Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110218.D
Acq On : 26 Oct 2018 19:10
Operator : JU/SJ
Sample : J5624-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 26 23:40:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130445	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	517265	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	198344	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	311120	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	233715	20.00	ng	-0.01
87) Perylene-d12	15.67	264	155796	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	118886	14.84	ng	-0.02
7) Phenol-d6	6.58	99	159562	15.57	ng	-0.02
23) Nitrobenzene-d5	7.52	82	92793	10.64	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	18478	9.40	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	177808	14.08	ng	-0.02
79) Terphenyl-d14	13.09	244	125939	11.21	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	300	Below Cal	#	1
10) Phenol	6.59	94	22038	2.012	ng	# 66
25) Isophorone	7.52	82	92792	6.242	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	25505	8.087	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	25505	6.367	ng	# 19

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

Quantitation Report (Not Reviewed)

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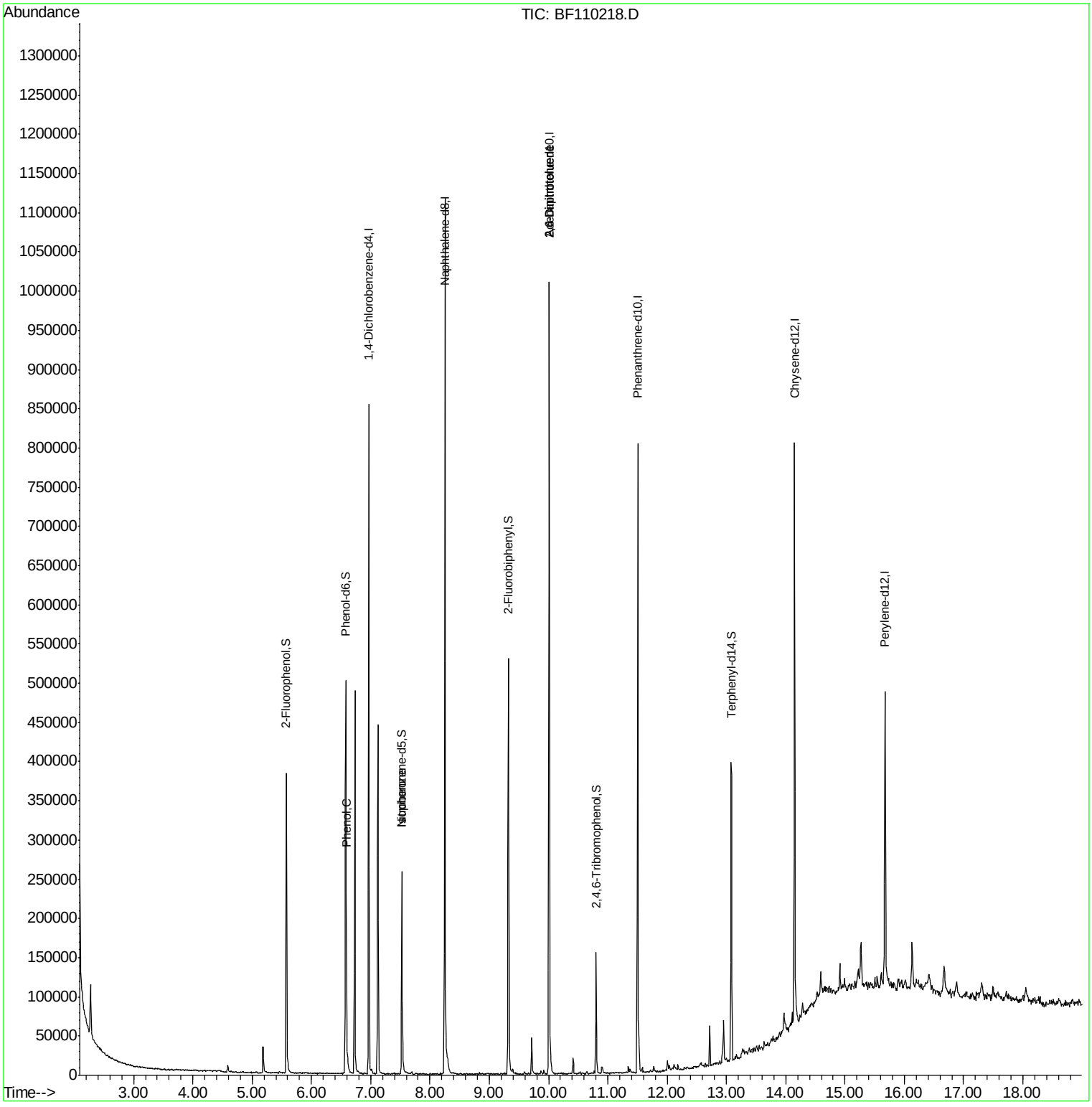
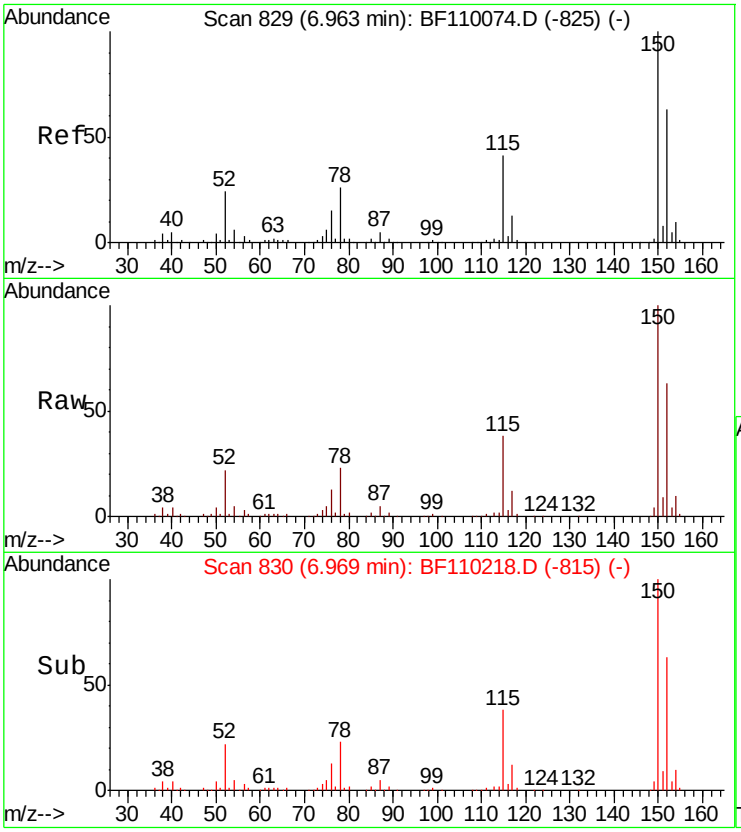


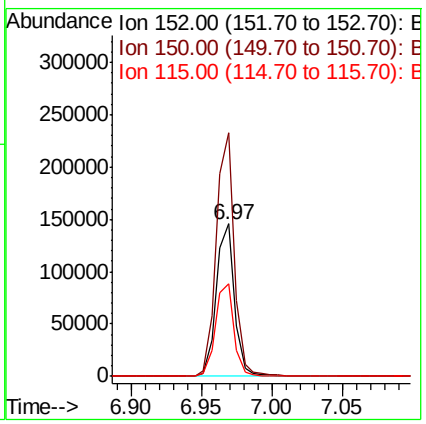


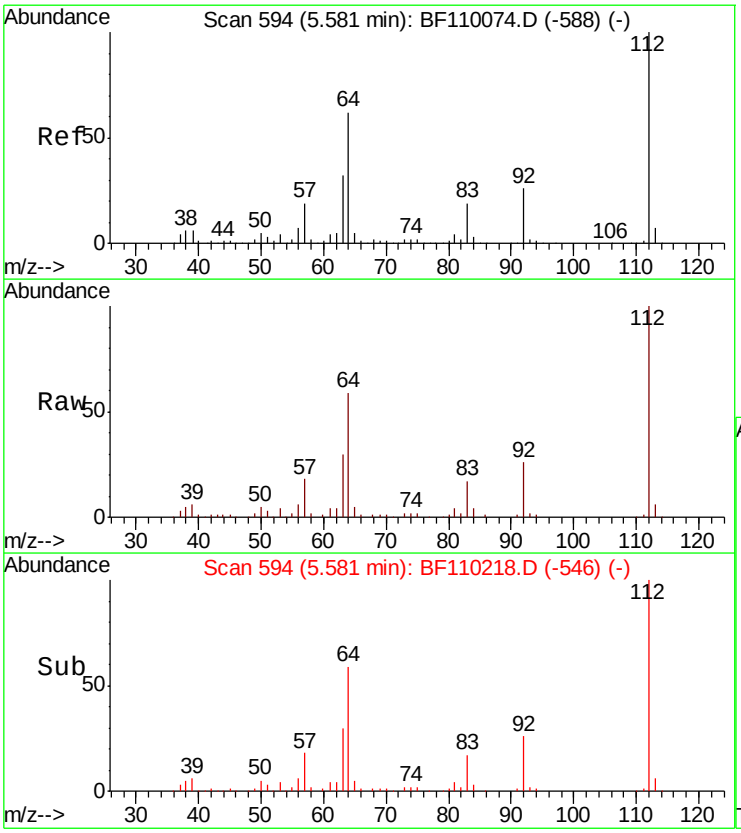
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130445

Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.7	184.1
115	61.0	49.1	73.7

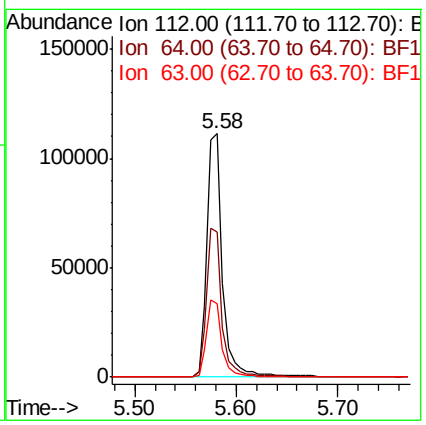


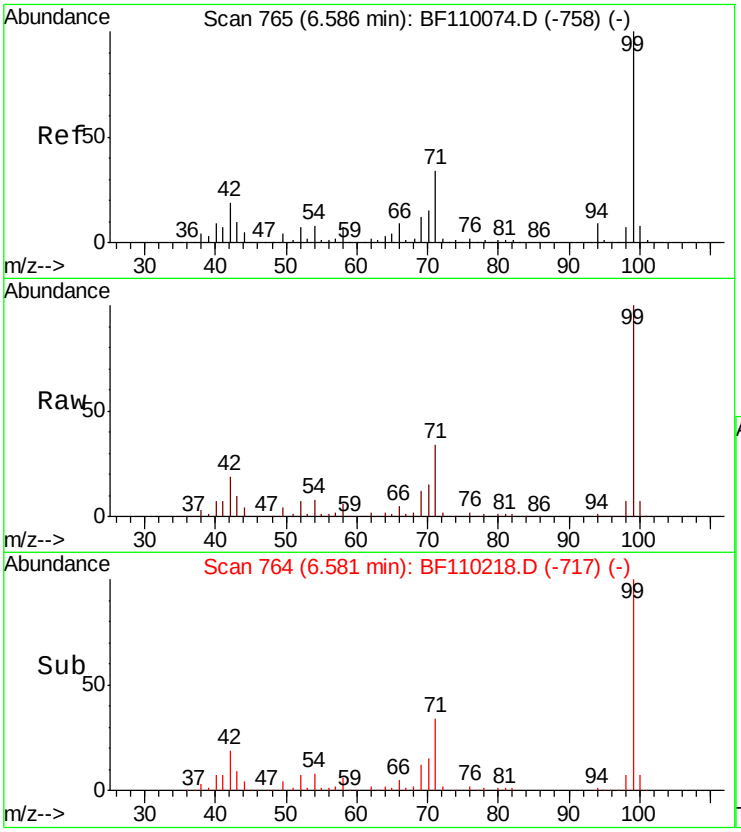


#5
2-Fluorophenol
Concen: 14.842 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:112 Resp: 118886

Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	30.2	23.7	35.5



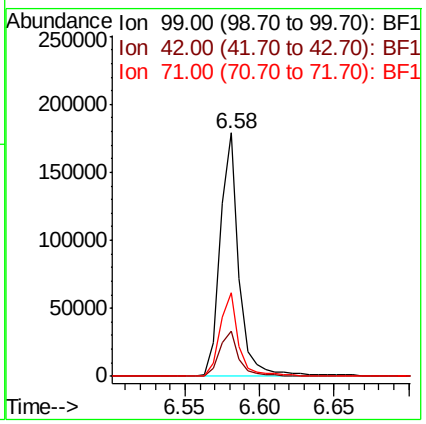


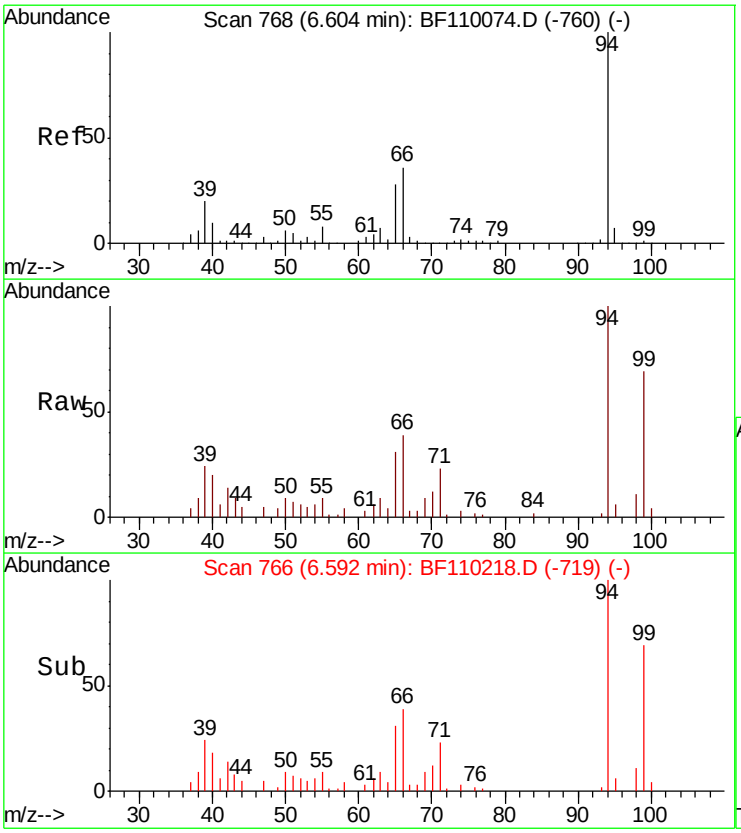
#7
Phenol-d6
Concen: 15.573 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 159562

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.6
71	34.1	28.0	42.0

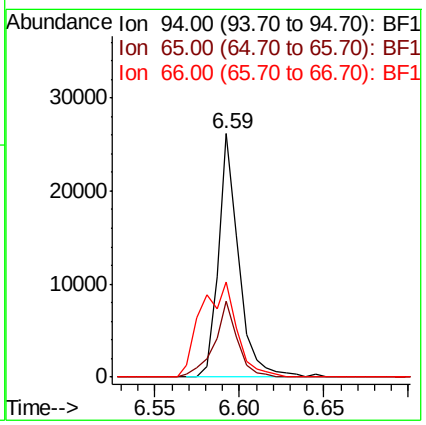


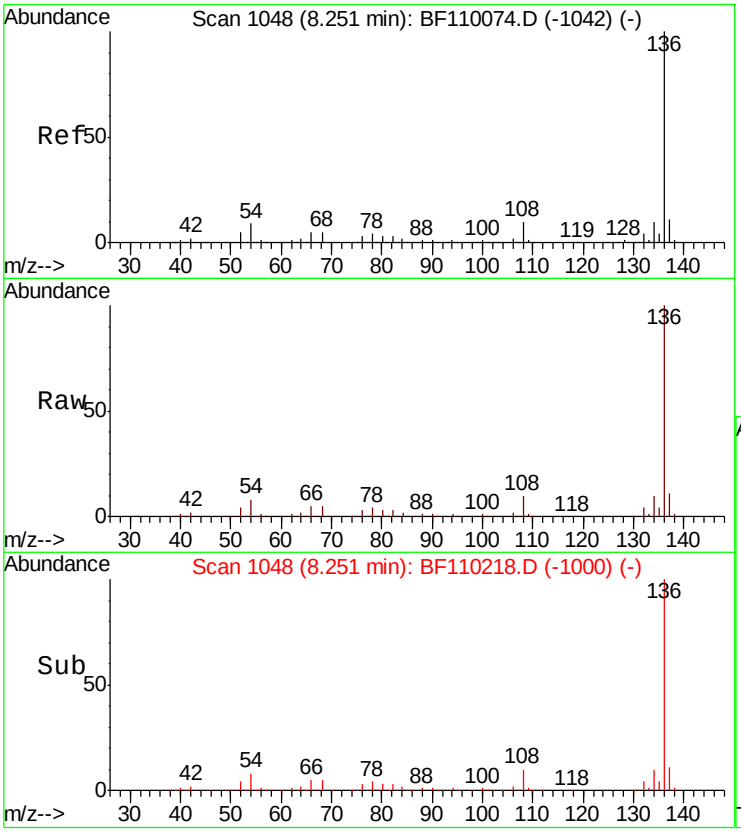


#10
Phenol
Concen: 2.012 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion: 94 Resp: 22038

Ion	Ratio	Lower	Upper
94	100		
65	31.1	25.3	65.3
66	39.0	54.5	94.5#



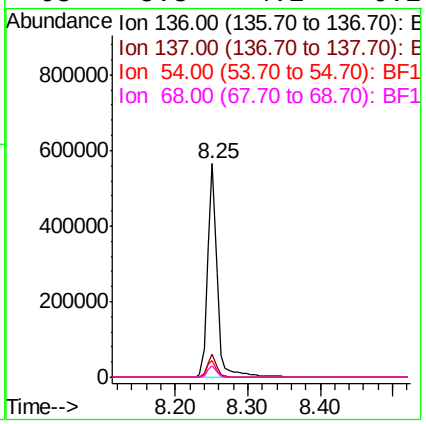


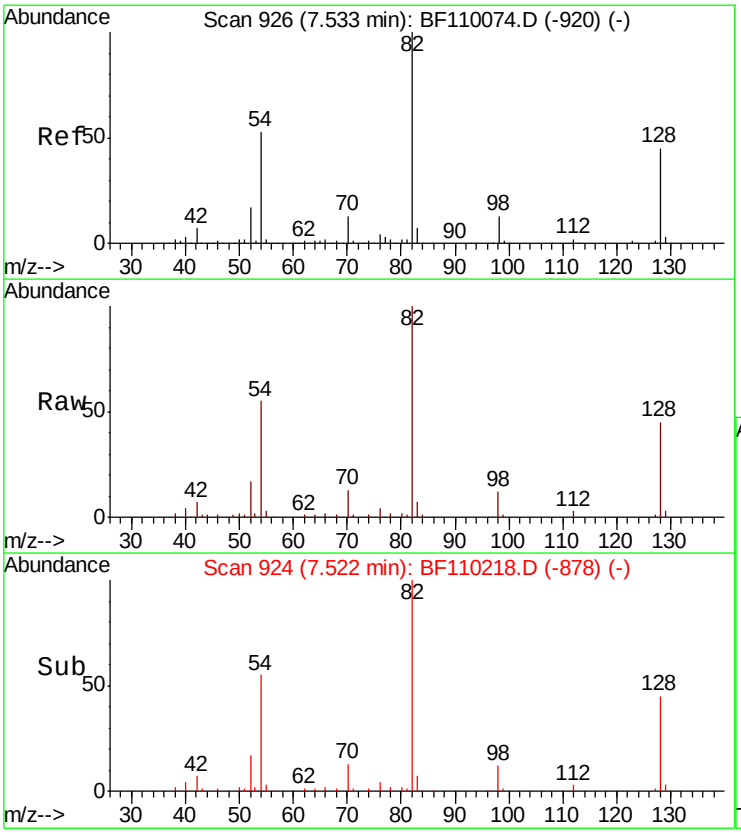
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 517265

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	5.4	8.2
68	5.3	4.2	6.2

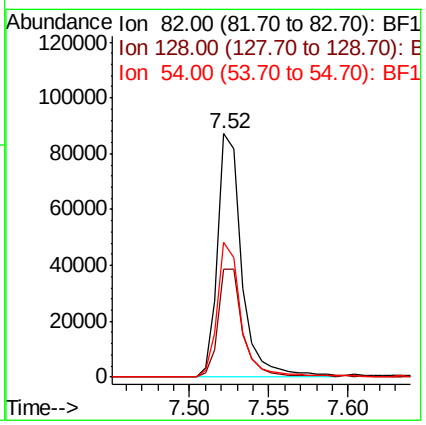


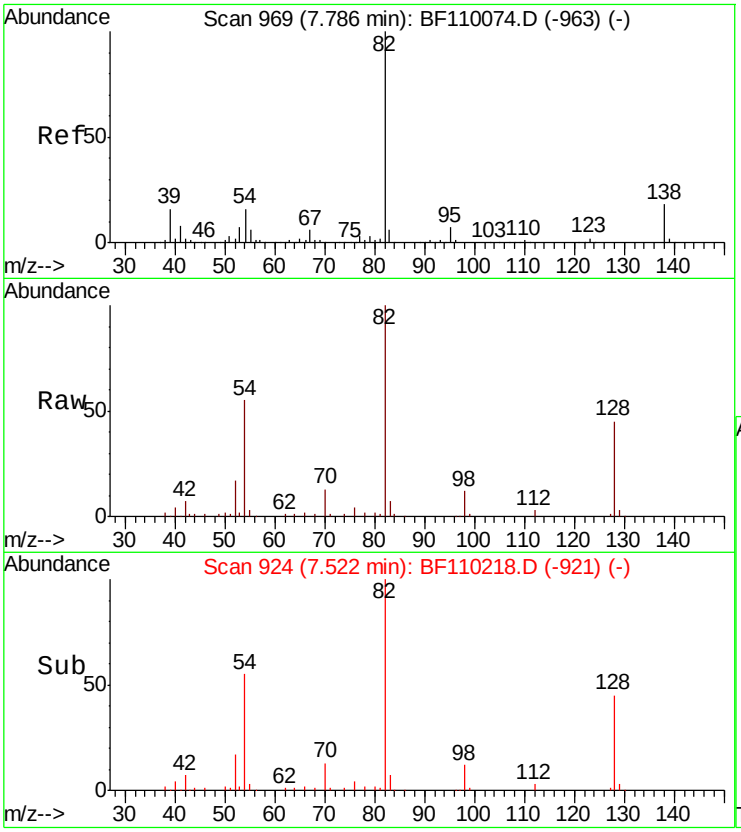


#23
Nitrobenzene-d5
Concen: 10.640 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion: 82 Resp: 92793

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.2	51.2
54	55.4	38.6	58.0



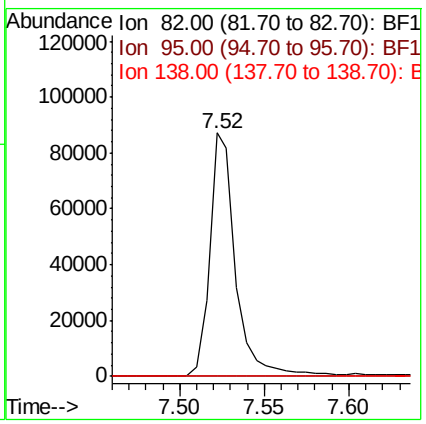


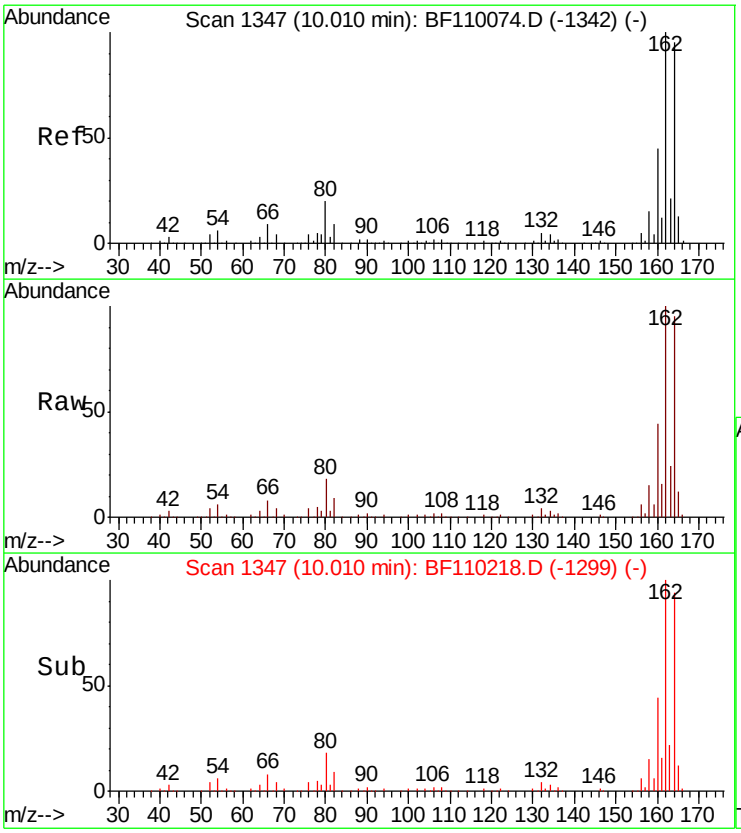
#25
Isophorone
Concen: 6.242 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.28 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 92792

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

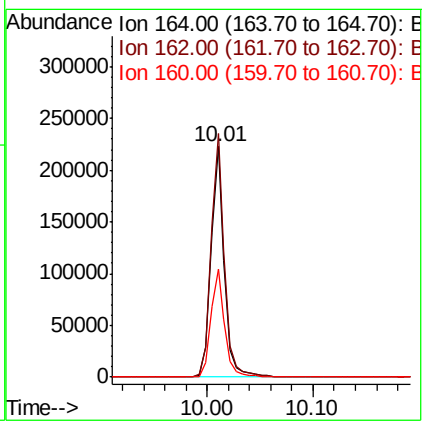


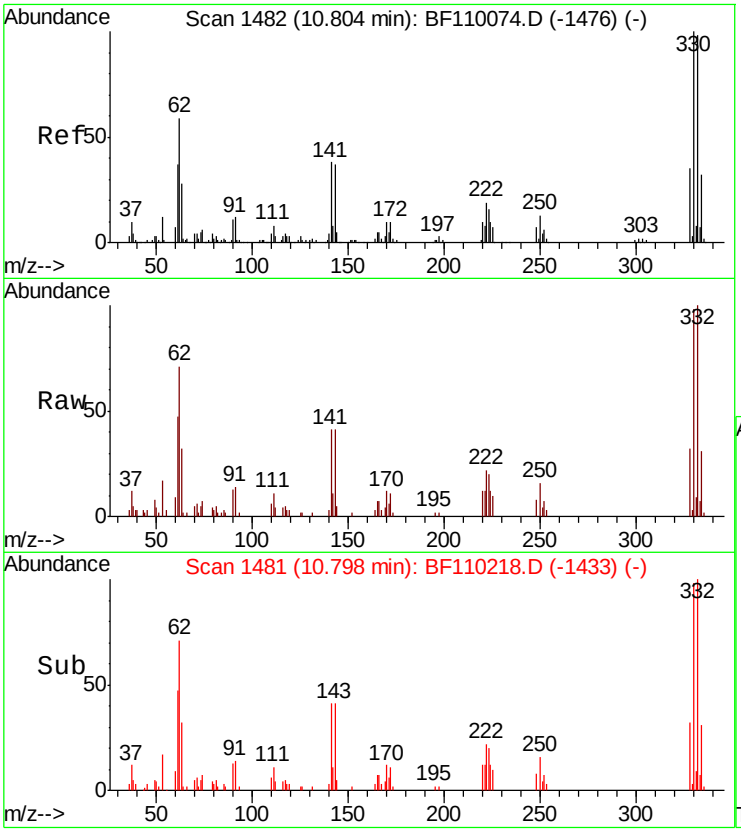


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:164 Resp: 198344

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.0	124.6
160	46.7	37.0	55.6



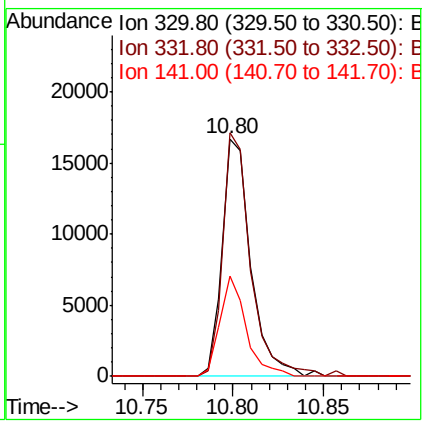


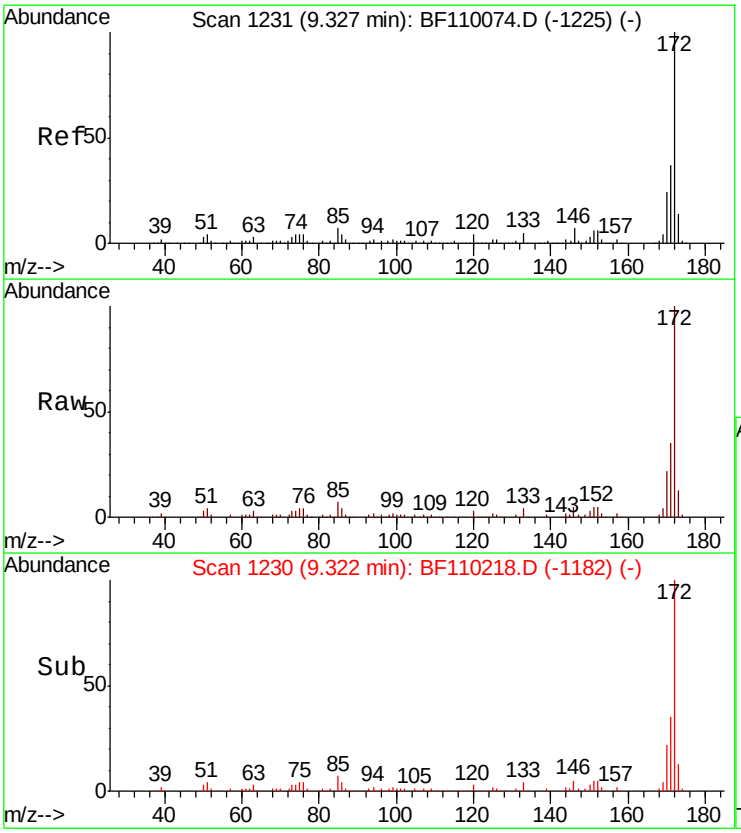
#42
2,4,6-Tribromophenol
Concen: 9.405 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 18478

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.1	115.7
141	38.1	27.0	40.4

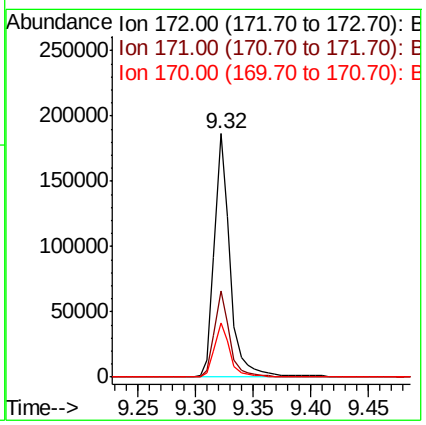


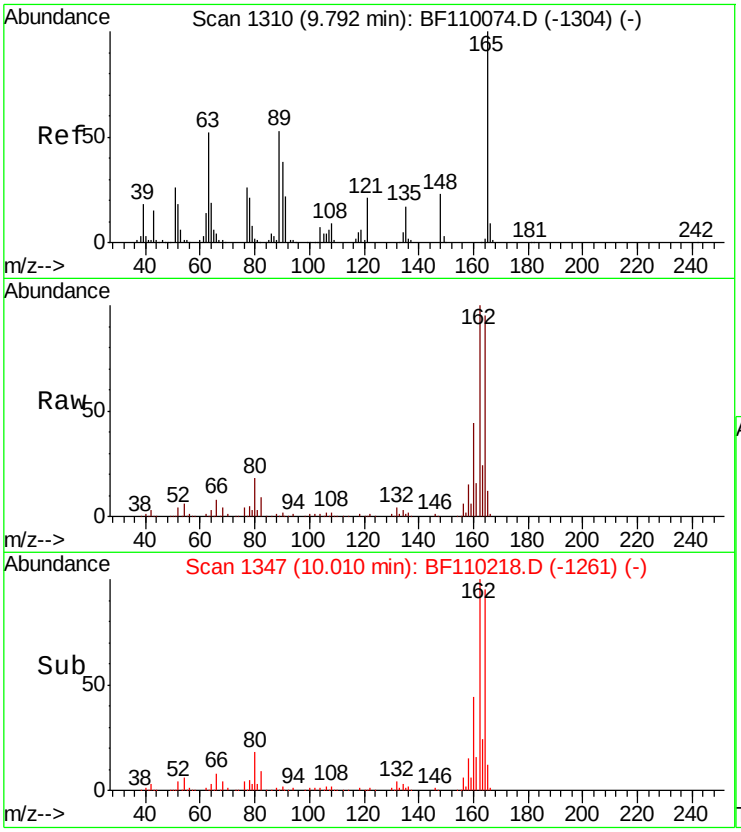


#45
2-Fluorobiphenyl
Concen: 14.077 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:172 Resp: 177808

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	22.3	19.7	29.5



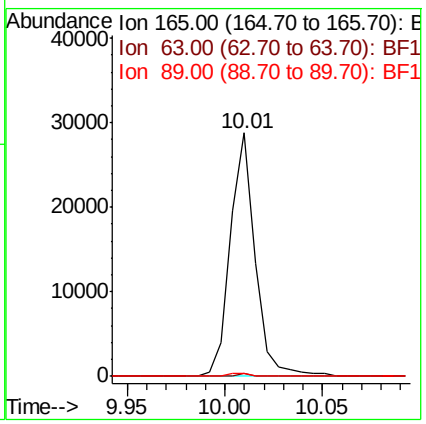


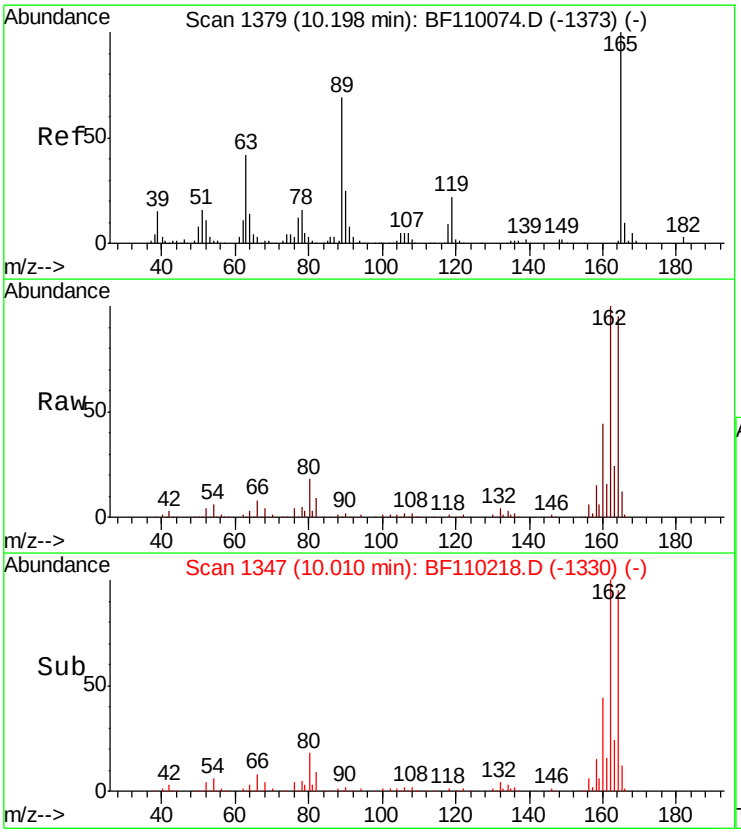
#51
2,6-Dinitrotoluene
Concen: 8.087 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25505

Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.9	73.3#
89	1.2	46.6	69.8#

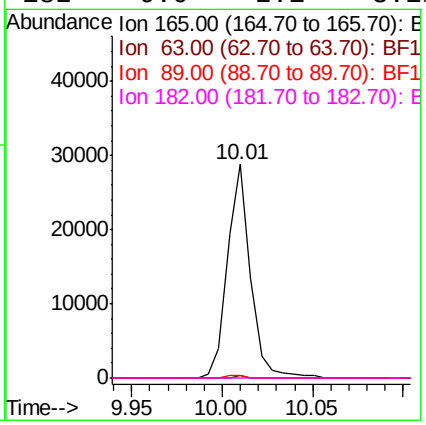


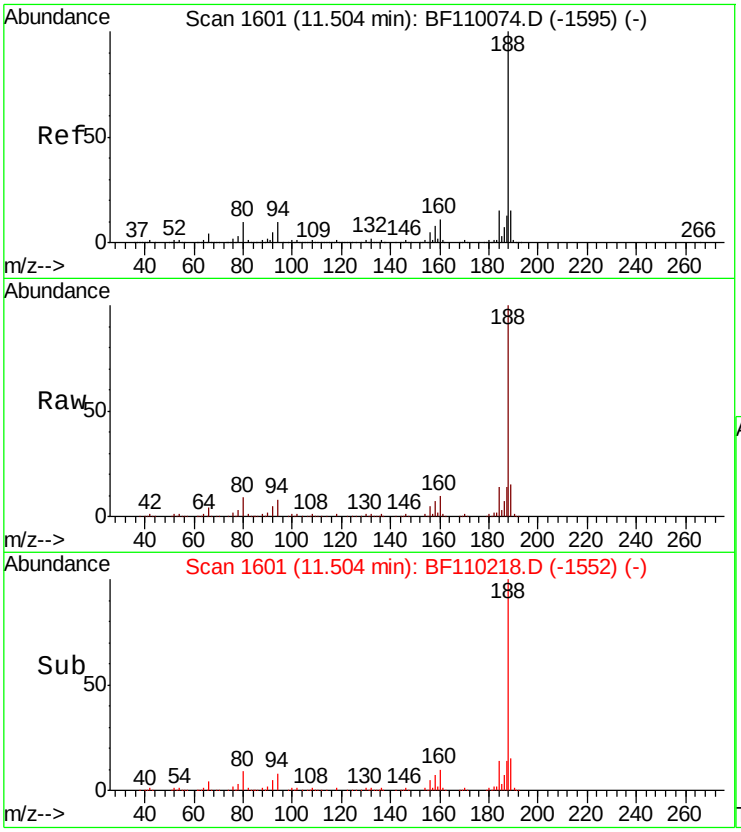


#57
2,4-Dinitrotoluene
Concen: 6.367 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:165 Resp: 25505

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#



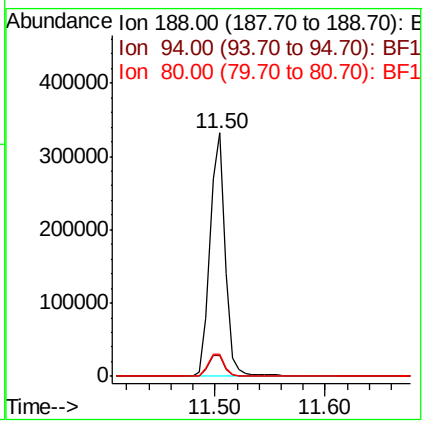


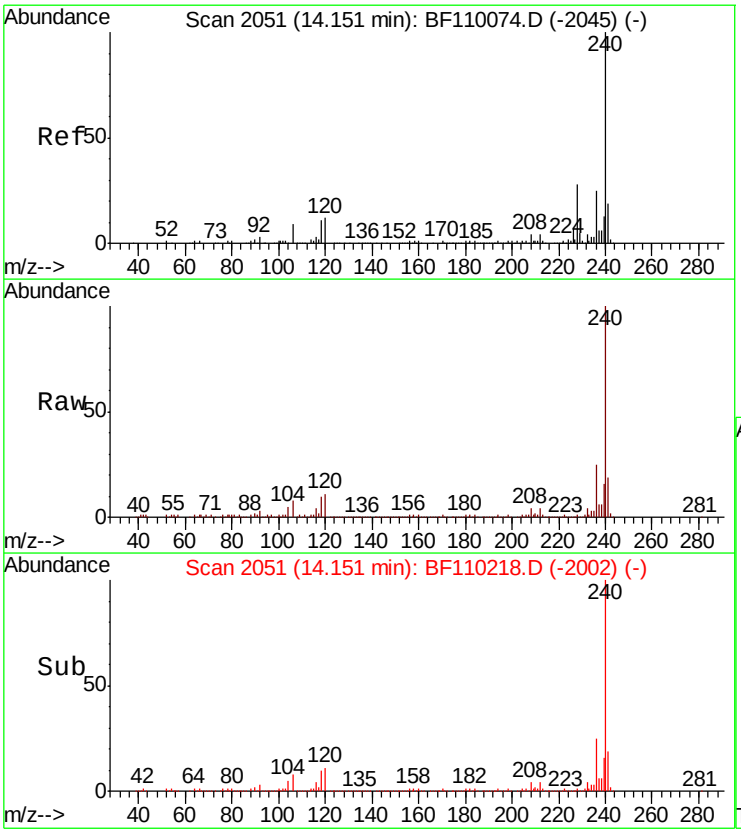
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 311120

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.9	7.9	11.9

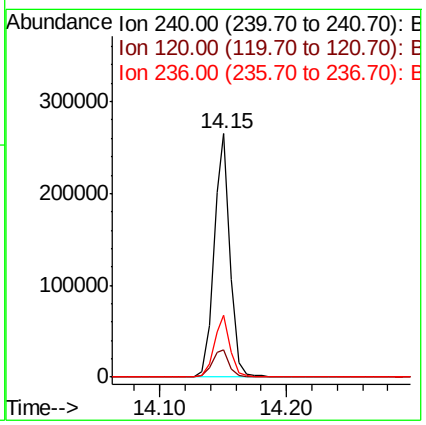


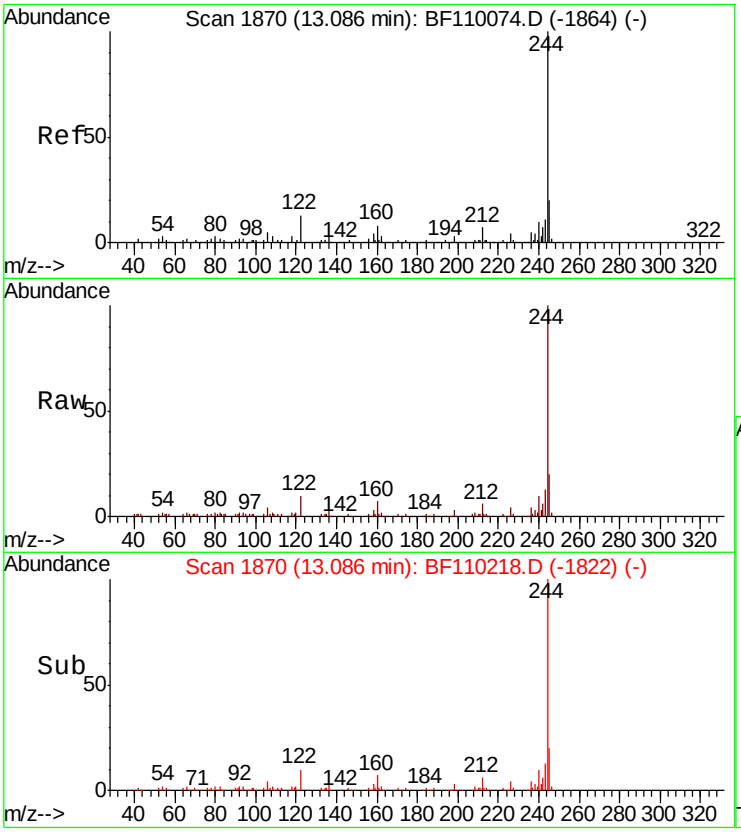


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:240 Resp: 233715

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.3	21.2	31.8



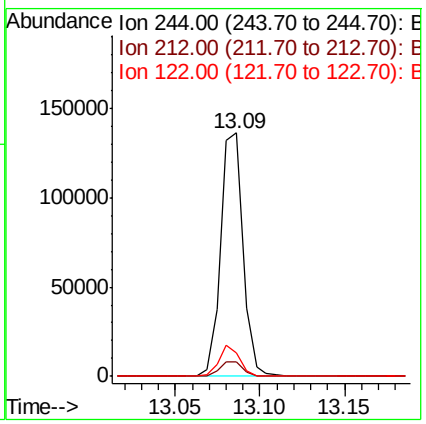


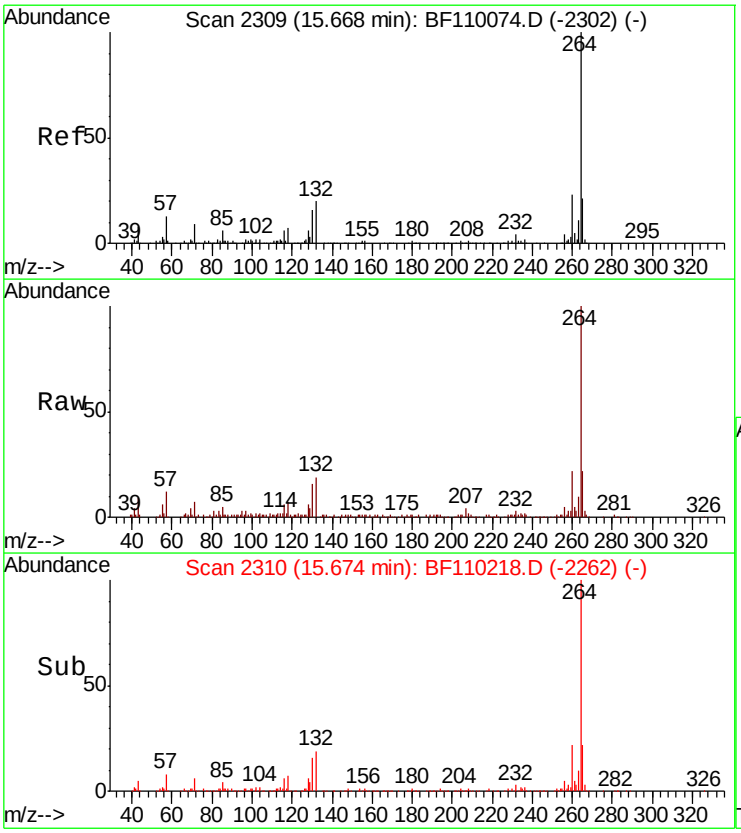
#79
Terphenyl-d14
Concen: 11.207 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 125939

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	9.8	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: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:264 Resp: 155796

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	22.1	16.7	25.1