Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110200.D
Acq On : 26 Oct 2018 9:53
Operator : JU/SJ
Sample : J5662-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 102318-SIDI-F-U-B

Quant Time: Oct 26 14:39:26 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	117497	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	433110	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	172108	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	282591	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	208647	20.00	ng	-0.02
87) Perylene-d12	15.67	264	156558	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	303552	42.07	ng	-0.01
7) Phenol-d6	6.58	99	240863	26.10	ng	-0.02
23) Nitrobenzene-d5	7.53	82	706992	96.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	132190	77.54	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1180043	107.66	ng	-0.01
79) Terphenyl-d14	13.09	244	973177	97.00	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.59	94	24732	2.507	ng	# 67
19) n-Nitroso-di-n-propylamine	7.53	70	93085	15.722	ng	# 80
25) Isophorone	7.53	82	706982	56.799	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	21169	7.735	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	21169	6.090	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8613	2.810	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
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Acq On : 26 Oct 2018 9:53
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Quant Time: Oct 26 14:39:26 2018
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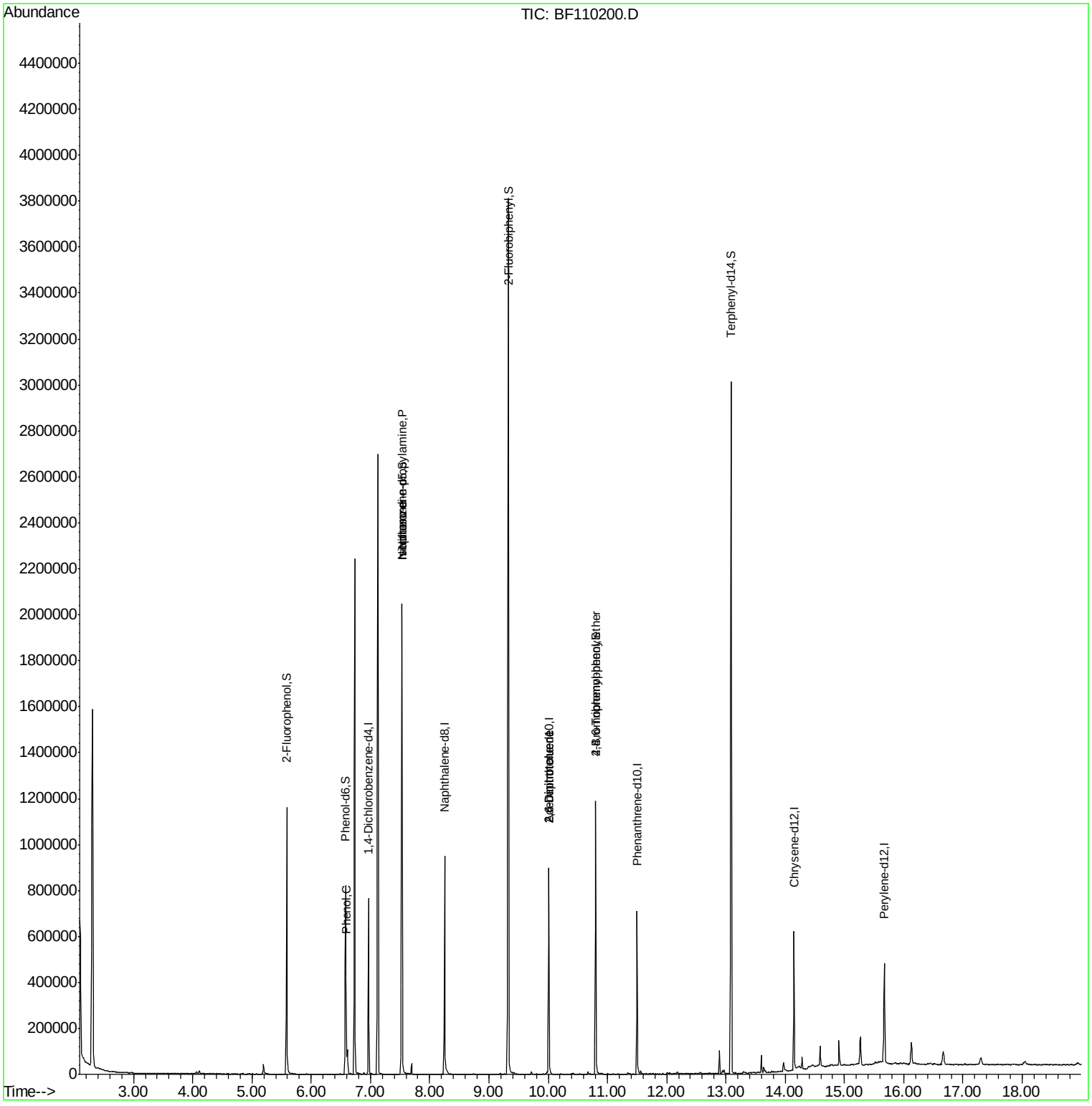
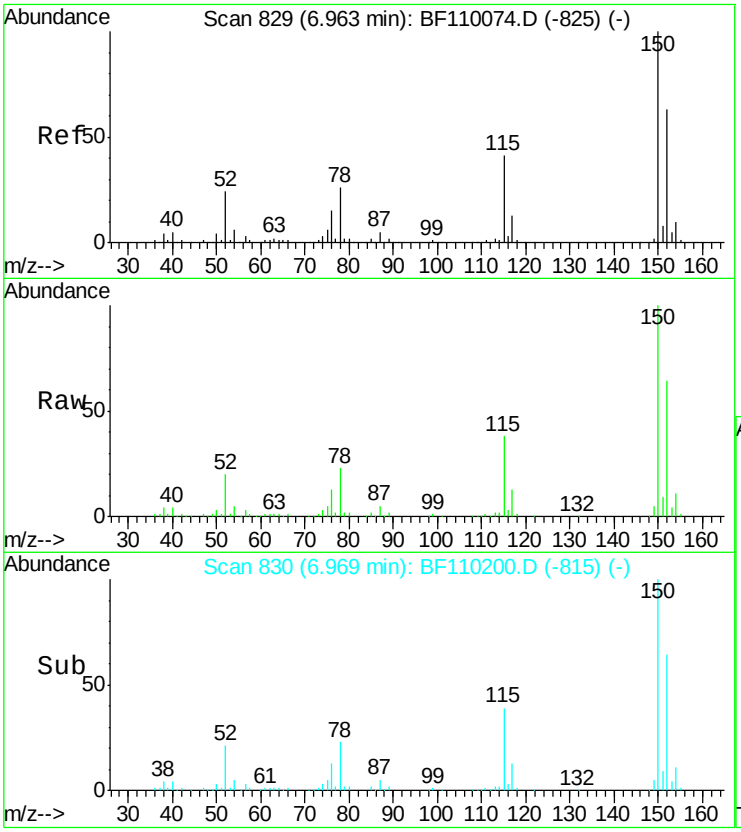
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration



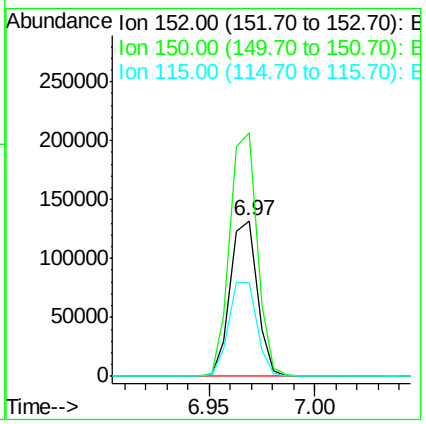


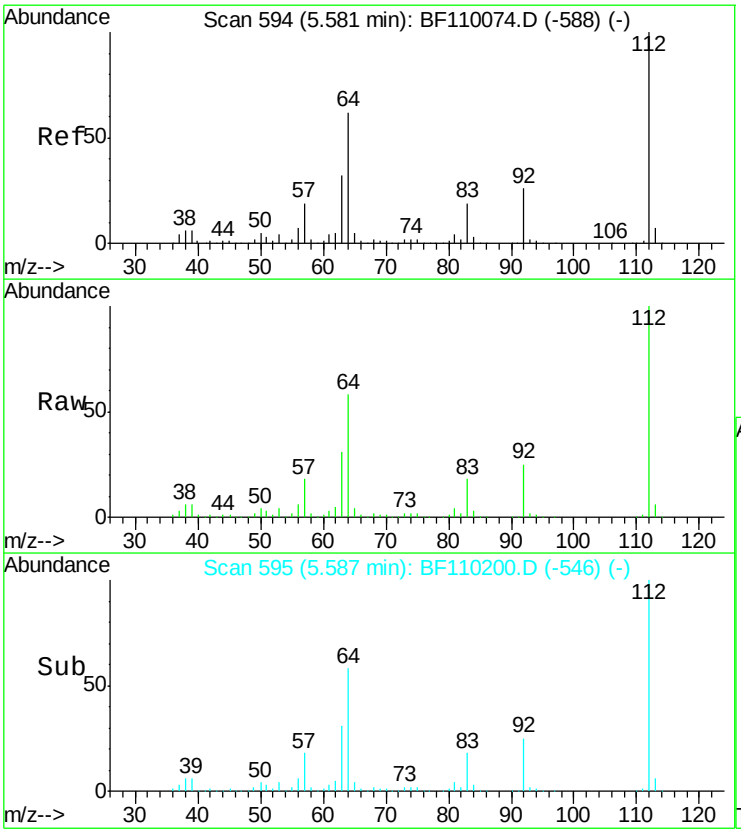
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion:152 Resp: 117497

Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.7	184.1
115	60.1	49.1	73.7

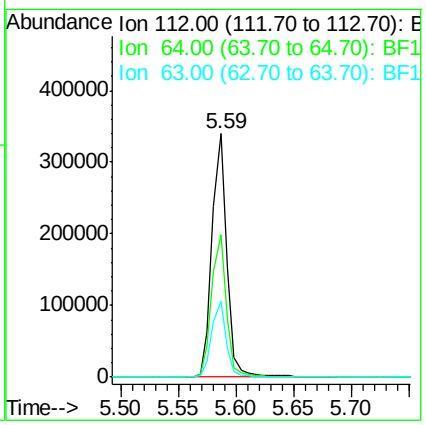


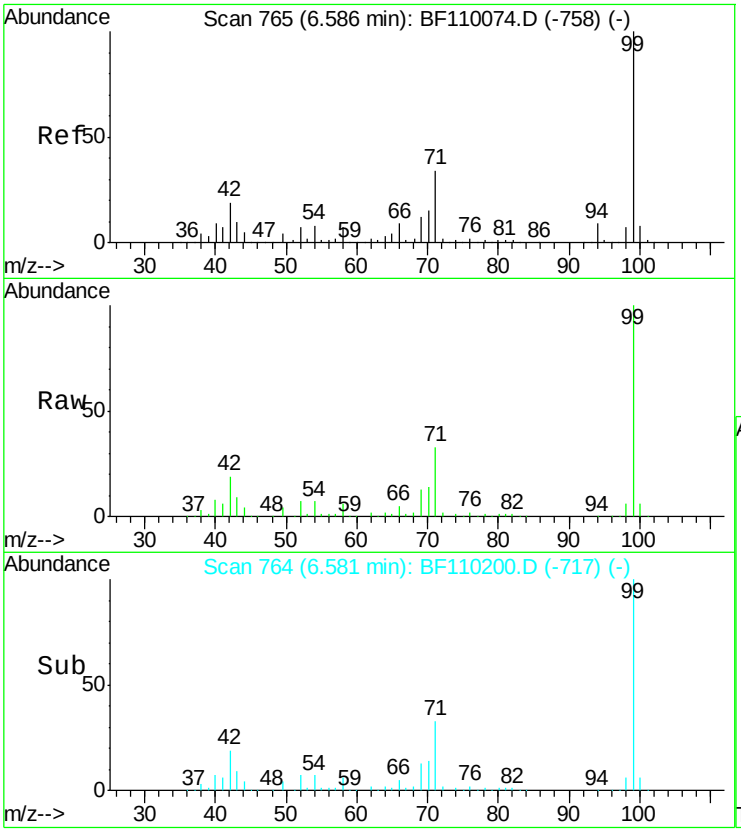


#5
2-Fluorophenol
Concen: 42.071 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:112 Resp: 303552

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	31.3	23.7	35.5



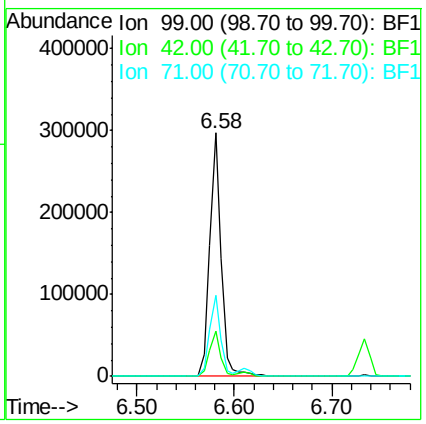


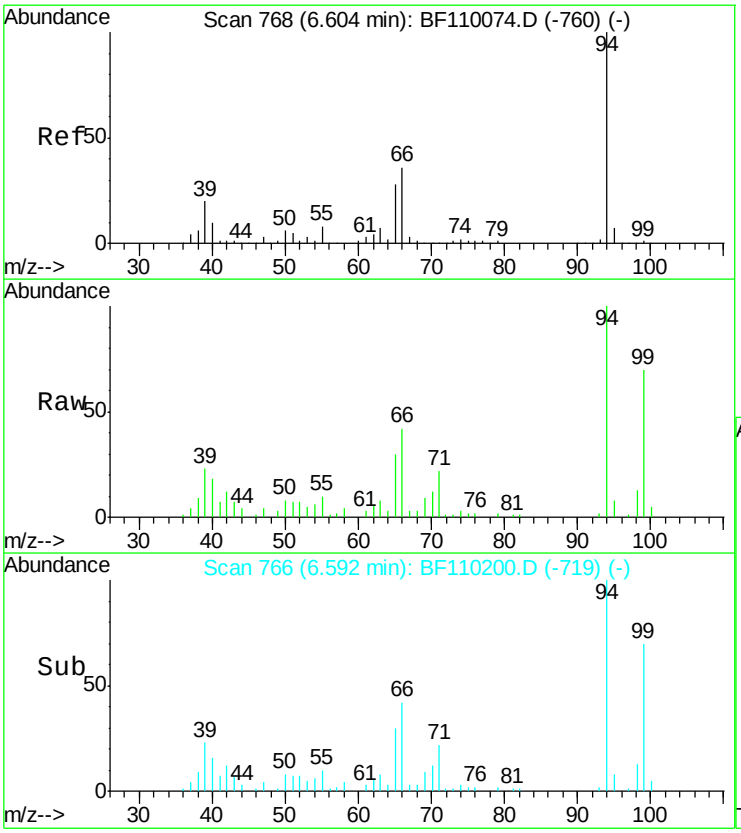
#7
Phenol-d6
Concen: 26.099 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion: 99 Resp: 240863

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	33.3	28.0	42.0

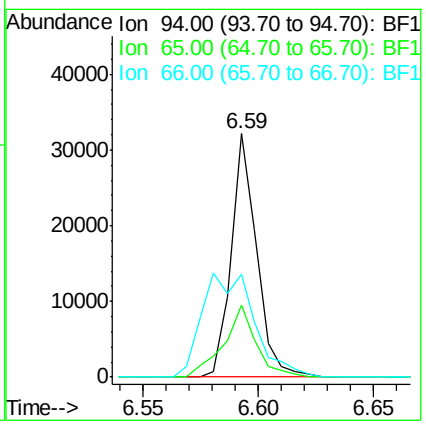


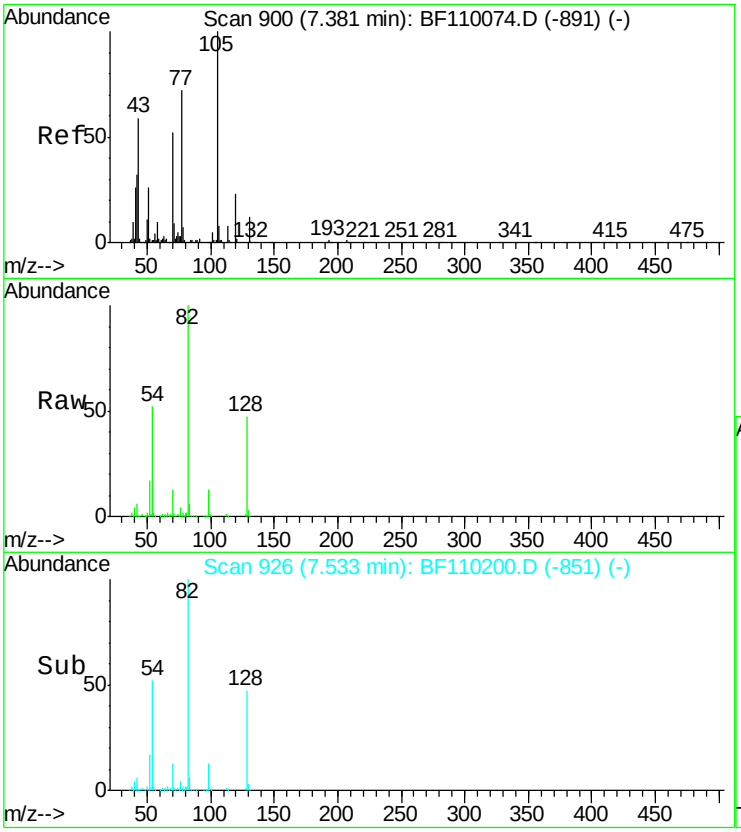


#10
Phenol
Concen: 2.507 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion: 94 Resp: 24732

Ion	Ratio	Lower	Upper
94	100		
65	29.7	25.3	65.3
66	42.4	54.5	94.5#



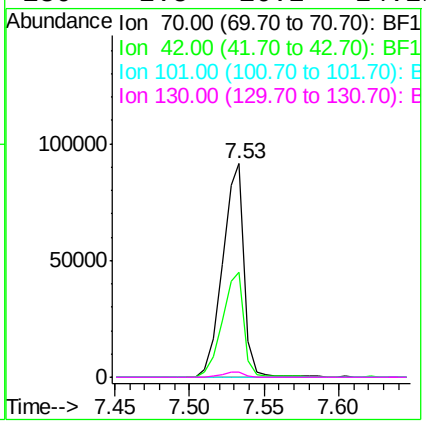


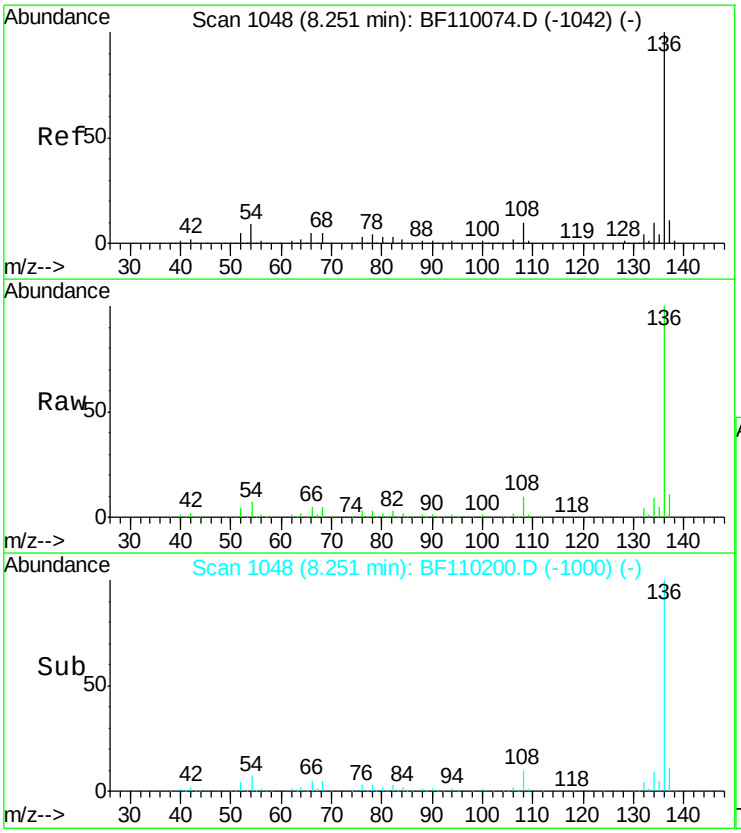
#19
n-Nitroso-di-n-propylamine
Concen: 15.722 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion: 70 Resp: 93085

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#

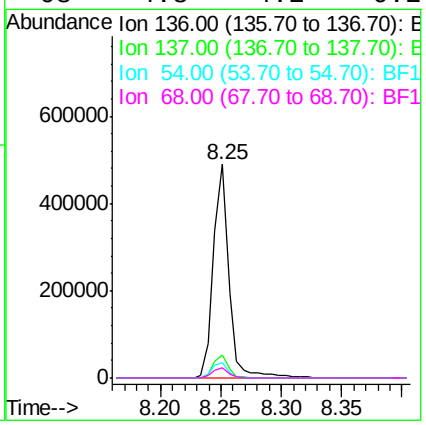


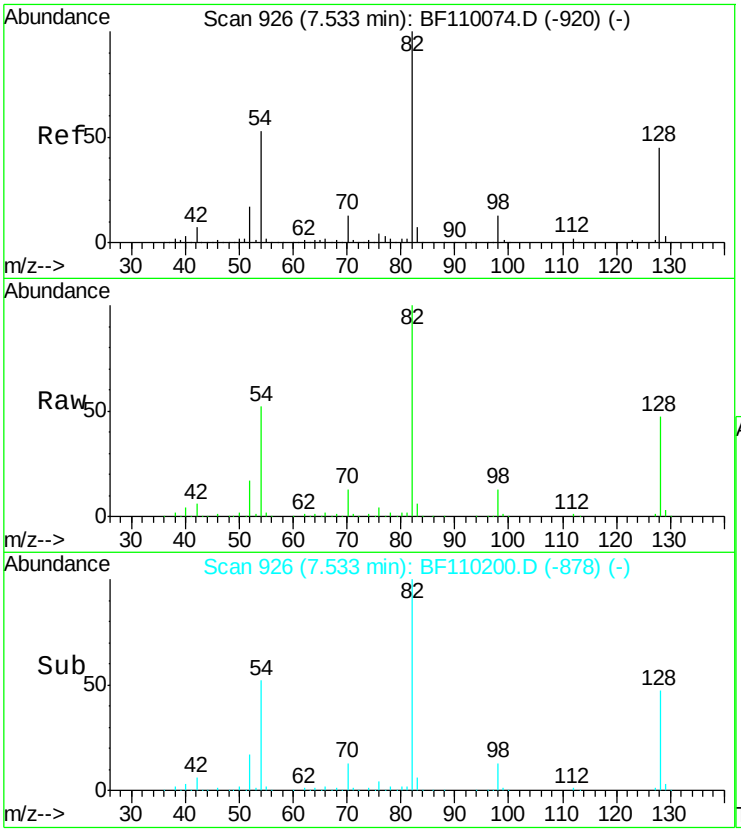


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:136 Resp: 433110

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	5.4	8.2
68	4.8	4.2	6.2



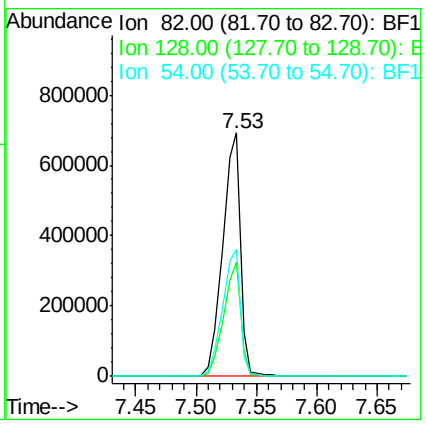


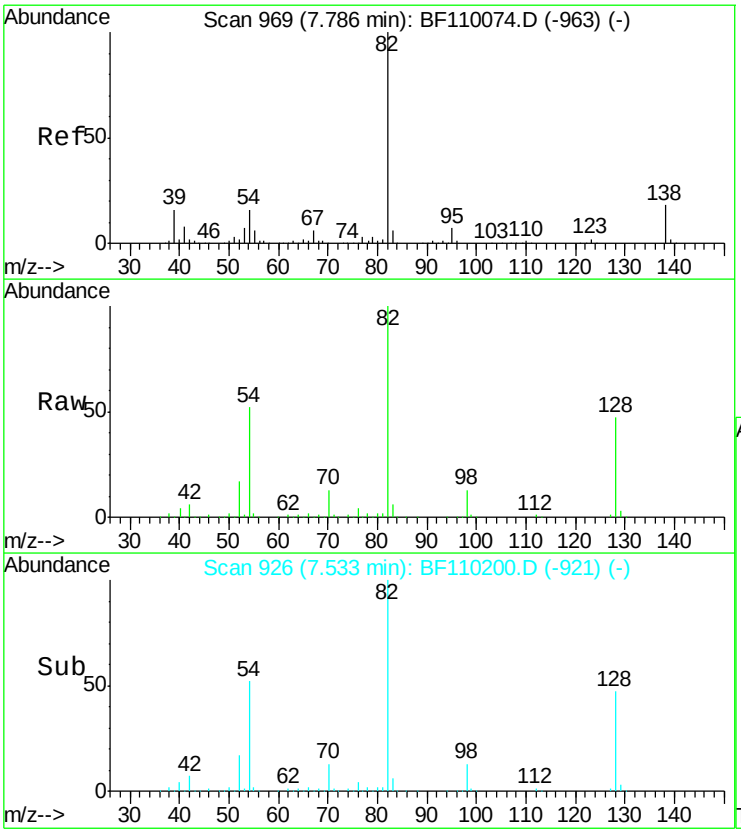
#23
Nitrobenzene-d5
Concen: 96.821 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion: 82 Resp: 706992

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	52.3	38.6	58.0

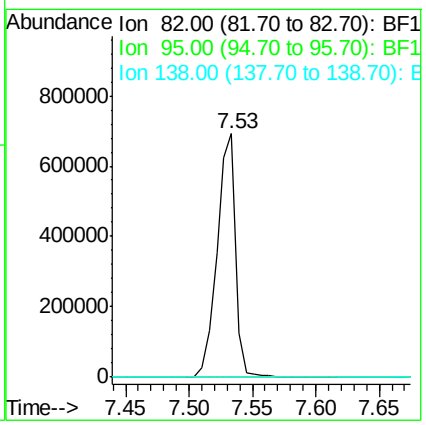


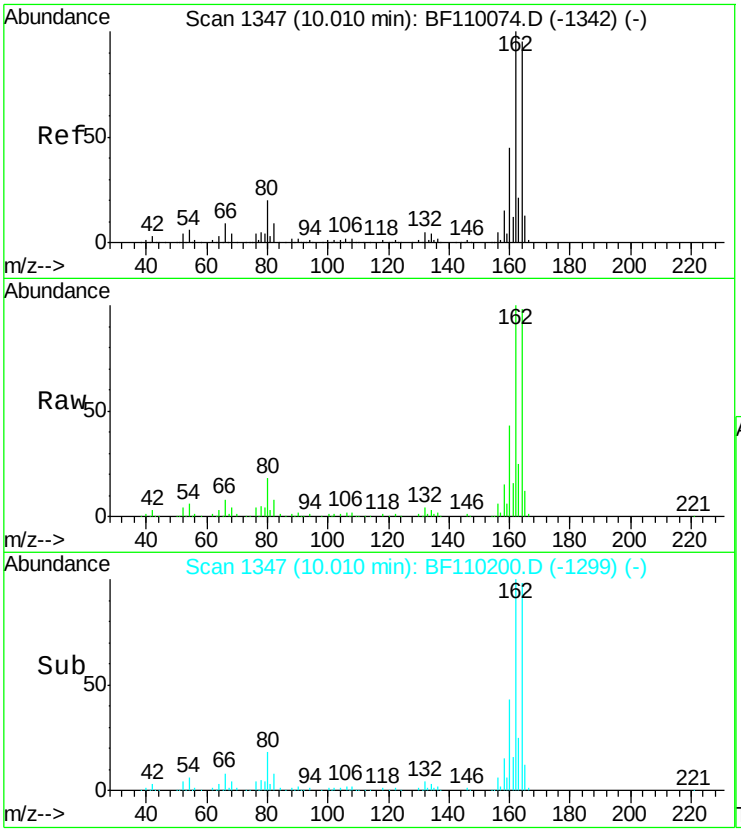


#25
Isophorone
Concen: 56.799 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion: 82 Resp: 706982

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



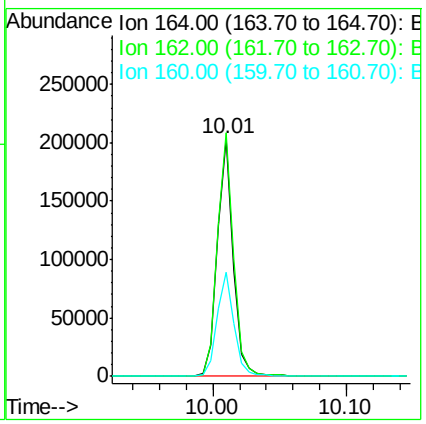


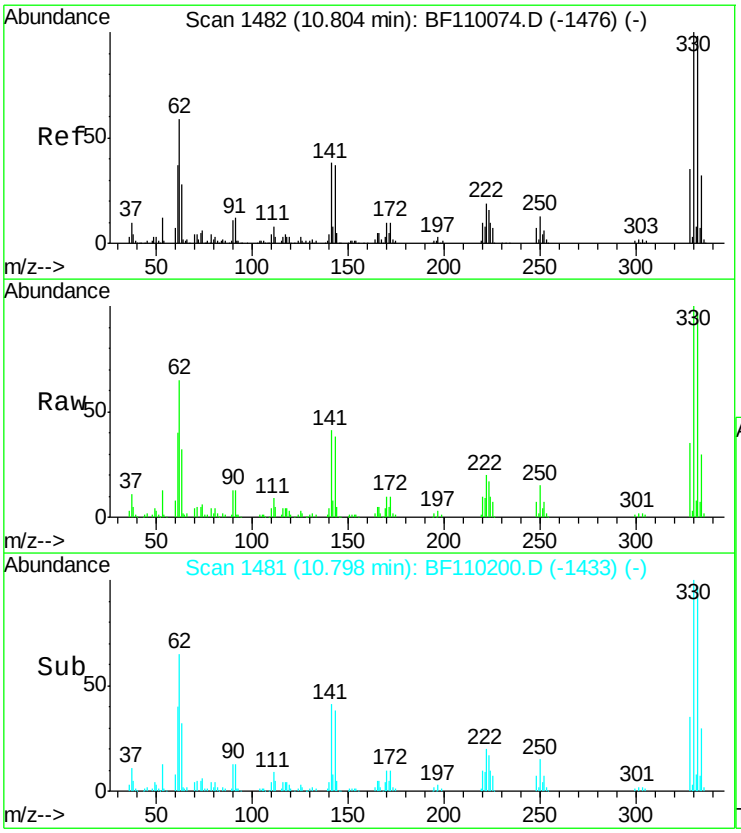
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion:164 Resp: 172108

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.6
160	44.1	37.0	55.6

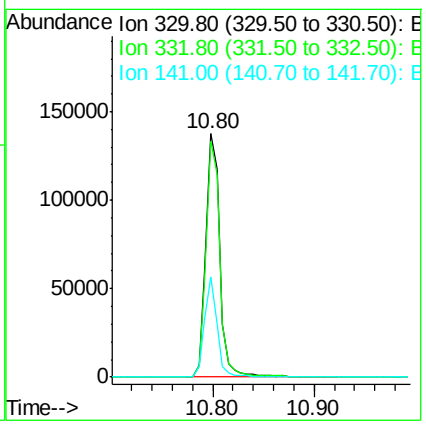


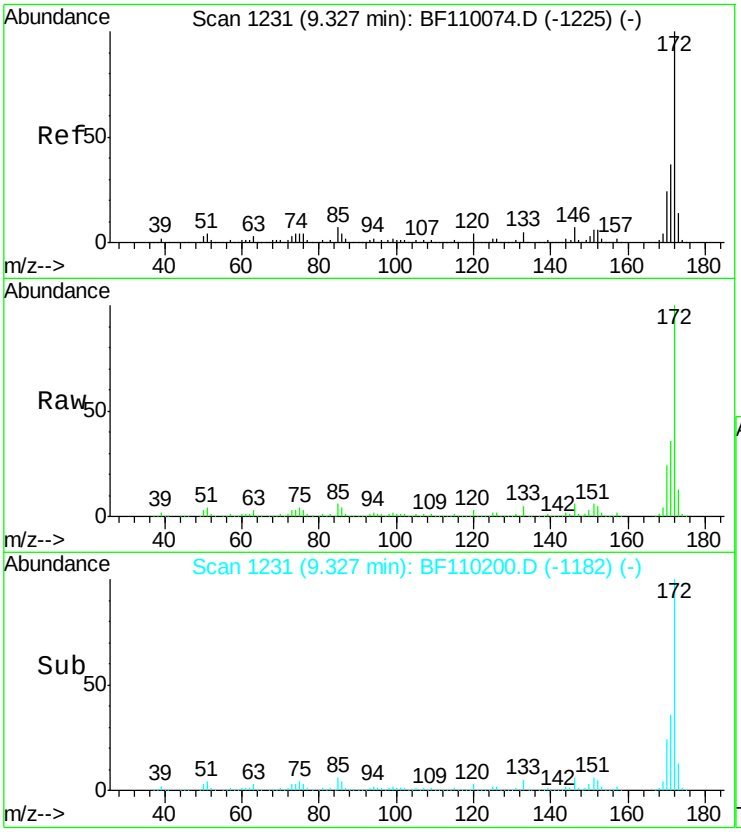


#42
2,4,6-Tribromophenol
Concen: 77.538 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:330 Resp: 132190

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	37.0	27.0	40.4



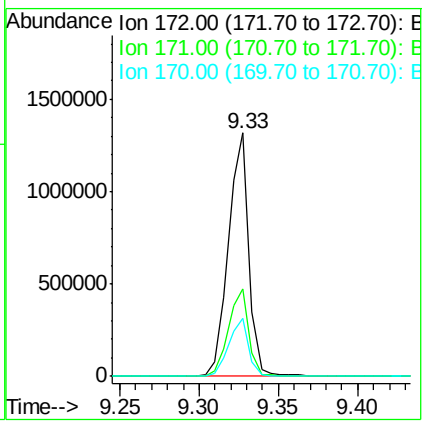


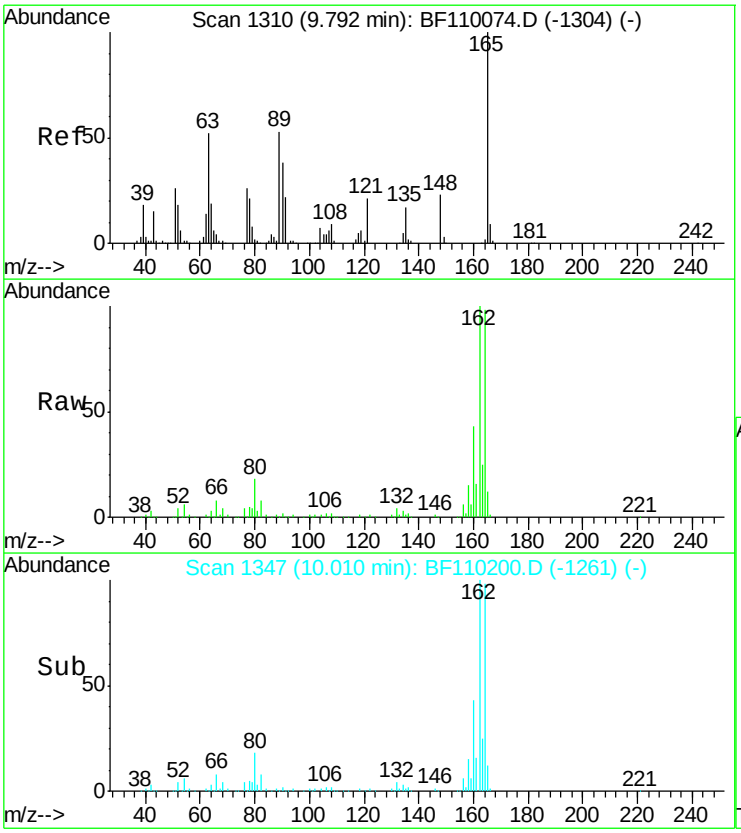
#45
2-Fluorobiphenyl
Concen: 107.663 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion:172 Resp: 1180043

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.0	19.7	29.5

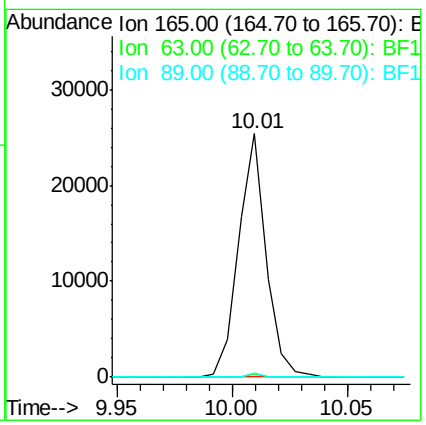


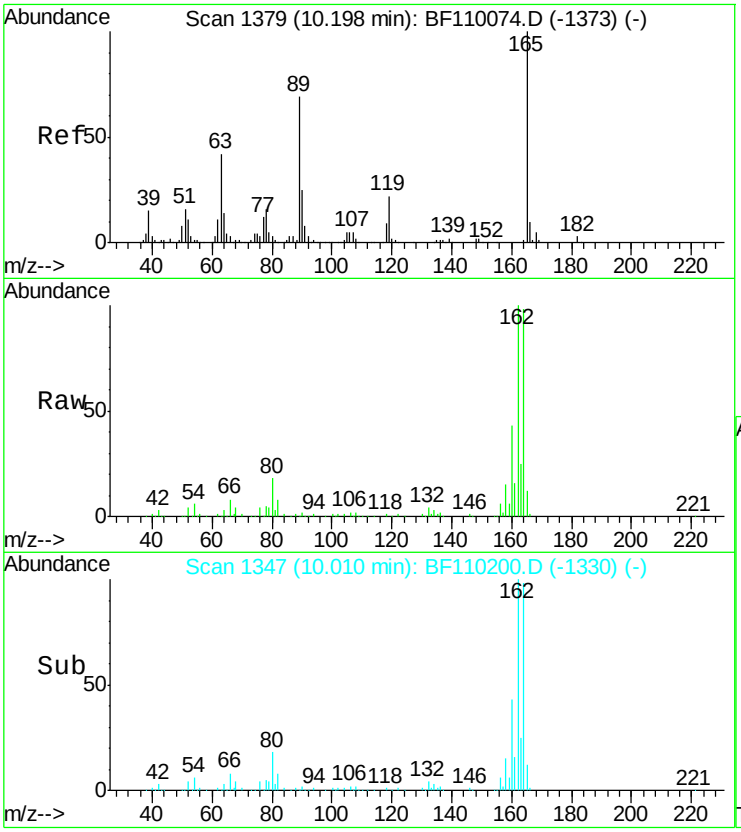


#51
2,6-Dinitrotoluene
Concen: 7.735 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:165 Resp: 21169

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.6	46.6	69.8#



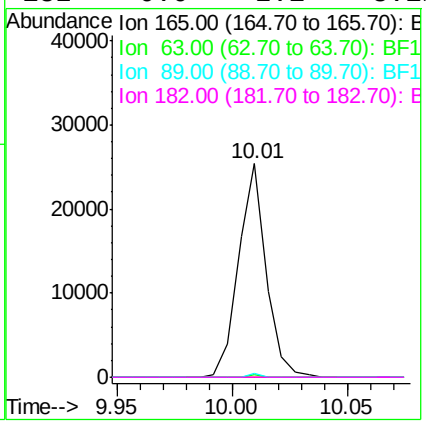


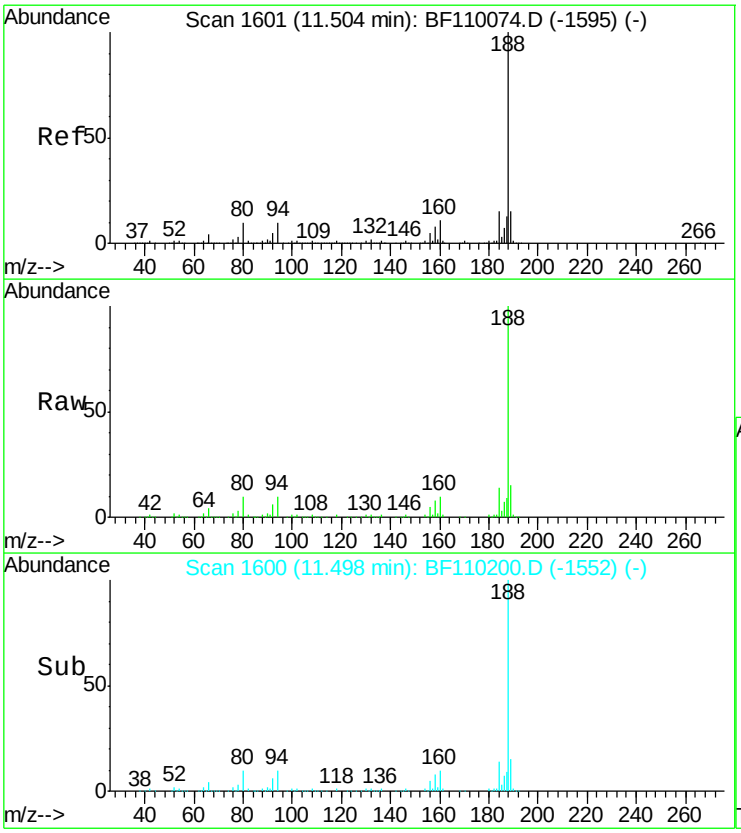
#57
2,4-Dinitrotoluene
Concen: 6.090 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion:165 Resp: 21169

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#

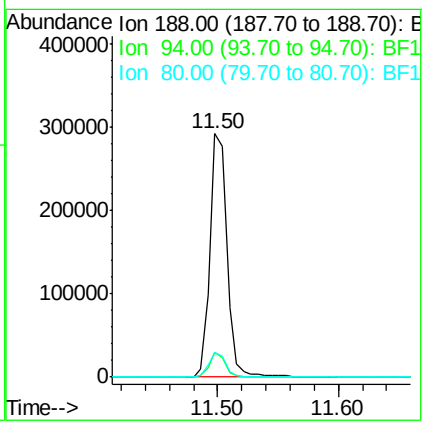


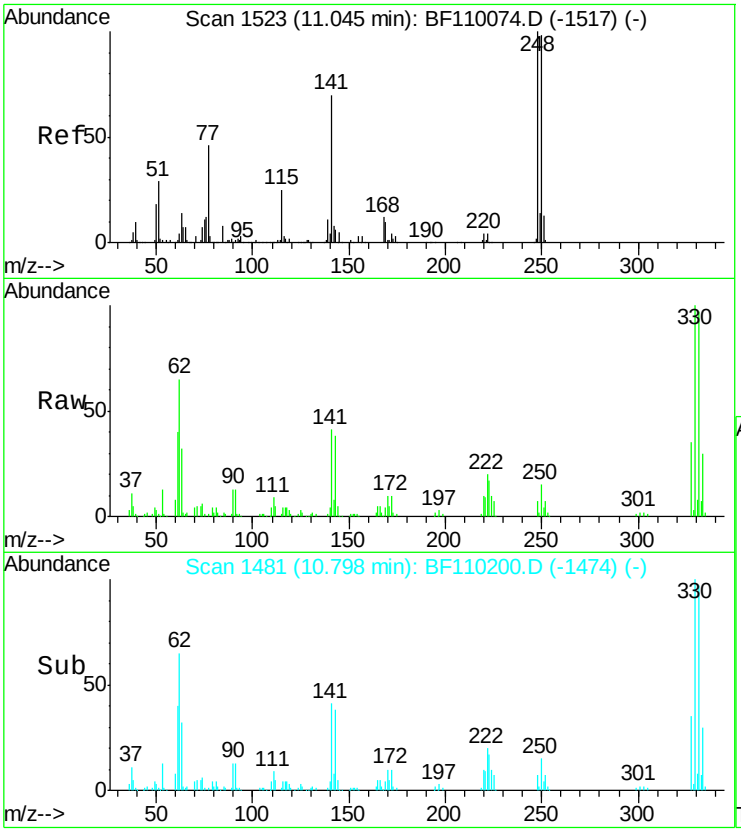


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:188 Resp: 282591

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.2	7.9	11.9



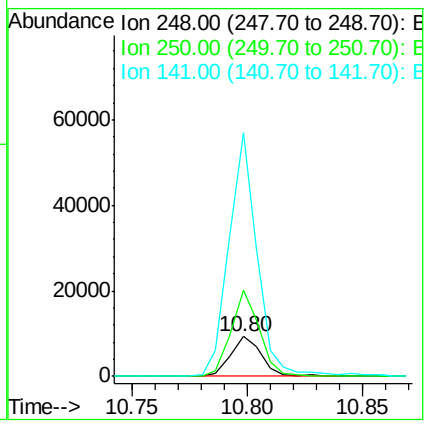


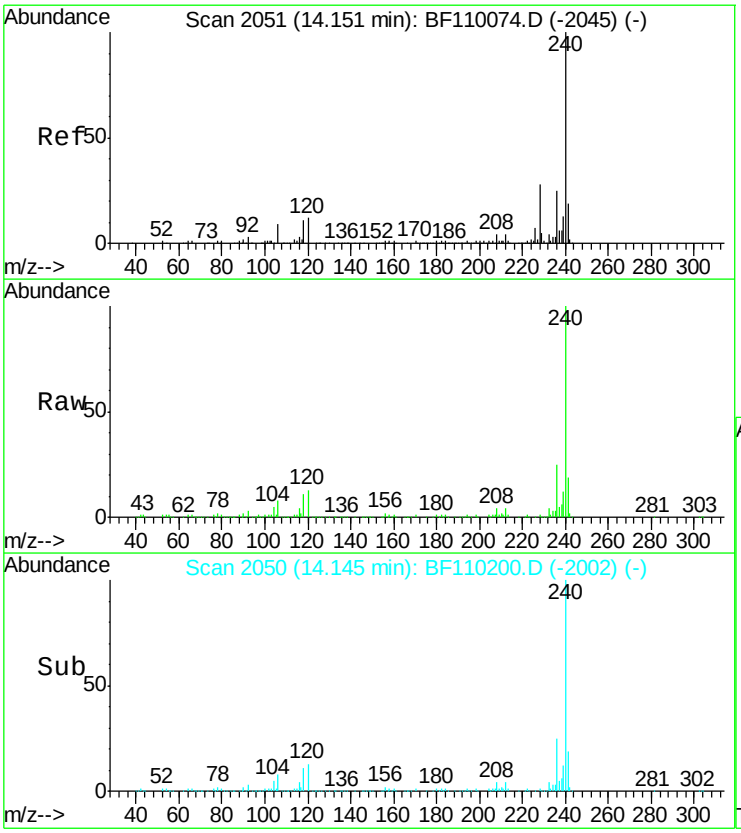
#67
4-Bromophenyl-phenylether
Concen: 2.810 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion:248 Resp: 8613

Ion	Ratio	Lower	Upper
248	100		
250	215.8	79.4	119.2#
141	614.2	55.9	83.9#

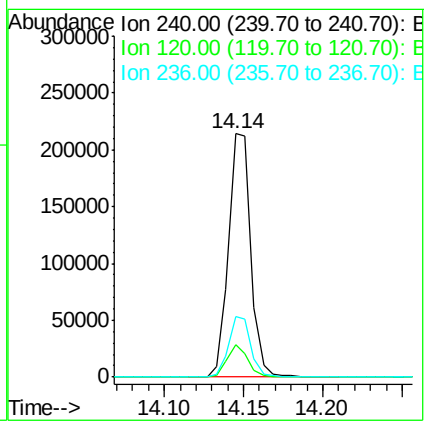


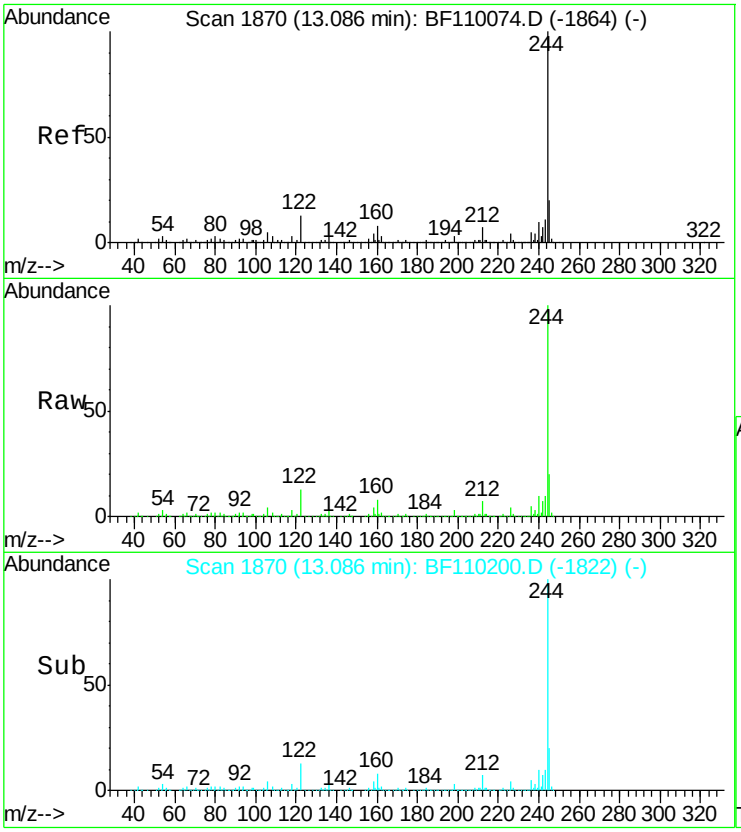


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:240 Resp: 208647

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	25.1	21.2	31.8



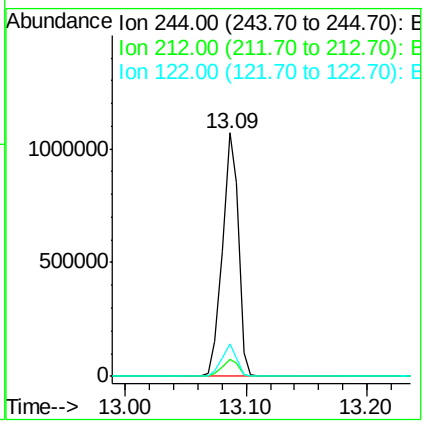


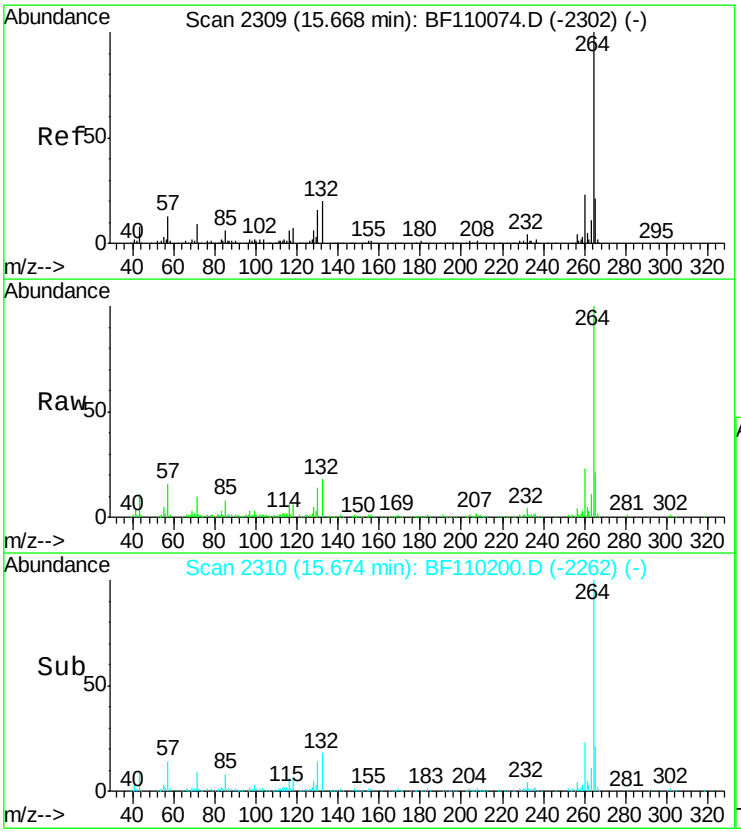
#79
Terphenyl-d14
Concen: 97.002 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion:244 Resp: 973177

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.1	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: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:264 Resp: 156558

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.6	16.7	25.1