Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111217\

Quantitation Report (Not Reviewed)

Data File : BF100485.D
Acq On : 12 Nov 2017 13:14
Operator : SJ/JU
Sample : I6402-10
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110717-JETT-E-D-S

Quant Time: Nov 13 06:18:42 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	128967	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	471896	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	191676	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	289382	20.00	ng	0.00
75) Chrysene-d12	14.06	240	266316	20.00	ng	0.00
86) Perylene-d12	15.54	264	180376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	393907	48.96	ng	0.00
7) Phenol-d6	6.52	99	305205	30.76	ng	-0.01
23) Nitrobenzene-d5	7.46	82	842232	118.00	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	168482	86.26	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1416759	112.55	ng	0.00
78) Terphenyl-d14	13.01	244	981028	84.64	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	14626	2.06	ng	# 78
19) n-Nitroso-di-n-propylamine	7.46	70	112608	16.37	ng	# 83
25) Isophorone	7.46	82	840180	56.01	ng	# 64
47) 2-Nitroaniline	9.26	65	2148	3.35	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	23780	8.21	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	23780	6.51	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.72	198	305	8.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	10659	3.44	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111217\

Quantitation Report (Not Reviewed)

Data File : BF100485.D
Acq On : 12 Nov 2017 13:14
Operator : SJ/JU
Sample : I6402-10
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
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Quant Time: Nov 13 06:18:42 2017
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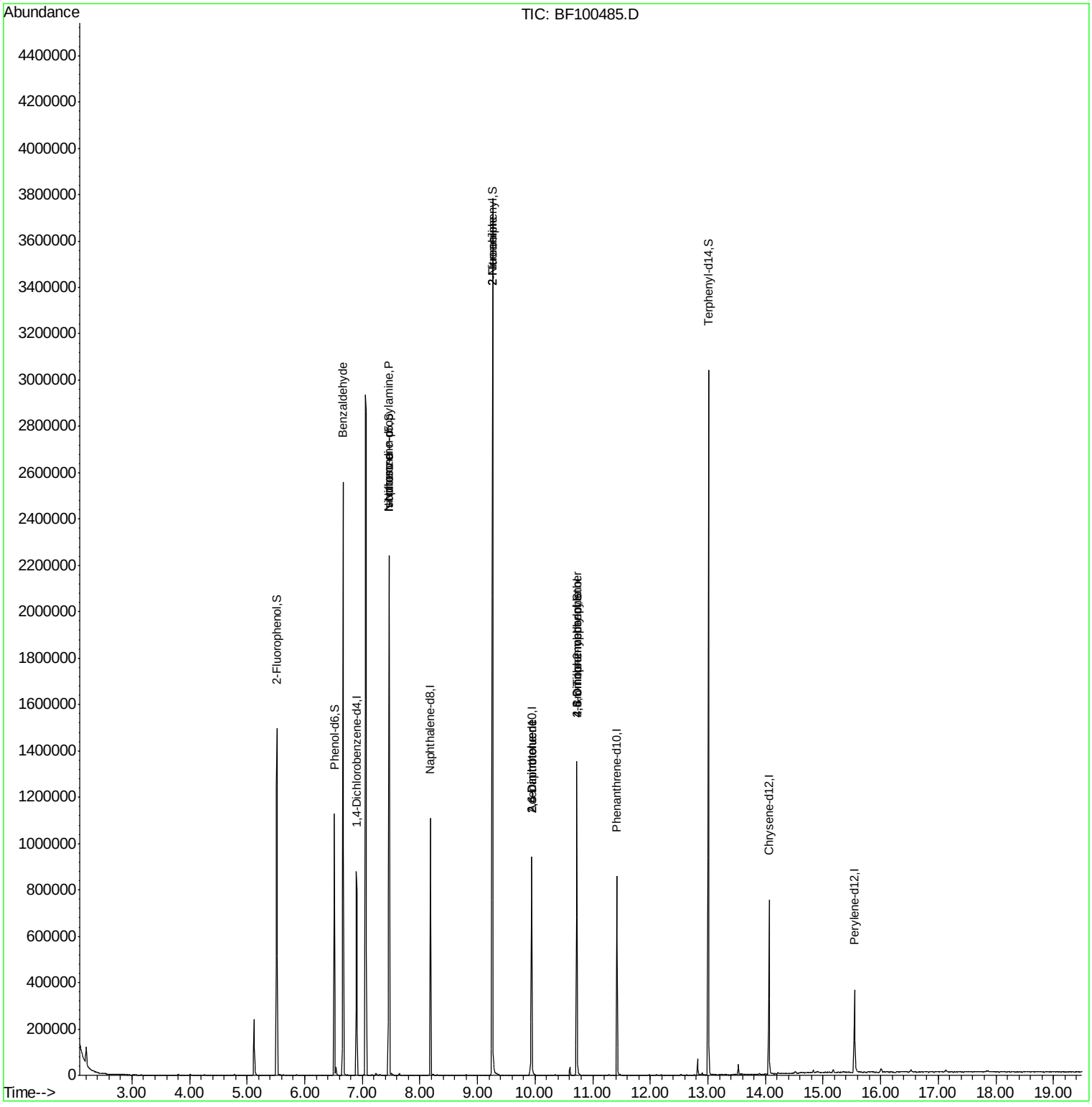
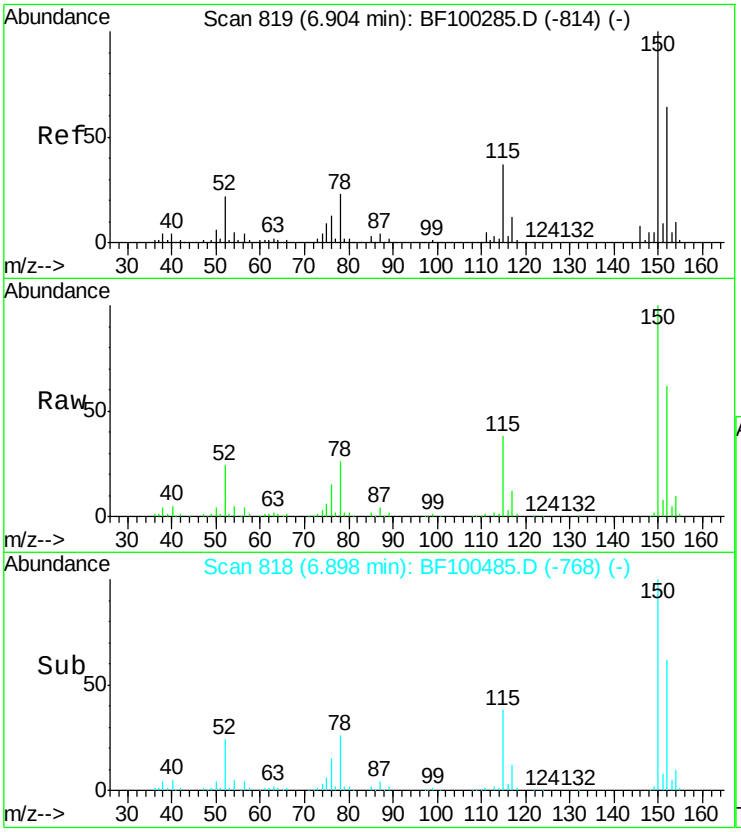


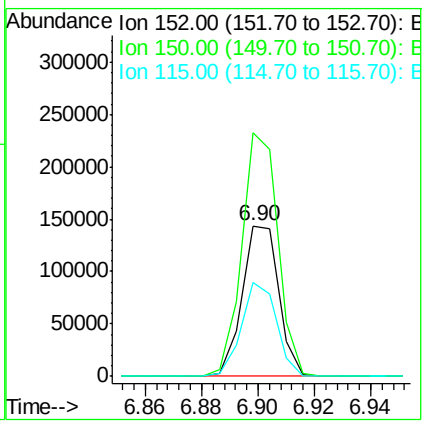


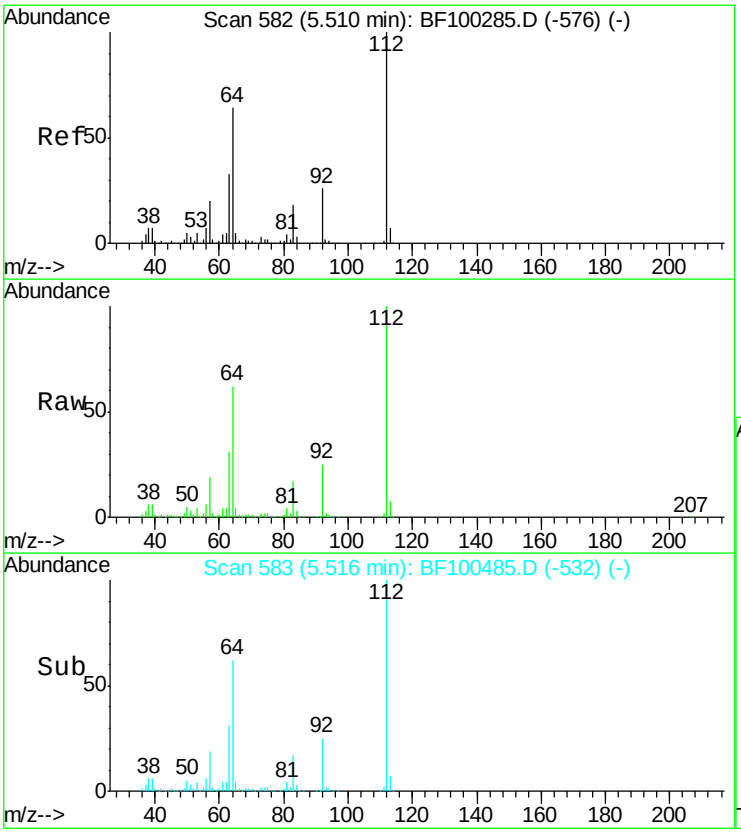
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion:152 Resp: 128967

Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	62.2	50.1	75.1

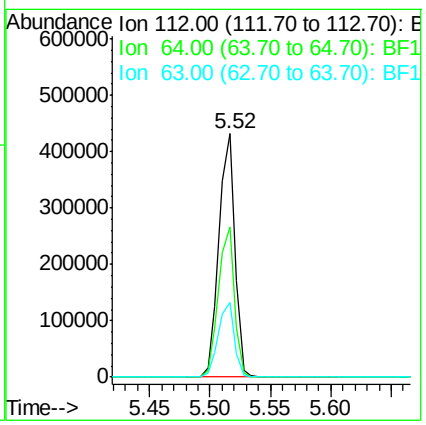


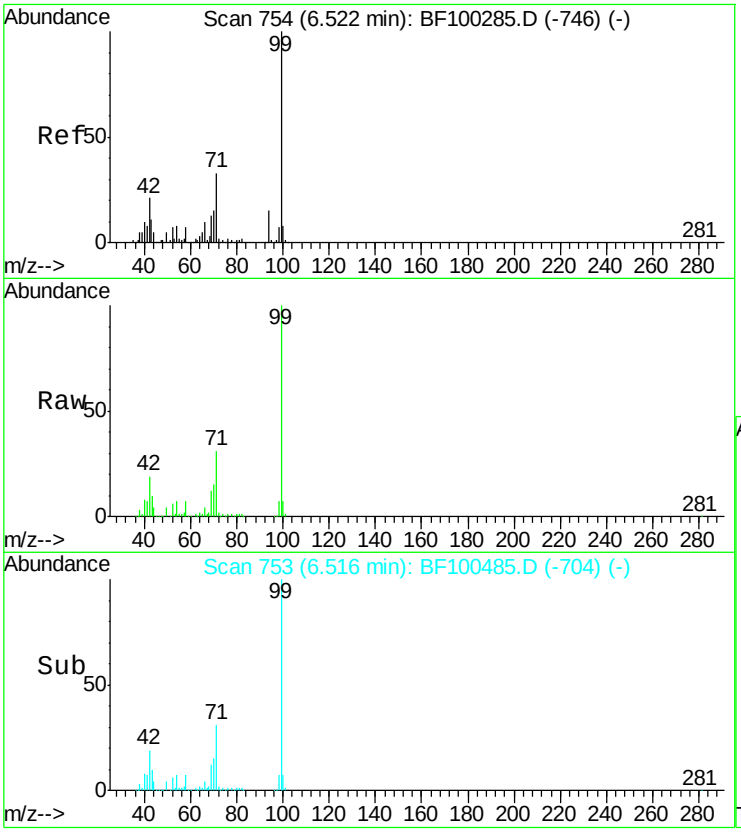


#5
2-Fluorophenol
Concen: 48.96 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion:112 Resp: 393907

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	30.7	23.7	35.5



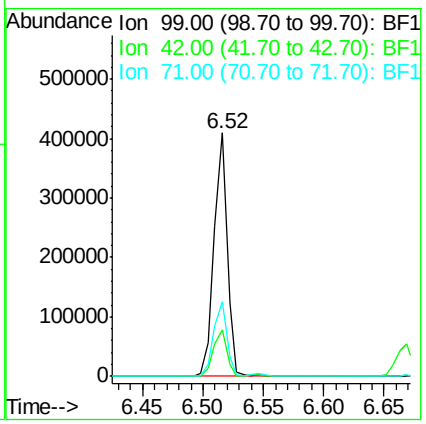


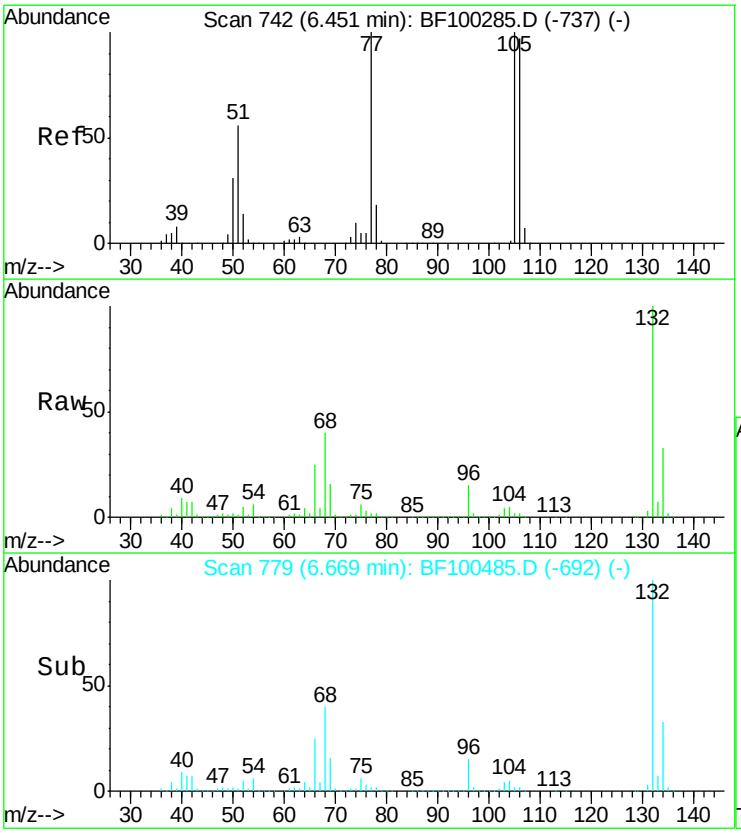
#7
Phenol-d6
Concen: 30.76 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion: 99 Resp: 305205

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	30.7	25.4	38.0

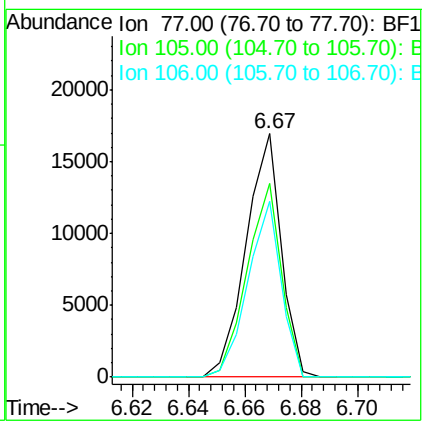


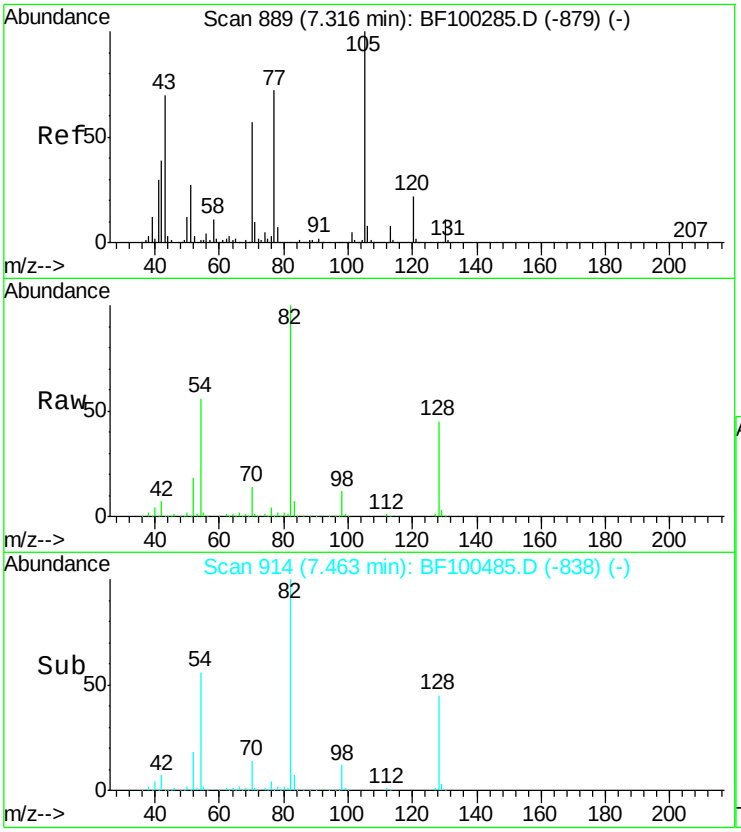


#9
Benzaldehyde
Concen: 2.06 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.21 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion: 77 Resp: 14626

Ion	Ratio	Lower	Upper
77	100		
105	79.8	81.1	121.1#
106	72.0	74.5	114.5#



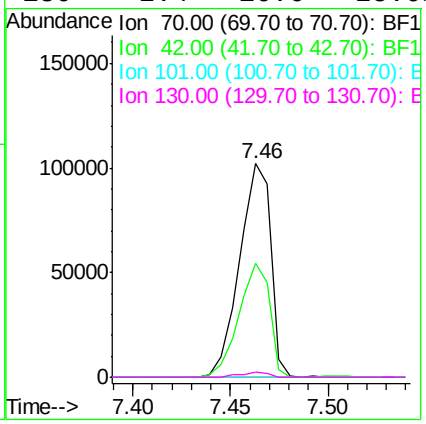


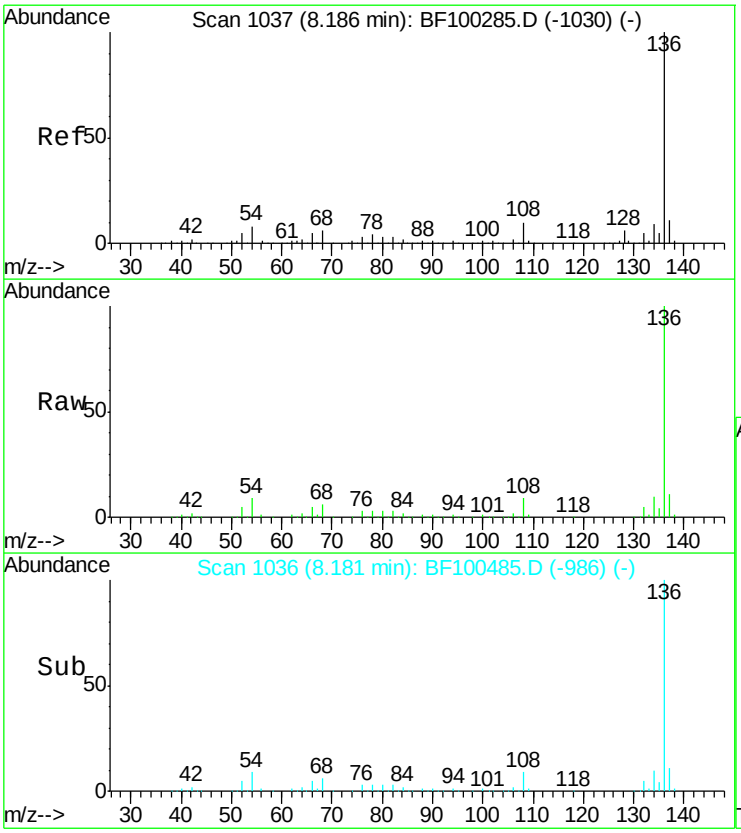
#19
n-Nitroso-di-n-propylamine
Concen: 16.37 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion: 70 Resp: 112608

Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

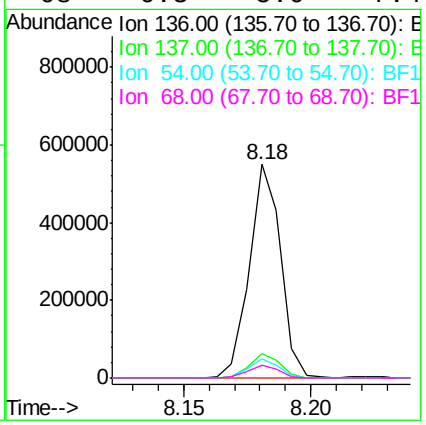


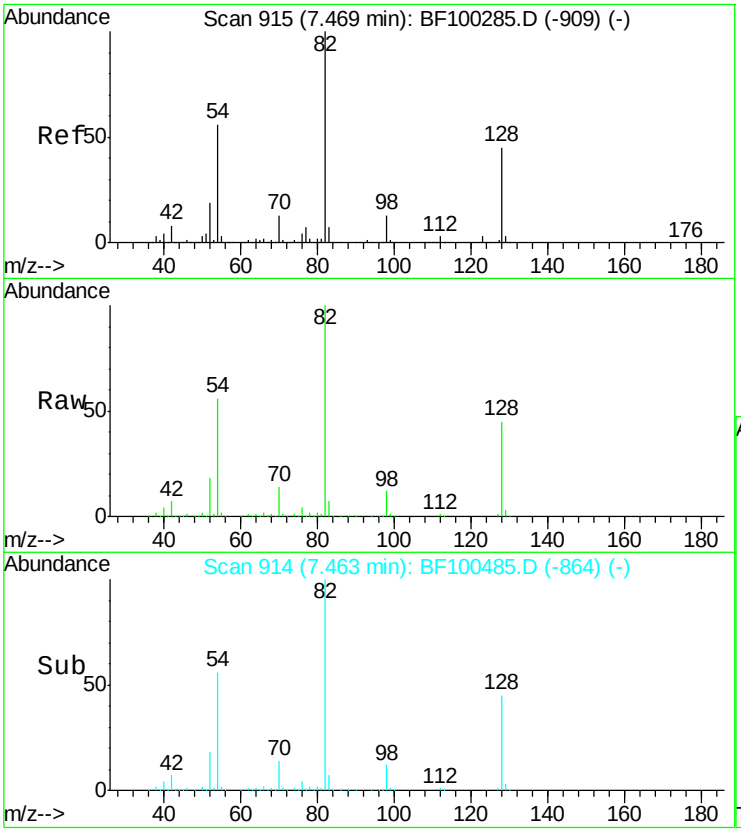


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion:136 Resp: 471896

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.1	6.6	9.8
68	6.3	5.0	7.4



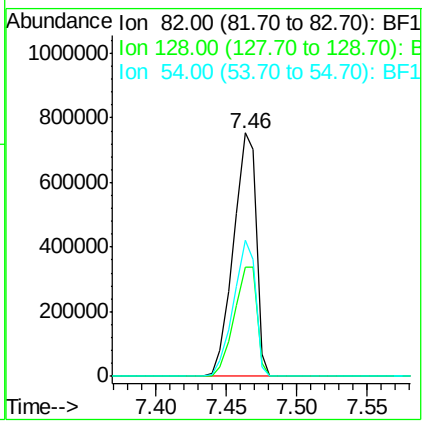


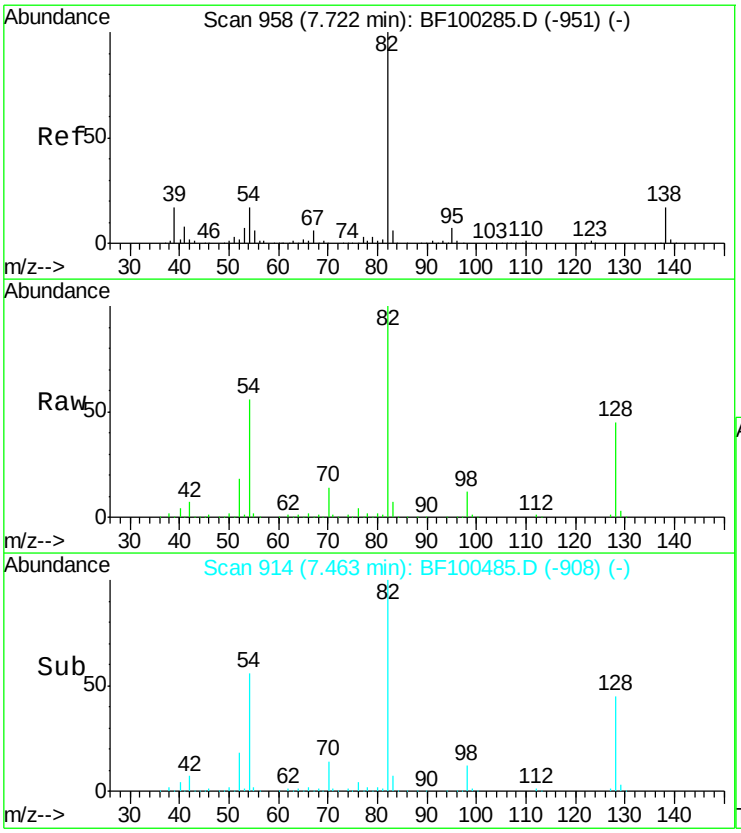
#23
Nitrobenzene-d5
Concen: 118.00 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion: 82 Resp: 842232

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	55.9	41.4	62.2

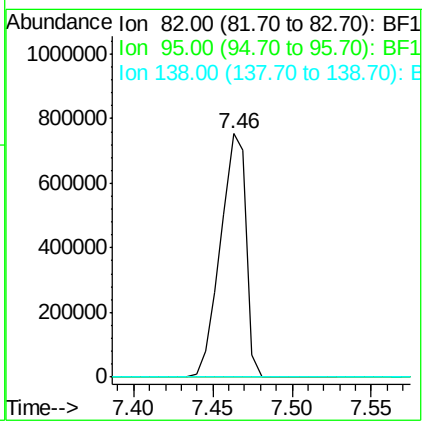


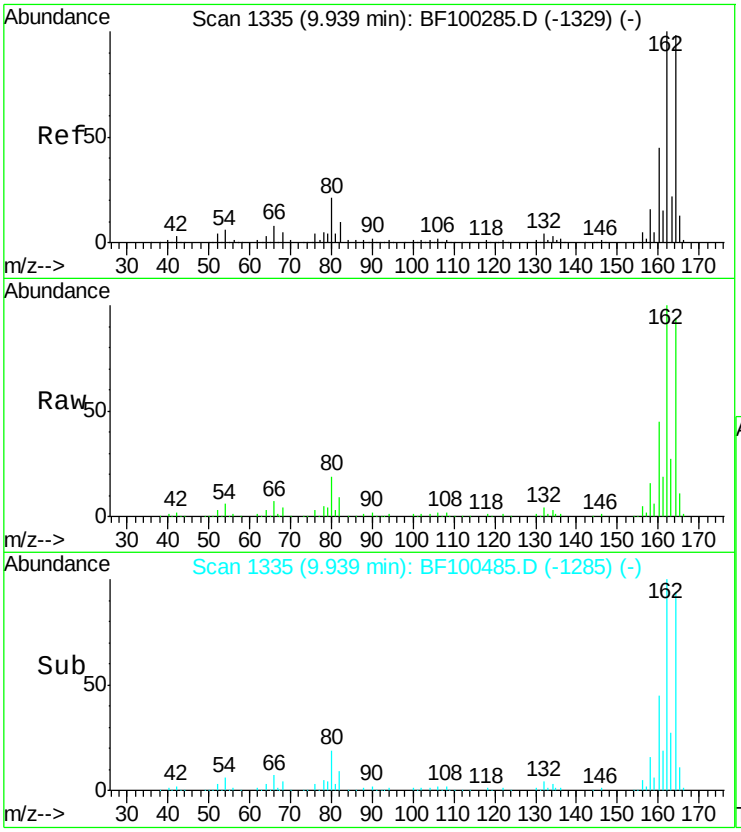


#25
Isophorone
Concen: 56.01 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion: 82 Resp: 840180

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



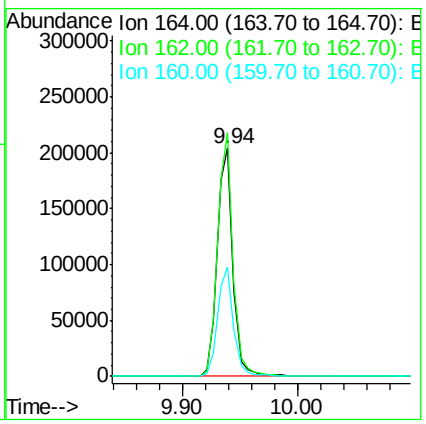


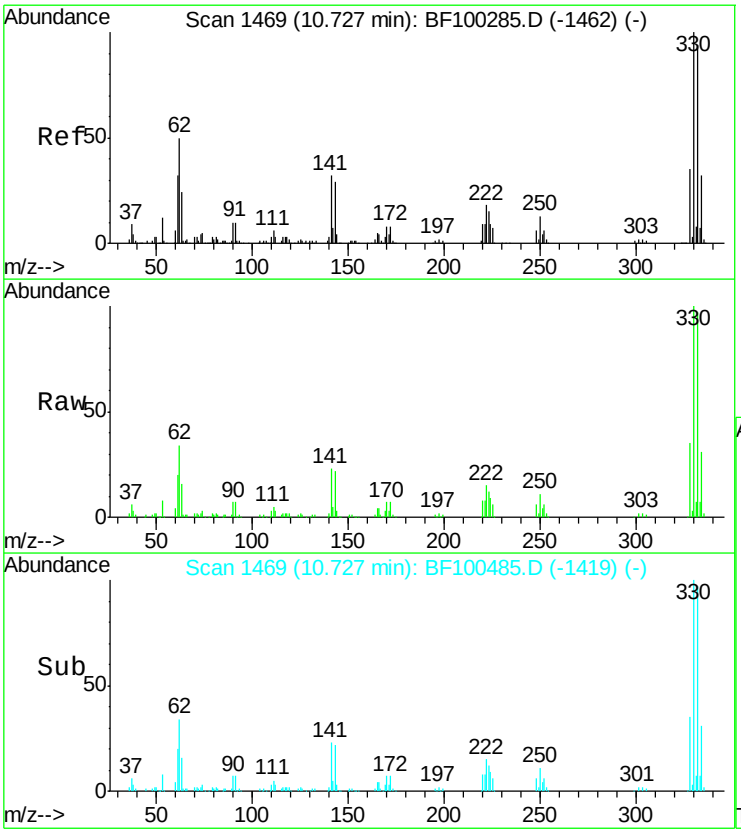
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion:164 Resp: 191676

Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	48.0	38.3	57.5

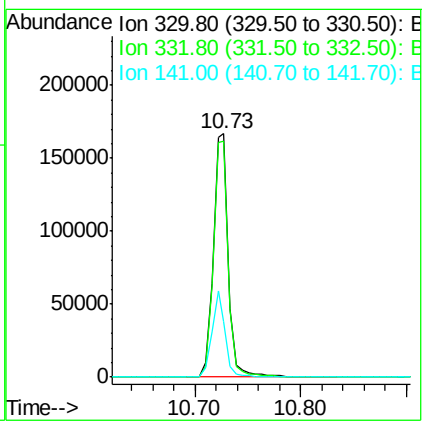


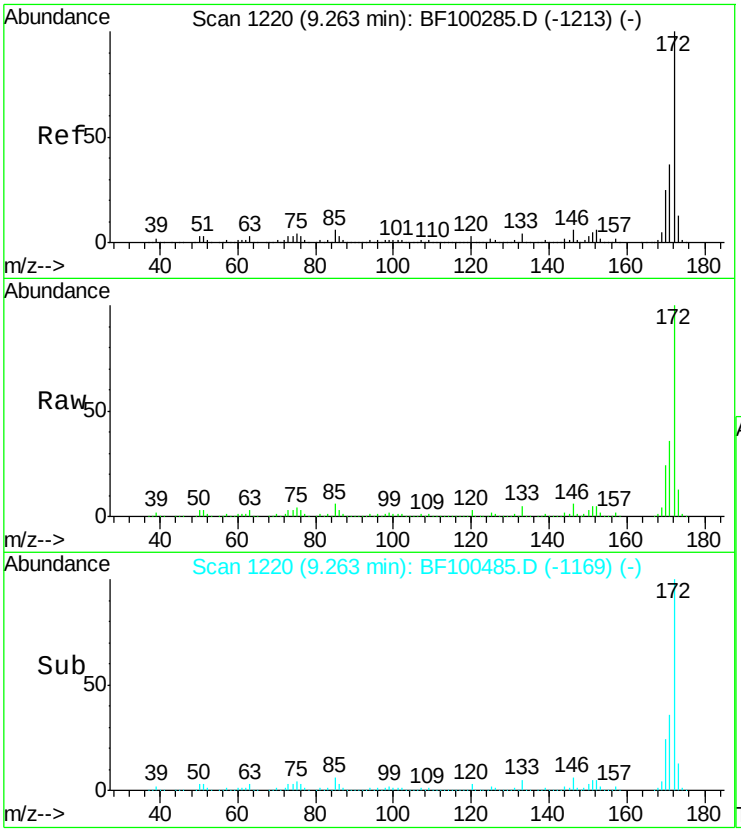


#41
2,4,6-Tribromophenol
Concen: 86.26 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion:330 Resp: 168482

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	31.2	29.9	44.9



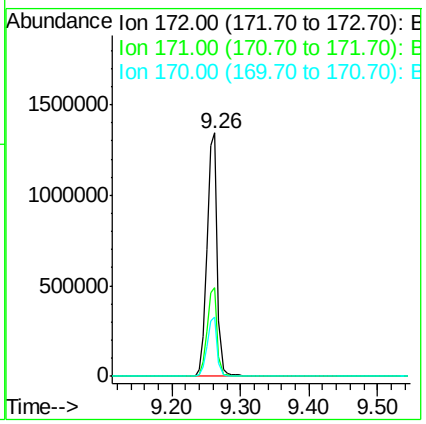


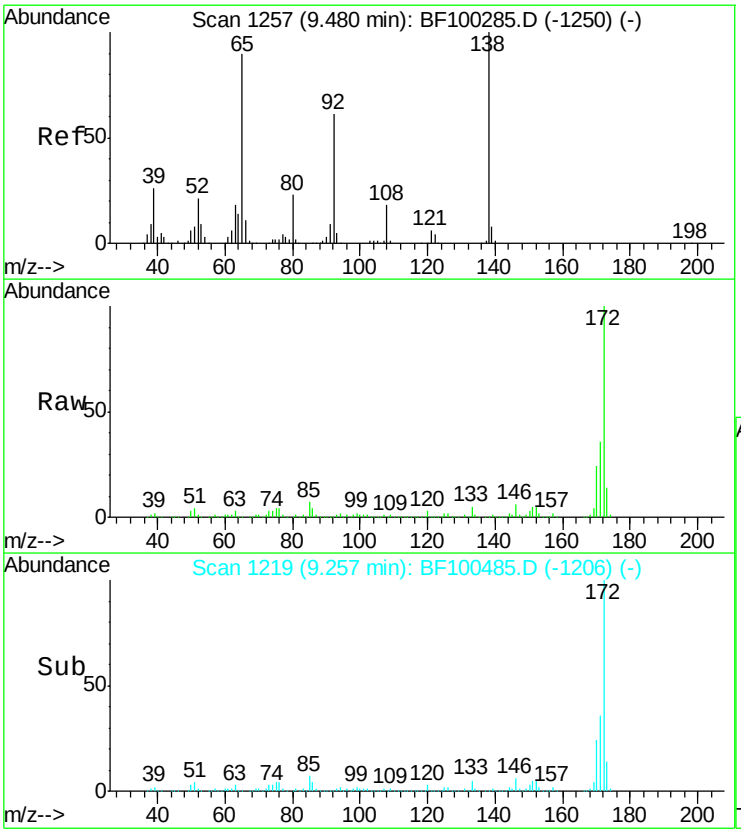
#44
2-Fluorobiphenyl
Concen: 112.55 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion:172 Resp: 1416759

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

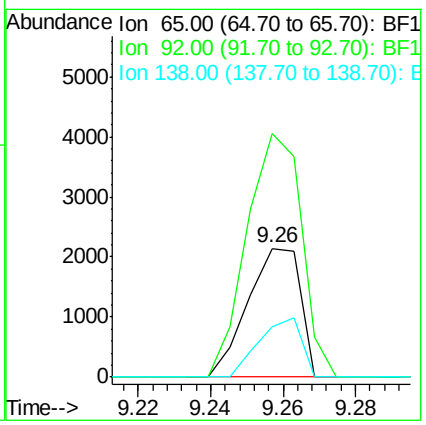


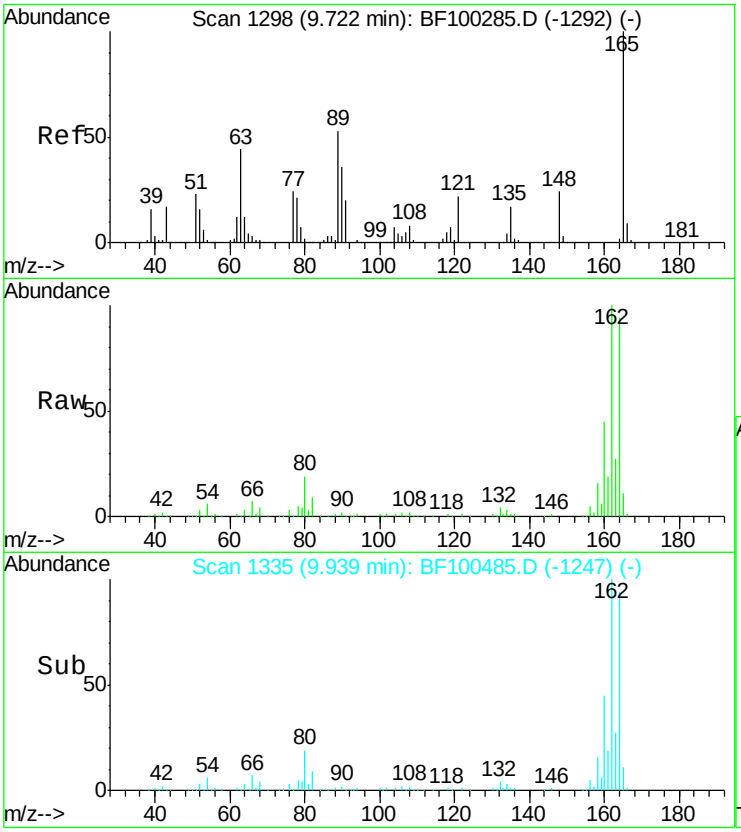


#47
2-Nitroaniline
Concen: 3.35 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion: 65 Resp: 2148

Ion	Ratio	Lower	Upper
65	100		
92	189.5	55.8	83.6#
138	39.0	91.2	136.8#



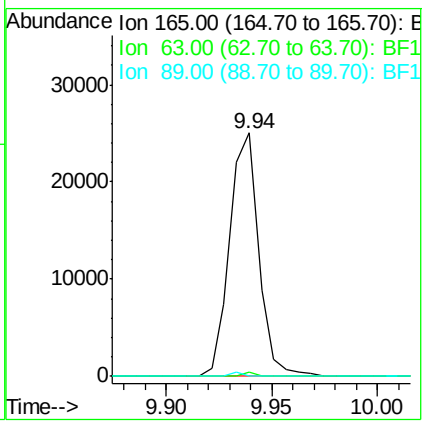


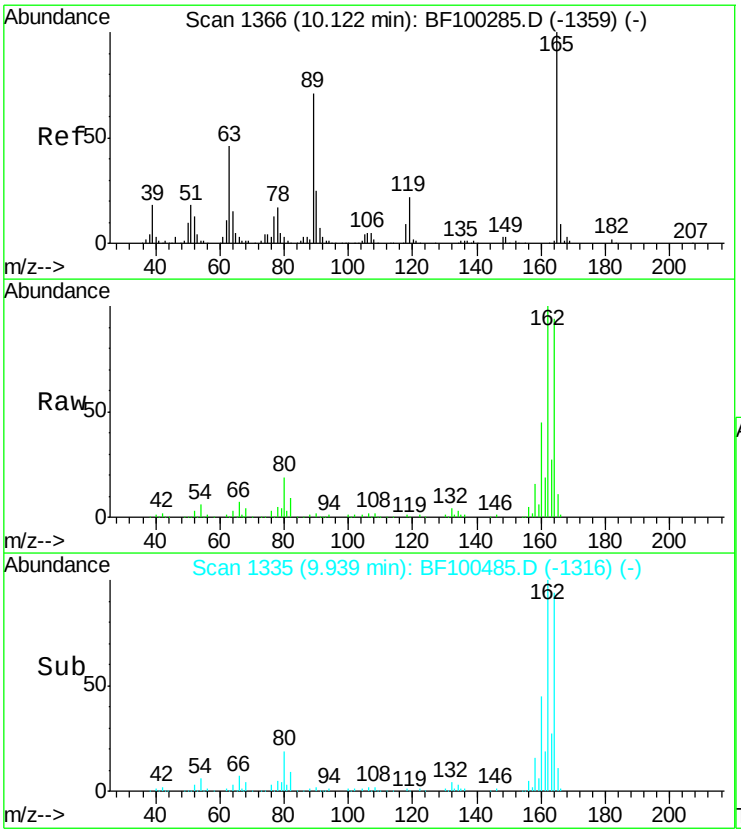
#50
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion:165 Resp: 23780

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#

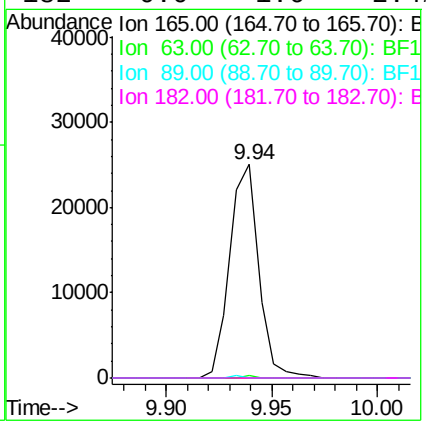


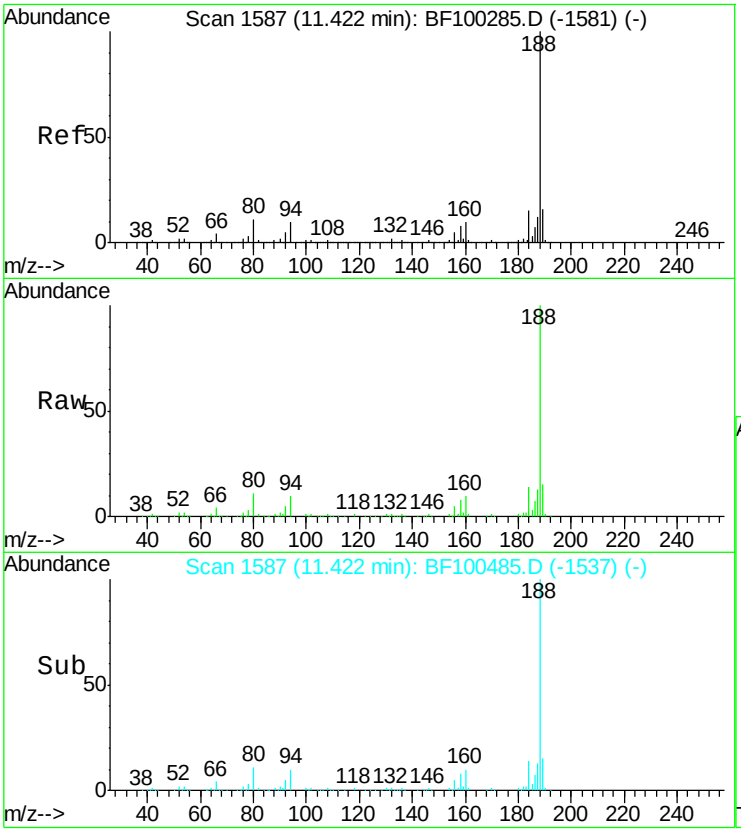


#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion:165 Resp: 23780

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



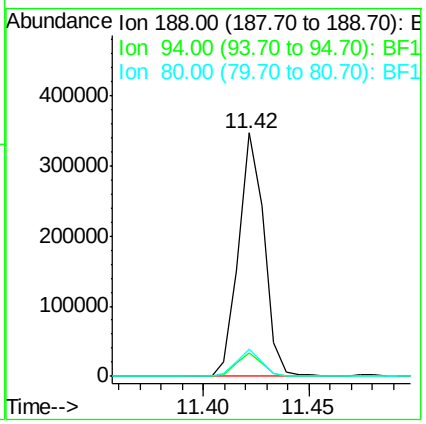


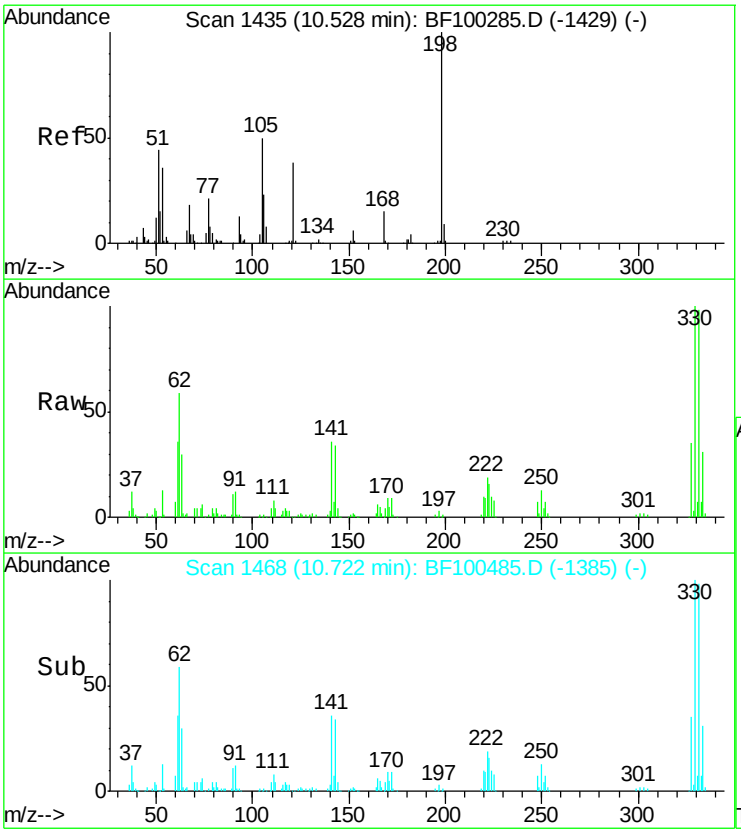
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion:188 Resp: 289382

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.0	9.2	13.8

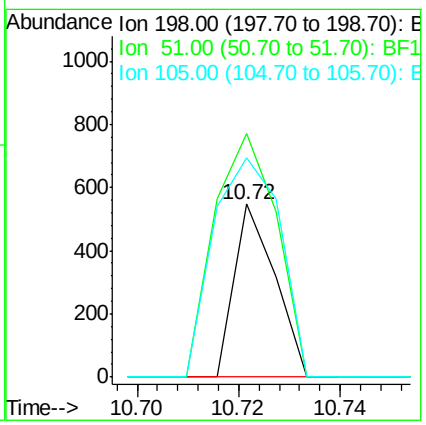


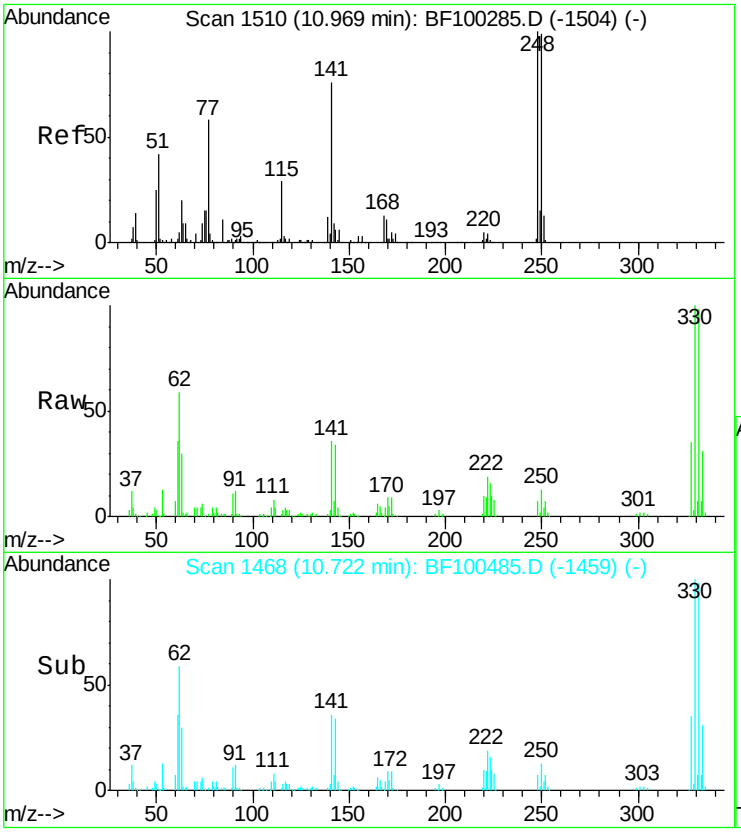


#64
4,6-Dinitro-2-methylphenol
Concen: 8.74 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion:198 Resp: 305

Ion	Ratio	Lower	Upper
198	100		
51	140.7	37.7	77.7#
105	126.5	36.3	76.3#



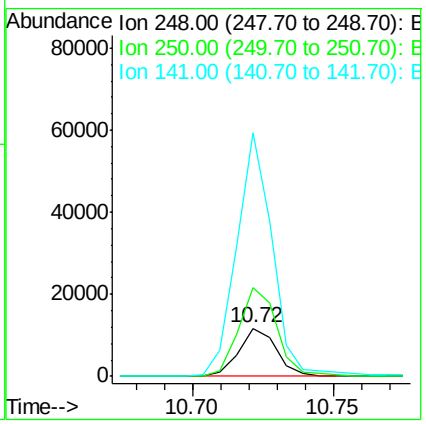


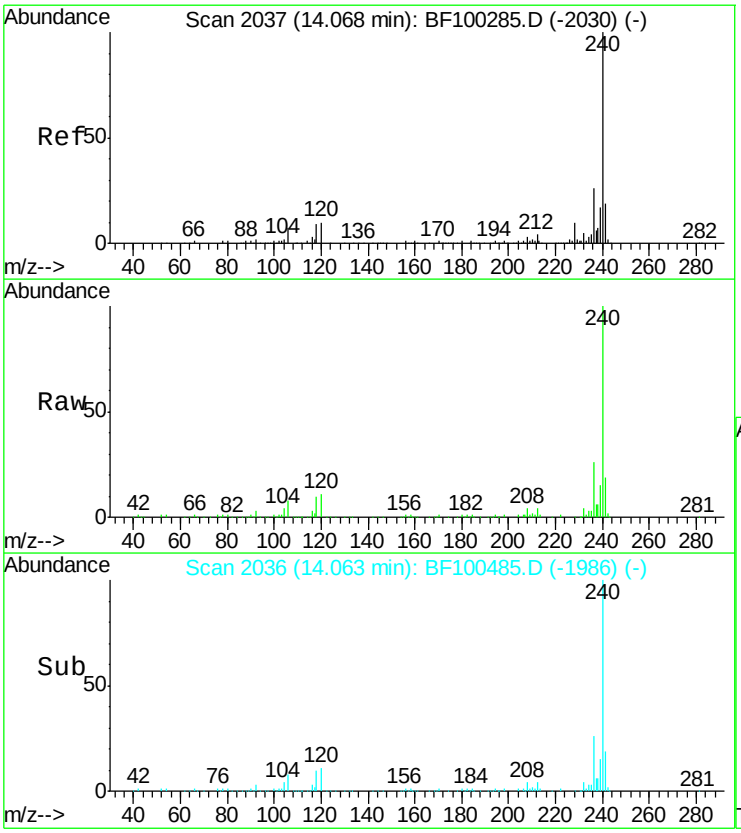
#66
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion:248 Resp: 10659

Ion	Ratio	Lower	Upper
248	100		
250	183.9	76.9	115.3#
141	505.7	74.4	111.6#

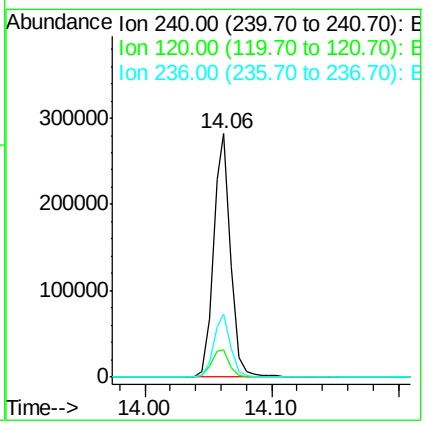


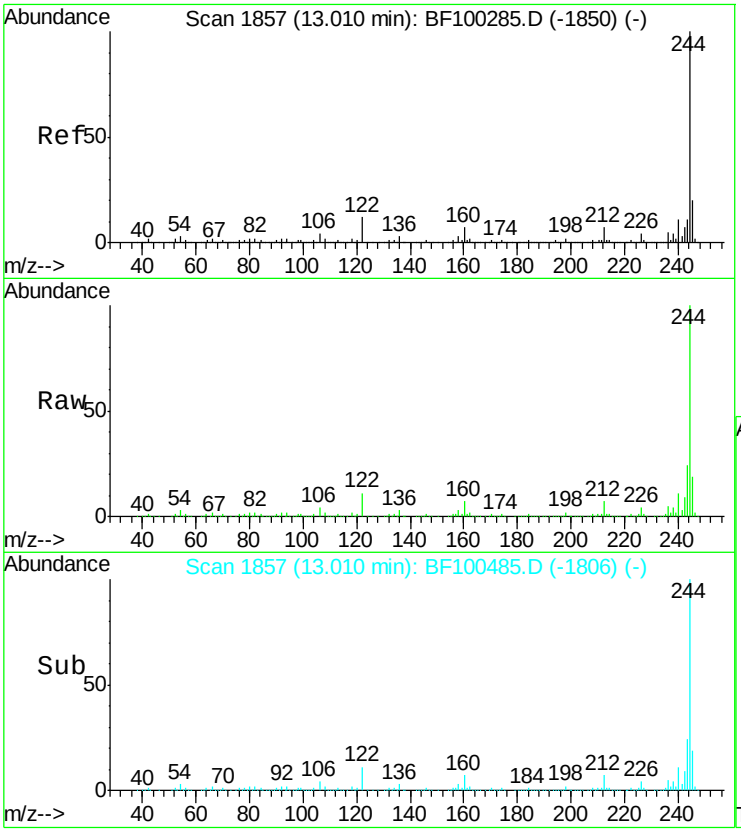


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion:240 Resp: 266316

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.8	20.7	31.1



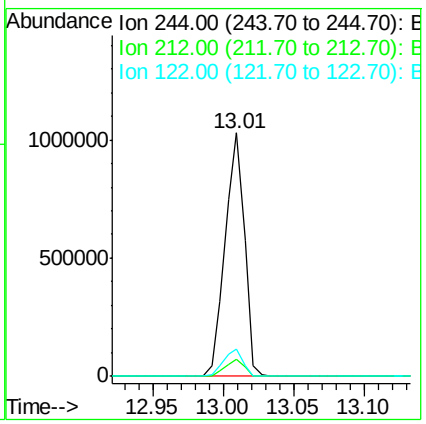


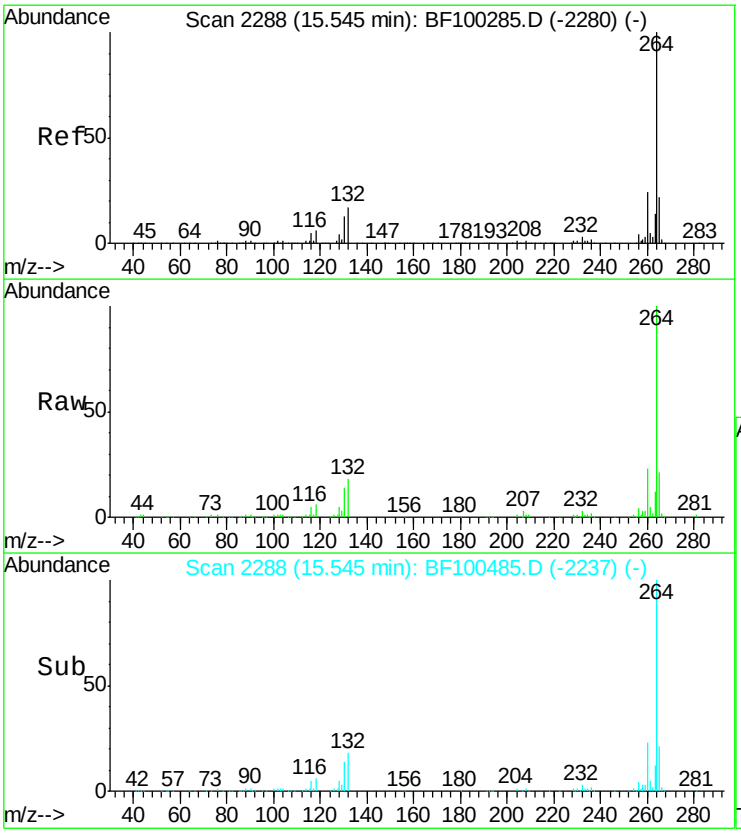
#78
Terphenyl-d14
Concen: 84.64 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100485.D
Acq: 12 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
110717-JETT-E-D-S

Tgt Ion:244 Resp: 981028

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.4	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: BF100485.D
Acq: 12 Nov 2017 13:14

Tgt Ion:264 Resp: 180376

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.8	17.5	26.3