Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110060.D
Acq On : 22 Oct 2018 20:20
Operator : JU/SJ
Sample : J5604-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 02:11:03 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	186421	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	694321	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	269485	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	400931	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	302242	20.00	ng		-0.01
87) Perylene-d12	15.67	264	235265	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1063678	90.44	ng		0.00
7) Phenol-d6	6.59	99	1324651	90.71	ng		-0.01
23) Nitrobenzene-d5	7.53	82	703674	68.27	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	200552	85.96	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	921328	54.55	ng		-0.01
79) Terphenyl-d14	13.09	244	607840	42.23	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.60	94	120386	7.635	ng	#	65
19) n-Nitroso-di-n-propylamine	7.53	70	100237	10.690	ng	#	79
20) 3+4-Methylphenols	7.36	107	42195	3.130	ng	#	74
25) Isophorone	7.53	82	702458	34.685	ng	#	67
50) Dimethylphthalate	9.72	163	166140	8.707	ng		99
54) 2,4-Dinitrophenol	10.29	184	440	9.248	ng	#	46
57) 2,4-Dinitrotoluene	10.25	165	1299	4.840	ng	#	72
65) 4,6-Dinitro-2-methylphenol	10.65	198	110	7.968	ng	#	1
67) 4-Bromophenyl-phenylether	10.80	248	13030	2.999	ng	#	1
75) Fluoranthene	12.95	202	81014	3.907	ng		75
78) Pyrene	12.95	202	81035	3.650	ng	#	83
88) Benzo(b)fluoranthene	15.22	252	42666	3.146	ng	#	75
89) Benzo(k)fluoranthene	15.22	252	42666	3.191	ng	#	75
90) Benzo(a)pyrene	15.60	252	30234	2.424	ng	#	84

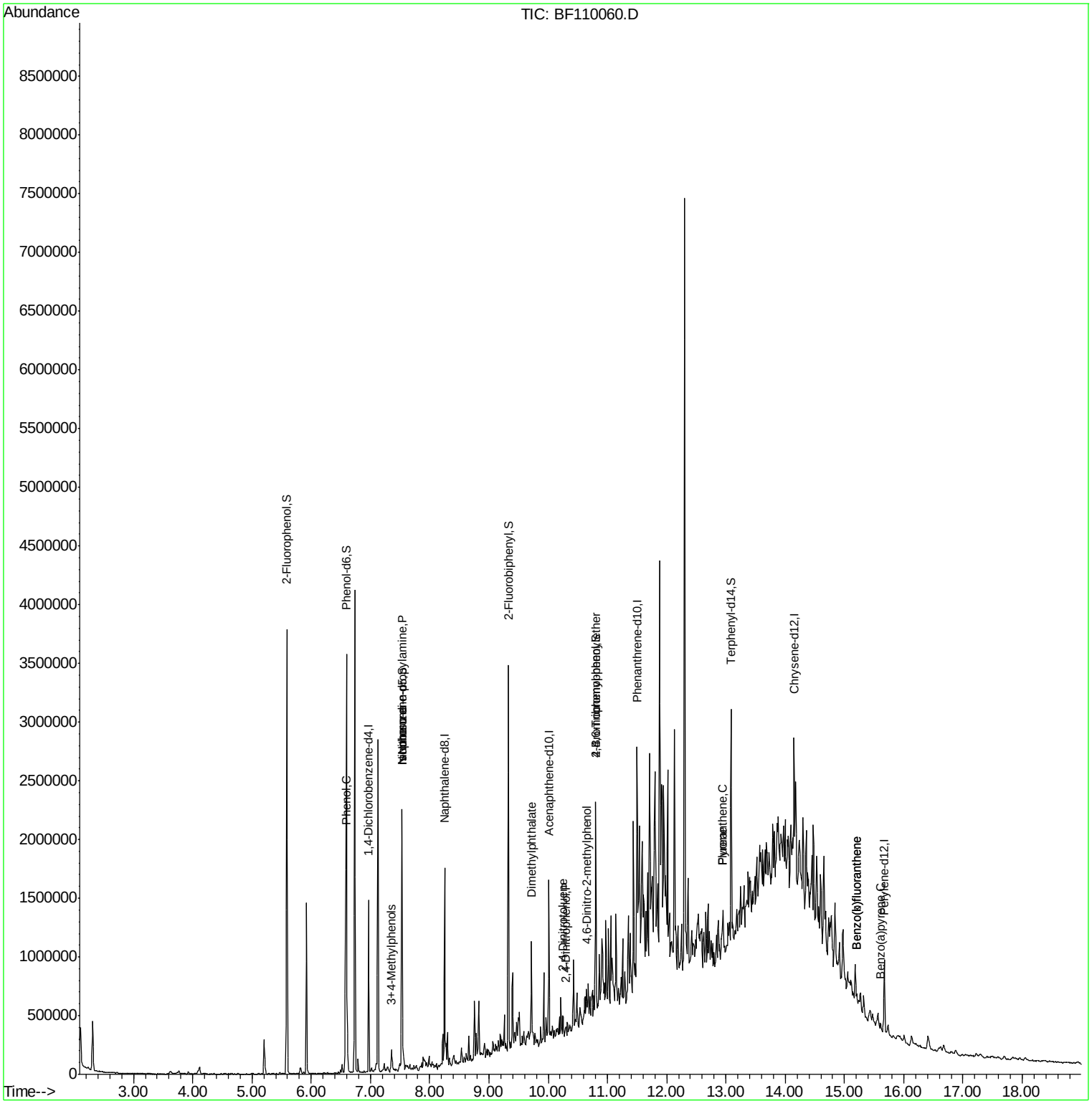
(#) = qualifier out of range (m) = manual integration (+) = signals summed

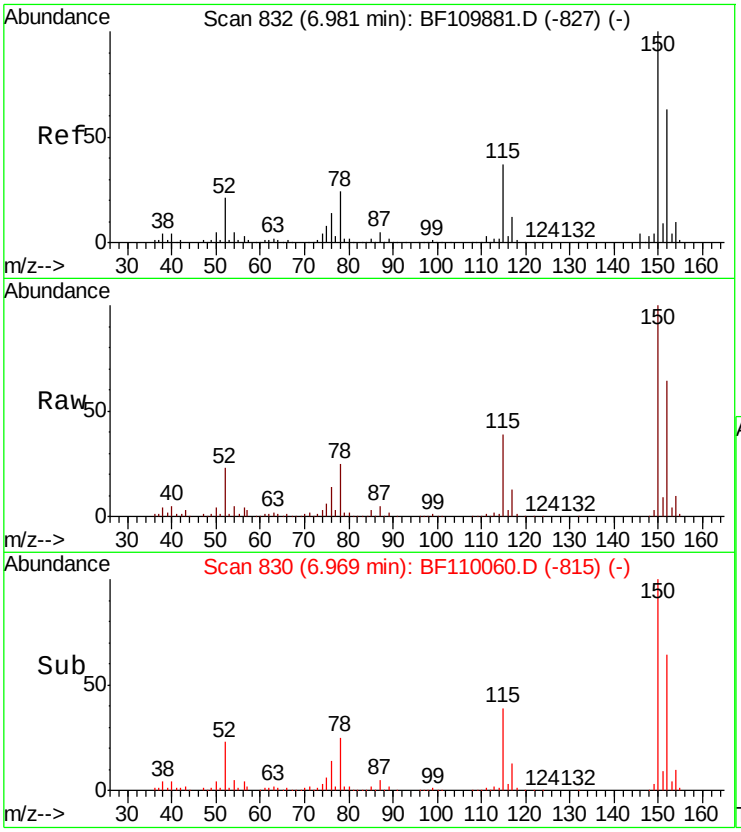
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110060.D
Acq On : 22 Oct 2018 20:20
Operator : JU/SJ
Sample : J5604-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 23 02:11:03 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



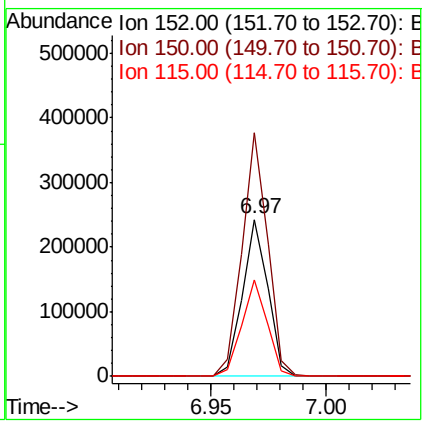


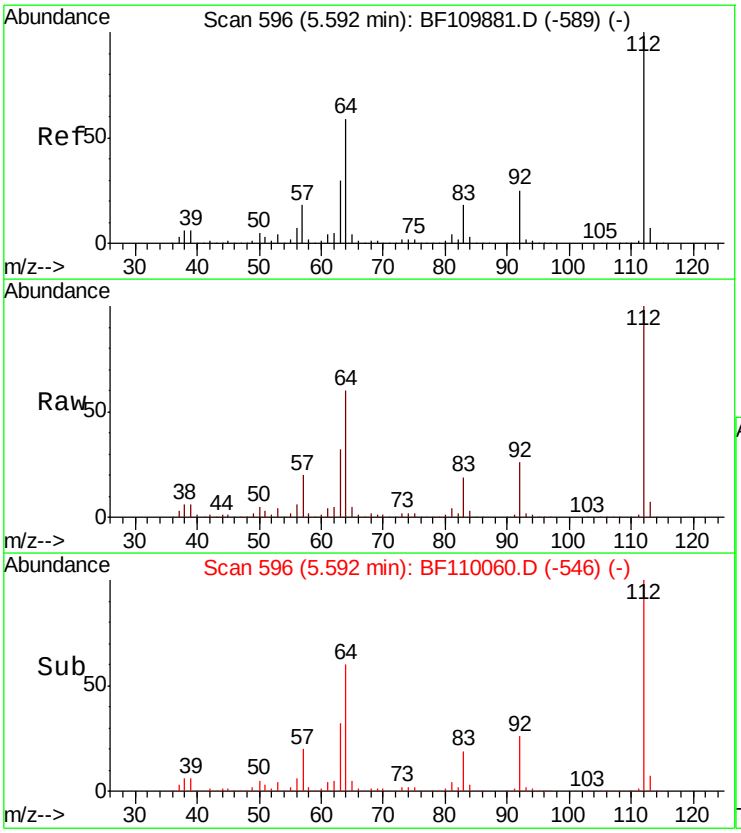
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 186421

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	61.2	49.1	73.7

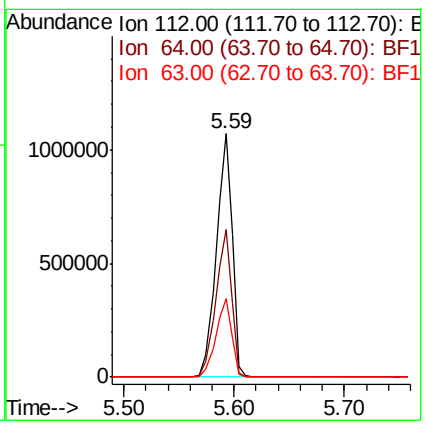


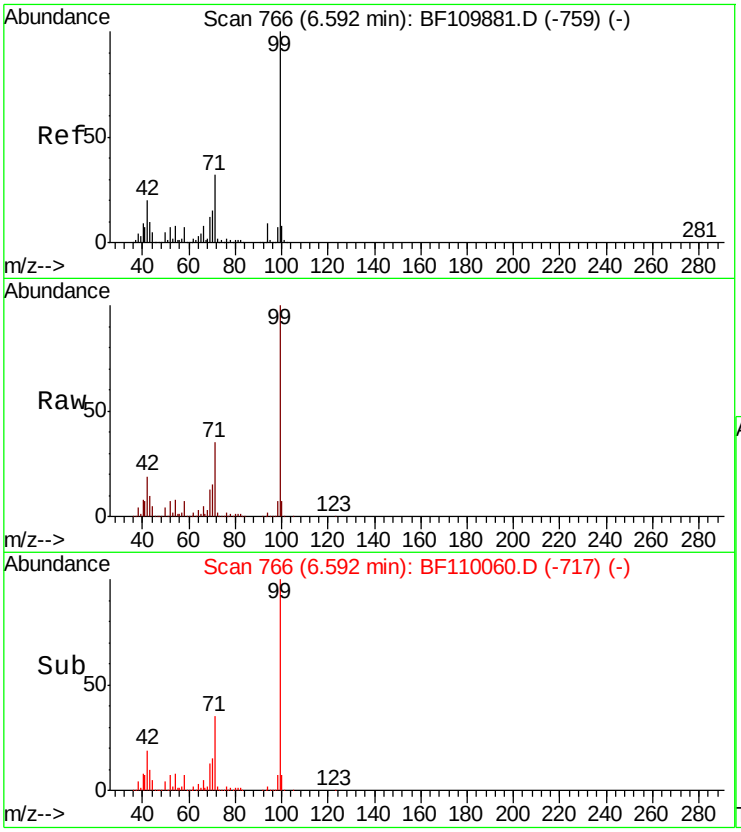


#5
2-Fluorophenol
Concen: 90.444 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:112 Resp: 1063678

Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	32.1	23.7	35.5



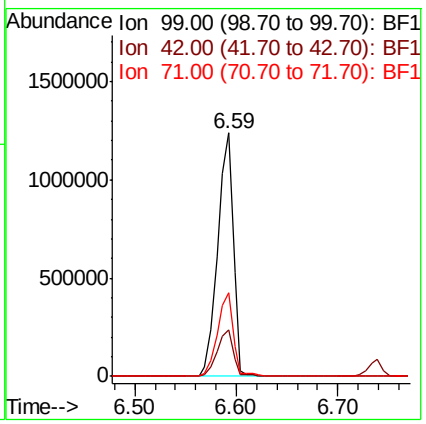


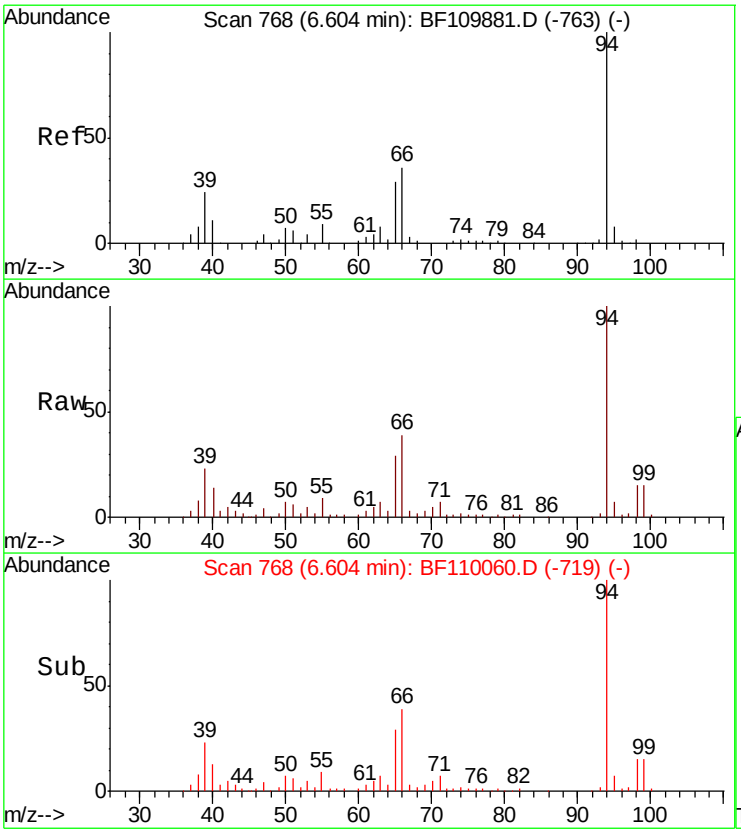
#7
Phenol-d6
Concen: 90.708 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1324651

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	34.6	28.0	42.0

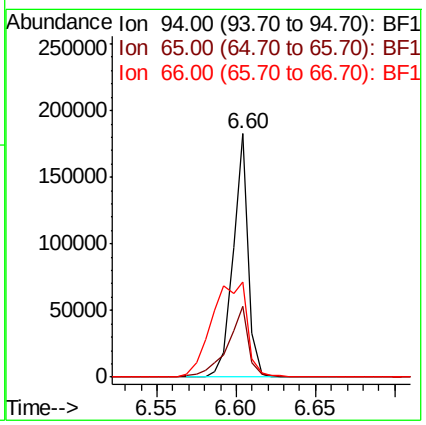


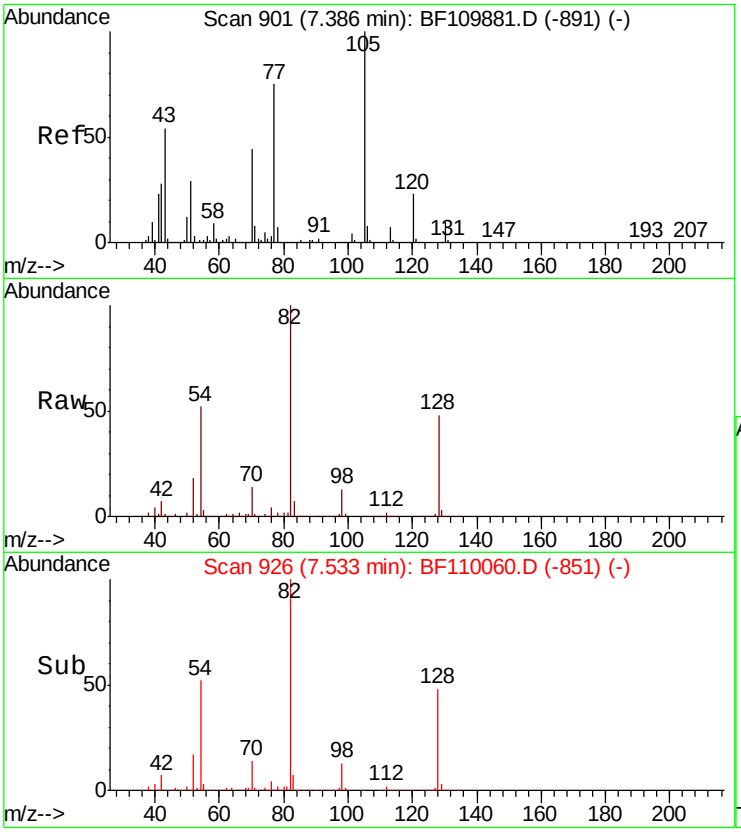


#10
Phenol
Concen: 7.635 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion: 94 Resp: 120386

Ion	Ratio	Lower	Upper
94	100		
65	29.2	25.3	65.3
66	39.0	54.5	94.5#



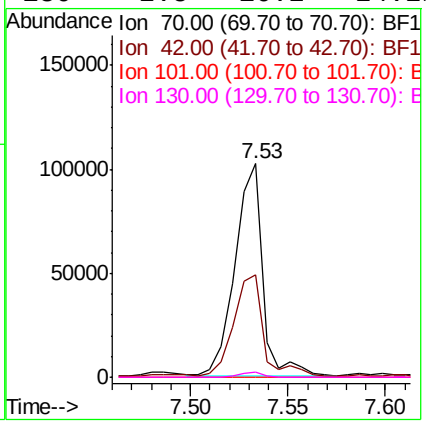


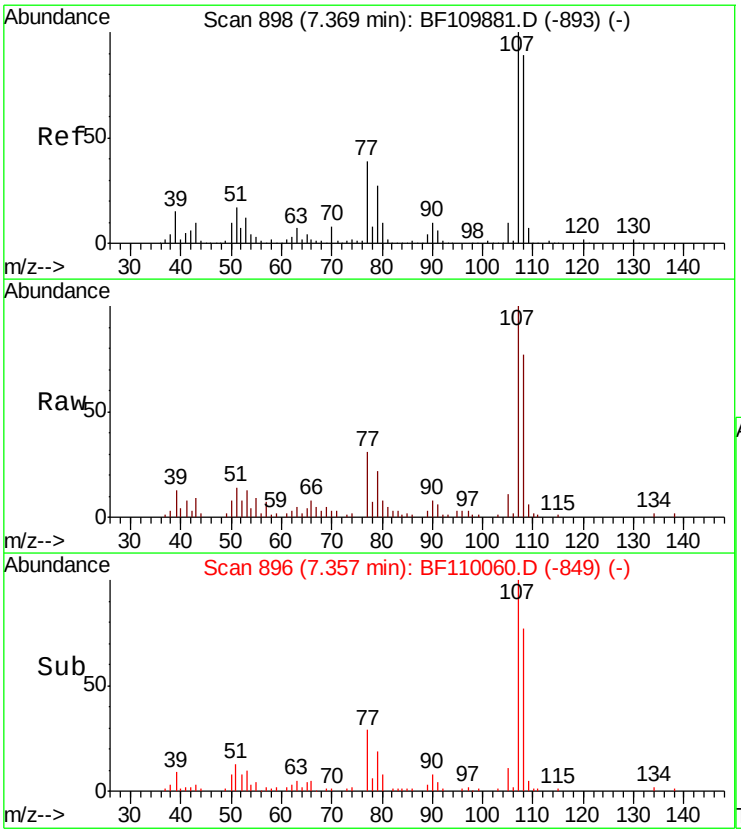
#19
n-Nitroso-di-n-propylamine
Concen: 10.690 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 100237

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#

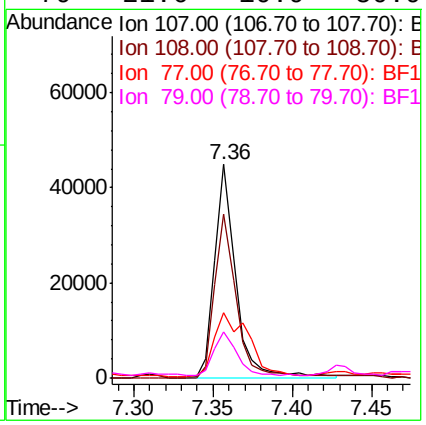


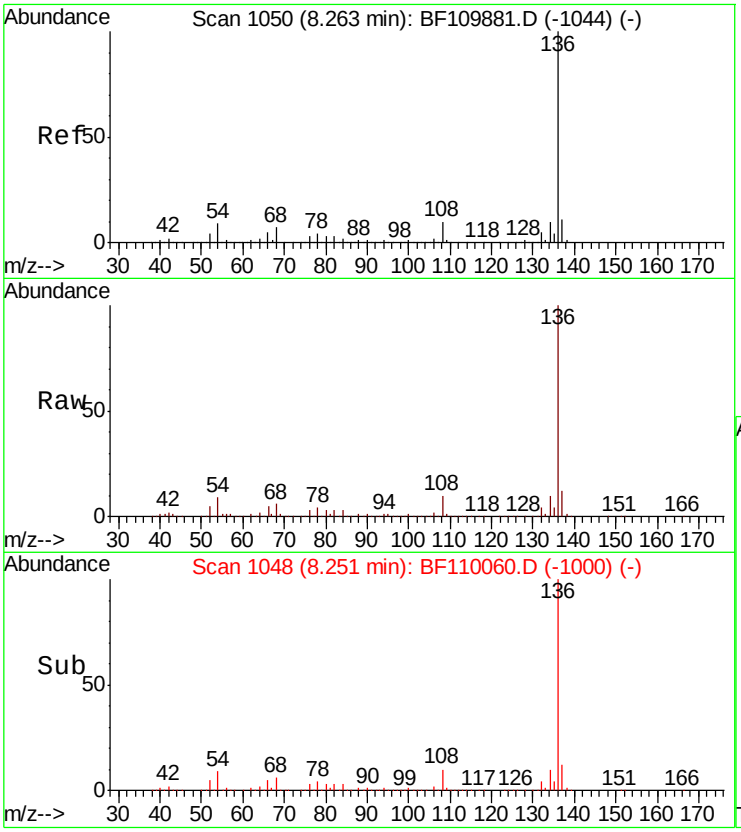


#20
3+4-Methylphenols
Concen: 3.130 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:107 Resp: 42195

Ion	Ratio	Lower	Upper
107	100		
108	76.5	71.4	111.4
77	30.7	47.3	87.3#
79	21.6	10.9	50.9



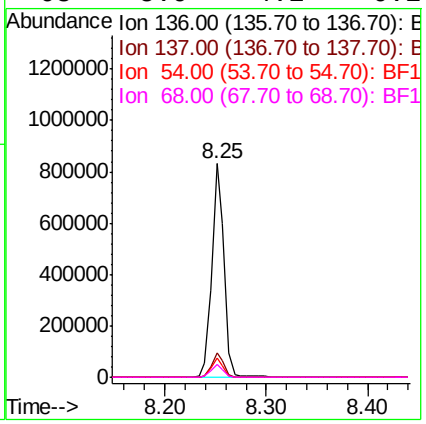


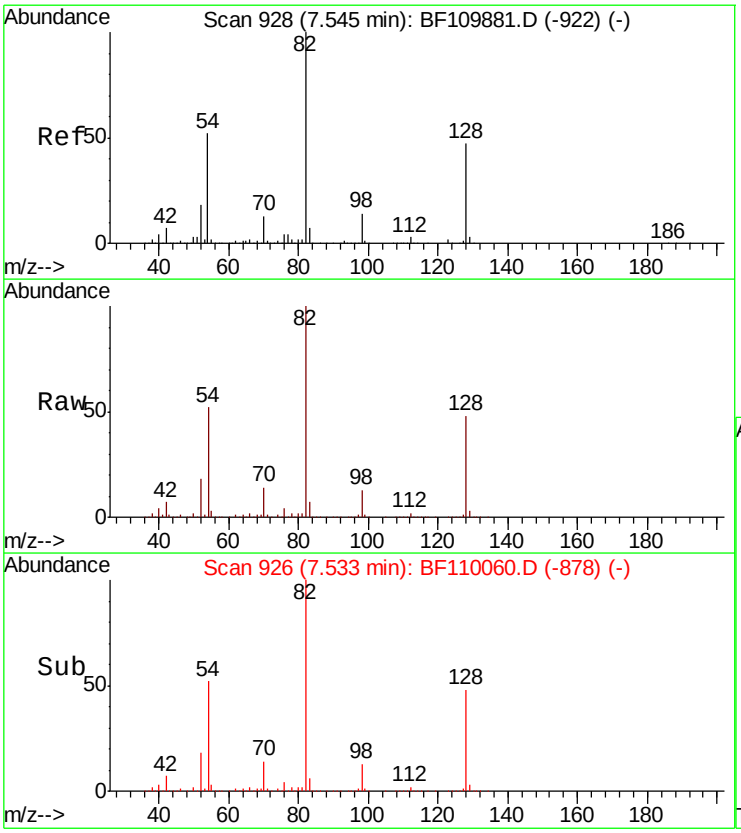
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 694321

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.7	5.4	8.2#
68	5.9	4.2	6.2

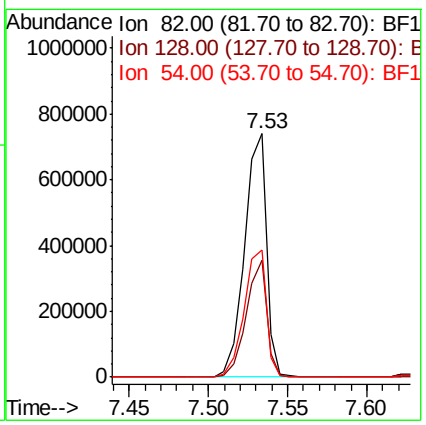


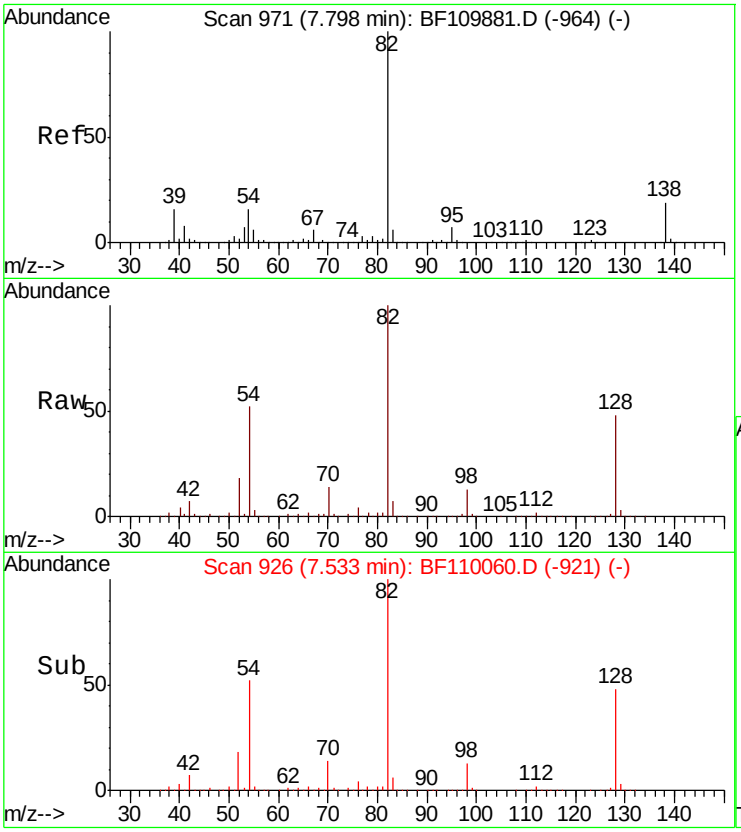


#23
Nitrobenzene-d5
Concen: 68.271 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion: 82 Resp: 703674

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.2	51.2
54	52.3	38.6	58.0



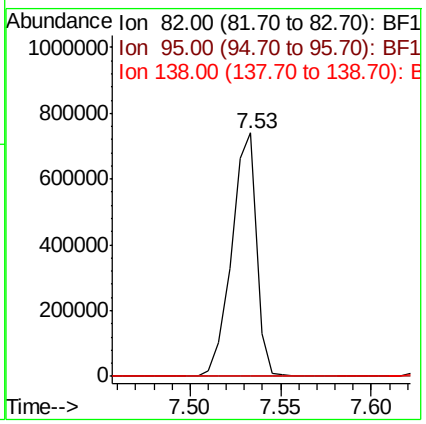


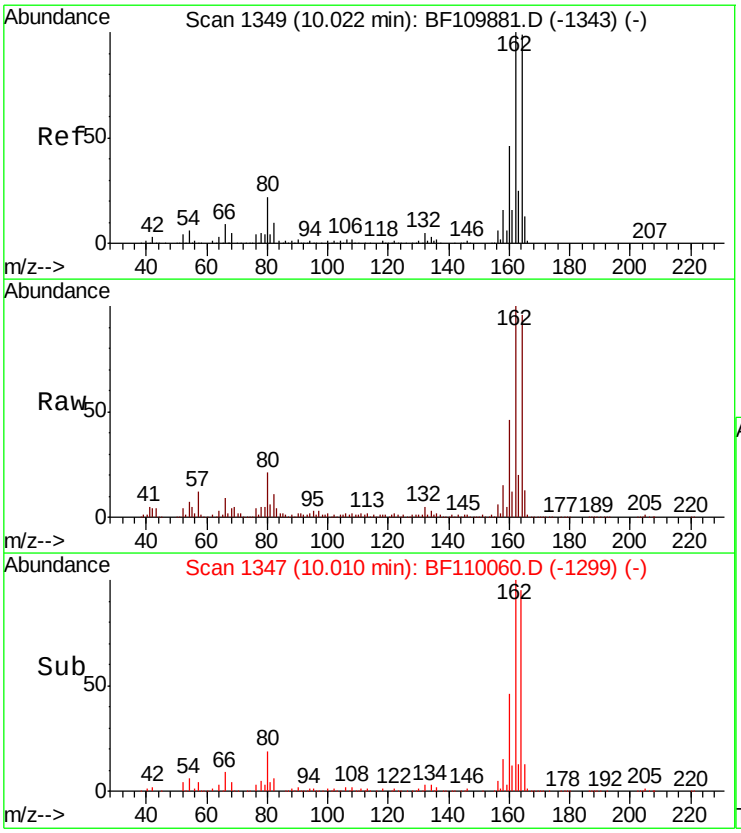
#25
Isophorone
Concen: 34.685 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 702458

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.7	8.5#
138	0.0	13.2	19.8#

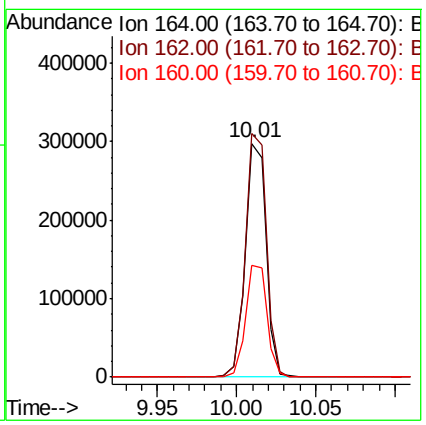


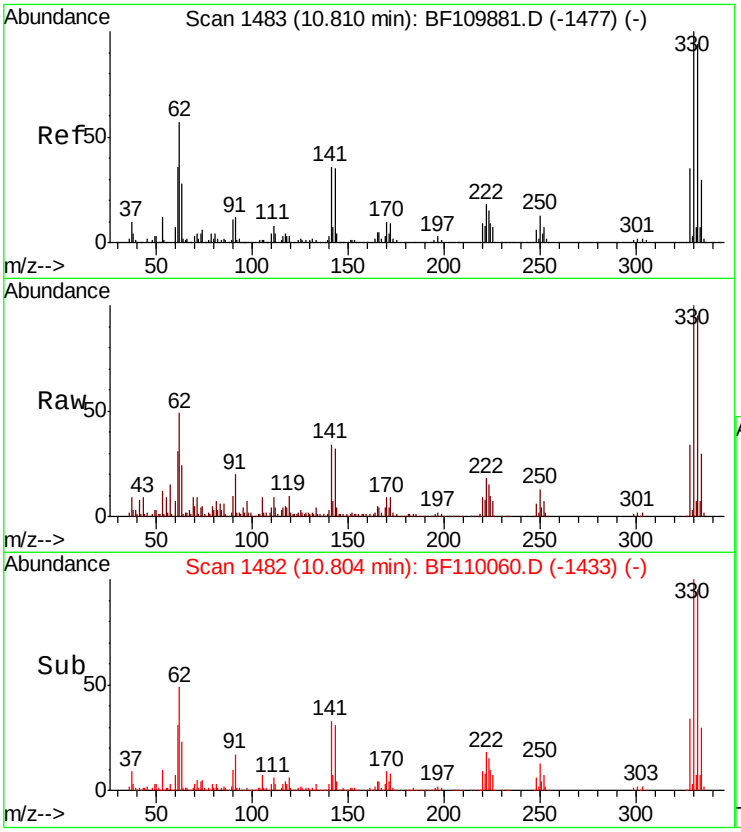


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:164 Resp: 269485

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	47.8	37.0	55.6



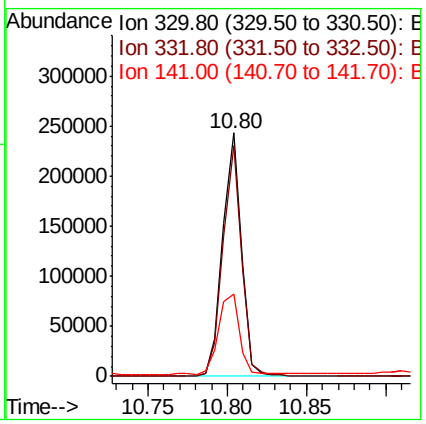


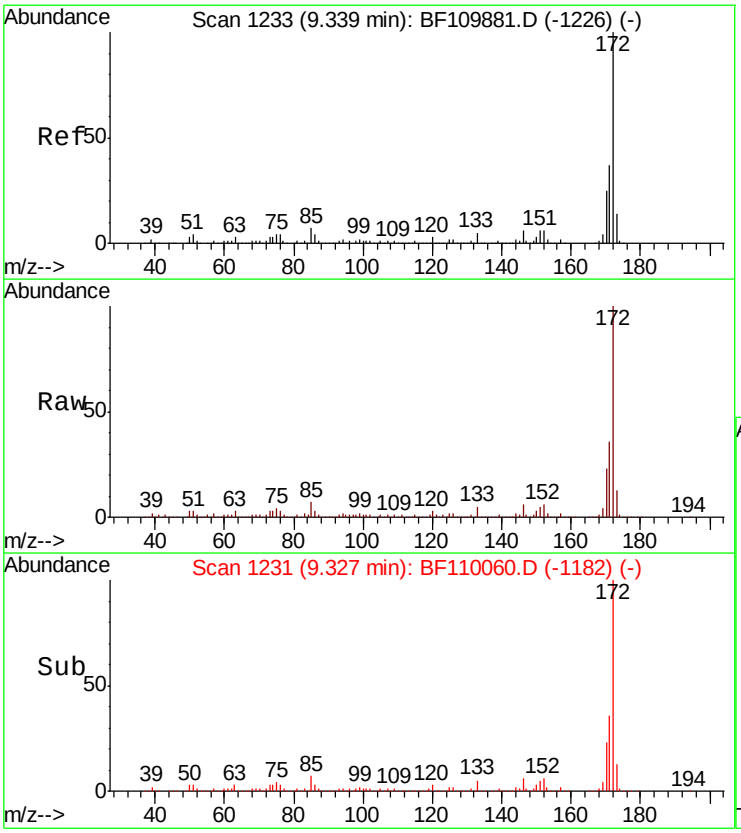
#42
2,4,6-Tribromophenol
Concen: 85.958 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 200552

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.1	115.7
141	37.0	27.0	40.4

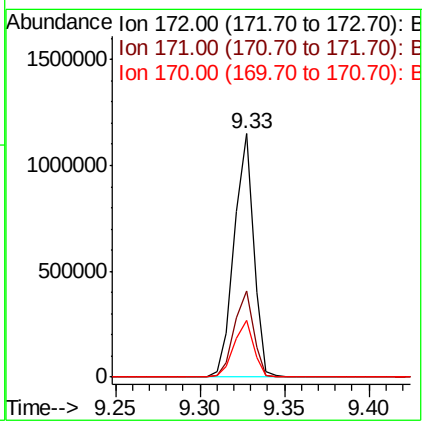


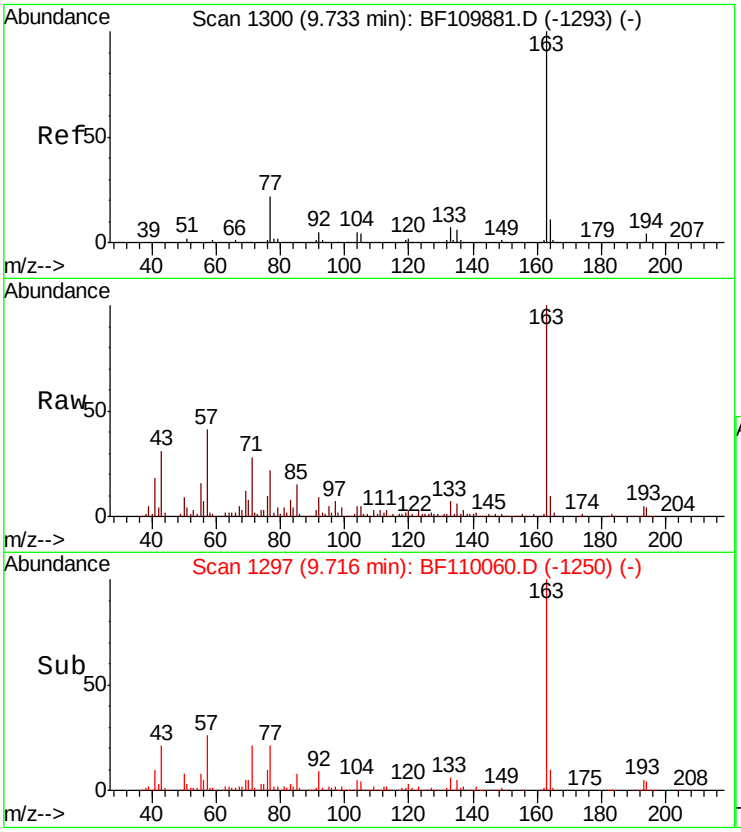


#45
2-Fluorobiphenyl
Concen: 54.553 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:172 Resp: 921328

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.5	19.7	29.5



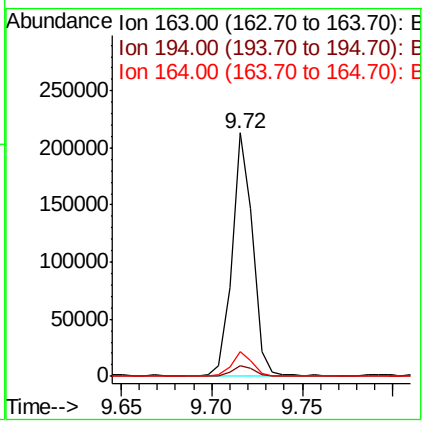


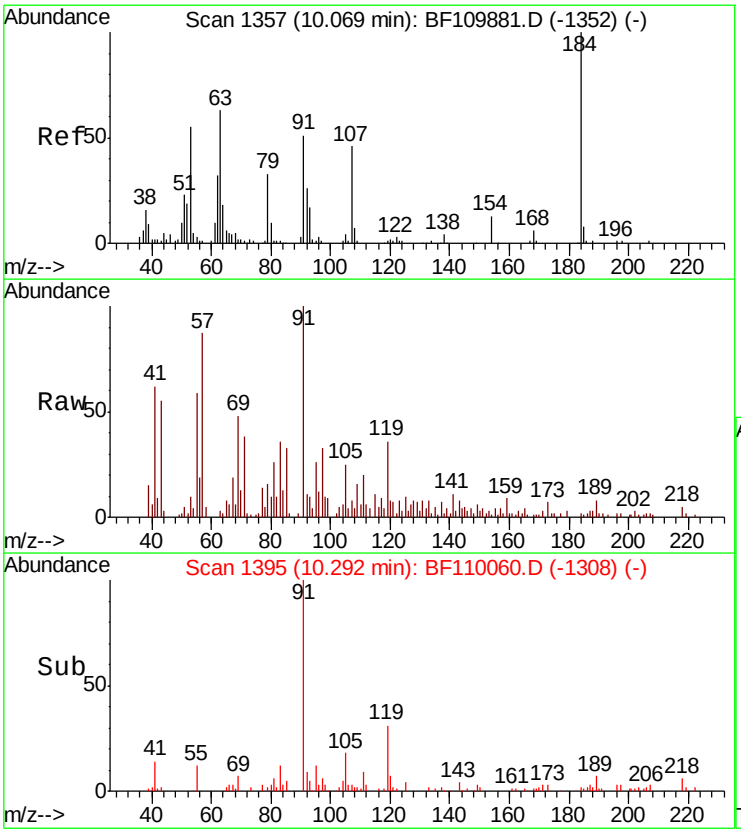
#50
Dimethylphthalate
Concen: 8.707 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 166140

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.2	8.1	12.1

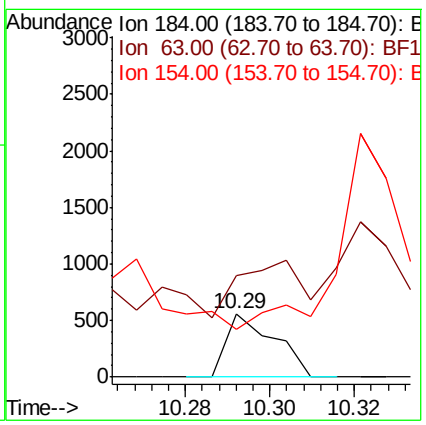


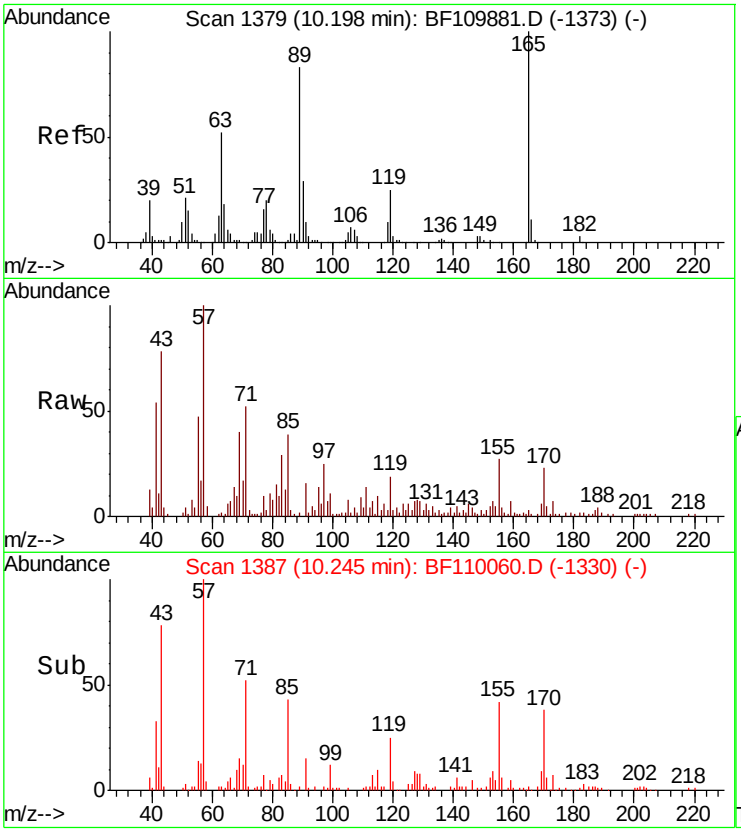


#54
2,4-Dinitrophenol
Concen: 9.248 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.21 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:184 Resp: 440

Ion	Ratio	Lower	Upper
184	100		
63	159.4	55.8	83.6#
154	74.3	63.2	94.8



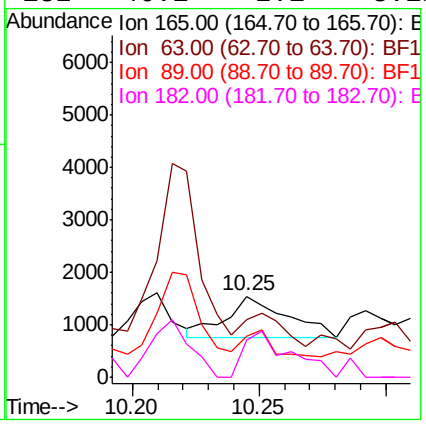


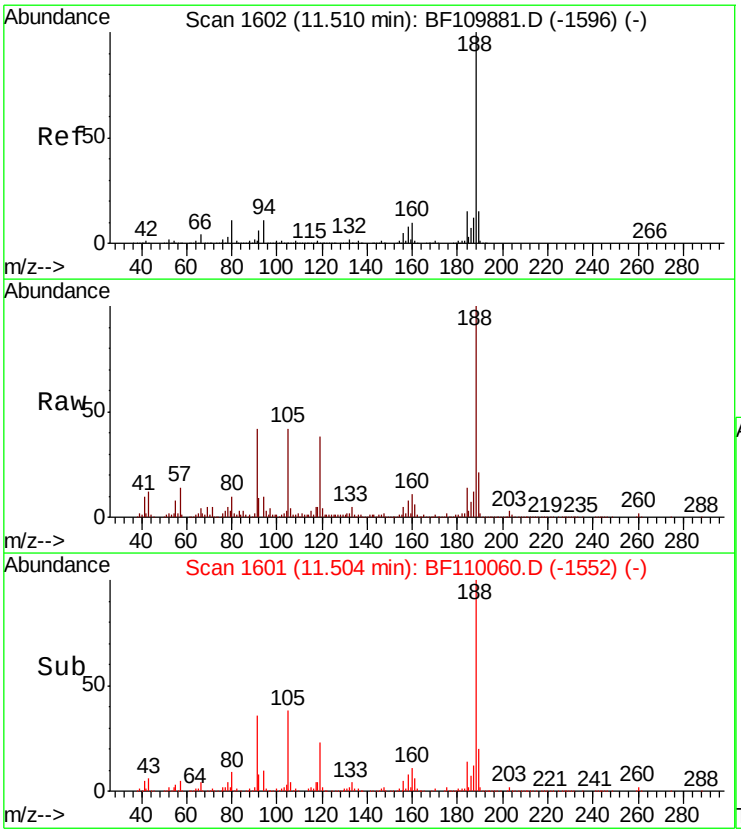
#57
2,4-Dinitrotoluene
Concen: 4.840 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.04 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1299

Ion	Ratio	Lower	Upper
165	100		
63	70.8	44.8	67.2#
89	51.4	62.2	93.4#
182	46.1	2.1	3.1#

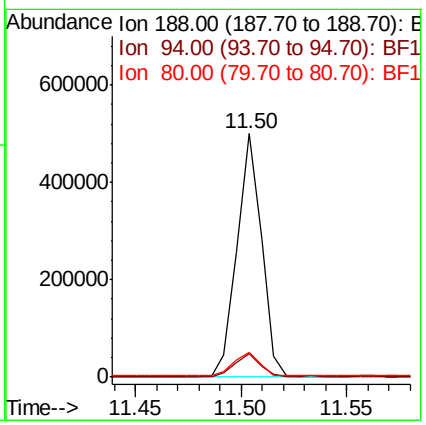


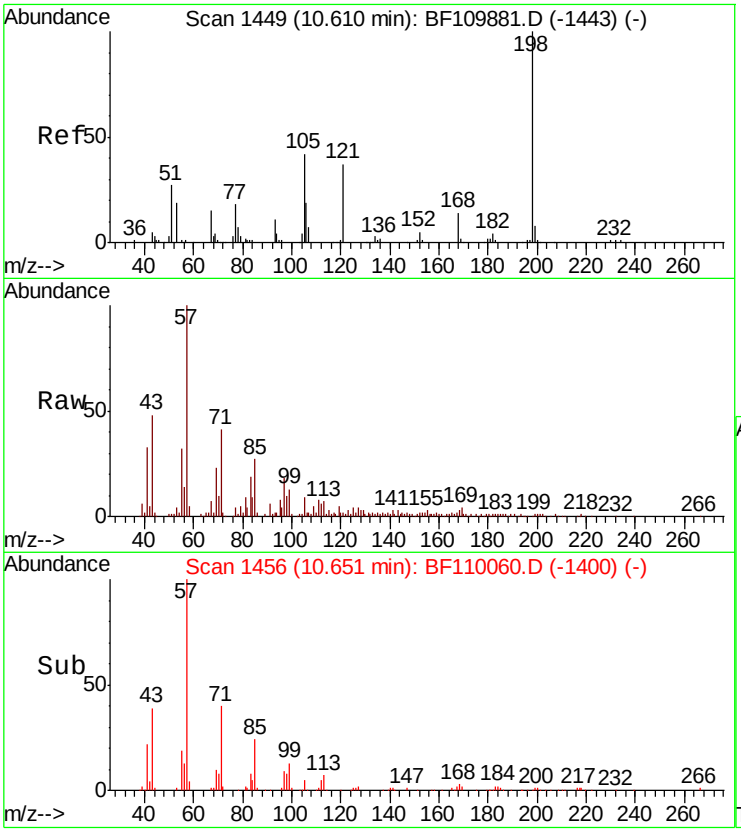


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:188 Resp: 400931

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.1	7.9	11.9



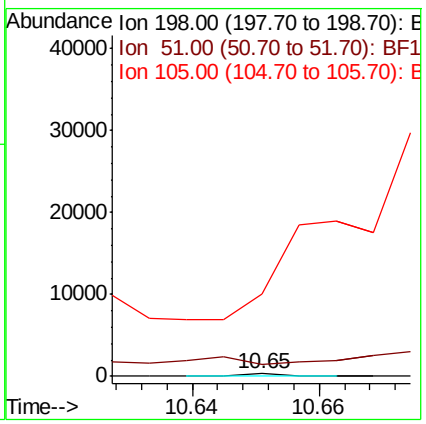


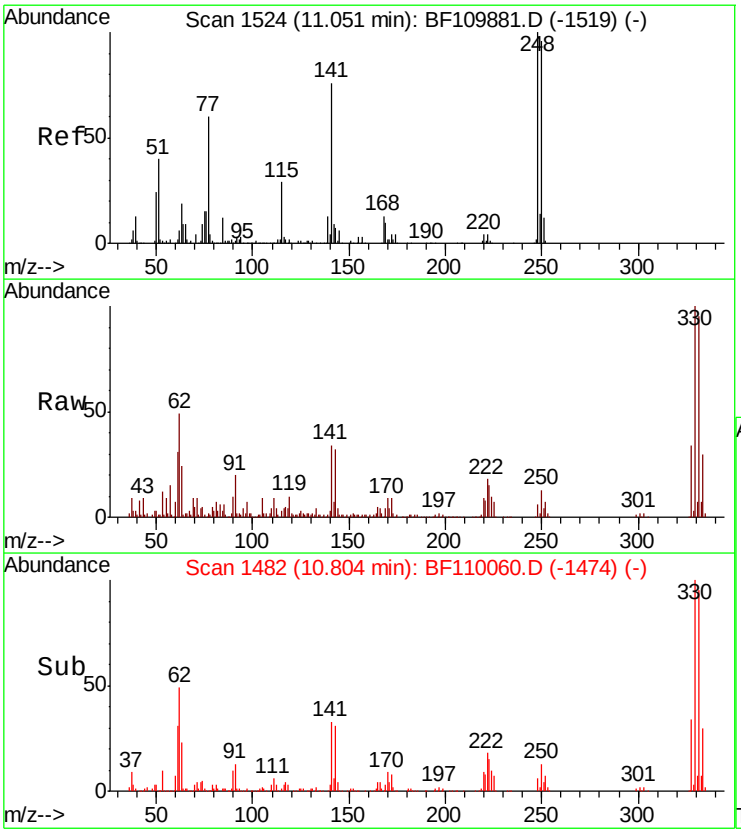
#65
4,6-Dinitro-2-methylphenol
Concen: 7.968 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.03 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 110

Ion	Ratio	Lower	Upper
198	100		
51	444.4	22.8	62.8#
105	3197.8	23.6	63.6#

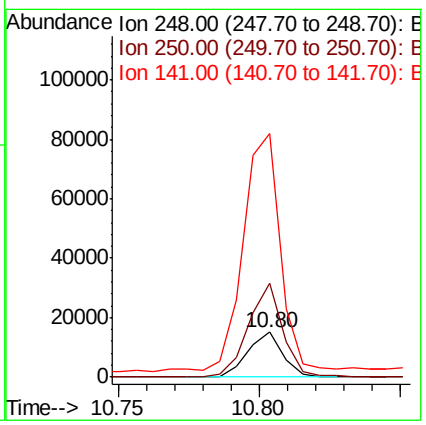


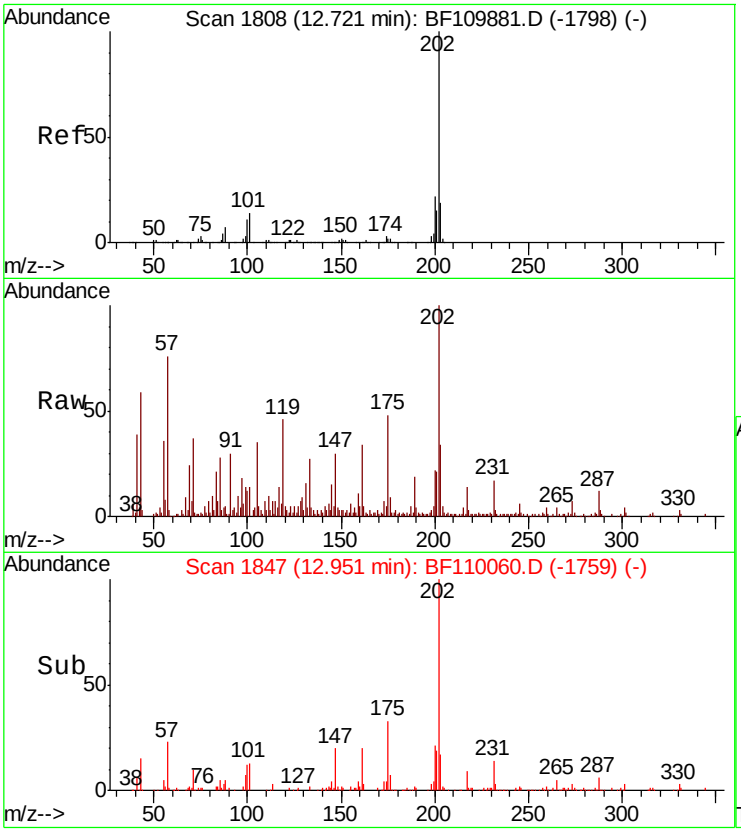


#67
4-Bromophenyl-phenylether
Concen: 2.999 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:248 Resp: 13030

Ion	Ratio	Lower	Upper
248	100		
250	207.6	79.4	119.2#
141	540.3	55.9	83.9#



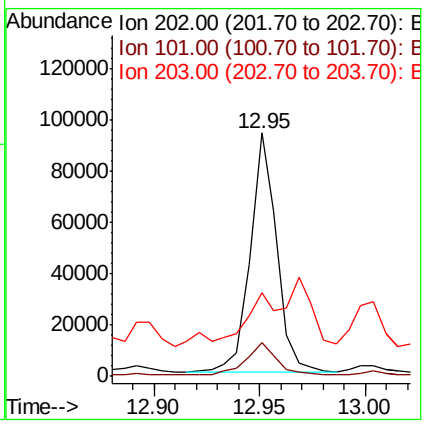


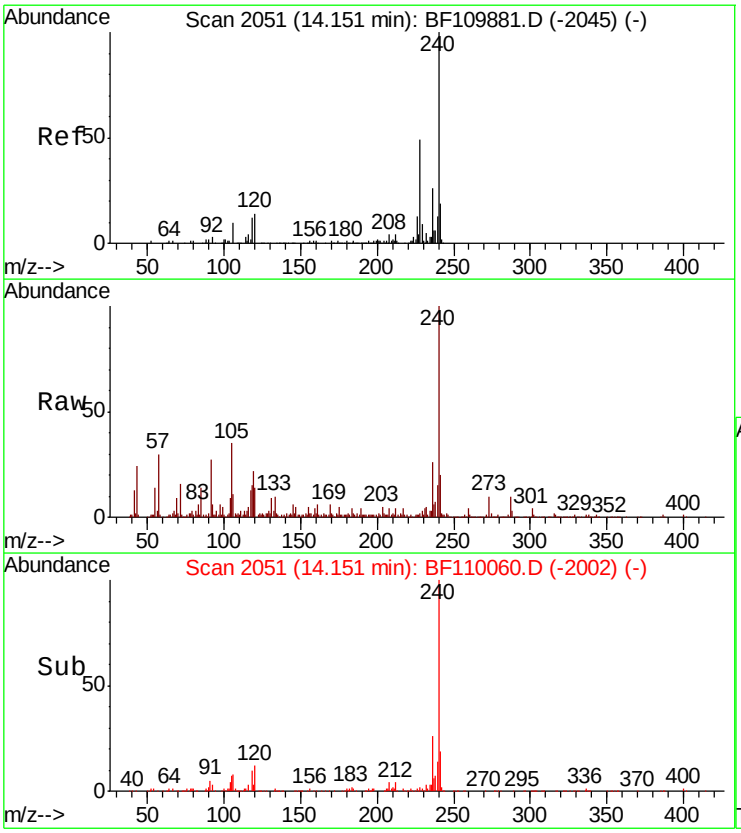
#75
Fluoranthene
Concen: 3.907 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.22 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 81014

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	31.4
203	34.1	0.0	37.7

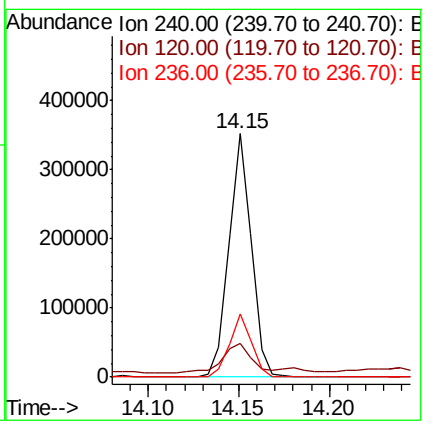


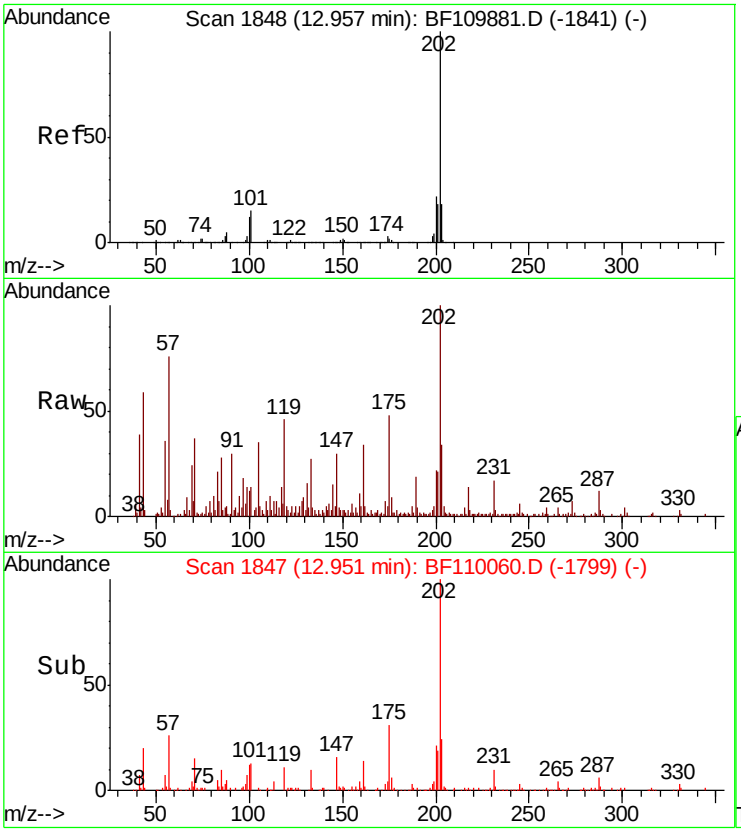


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:240 Resp: 302242

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.3	12.5#
236	25.9	21.2	31.8



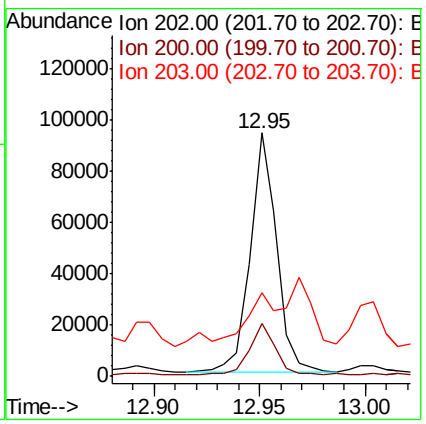


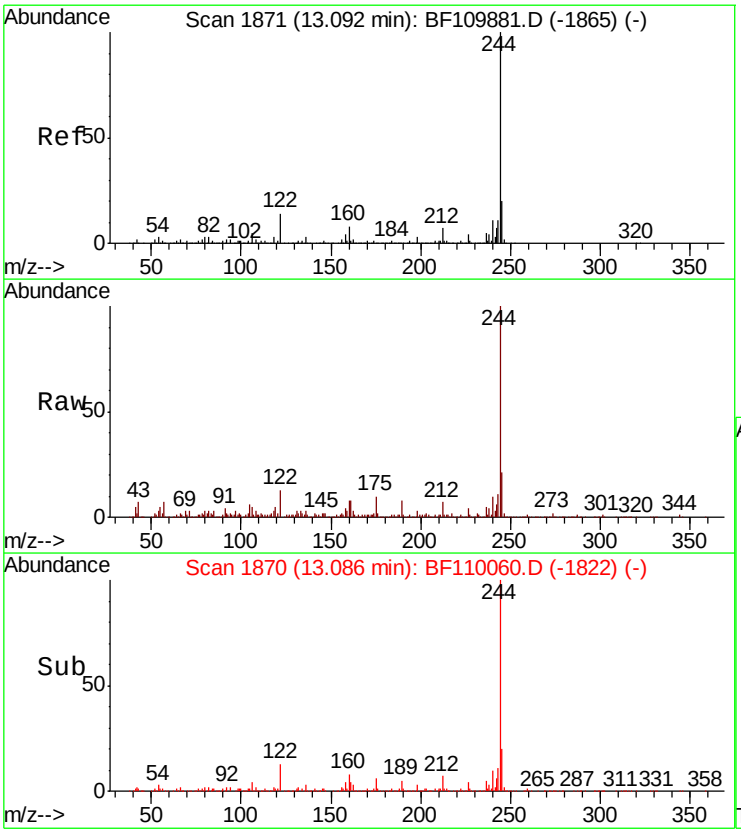
#78
Pyrene
Concen: 3.650 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 81035

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	34.1	14.2	21.4#

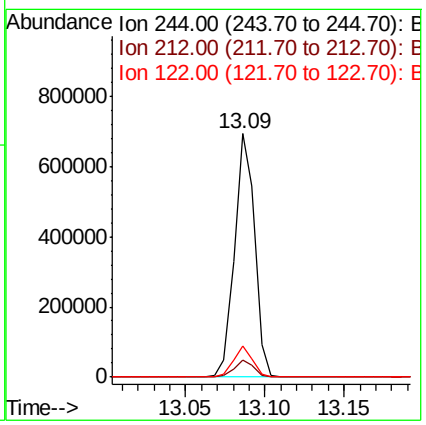


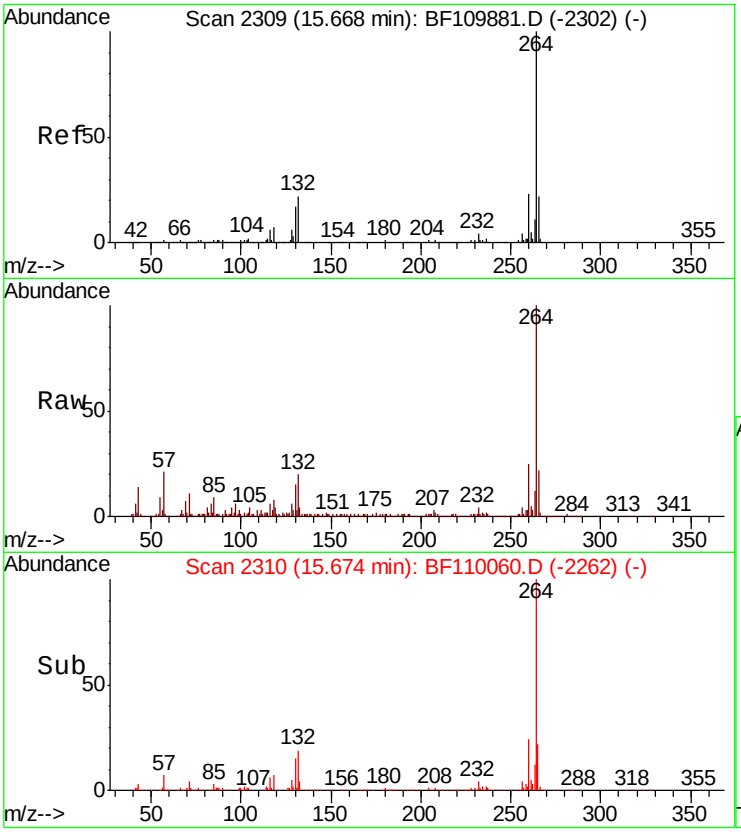


#79
Terphenyl-d14
Concen: 42.232 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:244 Resp: 607840

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.8	8.7	13.1



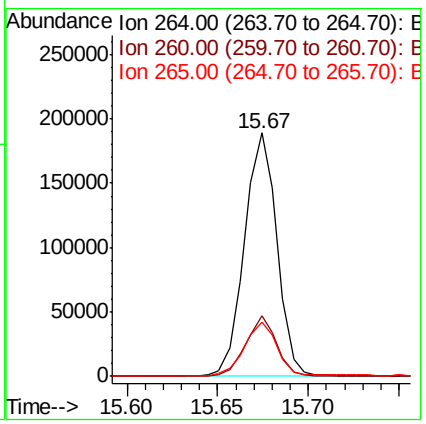


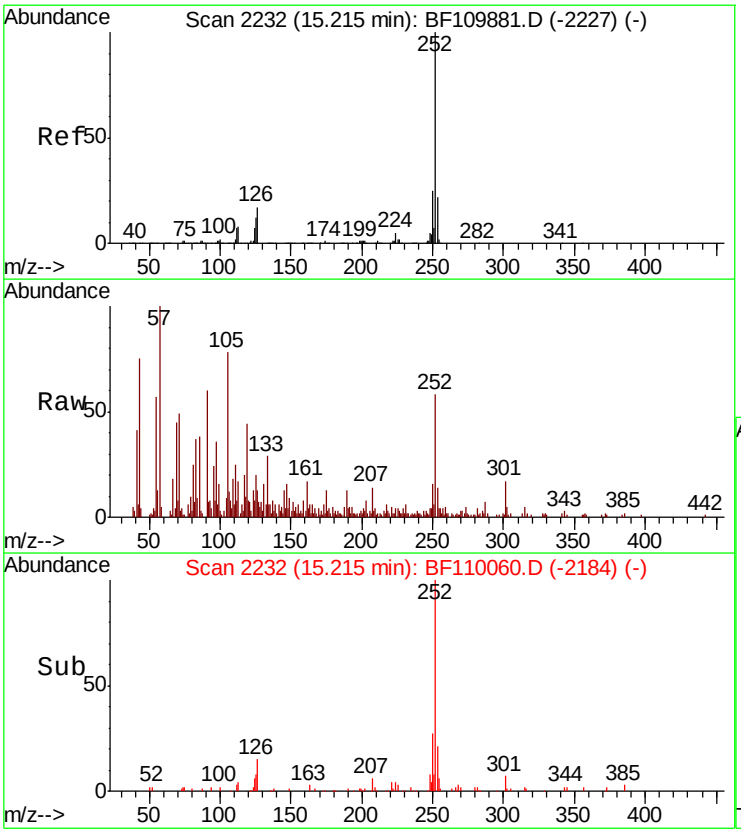
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 235265

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

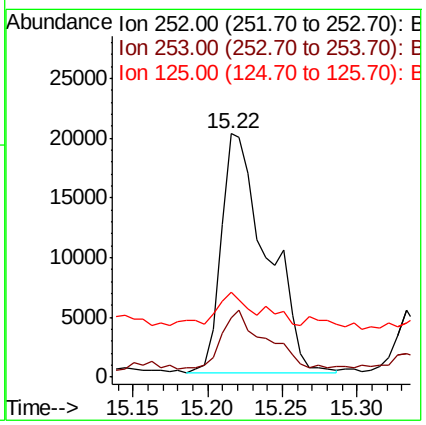


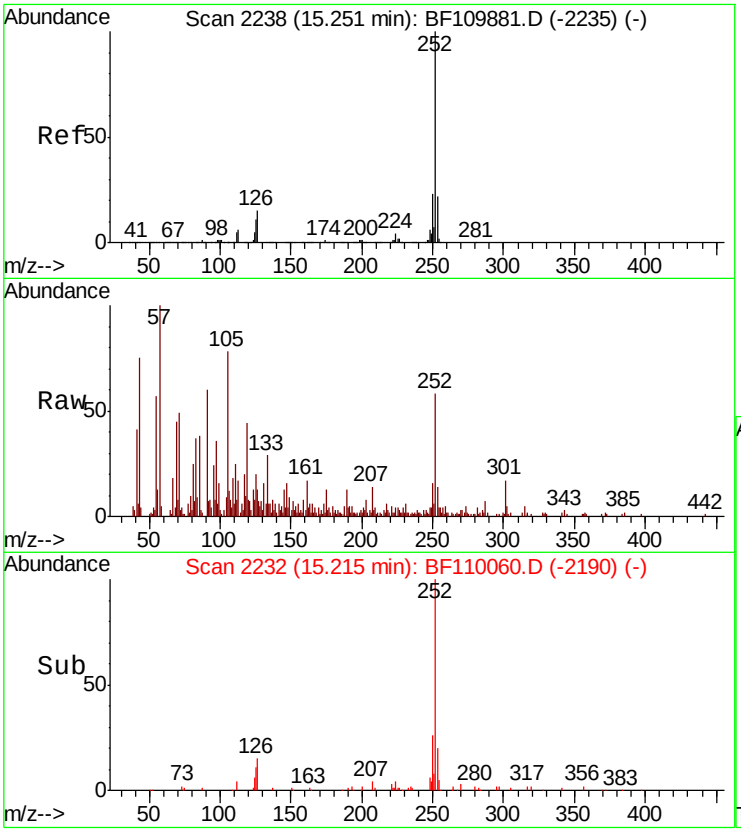


#88
Benzo(b)fluoranthene
Concen: 3.146 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:252 Resp: 42666

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	34.8	8.2	12.4#



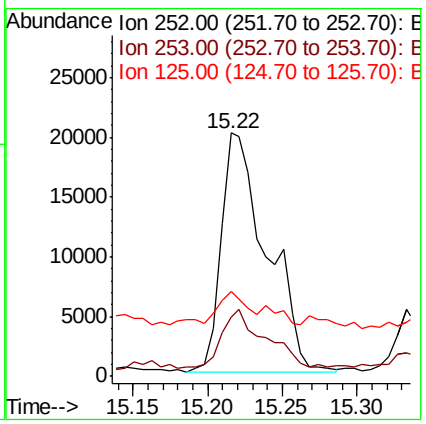


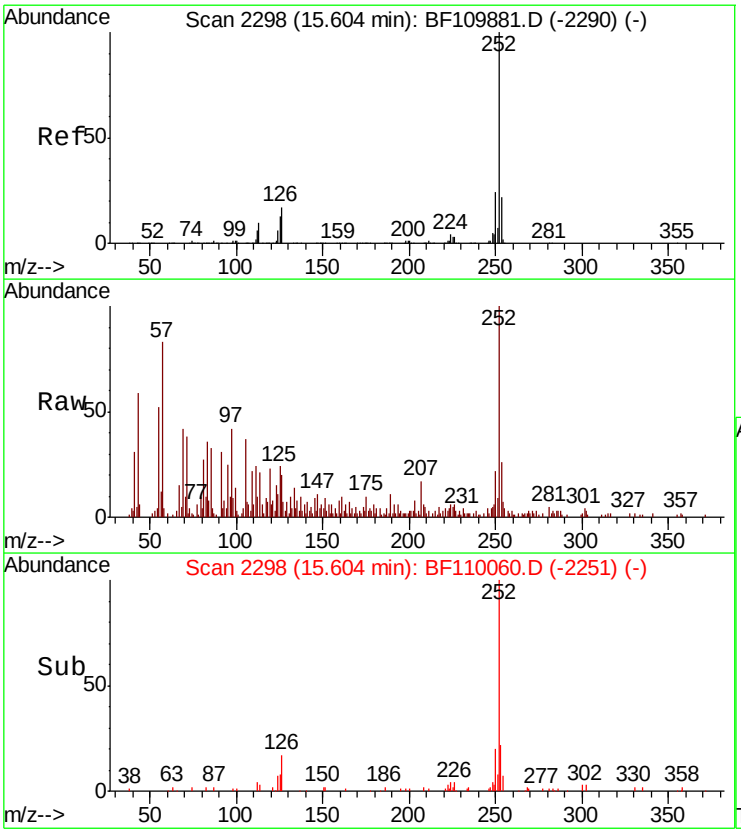
#89
Benzo(k)fluoranthene
Concen: 3.191 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.05 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 42666

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	34.8	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.424 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110060.D
Acq: 22 Oct 2018 20:20

Tgt Ion:252 Resp: 30234

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.4
125	23.9	9.0	13.6#