Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
Data File : BF110985.D
Acq On : 27 Nov 2018 1:09
Operator : JU/SJ
Sample : J6030-02 DL10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-03DL

Quant Time: Nov 27 03:00:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 15:26:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	52098	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	193500	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	81074	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	148015	20.00	ng		0.00
76) Chrysene-d12	14.14	240	90801	20.00	ng		0.00
87) Perylene-d12	15.67	264	70509	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	22232	7.08	ng		0.02
7) Phenol-d6	6.59	99	19364	4.73	ng		0.02
23) Nitrobenzene-d5	7.51	82	24582	7.27	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	8052	10.00	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	45150	8.07	ng		0.00
79) Terphenyl-d14	13.06	244	41796	8.96	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	461	Below Cal			96
22) Acetophenone	7.36	105	16780	3.700	ng	#	93
25) Isophorone	7.51	82	24582	4.432	ng	#	67
31) Naphthalene	8.25	128	283524	31.258	ng		99
33) 4-Chloroaniline	8.25	127	37072	9.603	ng	#	39
51) 2,6-Dinitrotoluene	9.98	165	10416	7.869	ng	#	21
53) 3-Nitroaniline	10.10	138	3291	2.133	ng	#	1
56) 4-Nitrophenol	10.10	139	120	4.370	ng	#	1
57) 2,4-Dinitrotoluene	9.98	165	10416	6.065	ng	#	17

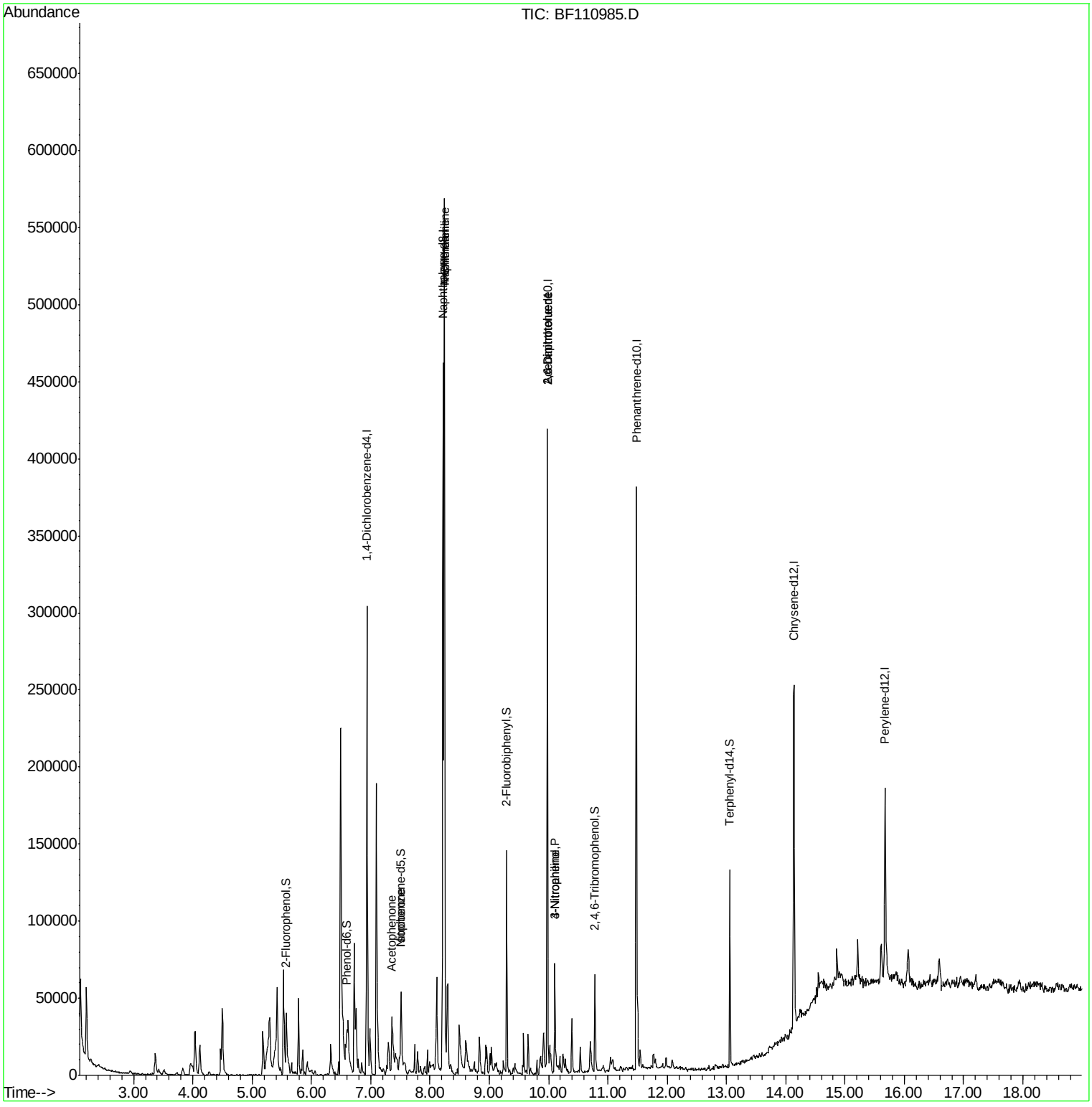
(#) = qualifier out of range (m) = manual integration (+) = signals summed

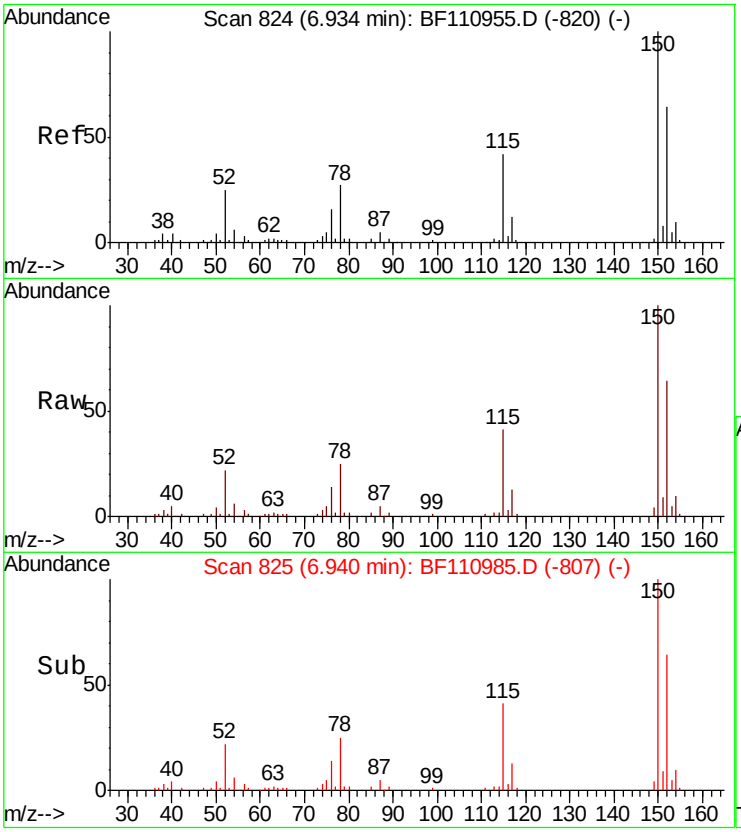
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
Data File : BF110985.D
Acq On : 27 Nov 2018 1:09
Operator : JU/SJ
Sample : J6030-02 DL10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Quant Time: Nov 27 03:00:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 15:26:09 2018
Response via : Initial Calibration



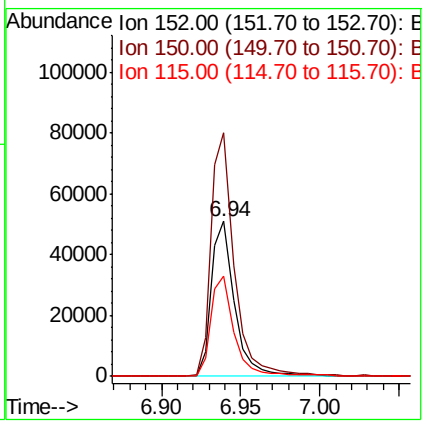


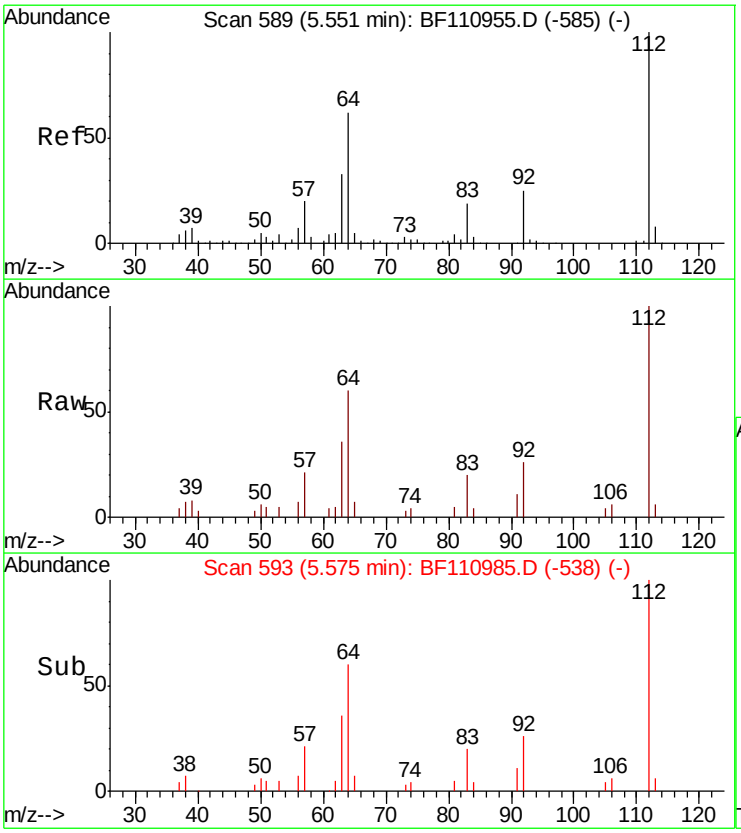
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion:152 Resp: 52098

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	64.9	49.1	73.7

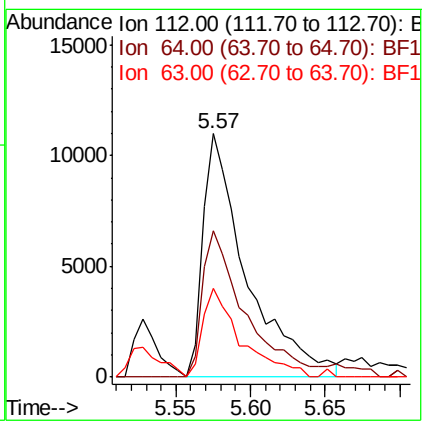


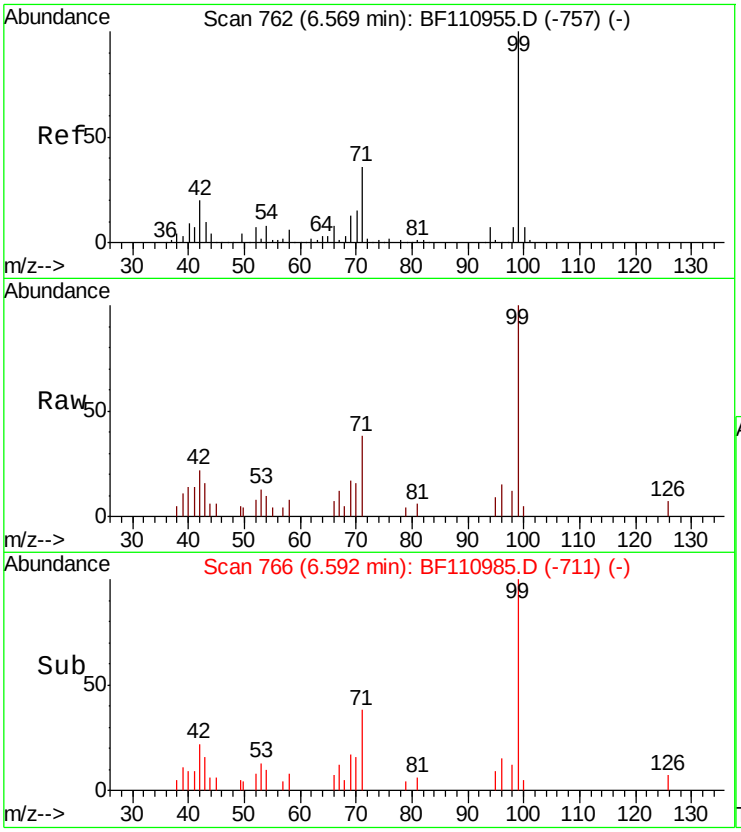


#5
2-Fluorophenol
Concen: 7.077 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.02 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:112 Resp: 22232

Ion	Ratio	Lower	Upper
112	100		
64	60.3	44.1	66.1
63	36.2	23.7	35.5#



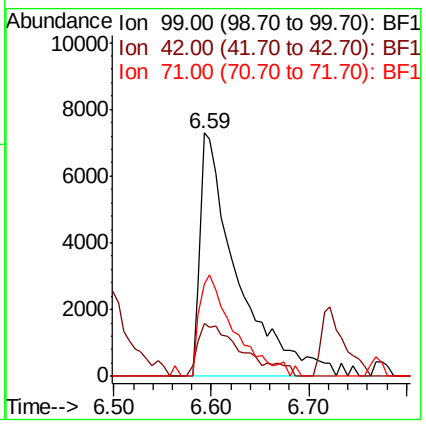


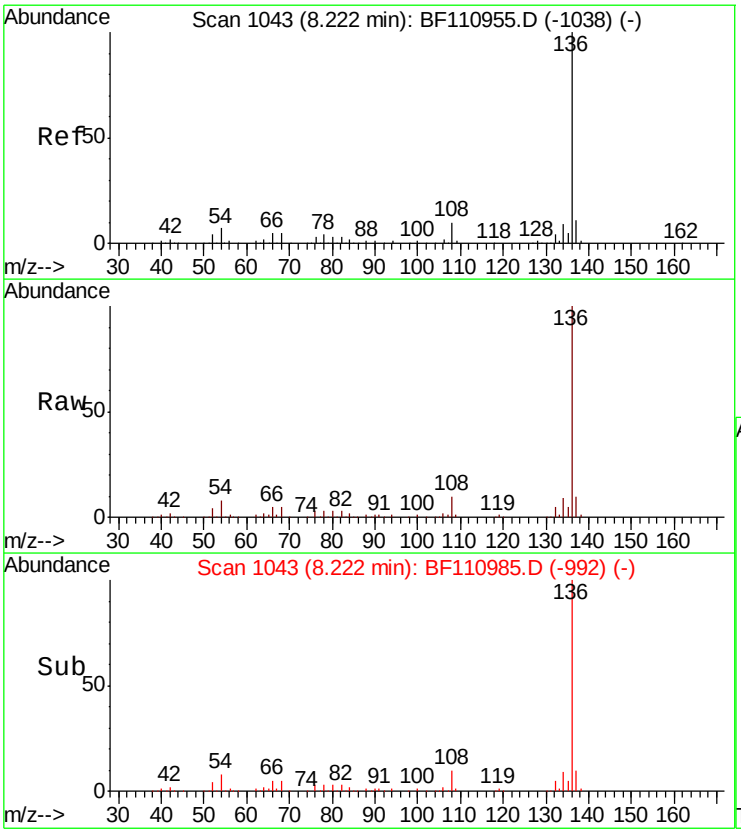
#7
Phenol-d6
Concen: 4.730 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.02 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion: 99 Resp: 19364

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.8	23.6
71	37.8	28.0	42.0

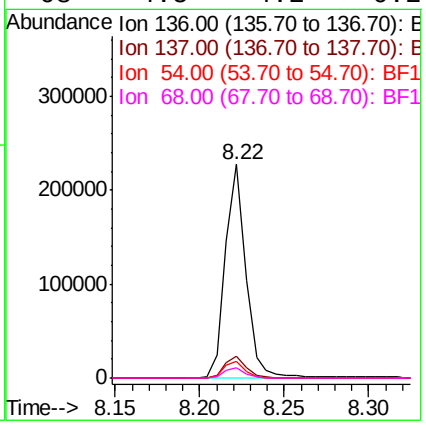


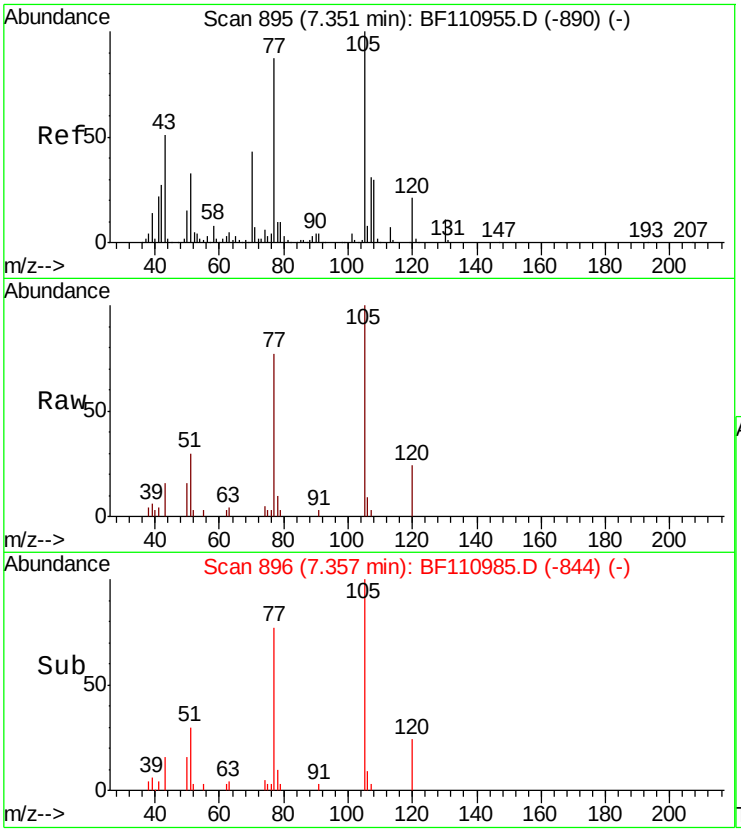


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:136 Resp: 193500

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.8	5.4	8.2
68	4.5	4.2	6.2



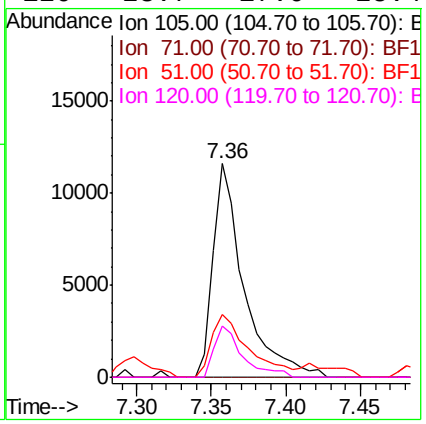


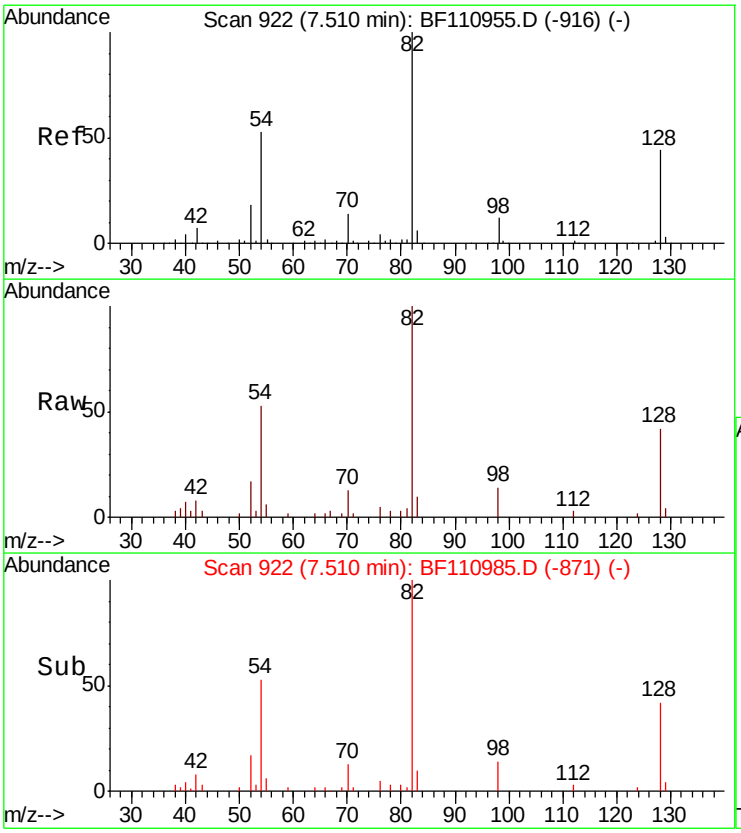
#22
Acetophenone
Concen: 3.700 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion:105 Resp: 16780

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.2	7.8#
51	29.6	21.8	32.8
120	23.7	17.0	25.4

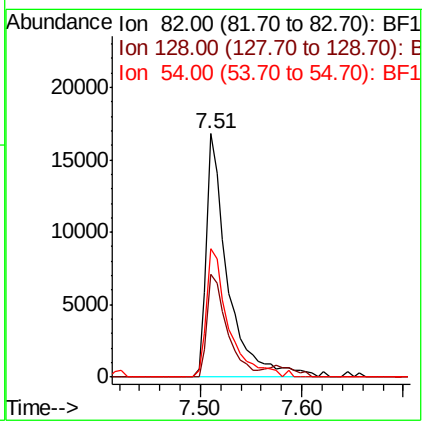


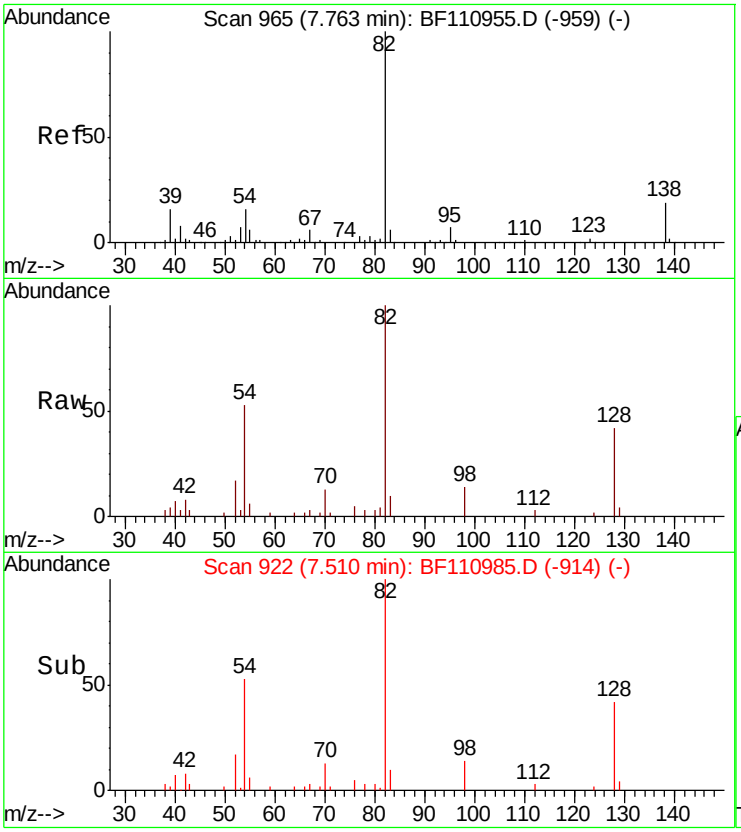


#23
Nitrobenzene-d5
Concen: 7.271 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion: 82 Resp: 24582

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.2	51.2
54	52.8	38.6	58.0



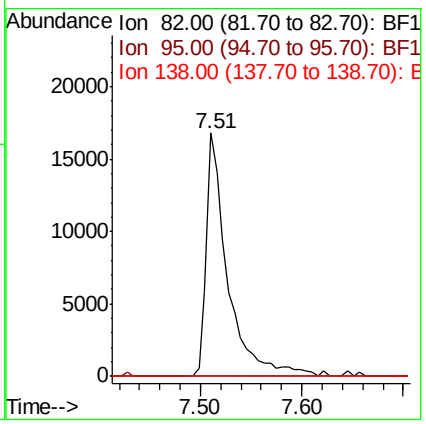


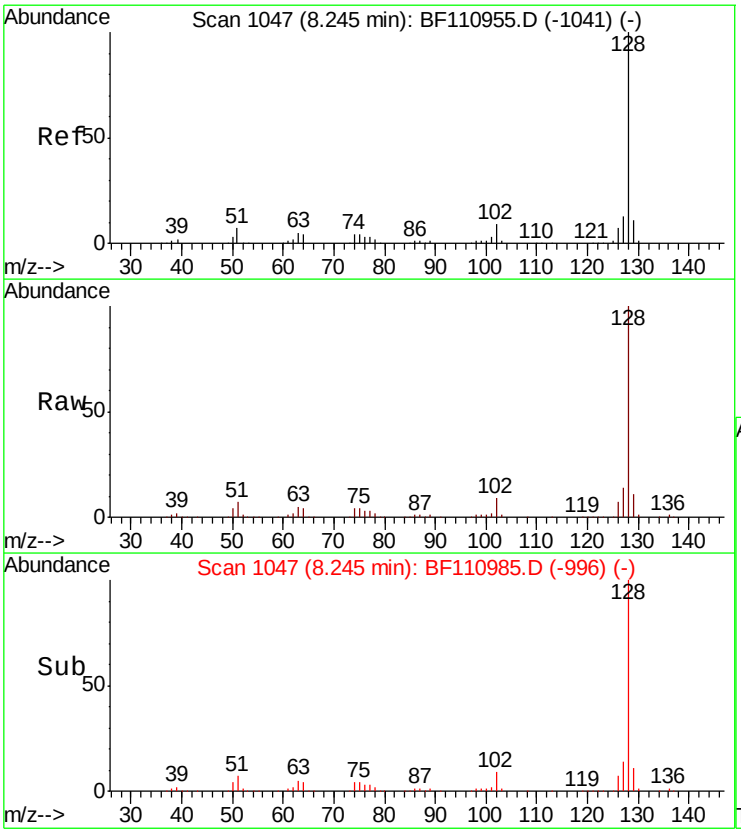
#25
Isophorone
Concen: 4.432 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.25 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion: 82 Resp: 24582

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

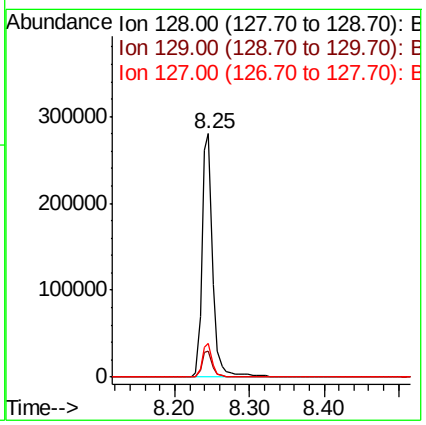


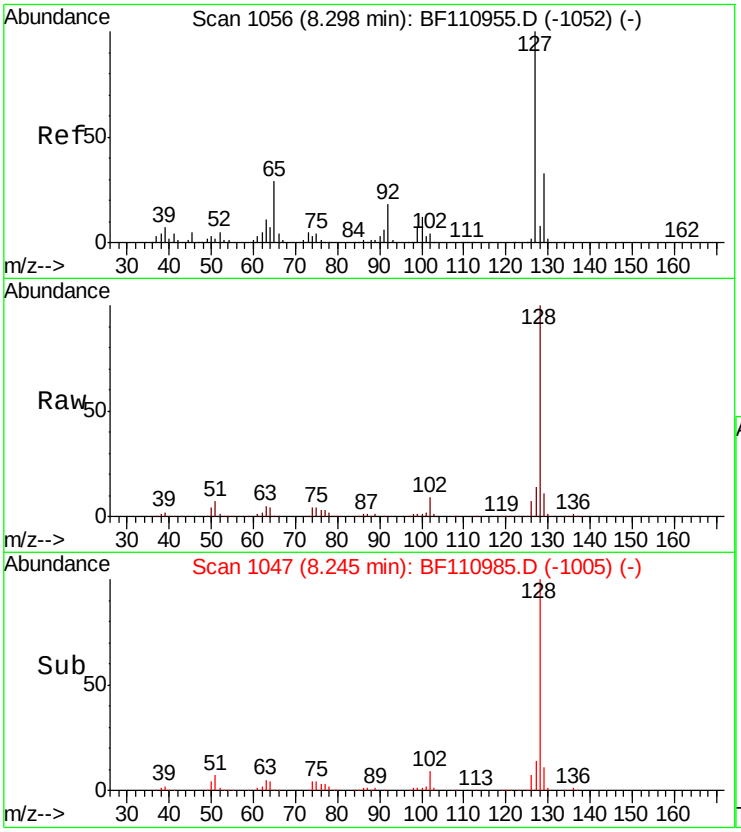


#31
Naphthalene
Concen: 31.258 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:128 Resp: 283524

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.6	10.8	16.2



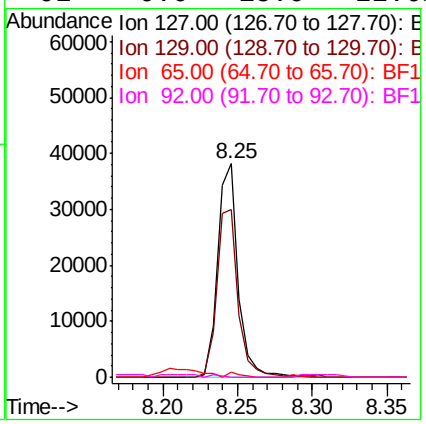


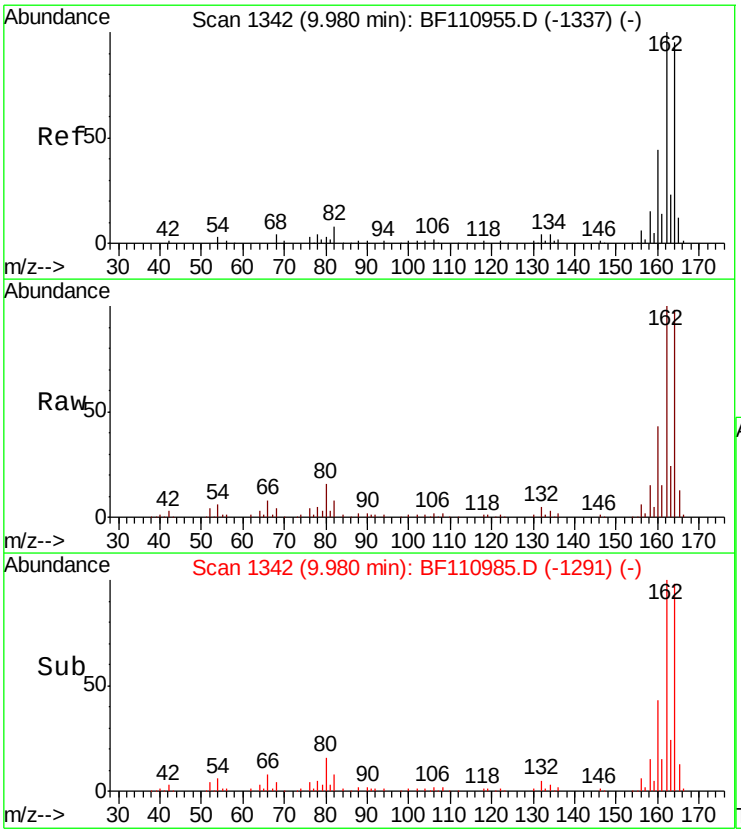
#33
4-Chloroaniline
Concen: 9.603 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion:127 Resp: 37072

Ion	Ratio	Lower	Upper
127	100		
129	78.5	26.0	39.0#
65	2.7	25.1	37.7#
92	0.0	15.0	22.6#

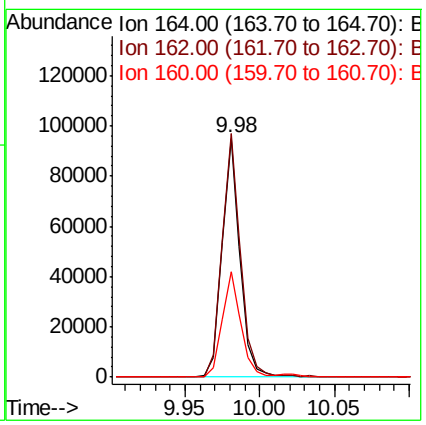


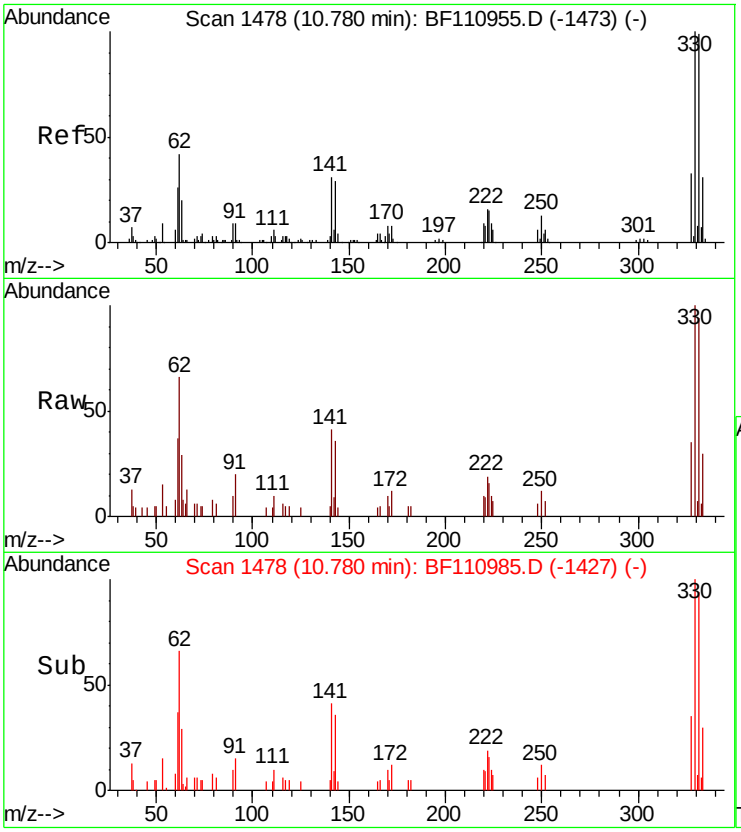


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:164 Resp: 81074

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	44.3	37.0	55.6



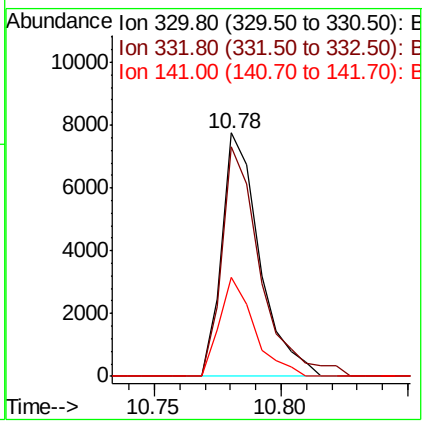


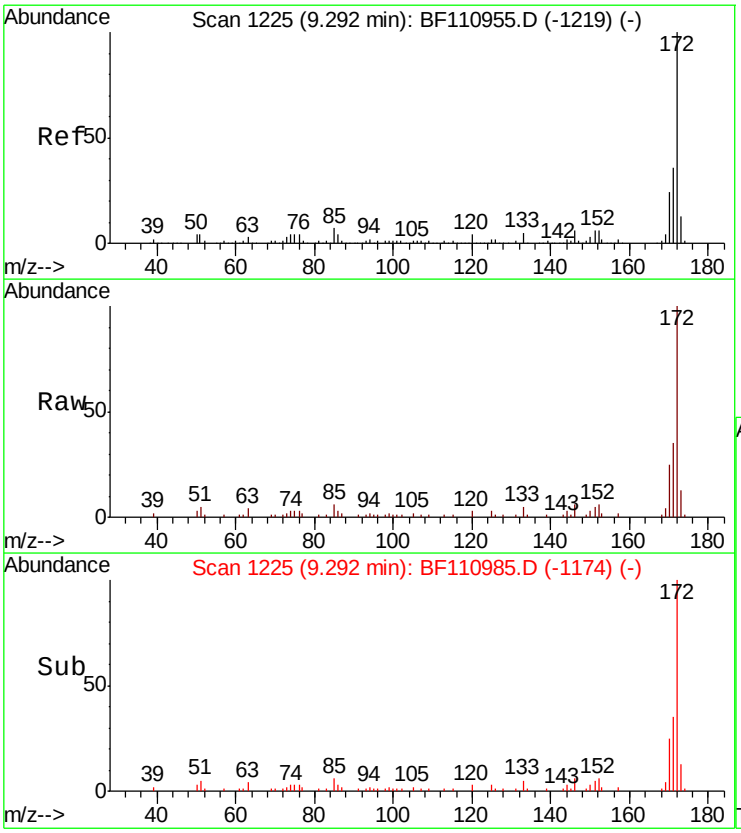
#42
2,4,6-Tribromophenol
Concen: 10.000 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion:330 Resp: 8052

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	37.5	27.0	40.4

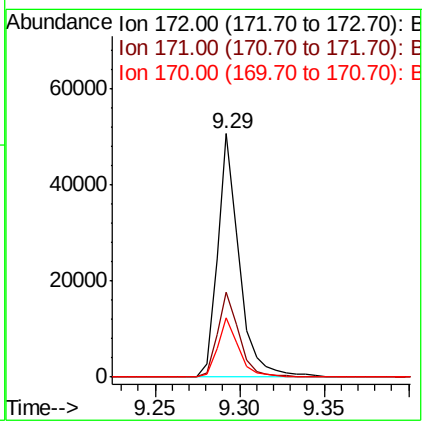


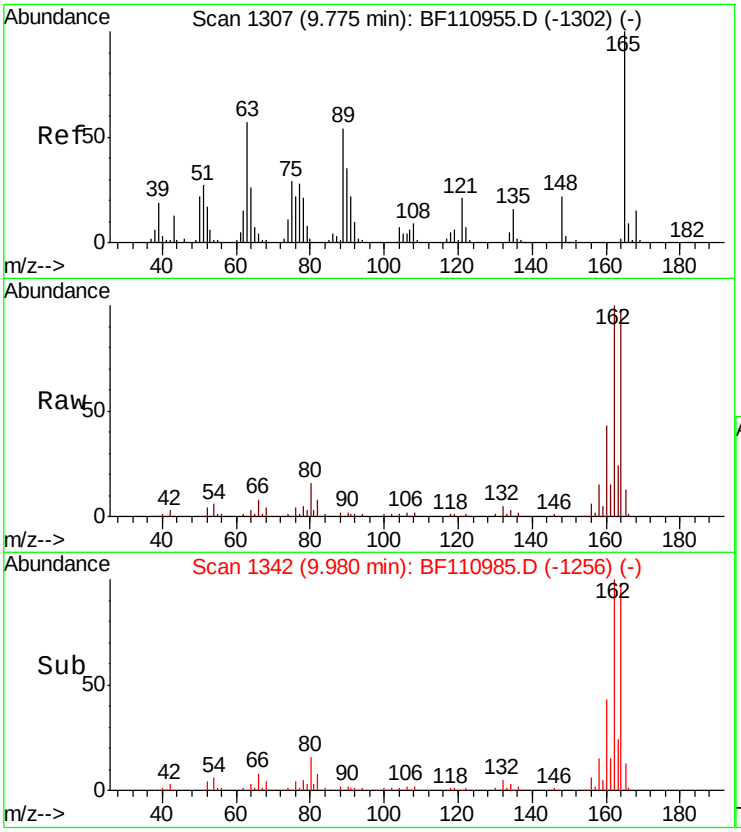


#45
2-Fluorobiphenyl
Concen: 8.068 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:172 Resp: 45150

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	24.6	19.7	29.5



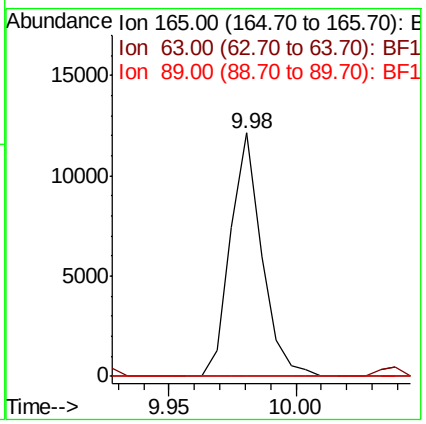


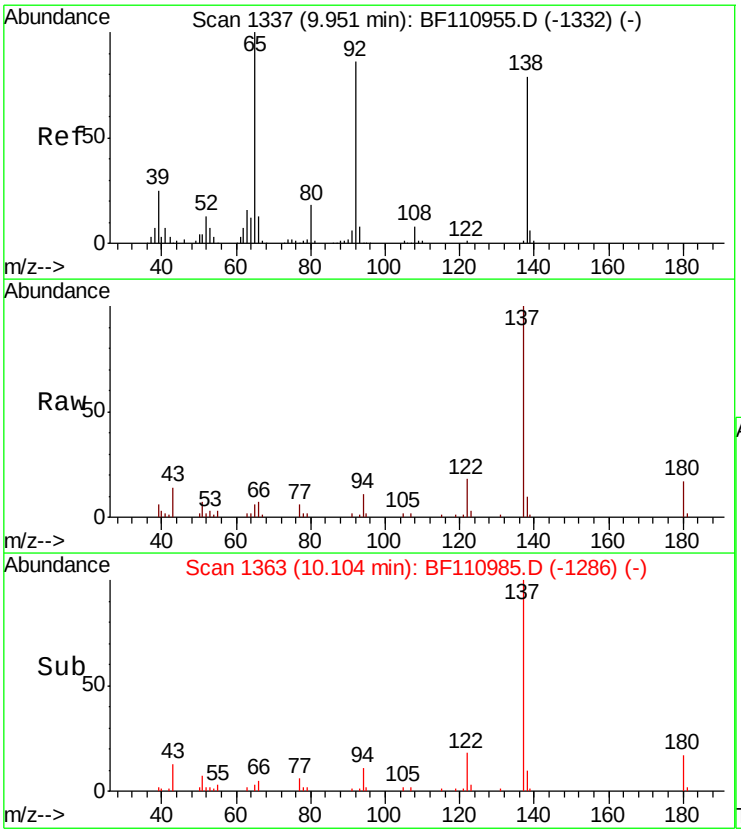
#51
2,6-Dinitrotoluene
Concen: 7.869 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion:165 Resp: 10416

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

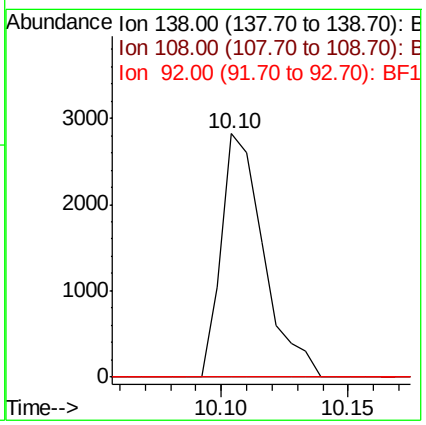


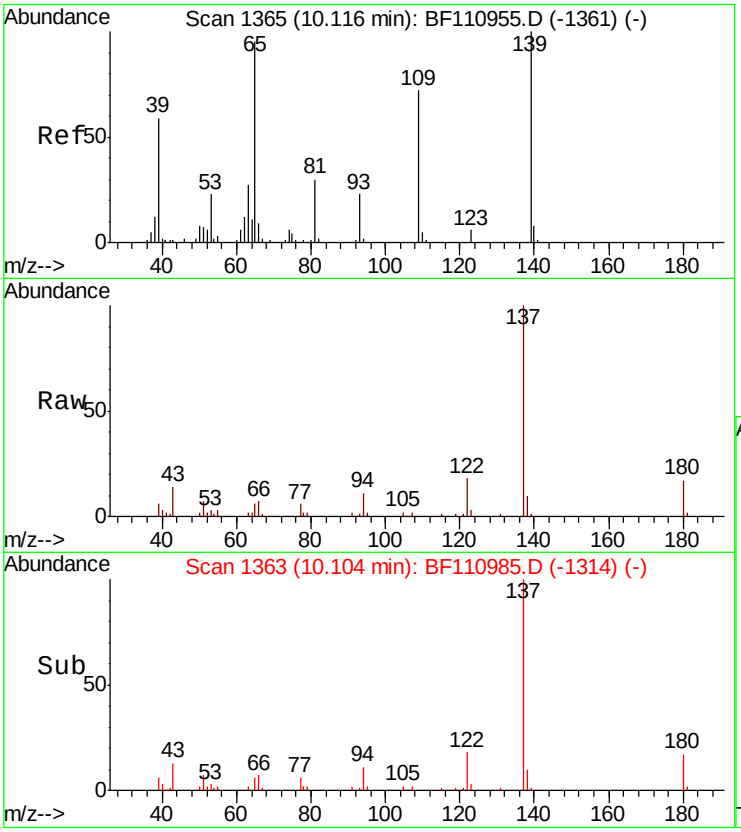


#53
3-Nitroaniline
Concen: 2.133 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.15 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:138 Resp: 3291

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.7	13.1#
92	0.0	97.0	145.4#



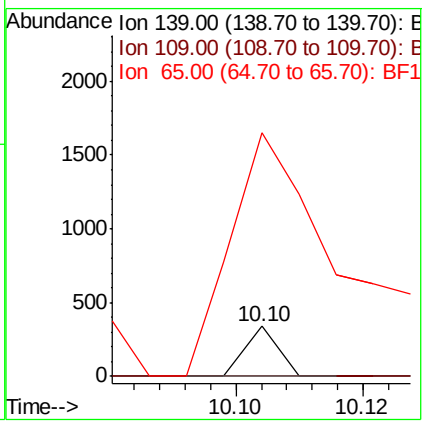


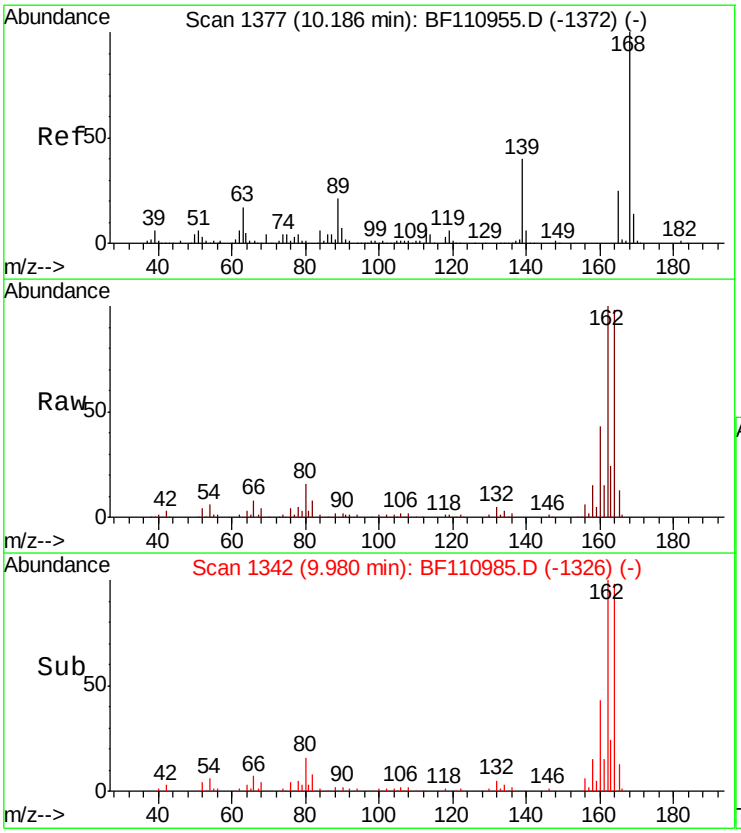
#56
4-Nitrophenol
Concen: 4.370 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion:139 Resp: 120

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	485.6	77.9	117.9#

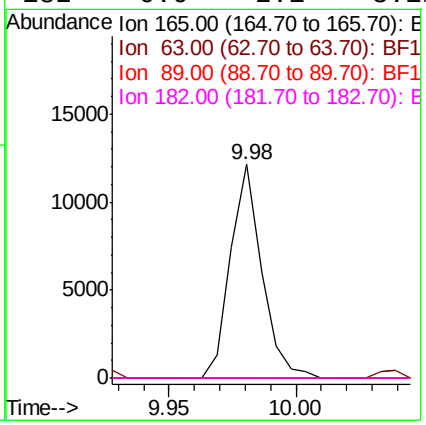


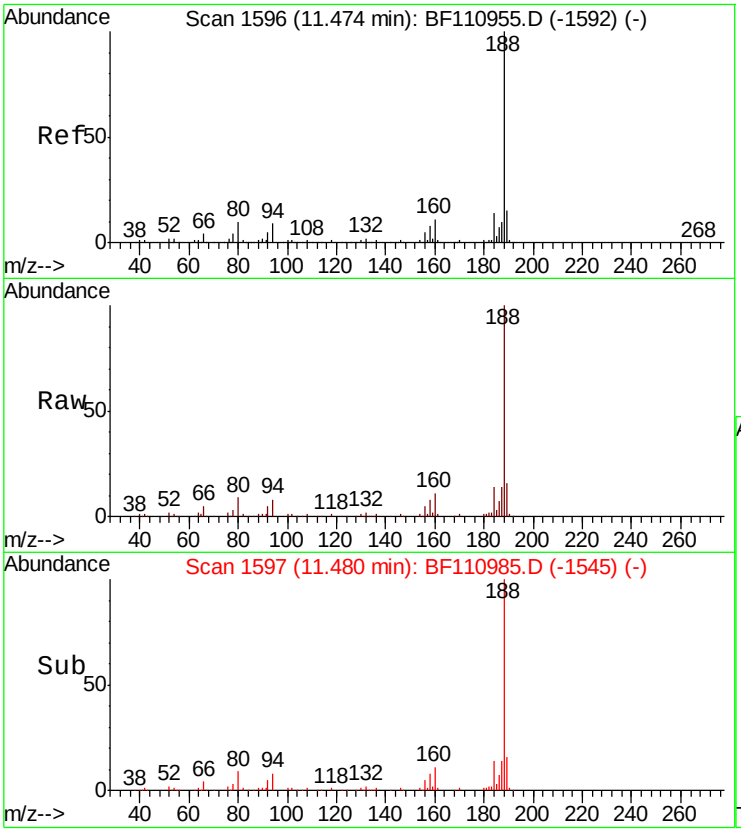


#57
2,4-Dinitrotoluene
Concen: 6.065 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:165 Resp: 10416

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



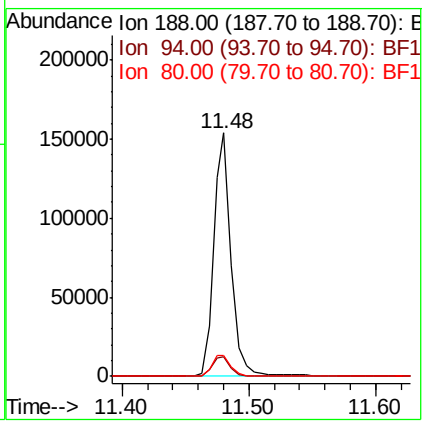


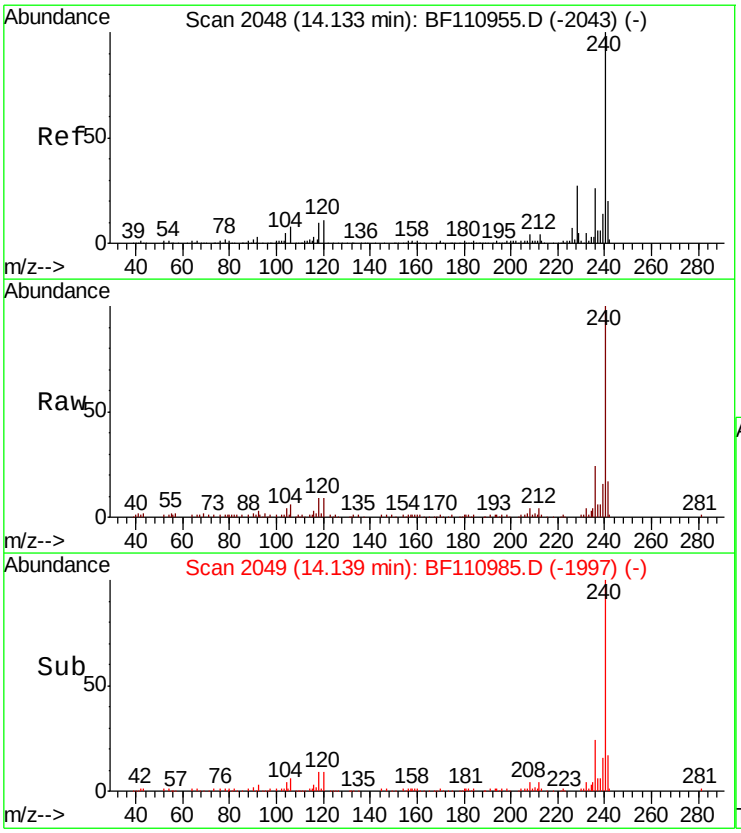
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion:188 Resp: 148015

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.7	7.9	11.9

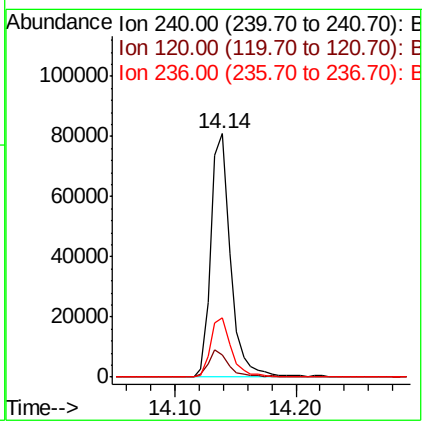


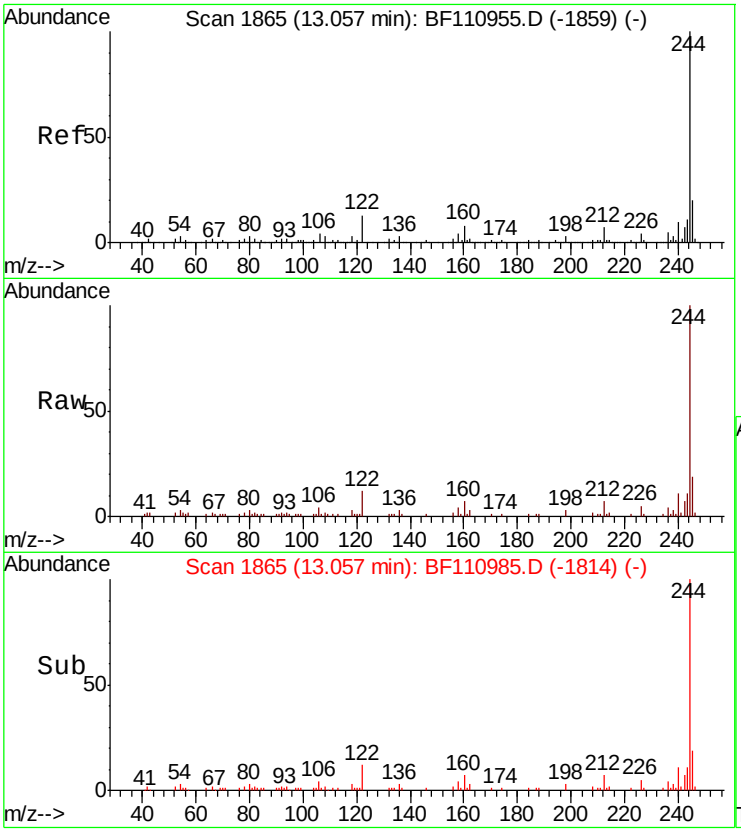


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:240 Resp: 90801

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.3	12.5
236	24.4	21.2	31.8



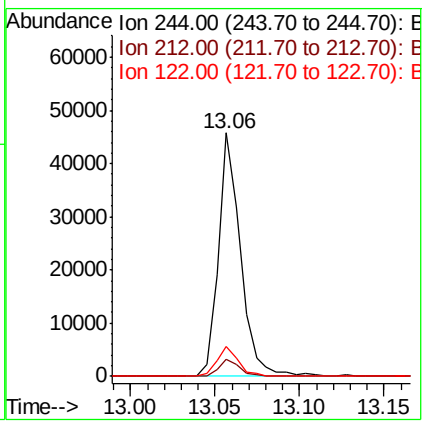


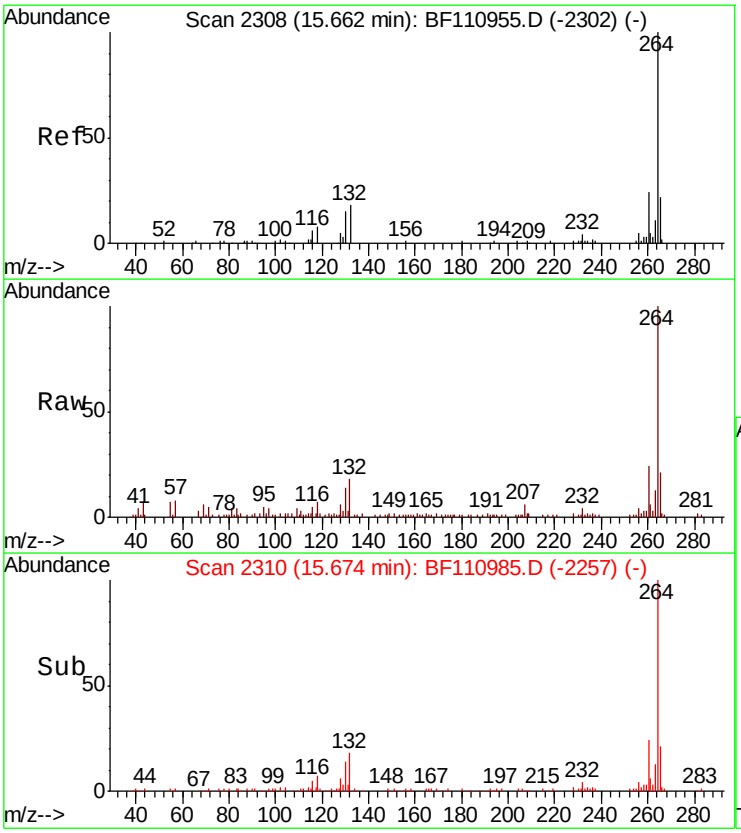
#79
Terphenyl-d14
Concen: 8.960 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tgt Ion:244 Resp: 41796

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.2	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:264 Resp: 70509

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.4	16.7	25.1