Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110044.D
Acq On : 22 Oct 2018 12:55
Operator : JU/SJ
Sample : PB114048BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 02:07:46 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	211593	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	841550	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	397488	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	787709	20.00	ng		-0.01
76) Chrysene-d12	14.14	240	689808	20.00	ng		-0.02
87) Perylene-d12	15.67	264	583683	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1363493	102.15	ng		0.00
7) Phenol-d6	6.59	99	1709348	103.13	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1076598	86.18	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	428299	124.46	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1939272	77.85	ng		-0.01
79) Terphenyl-d14	13.09	244	2069860	63.01	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	31243	2.901	ng		81
19) n-Nitroso-di-n-propylamine	7.53	70	144066	13.537	ng	#	81
25) Isophorone	7.53	82	1073875	43.748	ng	#	67
51) 2,6-Dinitrotoluene	10.01	165	50932	9.527	ng	#	22
57) 2,4-Dinitrotoluene	10.01	165	50932	11.405	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.80	198	969	8.188	ng	#	1
67) 4-Bromophenyl-phenylether	10.80	248	27652	3.239	ng	#	1

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

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Quant Time: Oct 23 02:07:46 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
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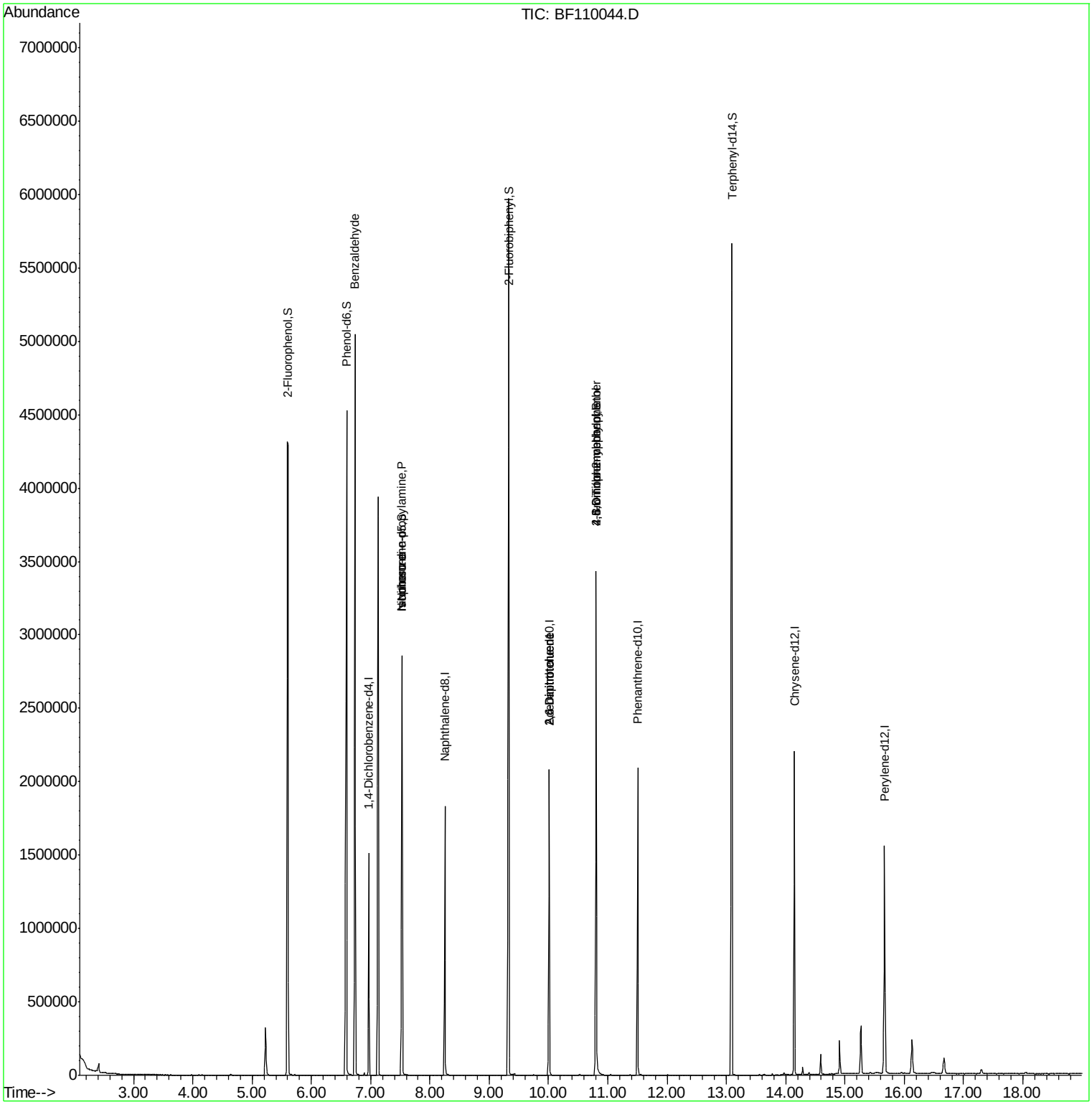
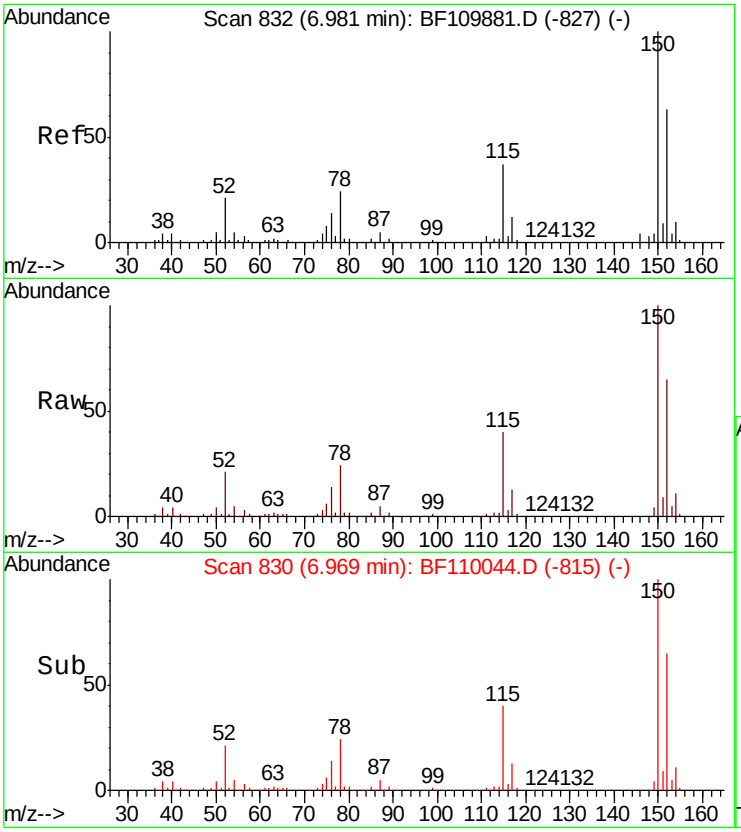


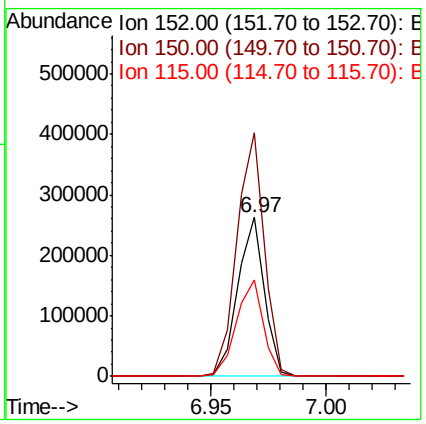


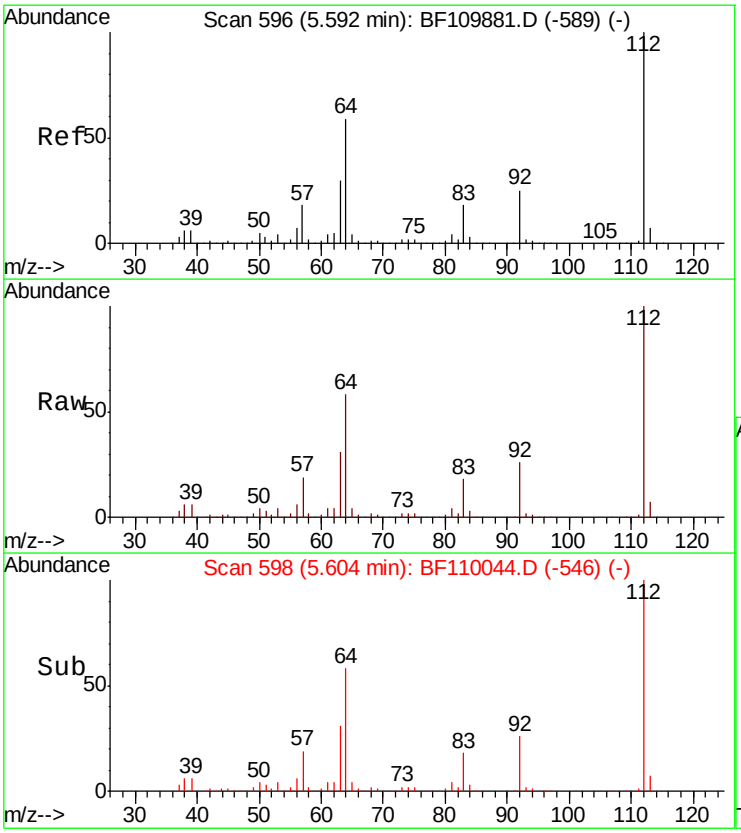
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 211593

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.7	184.1
115	60.9	49.1	73.7

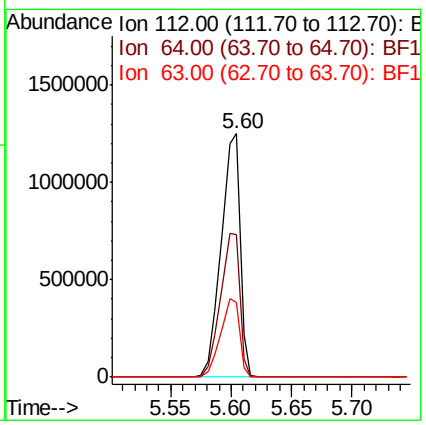


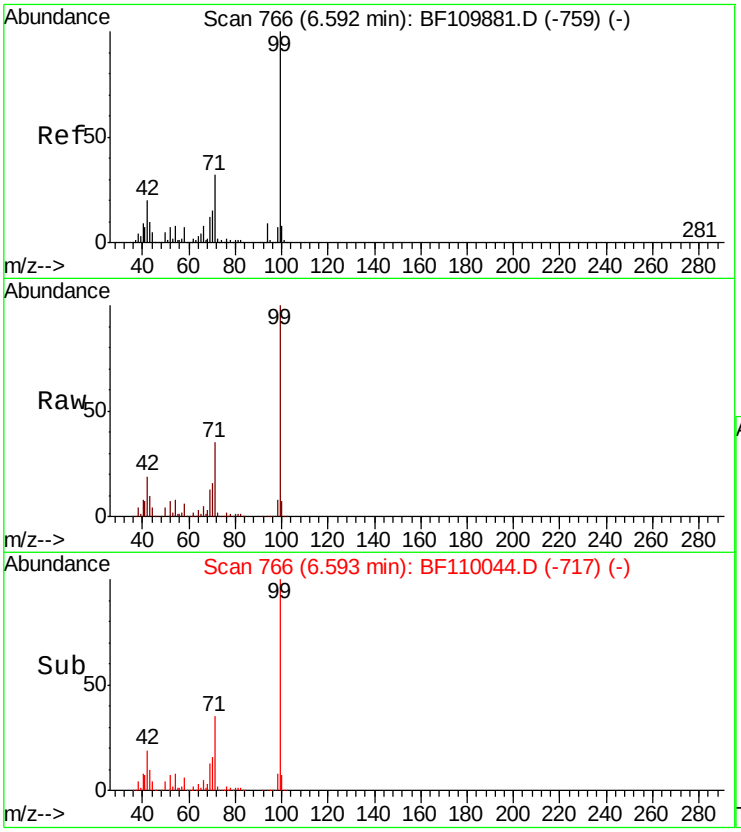


#5
2-Fluorophenol
Concen: 102.145 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion:112 Resp: 1363493

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.9	23.7	35.5



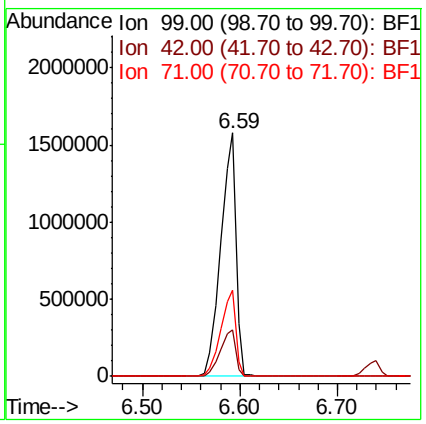


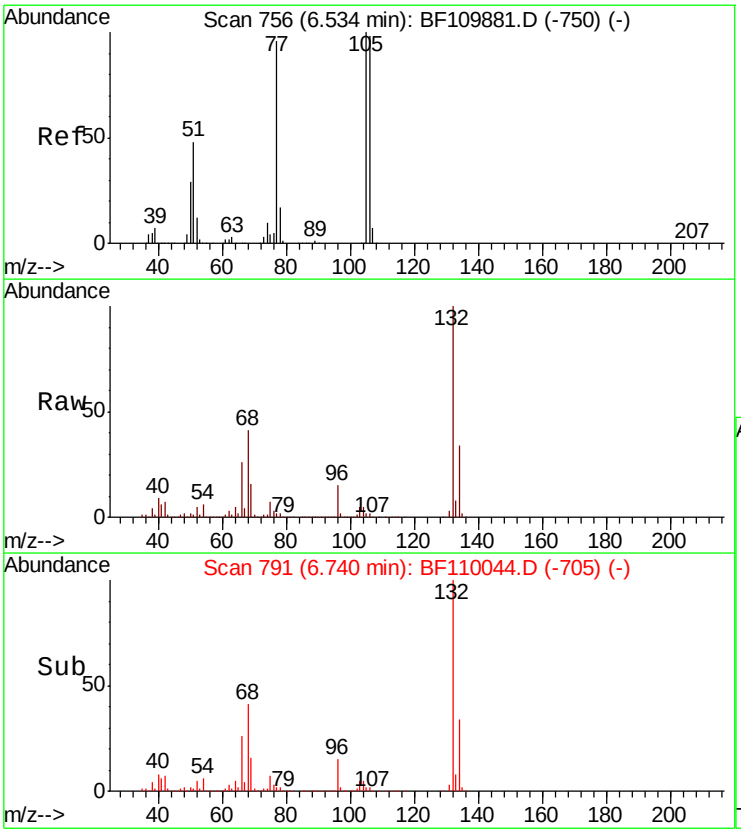
#7
Phenol-d6
Concen: 103.125 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1709348

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	35.2	28.0	42.0

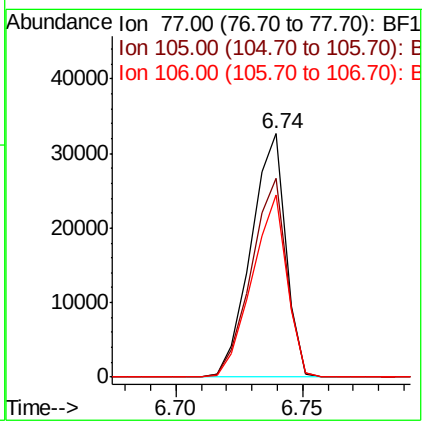


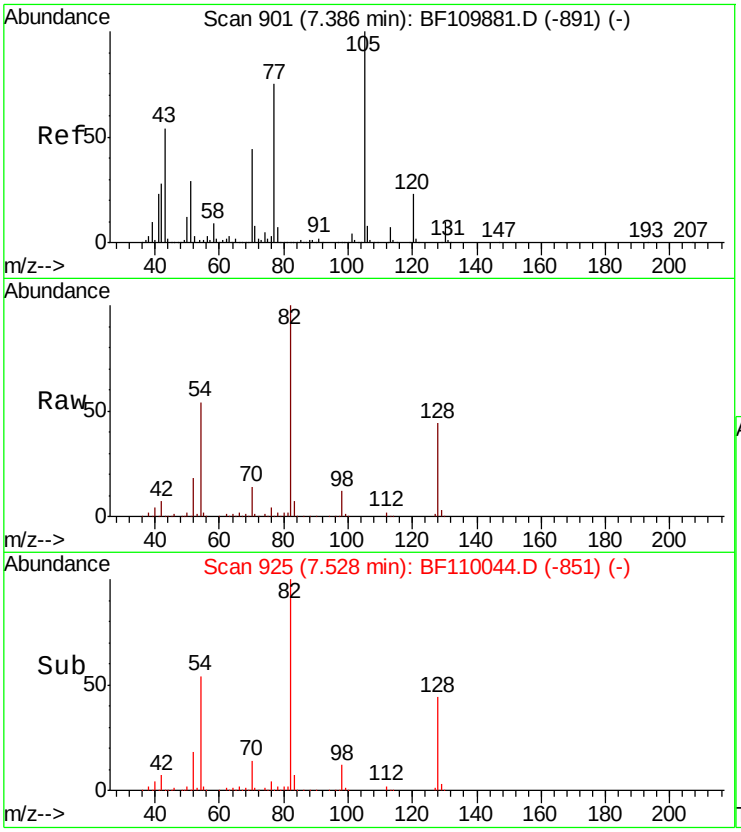


#9
Benzaldehyde
Concen: 2.901 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.21 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion: 77 Resp: 31243

Ion	Ratio	Lower	Upper
77	100		
105	81.7	78.6	118.6
106	75.0	74.8	114.8



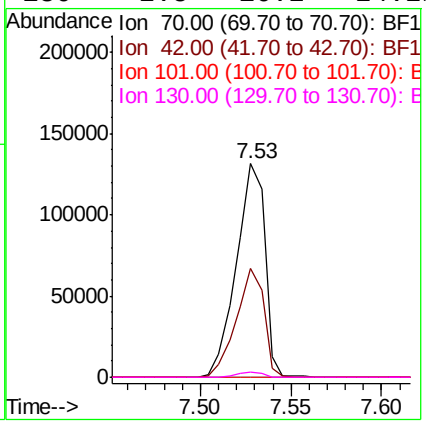


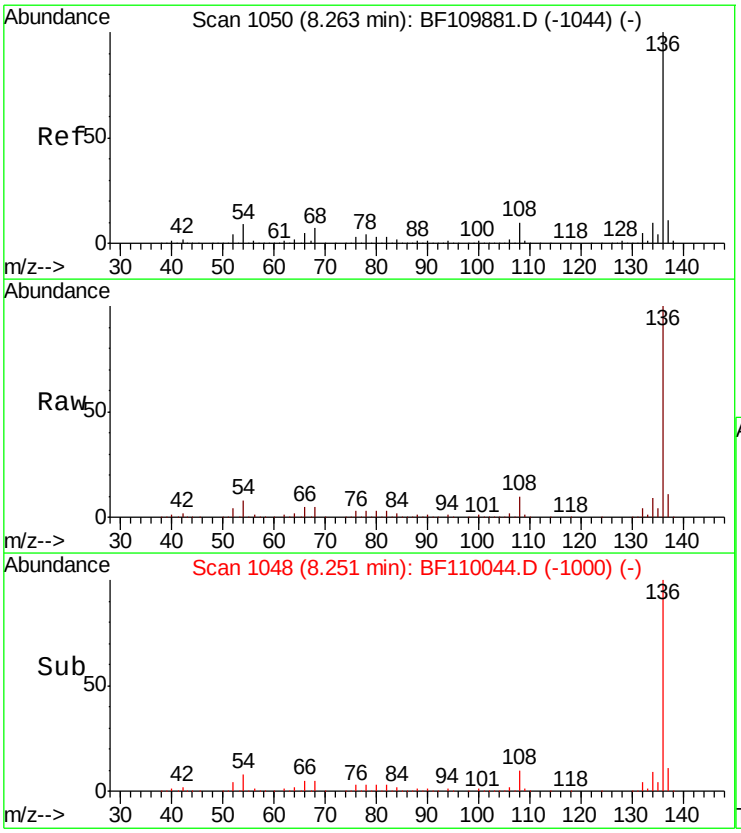
#19
n-Nitroso-di-n-propylamine
Concen: 13.537 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 144066

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#

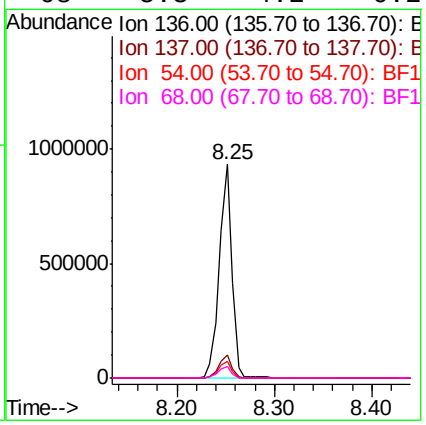


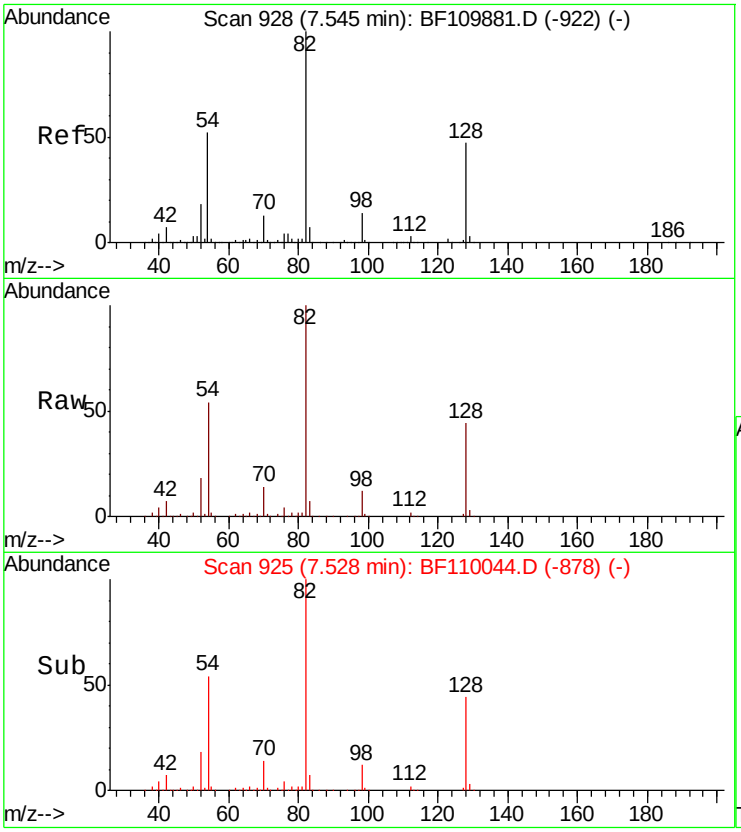


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion:136 Resp: 841550

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	5.4	8.2
68	5.3	4.2	6.2



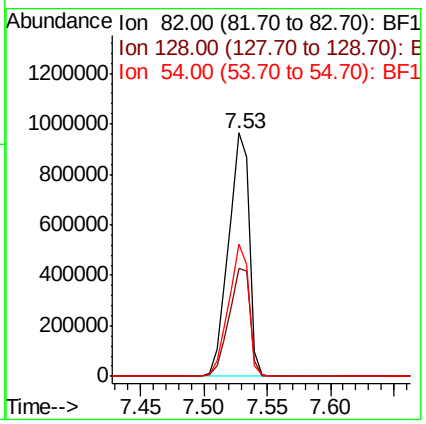


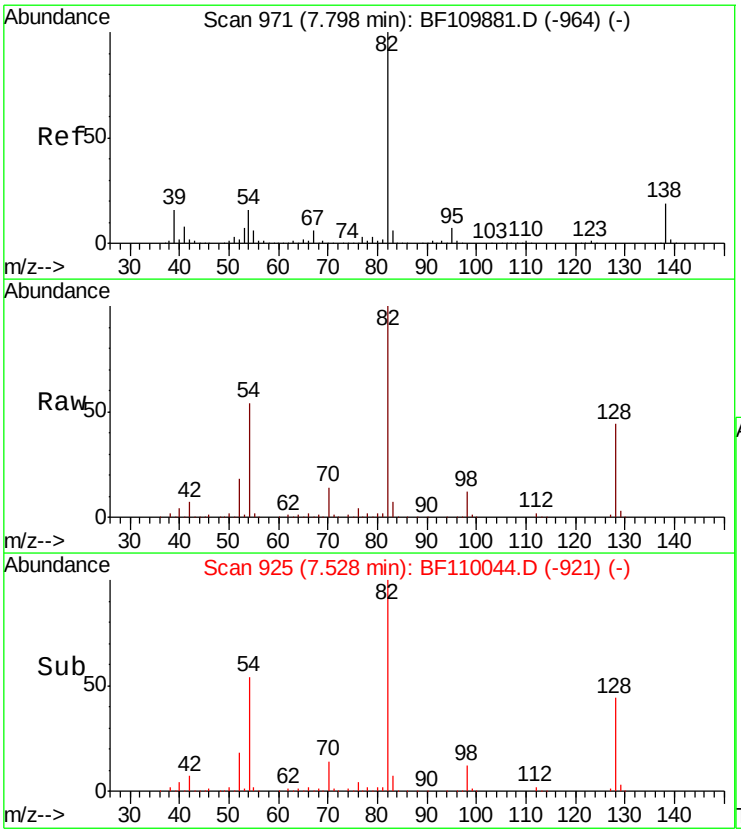
#23
Nitrobenzene-d5
Concen: 86.179 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1076598

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	54.2	38.6	58.0

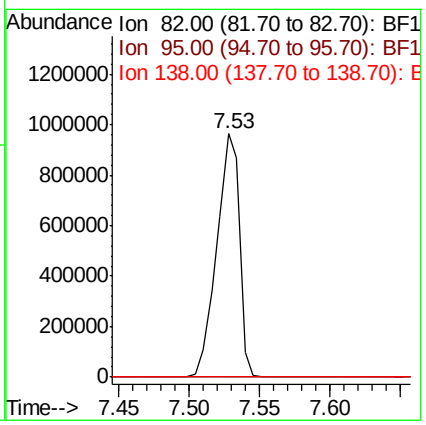


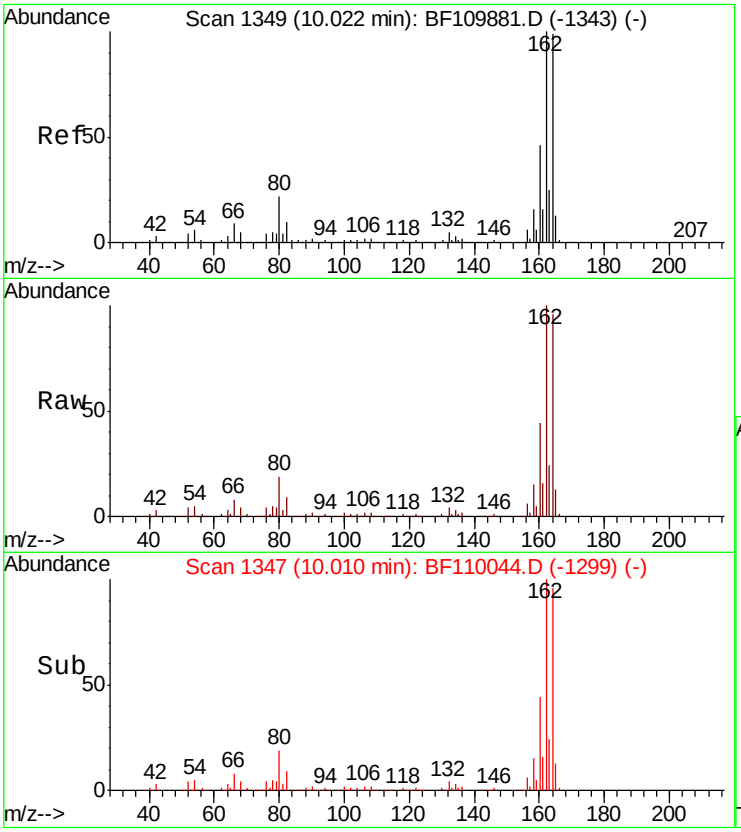


#25
Isophorone
Concen: 43.748 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion: 82 Resp: 1073875

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



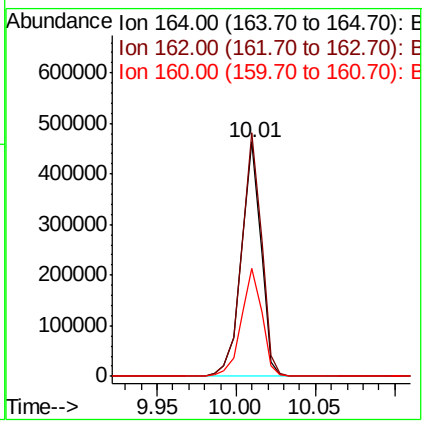


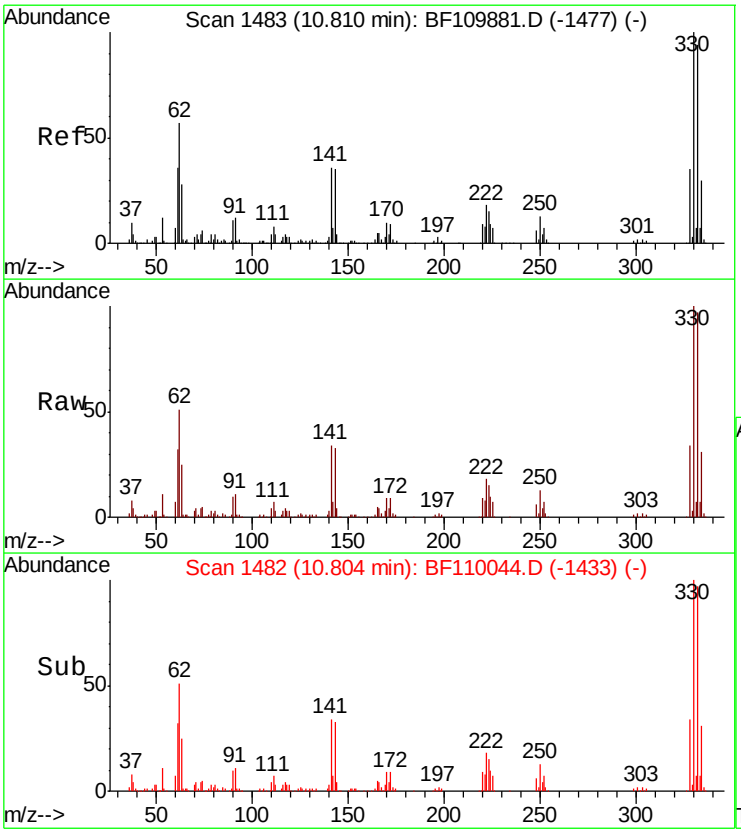
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 397488

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	46.0	37.0	55.6

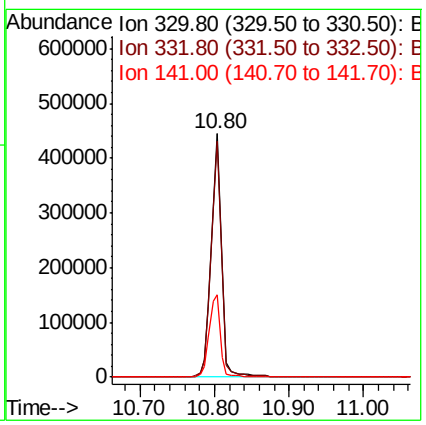


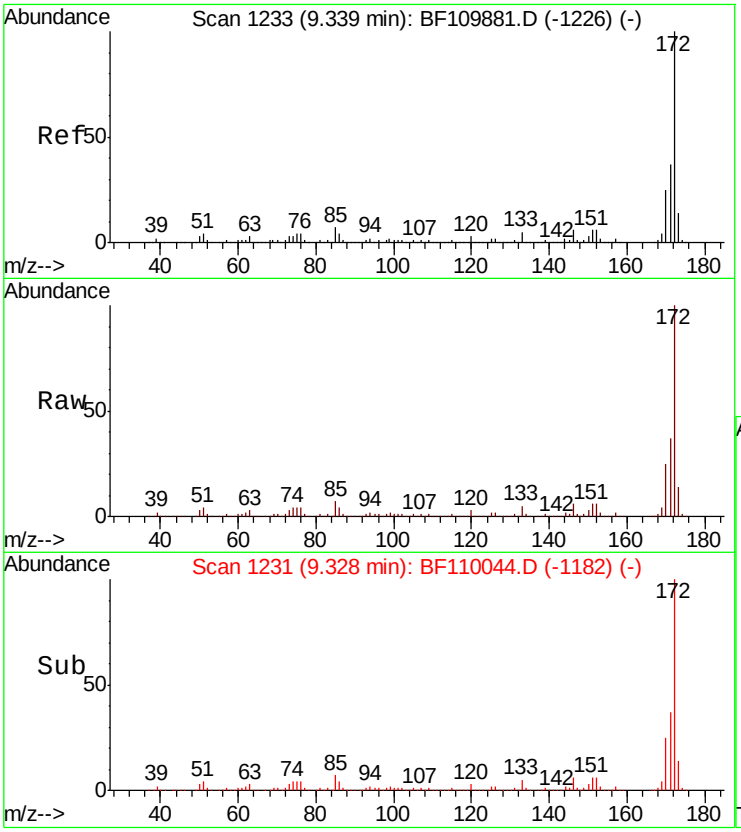


#42
2,4,6-Tribromophenol
Concen: 124.457 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion:330 Resp: 428299

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	36.8	27.0	40.4



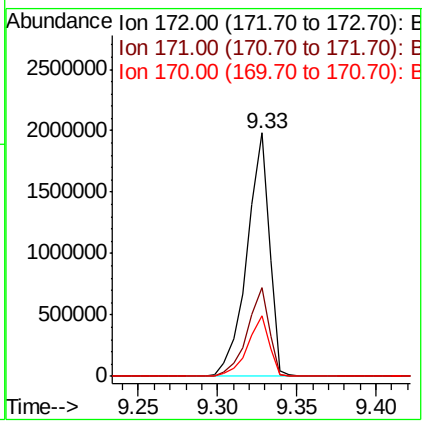


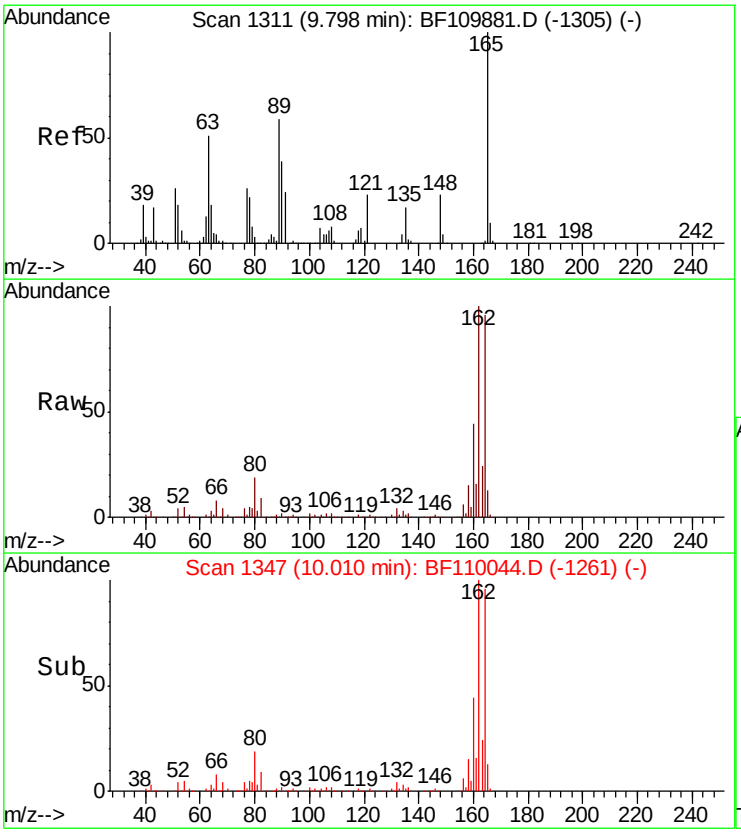
#45
2-Fluorobiphenyl
Concen: 77.849 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1939272

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.6	19.7	29.5

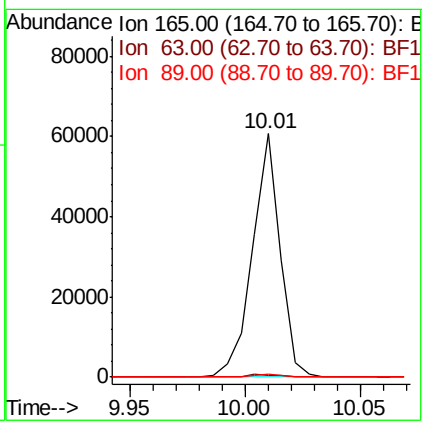


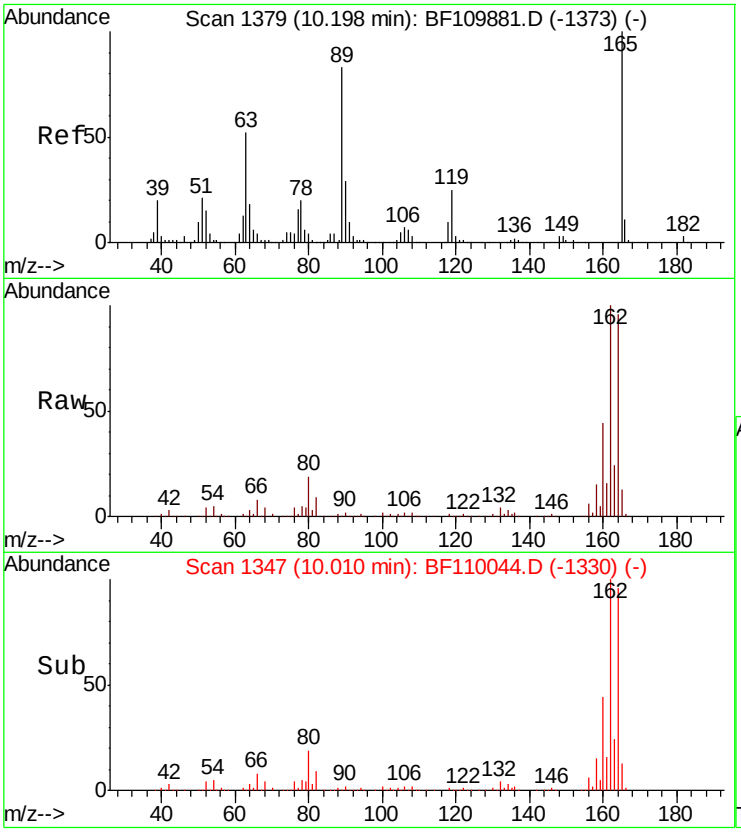


#51
2,6-Dinitrotoluene
Concen: 9.527 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion:165 Resp: 50932

Ion	Ratio	Lower	Upper
165	100		
63	0.9	48.9	73.3#
89	1.4	46.6	69.8#



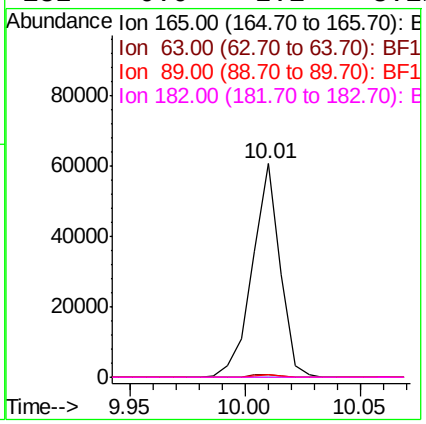


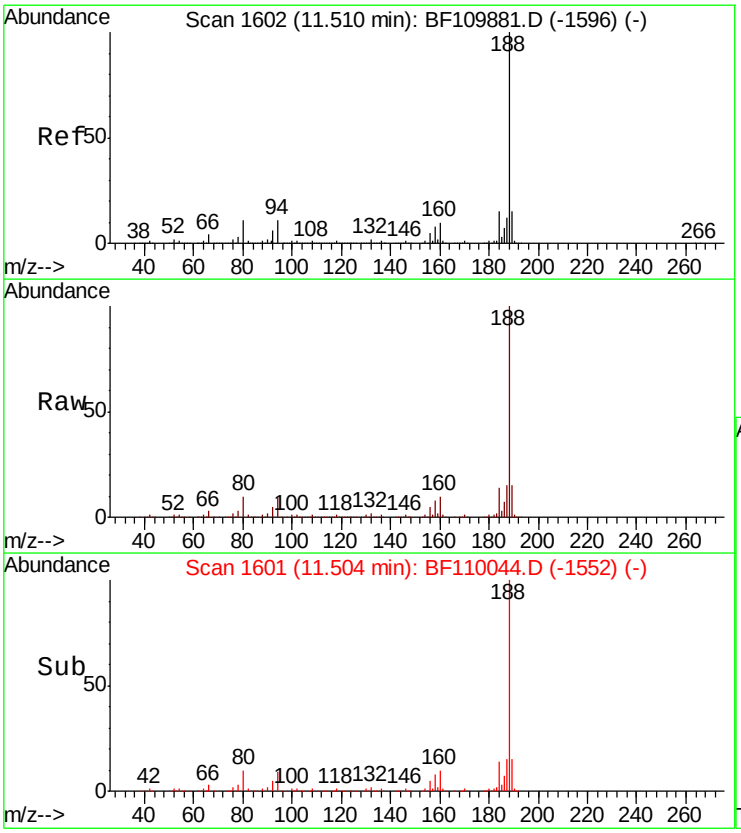
#57
2,4-Dinitrotoluene
Concen: 11.405 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 50932

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#

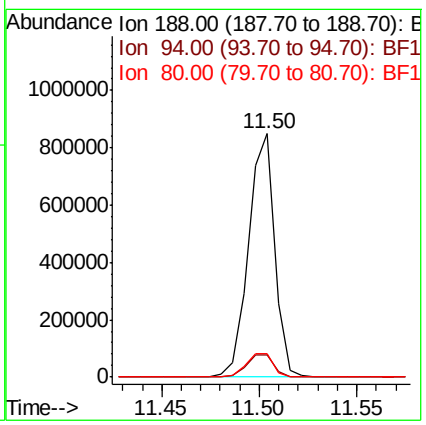


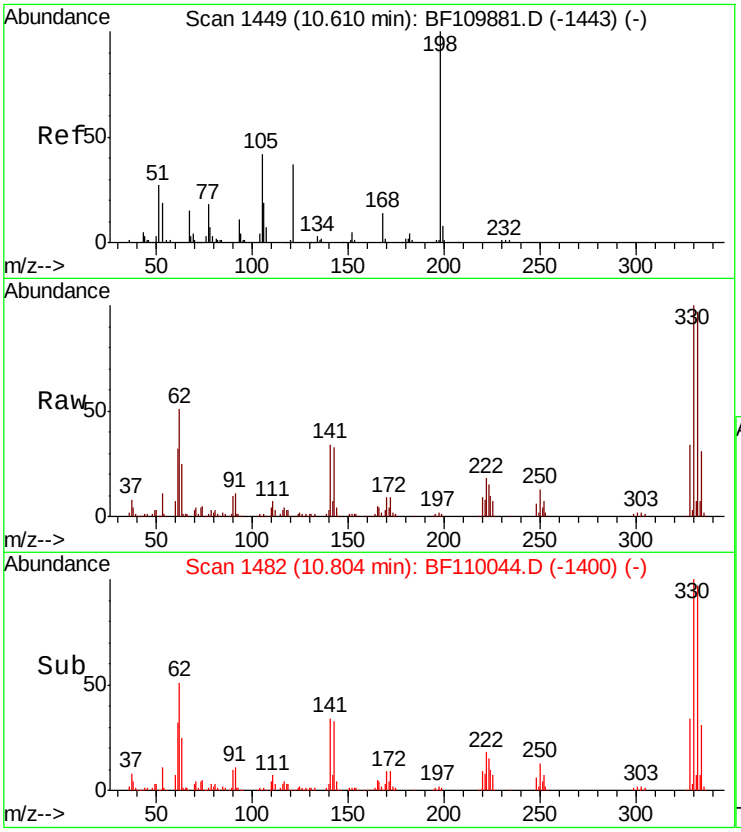


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion:188 Resp: 787709

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.7	7.9	11.9



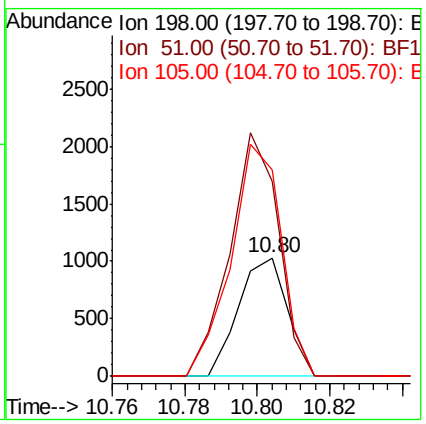


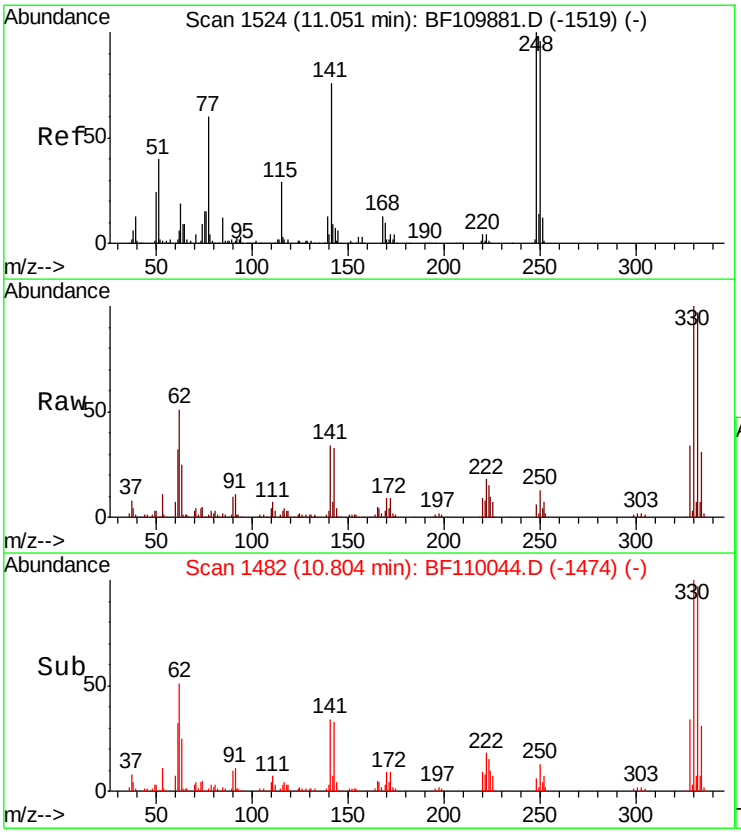
#65
4,6-Dinitro-2-methylphenol
Concen: 8.188 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 969

Ion	Ratio	Lower	Upper
198	100		
51	164.0	22.8	62.8#
105	174.3	23.6	63.6#

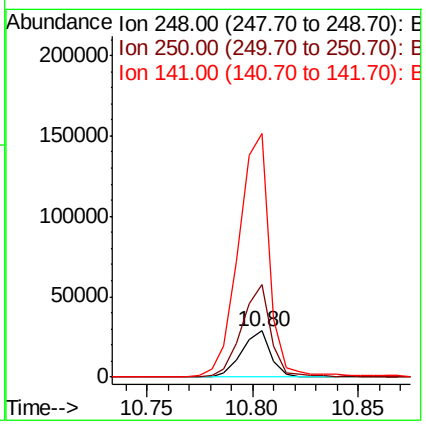


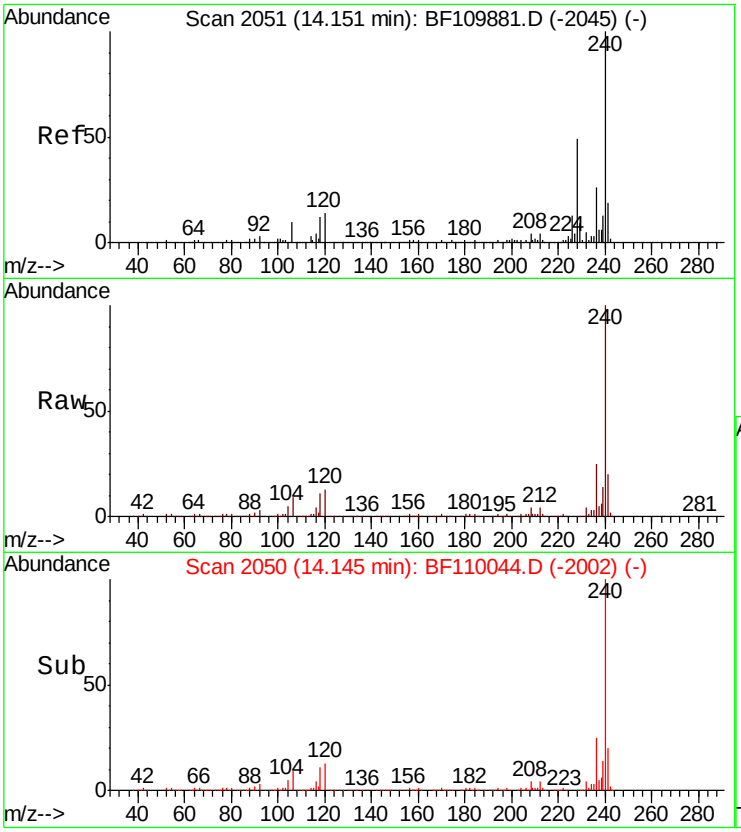


#67
4-Bromophenyl-phenylether
Concen: 3.239 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion:248 Resp: 27652

Ion	Ratio	Lower	Upper
248	100		
250	199.2	79.4	119.2#
141	525.2	55.9	83.9#



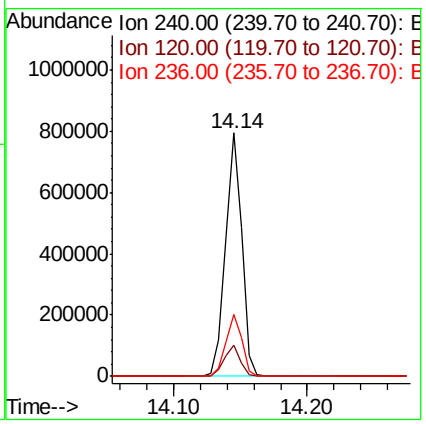


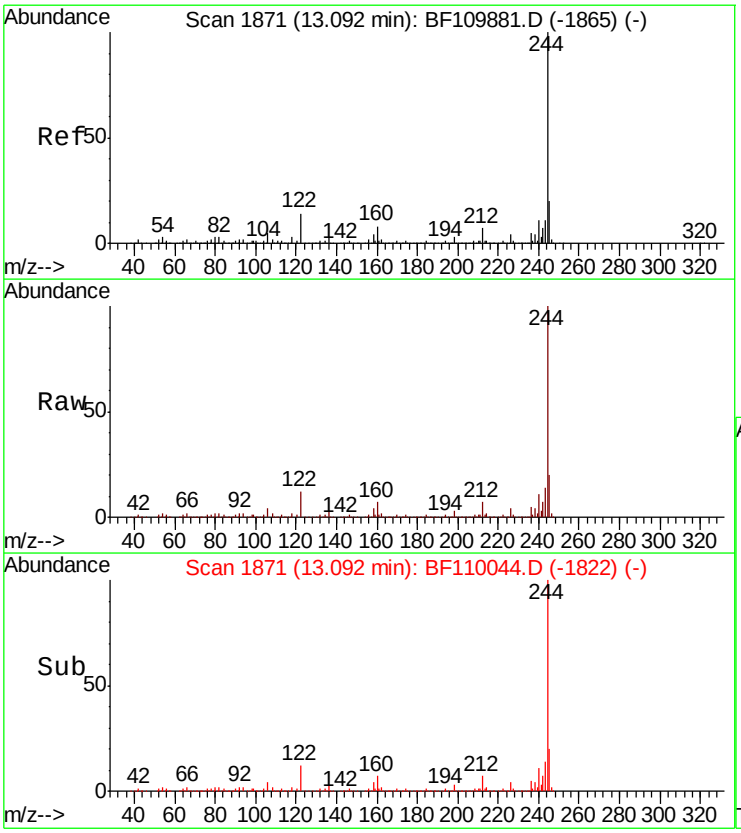
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 689808

Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	25.2	21.2	31.8

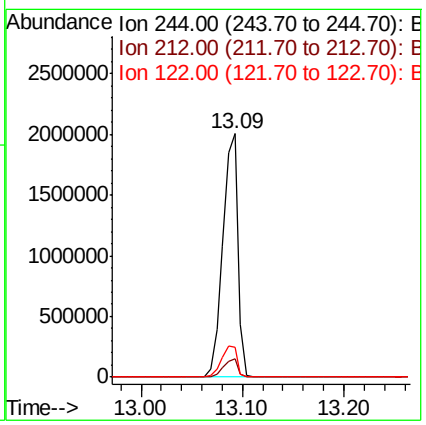


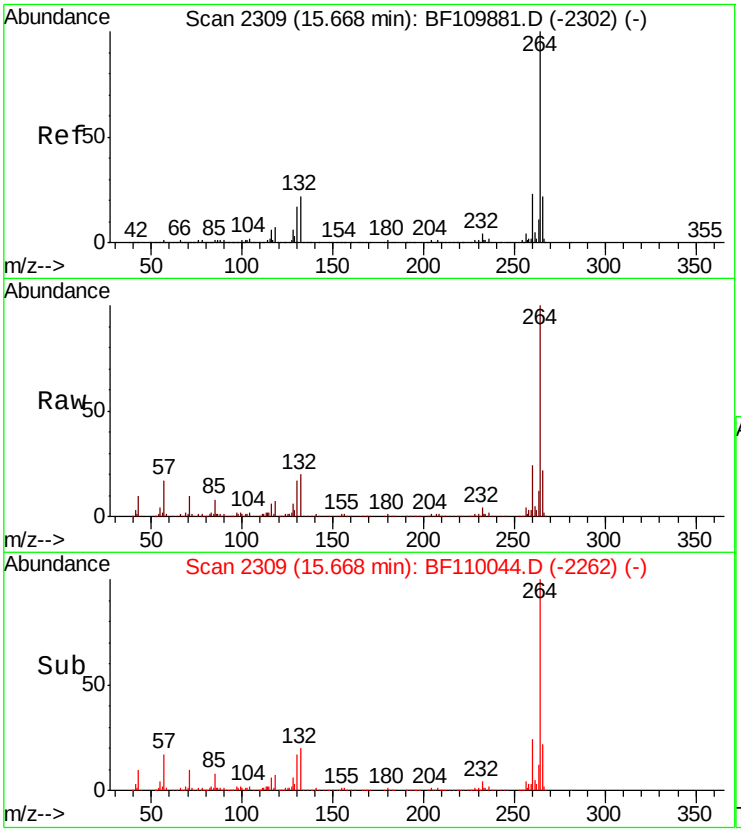


#79
Terphenyl-d14
Concen: 63.011 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion:244 Resp: 2069860

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 583683

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.2	16.7	25.1