Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100478.D
Acq On : 12 Nov 2017 9:15
Operator : SJ/JU
Sample : I6402-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110717-SIDI-F-D-B

Quant Time: Nov 13 04:49:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	138227	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	501693	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	202929	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	308722	20.00	ng	0.00
75) Chrysene-d12	14.06	240	272054	20.00	ng	0.00
86) Perylene-d12	15.54	264	194263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	425177	49.31	ng	0.00
7) Phenol-d6	6.52	99	331802	31.20	ng	-0.01
23) Nitrobenzene-d5	7.47	82	885409	116.68	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	180471	87.27	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1463942	109.85	ng	0.00
78) Terphenyl-d14	13.01	244	1033563	87.29	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	119017	16.14	ng	# 82
25) Isophorone	7.47	82	885391	55.52	ng	# 64
47) 2-Nitroaniline	9.65	65	121	2.81	ng	# 1
49) Dimethylphthalate	9.65	163	34286	2.21	ng	97
50) 2,6-Dinitrotoluene	9.94	165	26112	8.51	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	26112	6.75	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	276	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11268	3.40	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100478.D
Acq On : 12 Nov 2017 9:15
Operator : SJ/JU
Sample : I6402-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Quant Time: Nov 13 04:49:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
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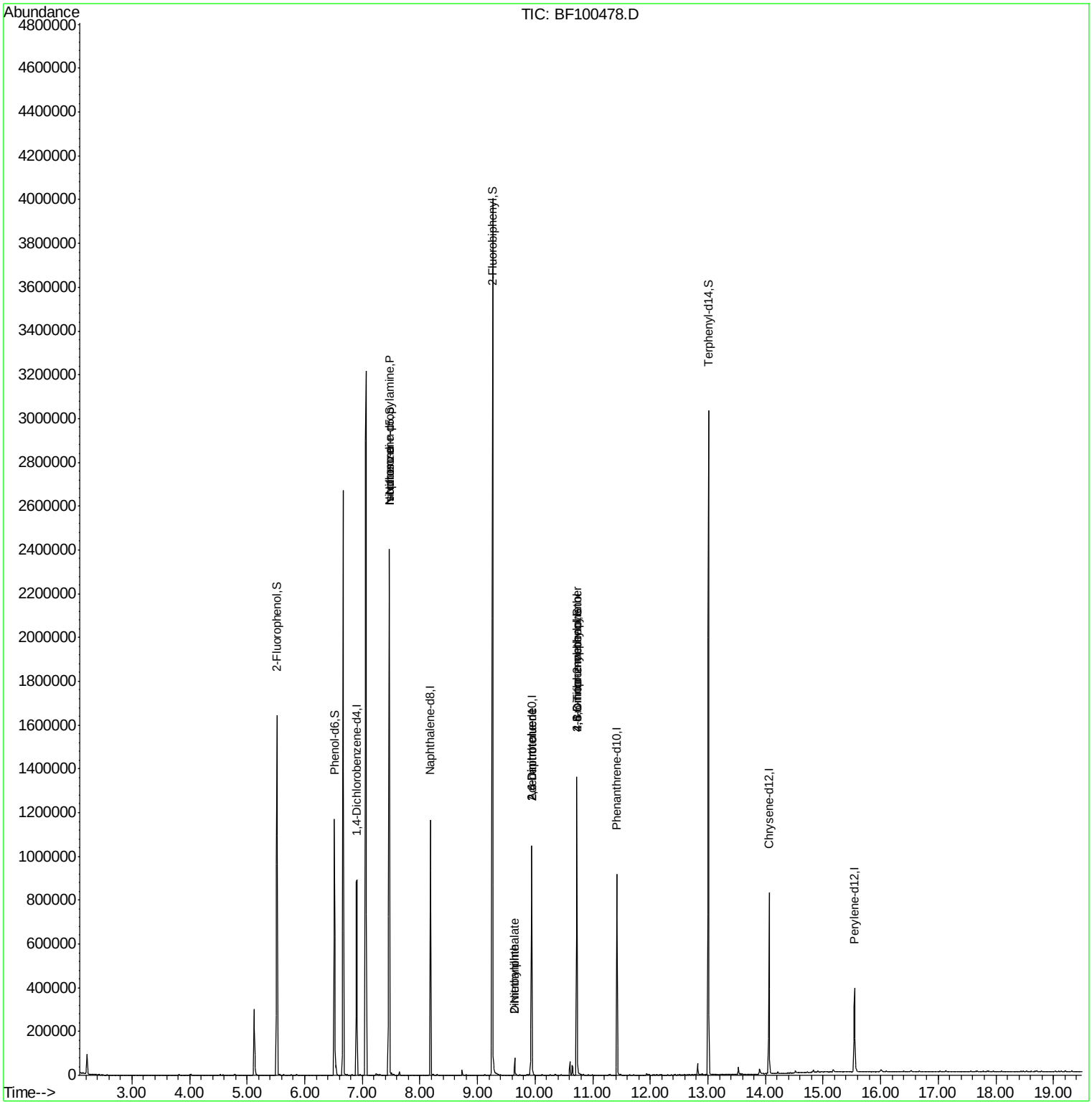
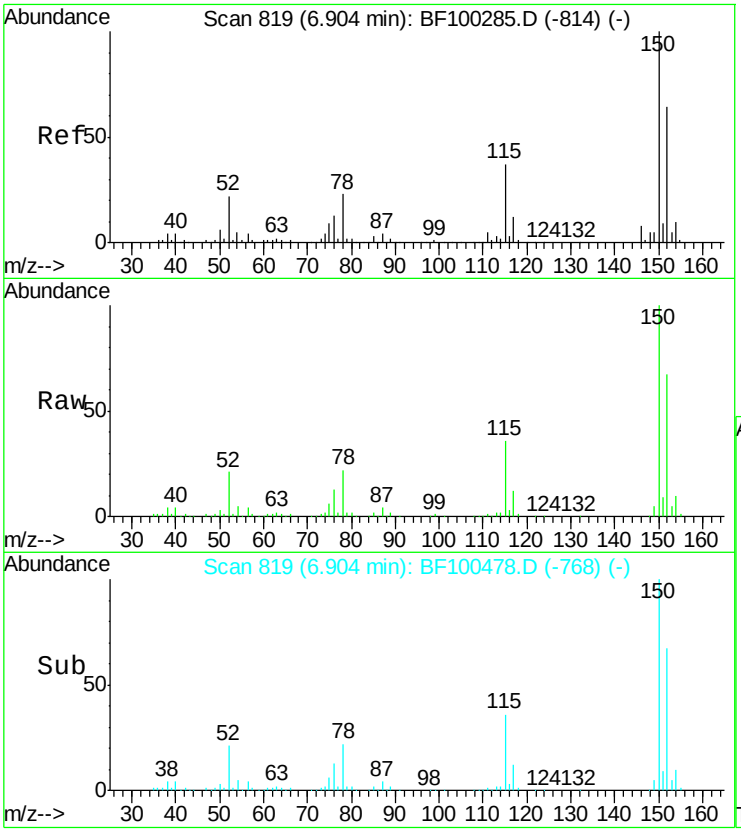


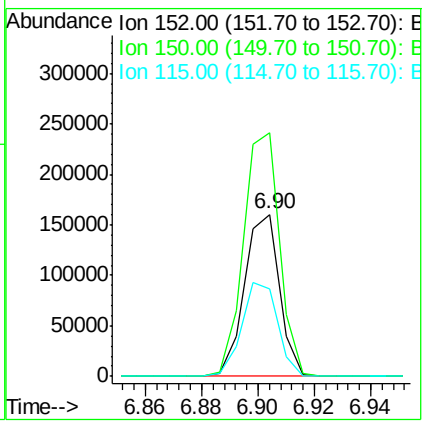


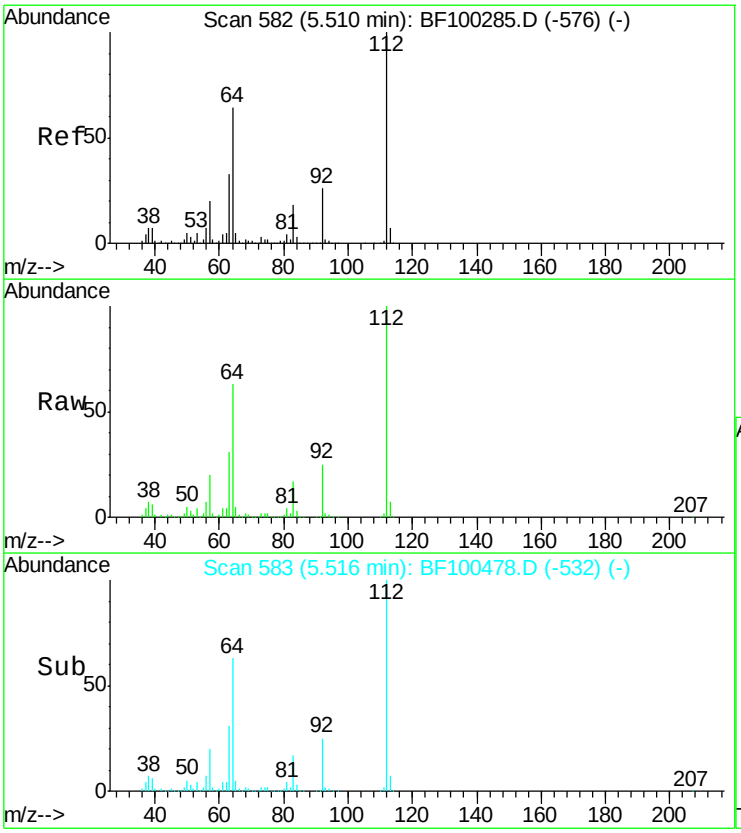
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion:152 Resp: 138227

Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.6	186.8
115	53.9	50.1	75.1

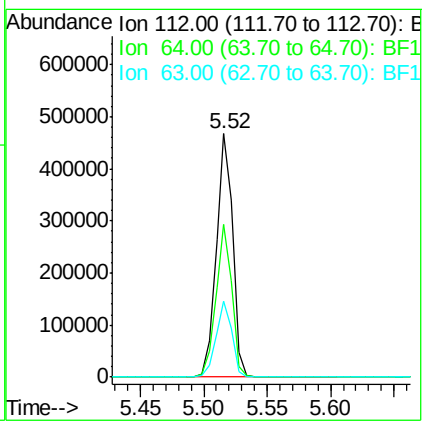


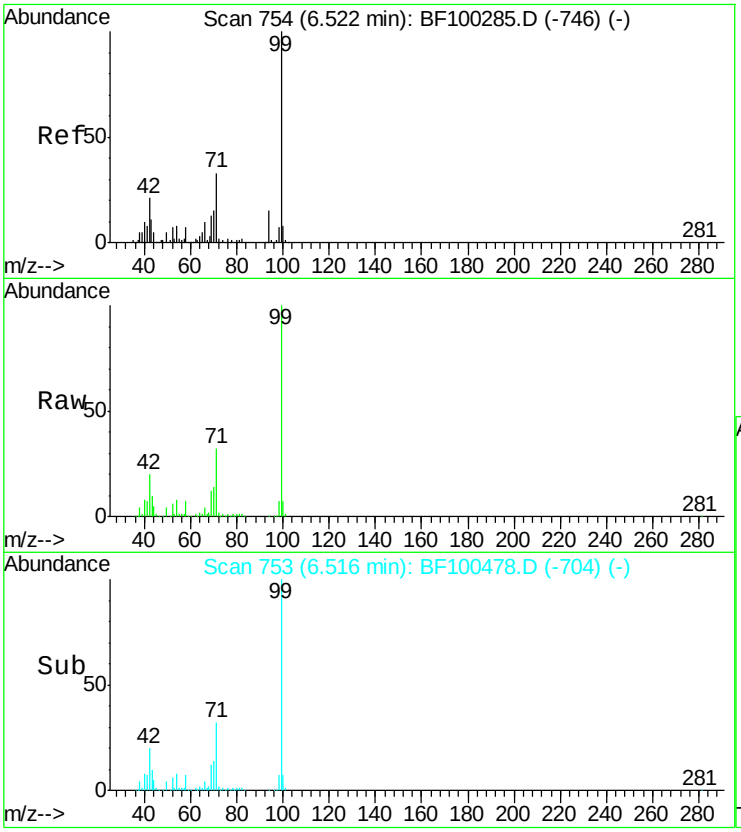


#5
2-Fluorophenol
Concen: 49.31 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:112 Resp: 425177

Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.9	71.9
63	31.1	23.7	35.5



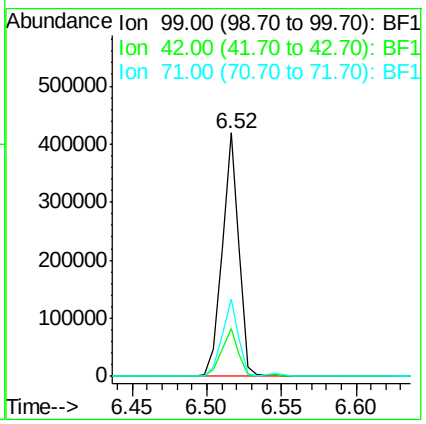


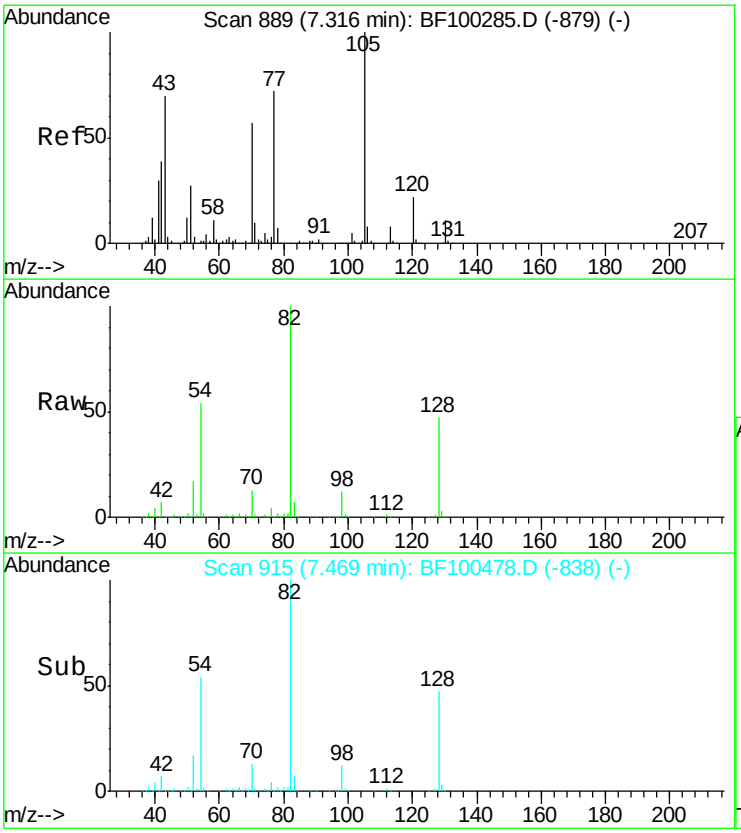
#7
Phenol-d6
Concen: 31.20 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion: 99 Resp: 331802

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	31.8	25.4	38.0

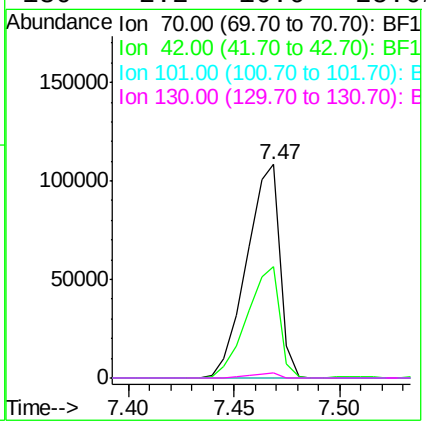


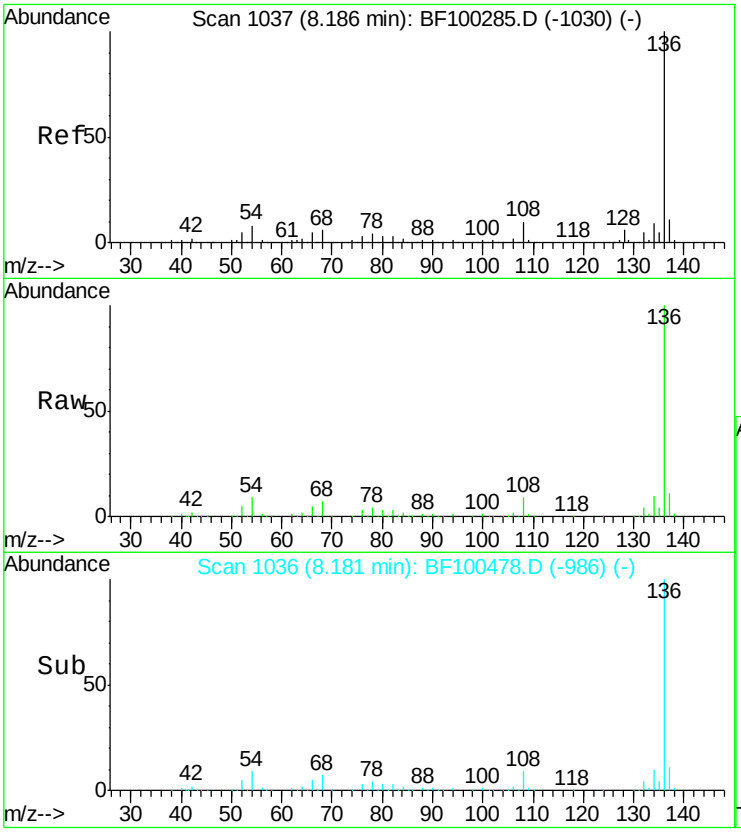


#19
n-Nitroso-di-n-propylamine
Concen: 16.14 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.15 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion: 70 Resp: 119017

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



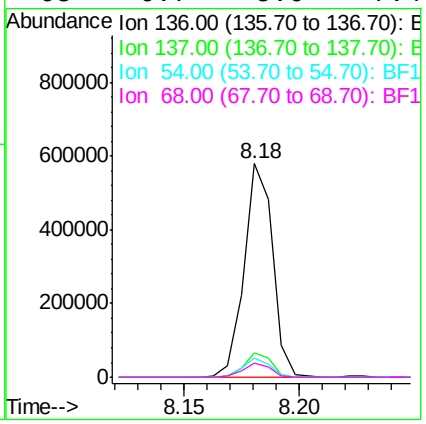


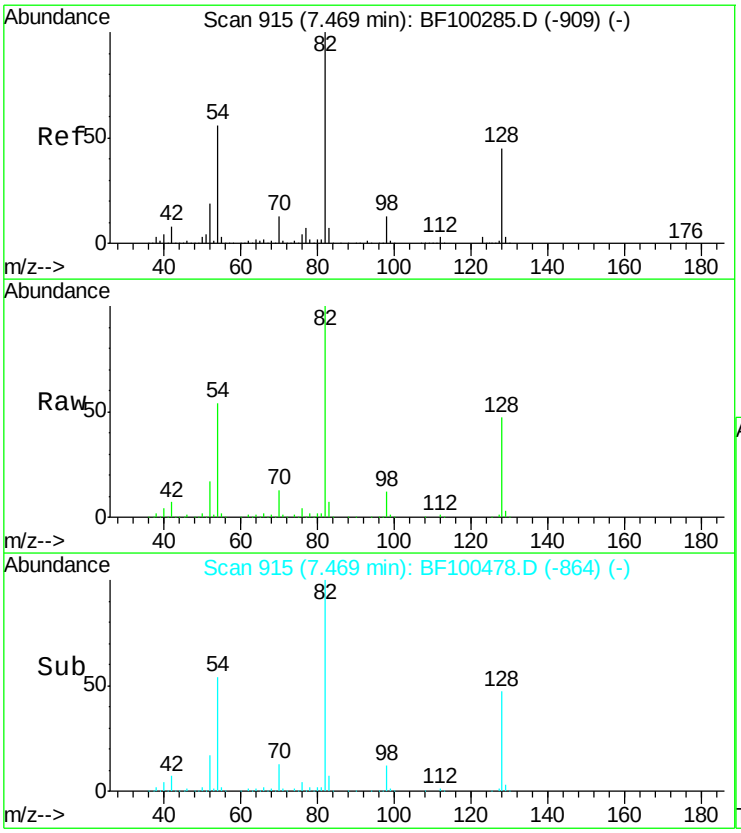
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion:136 Resp: 501693

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.8	6.6	9.8
68	6.7	5.0	7.4

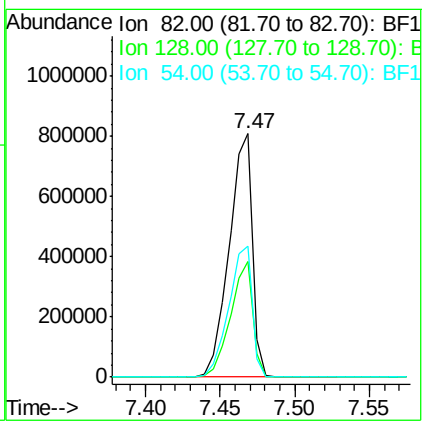


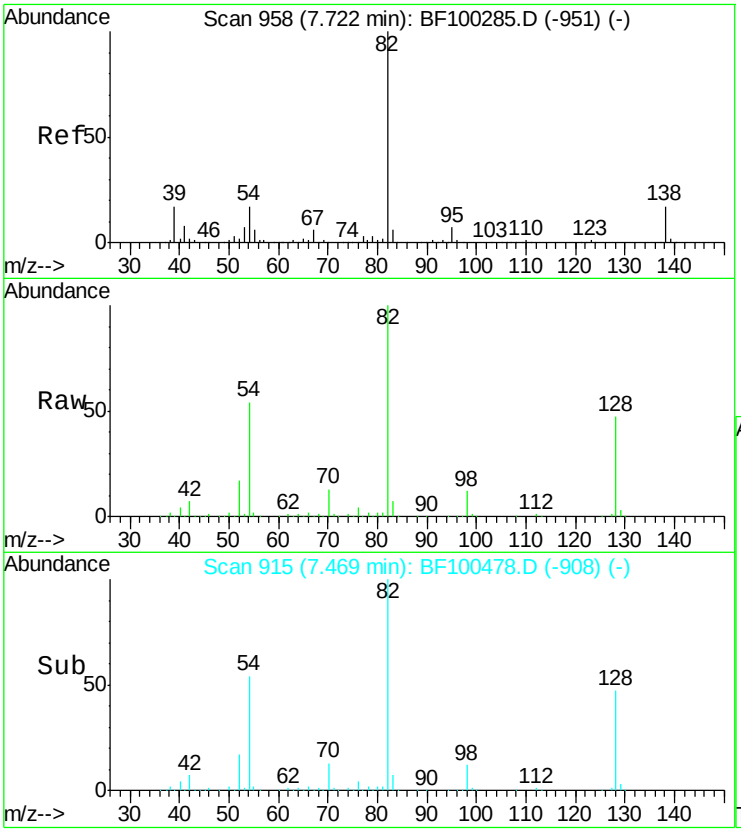


#23
Nitrobenzene-d5
Concen: 116.68 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion: 82 Resp: 885409

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	53.6	41.4	62.2



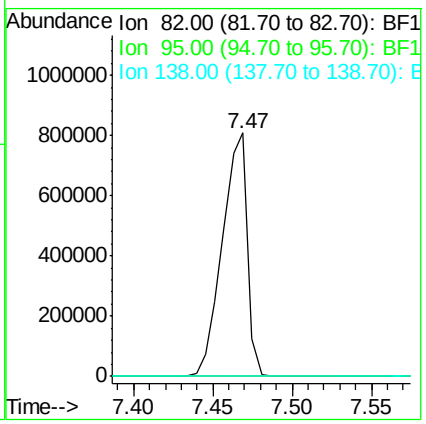


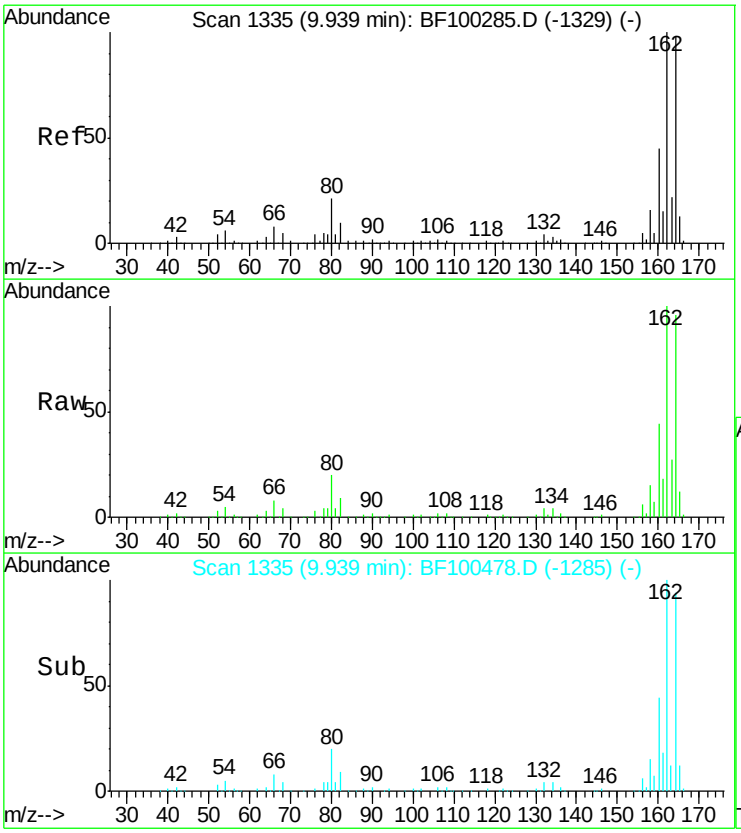
#25
Isophorone
Concen: 55.52 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.26 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion: 82 Resp: 885391

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

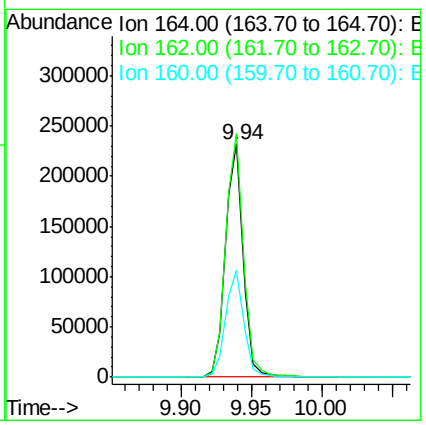


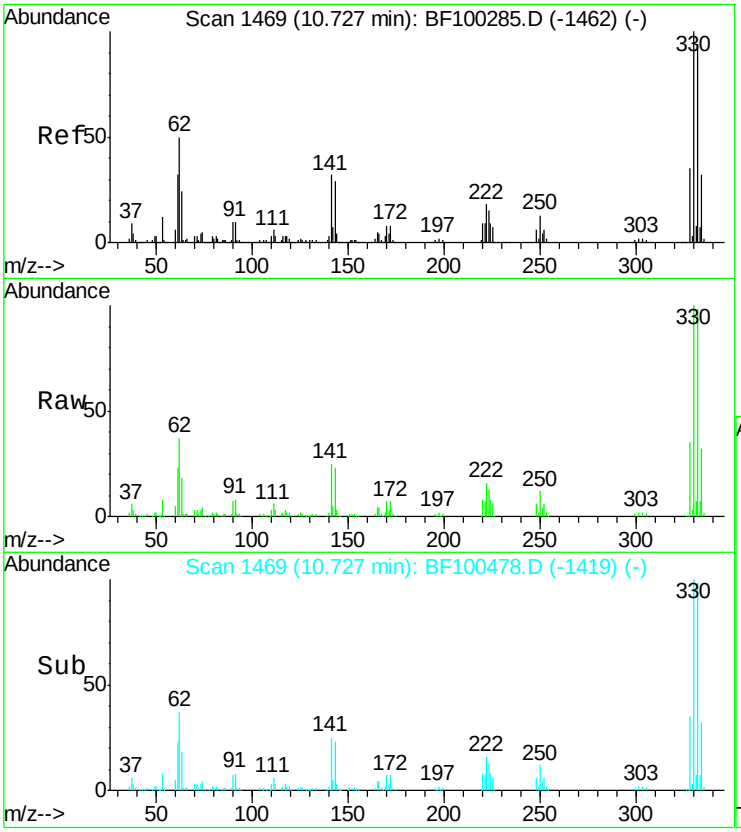


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:164 Resp: 202929

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.9	38.3	57.5



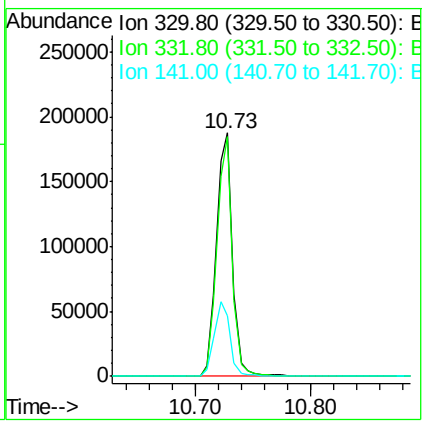


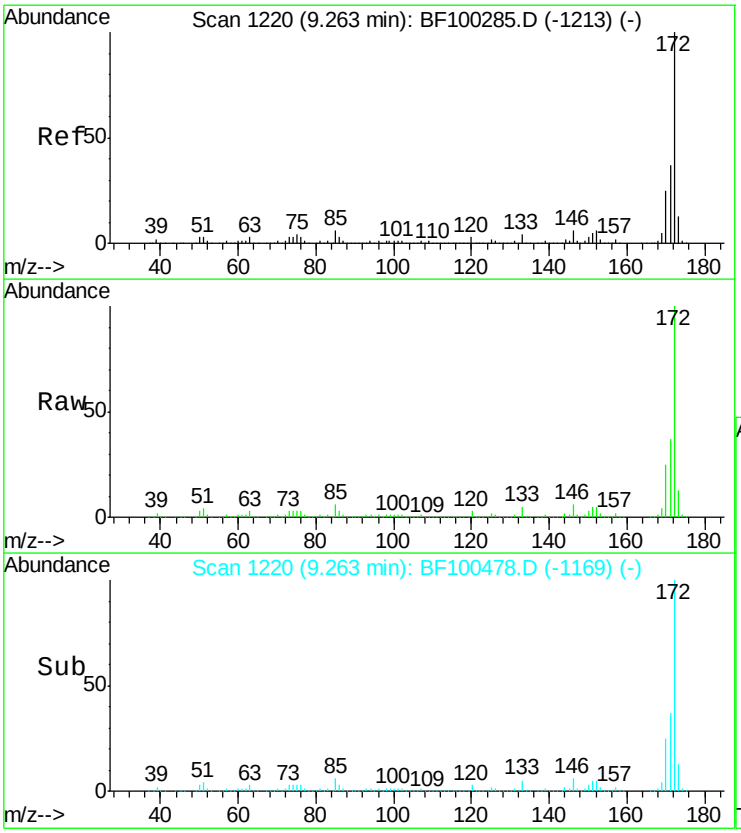
#41
2,4,6-Tribromophenol
Concen: 87.27 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion:330 Resp: 180471

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	30.2	29.9	44.9

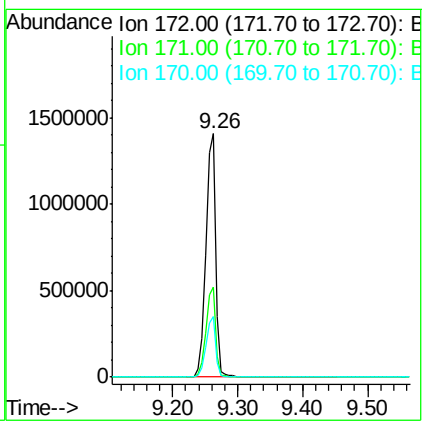


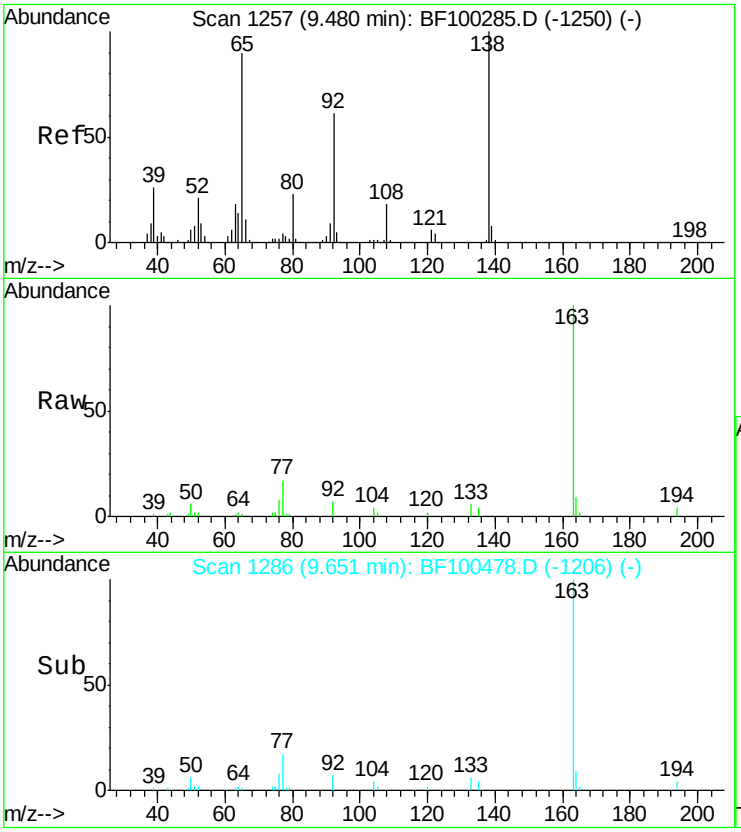


#44
2-Fluorobiphenyl
Concen: 109.85 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:172 Resp: 1463942

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4



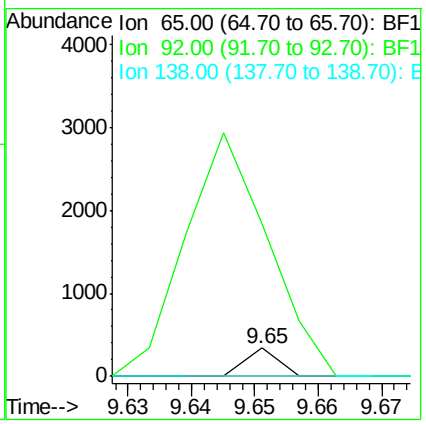


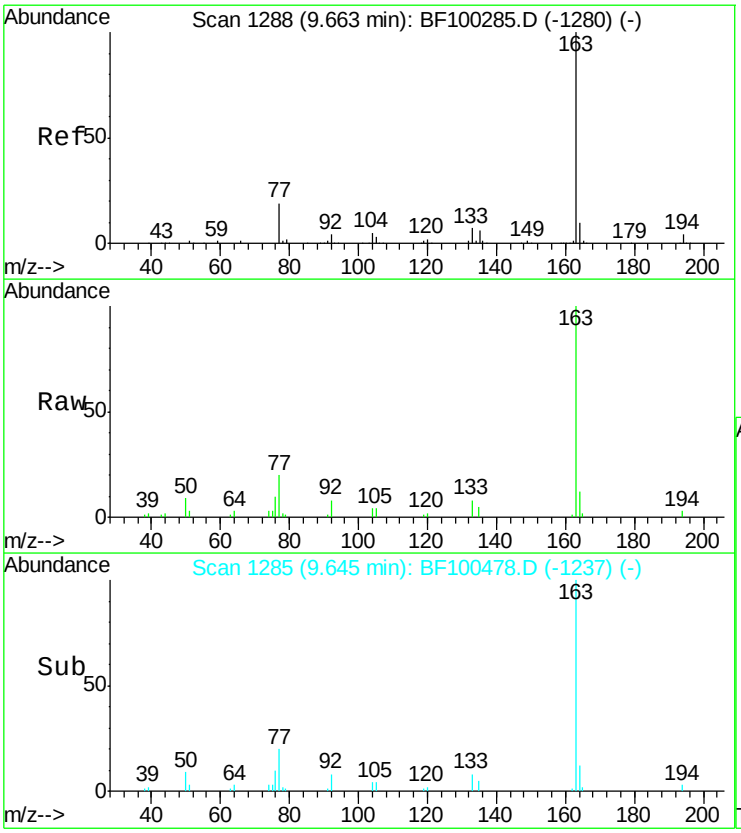
#47
2-Nitroaniline
Concen: 2.81 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.17 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion: 65 Resp: 121

Ion	Ratio	Lower	Upper
65	100		
92	538.9	55.8	83.6#
138	0.0	91.2	136.8#

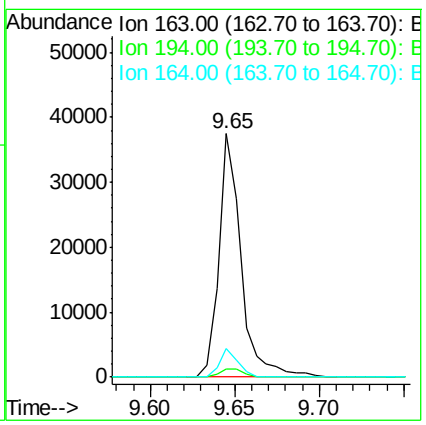


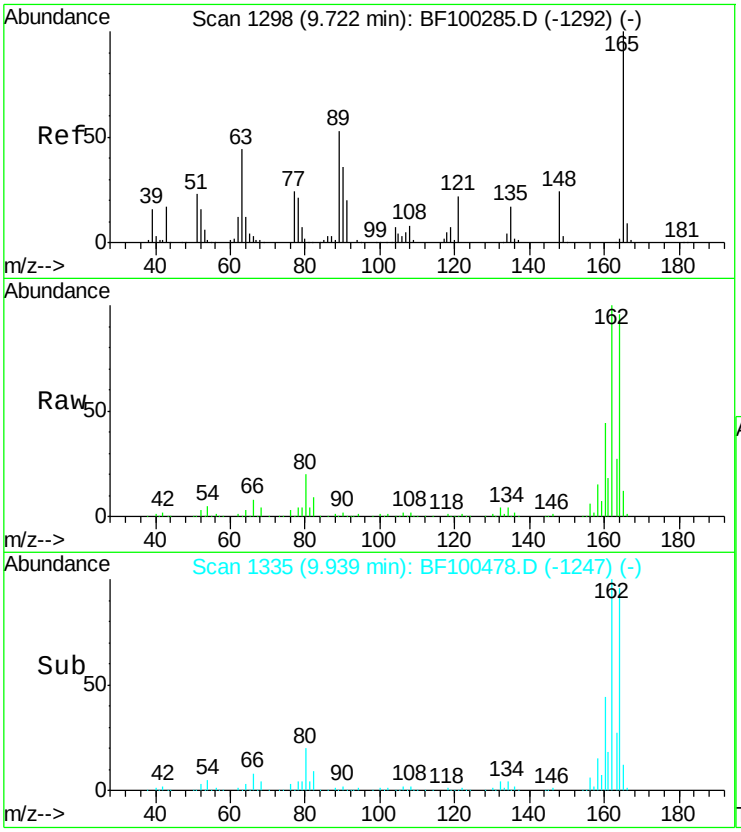


#49
Dimethylphthalate
Concen: 2.21 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:163 Resp: 34286

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	11.6	8.2	12.2



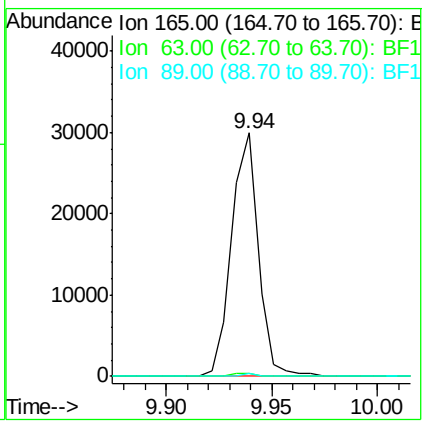


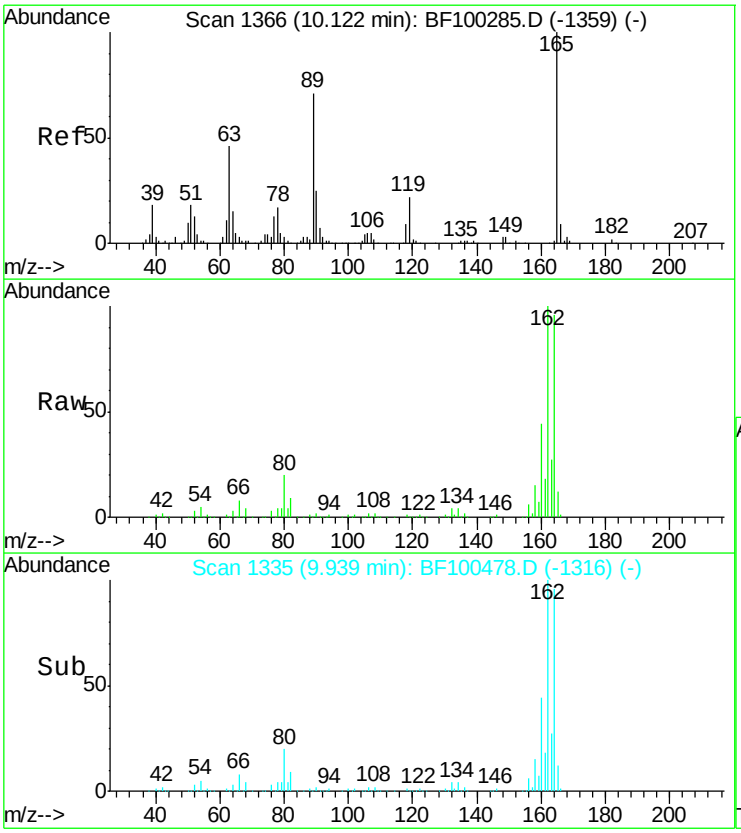
#50
2,6-Dinitrotoluene
Concen: 8.51 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion:165 Resp: 26112

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#

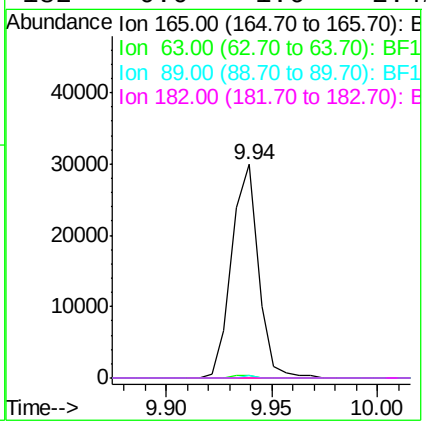


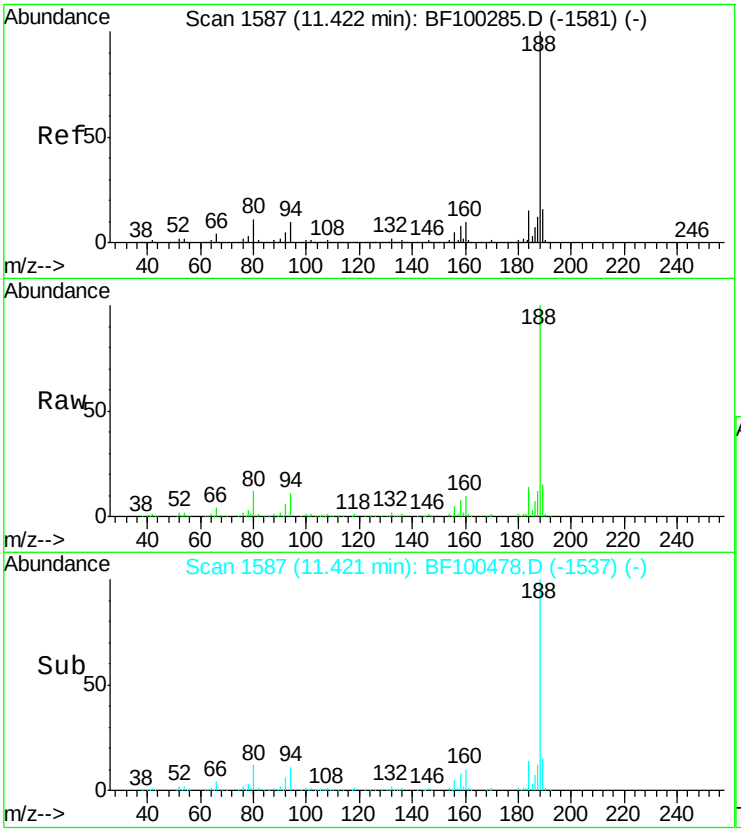


#56
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:165 Resp: 26112

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



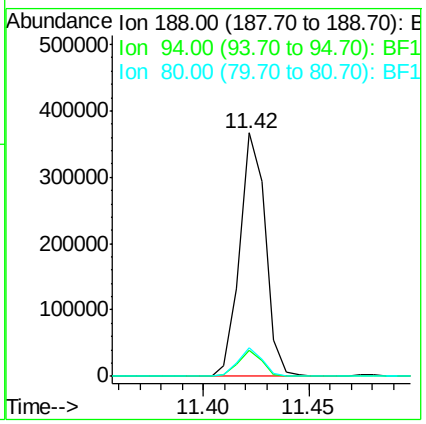


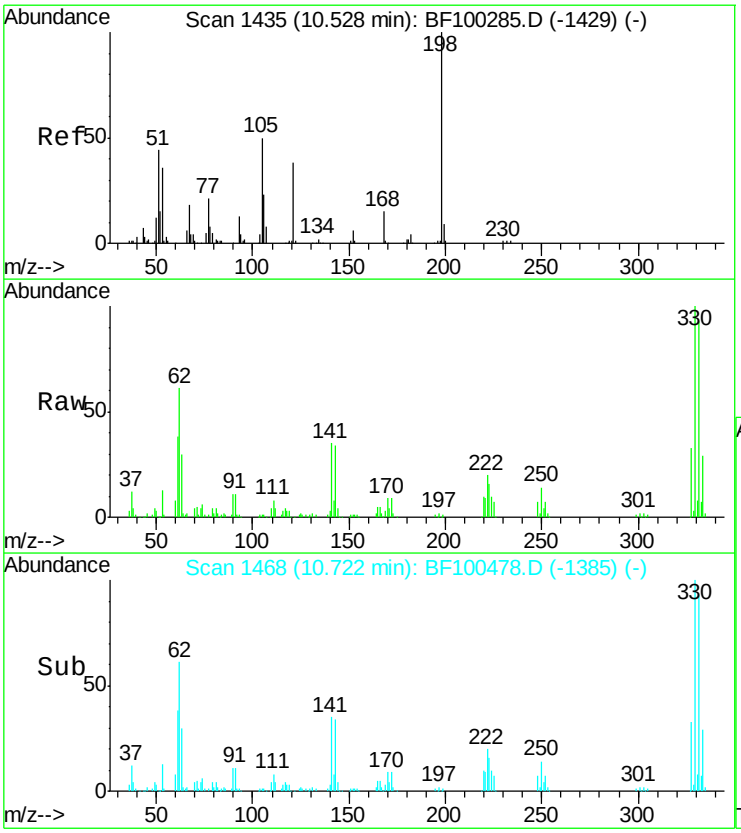
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion:188 Resp: 308722

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.8	9.2	13.8

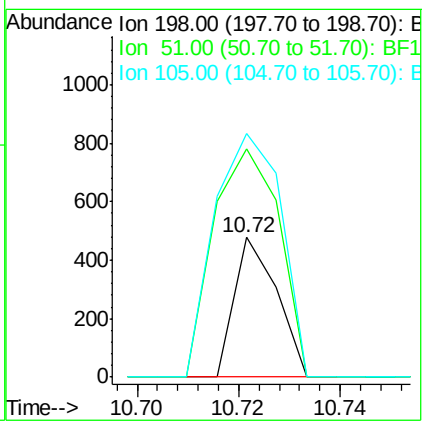


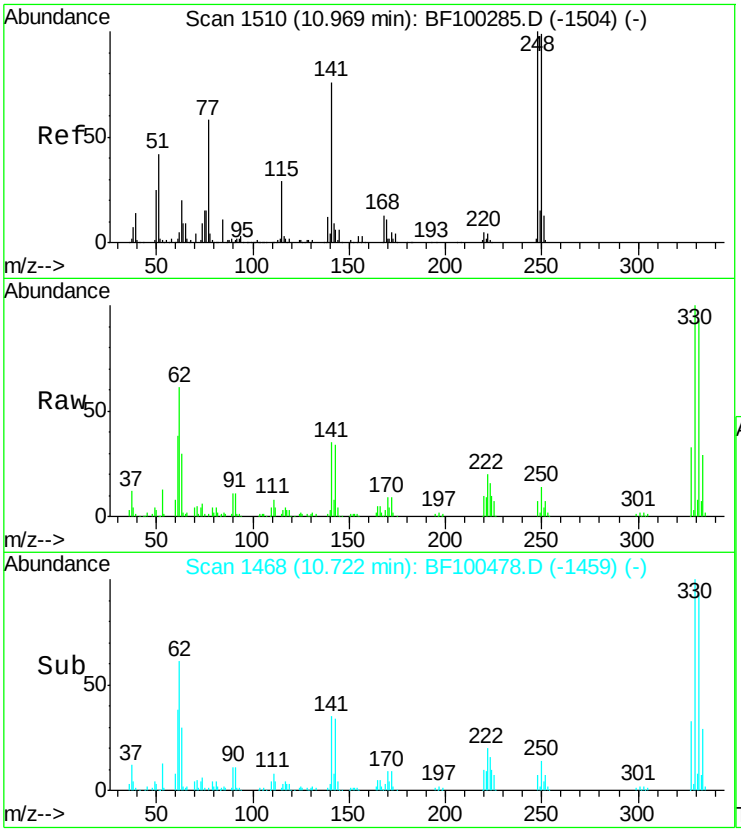


#64
4,6-Dinitro-2-methylphenol
Concen: 8.72 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:198 Resp: 276

Ion	Ratio	Lower	Upper
198	100		
51	163.5	37.7	77.7#
105	174.6	36.3	76.3#



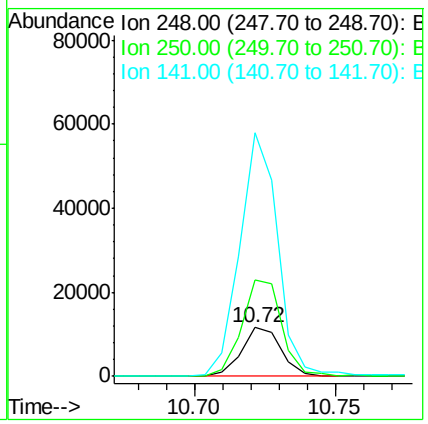


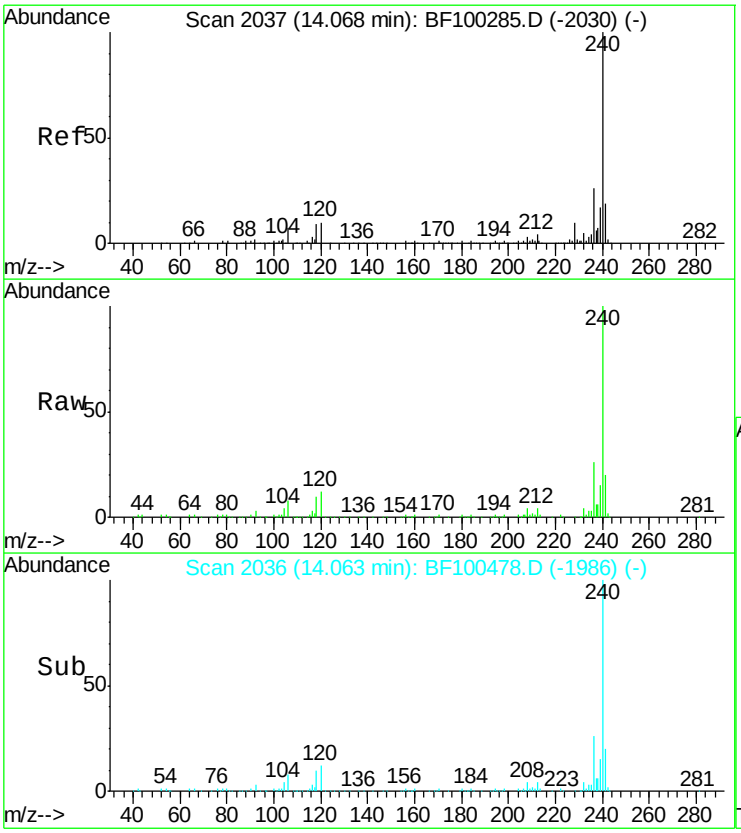
#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion:248 Resp: 11268

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.9	115.3#
141	499.2	74.4	111.6#

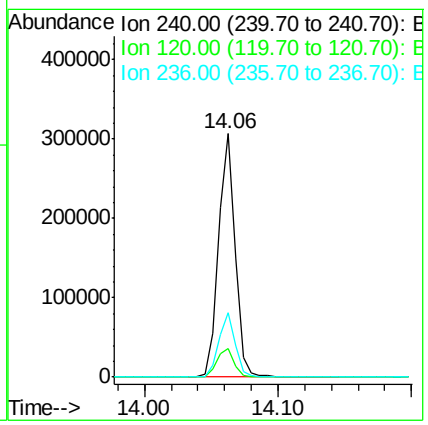


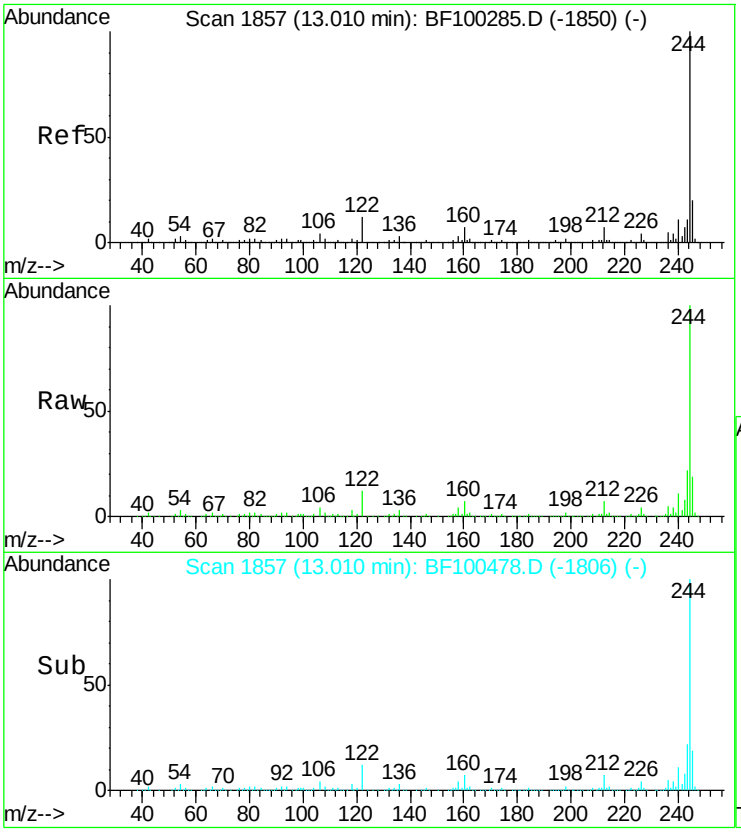


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:240 Resp: 272054

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.5	20.7	31.1



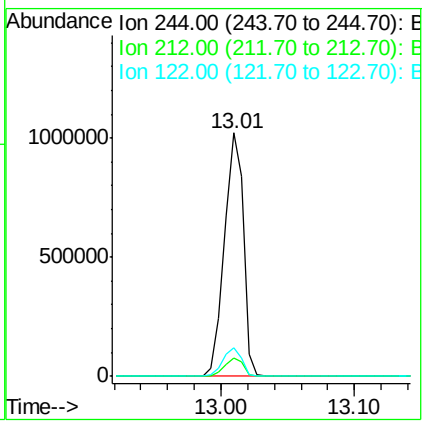


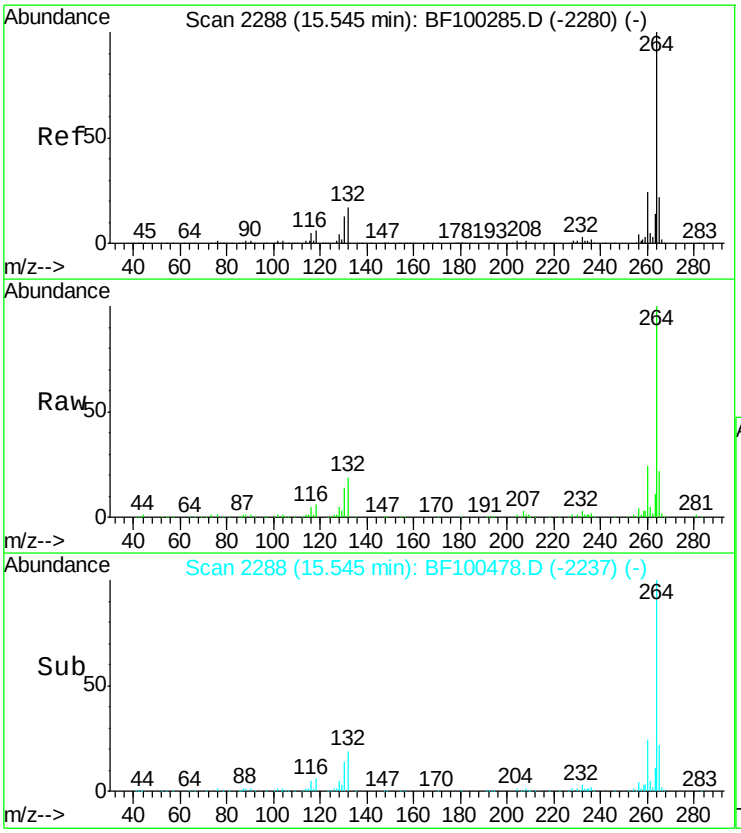
#78
Terphenyl-d14
Concen: 87.29 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-B

Tgt Ion:244 Resp: 1033563

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:264 Resp: 194263

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3