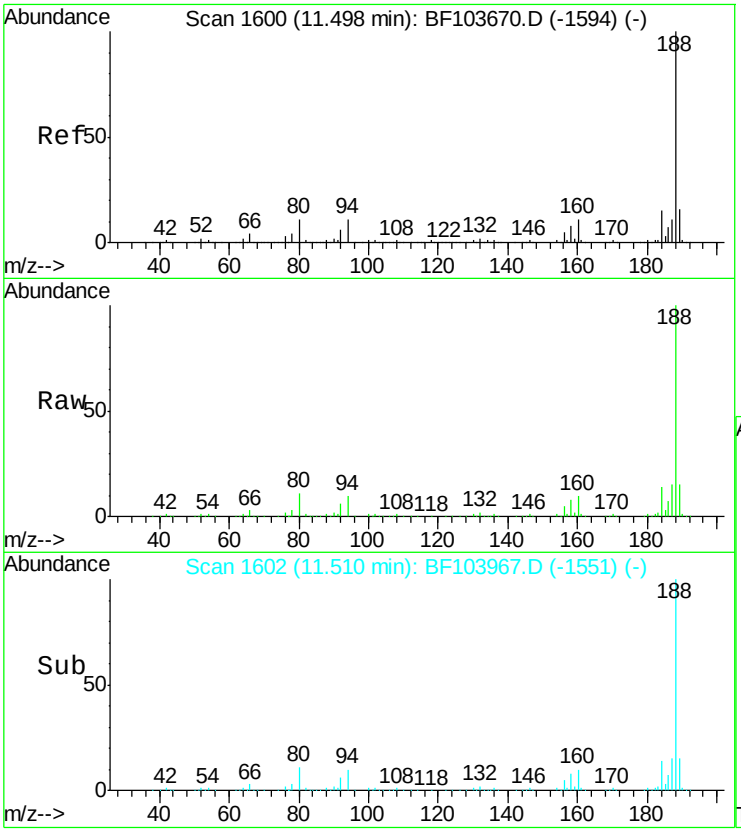


#56
2,4-Dinitrotoluene
Concen: 11.907 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion:165 Resp: 32257

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



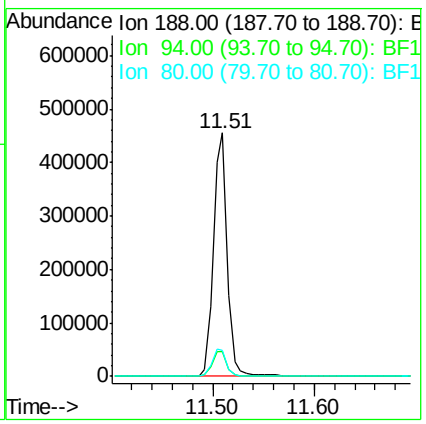


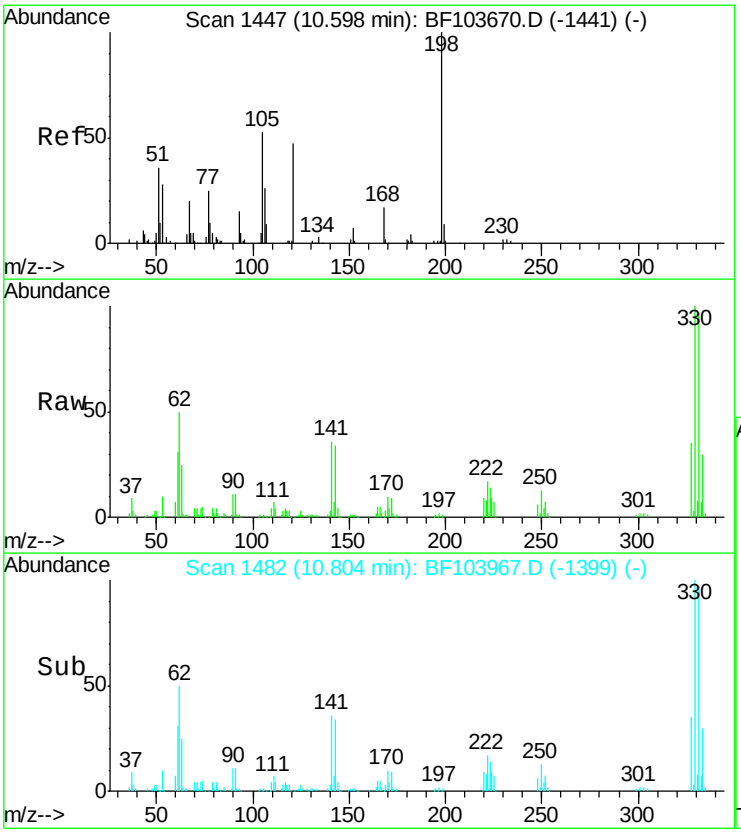
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 428243

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.5	9.2	13.8

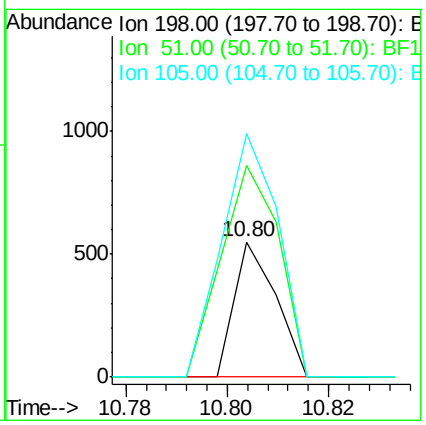


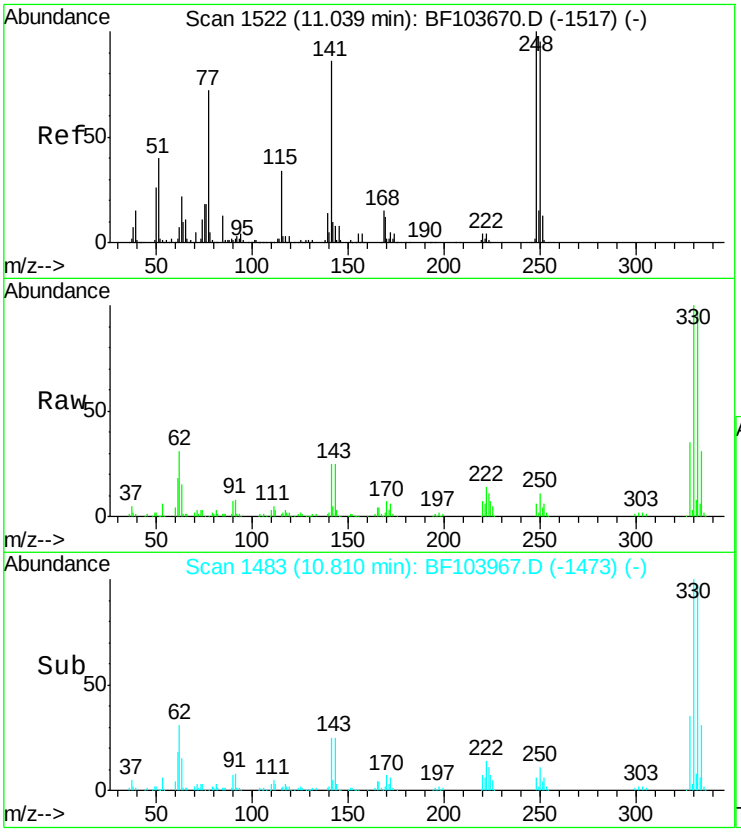


#64
4,6-Dinitro-2-methylphenol
Concen: 8.334 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.19 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion:198 Resp: 312

Ion	Ratio	Lower	Upper
198	100		
51	157.0	37.7	77.7#
105	180.5	36.3	76.3#



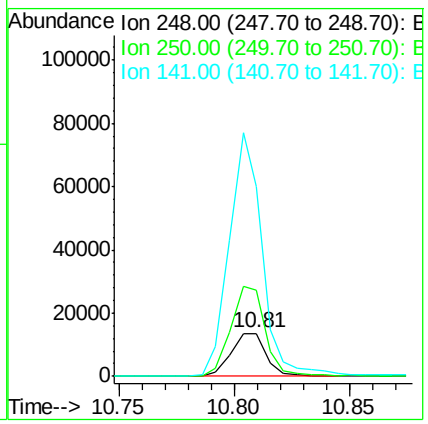


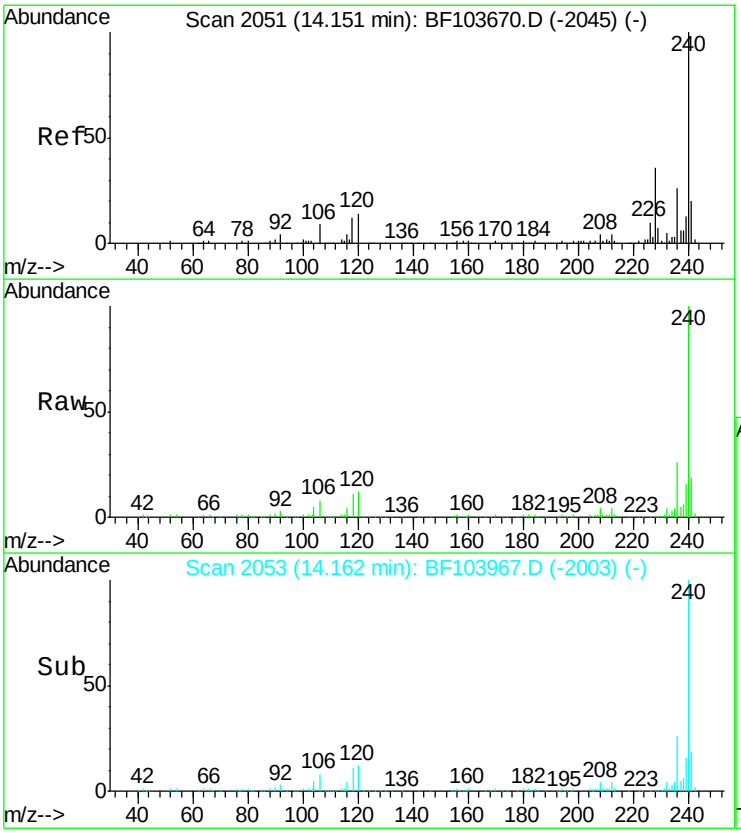
#66
4-Bromophenyl-phenylether
Concen: 3.298 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14503

Ion	Ratio	Lower	Upper
248	100		
250	199.7	76.9	115.3#
141	441.9	74.4	111.6#

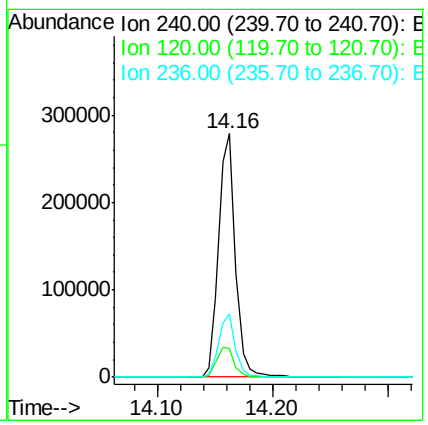


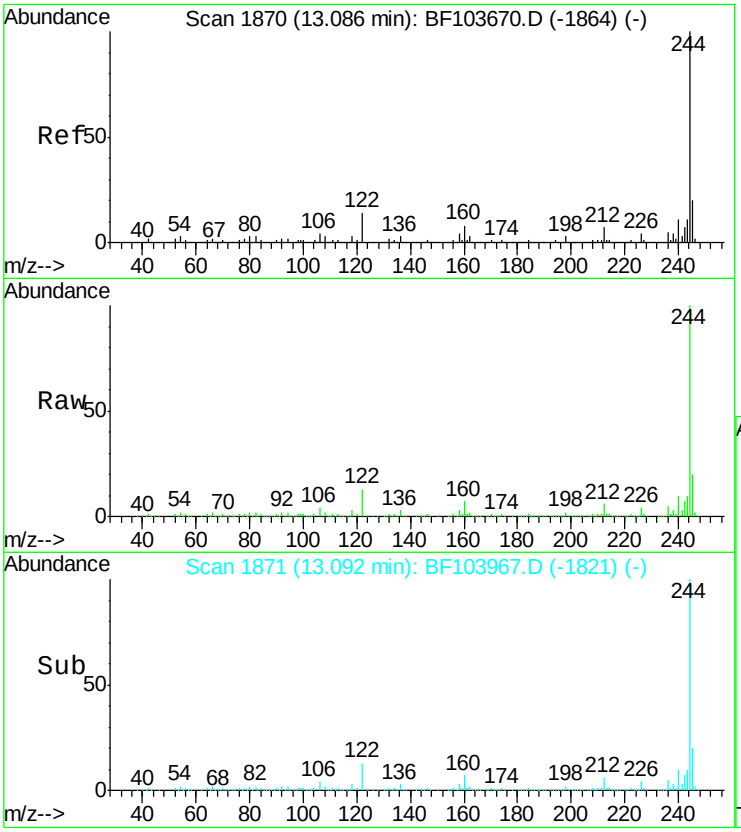


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion:240 Resp: 281689

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.8	20.7	31.1



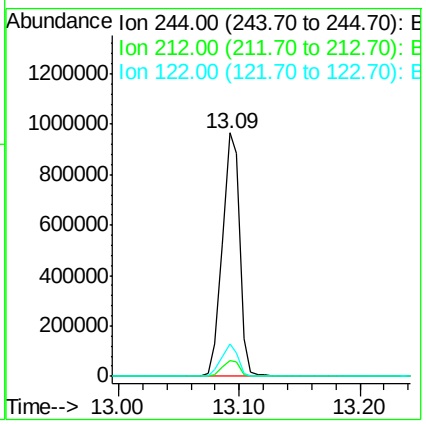


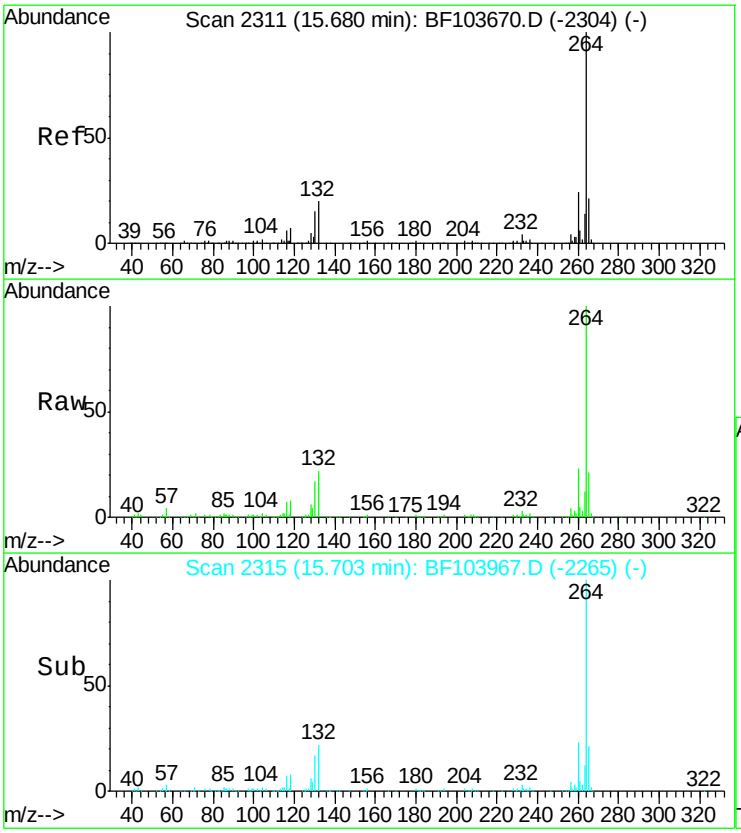
#78
Terphenyl-d14
Concen: 78.550 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 953266

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103967.D
Acq: 27 Mar 2018 10:45

Tgt Ion:264 Resp: 238235

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3