Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110027.D
Acq On : 20 Oct 2018 3:20
Operator : JU/SJ
Sample : J5593-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 04:02:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	206305	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	827157	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	353141	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	553588	20.00	ng	0.00
76) Chrysene-d12	14.14	240	386582	20.00	ng	0.00
87) Perylene-d12	15.67	264	321526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	486535	37.38	ng	0.00
7) Phenol-d6	6.58	99	360060	22.28	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1205085	98.14	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	248873	81.40	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1989597	89.90	ng	0.00
79) Terphenyl-d14	13.09	244	1404636	76.30	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.59	94	43660	2.502	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	162013	15.613	ng	# 80
25) Isophorone	7.53	82	1205075	49.948	ng	# 67
50) Dimethylphthalate	9.72	163	64094	2.563	ng	99
51) 2,6-Dinitrotoluene	10.01	165	44762	9.425	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	44762	11.332	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	651	8.176	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	16387	2.731	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
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Acq On : 20 Oct 2018 3:20
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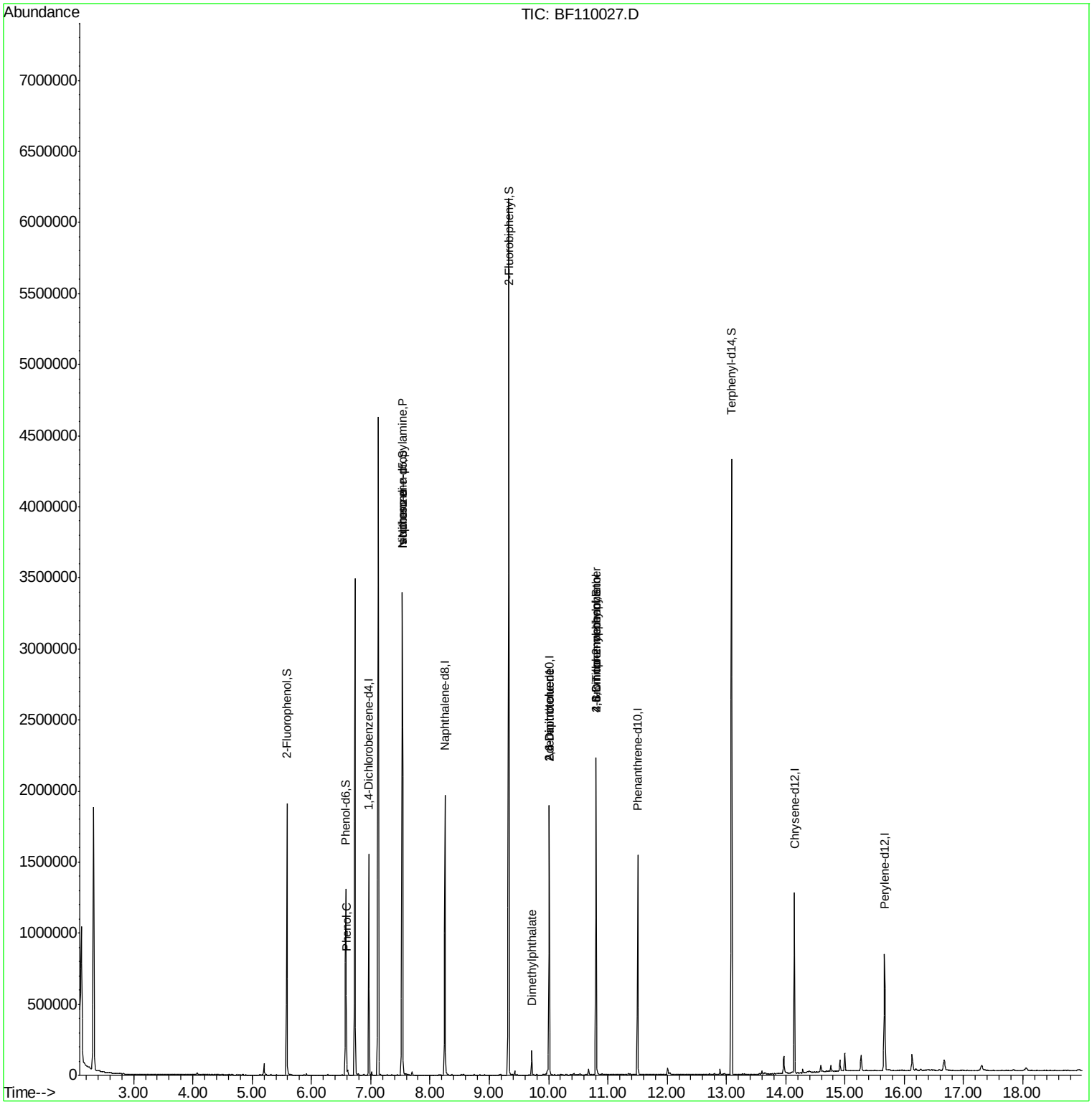
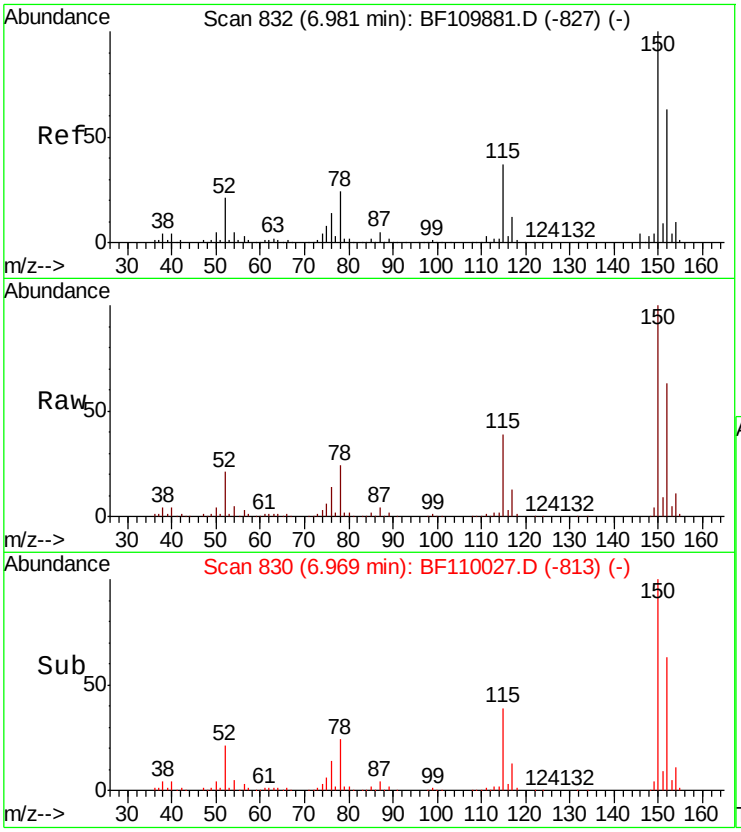
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 20 04:02:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration



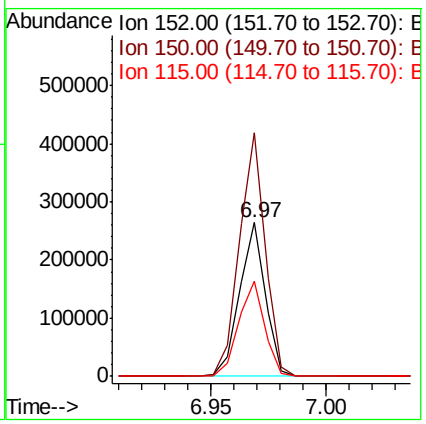


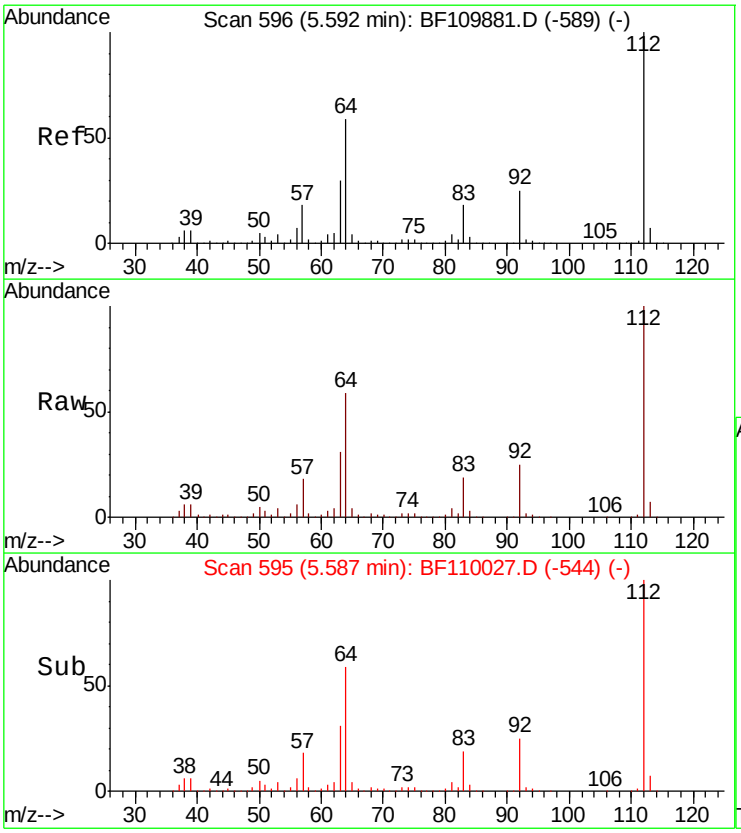
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 206305

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	61.7	49.1	73.7

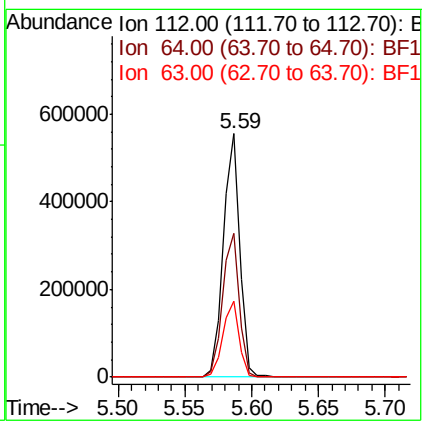


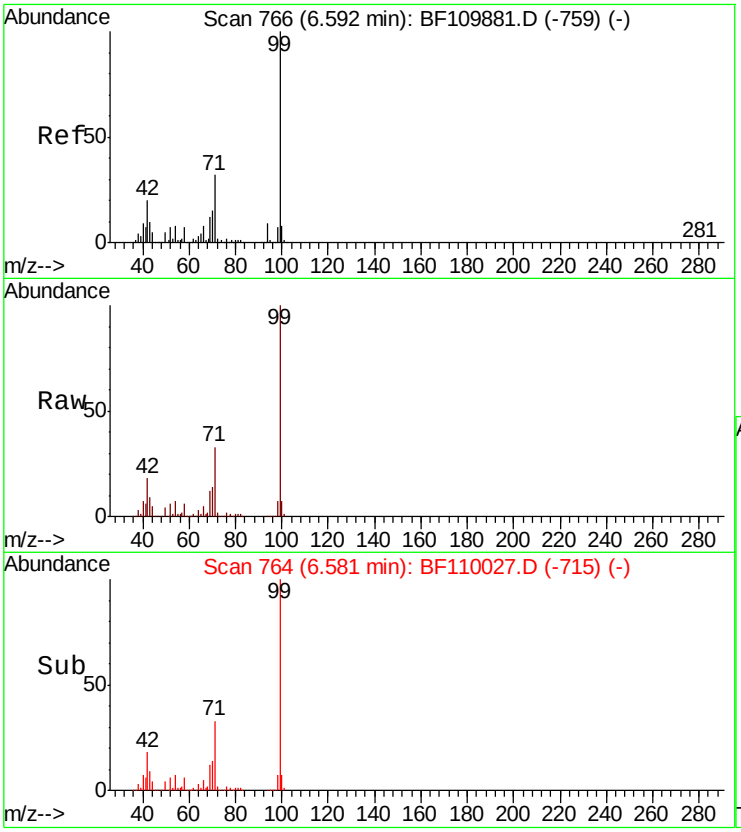


#5
2-Fluorophenol
Concen: 37.383 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion:112 Resp: 486535

Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.1	23.7	35.5



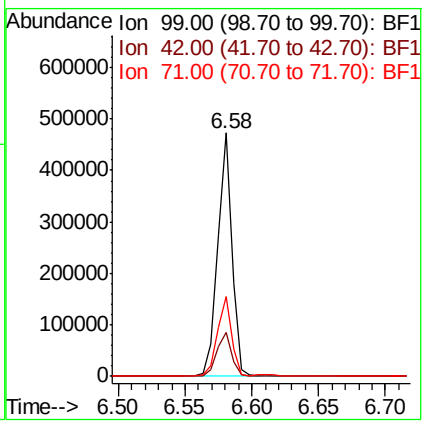


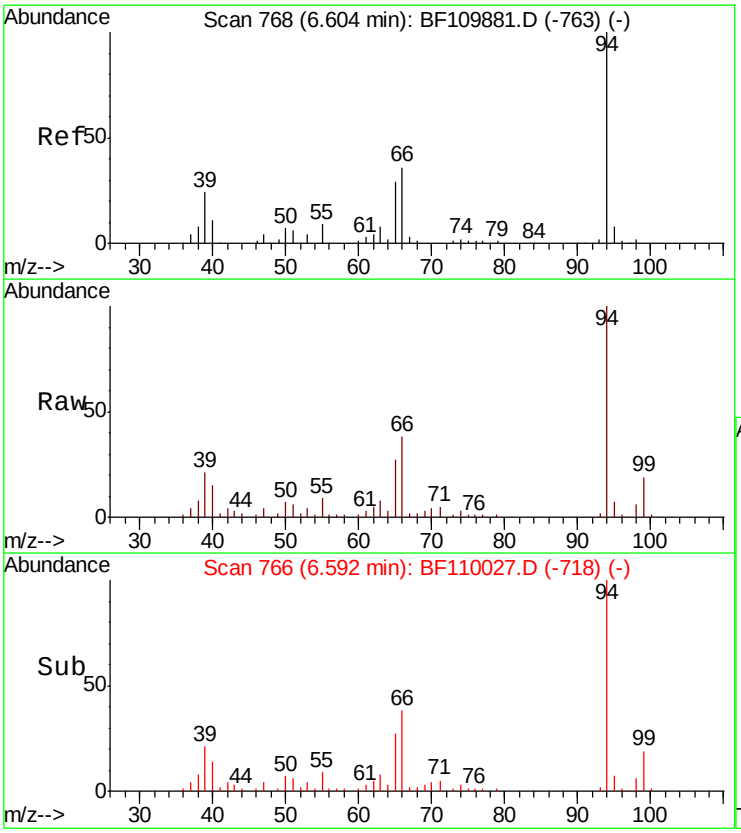
#7
Phenol-d6
Concen: 22.279 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 360060

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	33.0	28.0	42.0

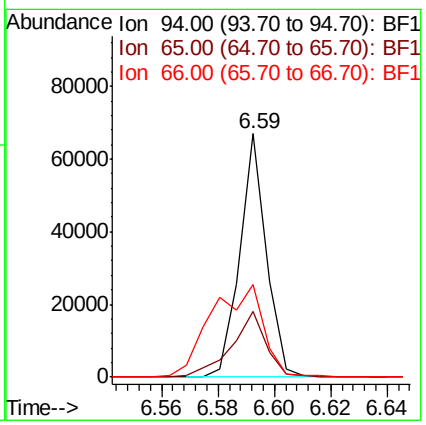


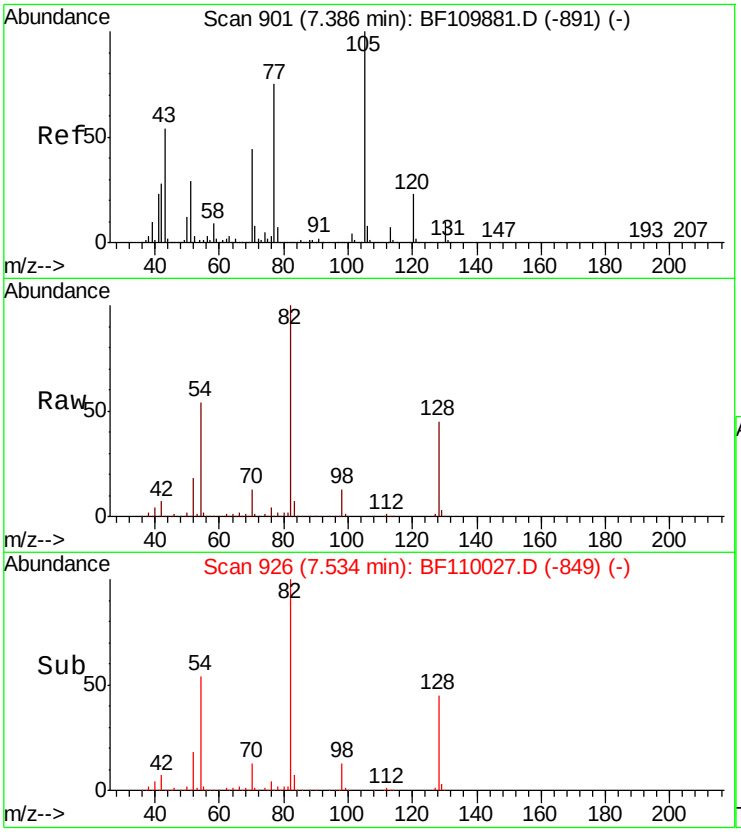


#10
Phenol
Concen: 2.502 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion: 94 Resp: 43660

Ion	Ratio	Lower	Upper
94	100		
65	26.8	25.3	65.3
66	38.2	54.5	94.5#



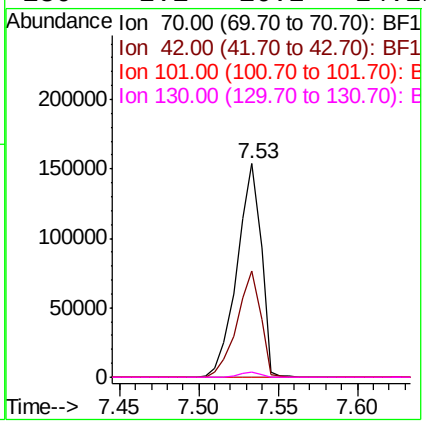


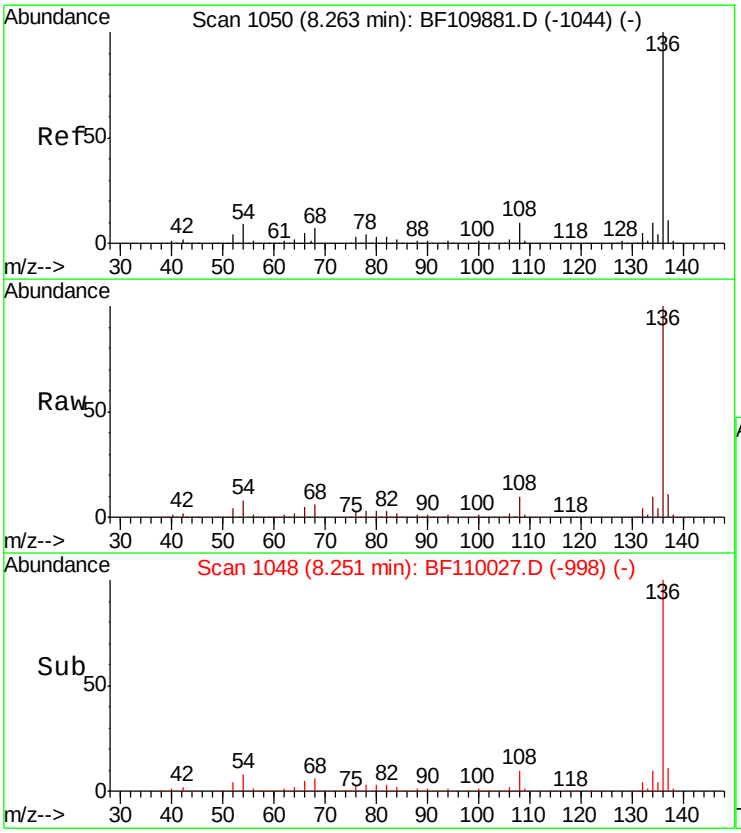
#19
n-Nitroso-di-n-propylamine
Concen: 15.613 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 162013

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

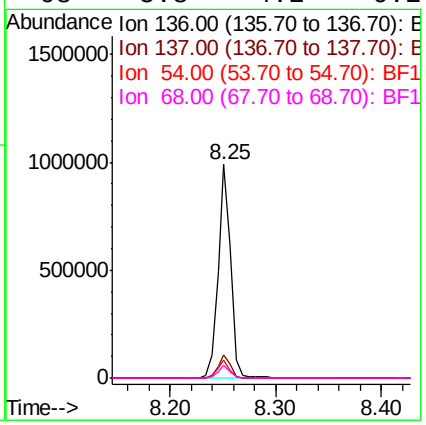


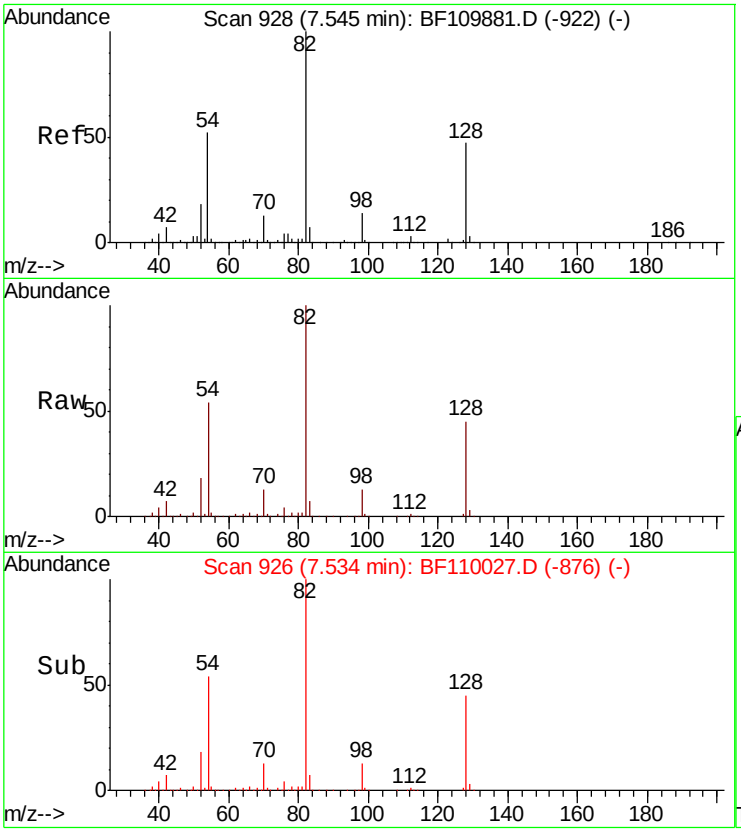


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion:136 Resp: 827157

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	5.4	8.2#
68	5.8	4.2	6.2



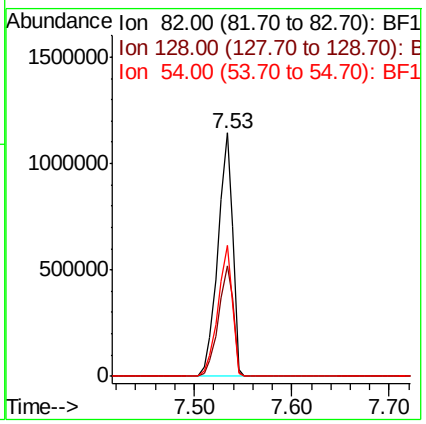


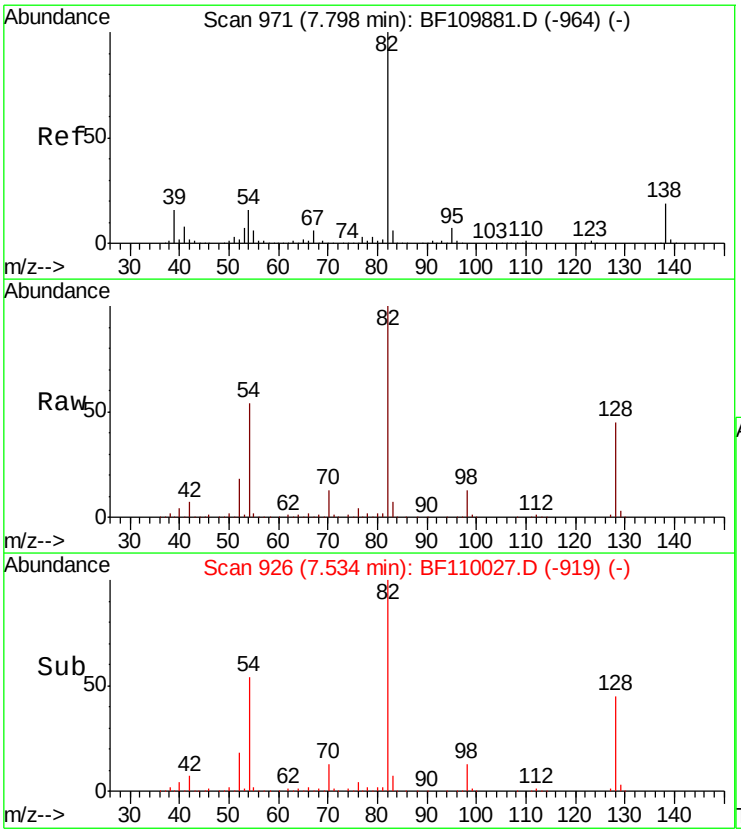
#23
Nitrobenzene-d5
Concen: 98.142 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1205085

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.2	51.2
54	53.8	38.6	58.0

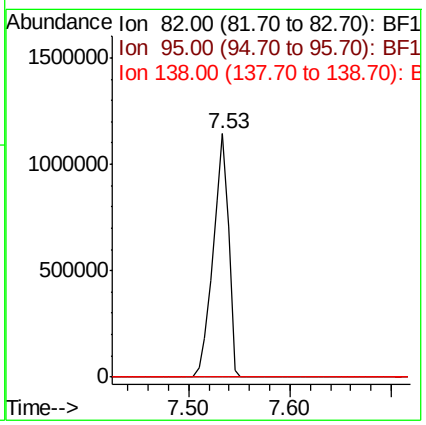


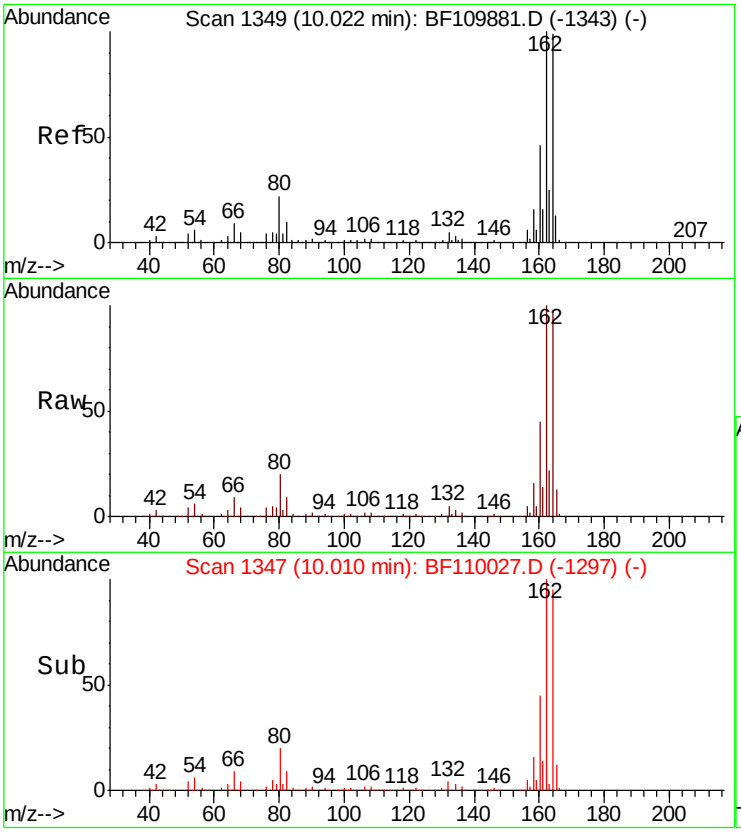


#25
Isophorone
Concen: 49.948 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion: 82 Resp: 1205075

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



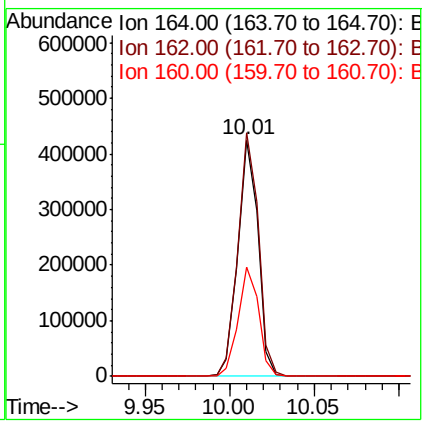


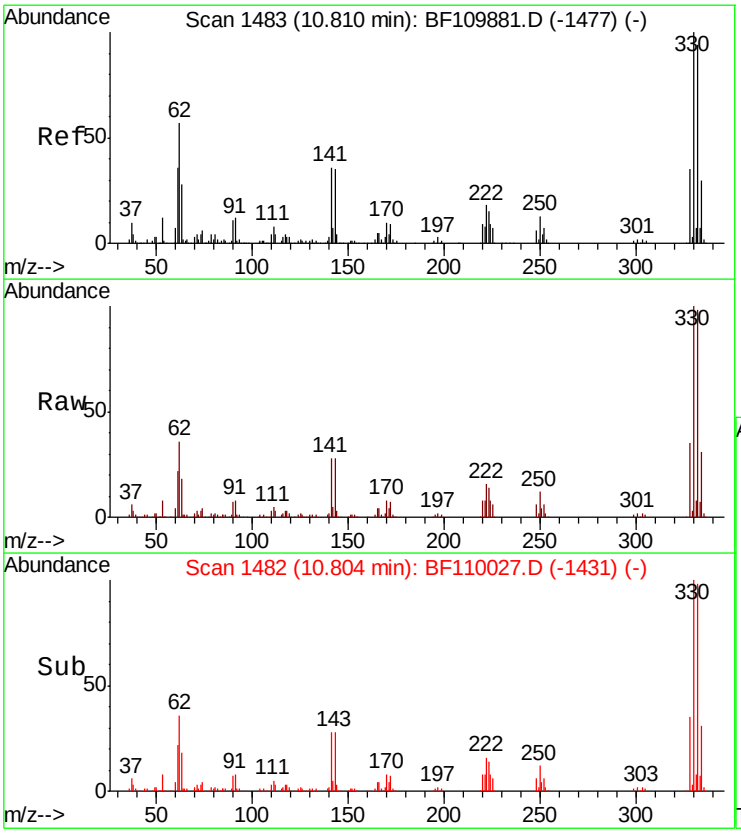
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 353141

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	46.2	37.0	55.6

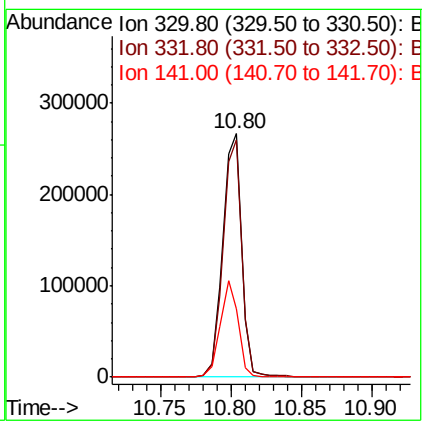


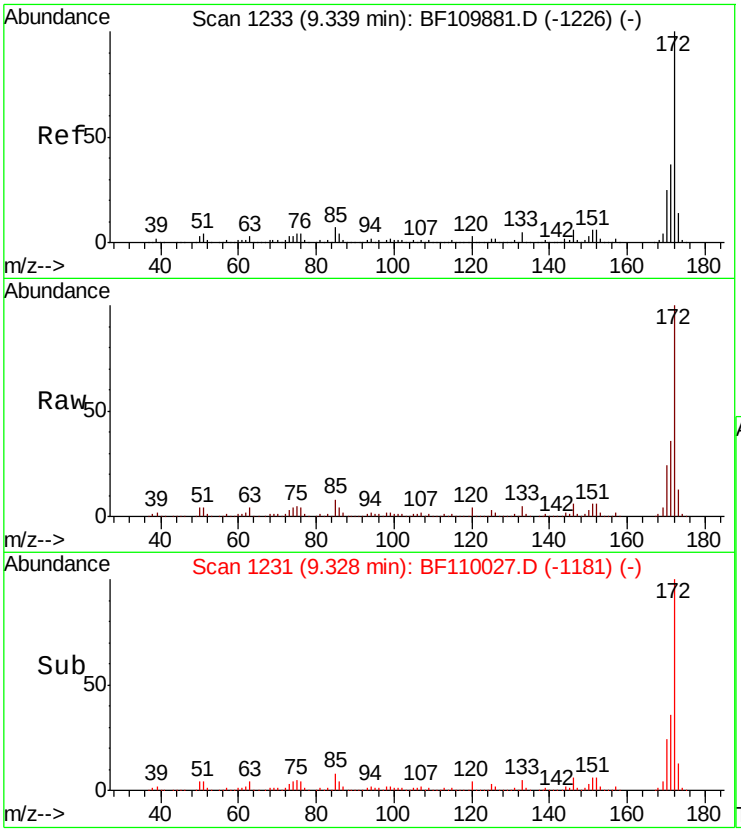


#42
2,4,6-Tribromophenol
Concen: 81.400 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion:330 Resp: 248873

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	37.4	27.0	40.4



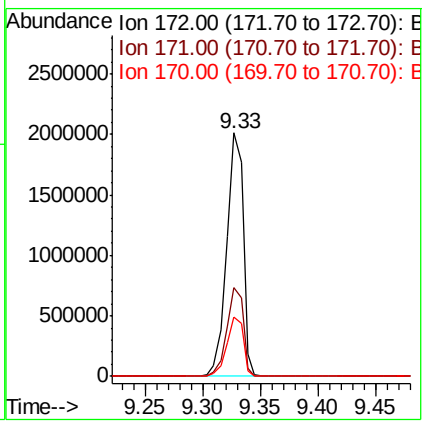


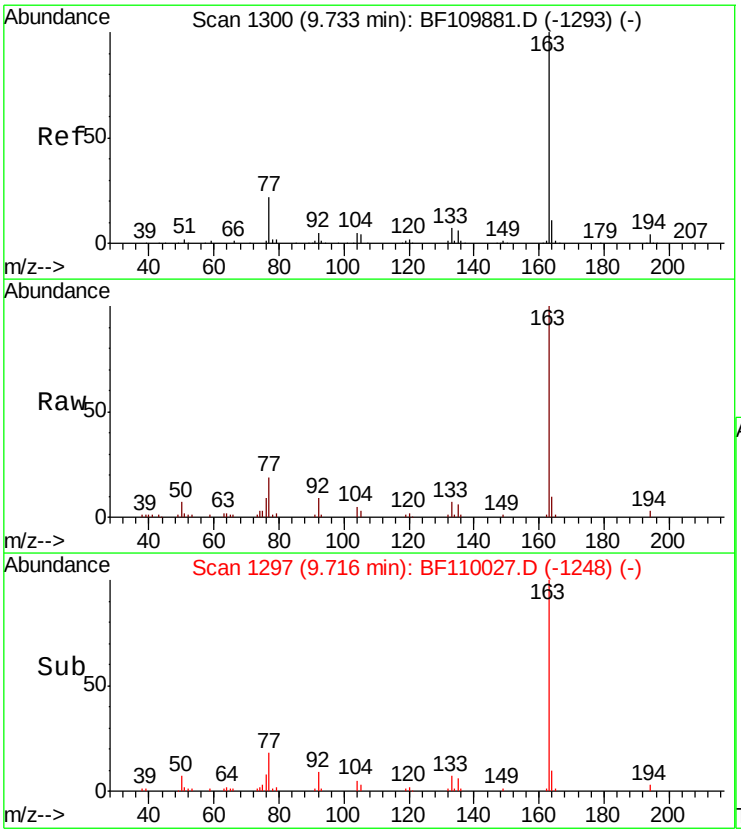
#45
2-Fluorobiphenyl
Concen: 89.899 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1989597

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	19.7	29.5

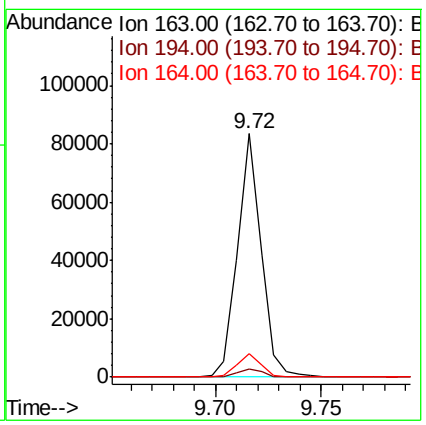


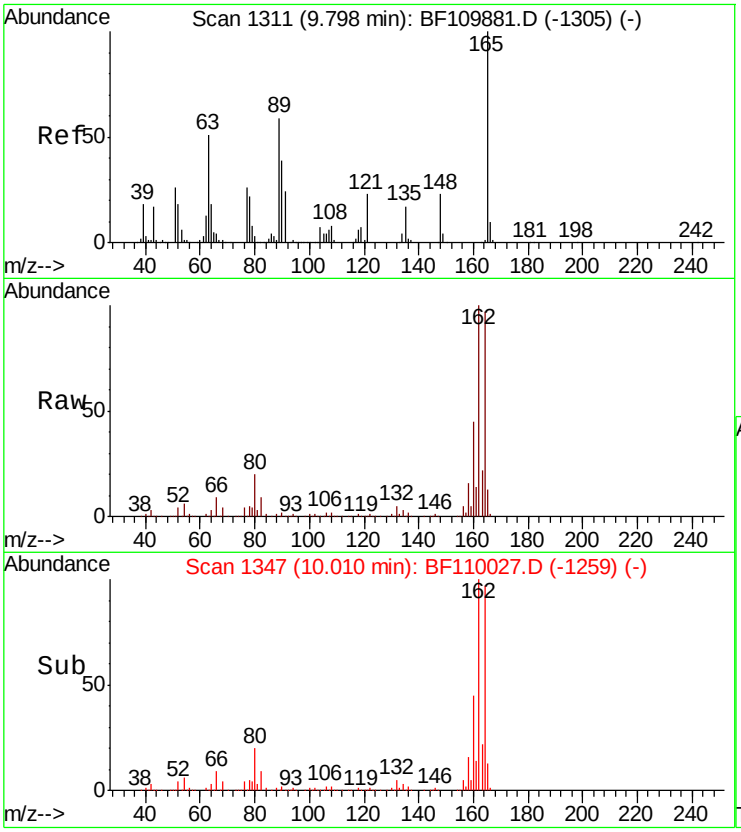


#50
Dimethylphthalate
Concen: 2.563 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion:163 Resp: 64094

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.6	8.1	12.1



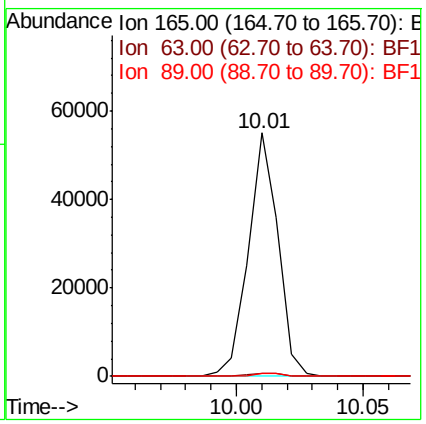


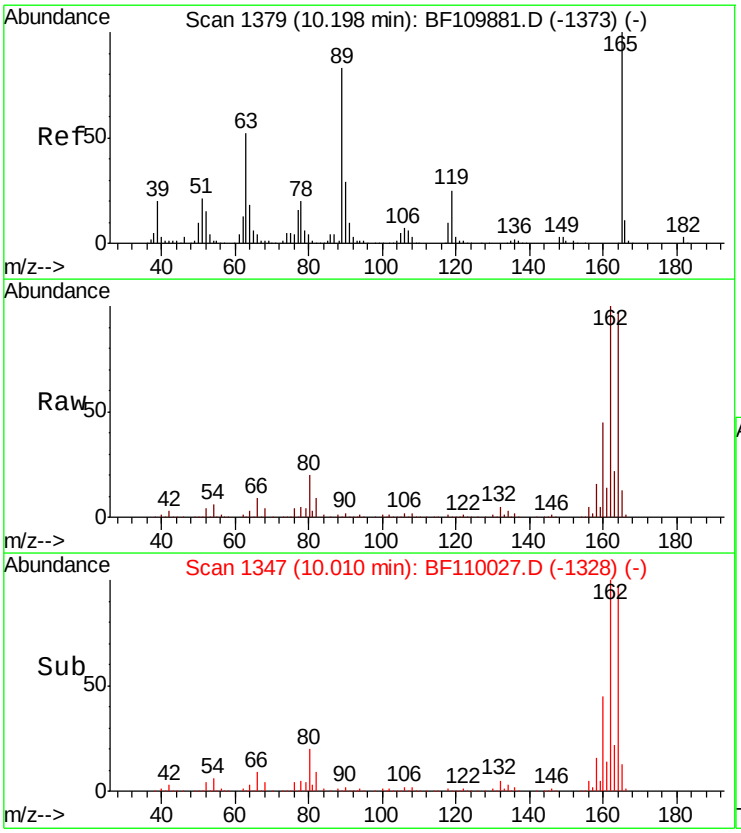
#51
2,6-Dinitrotoluene
Concen: 9.425 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44762

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	1.3	46.6	69.8#

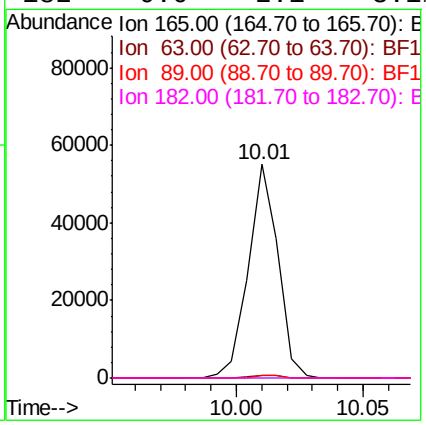


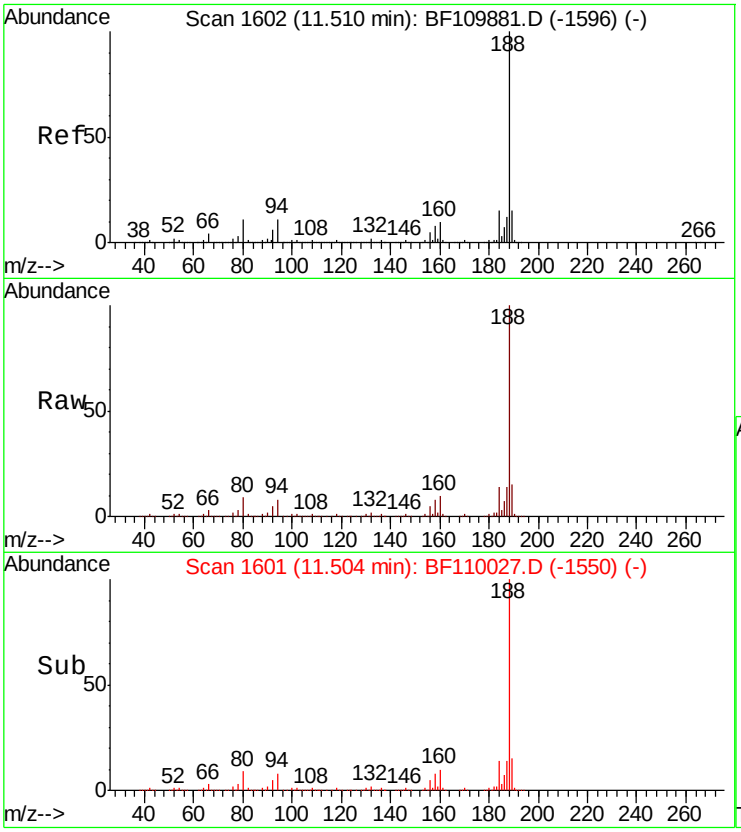


#57
2,4-Dinitrotoluene
Concen: 11.332 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion:165 Resp: 44762

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



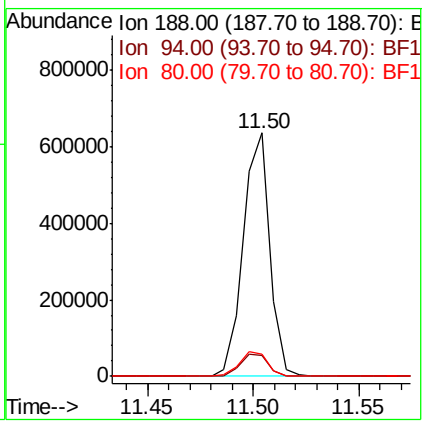


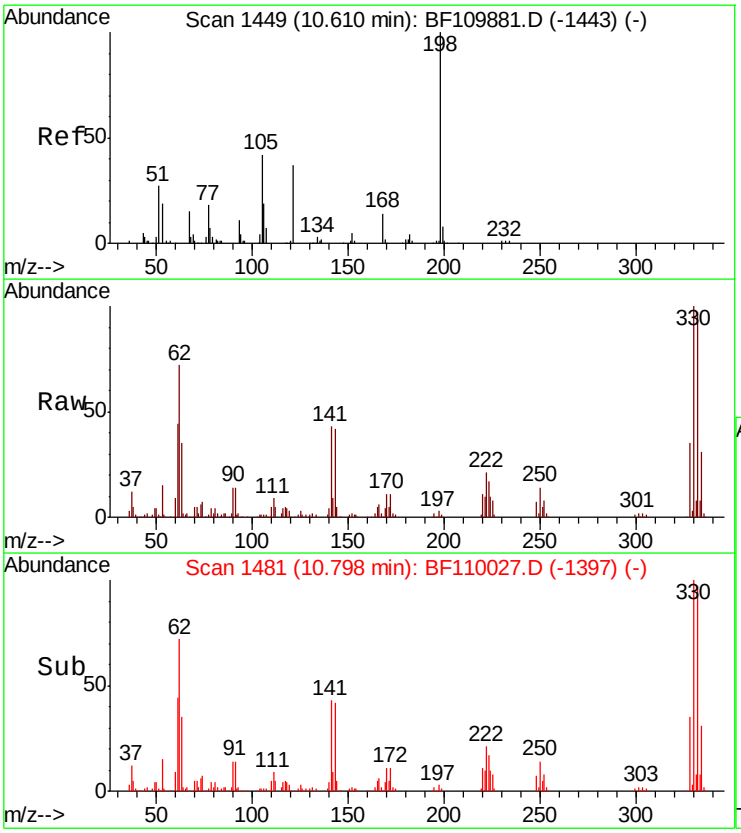
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 553588

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.0	7.9	11.9

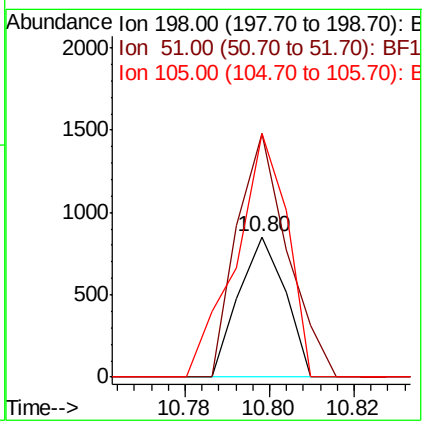


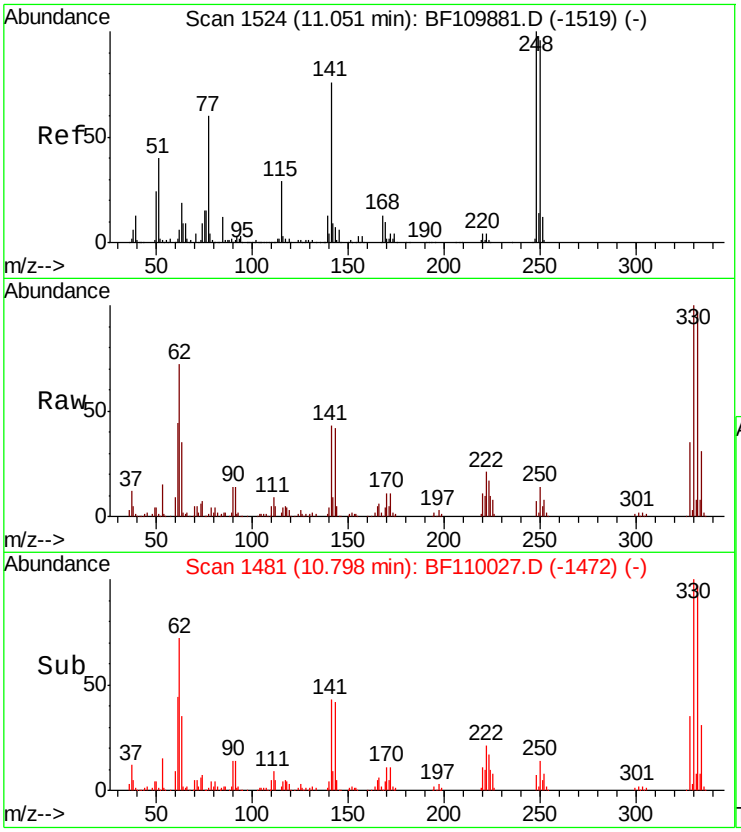


#65
4,6-Dinitro-2-methylphenol
Concen: 8.176 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.19 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion:198 Resp: 651

Ion	Ratio	Lower	Upper
198	100		
51	173.4	22.8	62.8#
105	173.6	23.6	63.6#



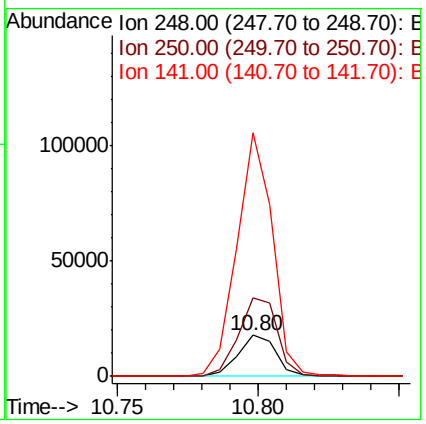


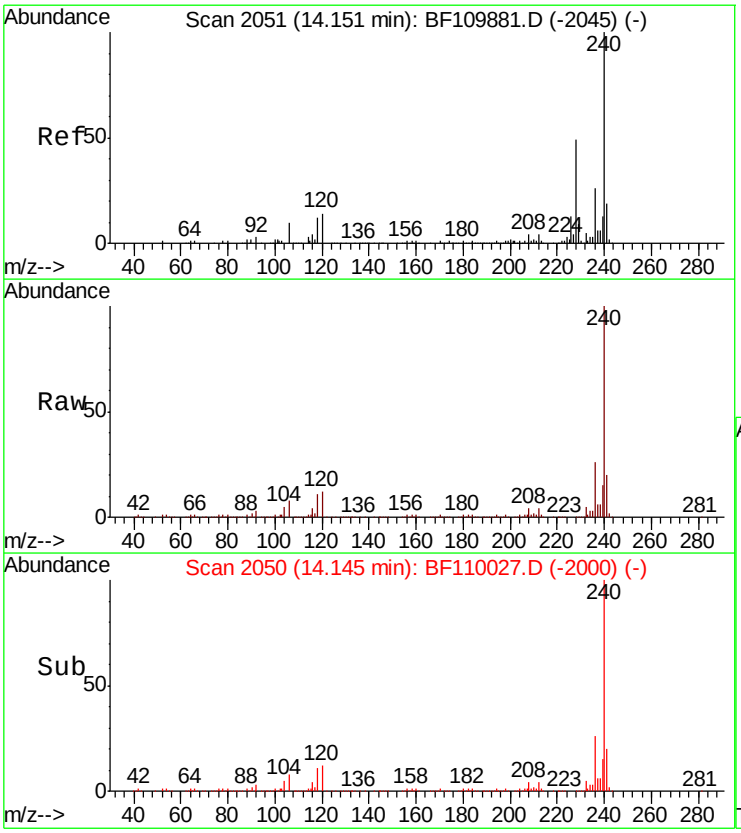
#67
4-Bromophenyl-phenylether
Concen: 2.731 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.25 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16387

Ion	Ratio	Lower	Upper
248	100		
250	191.4	79.4	119.2#
141	593.5	55.9	83.9#

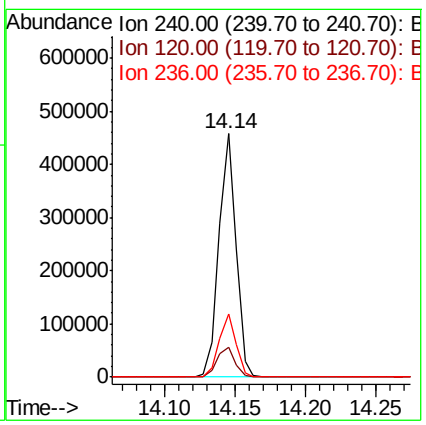


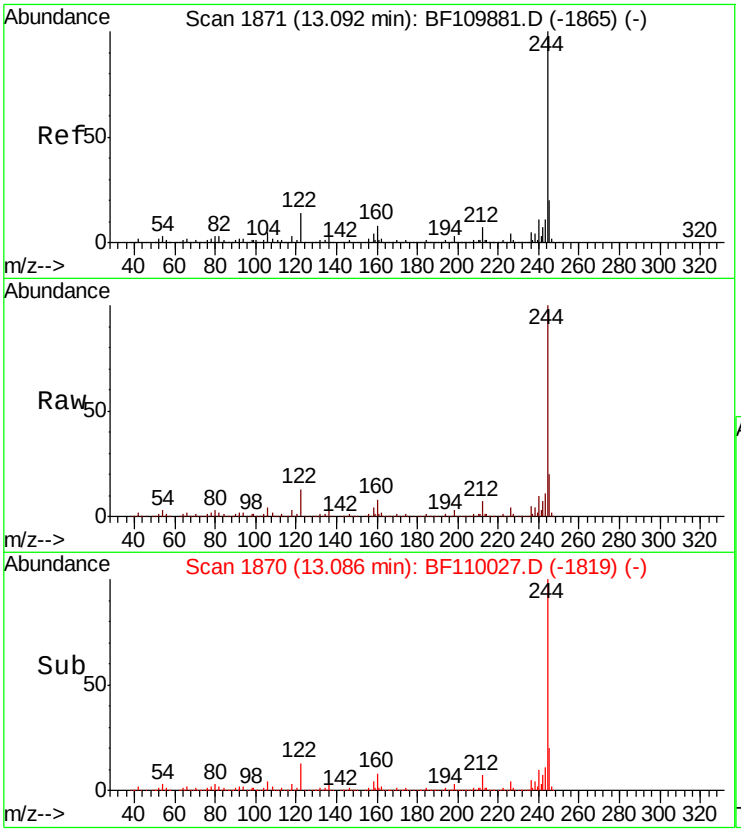


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion:240 Resp: 386582

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	26.1	21.2	31.8



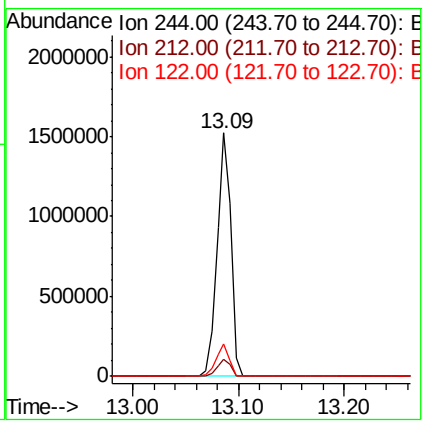


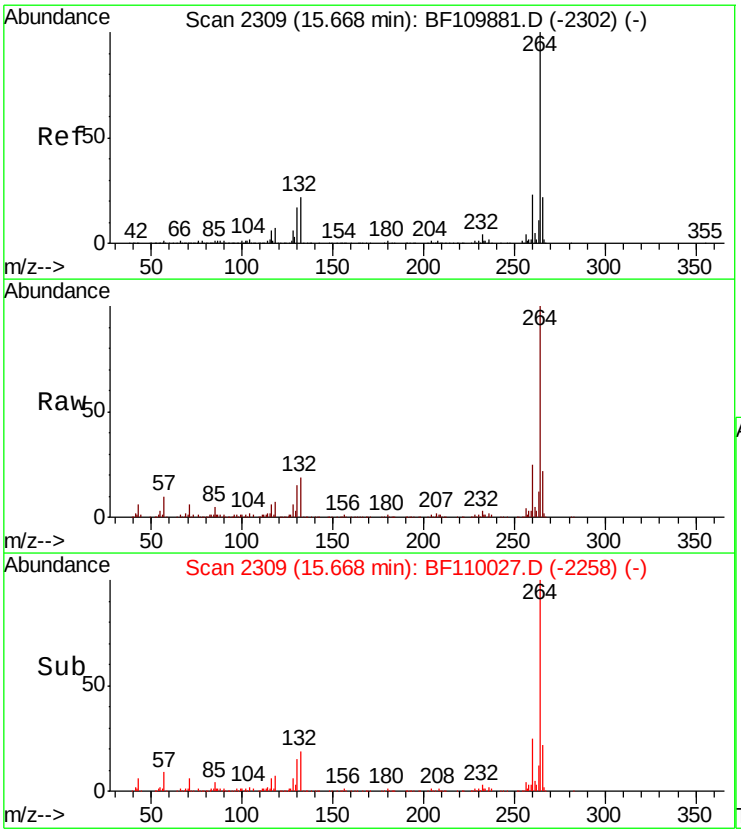
#79
Terphenyl-d14
Concen: 76.300 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1404636

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.1	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF110027.D
Acq: 20 Oct 2018 3:20

Tgt Ion:264 Resp: 321526

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.0	16.7	25.1