Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110132.D
Acq On : 25 Oct 2018 00:04
Operator : JU/SJ
Sample : J4768-03 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:15:42 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	108881	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	393401	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	152170	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	278266	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	249985	20.00	ng	-0.01
87) Perylene-d12	15.68	264	176748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	40524	6.06	ng	-0.02
7) Phenol-d6	6.58	99	51568	6.03	ng	-0.02
23) Nitrobenzene-d5	7.52	82	25241	3.81	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	7920	5.25	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	54922	5.67	ng	-0.02
79) Terphenyl-d14	13.09	244	57782	4.81	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	911	Below Cal	#	58
25) Isophorone	7.52	82	25241	2.233	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	19714	8.148	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	19714	6.415	ng	# 19

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

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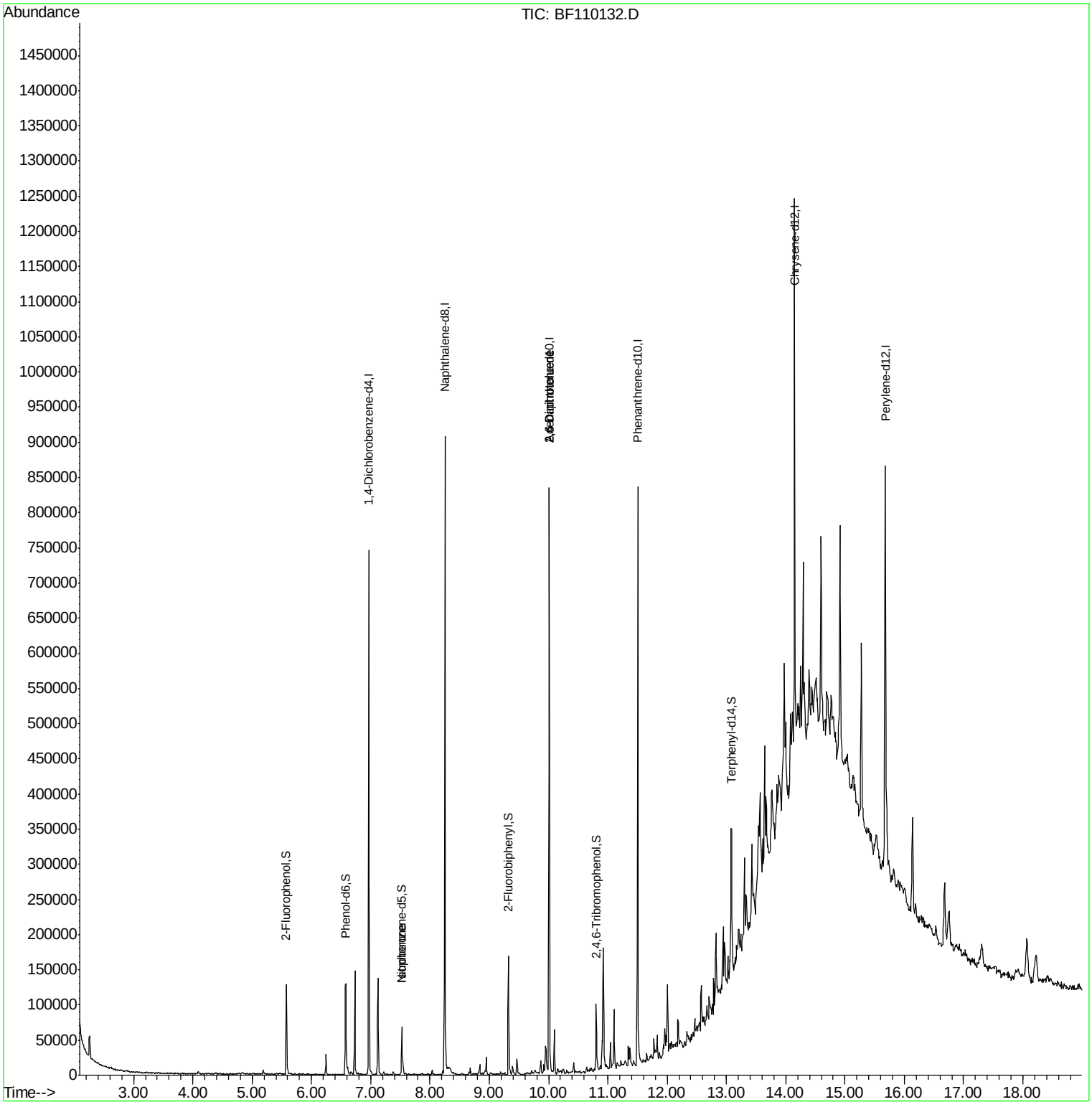
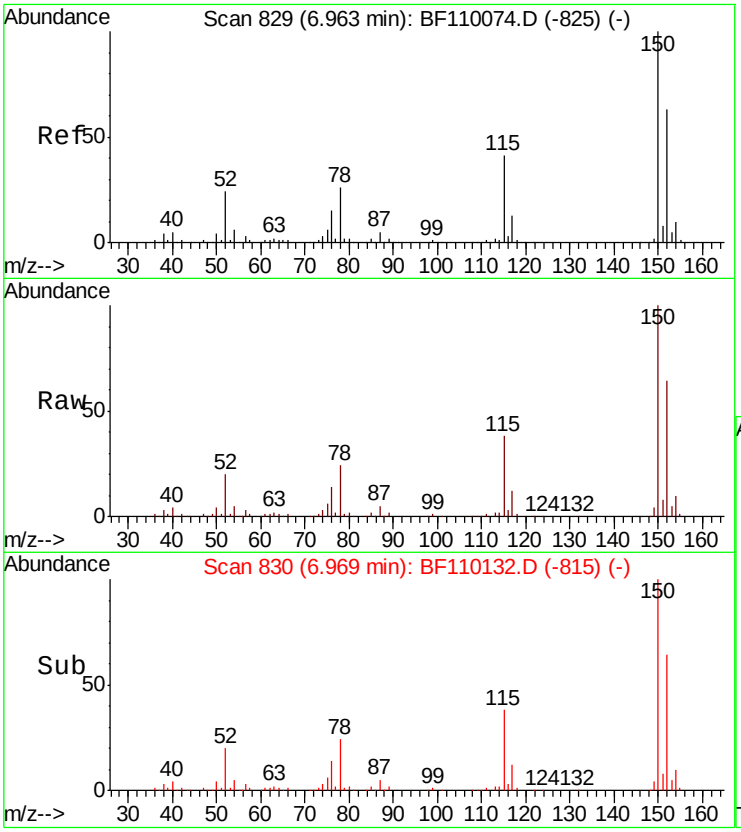


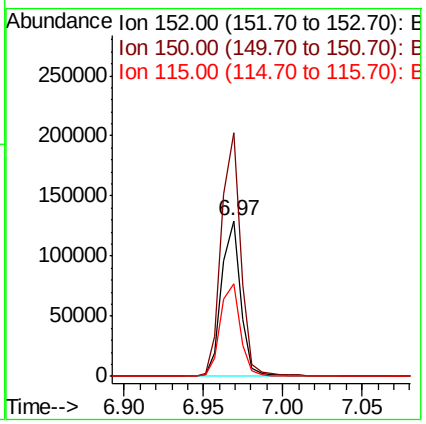


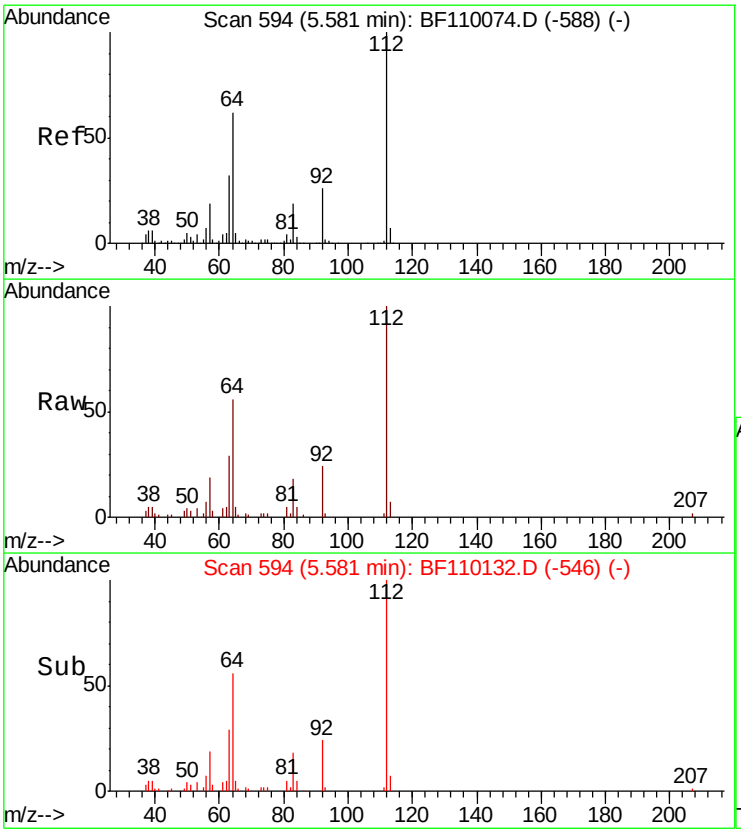
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108881

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	59.7	49.1	73.7

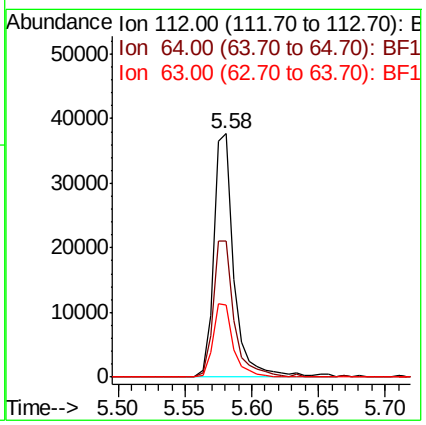


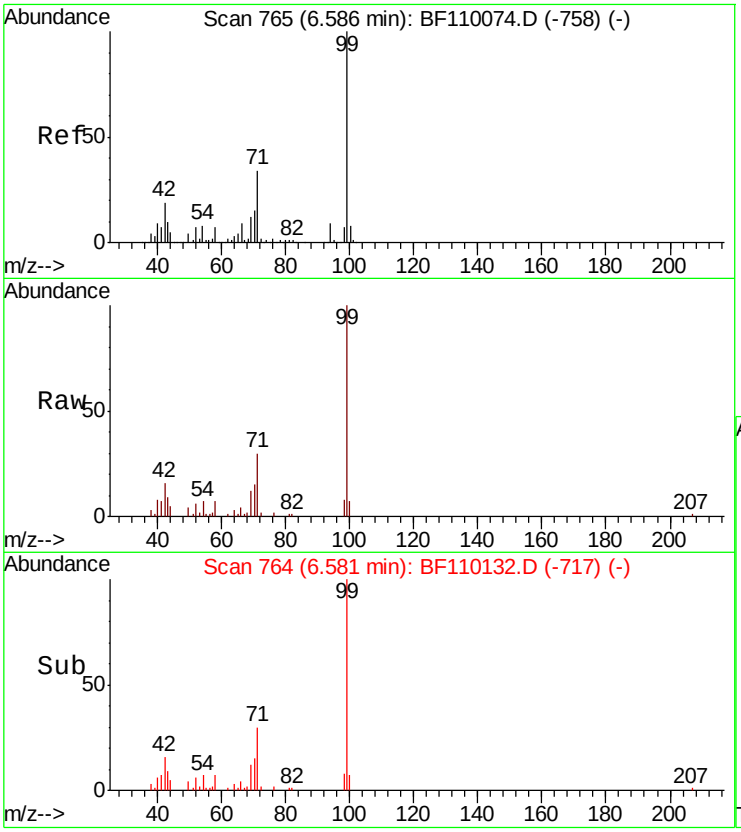


#5
2-Fluorophenol
Concen: 6.061 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:112 Resp: 40524

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.1	66.1
63	29.5	23.7	35.5

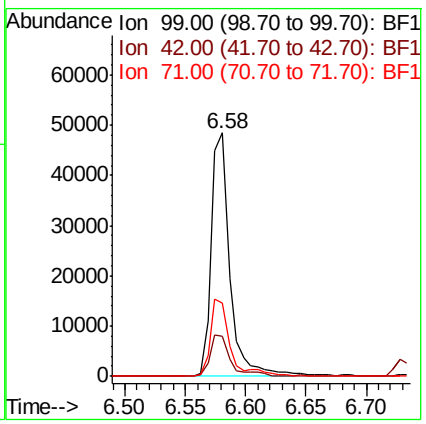




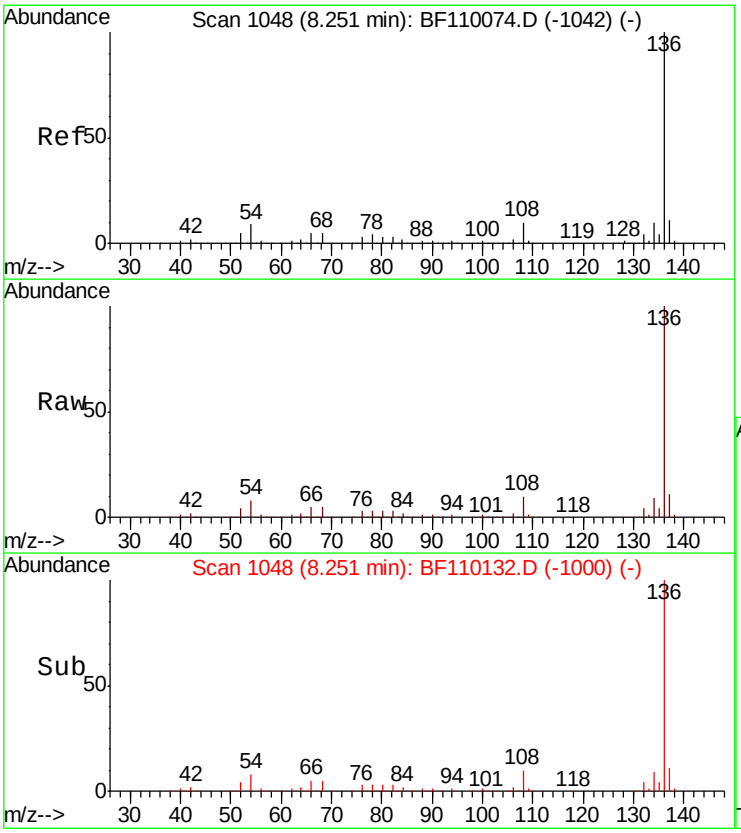
#7
Phenol-d6
Concen: 6.030 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion: 99 Resp: 51568

Ion	Ratio	Lower	Upper
99	100		
42	16.3	15.8	23.6
71	30.2	28.0	42.0



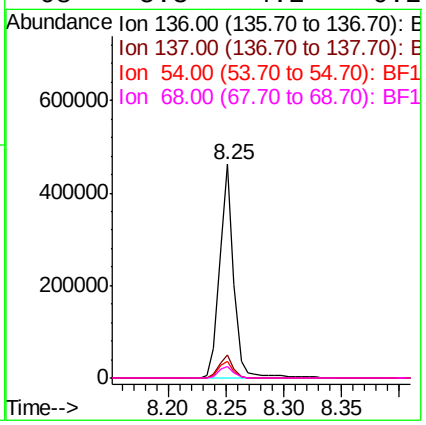
Instrument :
BNA_F
ClientSampleId :

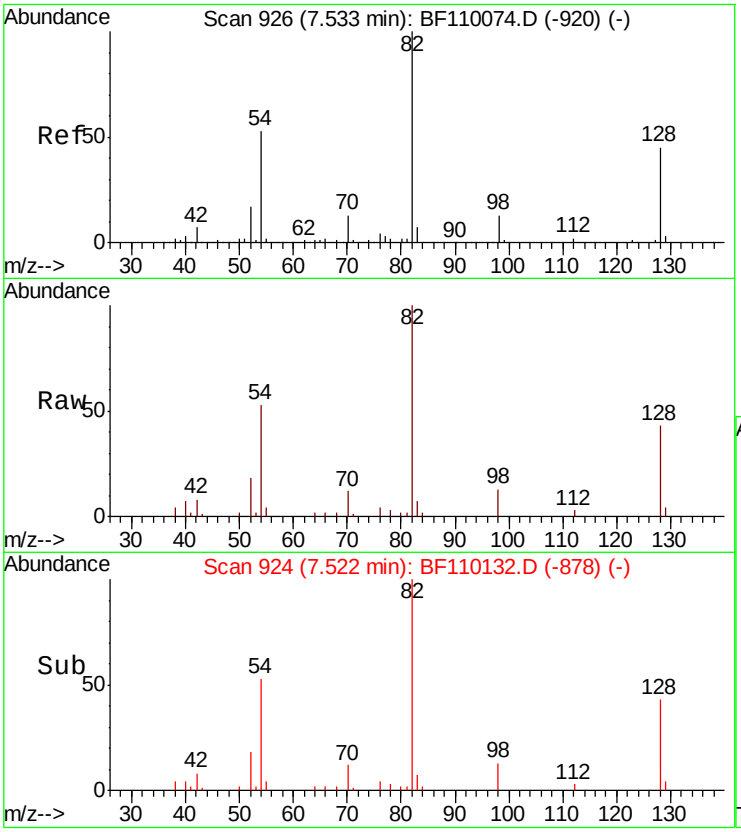


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:136 Resp: 393401

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	5.4	8.2
68	5.3	4.2	6.2



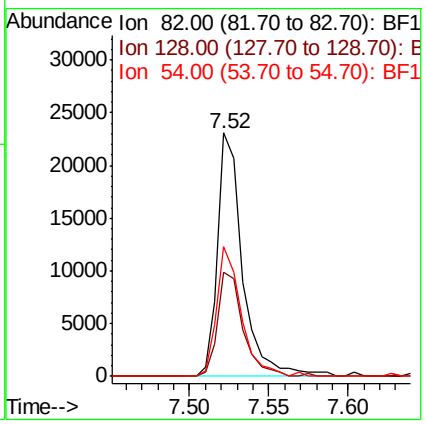


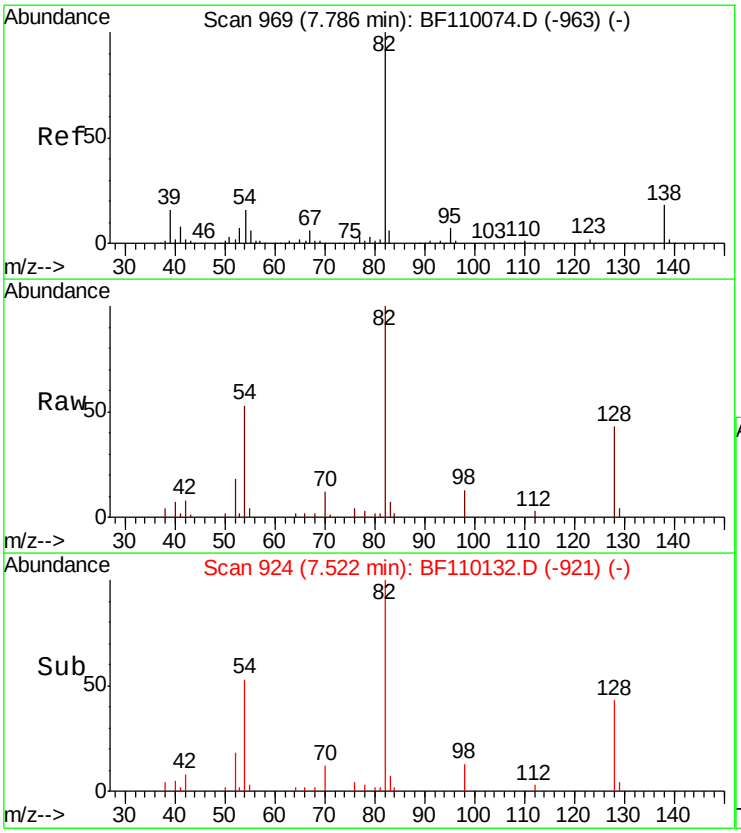
#23
Nitrobenzene-d5
Concen: 3.806 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 25241

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.2	51.2
54	53.2	38.6	58.0

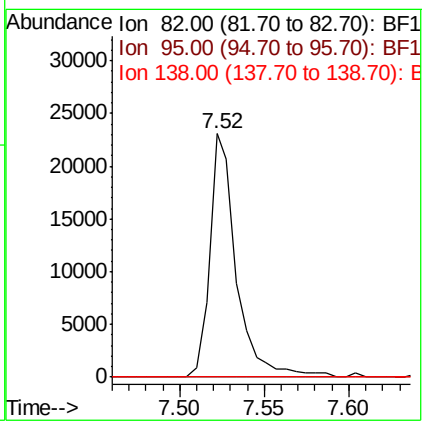


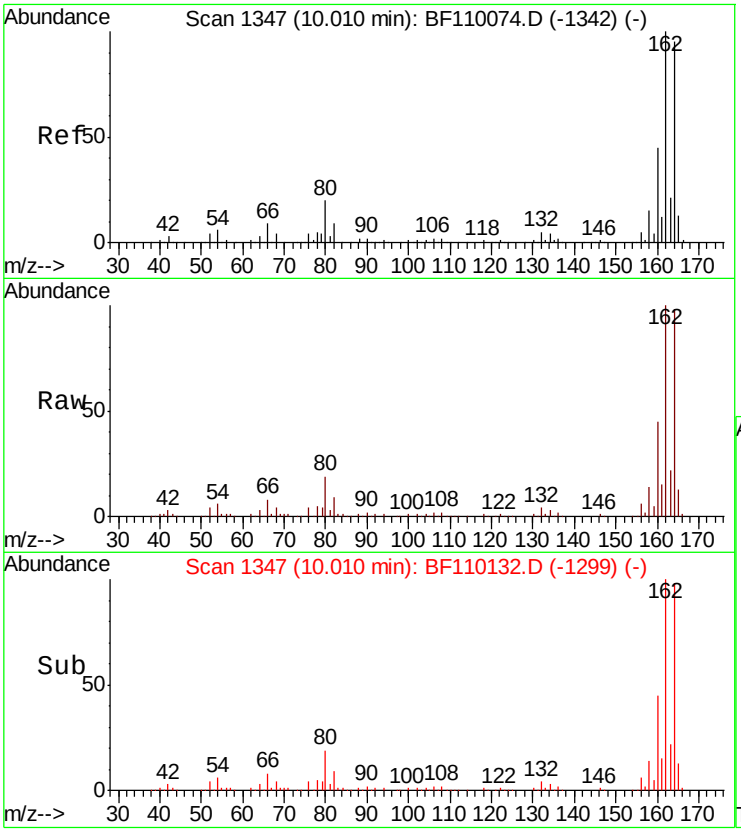


#25
Isophorone
Concen: 2.233 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.28 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion: 82 Resp: 25241

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



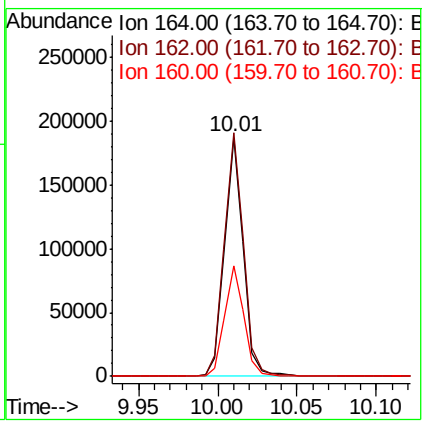


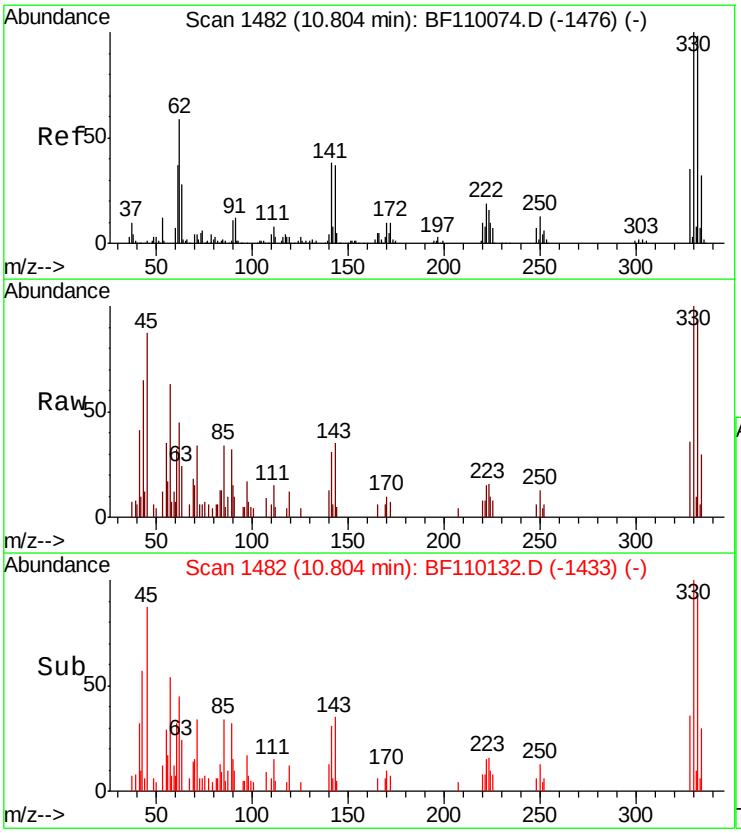
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 152170

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	46.2	37.0	55.6

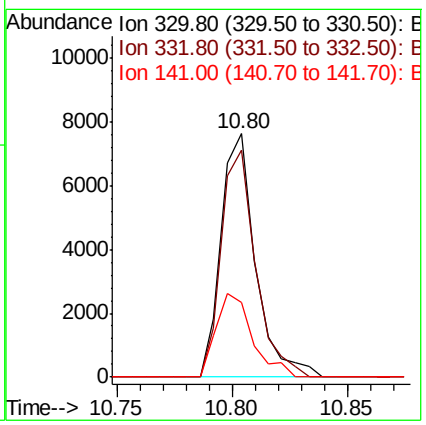


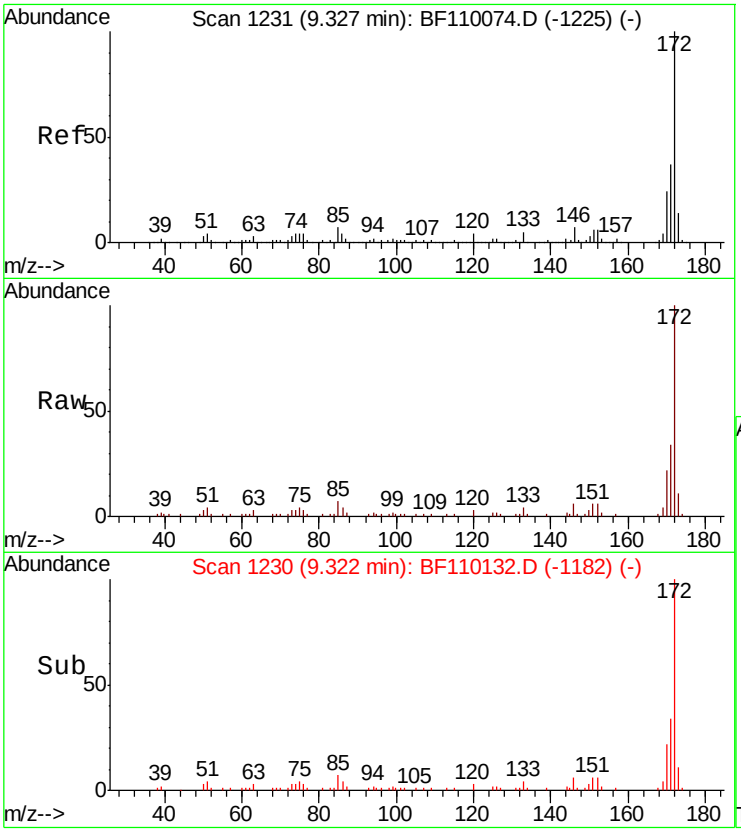


#42
2,4,6-Tribromophenol
Concen: 5.254 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:330 Resp: 7920

Ion	Ratio	Lower	Upper
330	100		
332	92.8	77.1	115.7
141	36.2	27.0	40.4



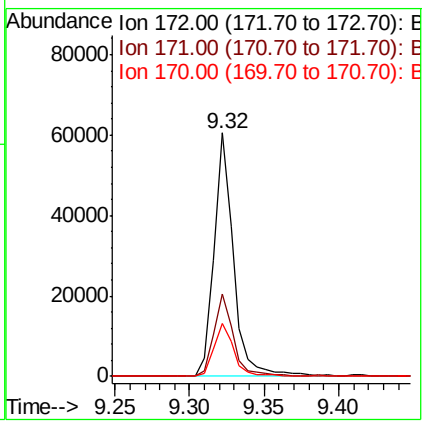


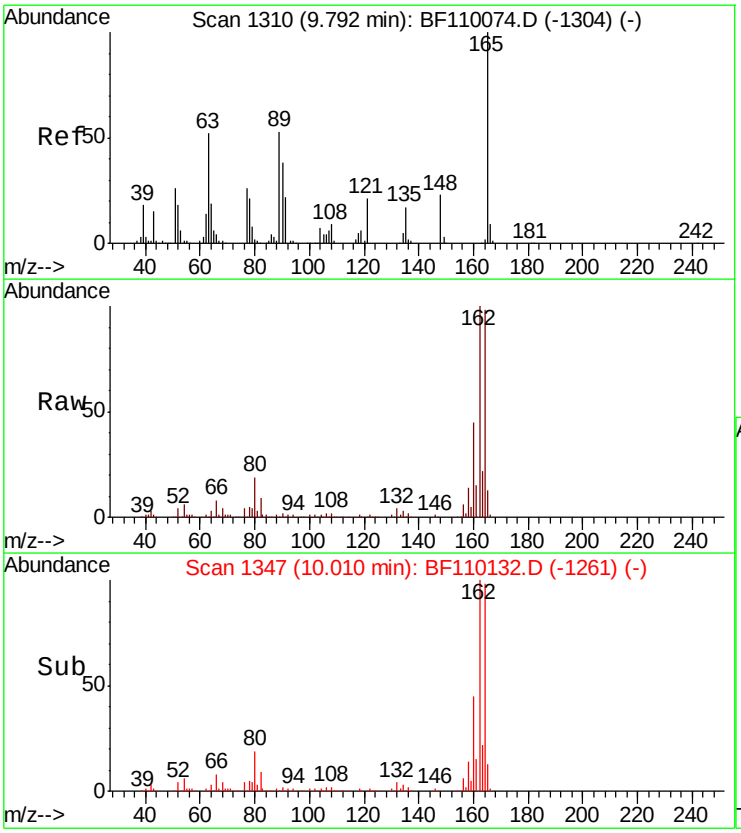
#45
2-Fluorobiphenyl
Concen: 5.667 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 54922

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.6	43.0
170	22.0	19.7	29.5

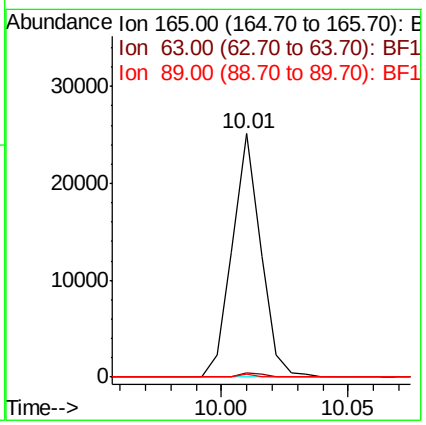


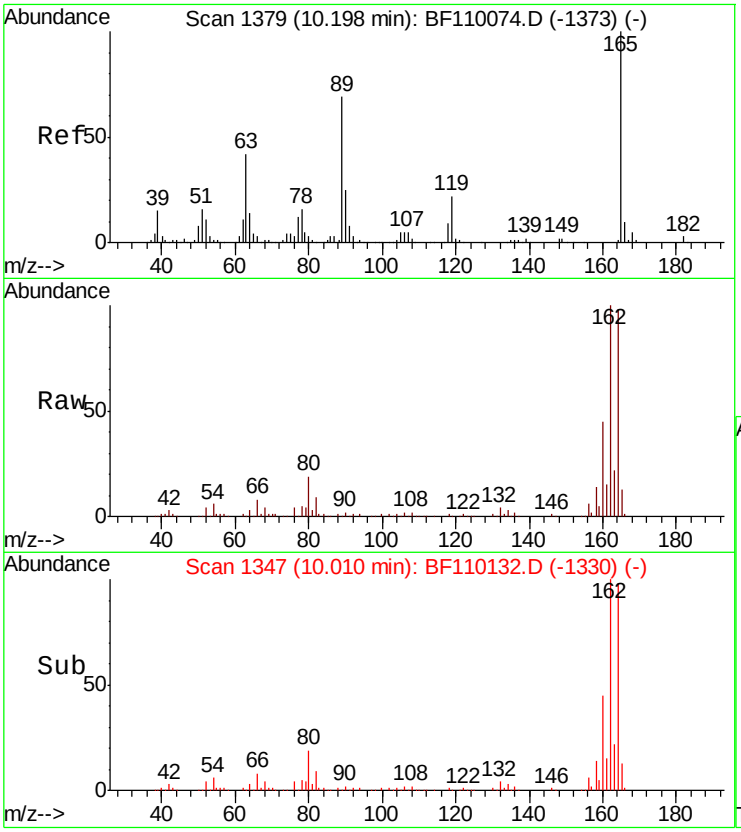


#51
2,6-Dinitrotoluene
Concen: 8.148 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:165 Resp: 19714

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	1.3	46.6	69.8#



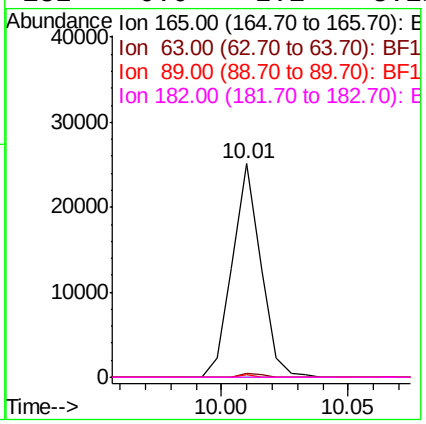


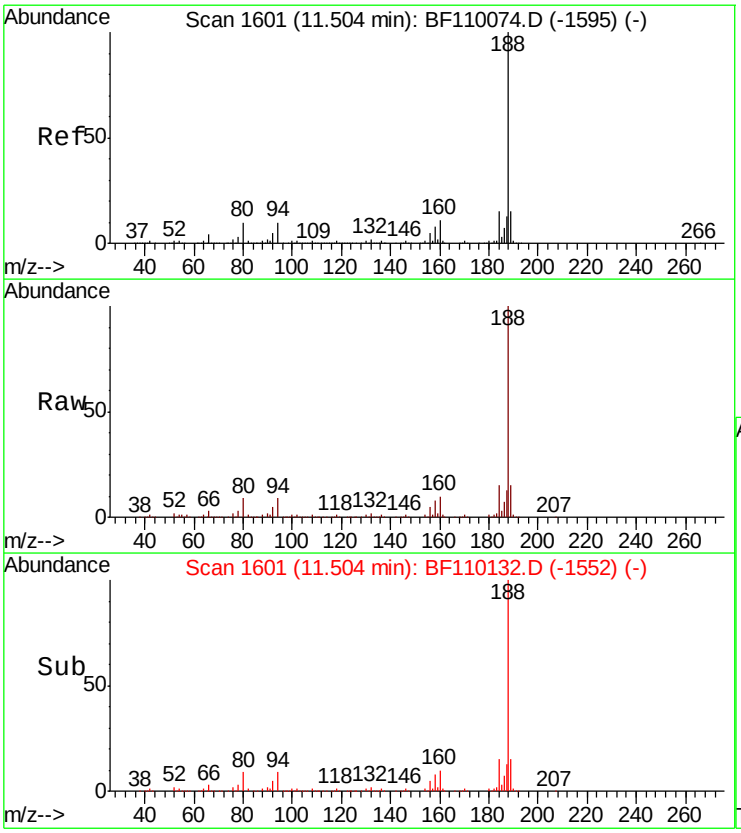
#57
2,4-Dinitrotoluene
Concen: 6.415 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19714

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

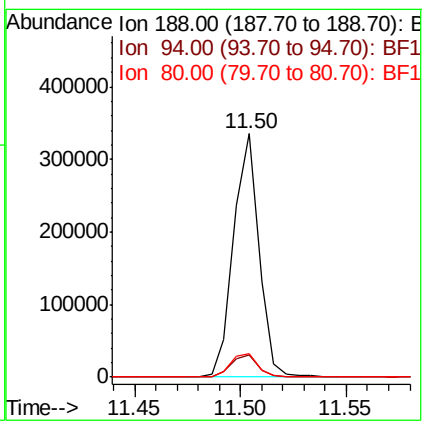


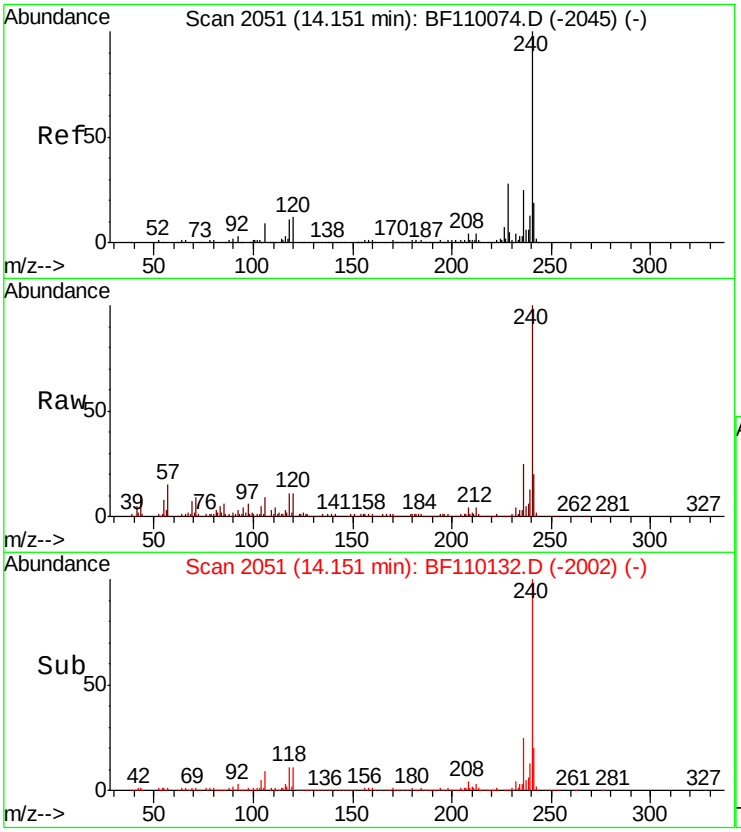


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:188 Resp: 278266

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.4	7.9	11.9



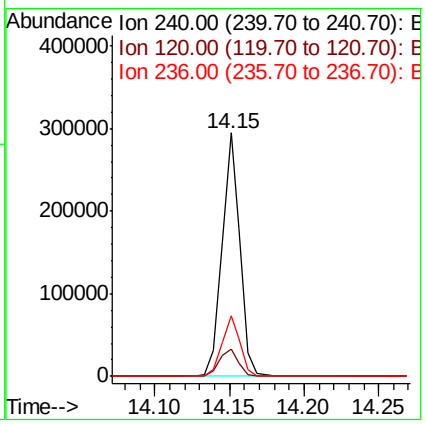


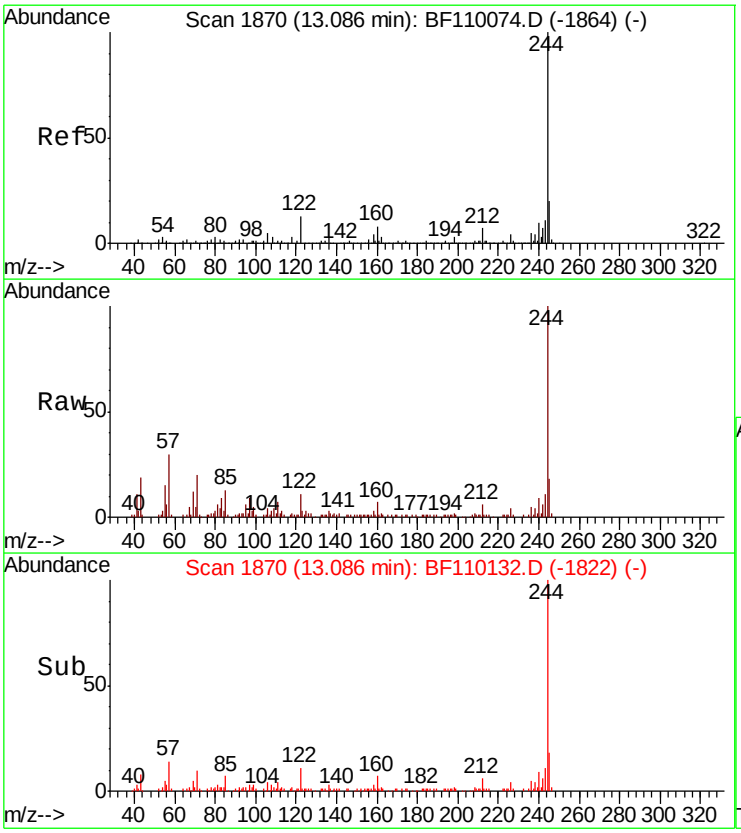
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 249985

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.0	21.2	31.8

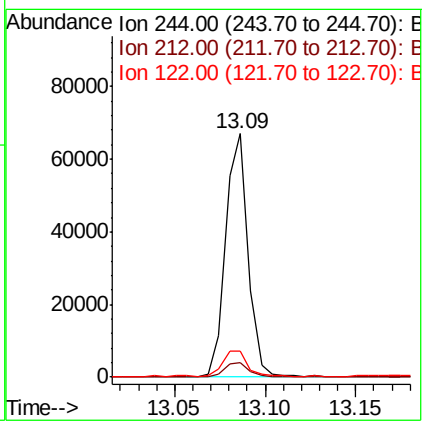


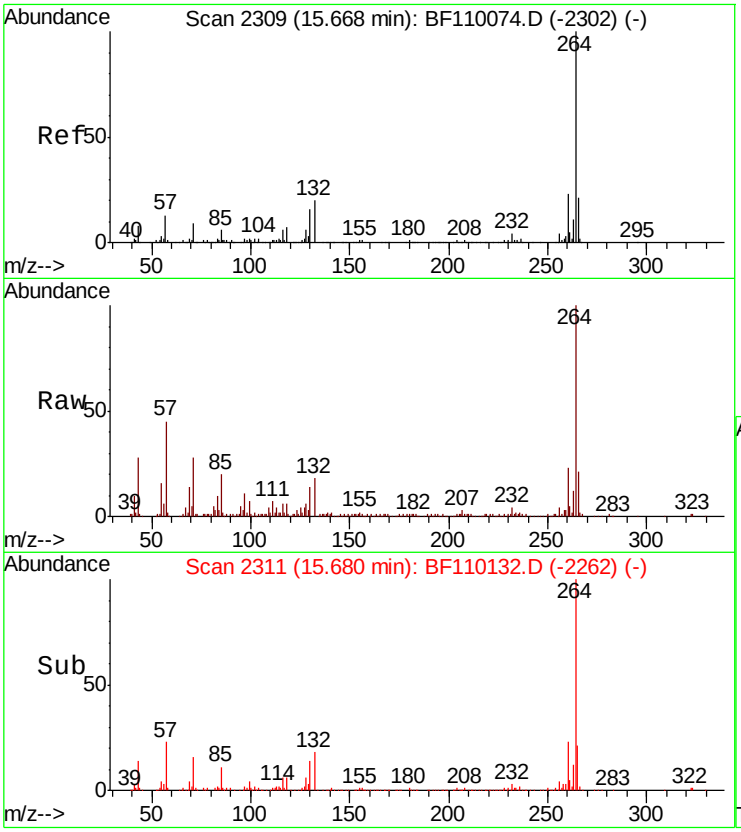


#79
Terphenyl-d14
Concen: 4.807 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:244 Resp: 57782

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	10.8	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 176748

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.9	16.7	25.1