Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\

Quantitation Report (Not Reviewed)

Data File : BF100517.D
Acq On : 13 Nov 2017 21:48
Operator : SJ/JU
Sample : I6388-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-6

Quant Time: Nov 14 00:56:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	74554	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	268231	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	104686	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	171210	20.00	ng		0.00
75) Chrysene-d12	14.05	240	161522	20.00	ng		0.00
86) Perylene-d12	15.53	264	113680	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	476247	102.40	ng		0.01
7) Phenol-d6	6.52	99	556864	97.10	ng		0.00
23) Nitrobenzene-d5	7.46	82	329655	81.25	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	111594	104.61	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	665458	96.79	ng		0.00
78) Terphenyl-d14	13.00	244	501444	71.33	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	22485	3.73	ng		85
19) n-Nitroso-di-n-propylamine	7.45	70	42946	10.80	ng	#	82
25) Isophorone	7.46	82	329647	38.66	ng	#	64
47) 2-Nitroaniline	9.25	65	961	3.25	ng	#	9
49) Dimethylphthalate	9.64	163	34362	4.30	ng	#	97
50) 2,6-Dinitrotoluene	9.93	165	13185	8.33	ng	#	24
56) 2,4-Dinitrotoluene	9.93	165	13185	6.61	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.72	198	108	8.67	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	6863	3.74	ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\

Quantitation Report (Not Reviewed)

Data File : BF100517.D
Acq On : 13 Nov 2017 21:48
Operator : SJ/JU
Sample : I6388-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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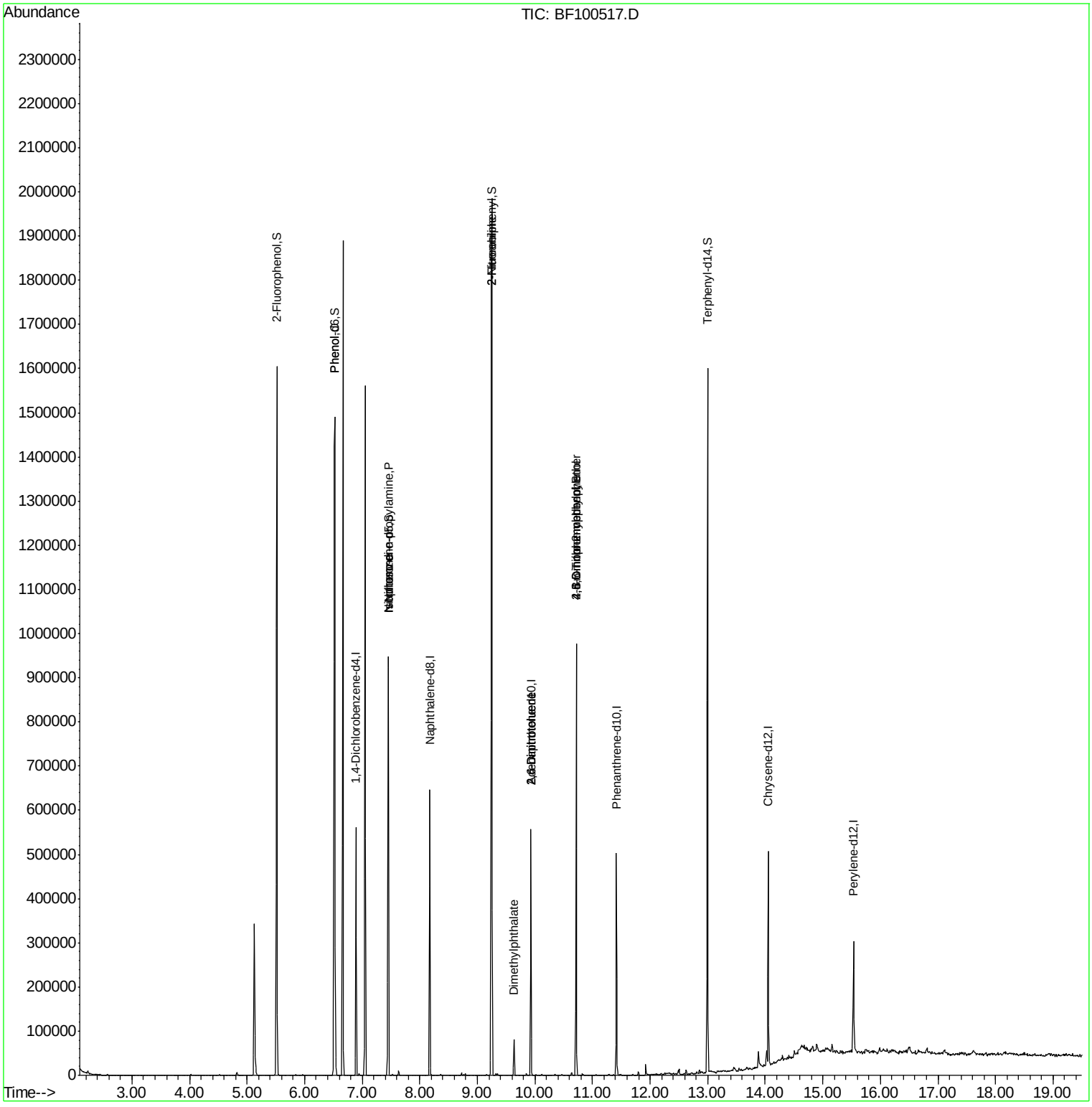
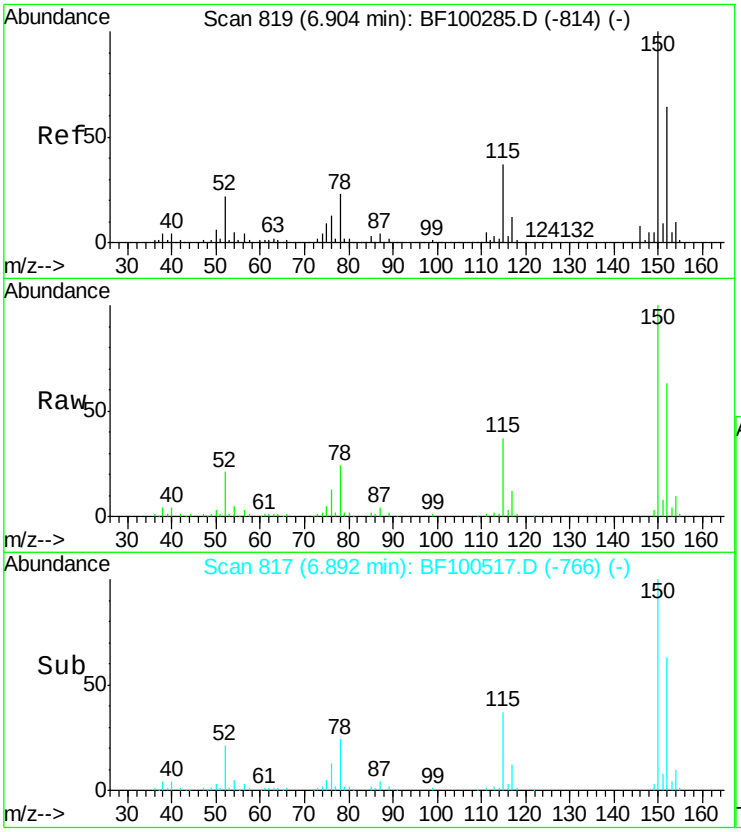


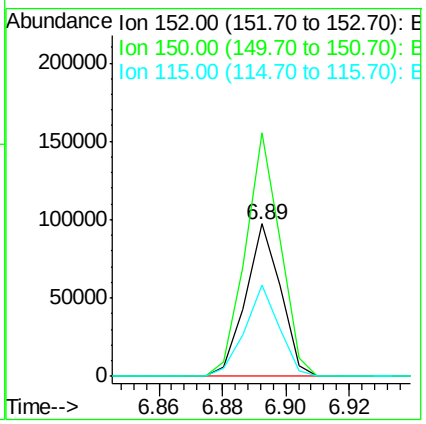


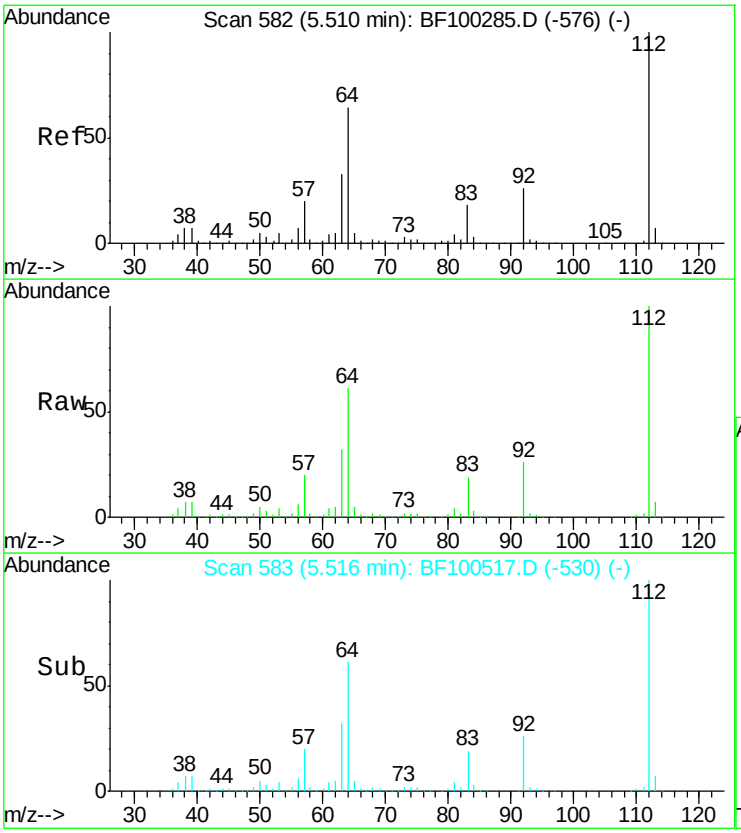
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion:152 Resp: 74554

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	59.6	50.1	75.1

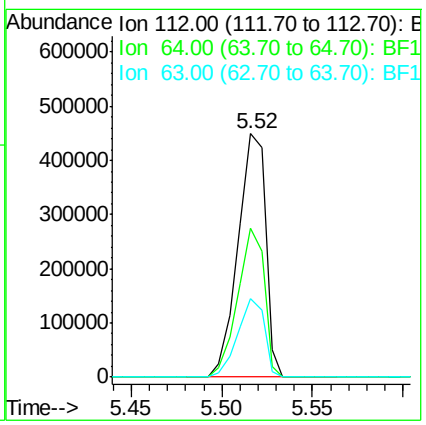


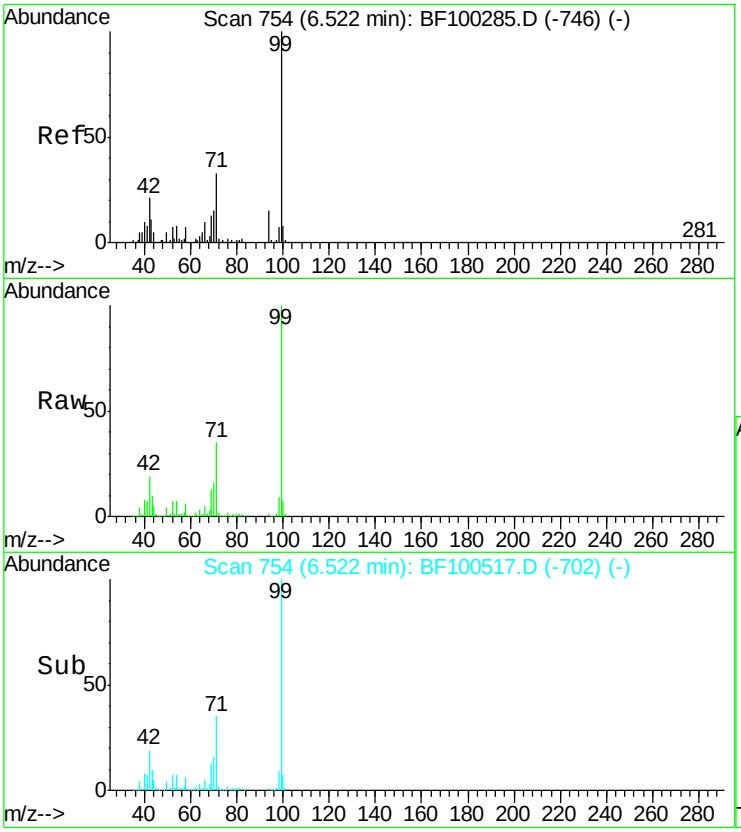


#5
2-Fluorophenol
Concen: 102.40 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion:112 Resp: 476247

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	32.4	23.7	35.5



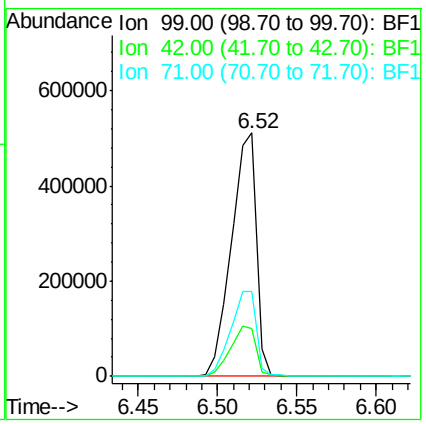


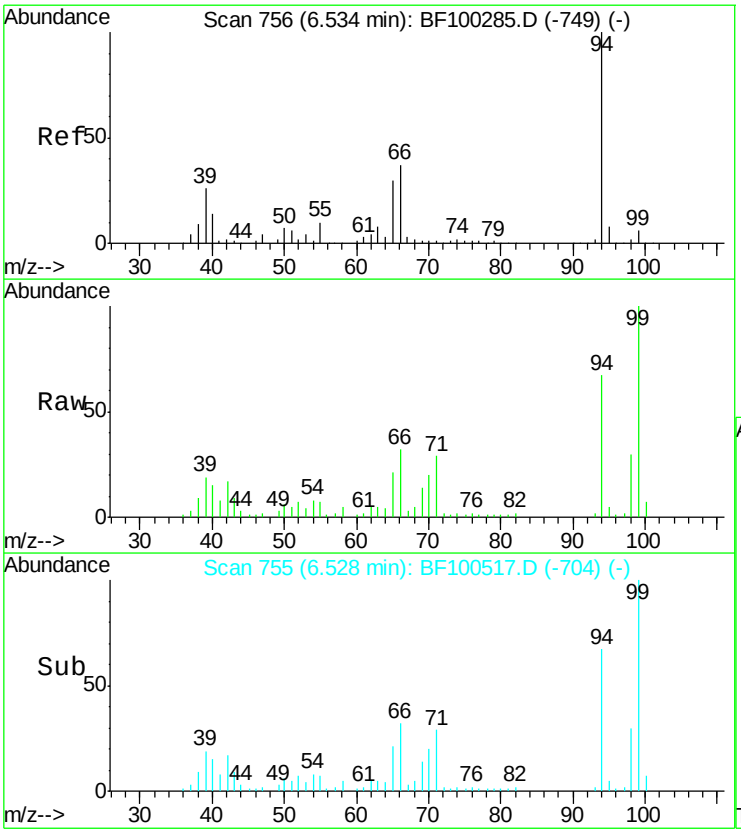
#7
Phenol-d6
Concen: 97.10 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion: 99 Resp: 556864

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	35.1	25.4	38.0

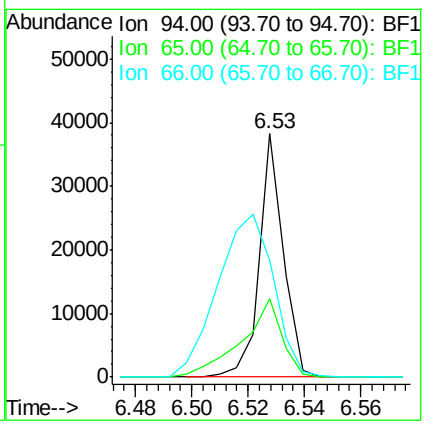


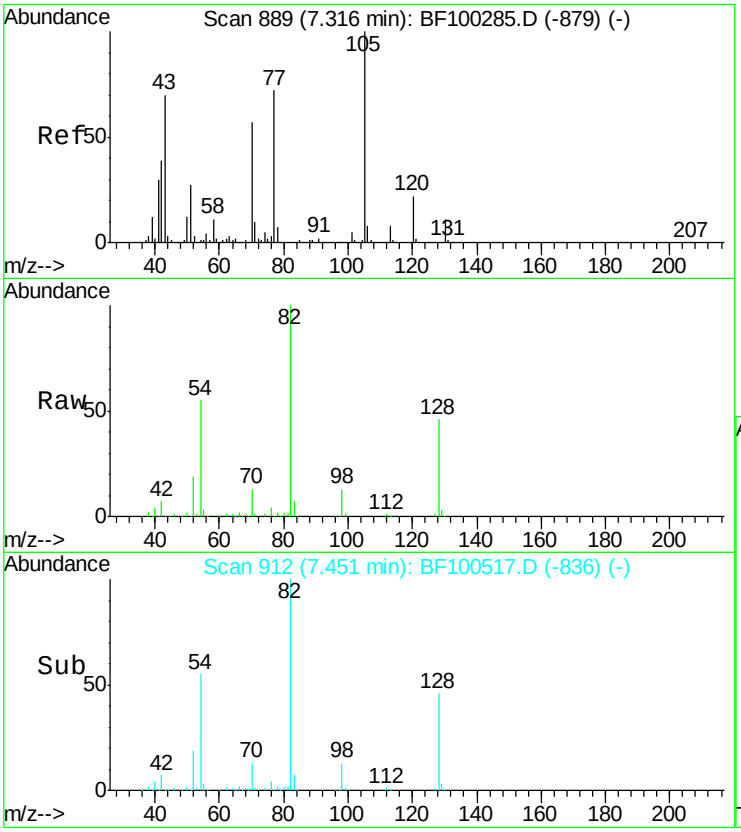


#10
Phenol
Concen: 3.73 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion: 94 Resp: 22485

Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.9	47.9
66	47.8	16.2	56.2



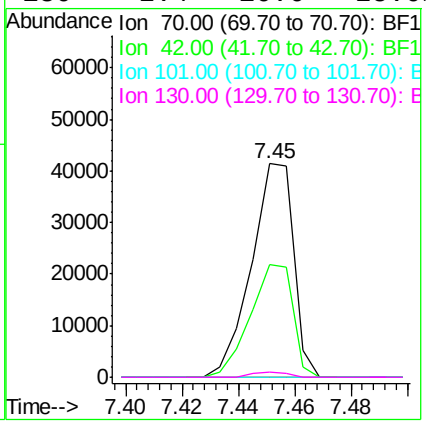


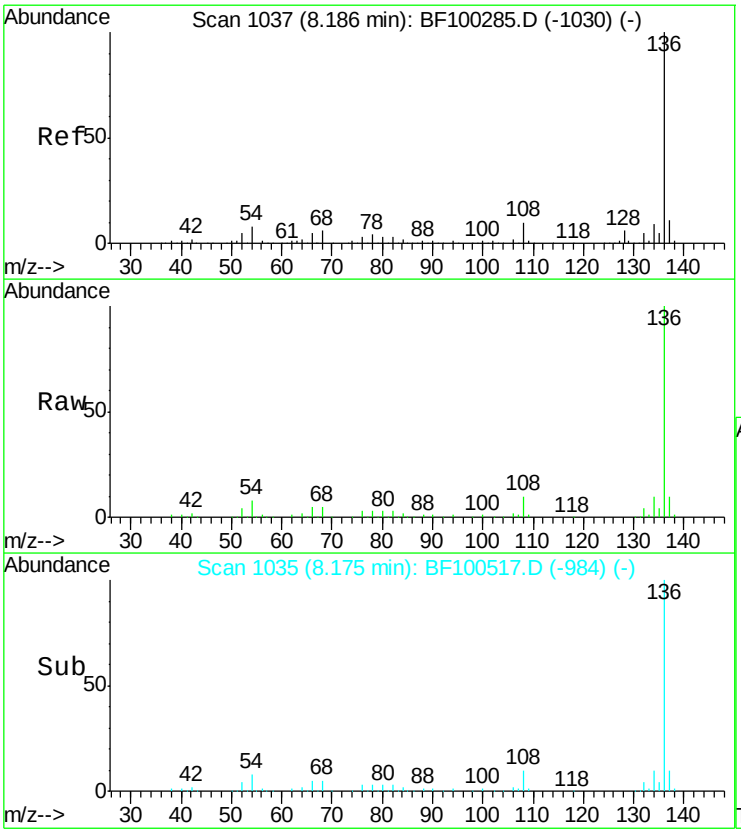
#19
n-Nitroso-di-n-propylamine
Concen: 10.80 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion: 70 Resp: 42946

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

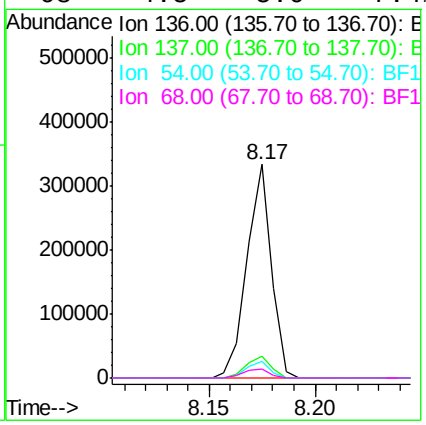


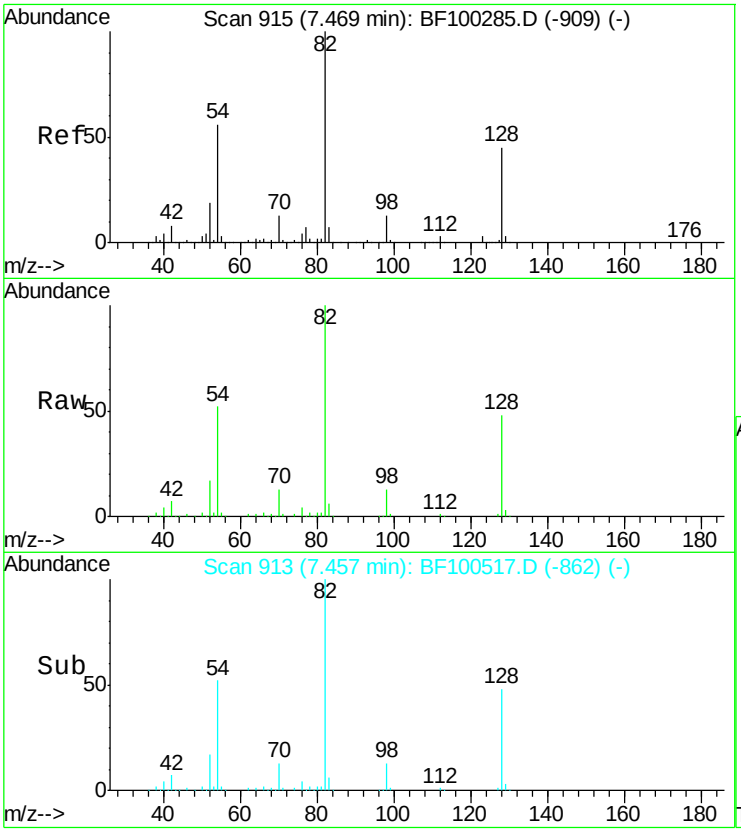


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion:136 Resp: 268231

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.6	6.6	9.8
68	4.5	5.0	7.4#



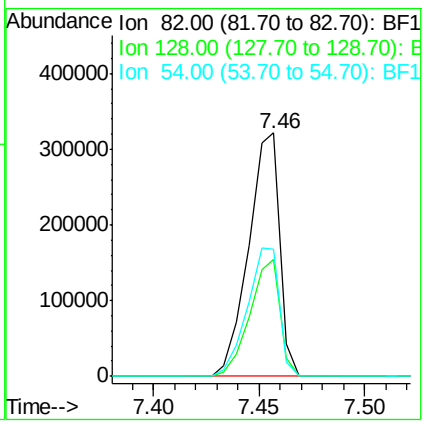


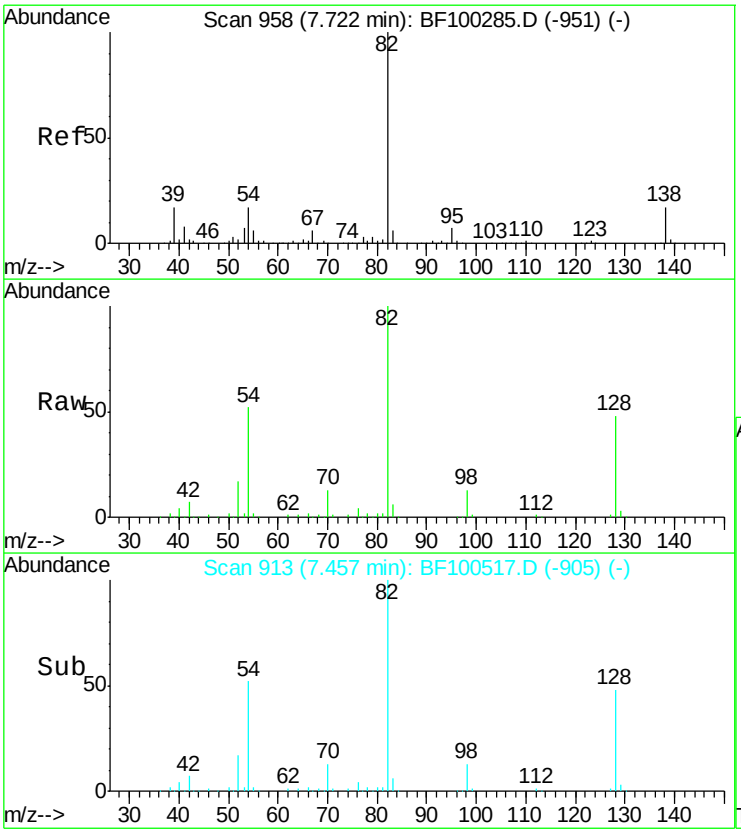
#23
Nitrobenzene-d5
Concen: 81.25 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion: 82 Resp: 329655

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	52.4	41.4	62.2

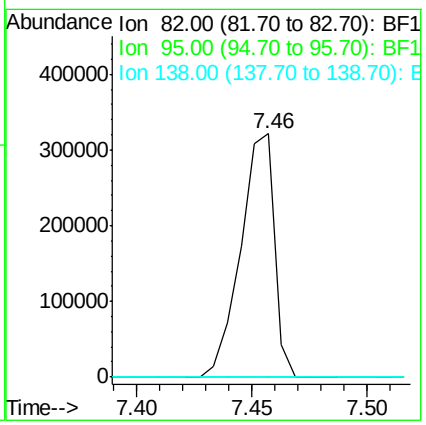


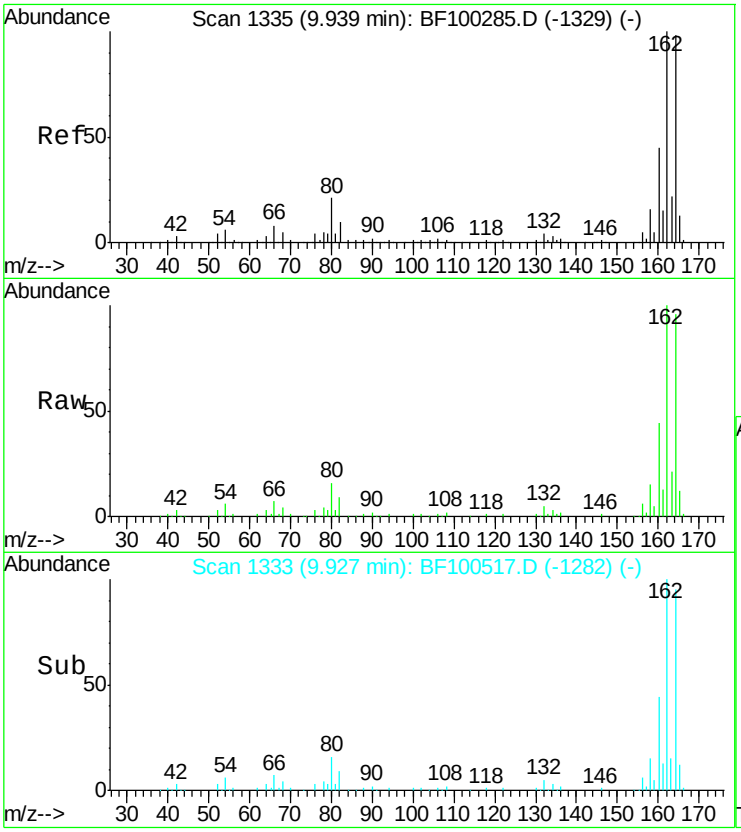


#25
Isophorone
Concen: 38.66 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.25 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion: 82 Resp: 329647

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



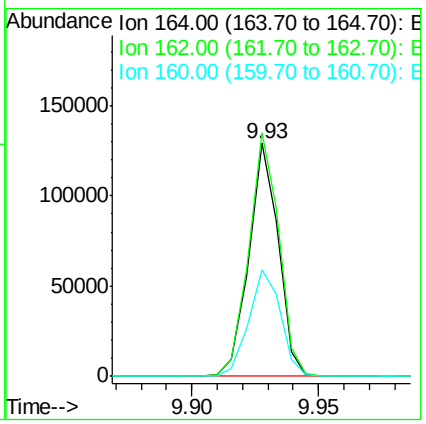


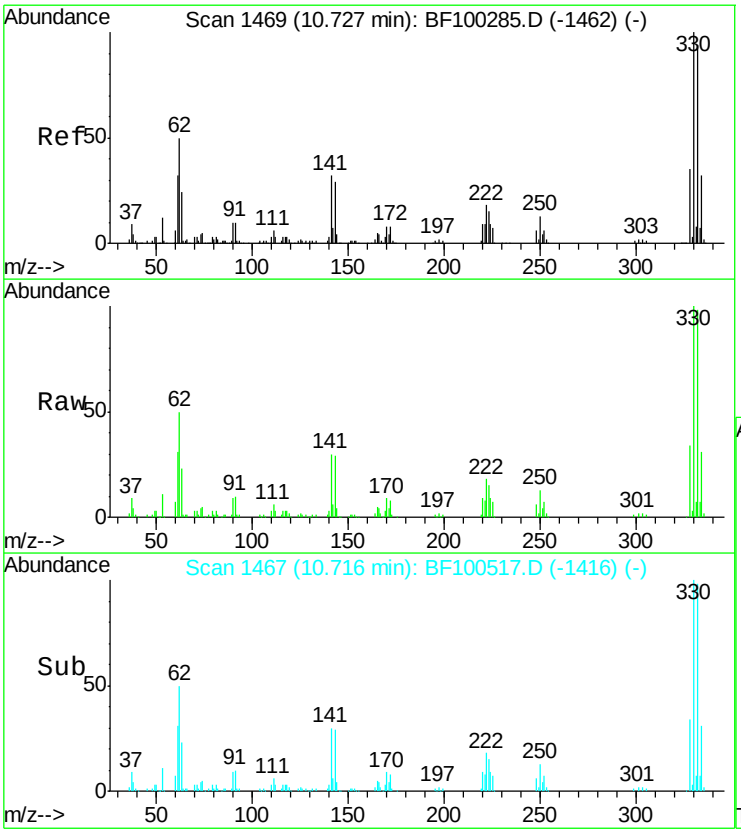
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion:164 Resp: 104686

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.5	38.3	57.5

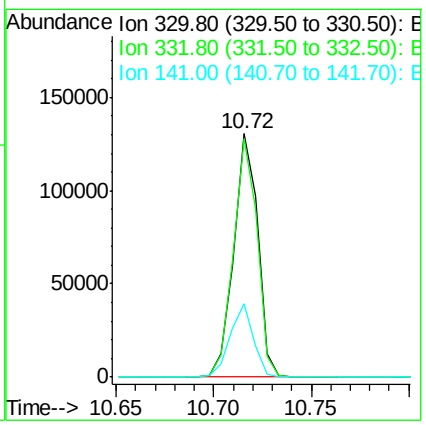


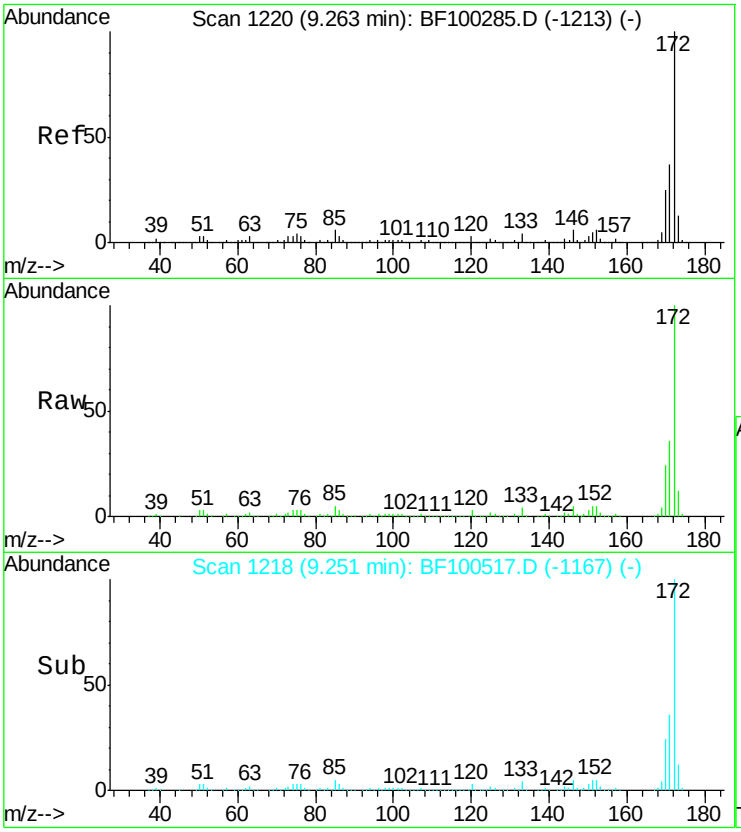


#41
2,4,6-Tribromophenol
Concen: 104.61 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion:330 Resp: 111594

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.1	29.9	44.9#



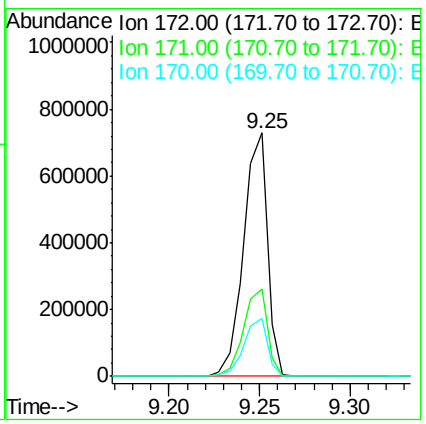


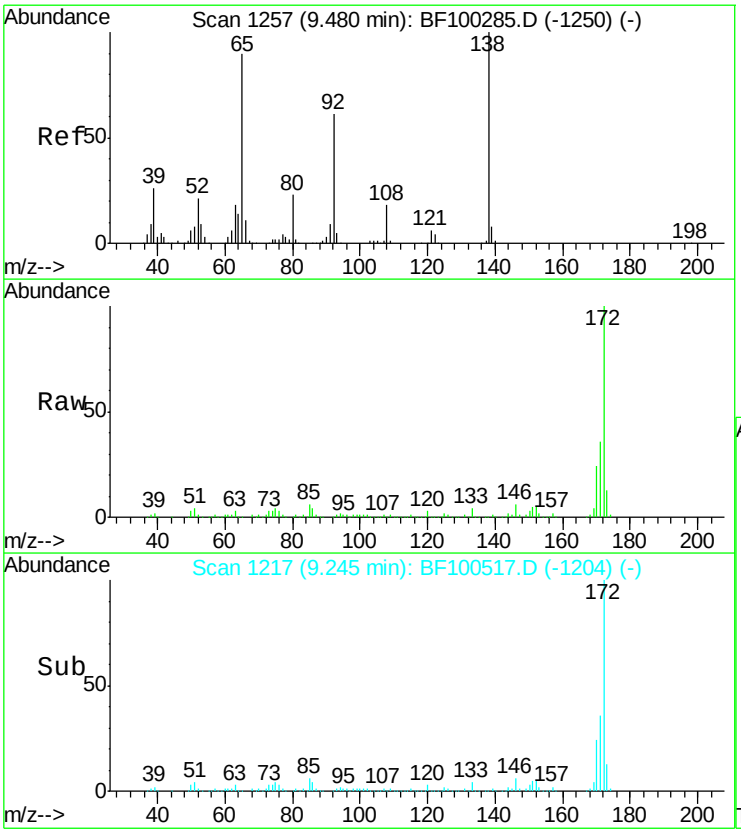
#44
2-Fluorobiphenyl
Concen: 96.79 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion:172 Resp: 665458

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4

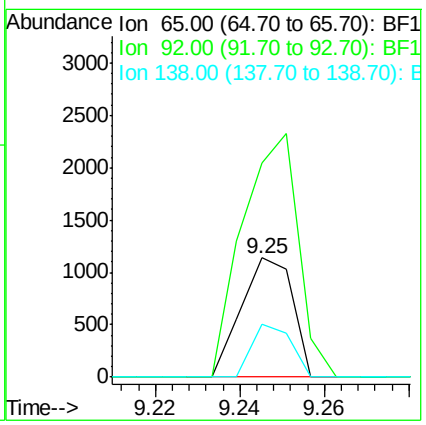


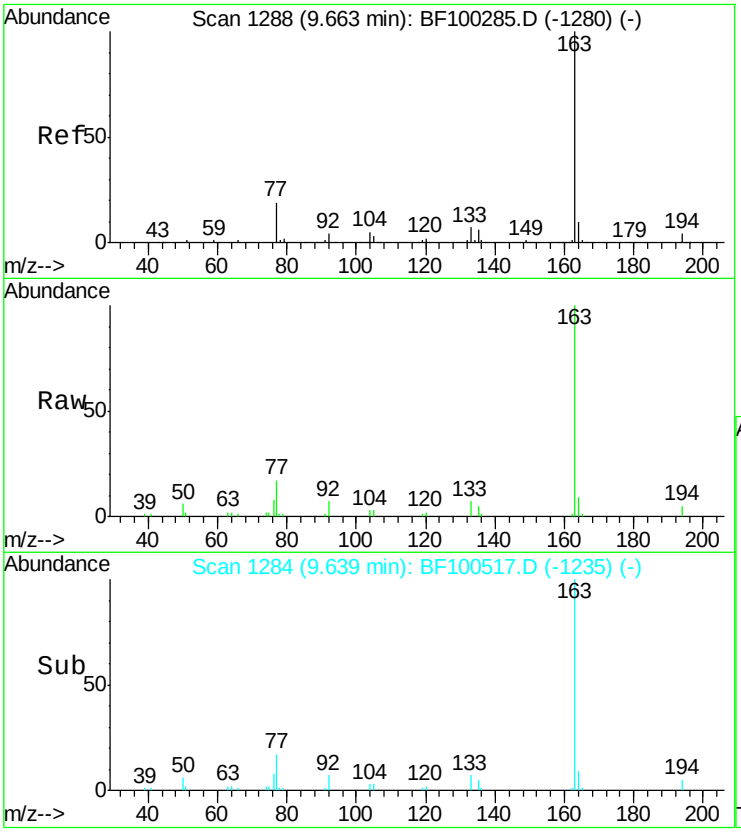


#47
2-Nitroaniline
Concen: 3.25 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.22 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion: 65 Resp: 961

Ion	Ratio	Lower	Upper
65	100		
92	179.1	55.8	83.6#
138	44.4	91.2	136.8#



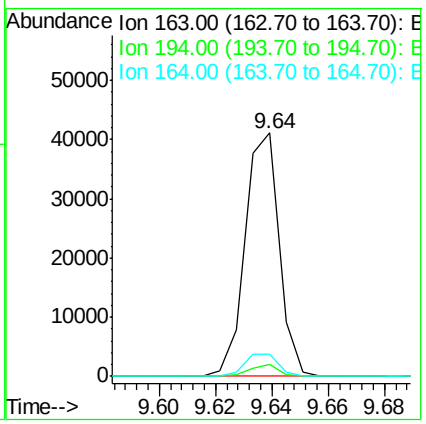


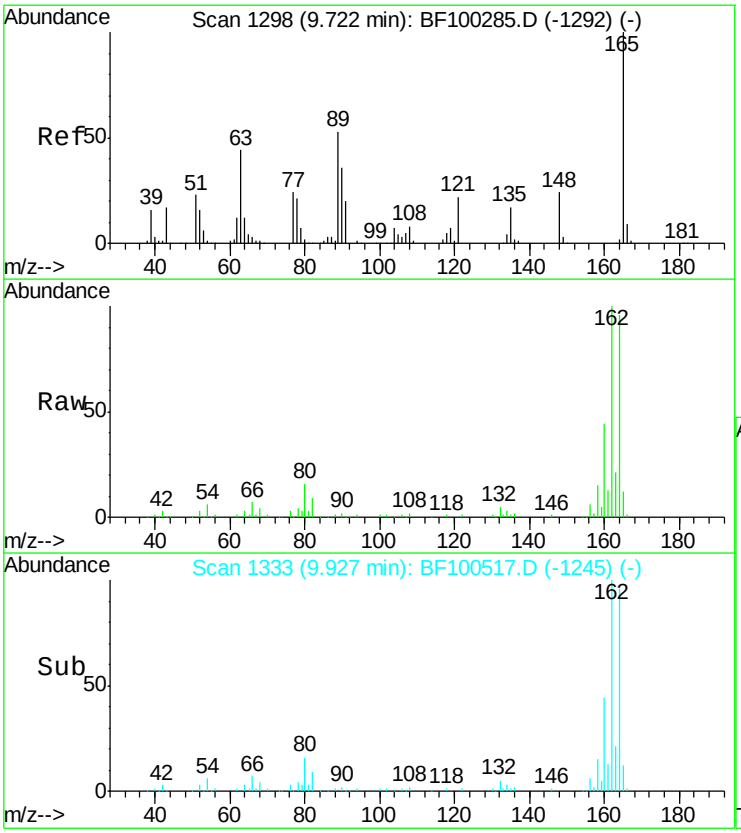
#49
Dimethylphthalate
Concen: 4.30 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion:163 Resp: 34362

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	9.3	8.2	12.2

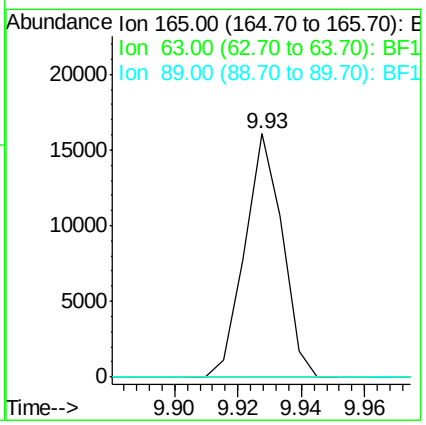


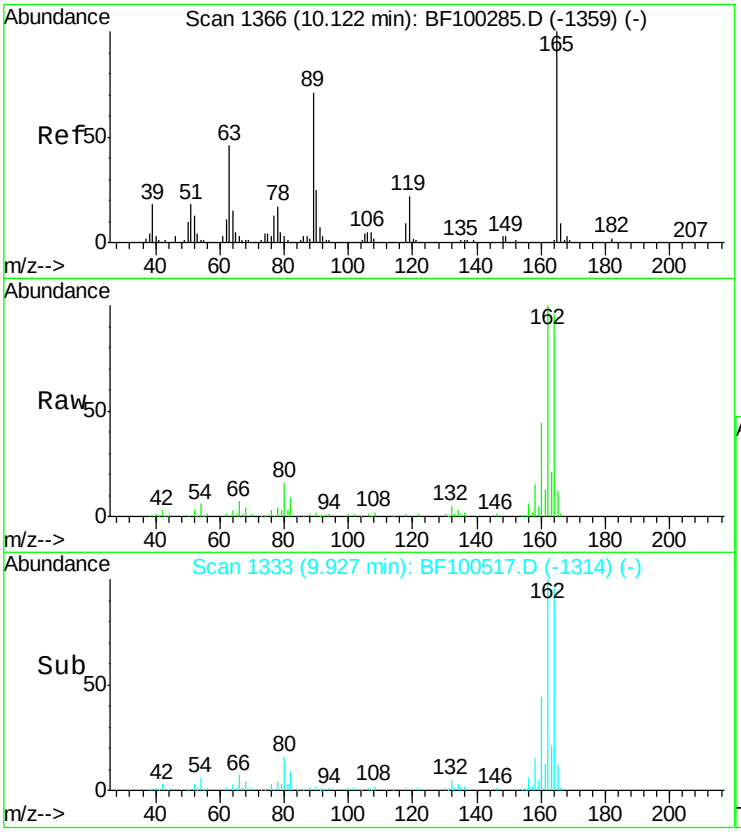


#50
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion:165 Resp: 13185

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



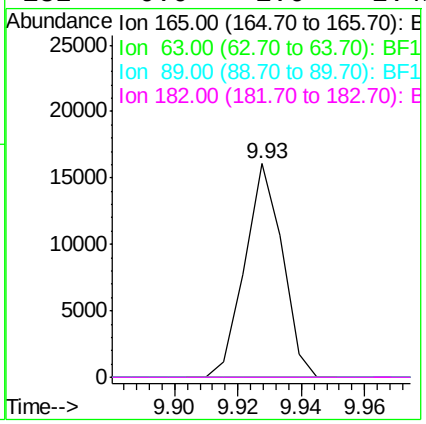


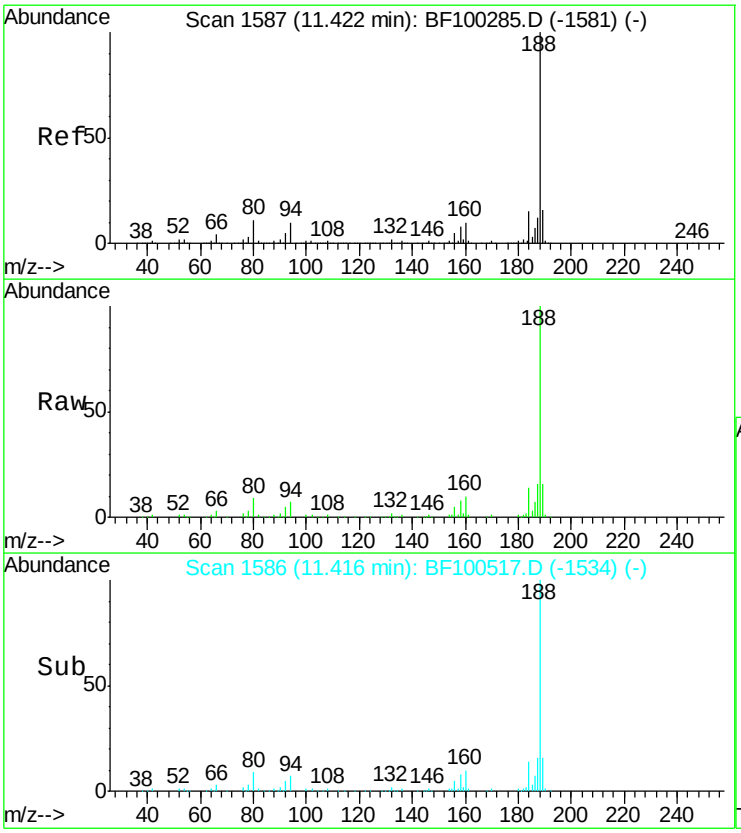
#56
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion:165 Resp: 13185

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

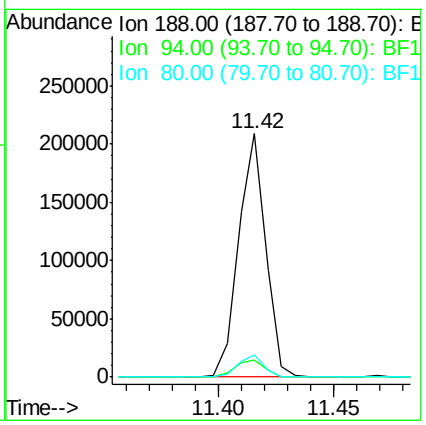


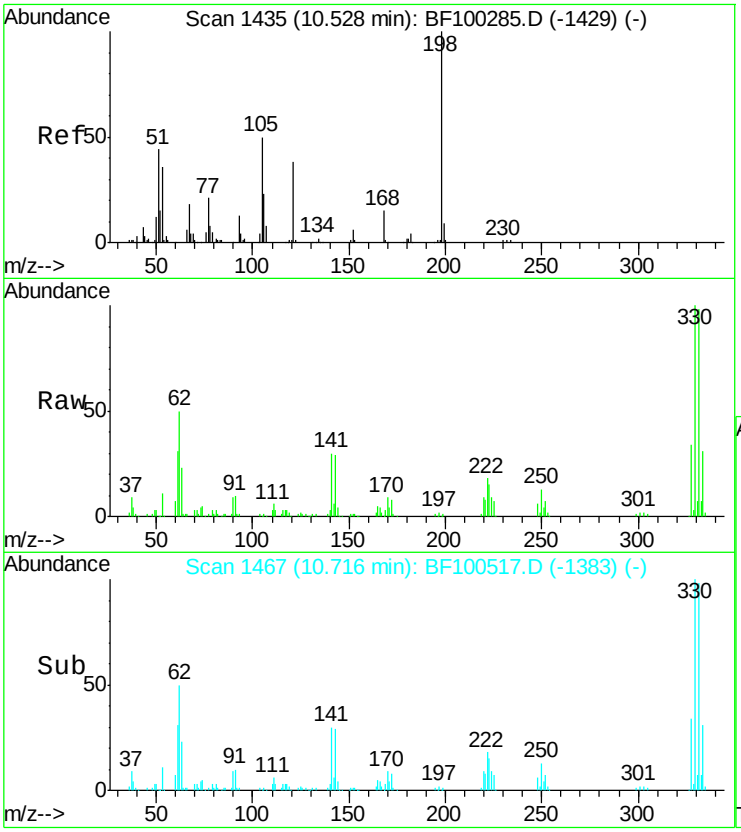


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion:188 Resp: 171210

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	8.9	9.2	13.8#



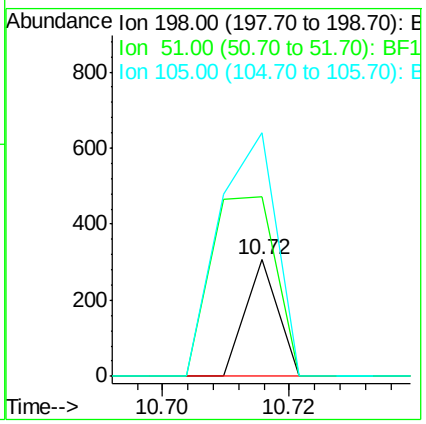


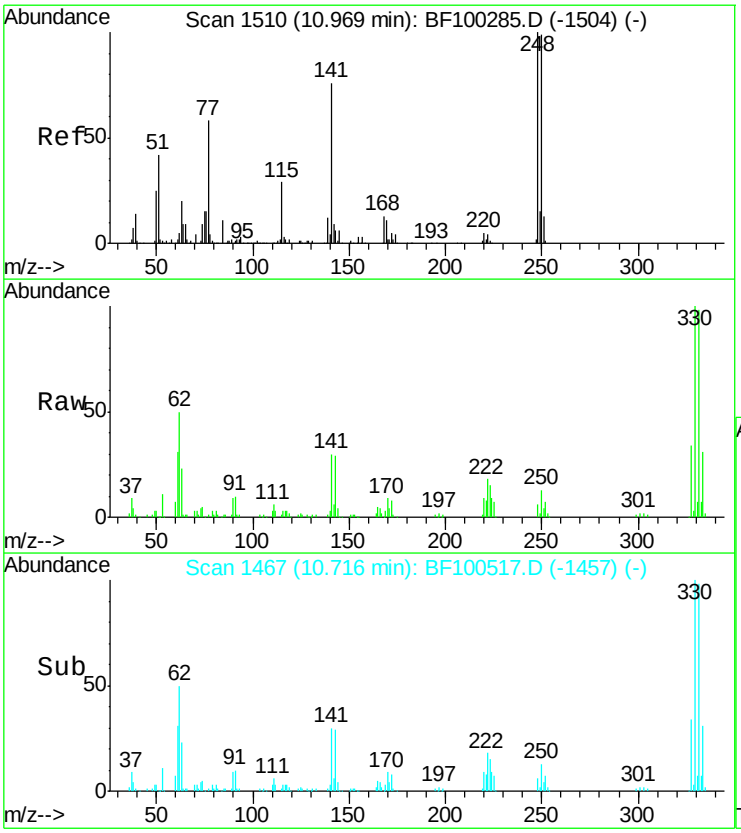
#64
4,6-Dinitro-2-methylphenol
Concen: 8.67 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	153.7	37.7	77.7#
105	208.5	36.3	76.3#

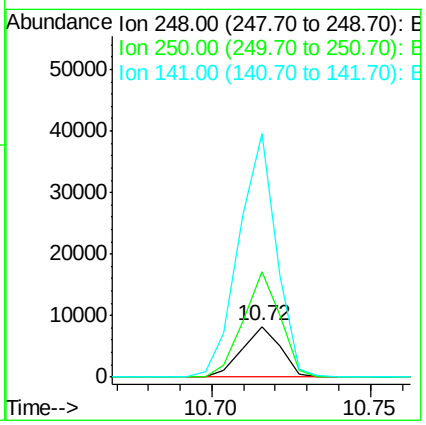


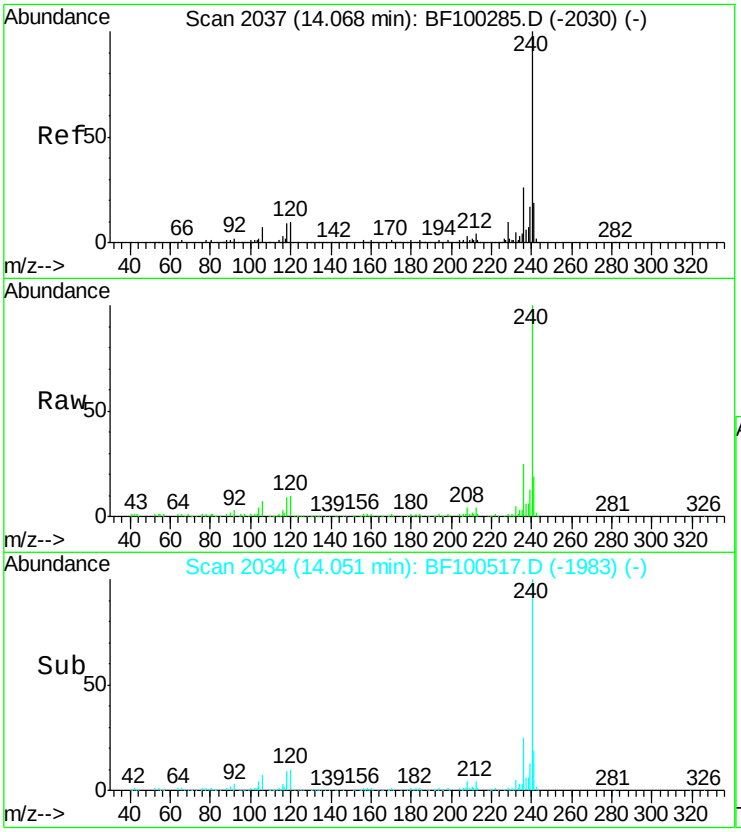


#66
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion:248 Resp: 6863

Ion	Ratio	Lower	Upper
248	100		
250	209.7	76.9	115.3#
141	483.2	74.4	111.6#



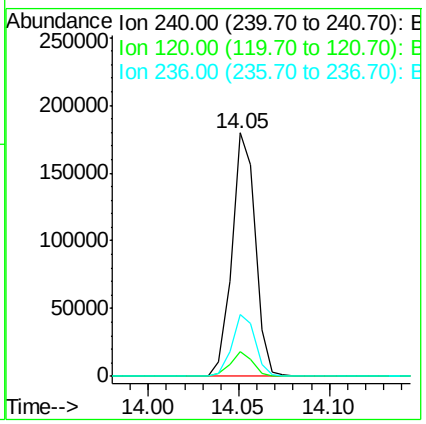


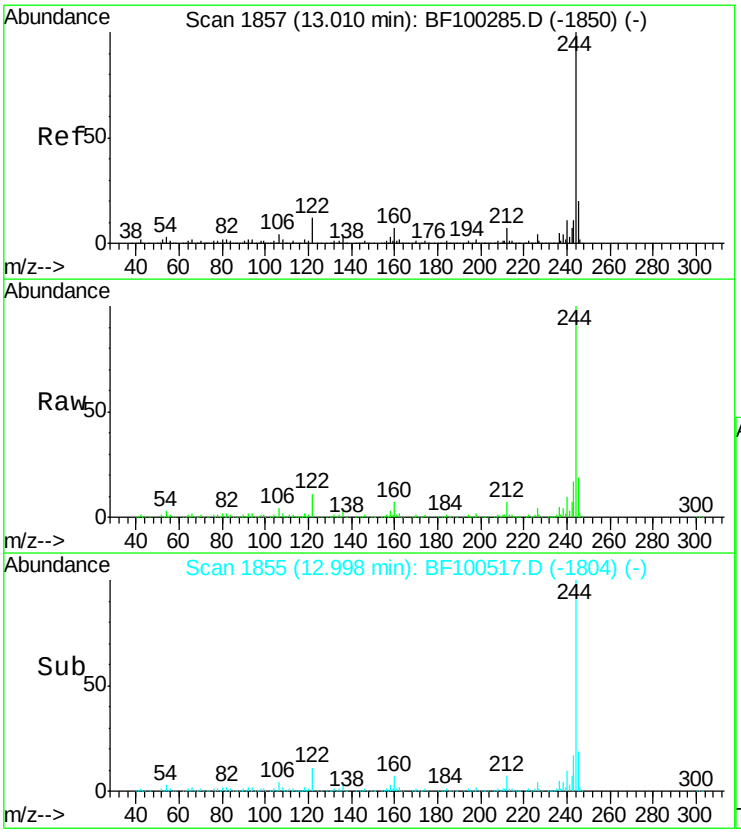
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion:240 Resp: 161522

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.2	20.7	31.1

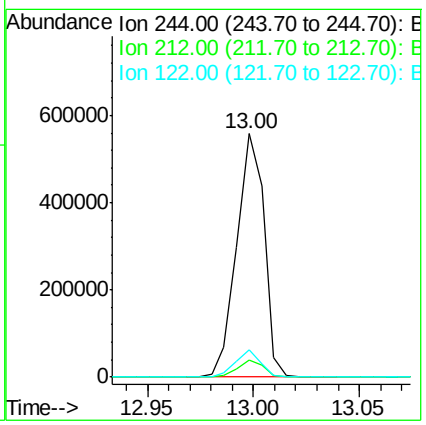


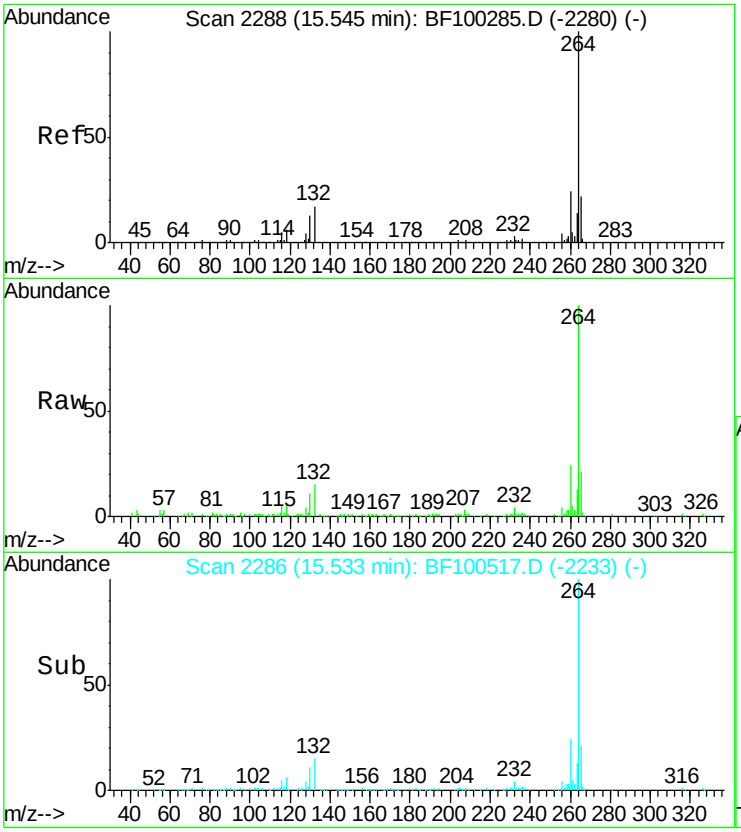


#78
Terphenyl-d14
Concen: 71.33 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Tgt Ion:244 Resp: 501444

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.2	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100517.D
Acq: 13 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
3N-6

Tgt Ion:264 Resp: 113680

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.7	17.5	26.3