Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100349.D
Acq On : 9 Nov 2017 19:14
Operator : SJ/JU
Sample : PB104087BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 10 00:25:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156309	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	632567	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	305719	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	615828	20.00	ng	0.00
75) Chrysene-d12	14.06	240	497945	20.00	ng	0.00
86) Perylene-d12	15.54	264	378860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	848229	86.99	ng	0.02
7) Phenol-d6	6.52	99	1027342	85.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	651511	68.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	290288	93.18	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1271267	63.32	ng	0.00
78) Terphenyl-d14	13.01	244	1308218	60.37	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	84162	10.093	ng	# 83
25) Isophorone	7.46	82	650903	32.373	ng	# 64
47) 2-Nitroaniline	9.26	65	2241	3.156	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	39003	8.441	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	39003	6.691	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	341	8.660	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	18589	2.816	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100349.D
Acq On : 9 Nov 2017 19:14
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Misc :
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Instrument :
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ClientSampleId :

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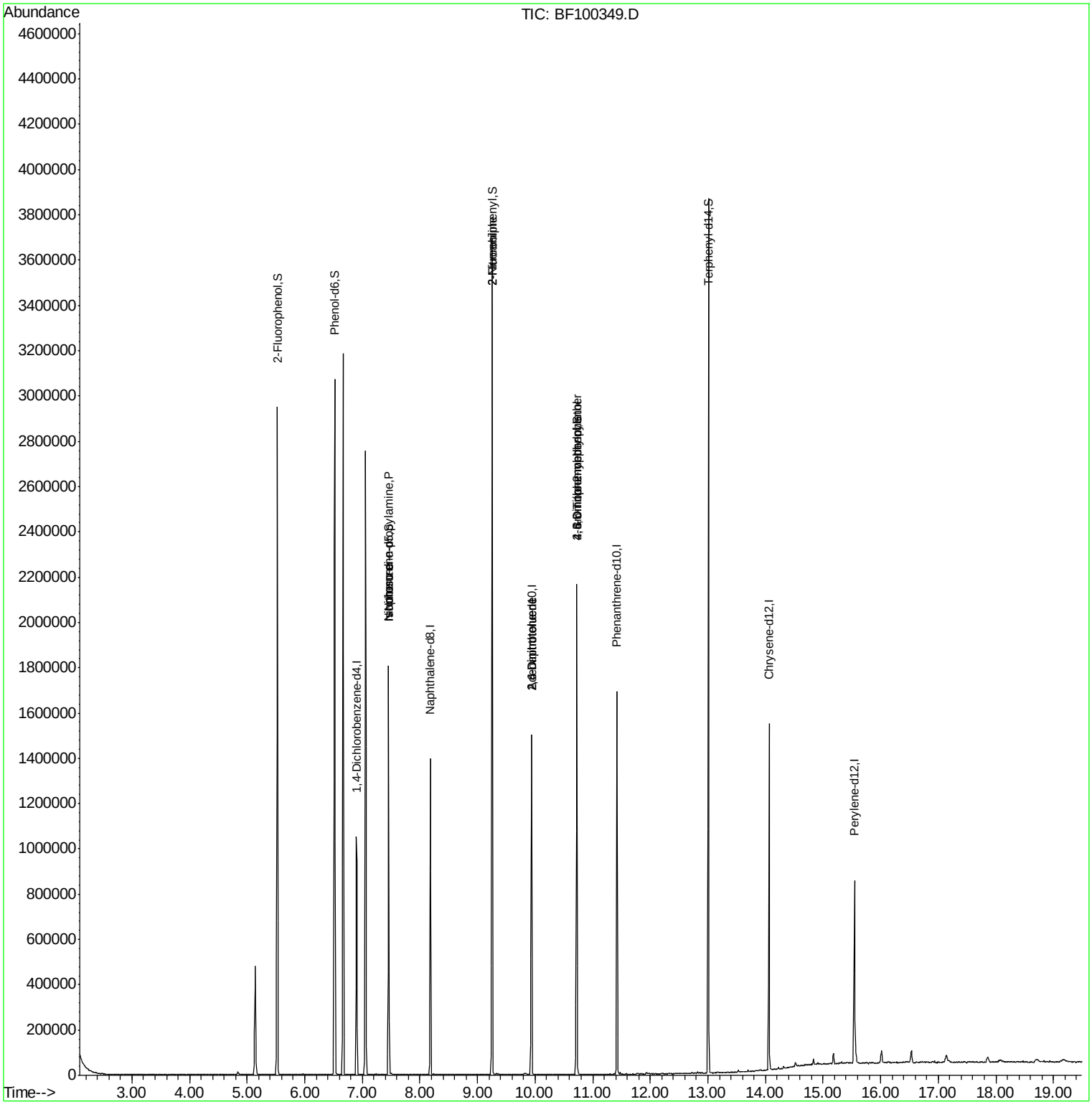
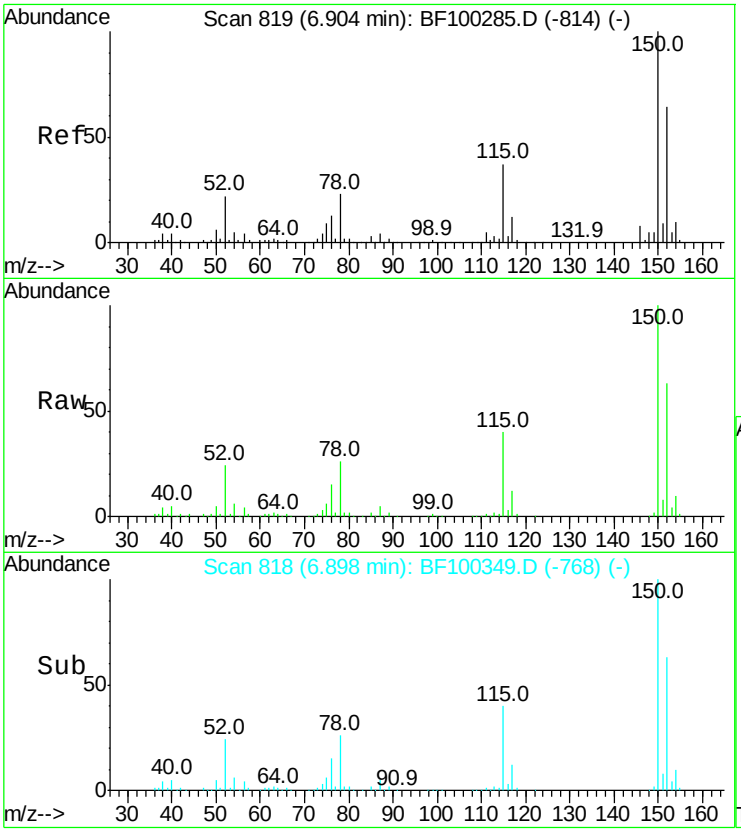


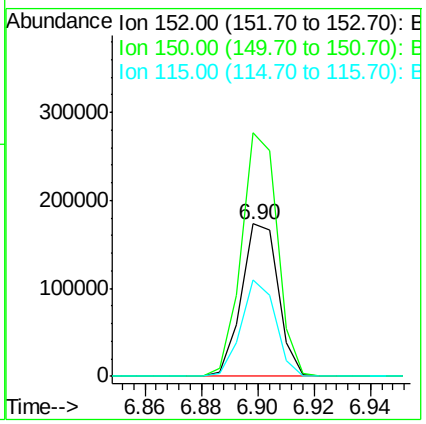


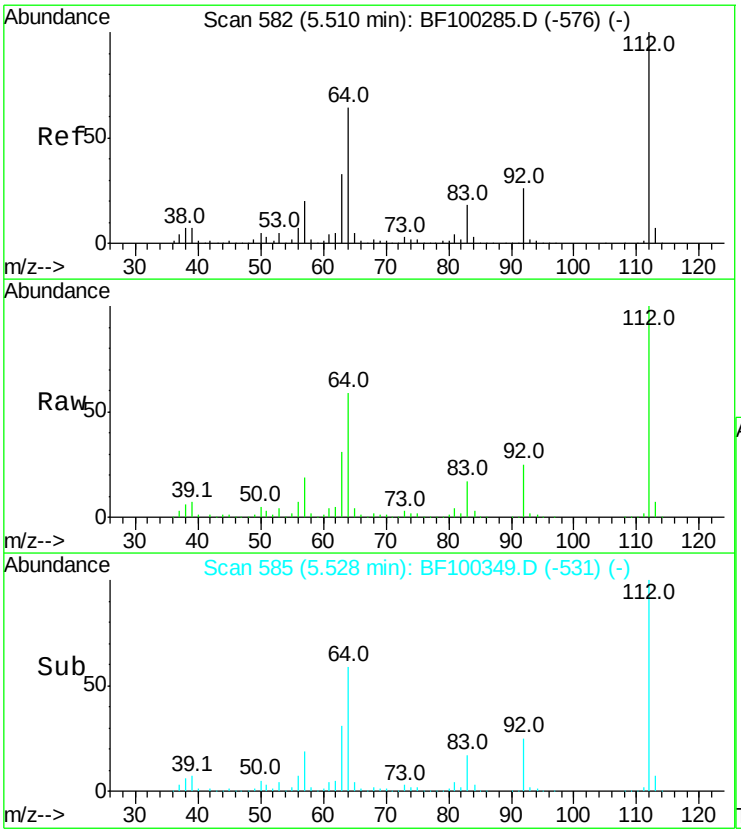
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 156309

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	63.2	50.1	75.1

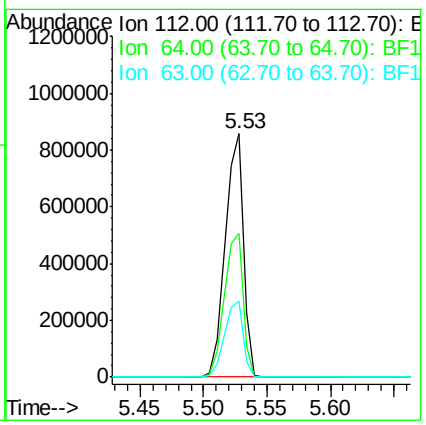


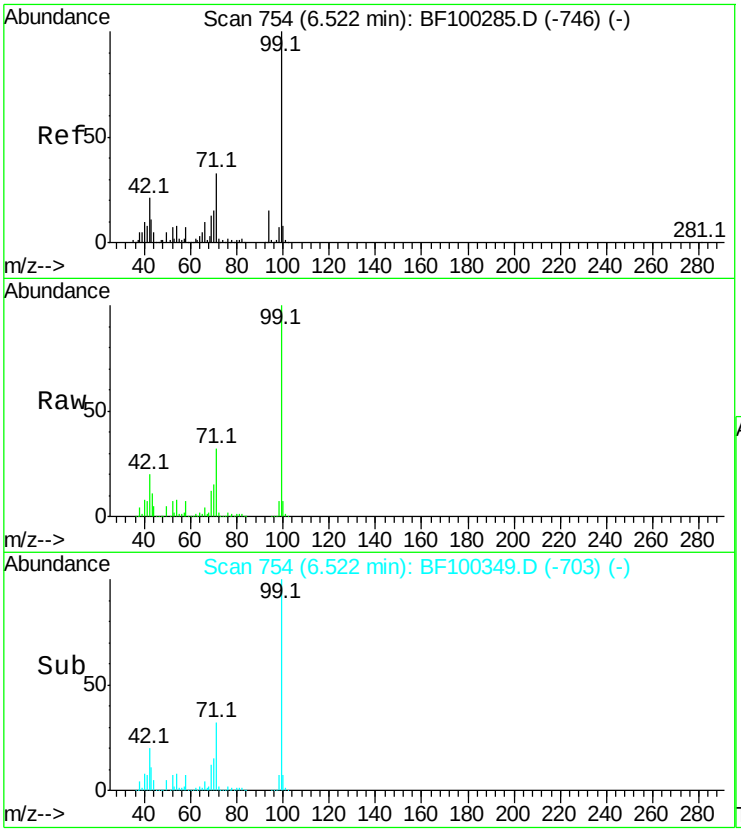


#5
2-Fluorophenol
Concen: 86.988 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion:112 Resp: 848229

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	31.1	23.7	35.5



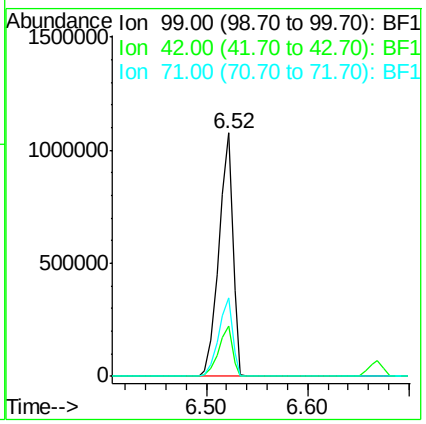


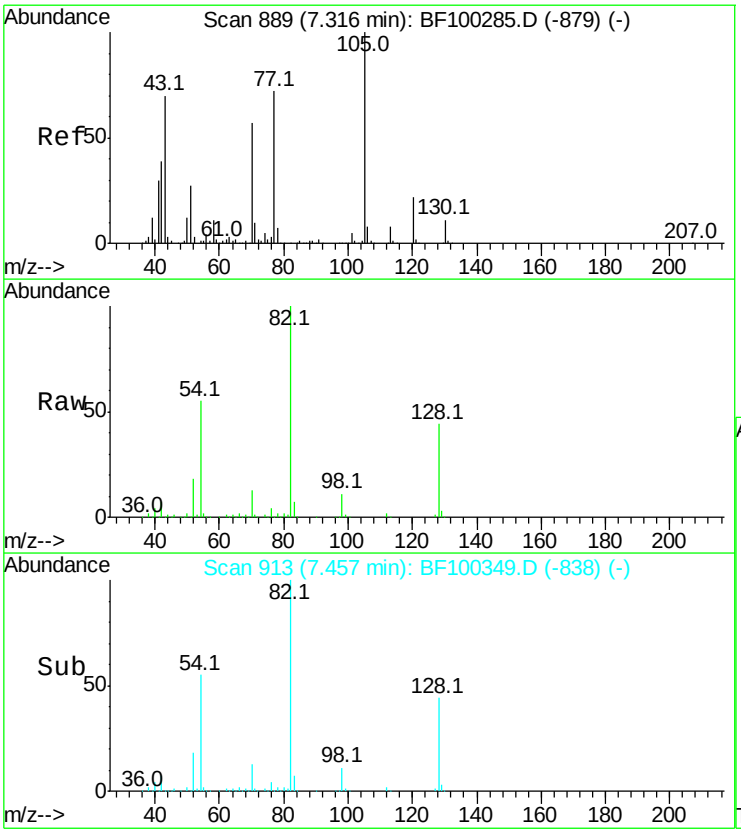
#7
Phenol-d6
Concen: 85.438 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1027342

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	32.4	25.4	38.0

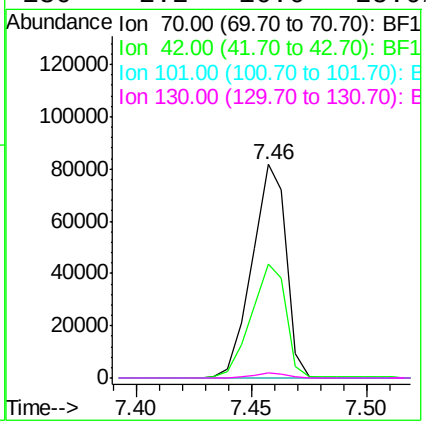


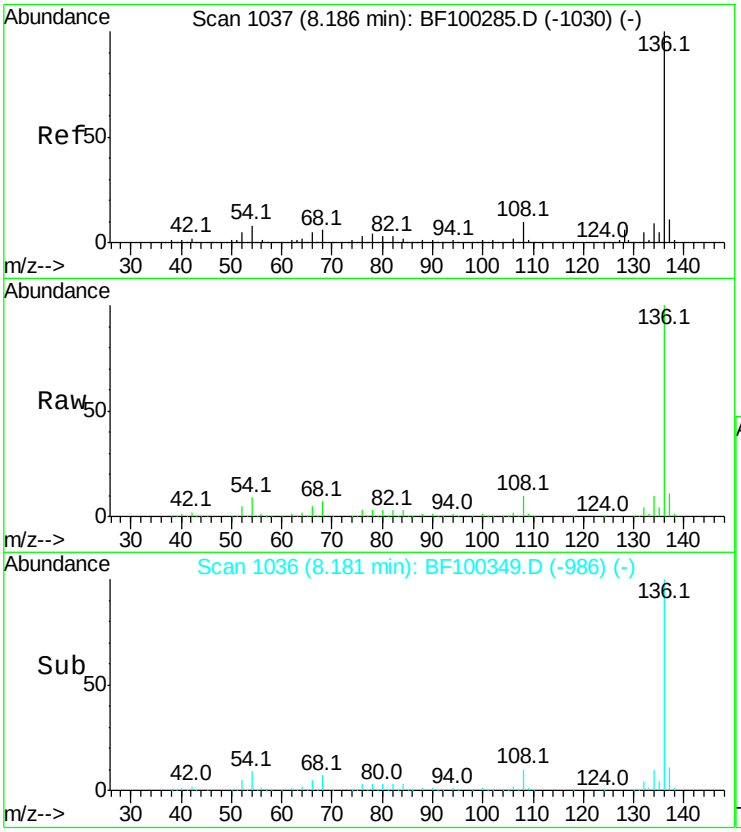


#19
n-Nitroso-di-n-propylamine
Concen: 10.093 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion: 70 Resp: 84162

Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



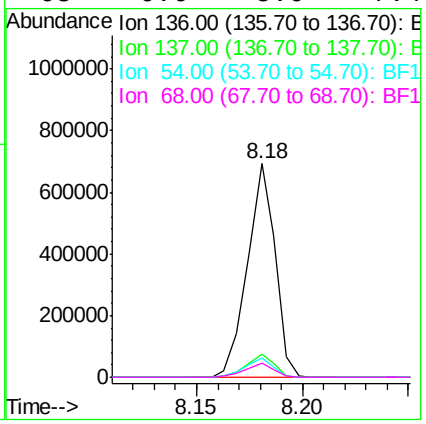


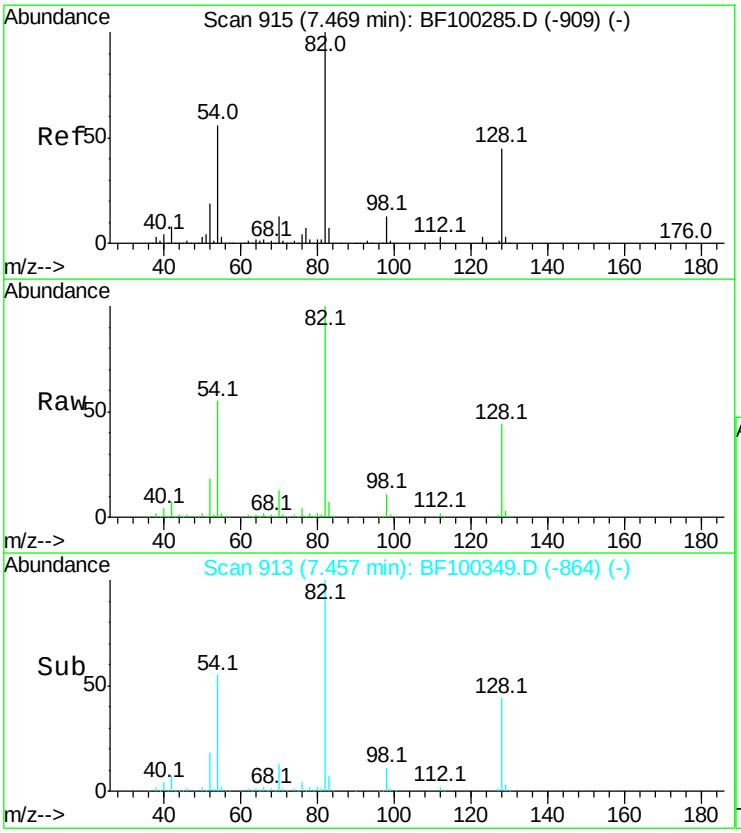
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 632567

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	6.6	9.8
68	6.6	5.0	7.4

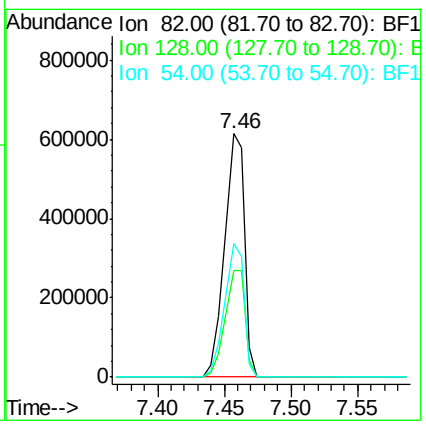


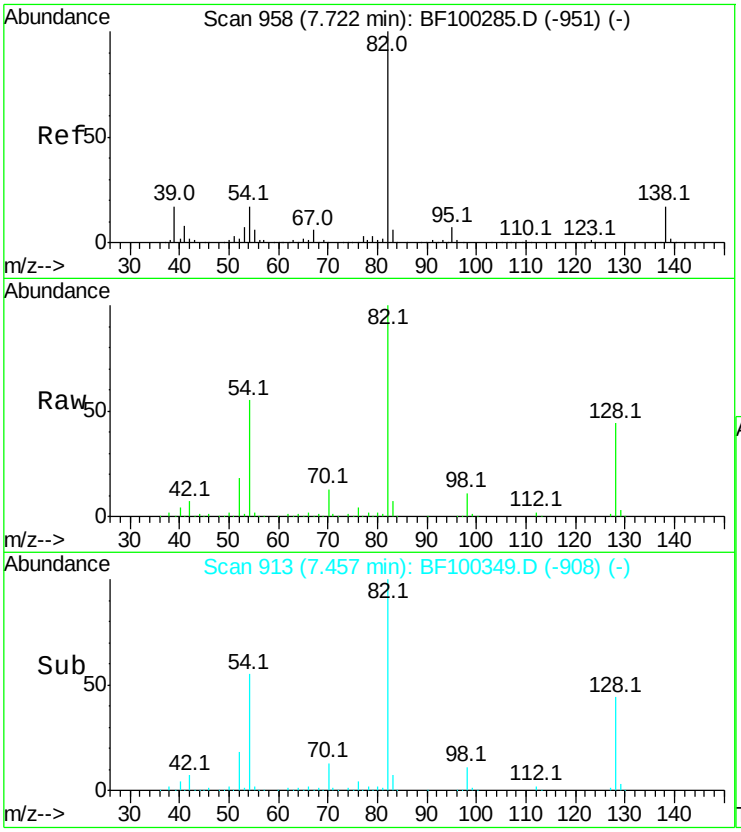


#23
Nitrobenzene-d5
Concen: 68.093 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion: 82 Resp: 651511

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	54.7	41.4	62.2



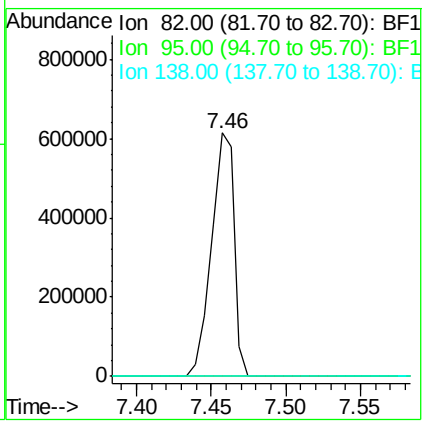


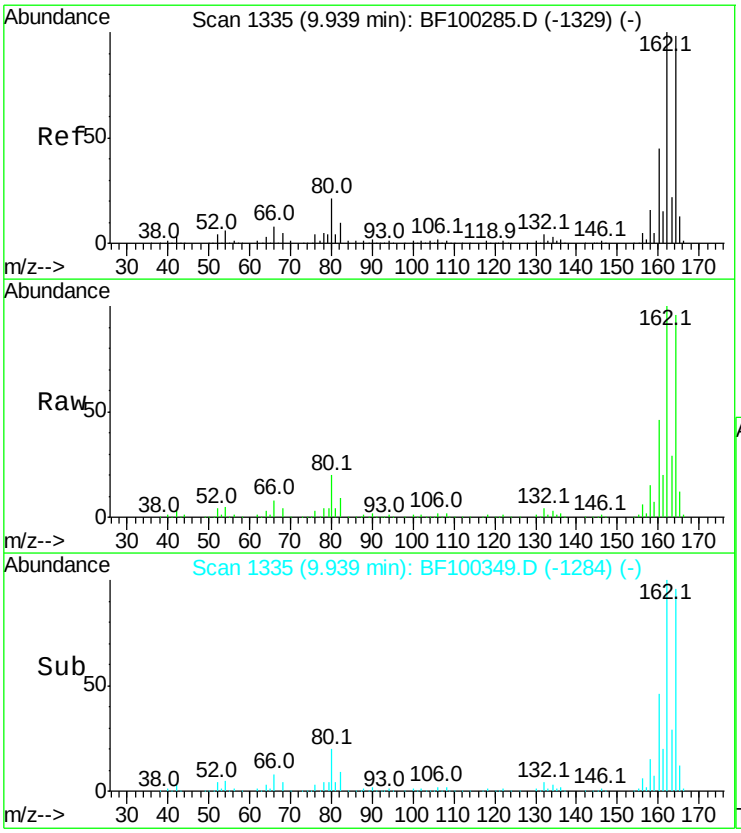
#25
Isophorone
Concen: 32.373 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.27 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 650903

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

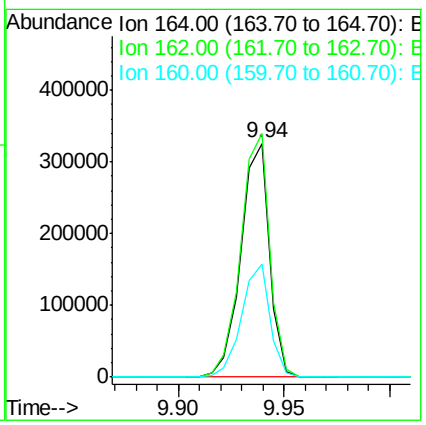


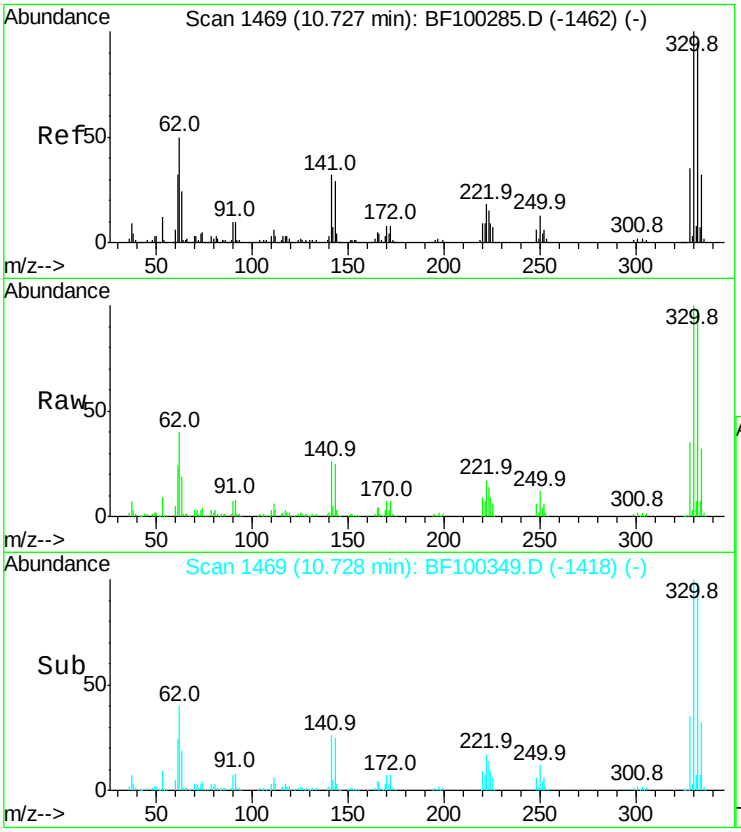


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion:164 Resp: 305719

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.2	38.3	57.5



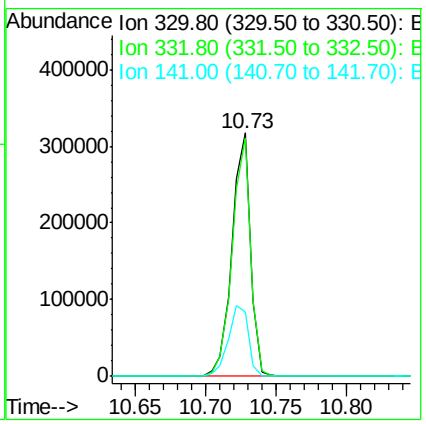


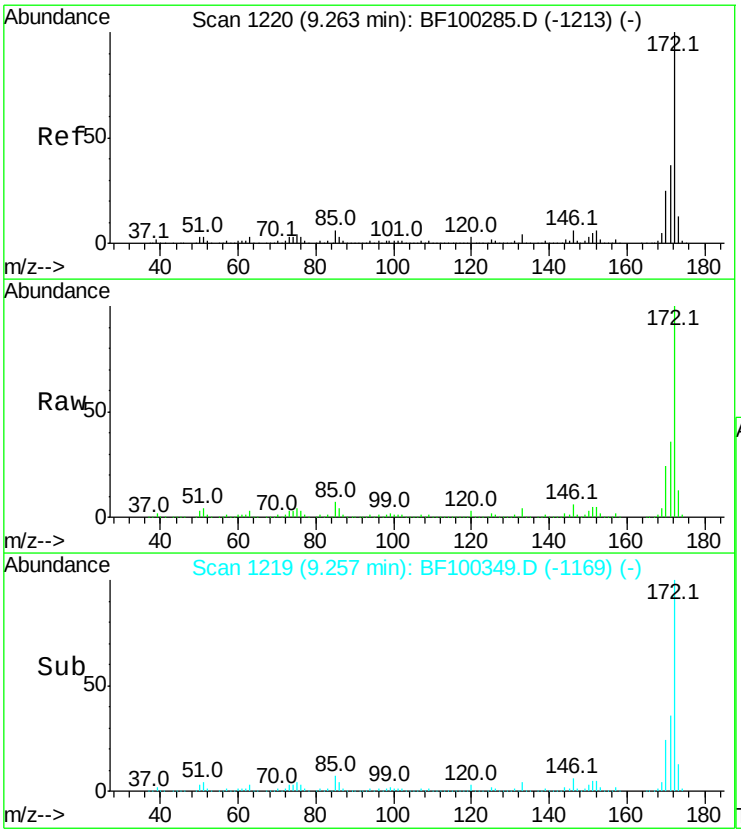
#41
2,4,6-Tribromophenol
Concen: 93.182 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 290288

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	31.4	29.9	44.9

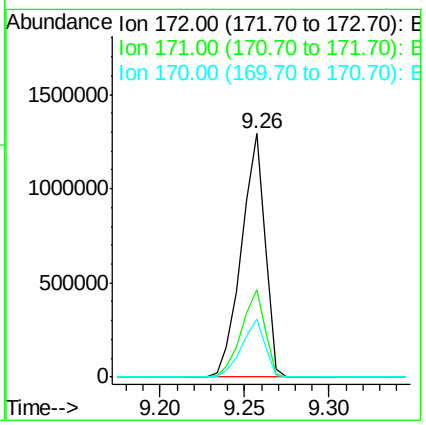


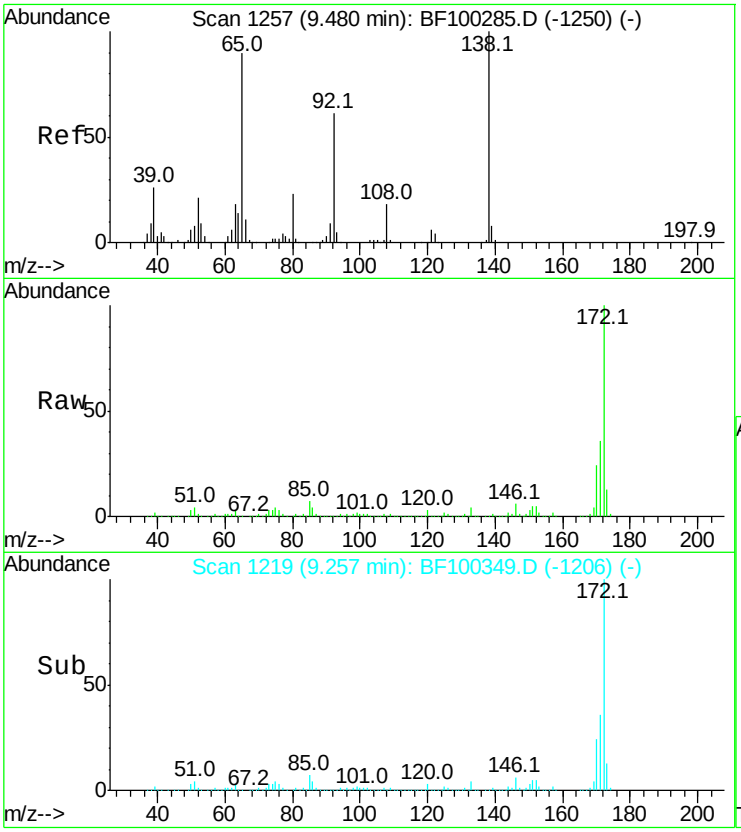


#44
2-Fluorobiphenyl
Concen: 63.319 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion:172 Resp: 1271267

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4



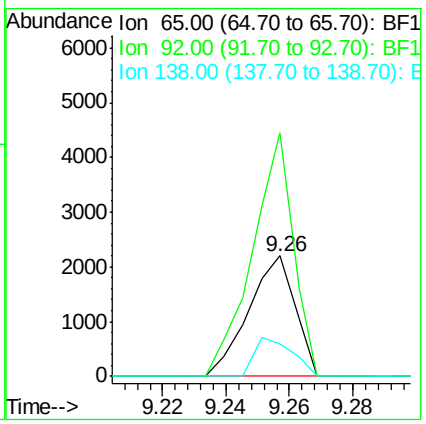


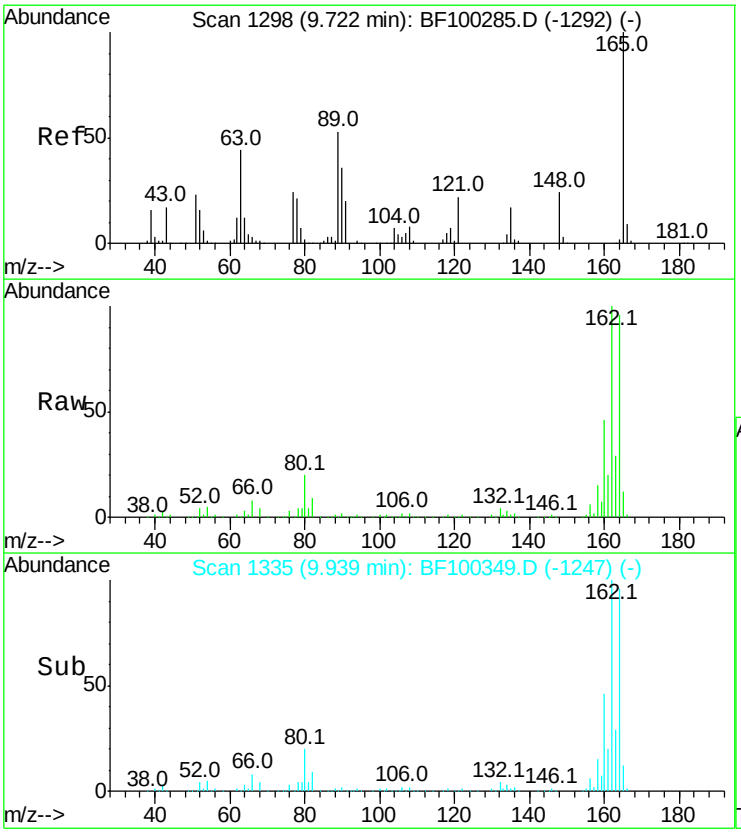
#47
2-Nitroaniline
Concen: 3.156 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2241

Ion	Ratio	Lower	Upper
65	100		
92	201.9	55.8	83.6#
138	27.0	91.2	136.8#

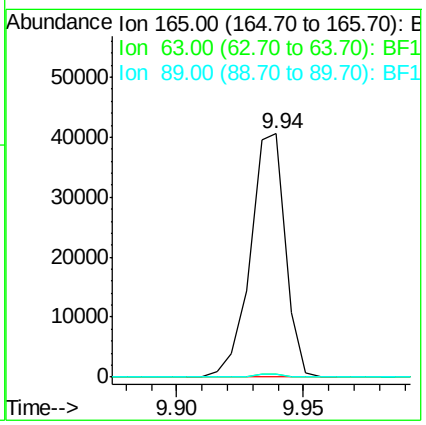


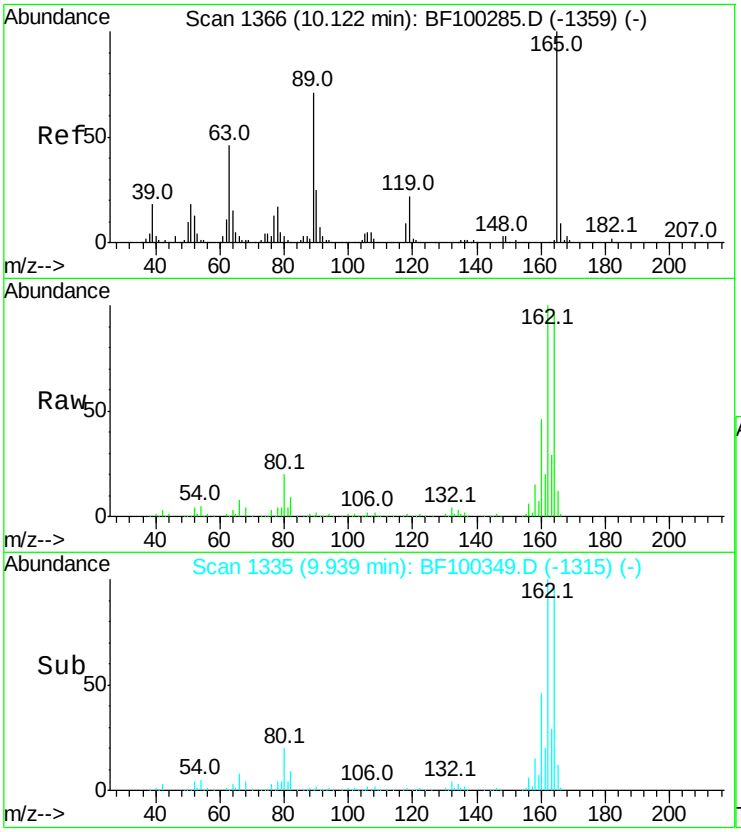


#50
2,6-Dinitrotoluene
Concen: 8.441 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion:165 Resp: 39003

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.4	44.0	66.0#



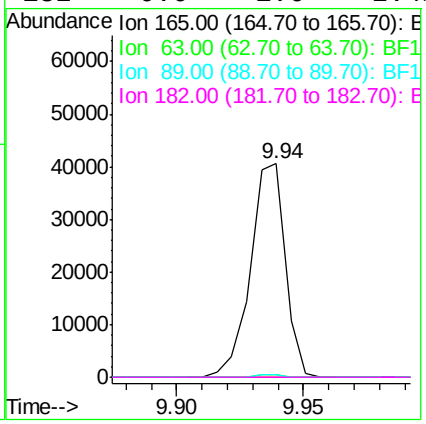


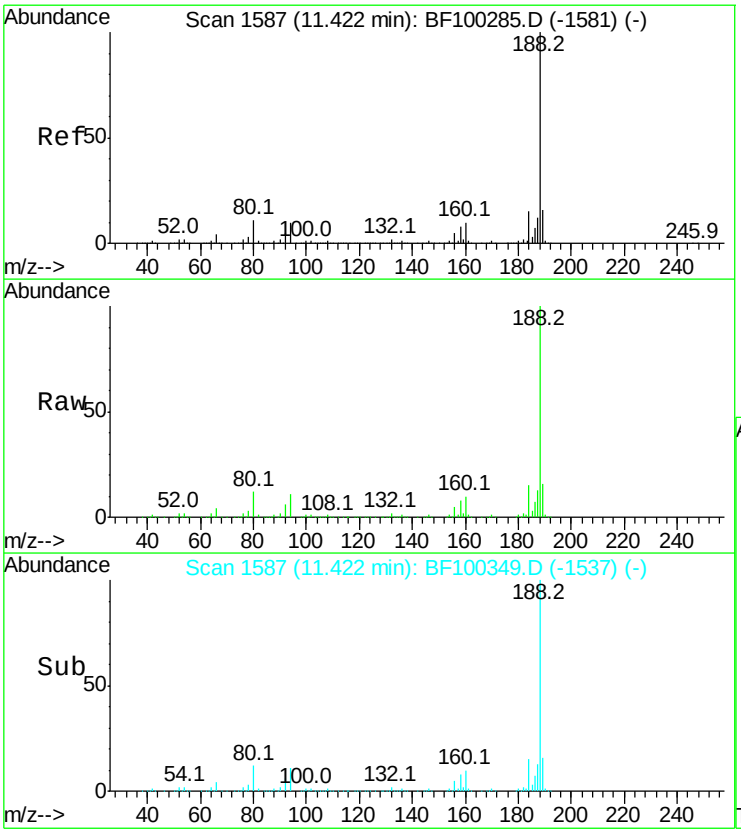
#56
2,4-Dinitrotoluene
Concen: 6.691 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39003

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

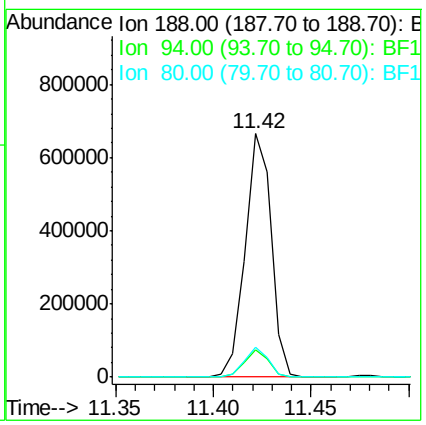


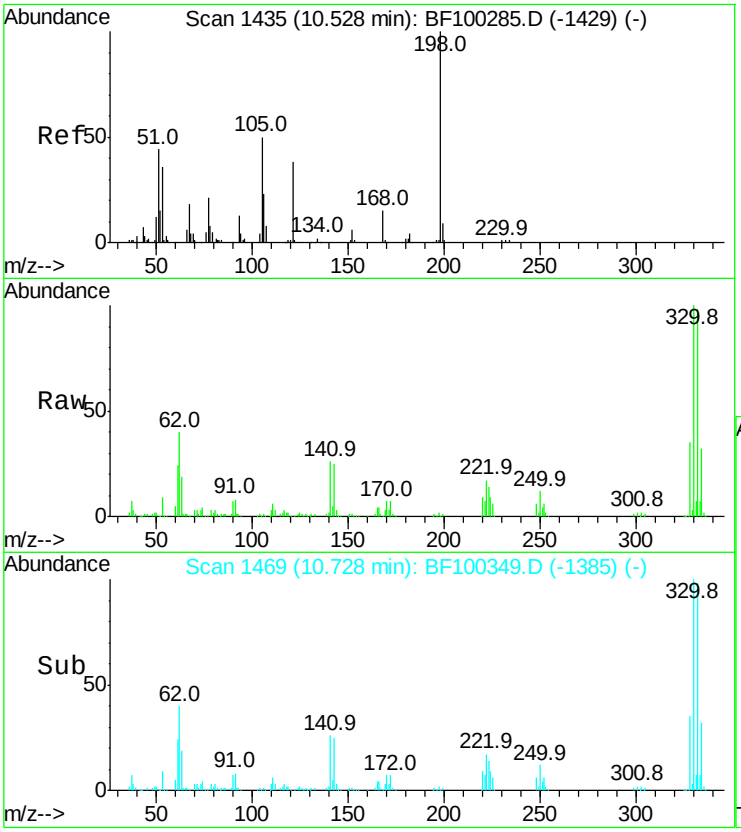


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion:188 Resp: 615828

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.0	9.2	13.8



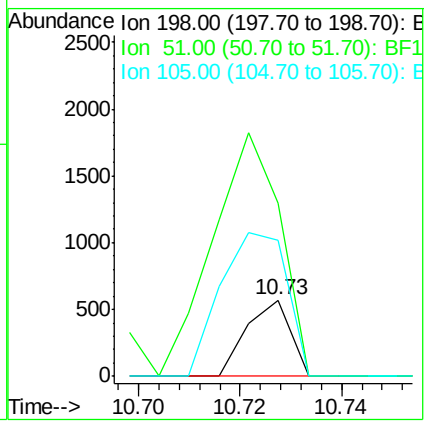


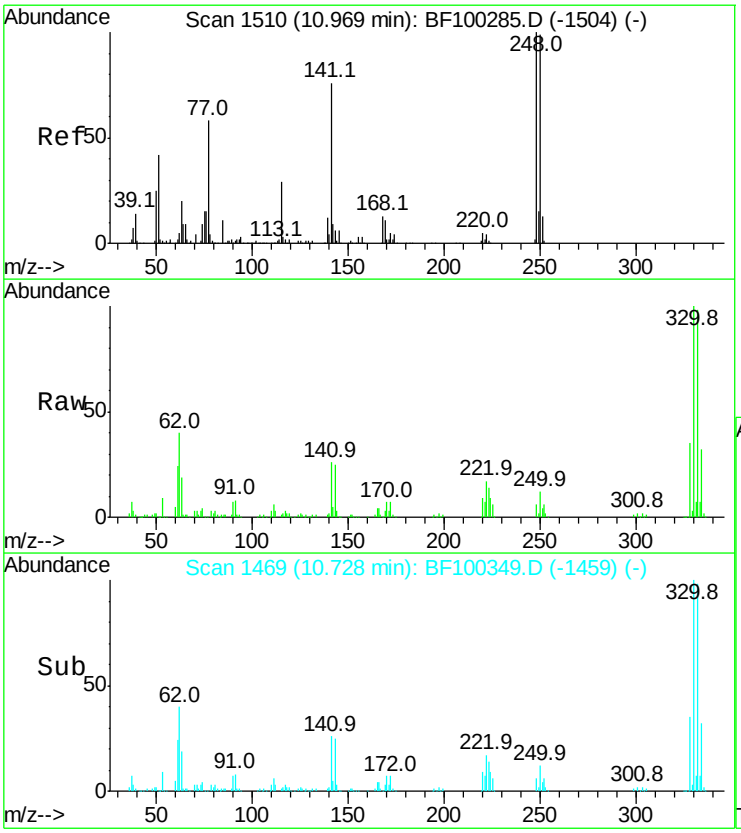
#64
4,6-Dinitro-2-methylphenol
Concen: 8.660 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 341

Ion	Ratio	Lower	Upper
198	100		
51	226.6	37.7	77.7#
105	178.1	36.3	76.3#

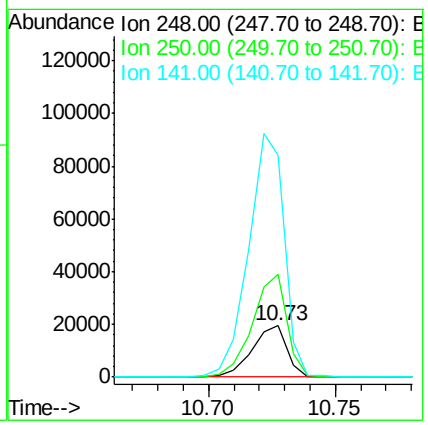


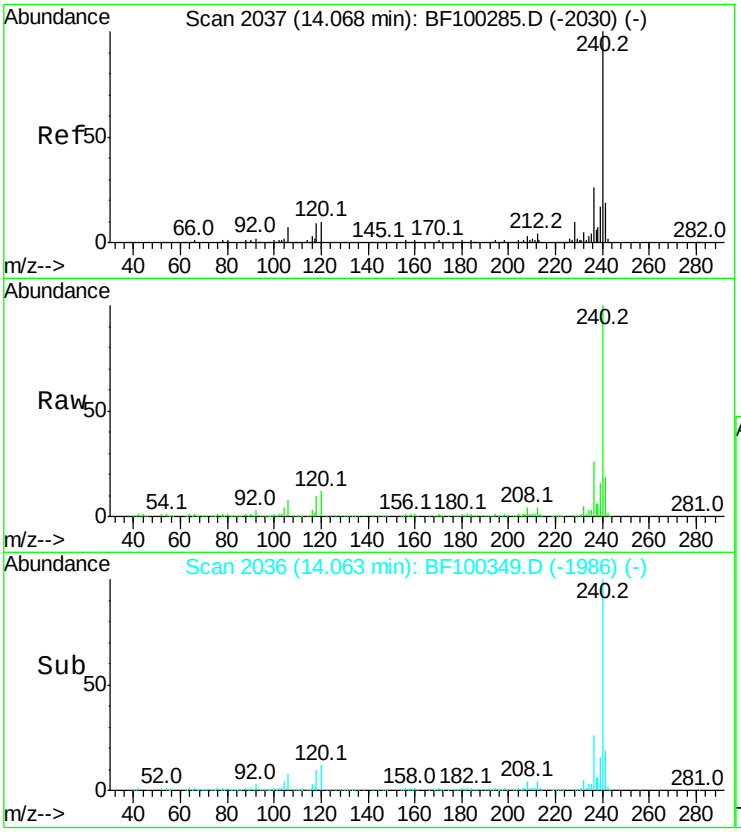


#66
4-Bromophenyl-phenylether
Concen: 2.816 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion:248 Resp: 18589

Ion	Ratio	Lower	Upper
248	100		
250	201.5	76.9	115.3#
141	432.6	74.4	111.6#



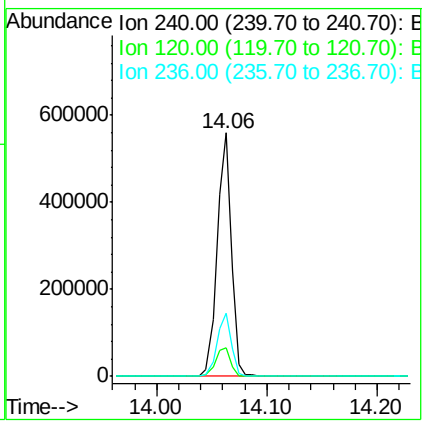


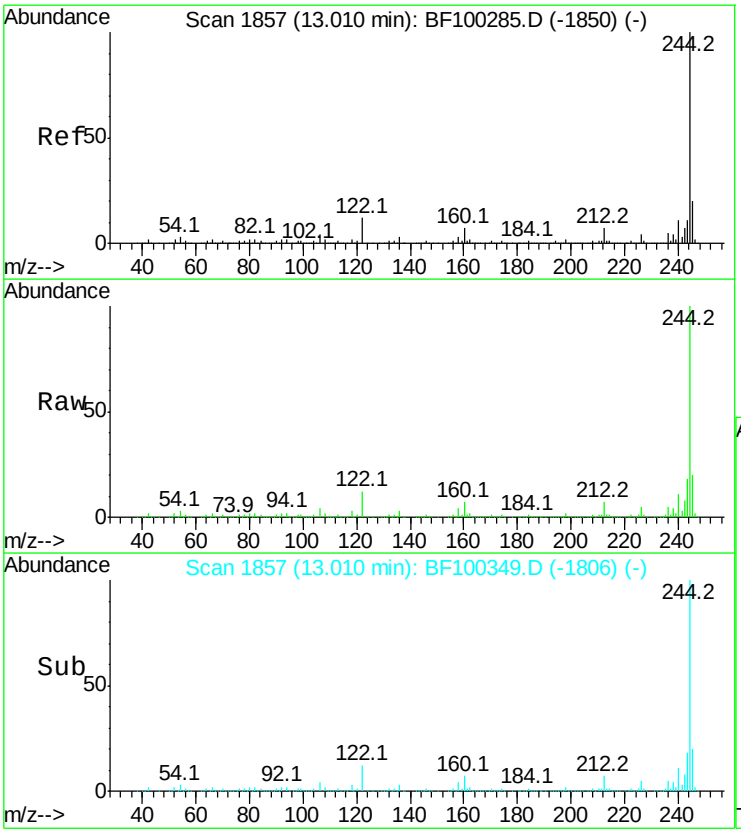
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 497945

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.1	20.7	31.1

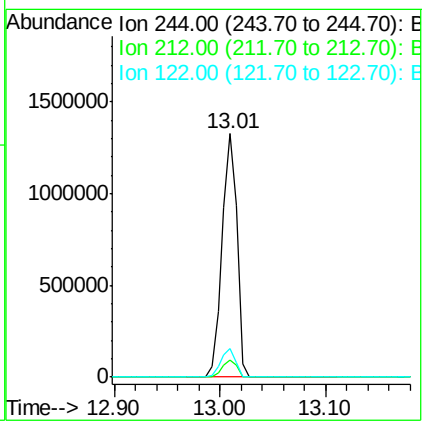


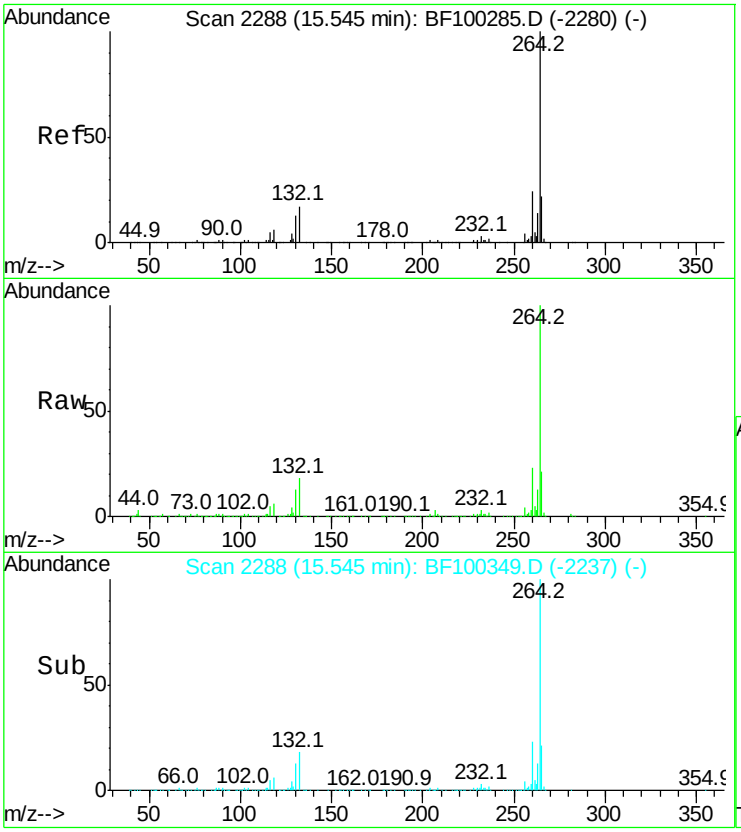


#78
Terphenyl-d14
Concen: 60.366 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion:244 Resp: 1308218

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 378860

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3