Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
Data File : BF109990.D
Acq On : 19 Oct 2018 5:34
Operator : JU/SJ
Sample : J5565-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RLF-SD-8

Quant Time: Oct 19 10:31:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	193182	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	672583	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	264036	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	473454	20.00	ng		0.00
76) Chrysene-d12	14.16	240	400367	20.00	ng		0.00
87) Perylene-d12	15.69	264	287123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1126425	92.43	ng		0.00
7) Phenol-d6	6.60	99	1363531	90.10	ng		0.00
23) Nitrobenzene-d5	7.54	82	808888	81.02	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	240890	105.38	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1062772	64.23	ng		0.00
79) Terphenyl-d14	13.10	244	985225	51.68	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.61	94	149797	9.168	ng	#	62
19) n-Nitroso-di-n-propylamine	7.54	70	106297	10.940	ng	#	79
25) Isophorone	7.54	82	806380	41.104	ng	#	67
50) Dimethylphthalate	9.72	163	195675	10.466	ng		99
57) 2,4-Dinitrotoluene	10.02	165	33168	11.271	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.80	198	588	8.191	ng	#	1
67) 4-Bromophenyl-phenylether	10.81	248	15198	2.962	ng	#	1

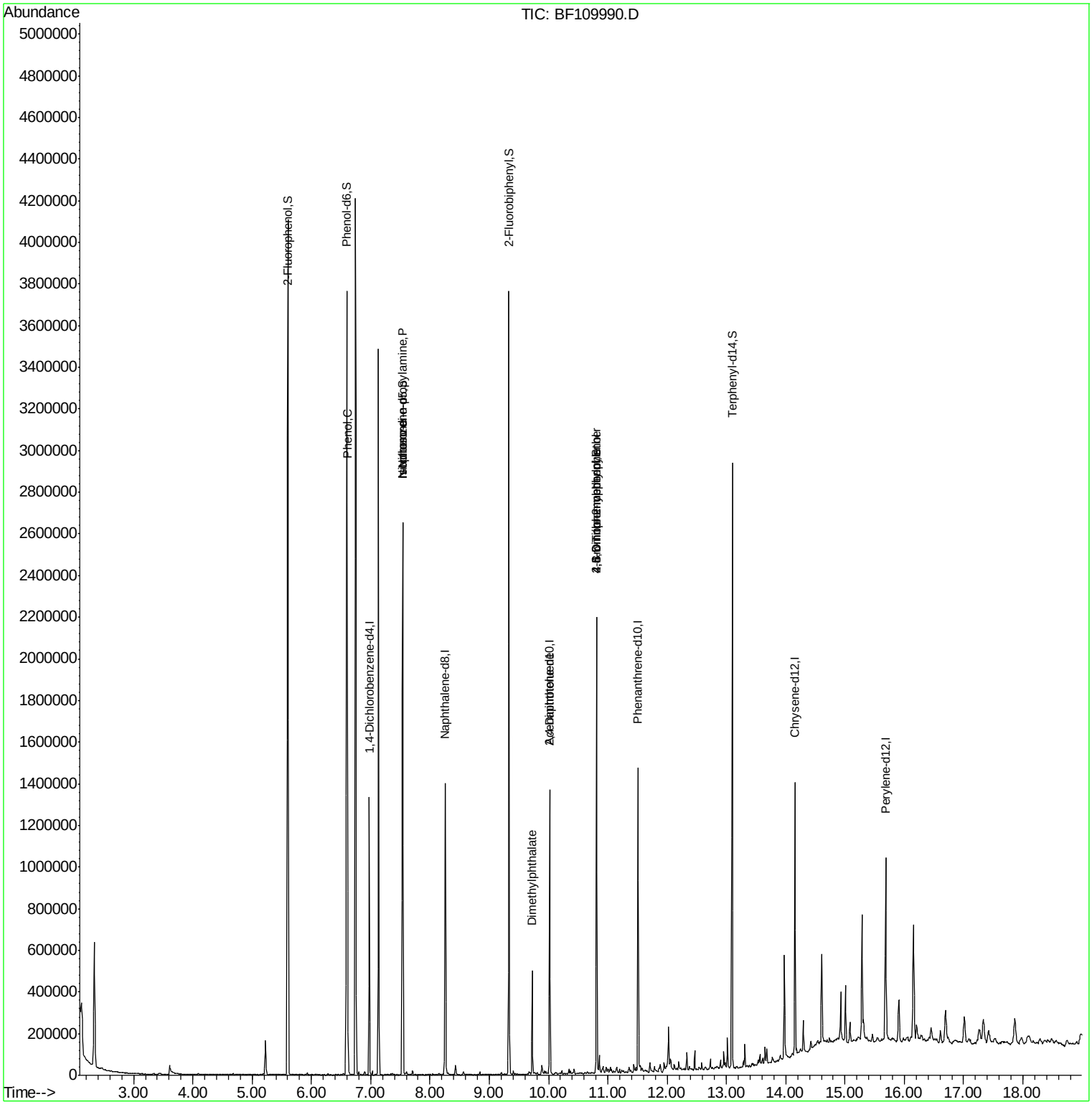
(#) = qualifier out of range (m) = manual integration (+) = signals summed

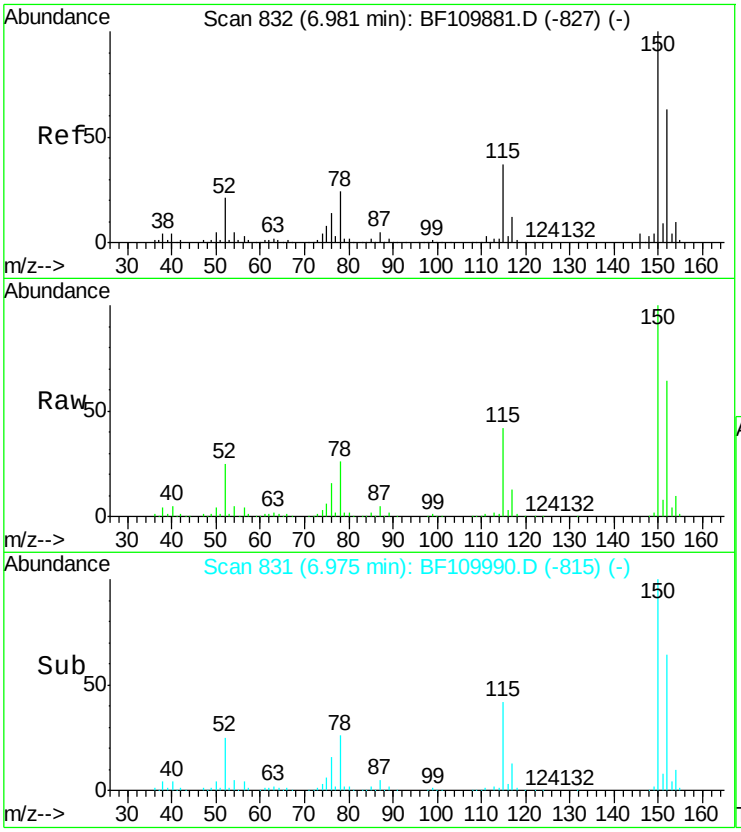
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
Data File : BF109990.D
Acq On : 19 Oct 2018 5:34
Operator : JU/SJ
Sample : J5565-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Quant Time: Oct 19 10:31:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



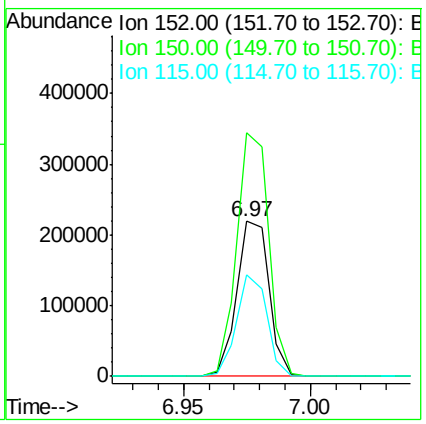


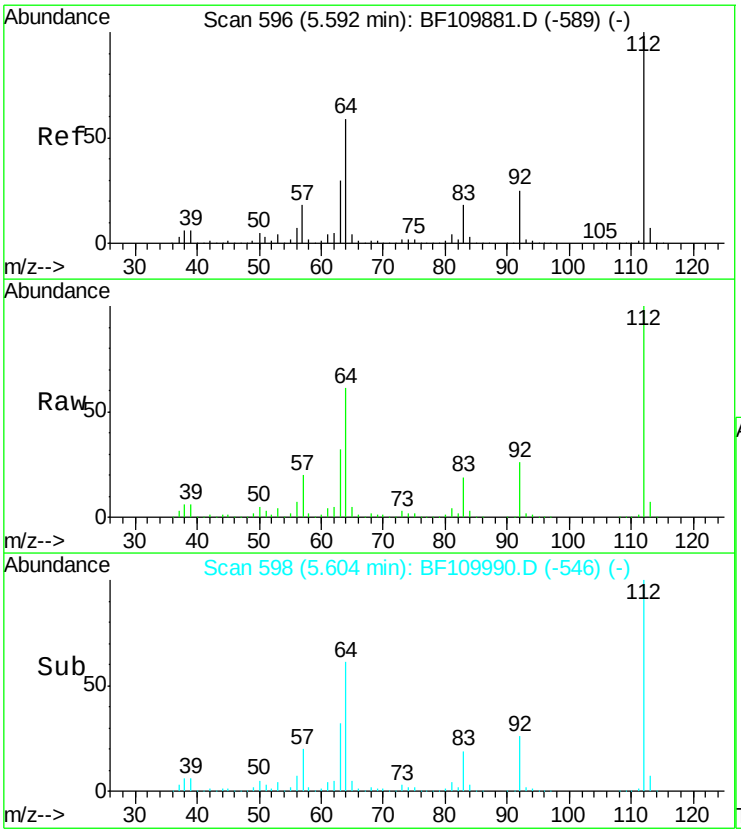
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion:152 Resp: 193182

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	65.5	49.1	73.7

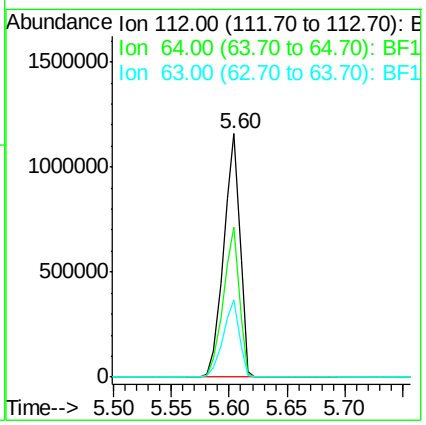


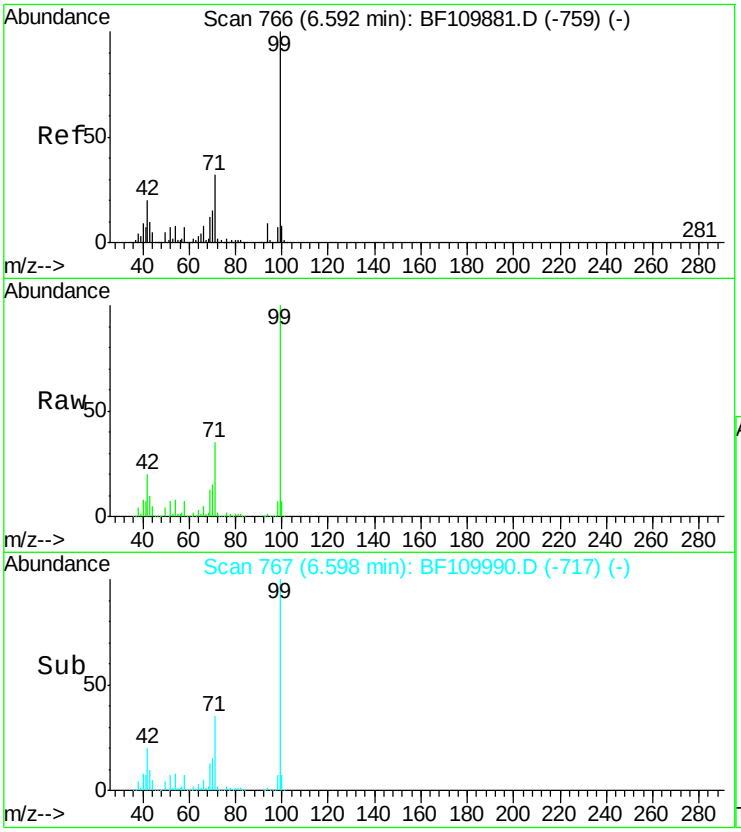


#5
2-Fluorophenol
Concen: 92.428 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:112 Resp: 1126425

Ion	Ratio	Lower	Upper
112	100		
64	61.5	44.1	66.1
63	32.0	23.7	35.5



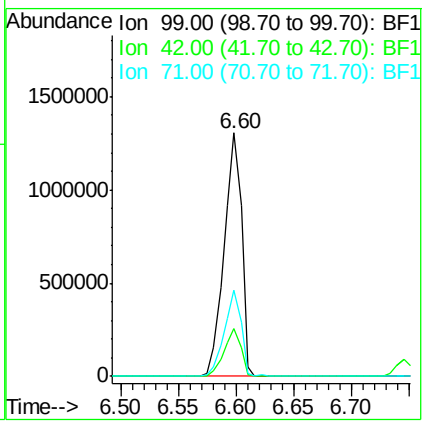


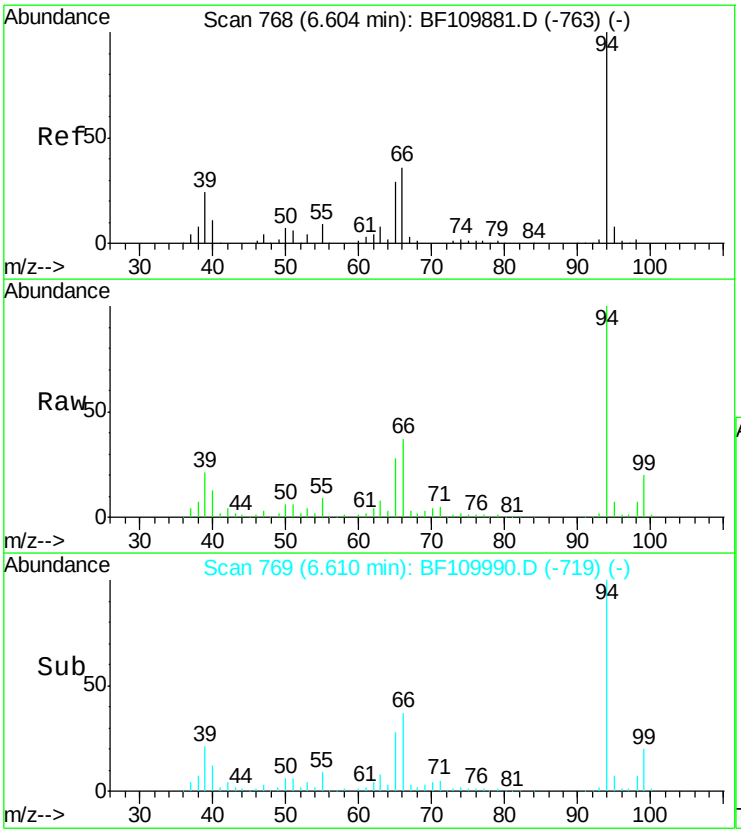
#7
Phenol-d6
Concen: 90.102 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion: 99 Resp: 1363531

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.2	28.0	42.0

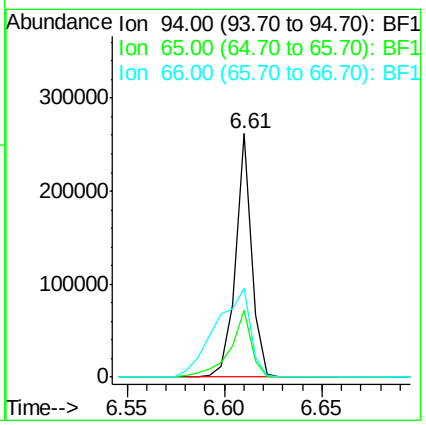


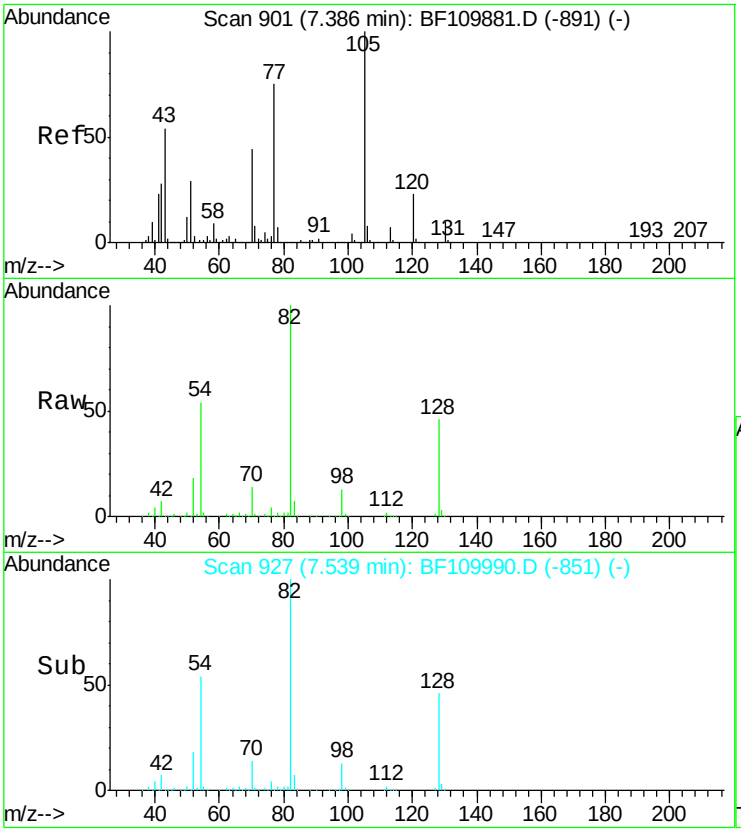


#10
Phenol
Concen: 9.168 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion: 94 Resp: 149797

Ion	Ratio	Lower	Upper
94	100		
65	27.7	25.3	65.3
66	36.5	54.5	94.5#



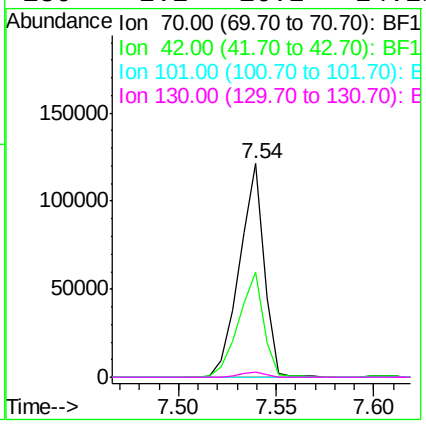


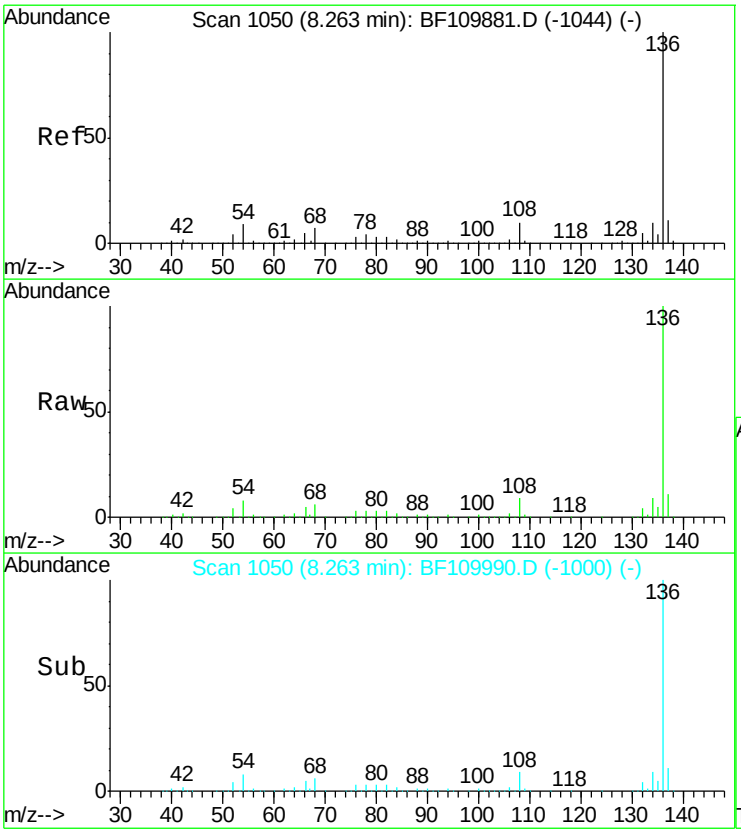
#19
n-Nitroso-di-n-propylamine
Concen: 10.940 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion: 70 Resp: 106297

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

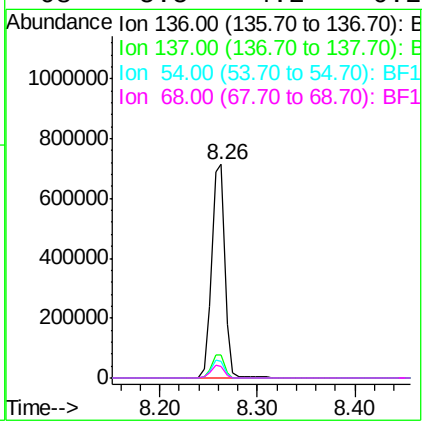


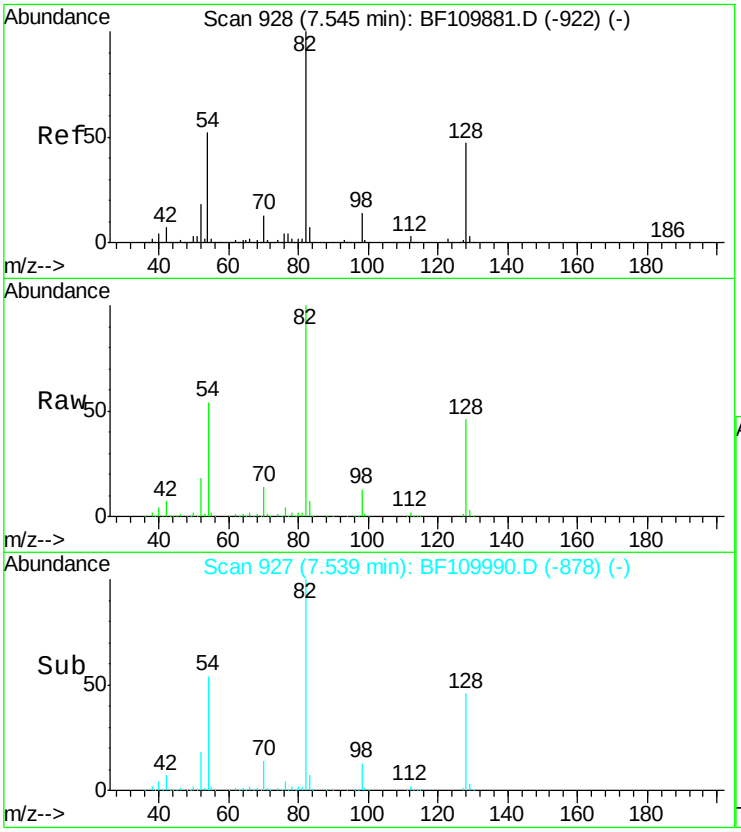


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:136 Resp: 672583

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	5.4	8.2
68	5.5	4.2	6.2



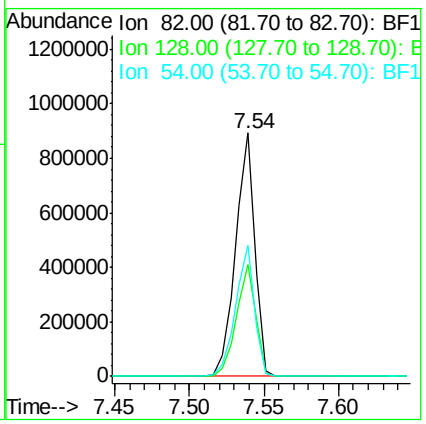


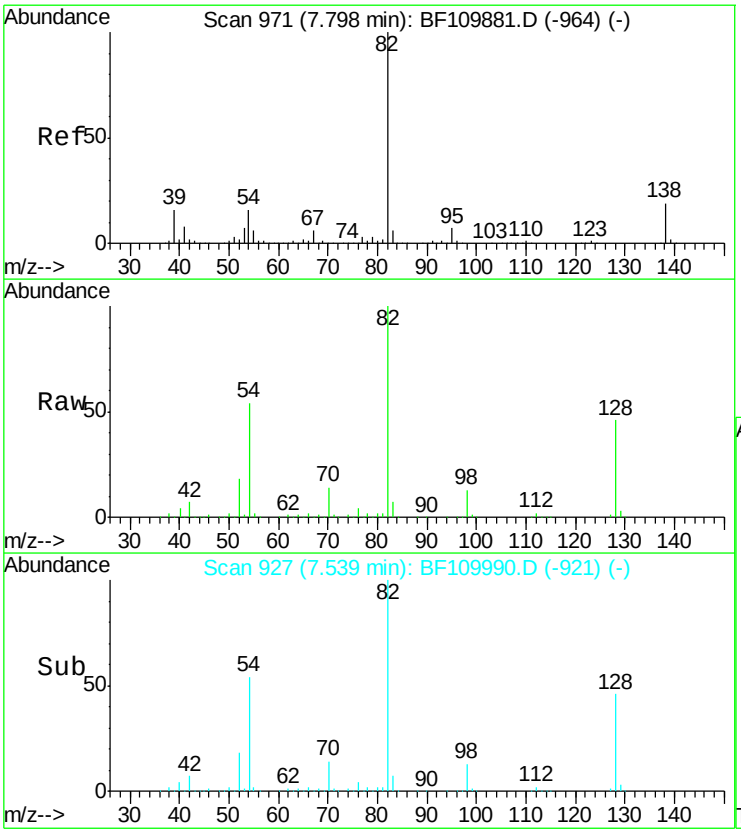
#23
Nitrobenzene-d5
Concen: 81.016 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion: 82 Resp: 808888

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	53.6	38.6	58.0

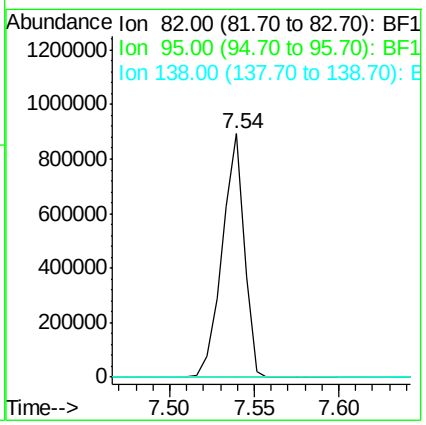


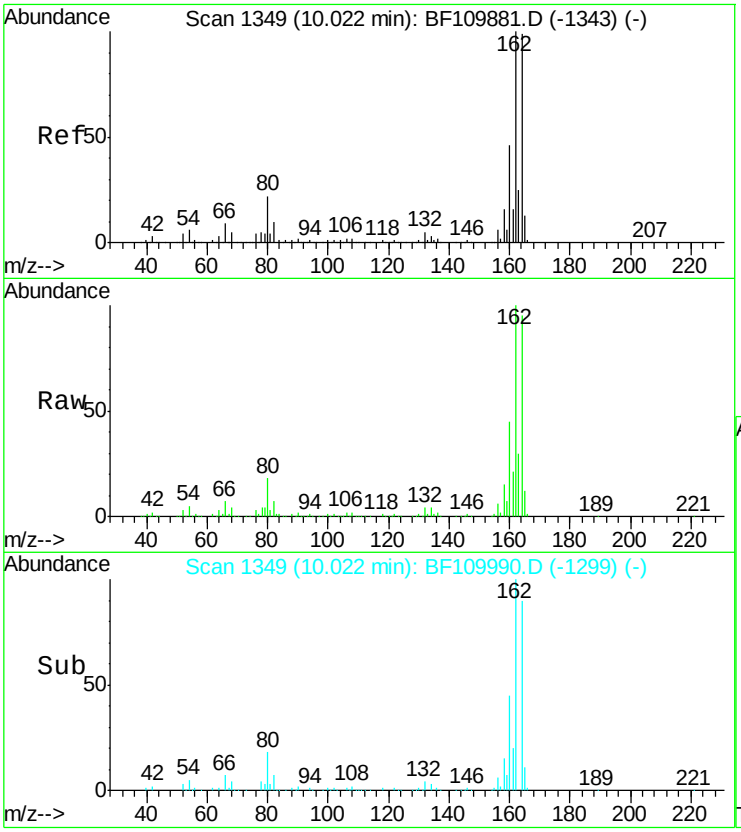


#25
Isophorone
Concen: 41.104 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion: 82 Resp: 806380

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



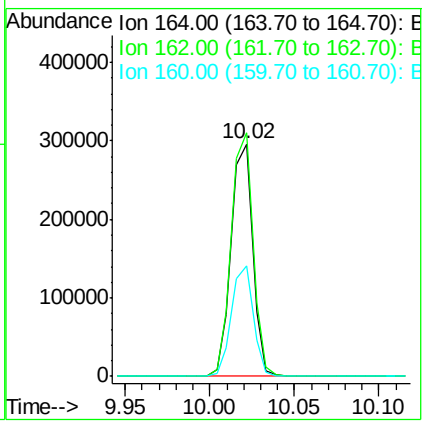


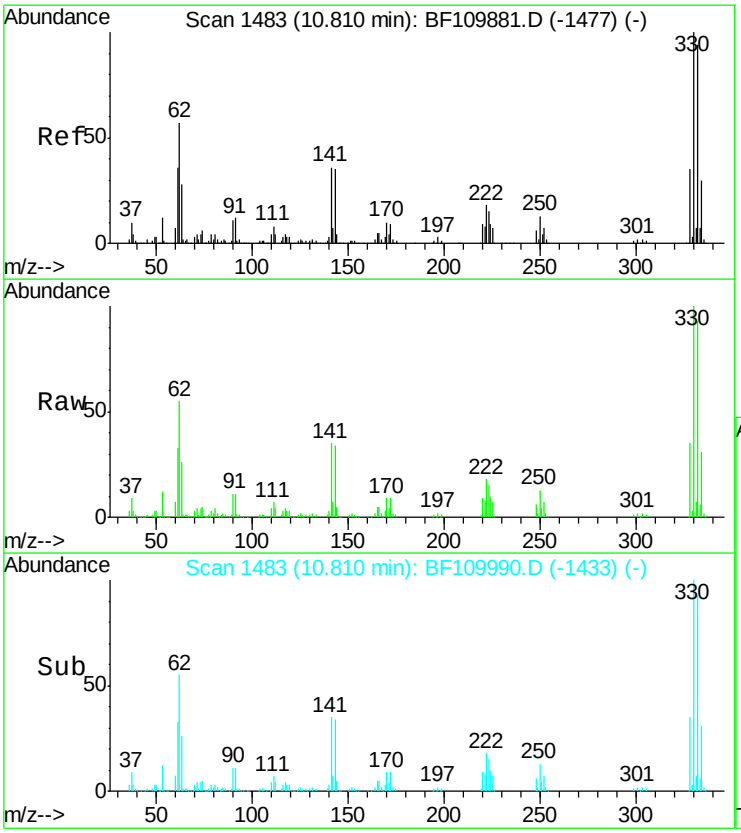
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion:164 Resp: 264036

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.6
160	47.3	37.0	55.6

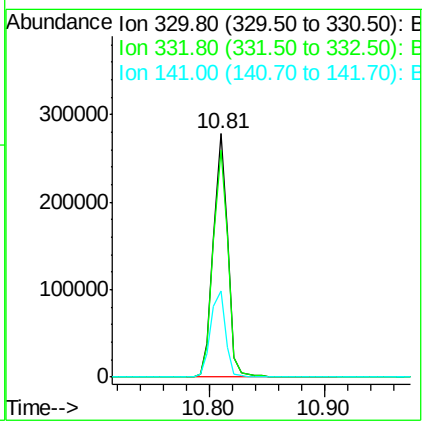


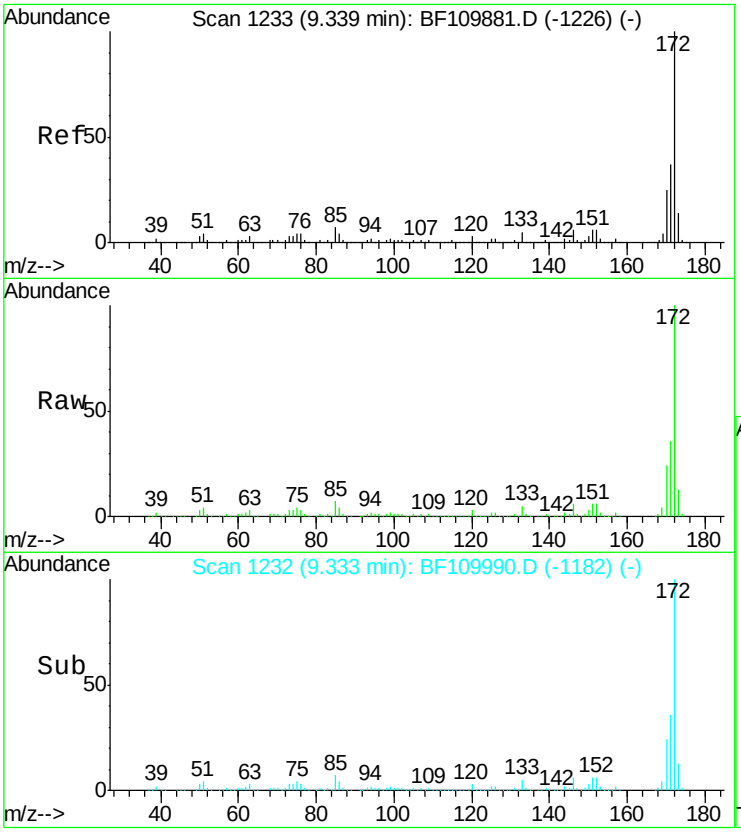


#42
2,4,6-Tribromophenol
Concen: 105.378 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:330 Resp: 240890

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	37.0	27.0	40.4



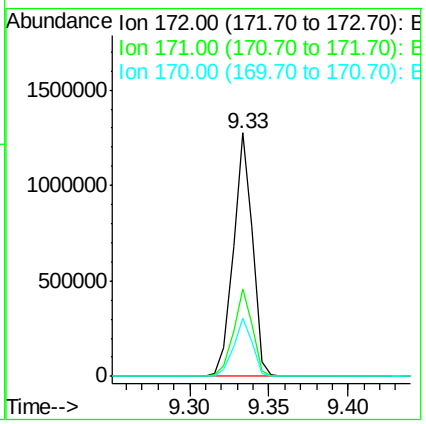


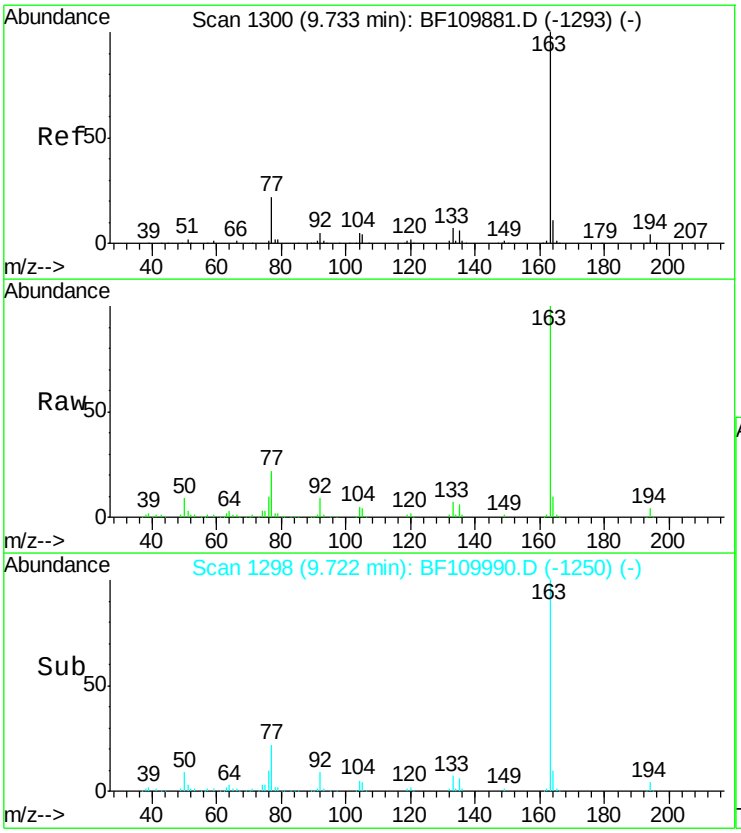
#45
2-Fluorobiphenyl
Concen: 64.227 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion:172 Resp: 1062772

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	19.7	29.5

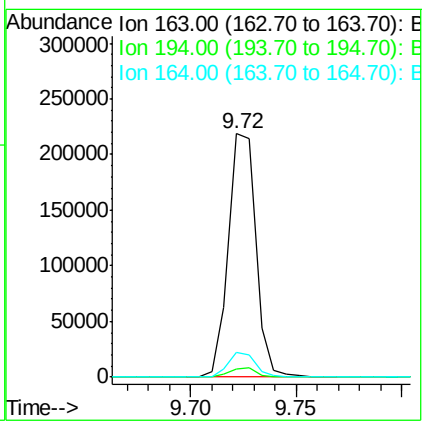


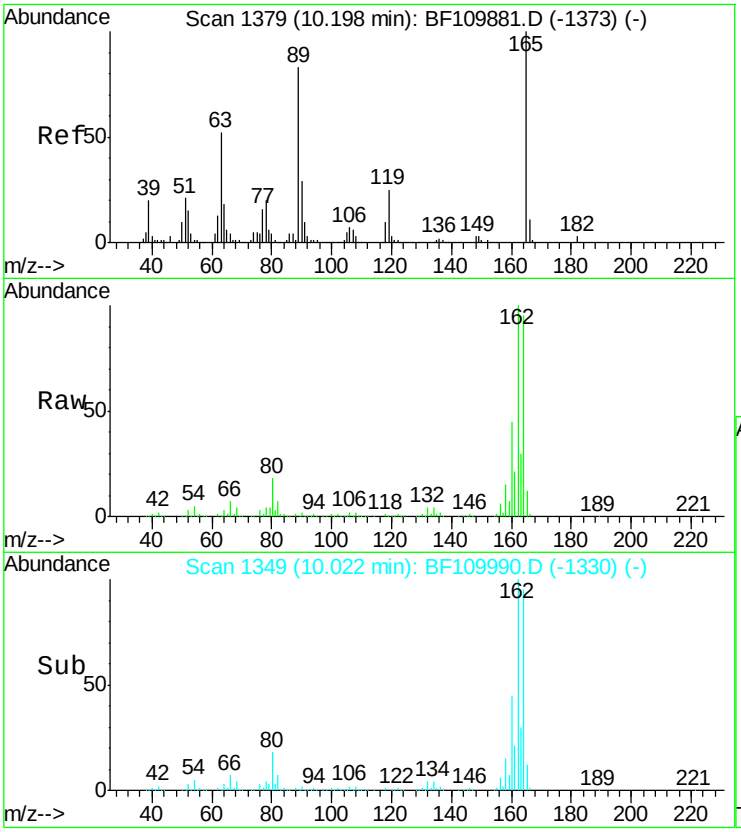


#50
Dimethylphthalate
Concen: 10.466 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:163 Resp: 195675

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.4	8.1	12.1



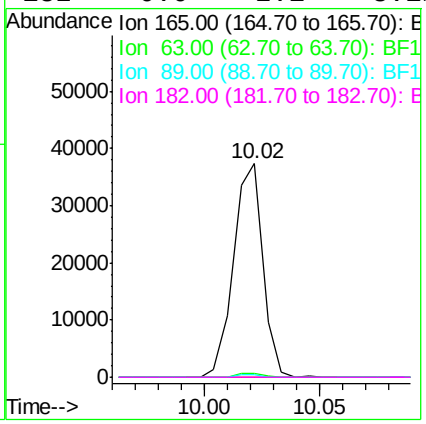


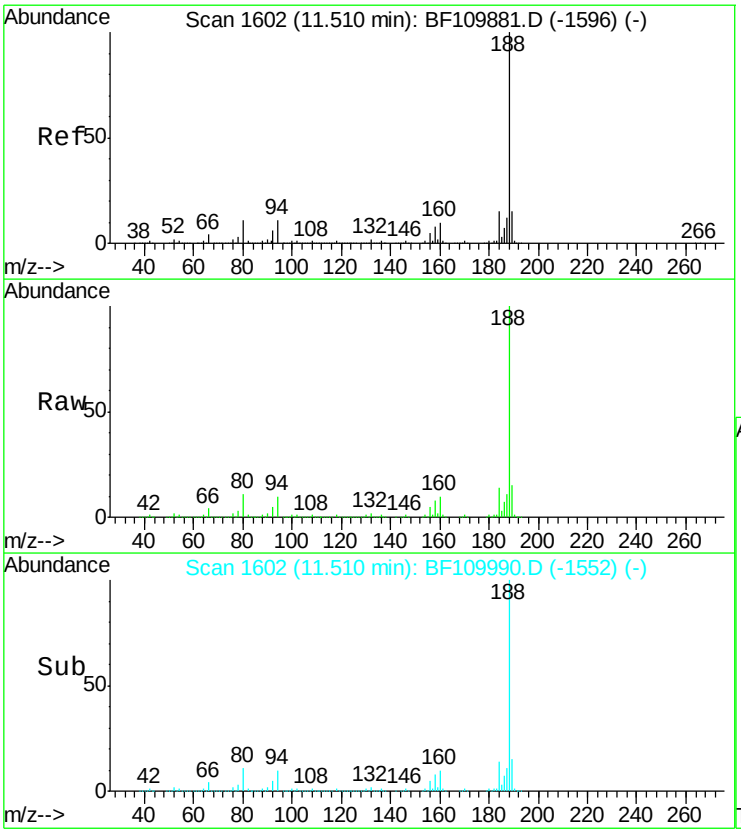
#57
2,4-Dinitrotoluene
Concen: 11.271 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.19 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion:165 Resp: 33168

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#

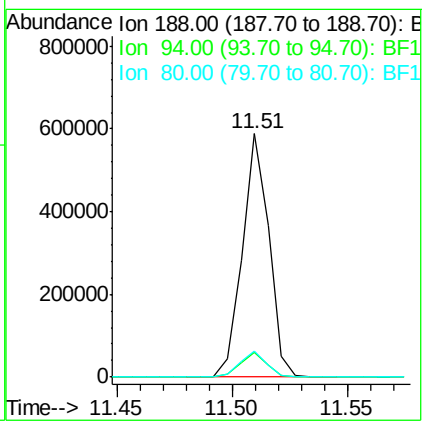


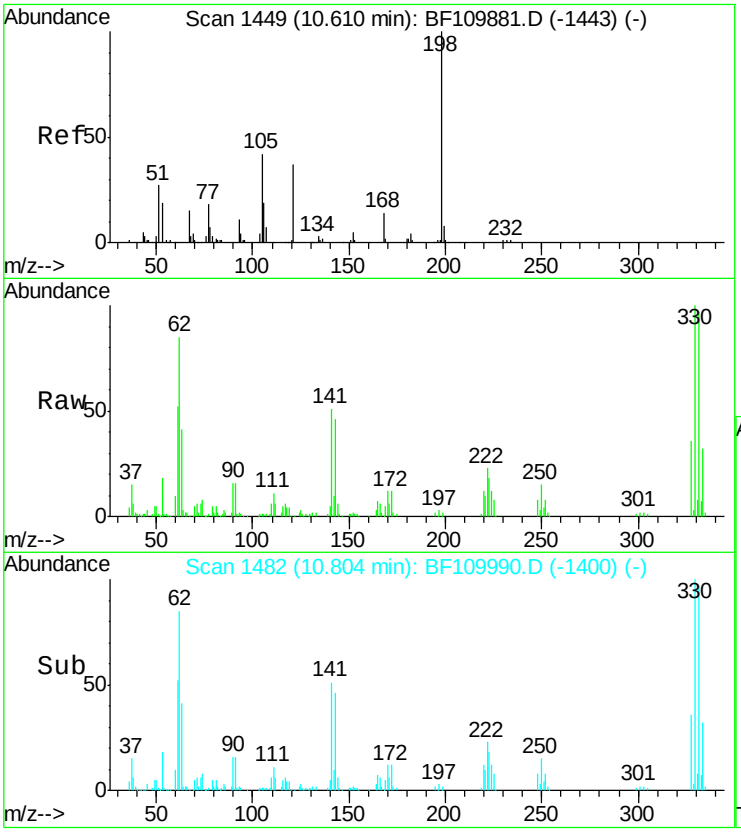


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:188 Resp: 473454

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	10.8	7.9	11.9



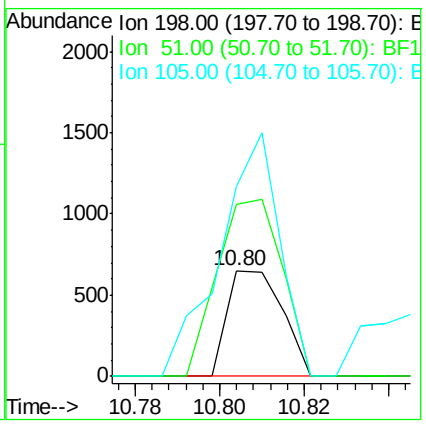


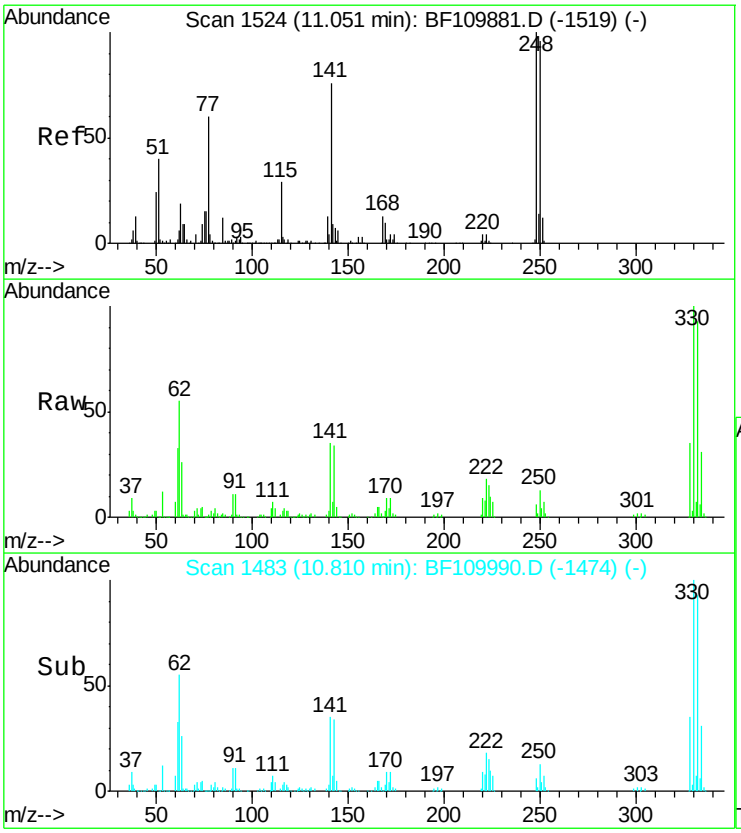
#65
4,6-Dinitro-2-methylphenol
Concen: 8.191 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion:198 Resp: 588

Ion	Ratio	Lower	Upper
198	100		
51	162.3	22.8	62.8#
105	179.6	23.6	63.6#

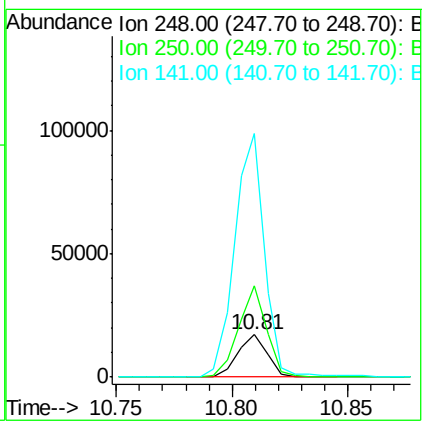


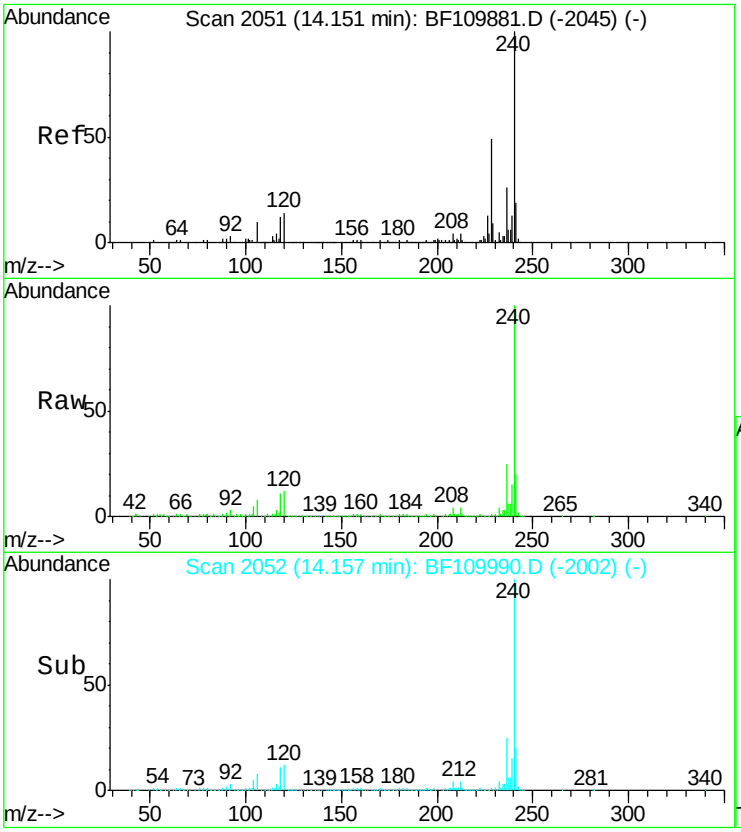


#67
4-Bromophenyl-phenylether
Concen: 2.962 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:248 Resp: 15198

Ion	Ratio	Lower	Upper
248	100		
250	215.0	79.4	119.2#
141	571.5	55.9	83.9#



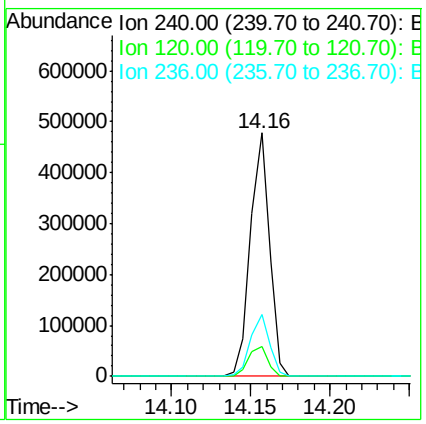


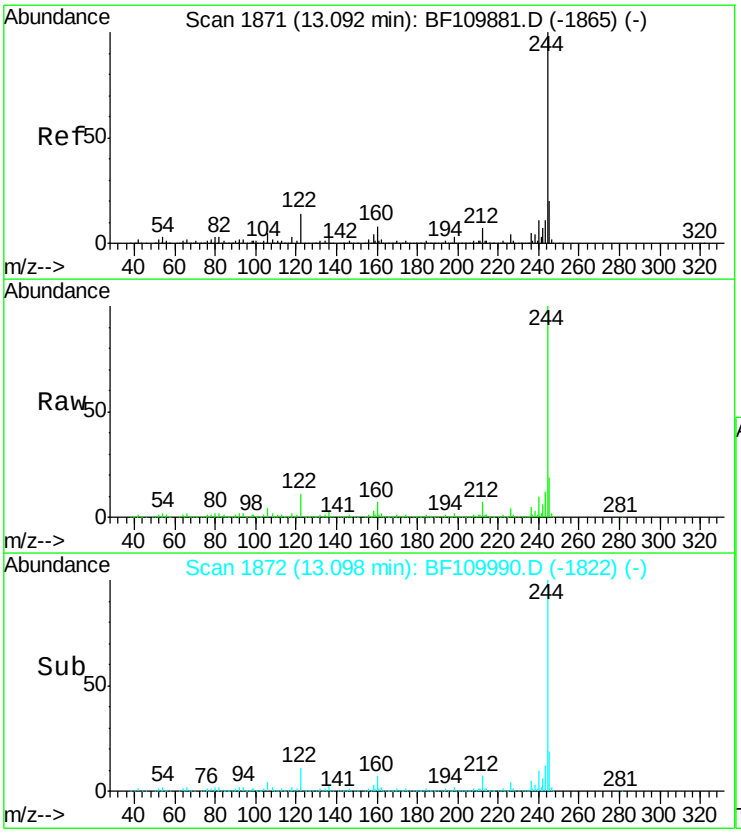
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion:240 Resp: 400367

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.3	21.2	31.8

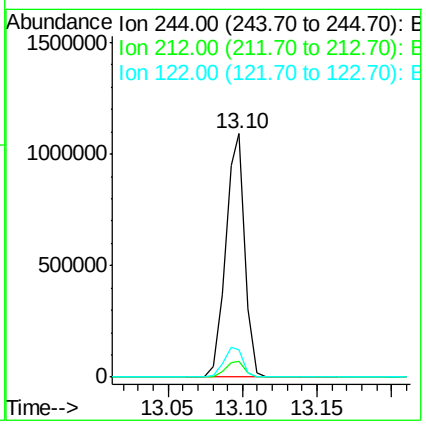


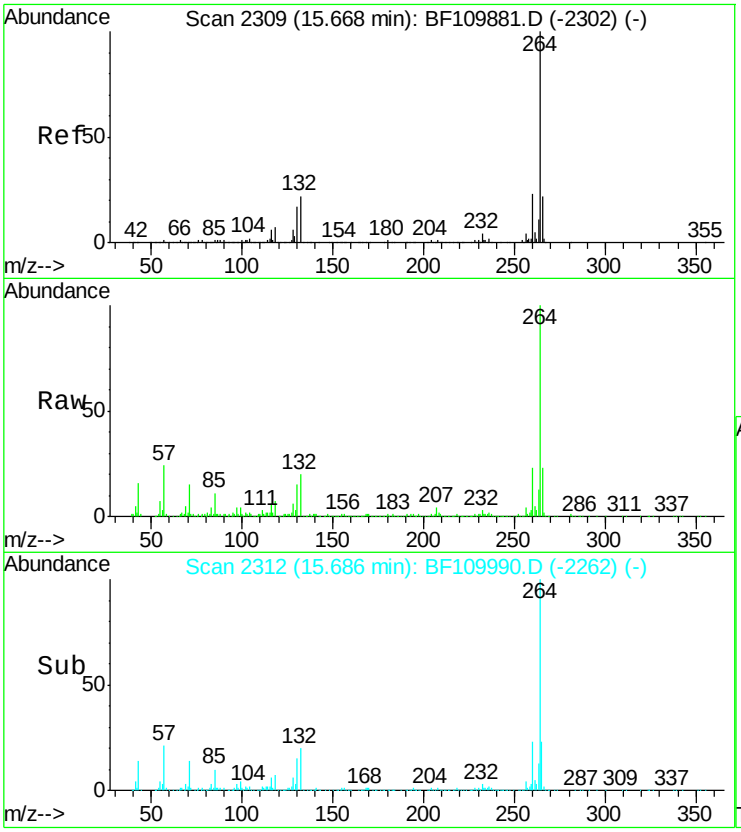


#79
Terphenyl-d14
Concen: 51.675 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:244 Resp: 985225

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.1	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tgt Ion:264 Resp: 287123

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.8	16.7	25.1