Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110741.D
Acq On : 14 Nov 2018 1:23
Operator : JU/SJ
Sample : J5921-08 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-UST-MIDDLE

Quant Time: Nov 14 04:32:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	76576	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	291966	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	113983	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	186420	20.00	ng		0.00
76) Chrysene-d12	14.13	240	157536	20.00	ng		-0.01
87) Perylene-d12	15.66	264	100924	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	7260	1.54	ng		0.01
7) Phenol-d6	6.58	99	7680	1.27	ng		0.00
23) Nitrobenzene-d5	7.51	82	14796	2.92	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	4614	4.02	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	32741	4.10	ng		0.00
79) Terphenyl-d14	13.06	244	28056	3.34	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.47	117	51543	22.737	ng	#	1
22) Acetophenone	7.33	105	38535	5.663	ng	#	60
24) Nitrobenzene	7.50	77	11222	2.160	ng	#	1
31) Naphthalene	8.25	128	130289	9.506	ng		98
37) 2-Methylnaphthalene	8.94	142	31728	3.531	ng		98
38) 1-Methylnaphthalene	9.04	142	25044	2.898	ng	#	97
51) 2,6-Dinitrotoluene	9.74	165	6307	3.371	ng	#	71
57) 2,4-Dinitrotoluene	9.99	165	14644	6.020	ng	#	23

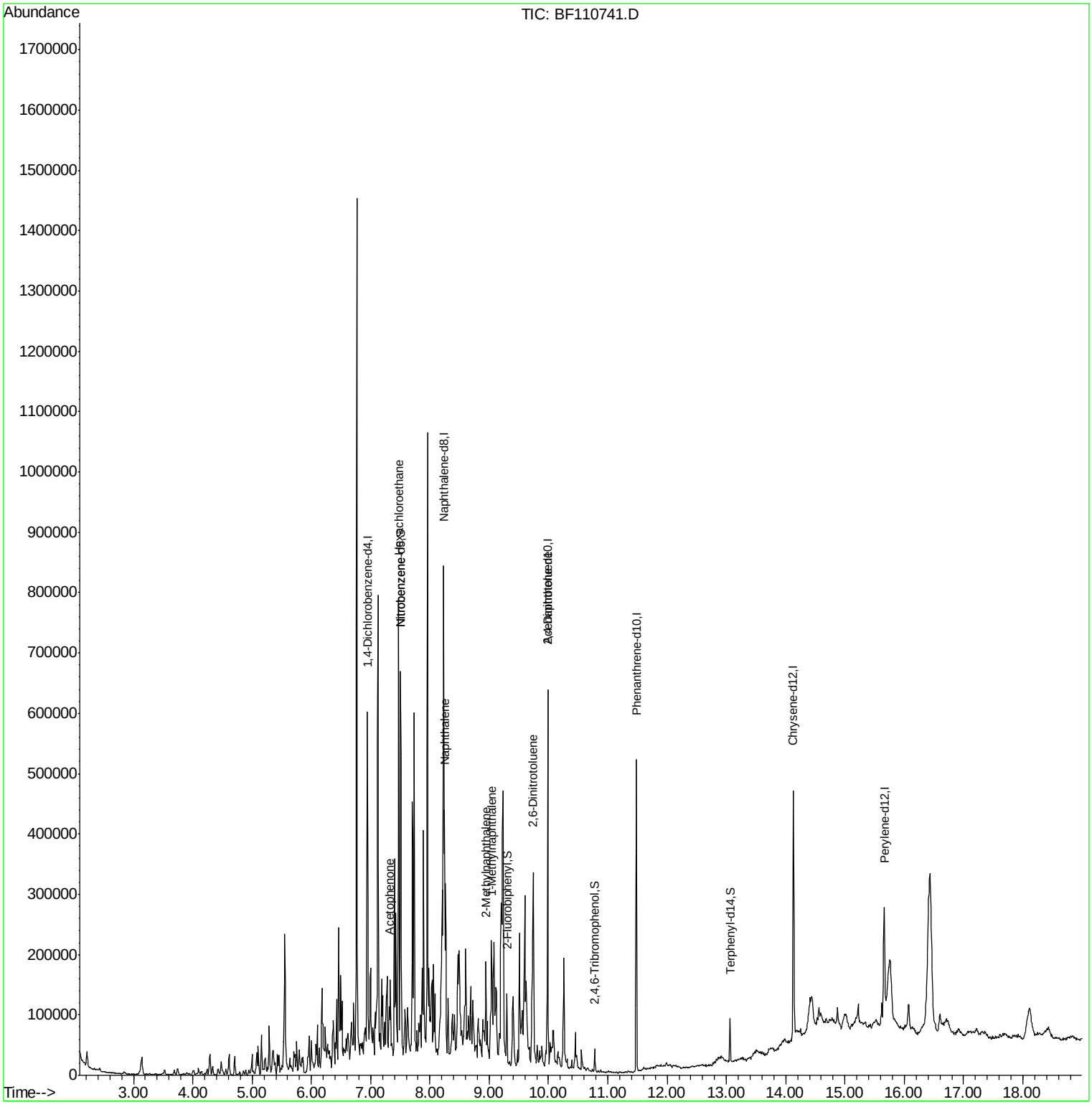
(#) = qualifier out of range (m) = manual integration (+) = signals summed

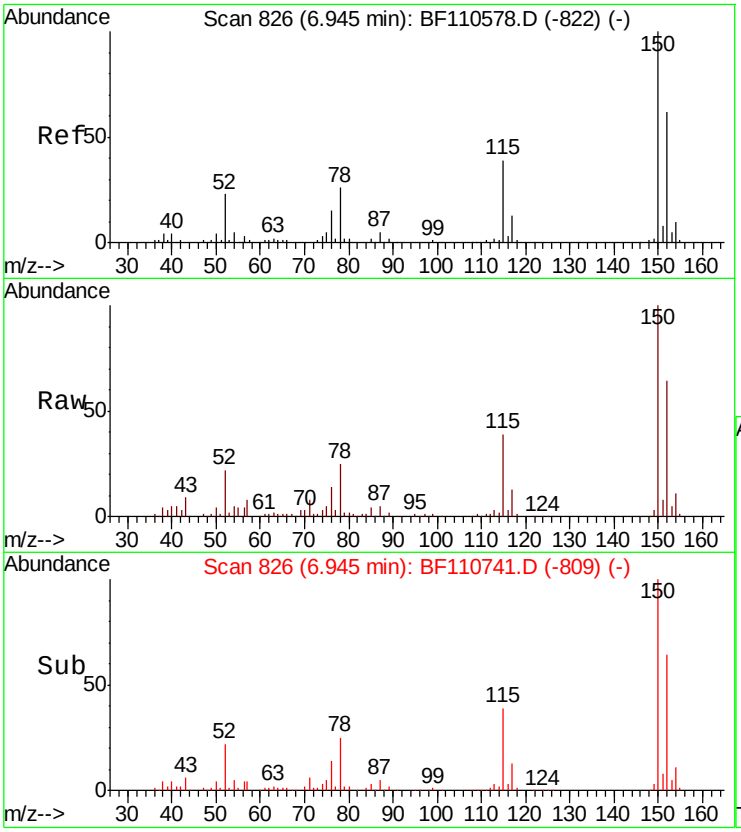
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110741.D
Acq On : 14 Nov 2018 1:23
Operator : JU/SJ
Sample : J5921-08 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Quant Time: Nov 14 04:32:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



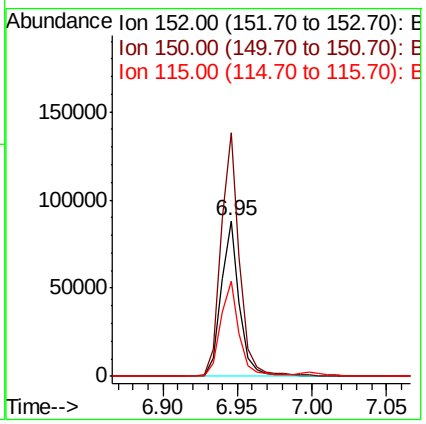


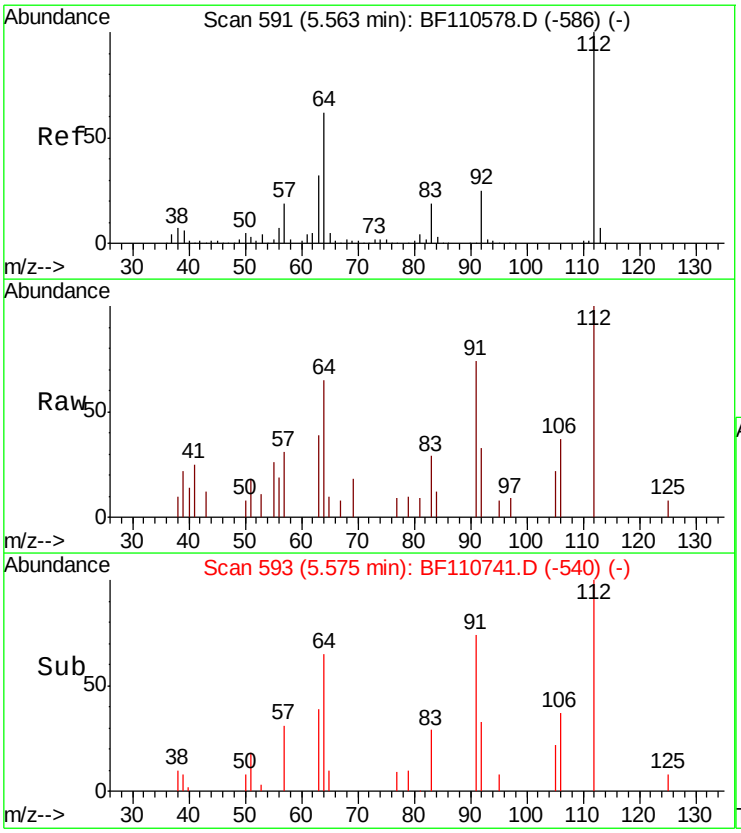
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion:152 Resp: 76576

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	61.6	49.1	73.7

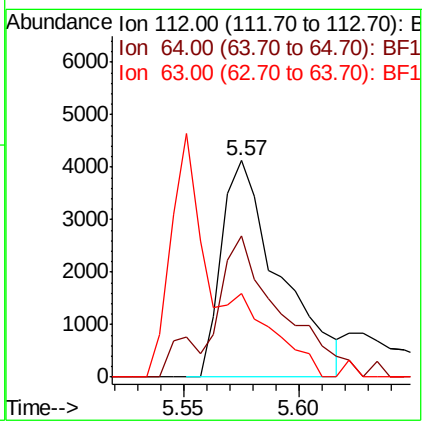


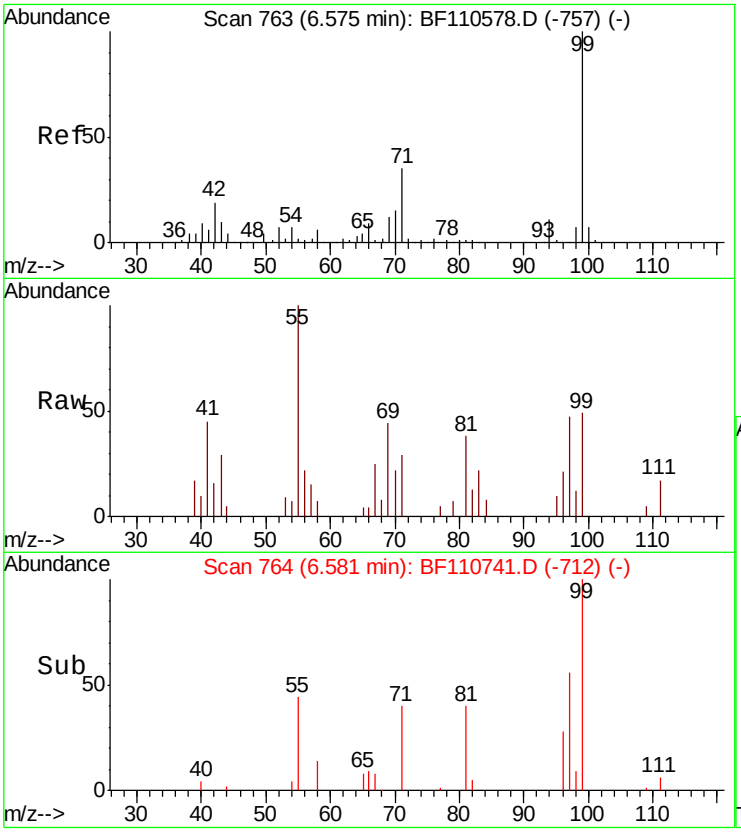


#5
2-Fluorophenol
Concen: 1.540 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:112 Resp: 7260

Ion	Ratio	Lower	Upper
112	100		
64	65.4	44.1	66.1
63	38.9	23.7	35.5#



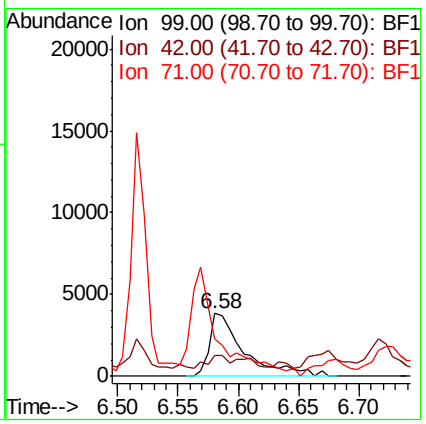


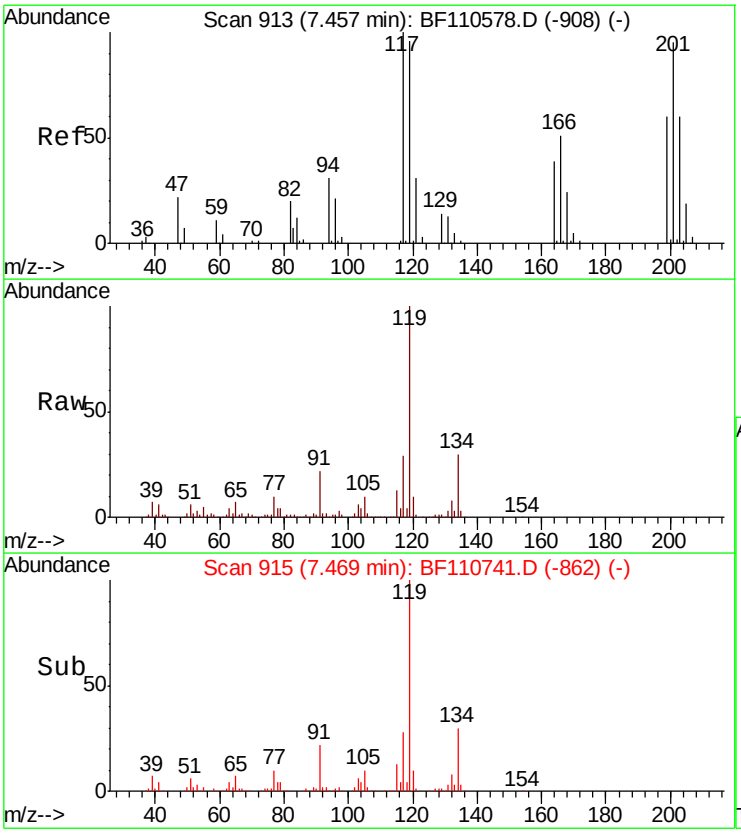
#7
Phenol-d6
Concen: 1.274 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion: 99 Resp: 7680

Ion	Ratio	Lower	Upper
99	100		
42	32.7	15.8	23.6#
71	58.5	28.0	42.0#

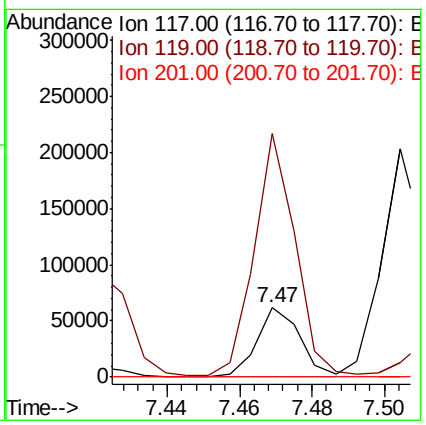


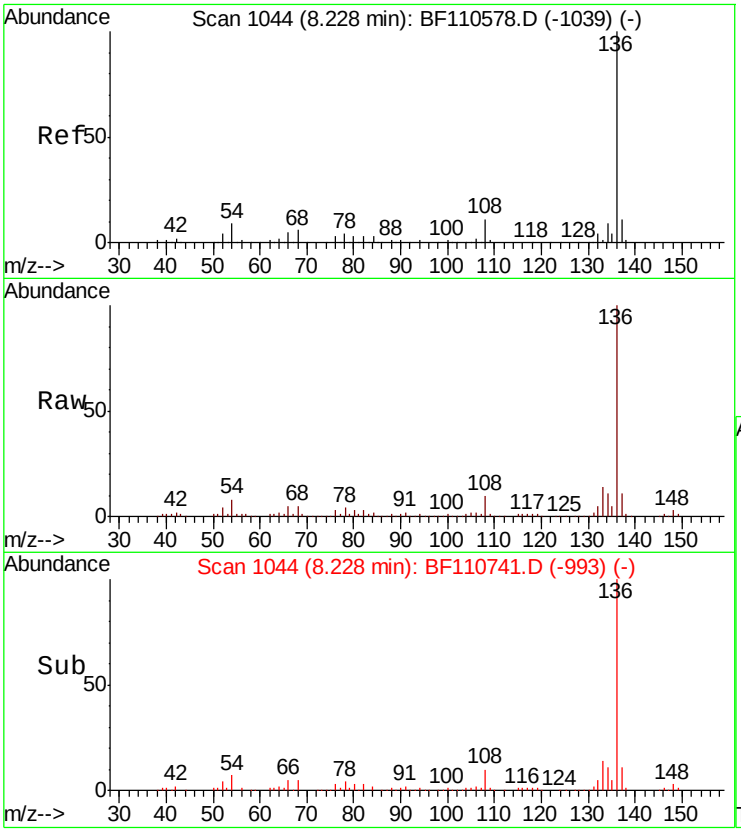


#18
Hexachloroethane
Concen: 22.737 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:117 Resp: 51543

Ion	Ratio	Lower	Upper
117	100		
119	350.7	75.0	112.6#
201	0.0	79.2	118.8#



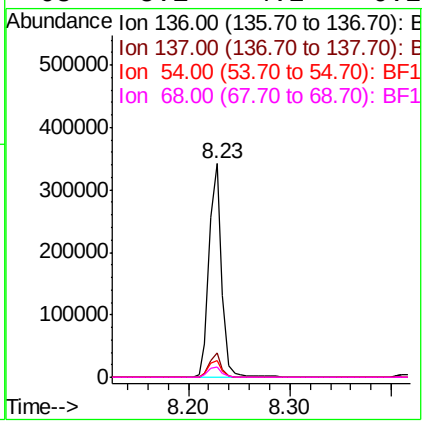


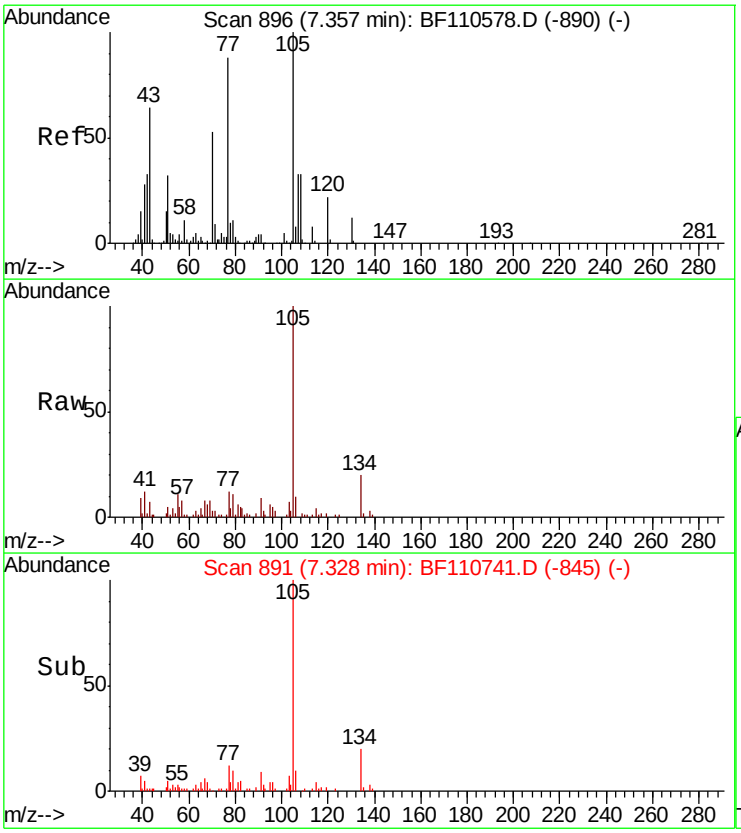
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion:136 Resp: 291966

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.6	5.4	8.2
68	5.1	4.2	6.2

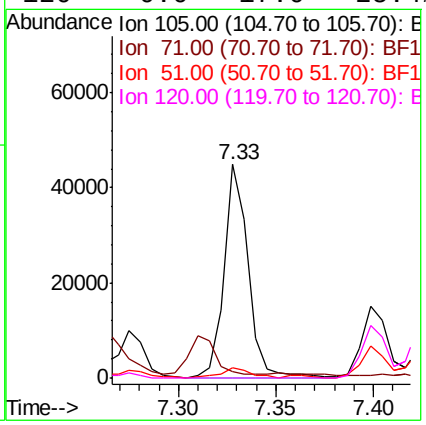


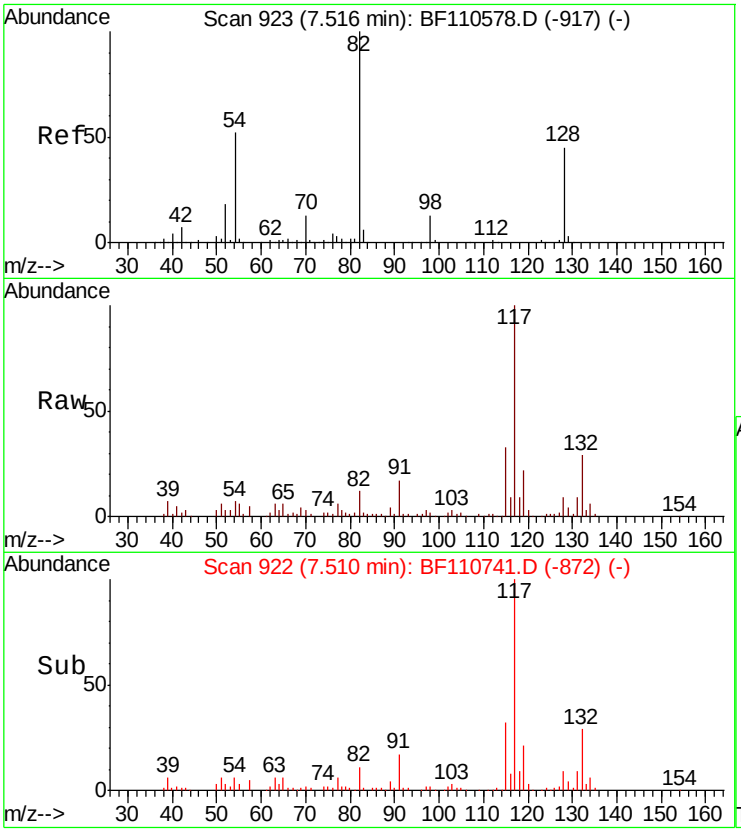


#22
Acetophenone
Concen: 5.663 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:105 Resp: 38535

Ion	Ratio	Lower	Upper
105	100		
71	2.8	5.2	7.8#
51	4.7	21.8	32.8#
120	0.0	17.0	25.4#



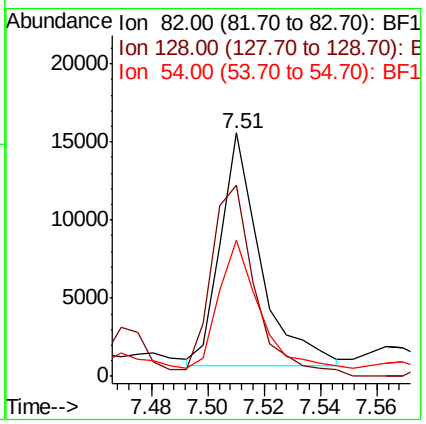


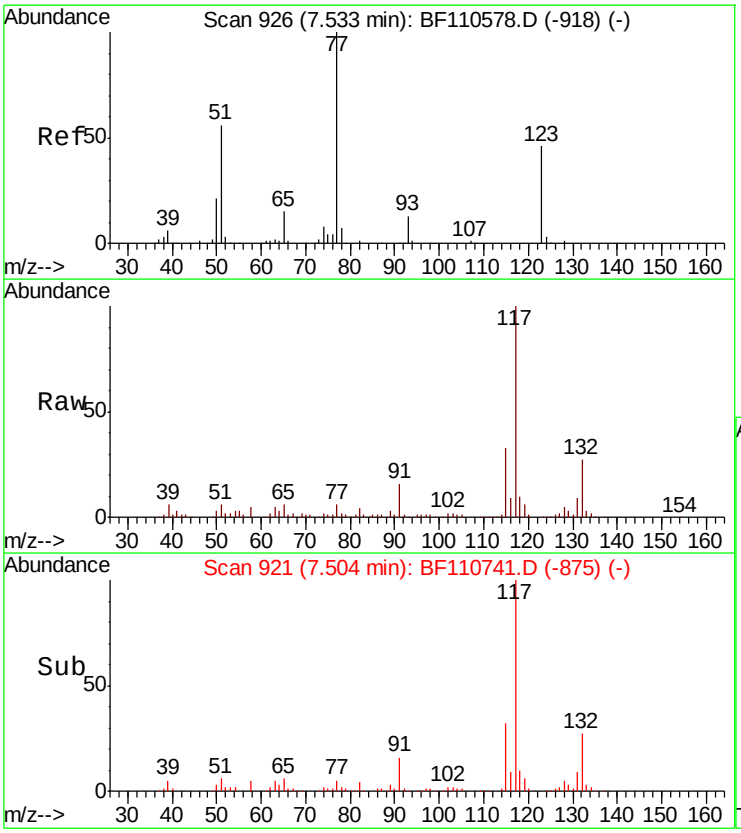
#23
Nitrobenzene-d5
Concen: 2.918 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion: 82 Resp: 14796

Ion	Ratio	Lower	Upper
82	100		
128	78.7	34.2	51.2#
54	55.8	38.6	58.0

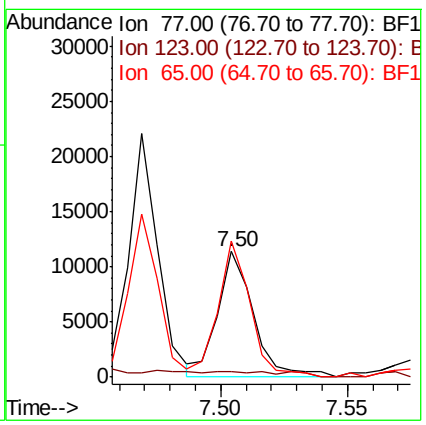


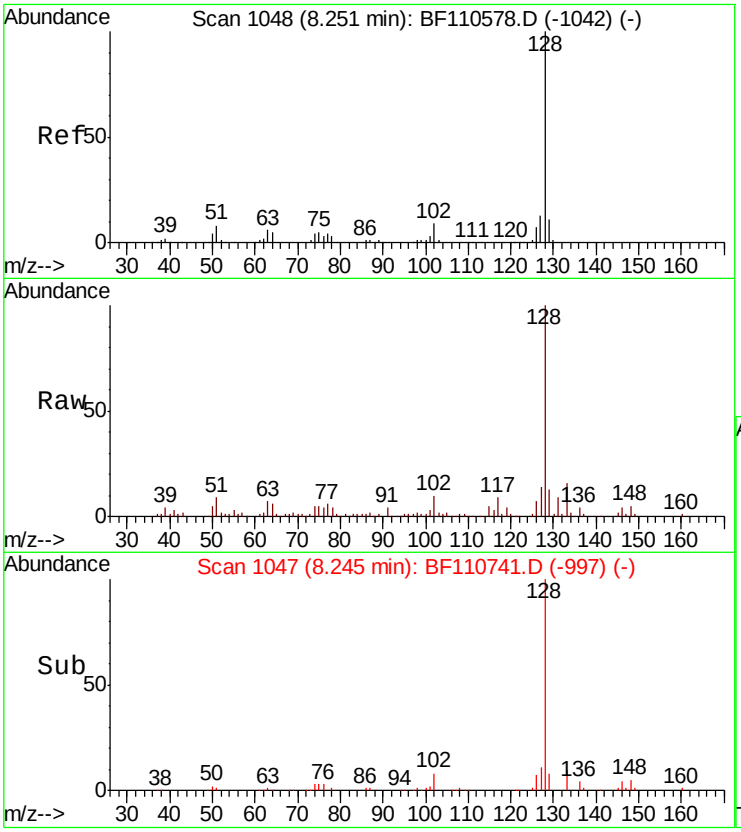


#24
Nitrobenzene
Concen: 2.160 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion: 77 Resp: 11222

Ion	Ratio	Lower	Upper
77	100		
123	4.3	35.7	53.5#
65	108.4	10.7	16.1#



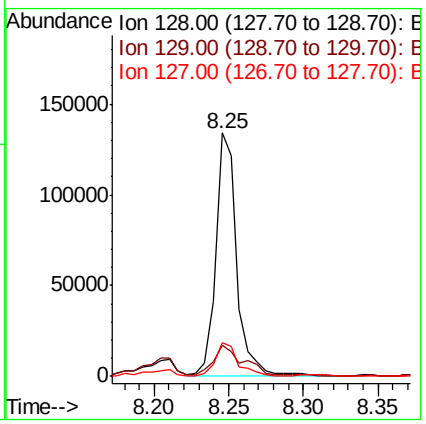


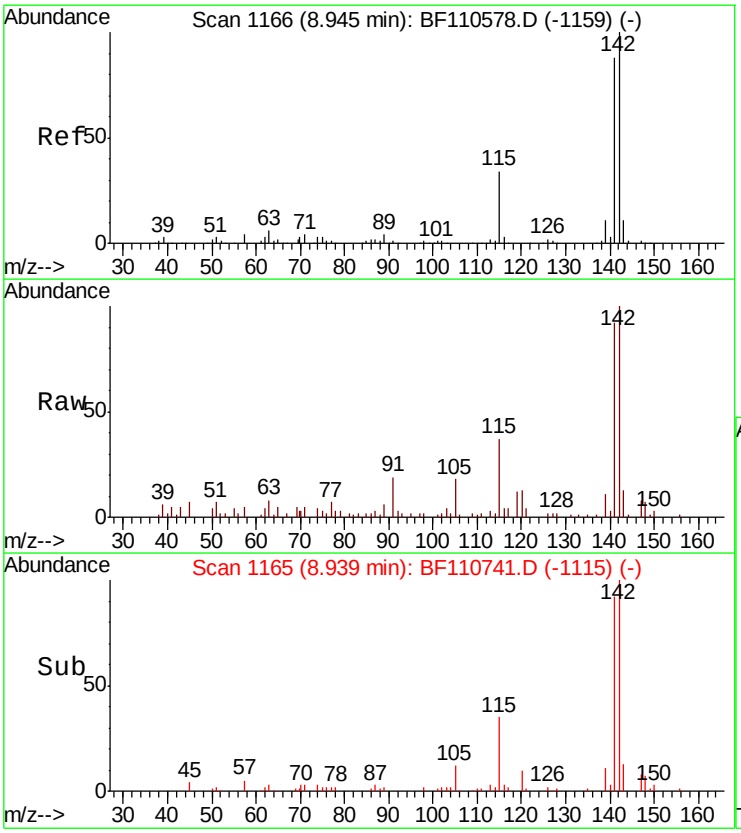
#31
Naphthalene
Concen: 9.506 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion:128 Resp: 130289

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	13.6	10.8	16.2

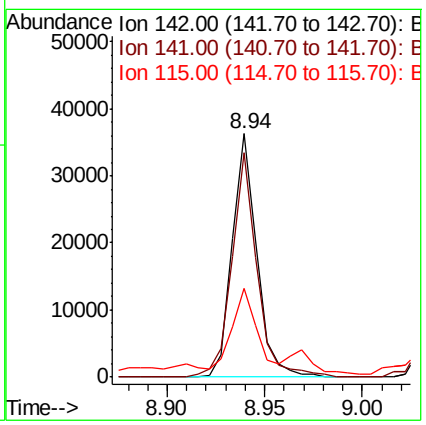


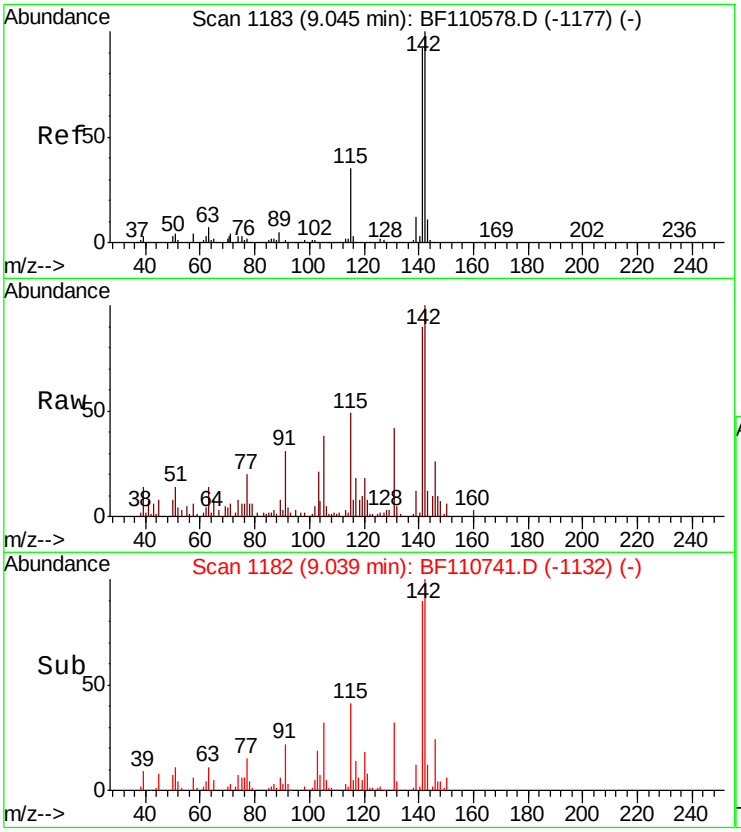


#37
2-Methylnaphthalene
Concen: 3.531 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:142 Resp: 31728

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.4	107.2
115	36.5	28.7	43.1



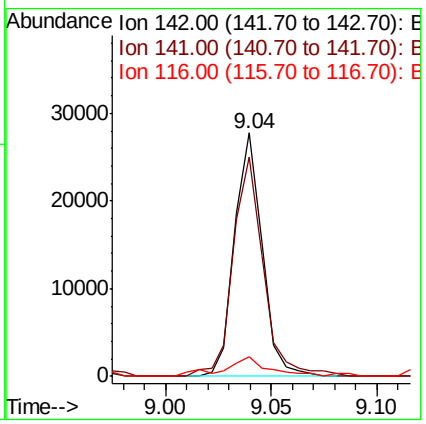


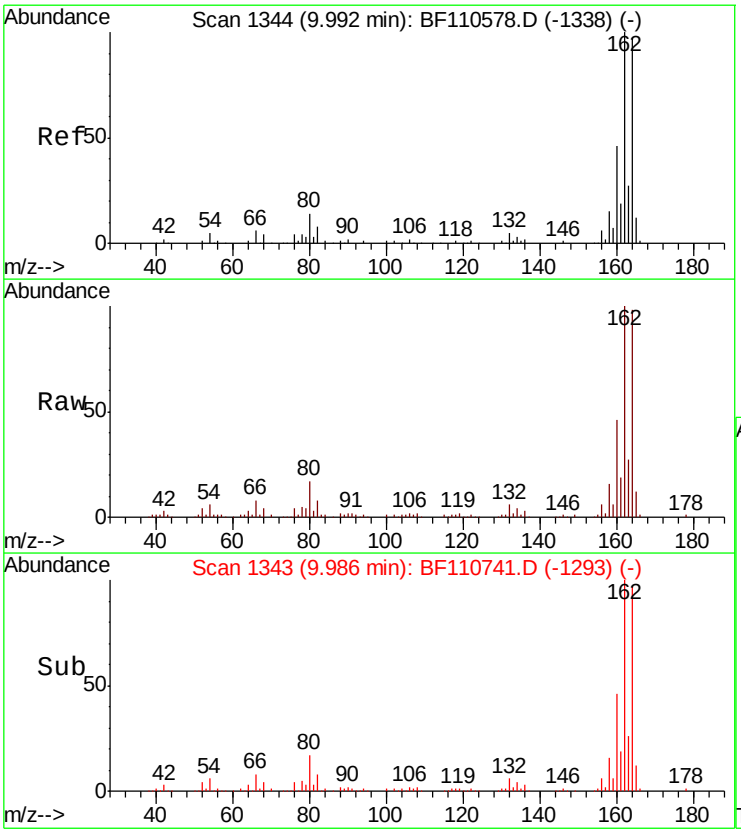
#38
1-Methylnaphthalene
Concen: 2.898 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion:142 Resp: 25044

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.2	111.4
116	8.3	2.6	4.0#

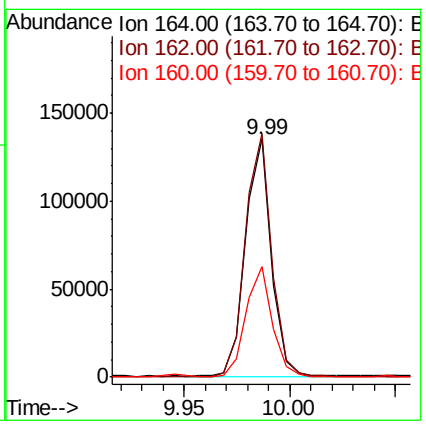


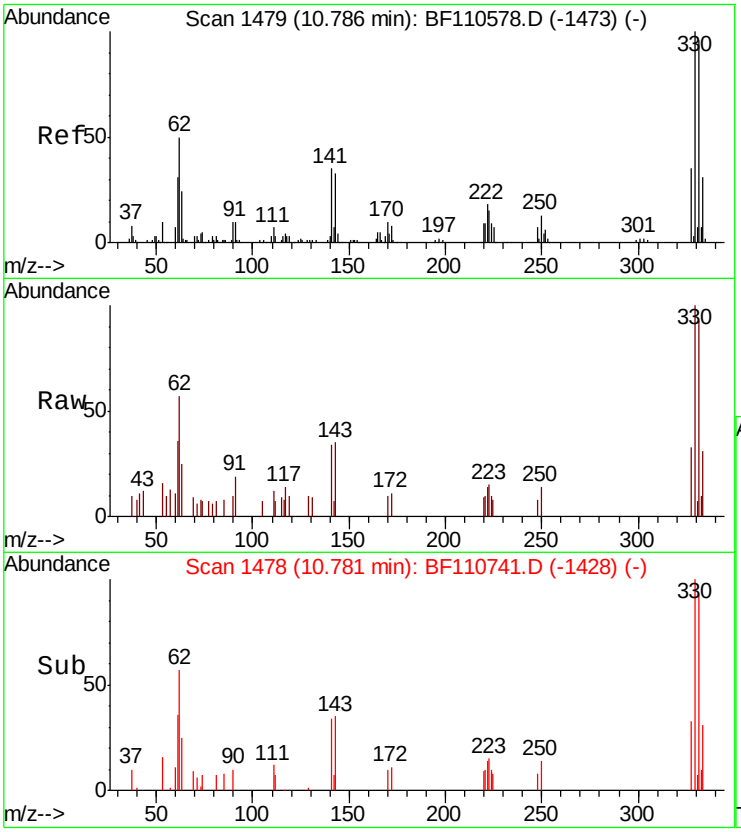


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:164 Resp: 113983

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	46.6	37.0	55.6



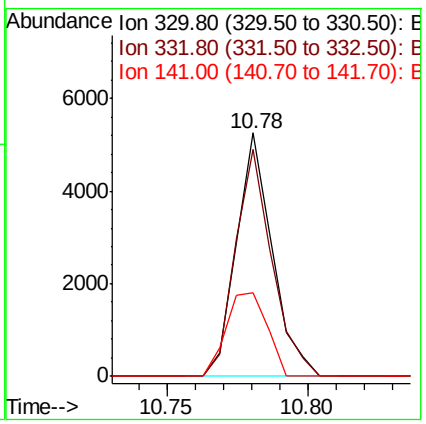


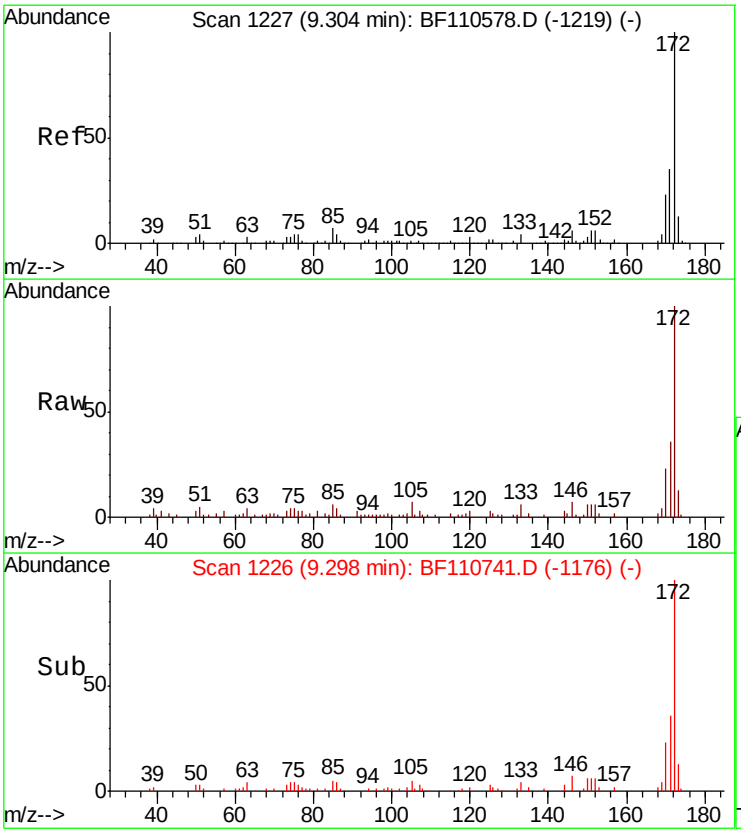
#42
2,4,6-Tribromophenol
Concen: 4.017 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion:330 Resp: 4614

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	39.5	27.0	40.4

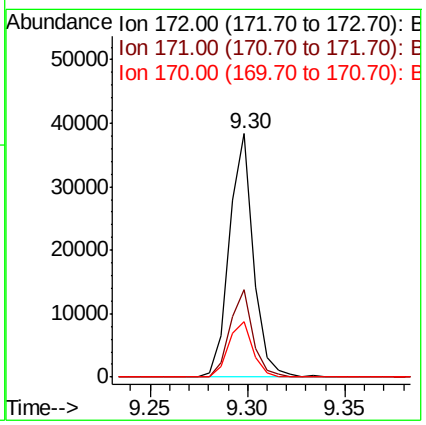


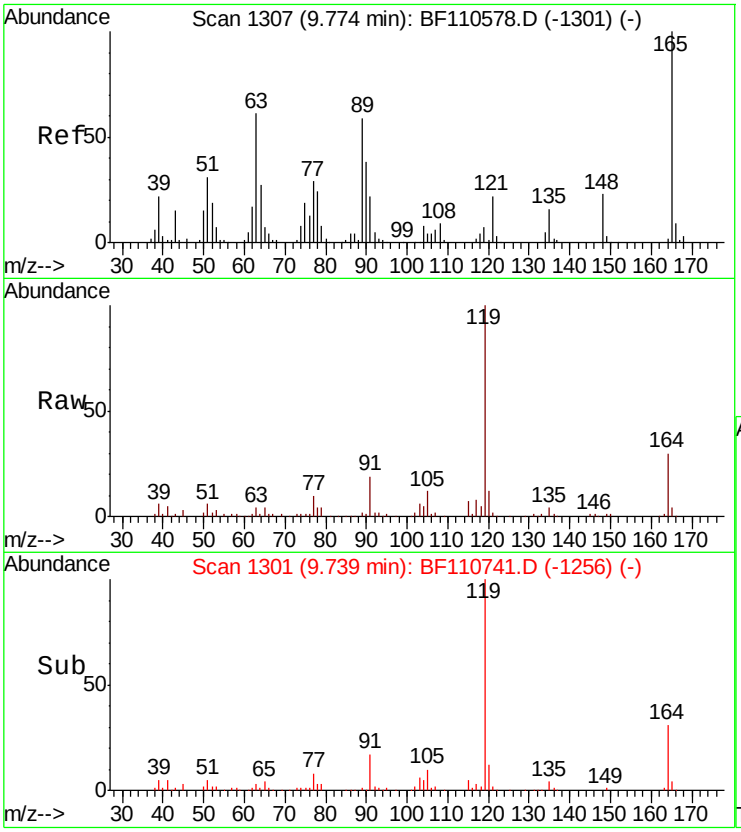


#45
2-Fluorobiphenyl
Concen: 4.102 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:172 Resp: 32741

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	22.8	19.7	29.5



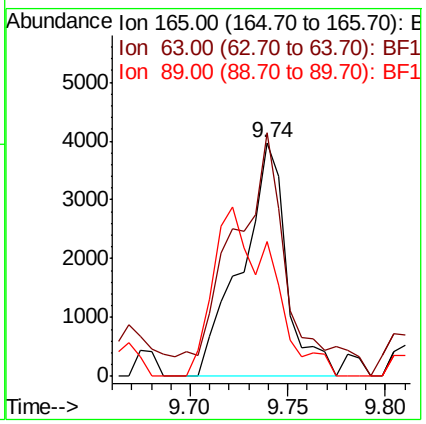


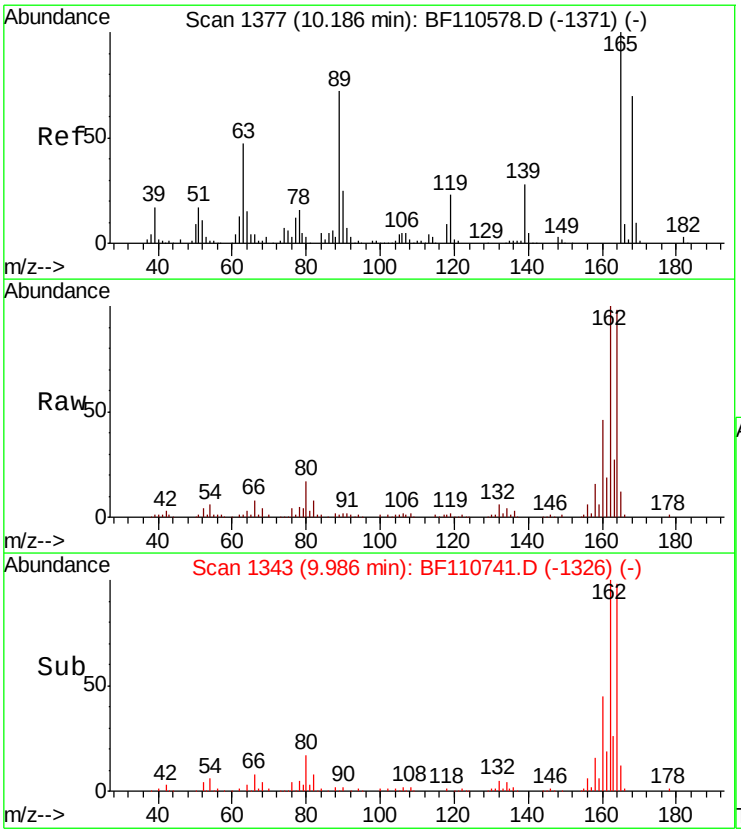
#51
2,6-Dinitrotoluene
Concen: 3.371 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion:165 Resp: 6307

Ion	Ratio	Lower	Upper
165	100		
63	104.0	48.9	73.3#
89	57.6	46.6	69.8

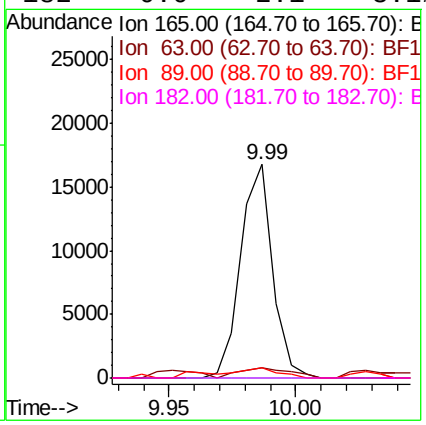


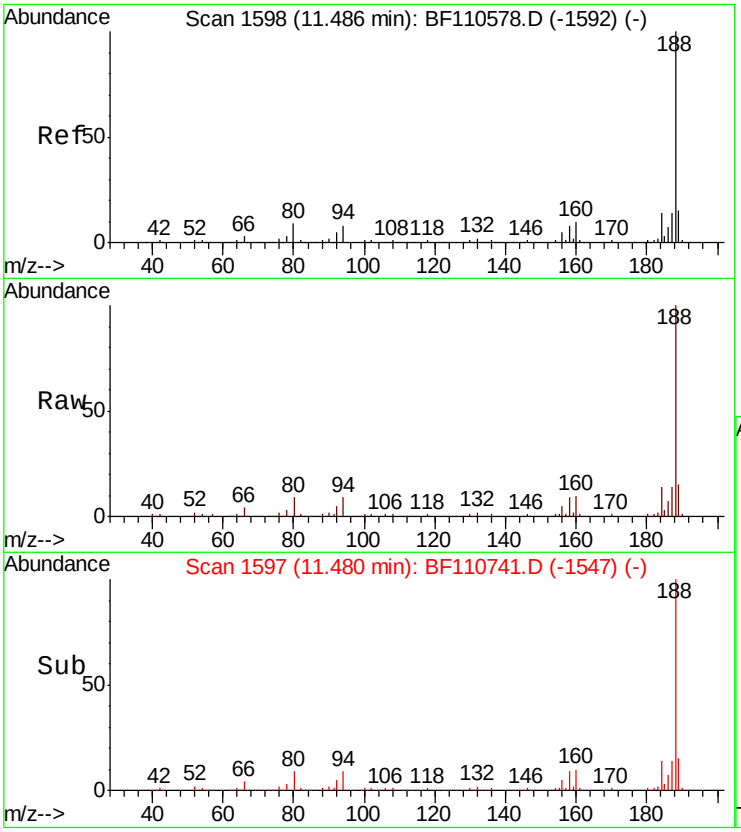


#57
2,4-Dinitrotoluene
Concen: 6.020 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:165 Resp: 14644

Ion	Ratio	Lower	Upper
165	100		
63	4.6	44.8	67.2#
89	4.5	62.2	93.4#
182	0.0	2.1	3.1#



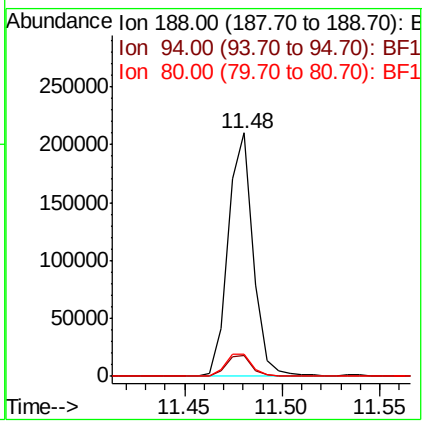


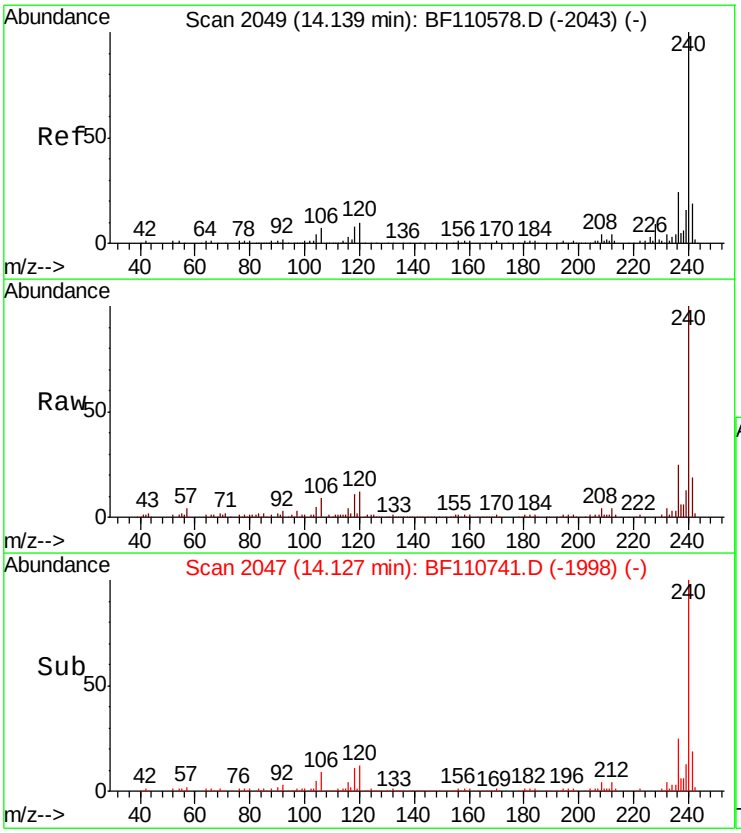
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion:188 Resp: 186420

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.1	7.9	11.9

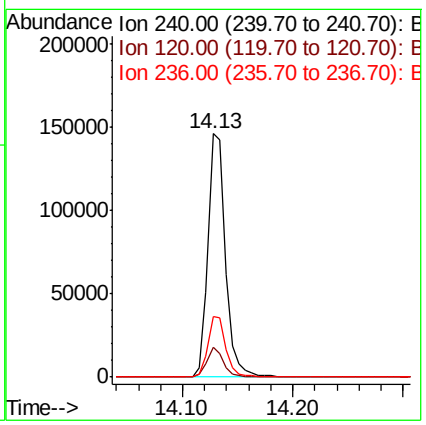


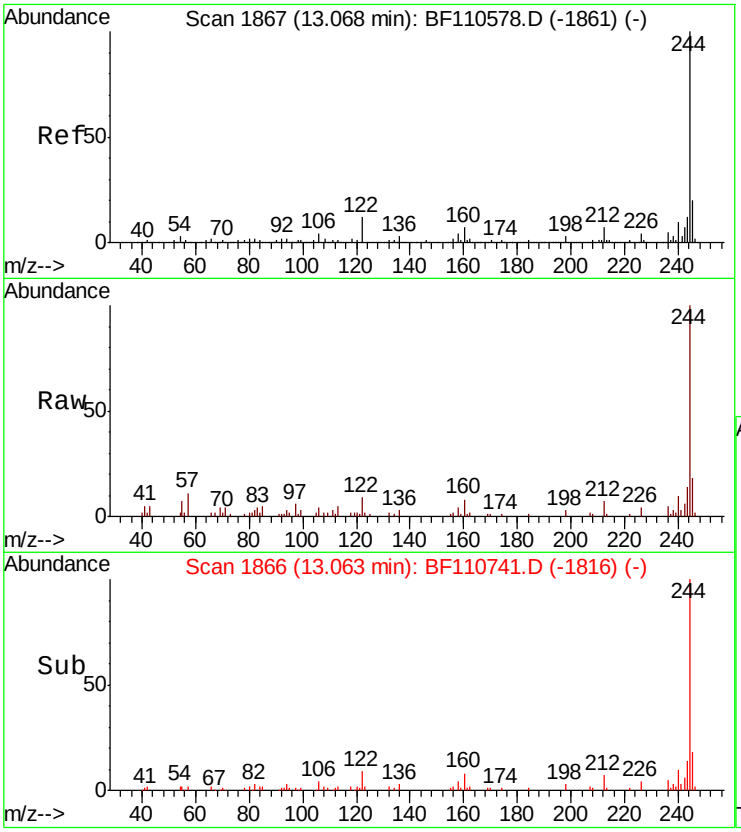


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:240 Resp: 157536

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.1	21.2	31.8



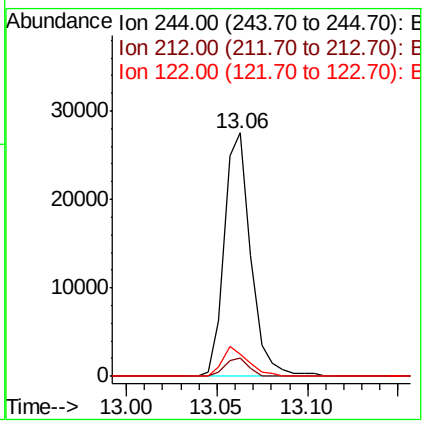


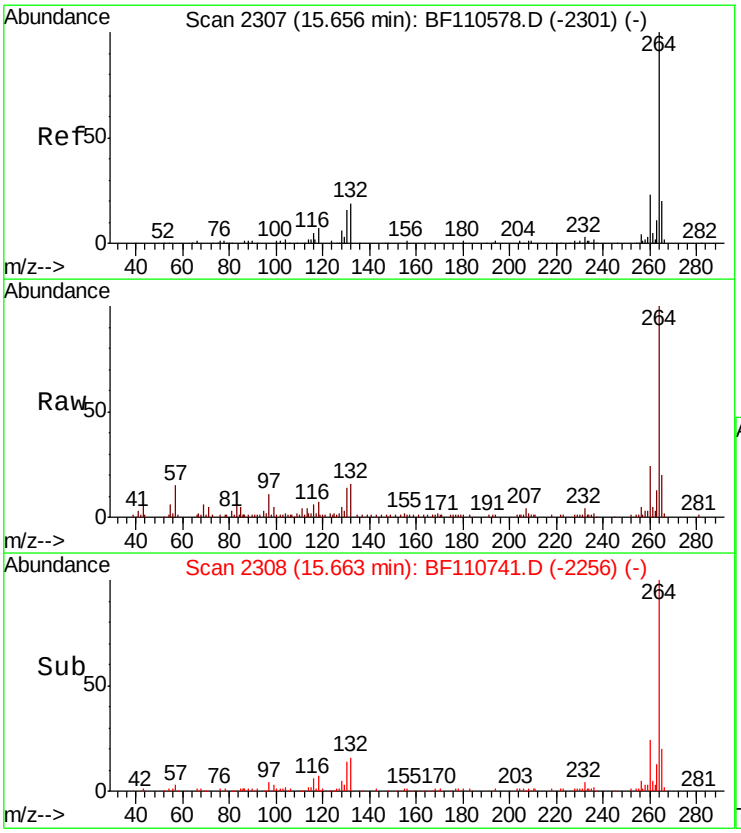
#79
Terphenyl-d14
Concen: 3.335 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tgt Ion:244 Resp: 28056

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	8.9	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:264 Resp: 100924

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	20.4	16.7	25.1