Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110025.D
Acq On : 20 Oct 2018 2:26
Operator : JU/SJ
Sample : J5593-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 04:02:31 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	189466	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	751834	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	325703	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	515071	20.00	ng	0.00
76) Chrysene-d12	14.14	240	358591	20.00	ng	0.00
87) Perylene-d12	15.67	264	298463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	411770	34.45	ng	0.00
7) Phenol-d6	6.58	99	304348	20.51	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1062189	95.17	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	212881	75.49	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1804068	88.38	ng	0.00
79) Terphenyl-d14	13.09	244	1256311	73.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	140839	14.779	ng	# 79
25) Isophorone	7.53	82	1062355	48.443	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	40734	9.299	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	40734	11.242	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	419	8.092	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	13700	2.454	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 2:26
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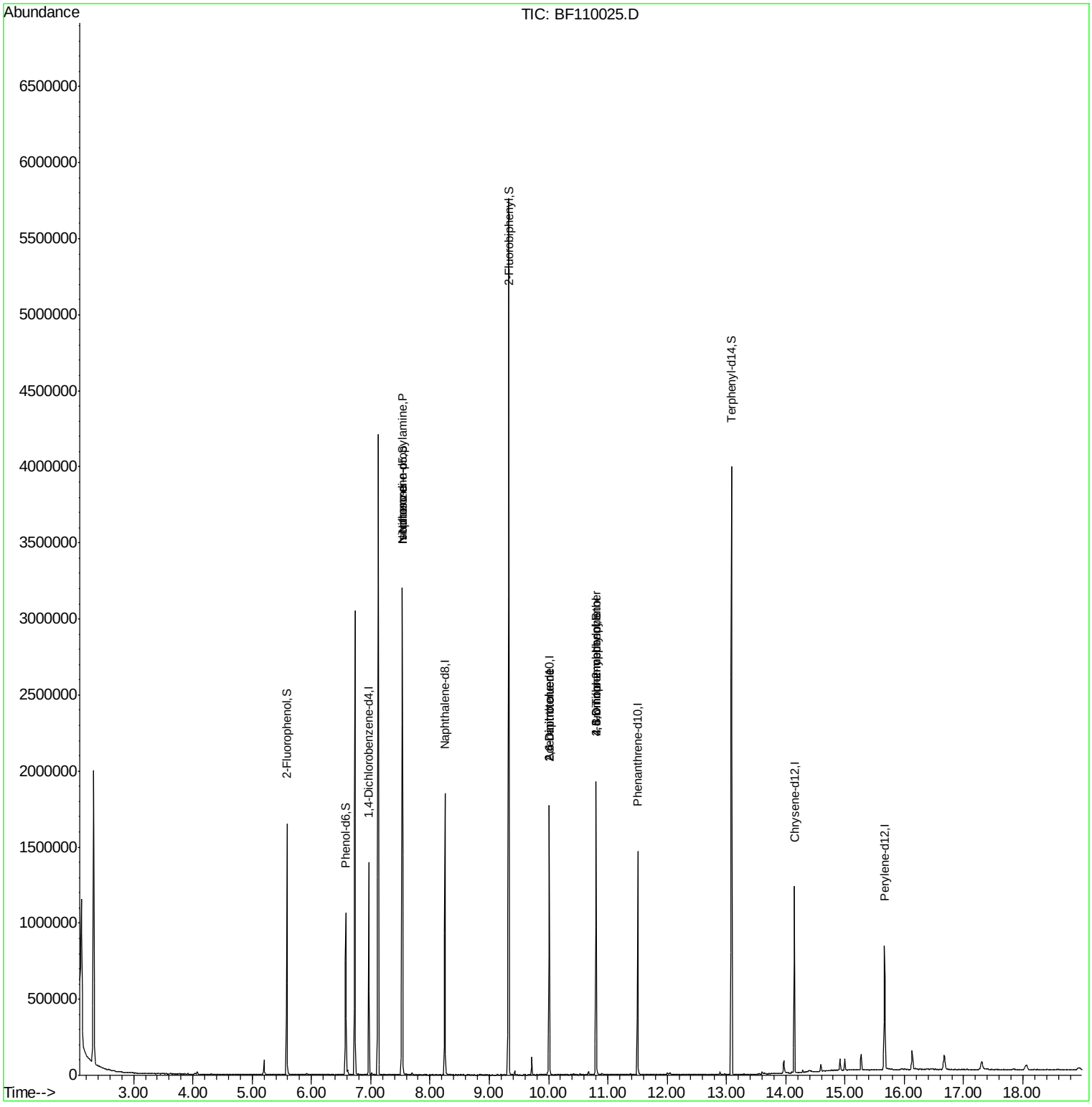
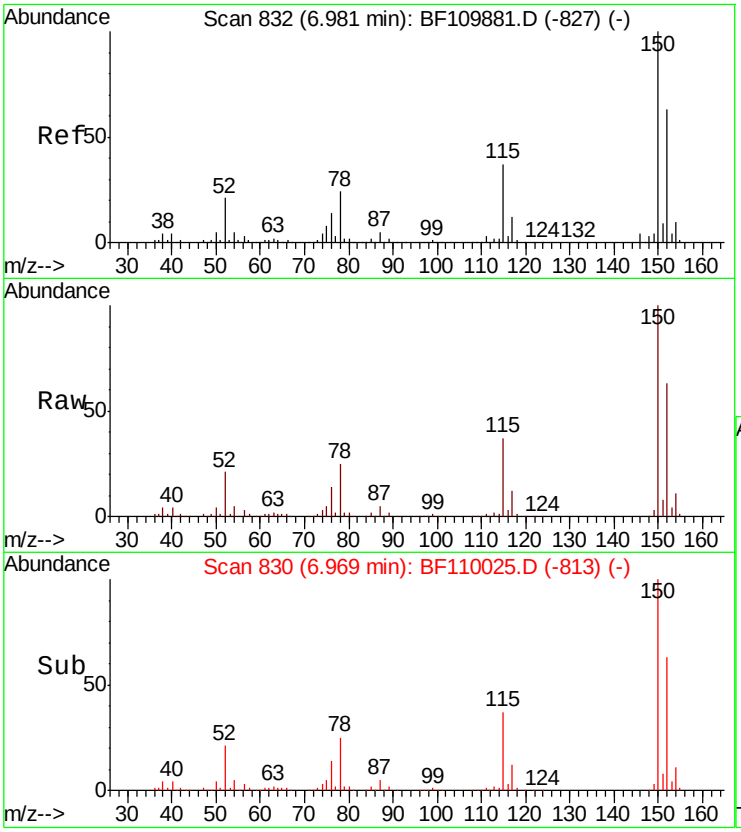
Sample : J5593-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 20 04:02:31 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



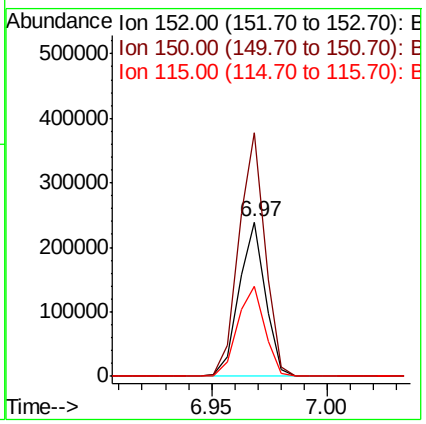


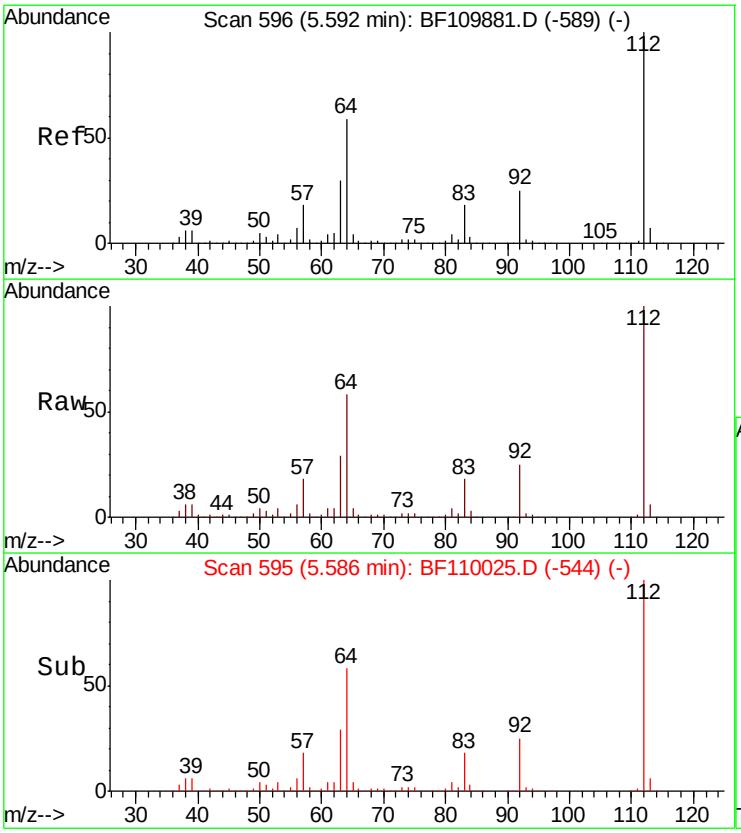
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 189466

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	58.4	49.1	73.7

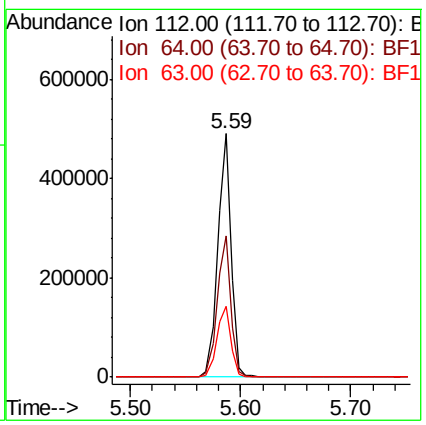


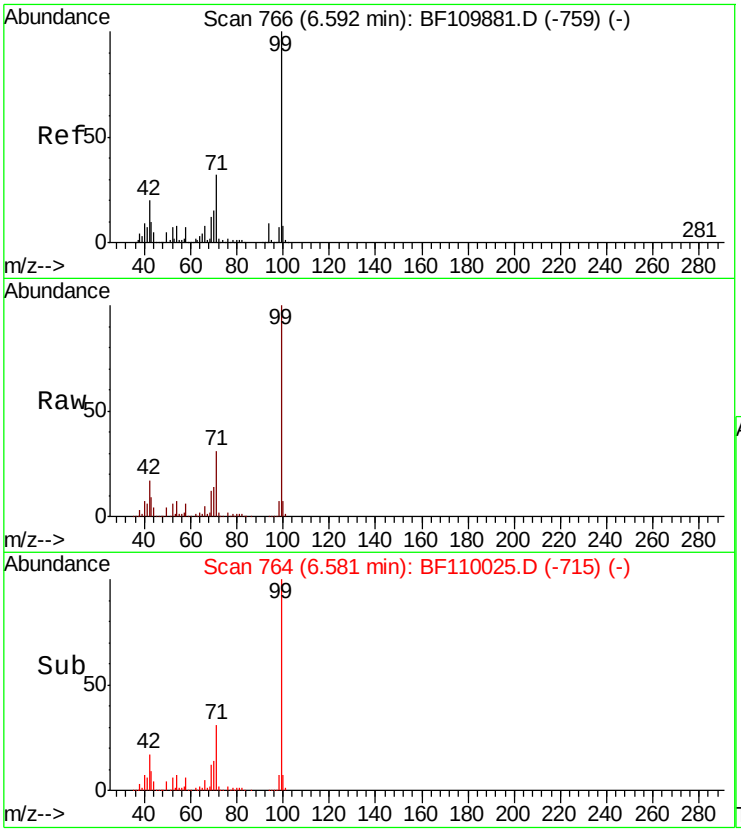


#5
2-Fluorophenol
Concen: 34.450 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion:112 Resp: 411770

Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.1	66.1
63	29.2	23.7	35.5



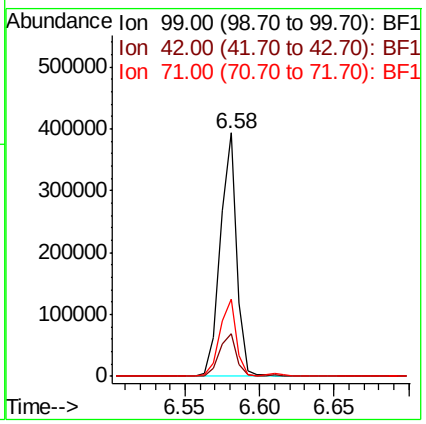


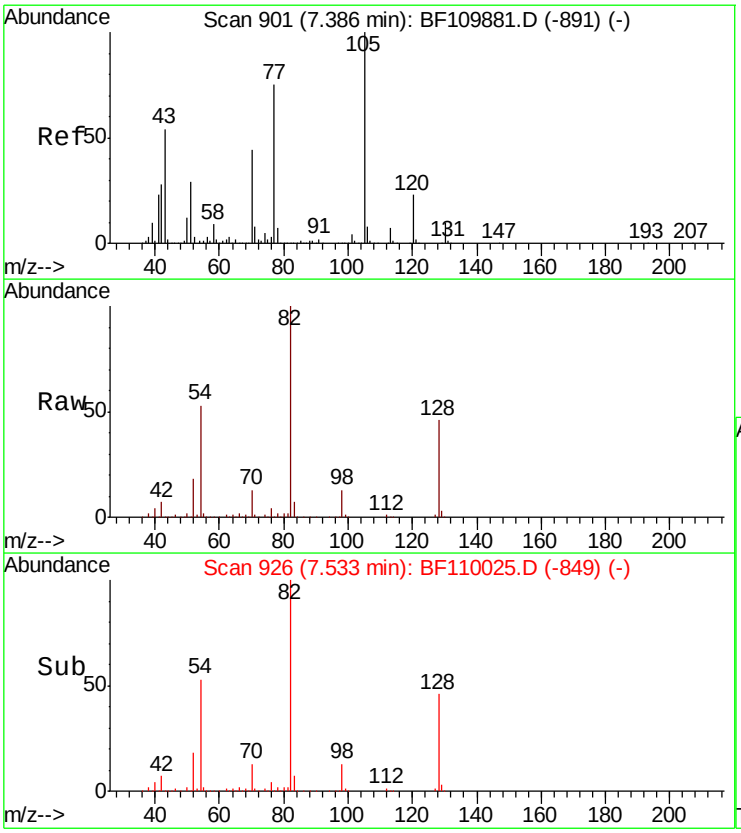
#7
Phenol-d6
Concen: 20.506 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 304348

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.8	23.6
71	31.5	28.0	42.0

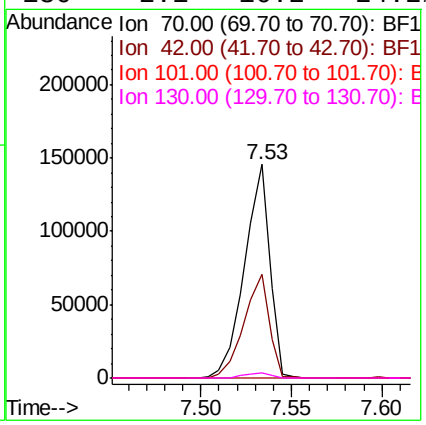


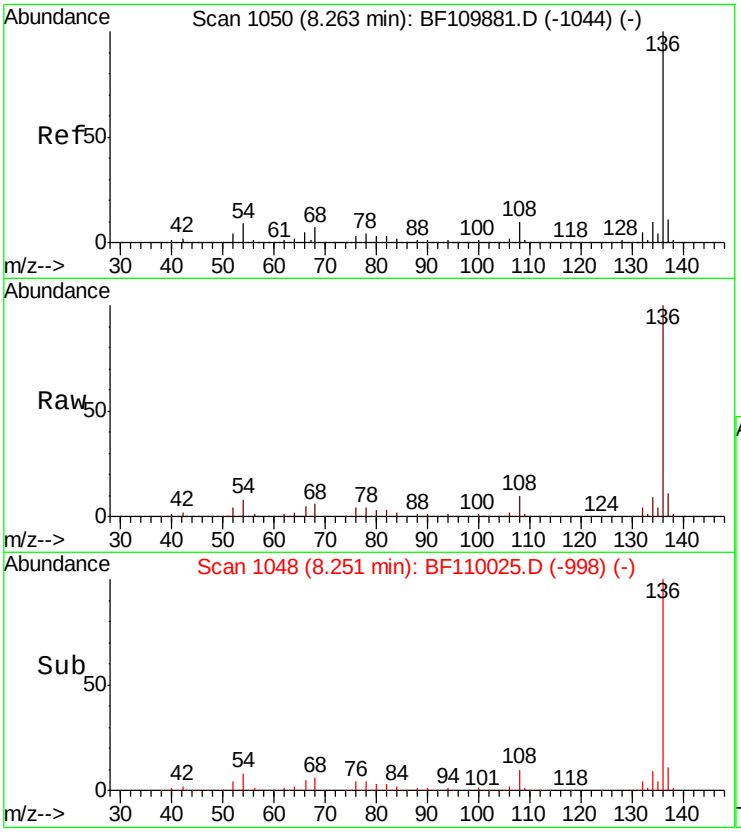


#19
n-Nitroso-di-n-propylamine
Concen: 14.779 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion: 70 Resp: 140839

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



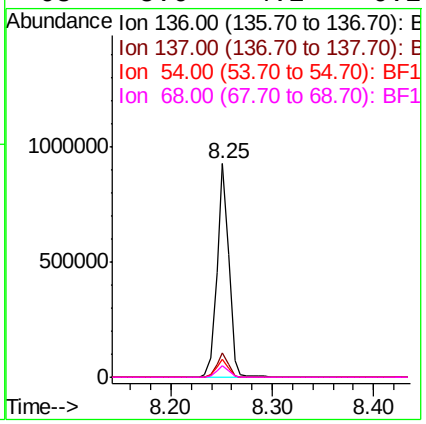


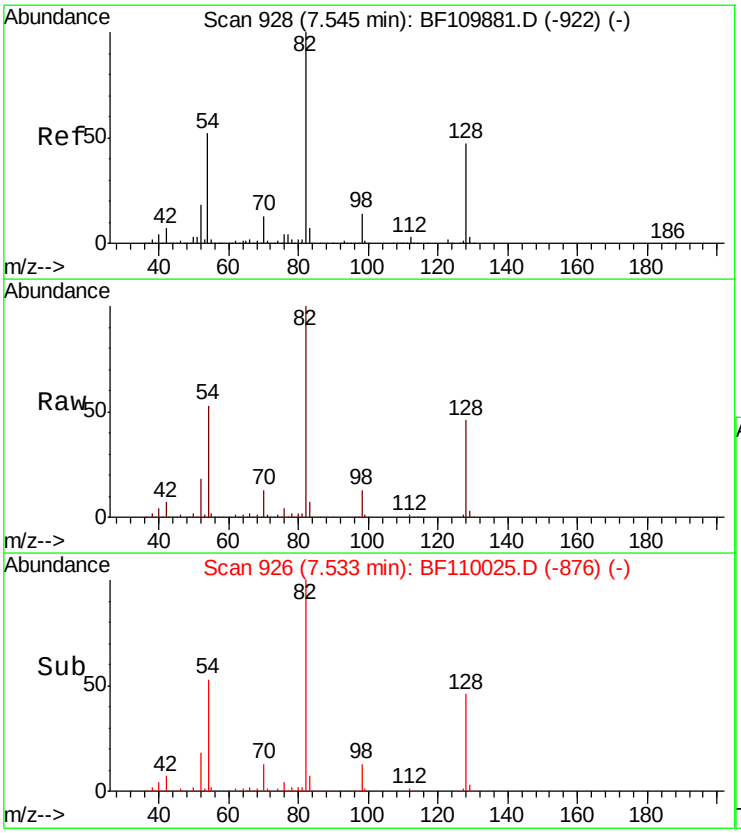
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 751834

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	5.4	8.2#
68	5.6	4.2	6.2

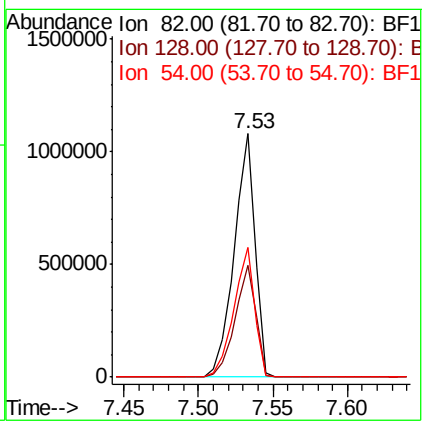


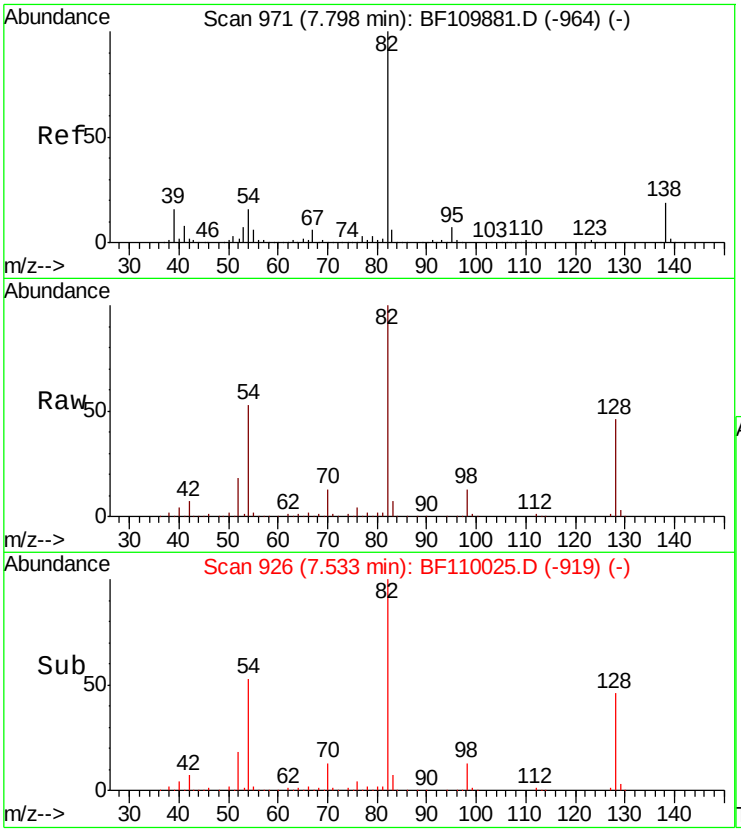


#23
Nitrobenzene-d5
Concen: 95.172 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion: 82 Resp: 1062189

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	53.4	38.6	58.0



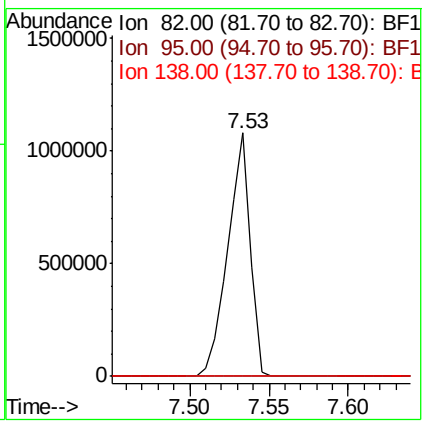


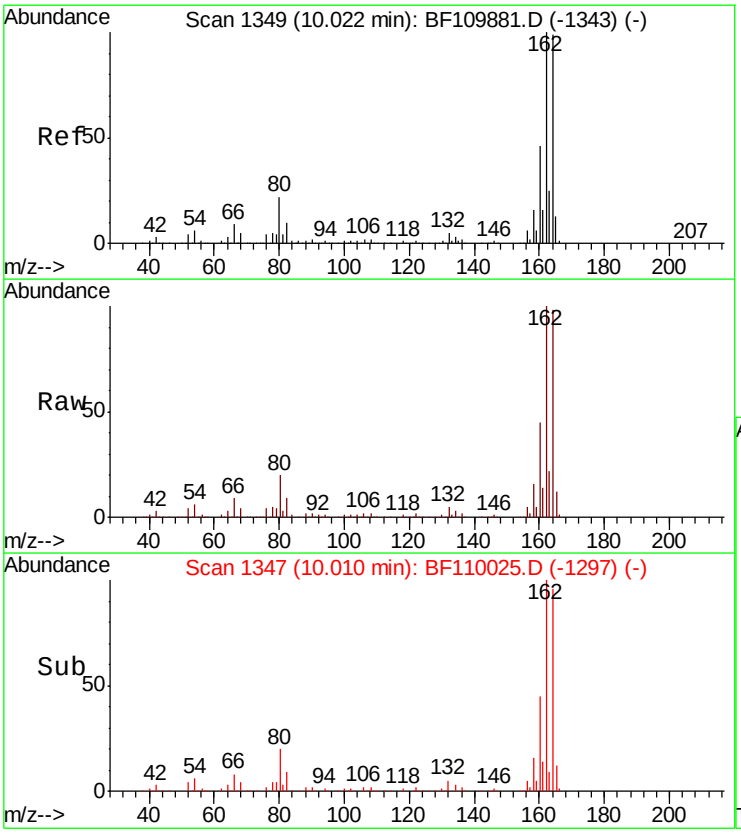
#25
Isophorone
Concen: 48.443 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1062355

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

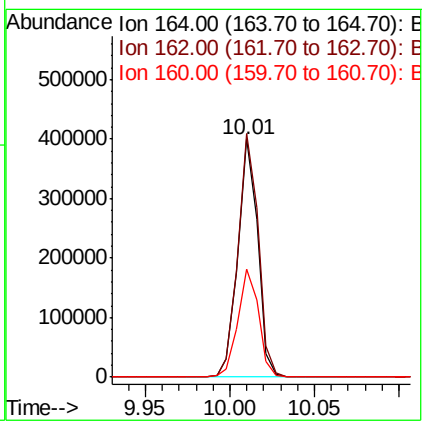


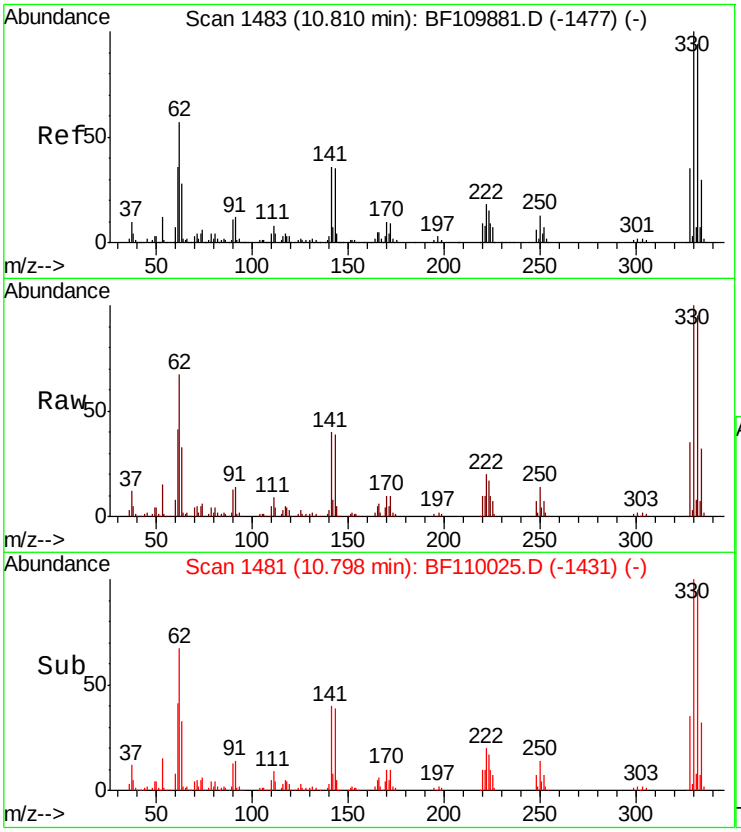


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion:164 Resp: 325703

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	45.6	37.0	55.6



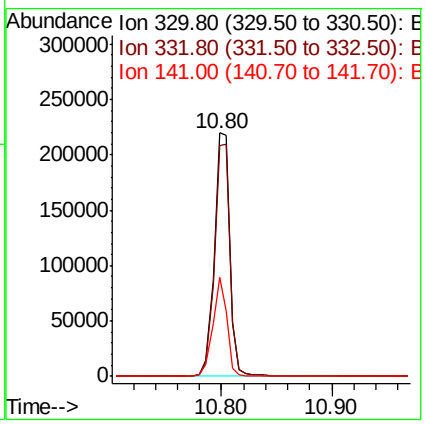


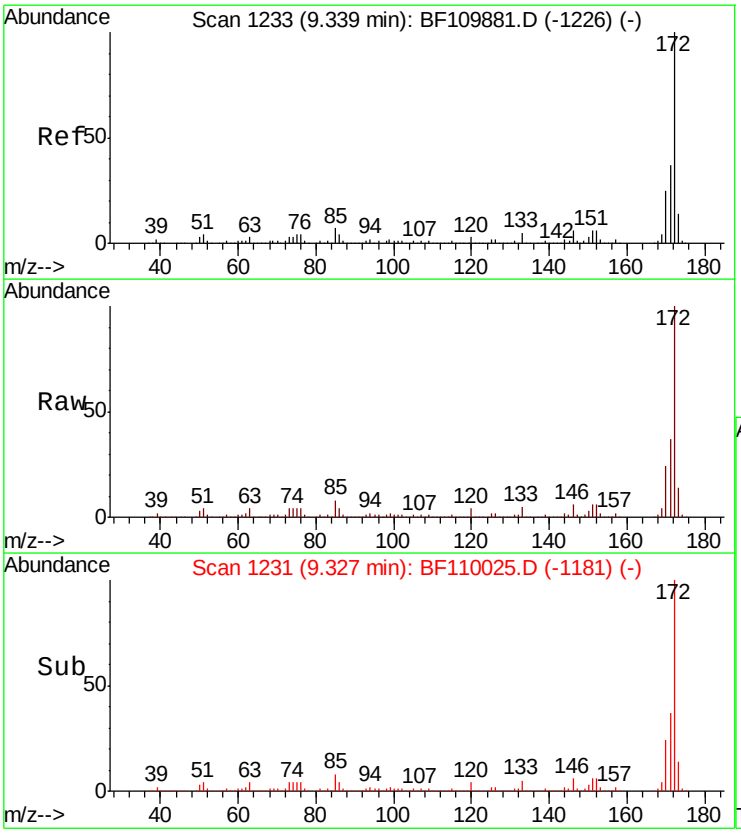
#42
2,4,6-Tribromophenol
Concen: 75.494 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 212881

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	36.1	27.0	40.4

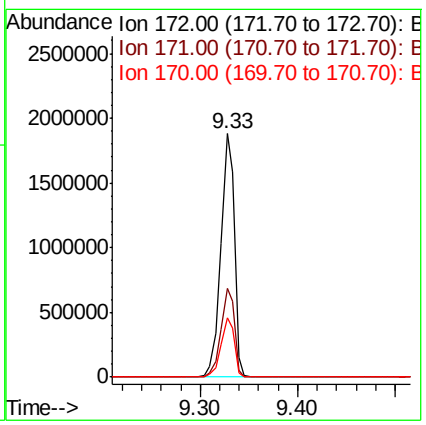


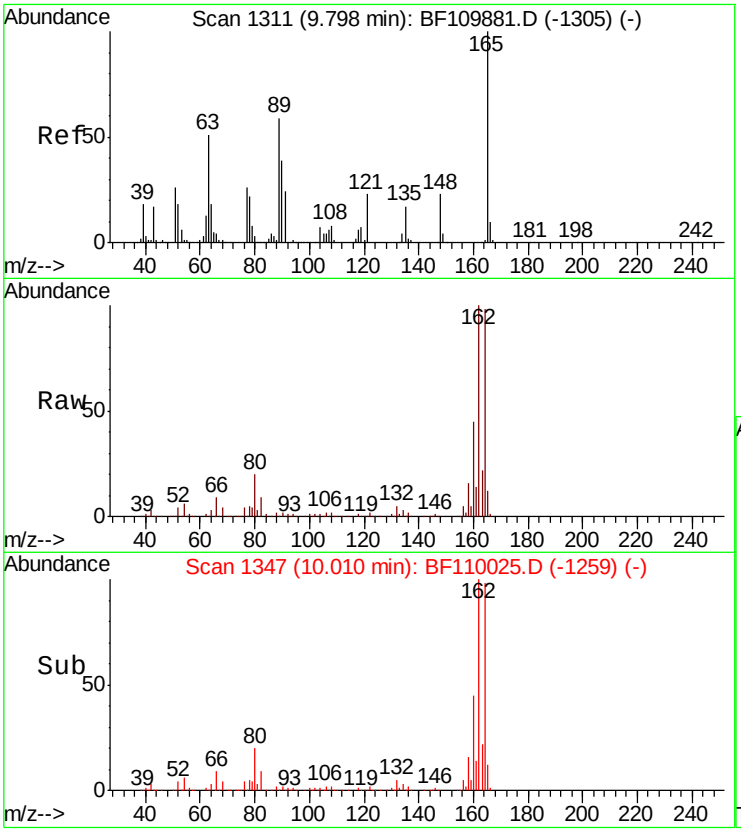


#45
2-Fluorobiphenyl
Concen: 88.383 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion:172 Resp: 1804068

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.3	19.7	29.5



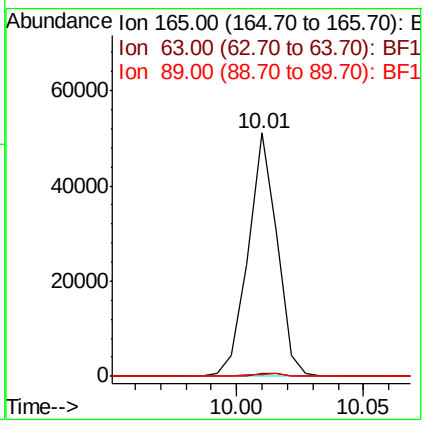


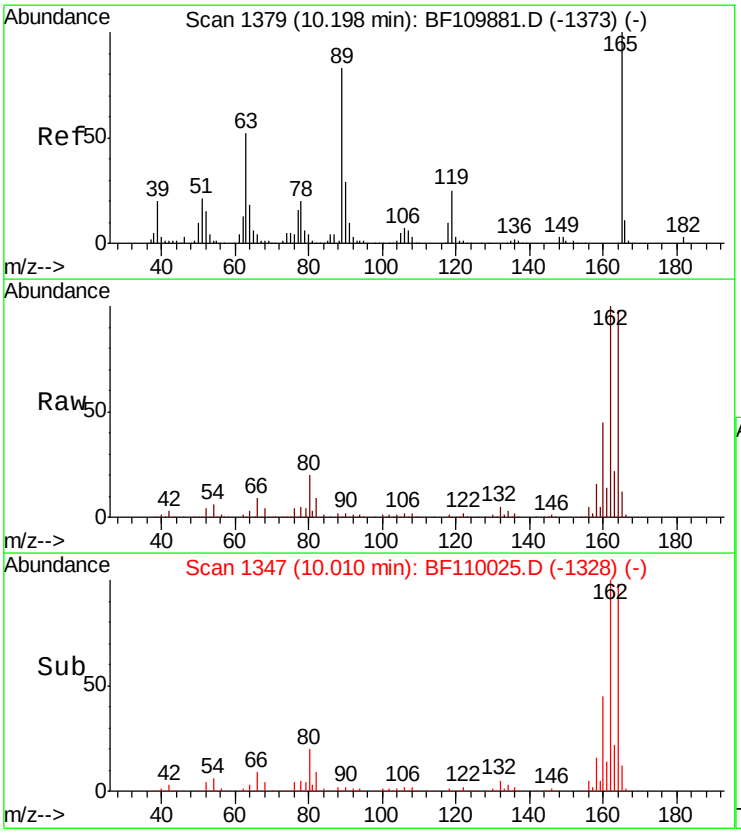
#51
2,6-Dinitrotoluene
Concen: 9.299 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40734

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	0.8	46.6	69.8#

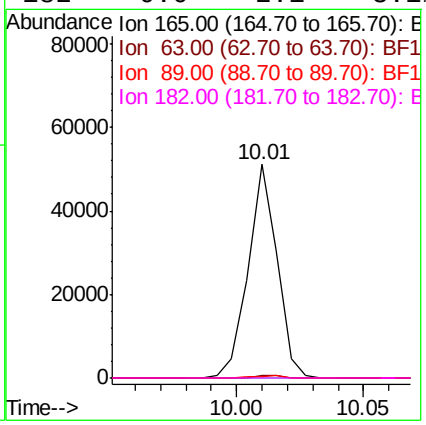


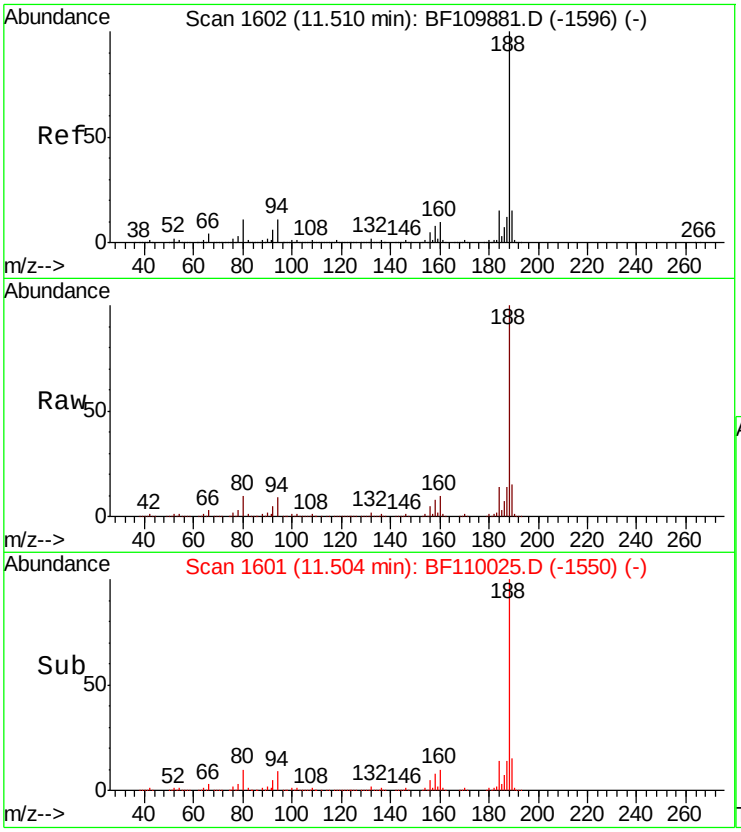


#57
2,4-Dinitrotoluene
Concen: 11.242 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion:165 Resp: 40734

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	0.8	62.2	93.4#
182	0.0	2.1	3.1#



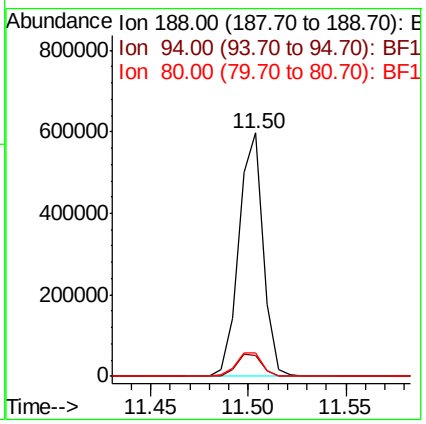


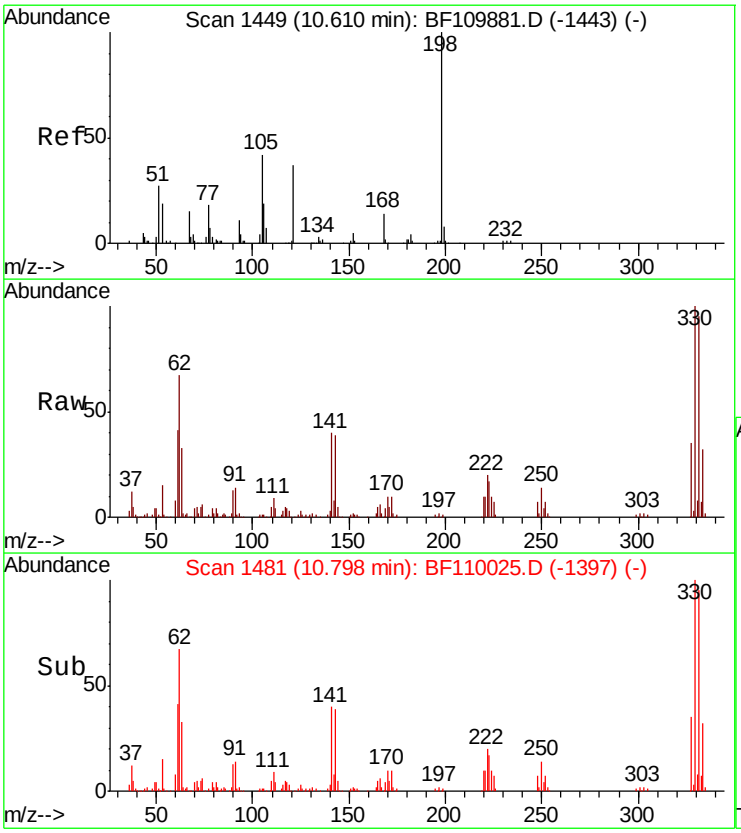
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 515071

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.6	7.9	11.9

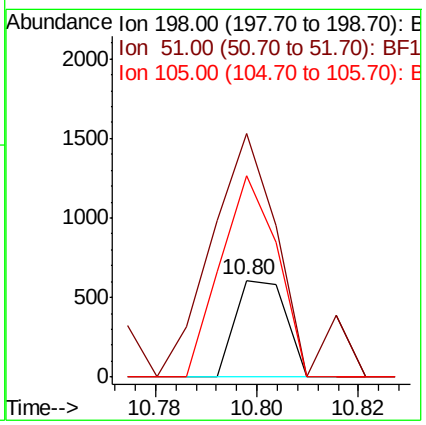


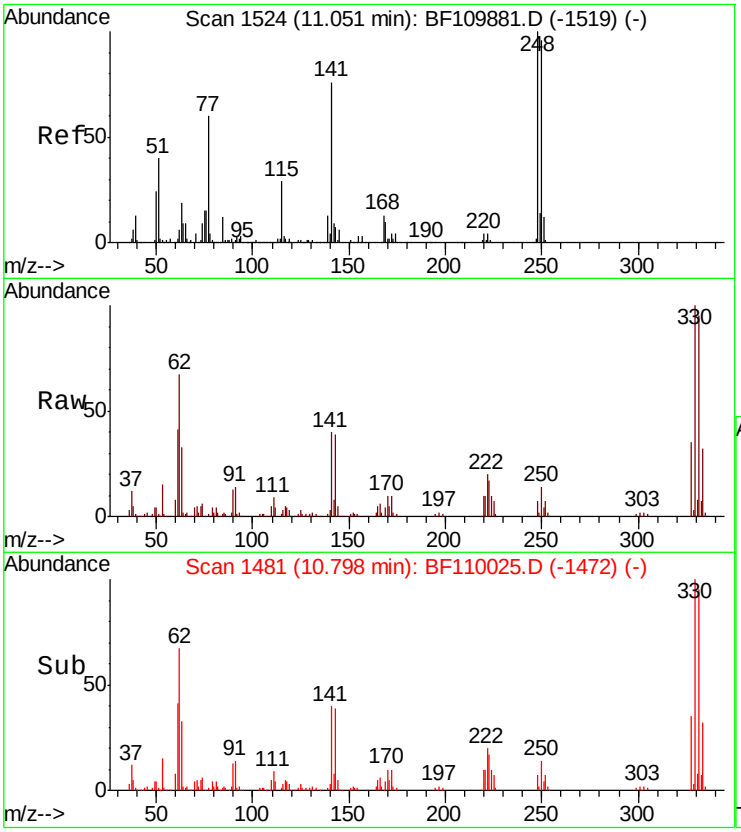


#65
4,6-Dinitro-2-methylphenol
Concen: 8.092 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.19 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion:198 Resp: 419

Ion	Ratio	Lower	Upper
198	100		
51	252.1	22.8	62.8#
105	208.4	23.6	63.6#



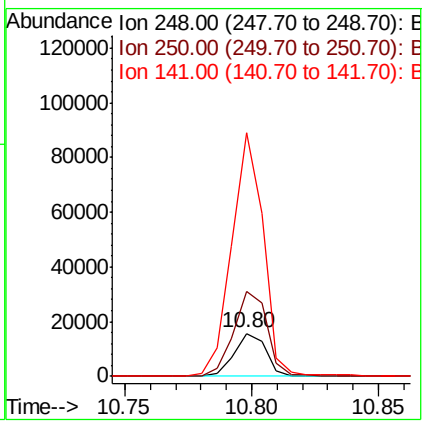


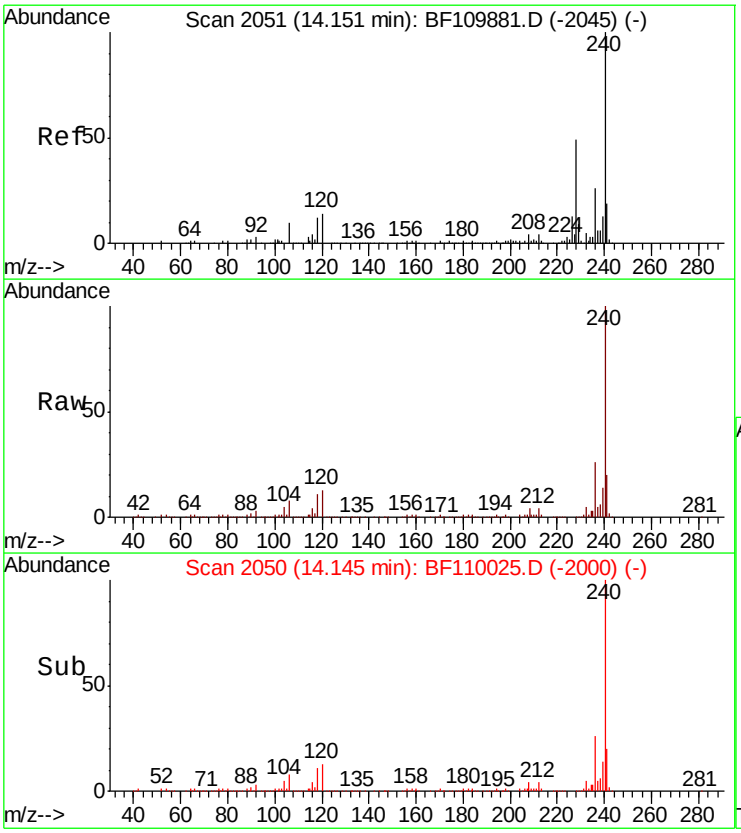
#67
4-Bromophenyl-phenylether
Concen: 2.454 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.25 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13700

Ion	Ratio	Lower	Upper
248	100		
250	197.4	79.4	119.2#
141	565.0	55.9	83.9#

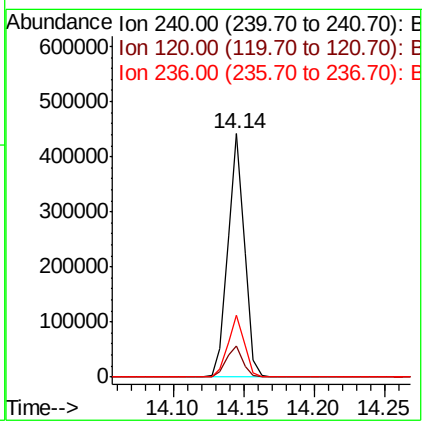


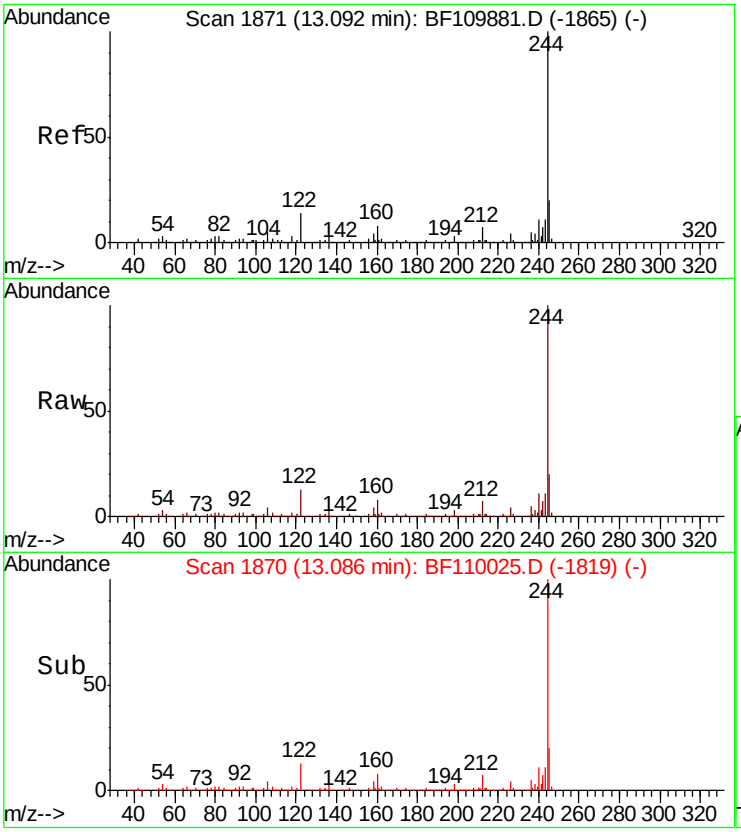


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion:240 Resp: 358591

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	25.5	21.2	31.8



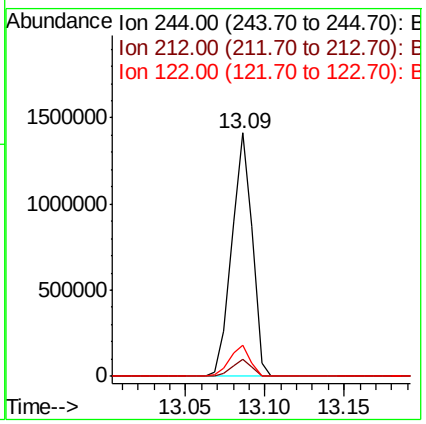


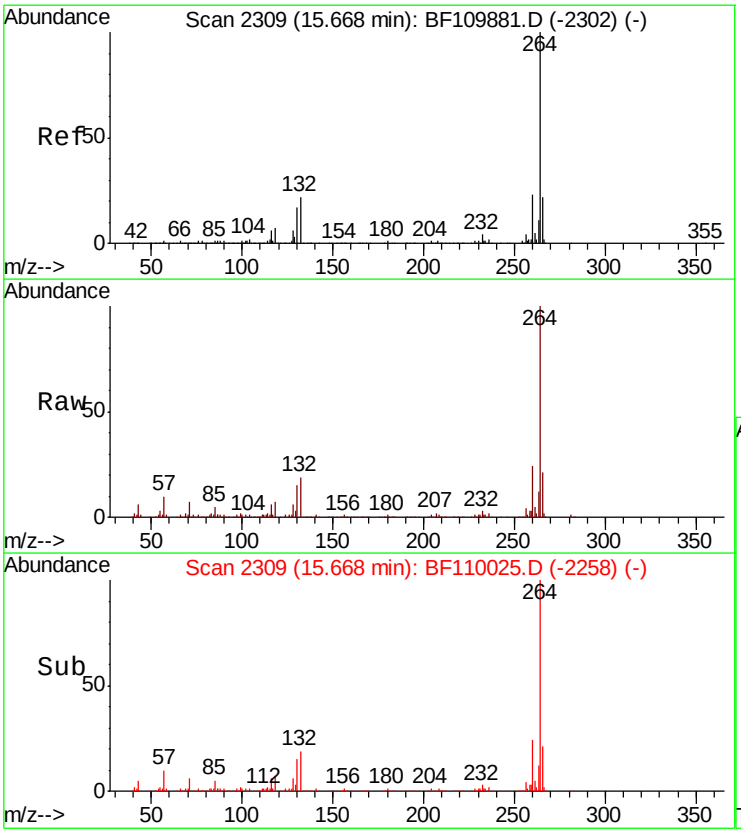
#79
Terphenyl-d14
Concen: 73.570 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1256311

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.0	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: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion:264 Resp: 298463

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.4	16.7	25.1