Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111080.D
Acq On : 29 Nov 2018 8:05
Operator : JU/SJ
Sample : J6078-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 09:52:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	56803	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	241382	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	102951	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	161419	20.00	ng	0.00
76) Chrysene-d12	14.13	240	127658	20.00	ng	0.00
87) Perylene-d12	15.66	264	103729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	157064	45.85	ng	0.00
7) Phenol-d6	6.57	99	122034	27.34	ng	0.00
23) Nitrobenzene-d5	7.50	82	419382	99.43	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	86256	84.36	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	763493	107.44	ng	0.00
79) Terphenyl-d14	13.05	244	546213	83.29	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	55504	19.089	ng	# 78
25) Isophorone	7.50	82	419382	60.617	ng	# 67
51) 2,6-Dinitrotoluene	9.97	165	13148	7.822	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	13148	6.029	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	5041	2.867	ng	# 1
77) Benzidine	13.05	184	7370	2.257	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111080.D
Acq On : 29 Nov 2018 8:05
Operator : JU/SJ
Sample : J6078-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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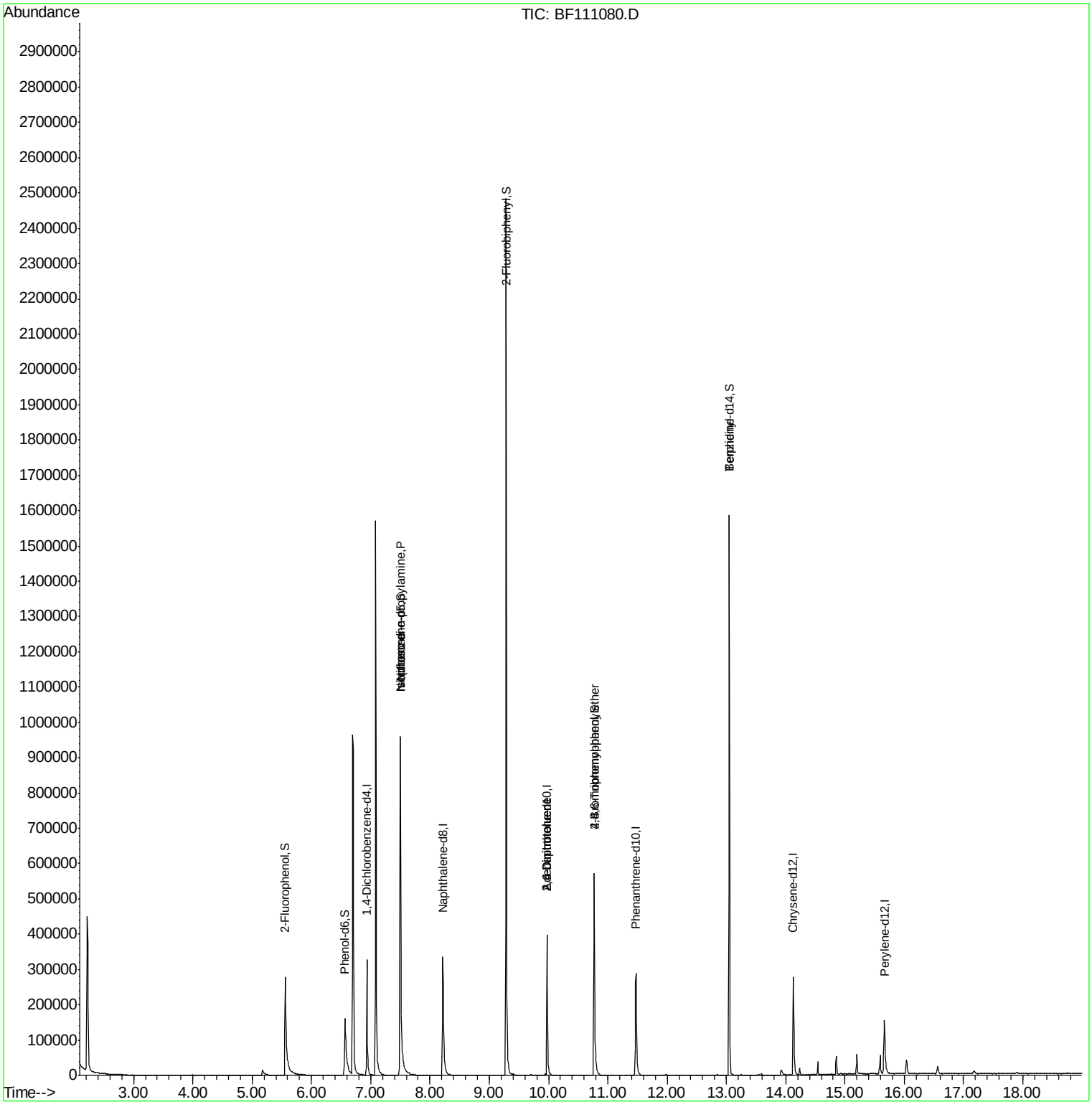
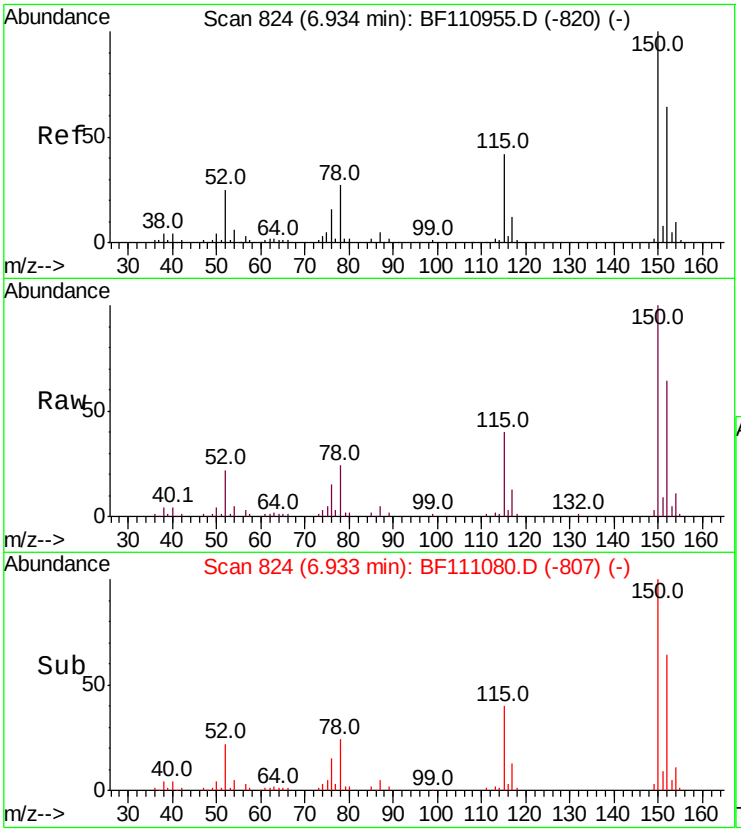
ClientSampleId :

Quant Time: Nov 29 09:52:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

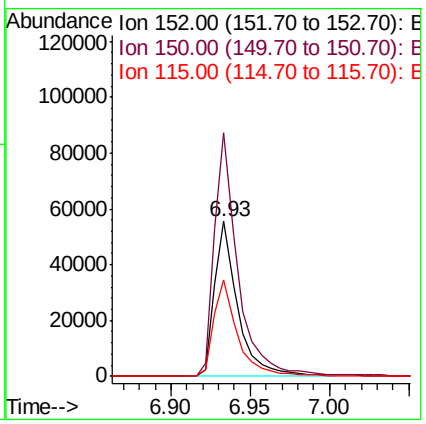




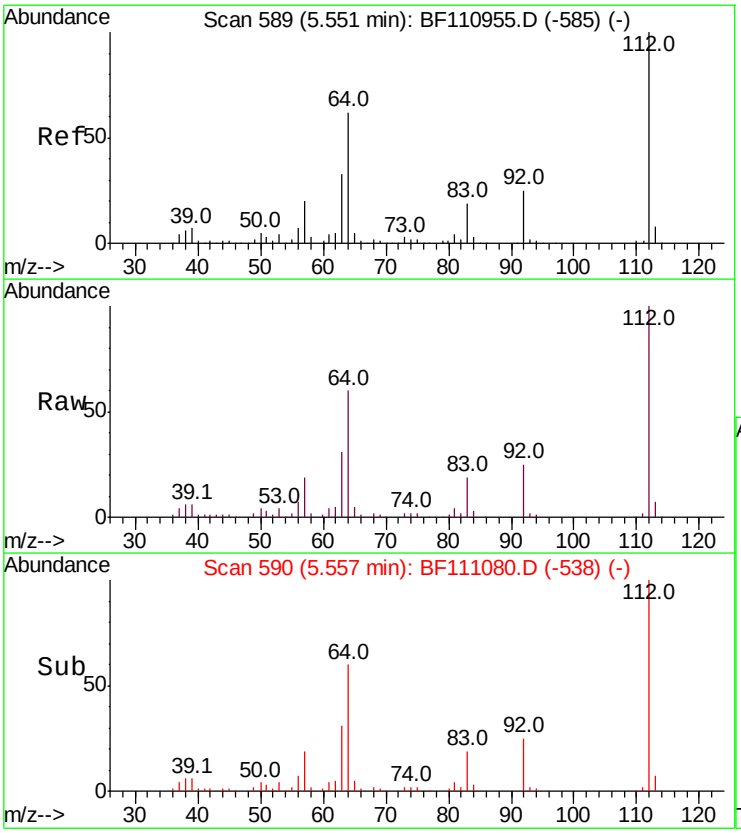
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion:152 Resp: 56803

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	62.0	49.1	73.7



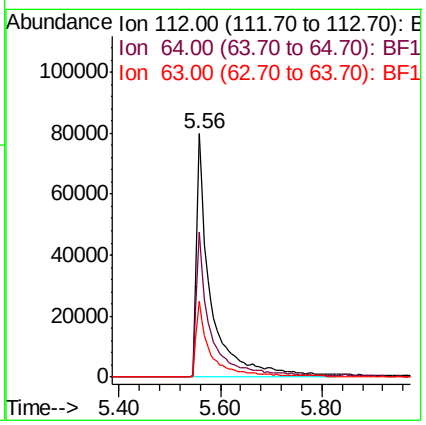
Instrument :
BNA_F
ClientSampleId :

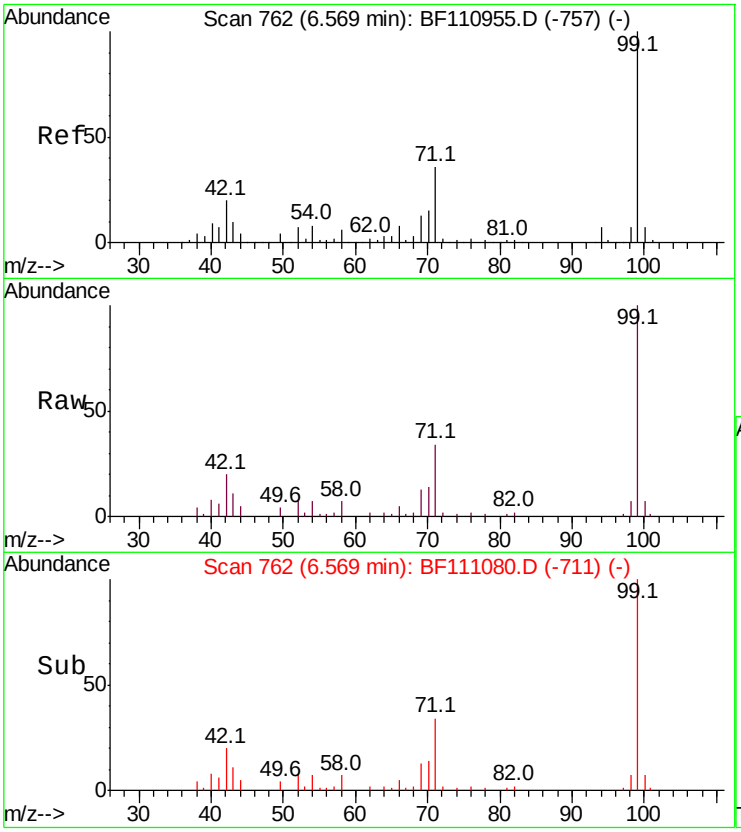


#5
2-Fluorophenol
Concen: 45.854 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion:112 Resp: 157064

Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.1	66.1
63	31.0	23.7	35.5



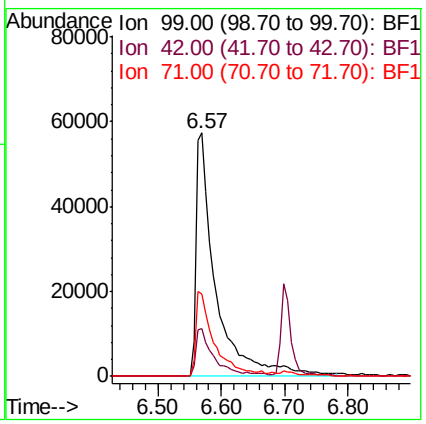


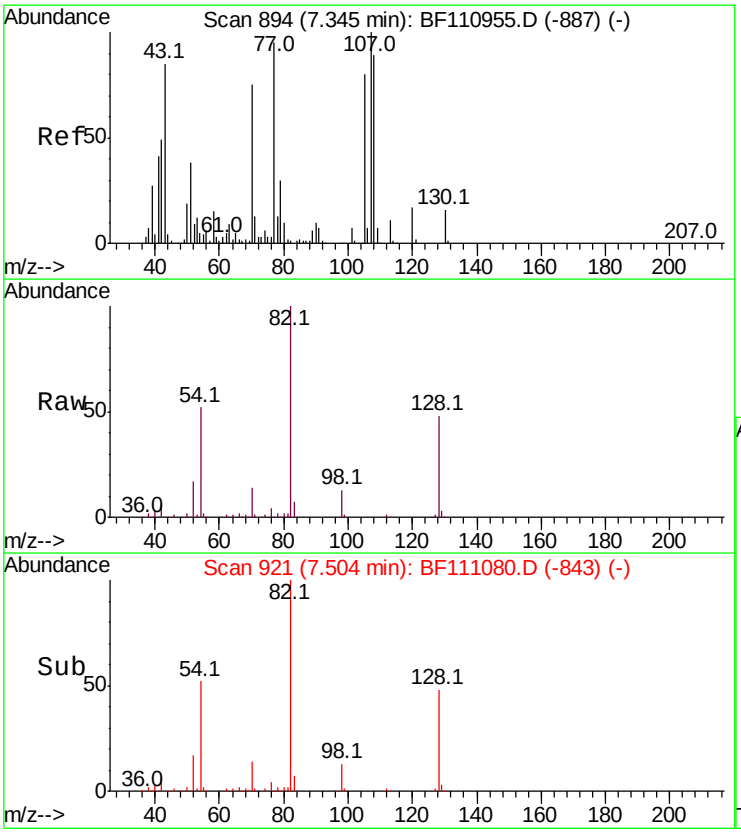
#7
Phenol-d6
Concen: 27.339 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 122034

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	34.0	28.0	42.0

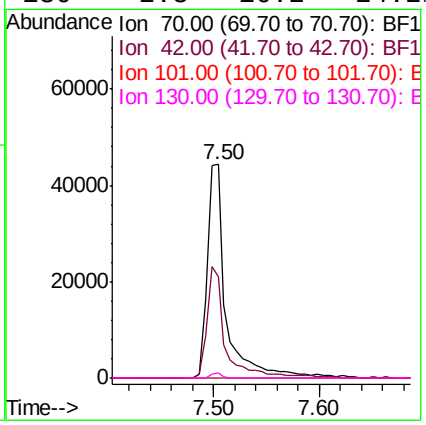


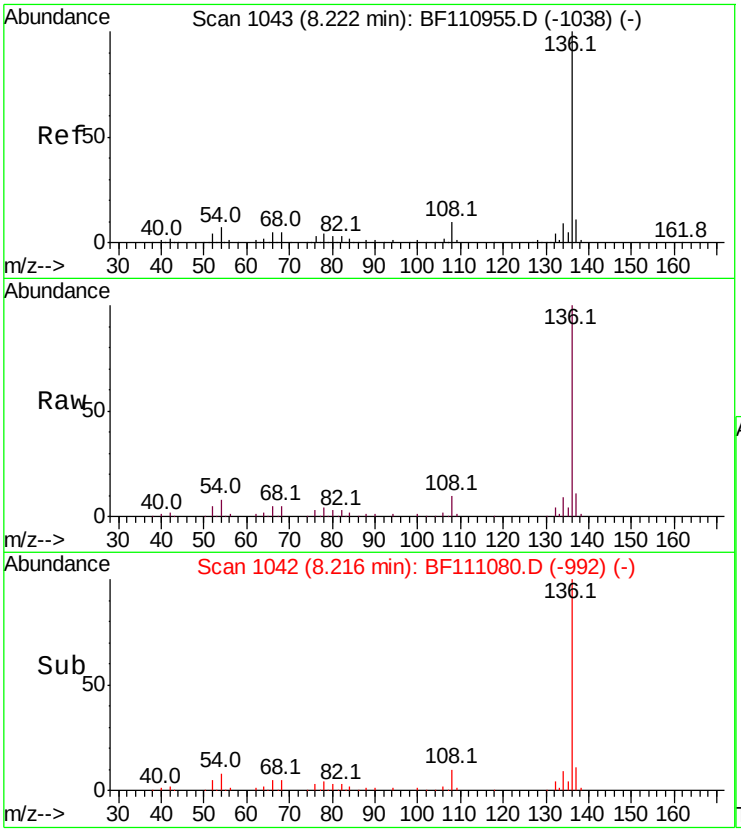


#19
n-Nitroso-di-n-propylamine
Concen: 19.089 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion: 70 Resp: 55504

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



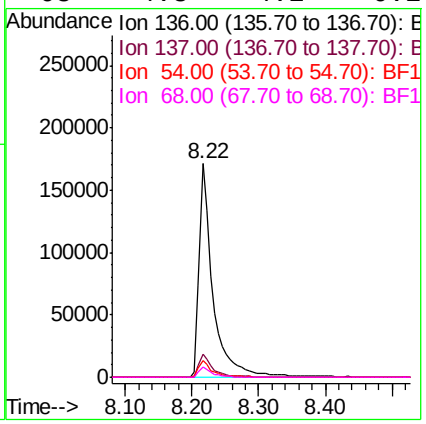


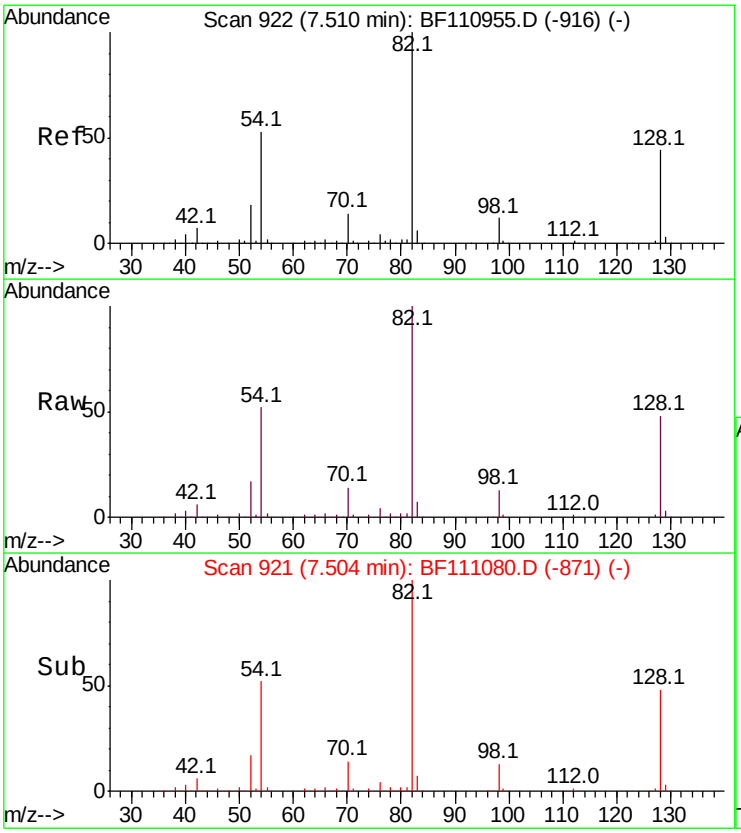
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 241382

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	5.4	8.2
68	4.8	4.2	6.2

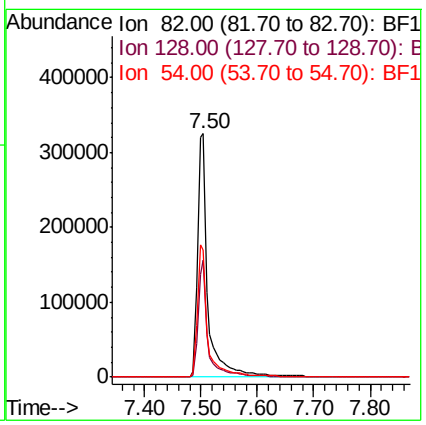


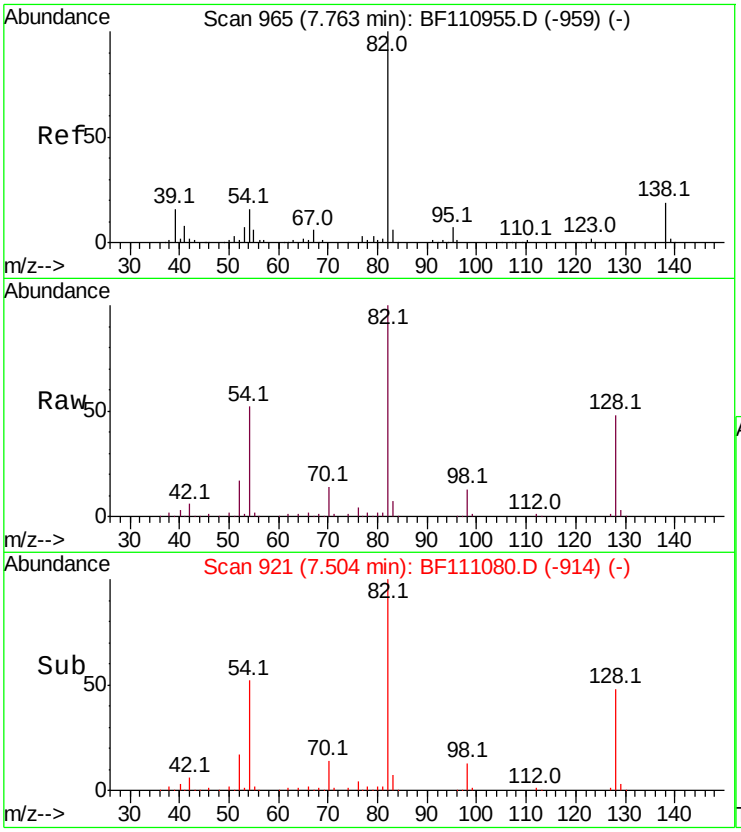


#23
Nitrobenzene-d5
Concen: 99.434 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion: 82 Resp: 419382

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.2	51.2
54	52.3	38.6	58.0



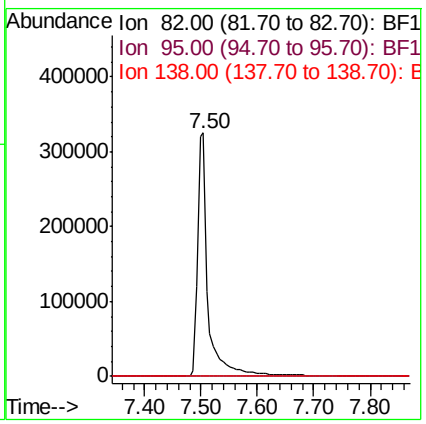


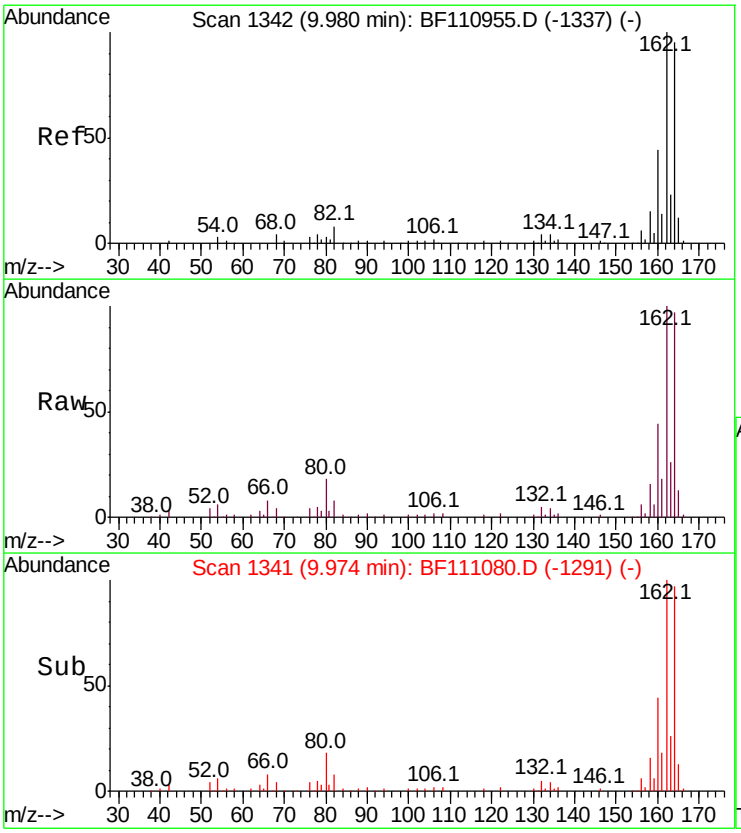
#25
Isophorone
Concen: 60.617 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 419382

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

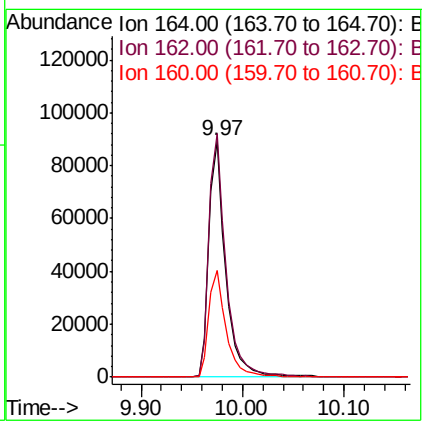


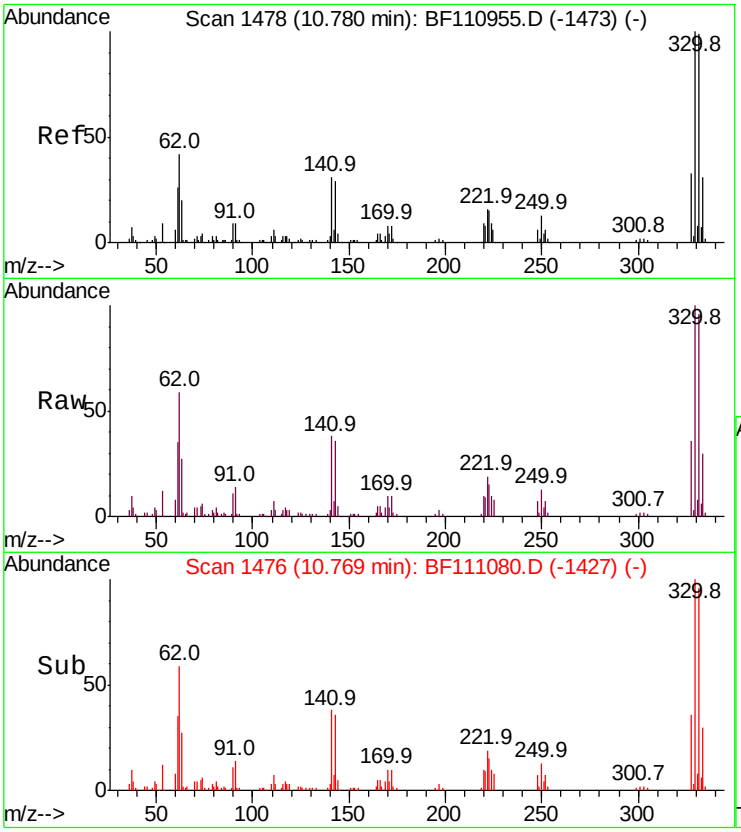


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion:164 Resp: 102951

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	45.3	37.0	55.6



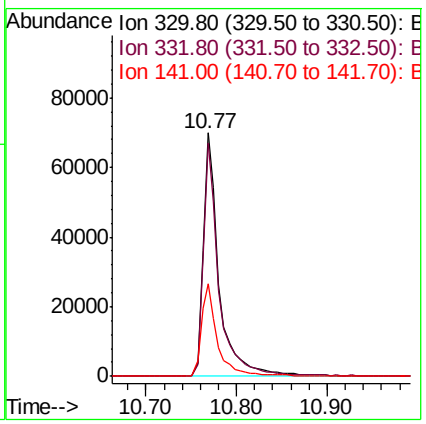


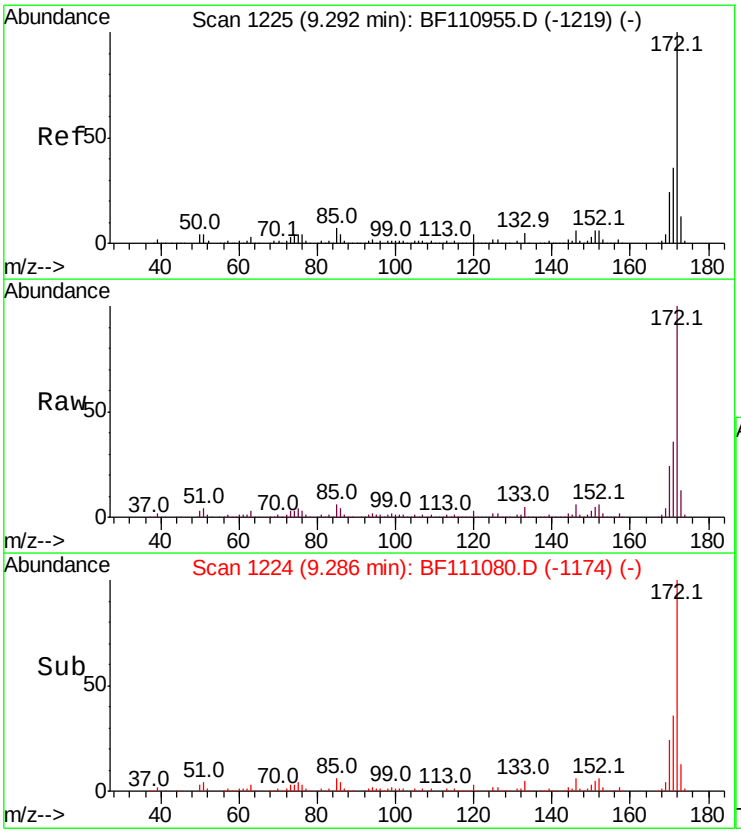
#42
2,4,6-Tribromophenol
Concen: 84.363 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 86256

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	38.2	27.0	40.4

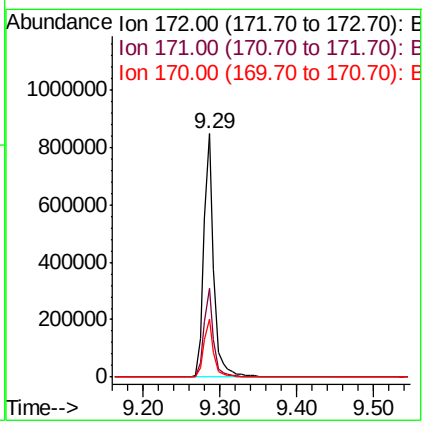


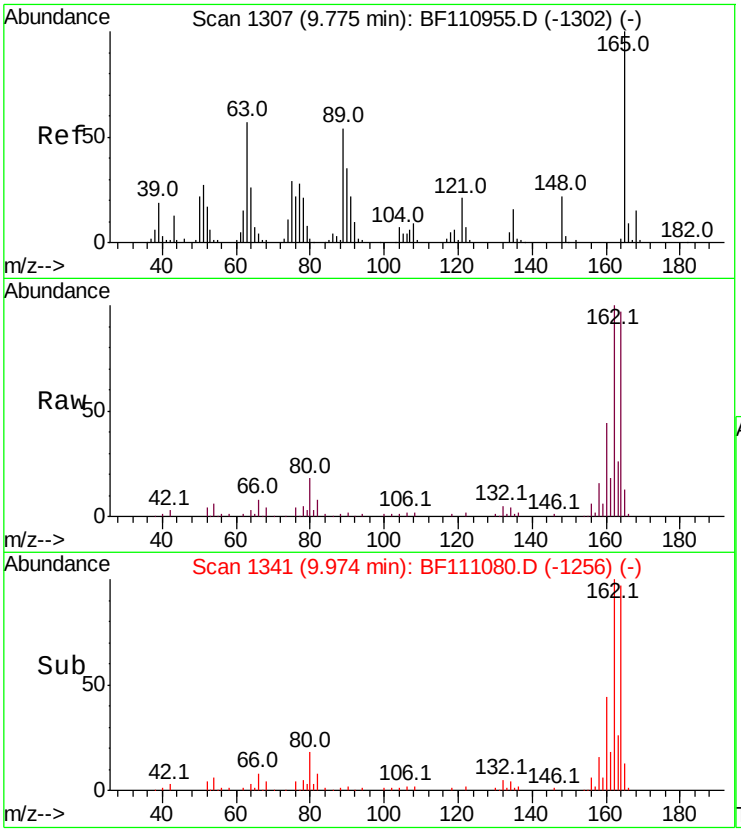


#45
2-Fluorobiphenyl
Concen: 107.442 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion:172 Resp: 763493

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.7	19.7	29.5



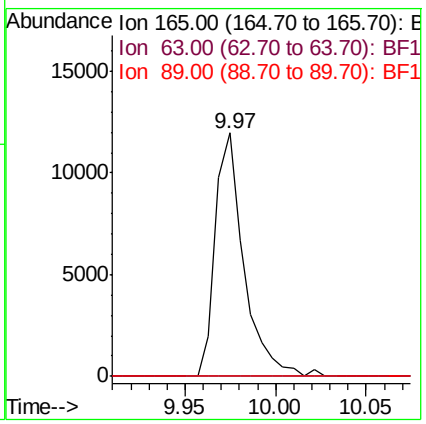


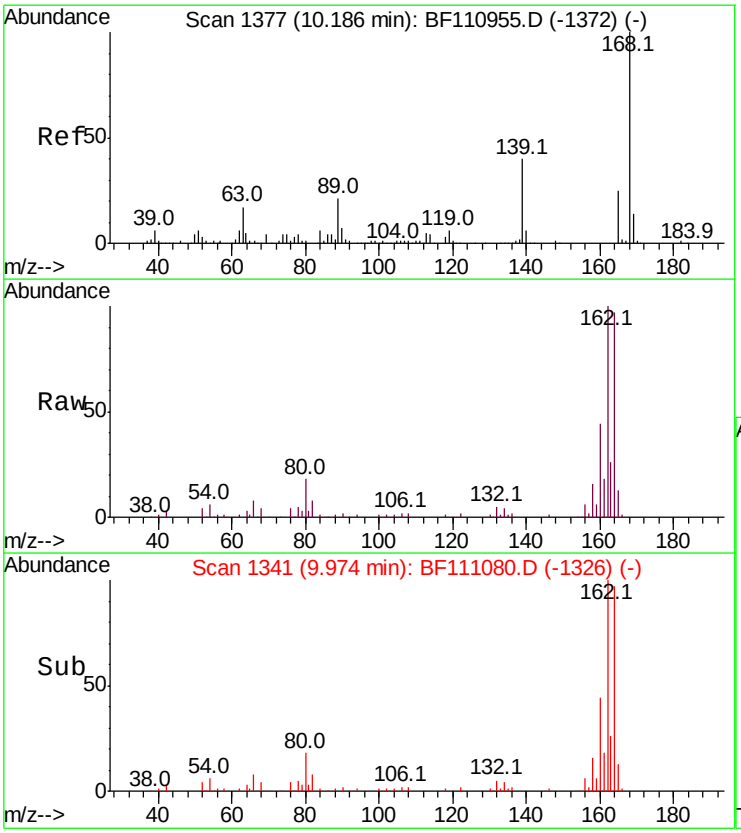
#51
2,6-Dinitrotoluene
Concen: 7.822 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.20 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13148

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

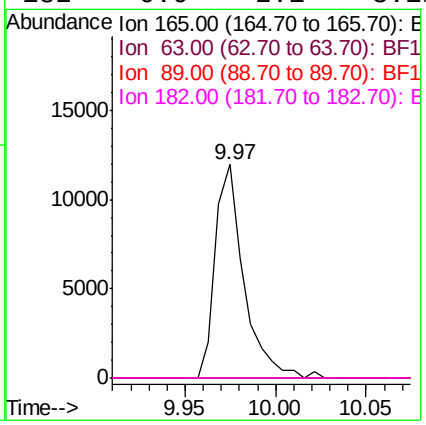


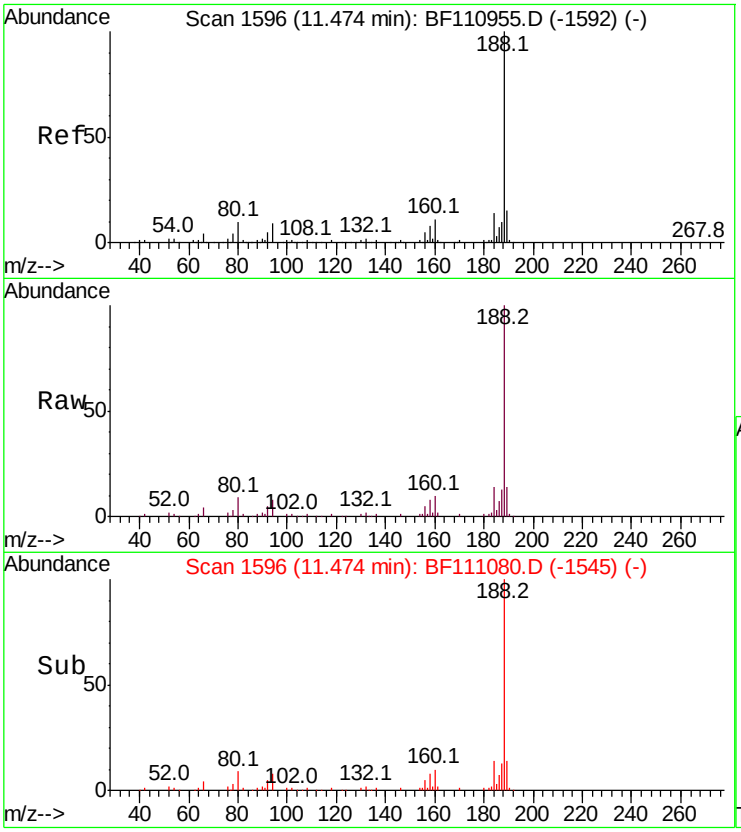


#57
2,4-Dinitrotoluene
Concen: 6.029 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion:165 Resp: 13148

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#



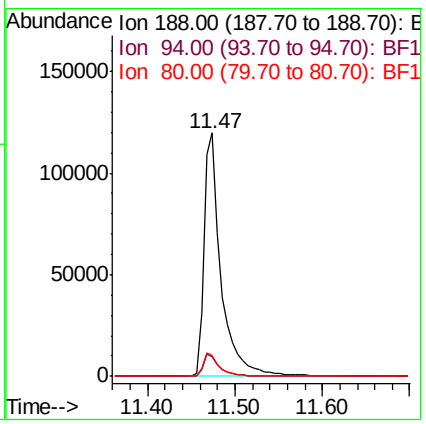


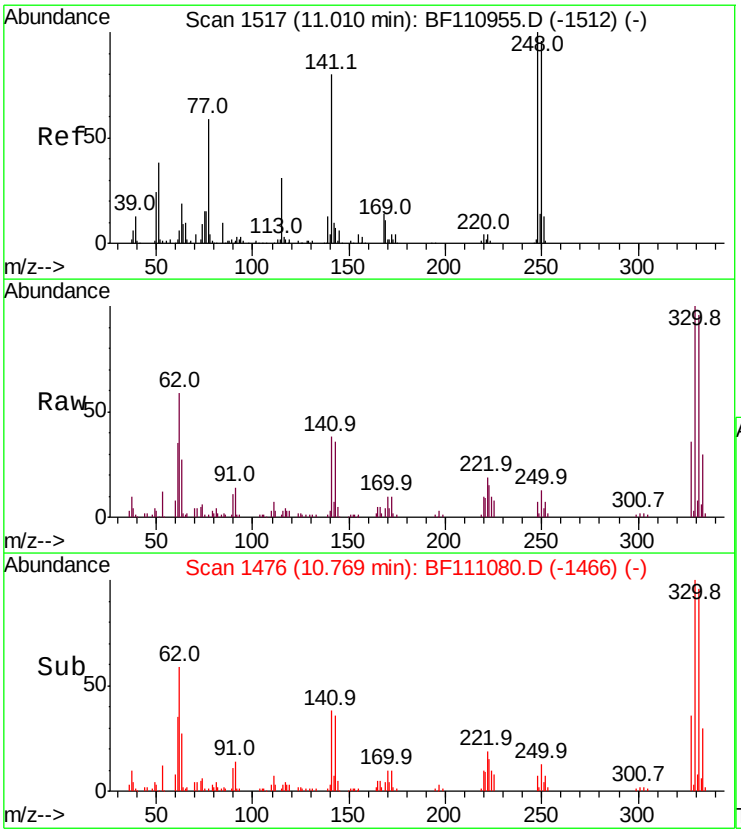
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 161419

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.6	7.9	11.9

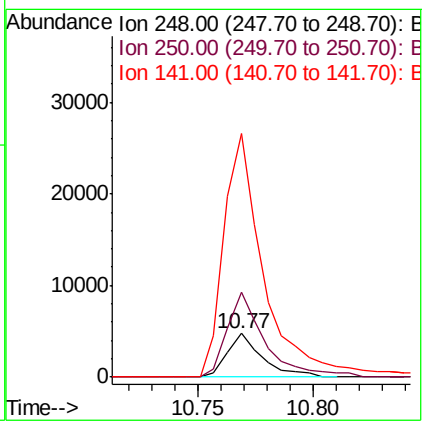


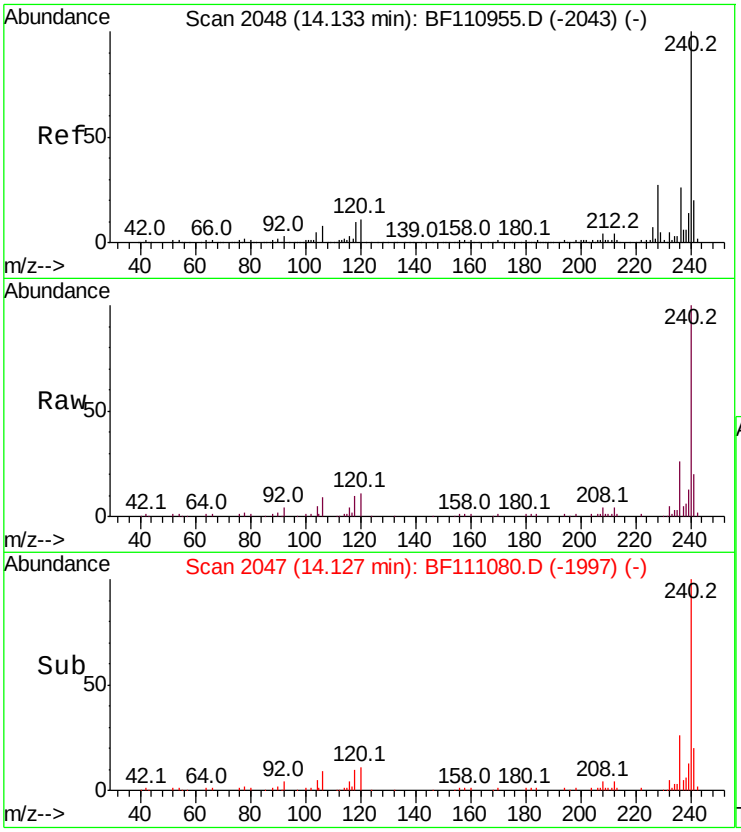


#67
4-Bromophenyl-phenylether
Concen: 2.867 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion:248 Resp: 5041

Ion	Ratio	Lower	Upper
248	100		
250	197.1	79.4	119.2#
141	561.6	55.9	83.9#



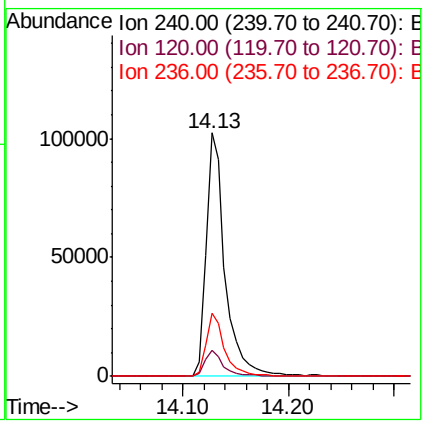


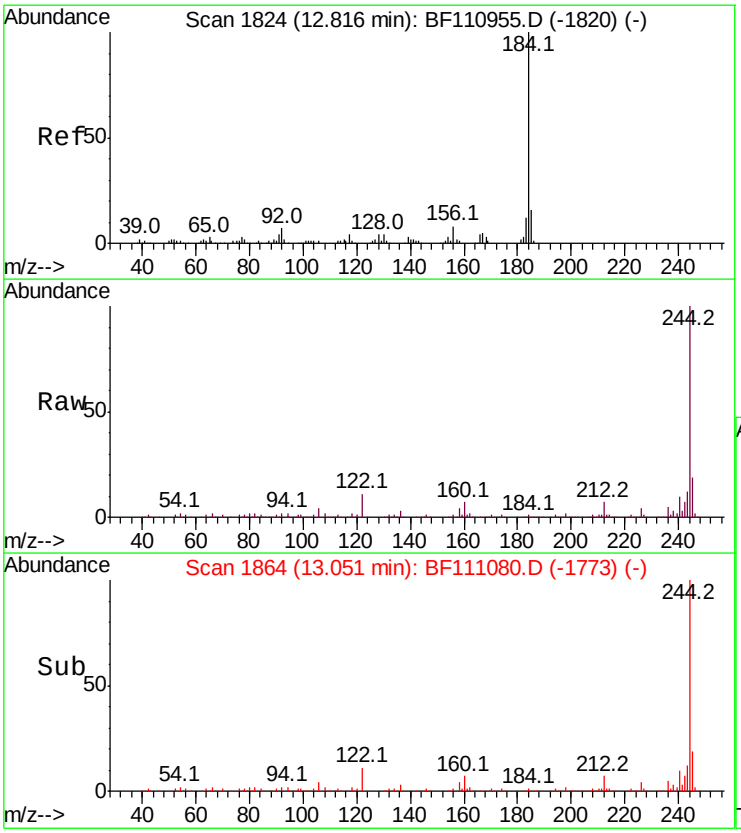
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 127658

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	26.0	21.2	31.8

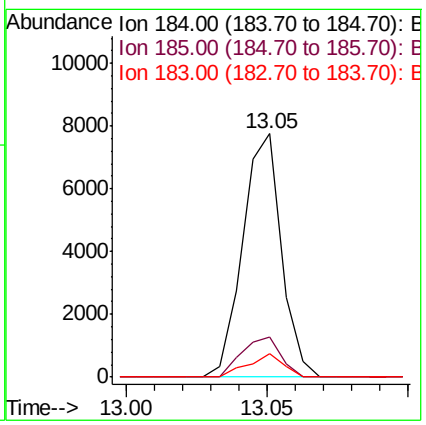


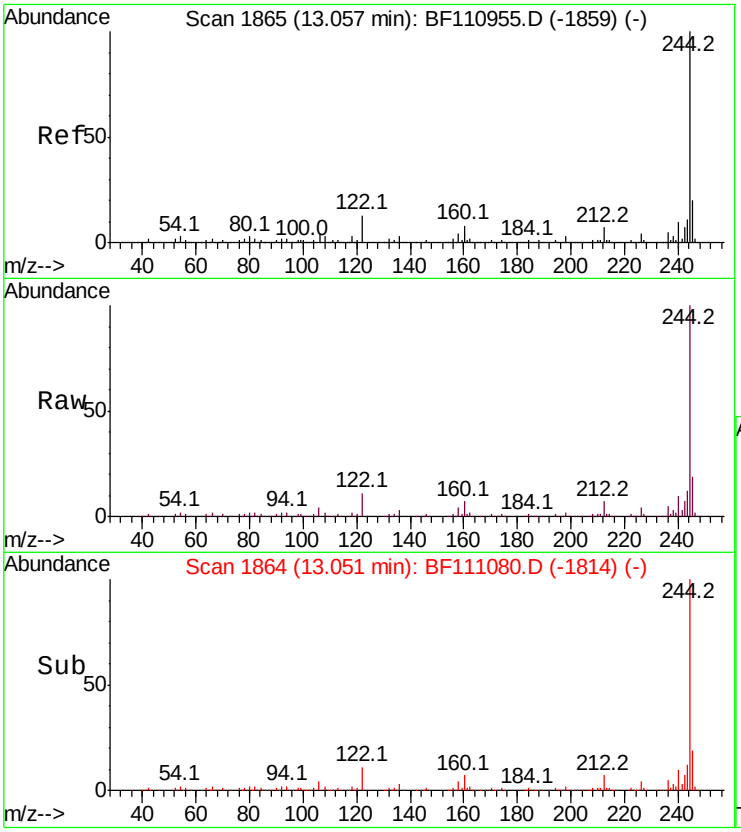


#77
Benzidine
Concen: 2.257 ng
RT: 13.05 min Scan# 1864
Delta R.T. 0.24 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion:184 Resp: 7370

Ion	Ratio	Lower	Upper
184	100		
185	16.3	13.4	20.2
183	9.7	9.4	14.2



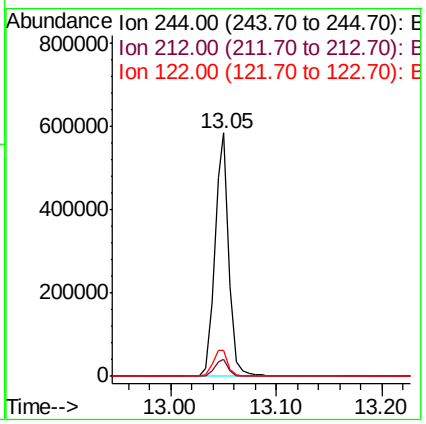


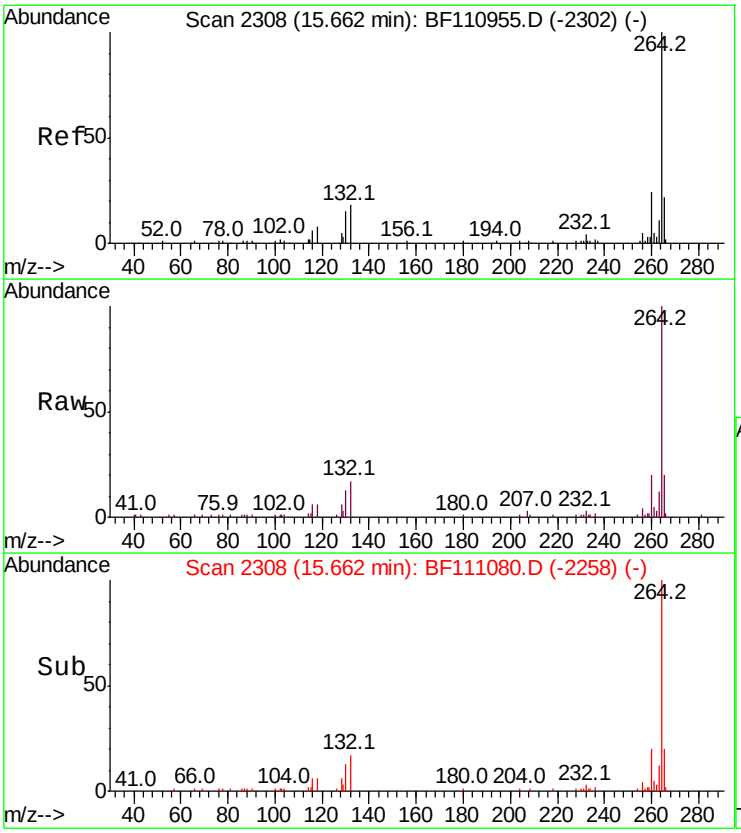
#79
Terphenyl-d14
Concen: 83.291 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111080.D
Acq: 29 Nov 2018 8:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 546213

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.9	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: BF111080.D
Acq: 29 Nov 2018 8:05

Tgt Ion:264 Resp: 103729

Ion	Ratio	Lower	Upper
264	100		
260	20.4	18.7	28.1
265	20.2	16.7	25.1