Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100527.D
Acq On : 14 Nov 2017 6:20
Operator : SJ/JU
Sample : I6441-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 14 08:42:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 02:37:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	124575	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	446467	20.00	ng		-0.01
38) Acenaphthene-d10	9.93	164	168039	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	276003	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	267831	20.00	ng		-0.02
86) Perylene-d12	15.53	264	194027	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	935391	120.36	ng		0.02
7) Phenol-d6	6.52	99	956717	99.83	ng		0.00
23) Nitrobenzene-d5	7.45	82	801551	118.69	ng		-0.02
41) 2,4,6-Tribromophenol	10.72	330	237683	138.81	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	1319097	119.53	ng		-0.02
78) Terphenyl-d14	13.00	244	1034245	88.73	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	104967	15.79	ng	#	83
25) Isophorone	7.45	82	801543	56.48	ng	#	64
26) 2-Nitrophenol	7.55	139	131	5.41	ng	#	34
31) Naphthalene	8.19	128	879388	40.89	ng		99
32) Benzoic acid	7.87	122	112	9.39	ng	#	1
33) 4-Chloroaniline	8.19	127	118649	13.26	ng	#	34
37) 2-Methylnaphthalene	8.88	142	67063	4.70	ng		97
47) 2-Nitroaniline	9.25	65	2008	3.39	ng	#	2
50) 2,6-Dinitrotoluene	9.93	165	22065	8.69	ng	#	25
51) Acenaphthene	9.96	154	21832	2.05	ng		97
55) 4-Nitrophenol	10.13	139	9200	3.78	ng	#	10
56) 2,4-Dinitrotoluene	9.93	165	22065	6.89	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.72	198	482	8.85	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	14534	4.91	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100527.D
Acq On : 14 Nov 2017 6:20
Operator : SJ/JU
Sample : I6441-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 14 08:42:29 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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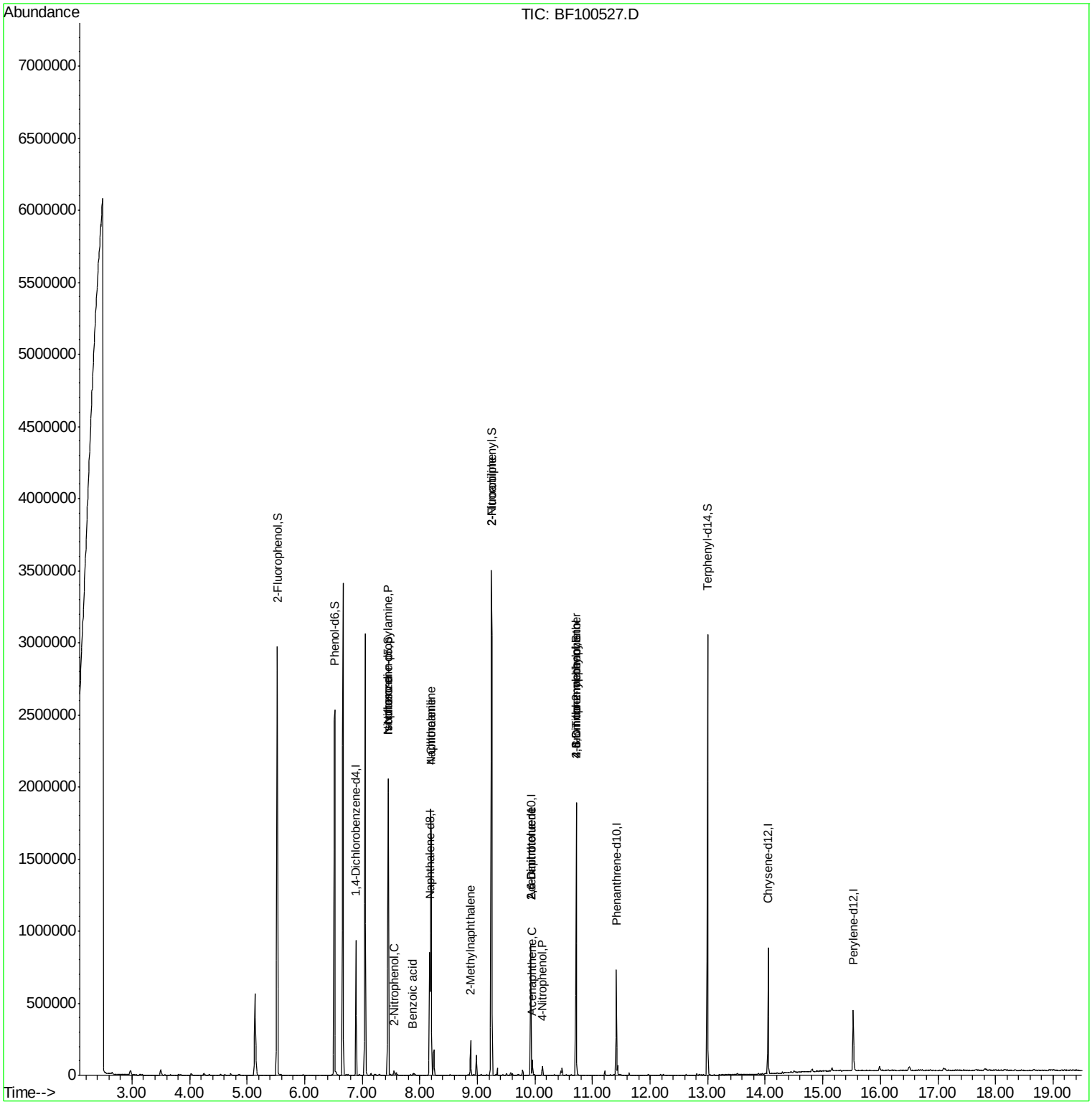
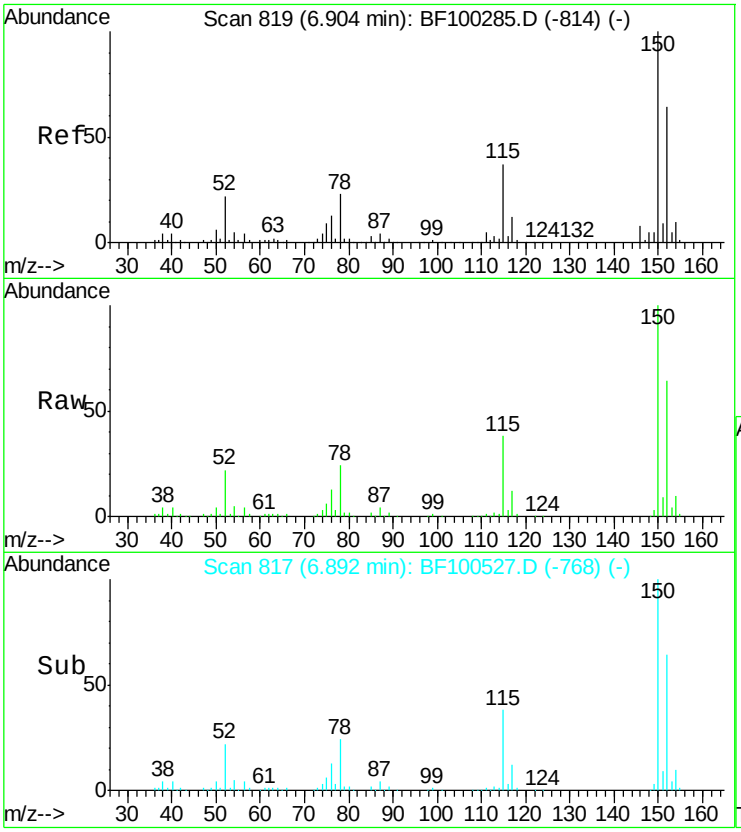


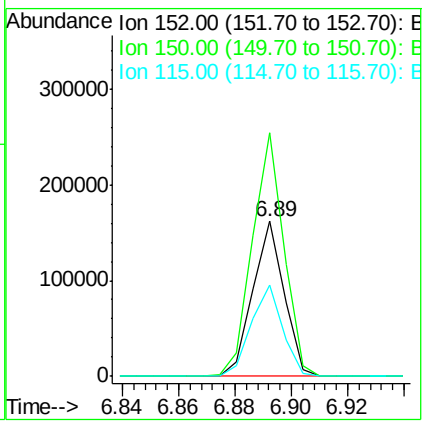


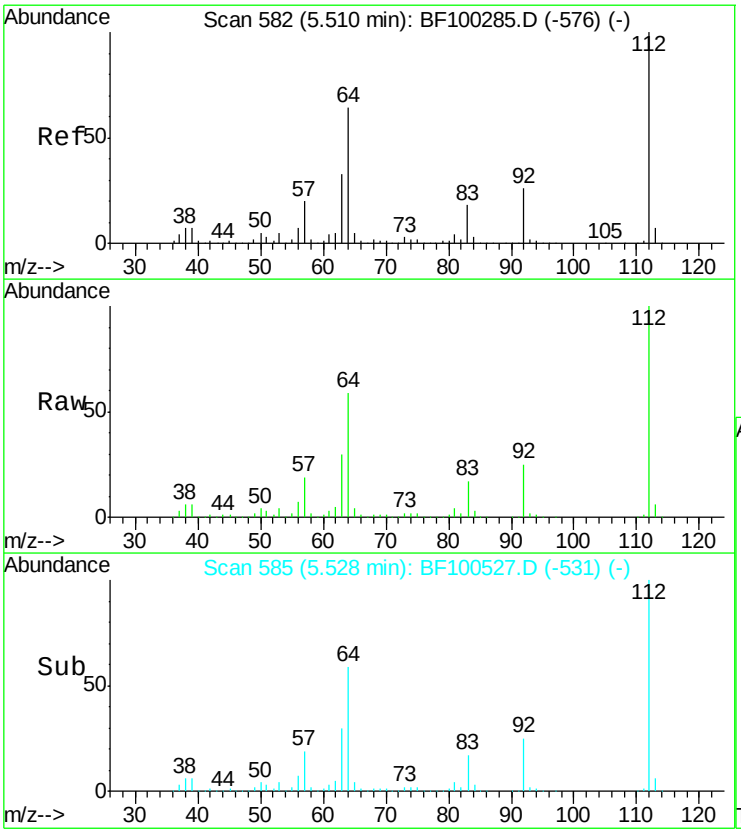
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124575

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	58.9	50.1	75.1

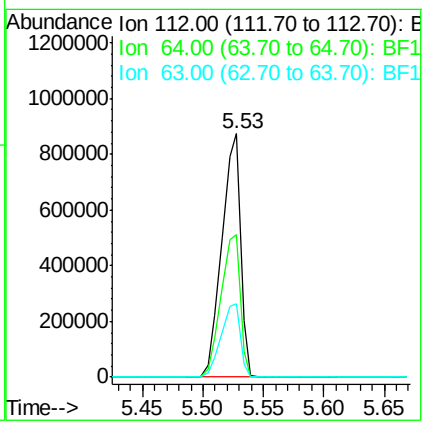


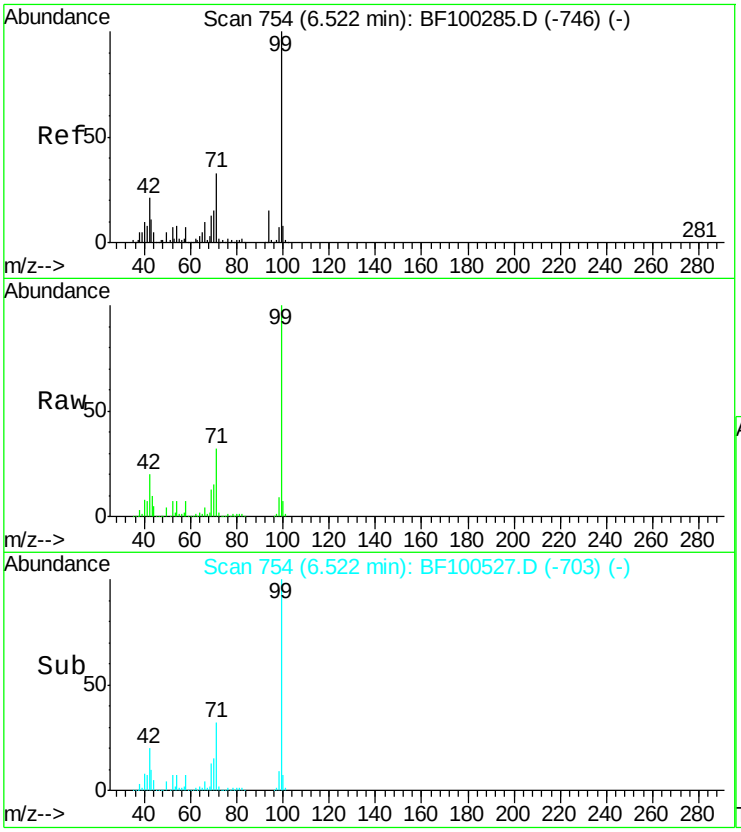


#5
2-Fluorophenol
Concen: 120.36 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:112 Resp: 935391

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	30.2	23.7	35.5



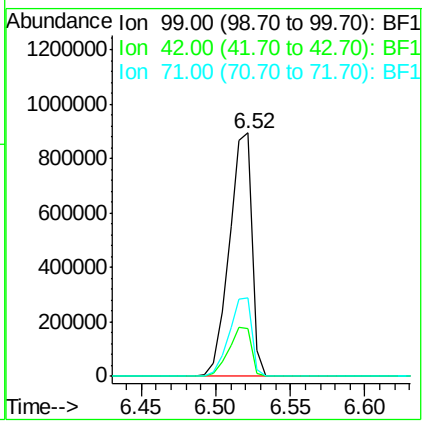


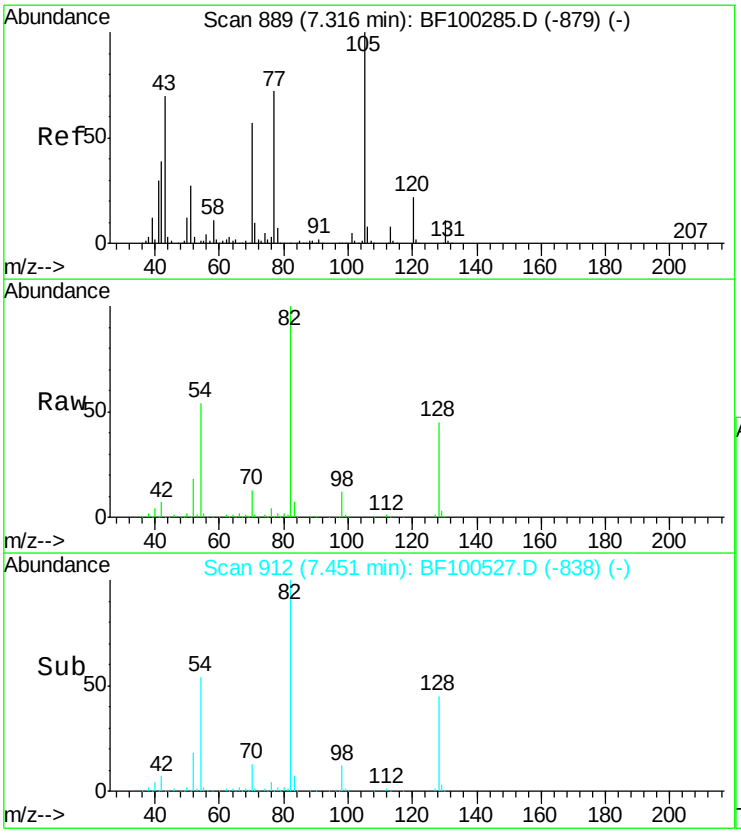
#7
Phenol-d6
Concen: 99.83 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 956717

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.2	25.4	38.0

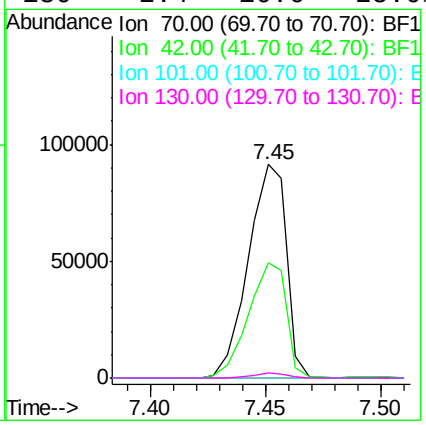


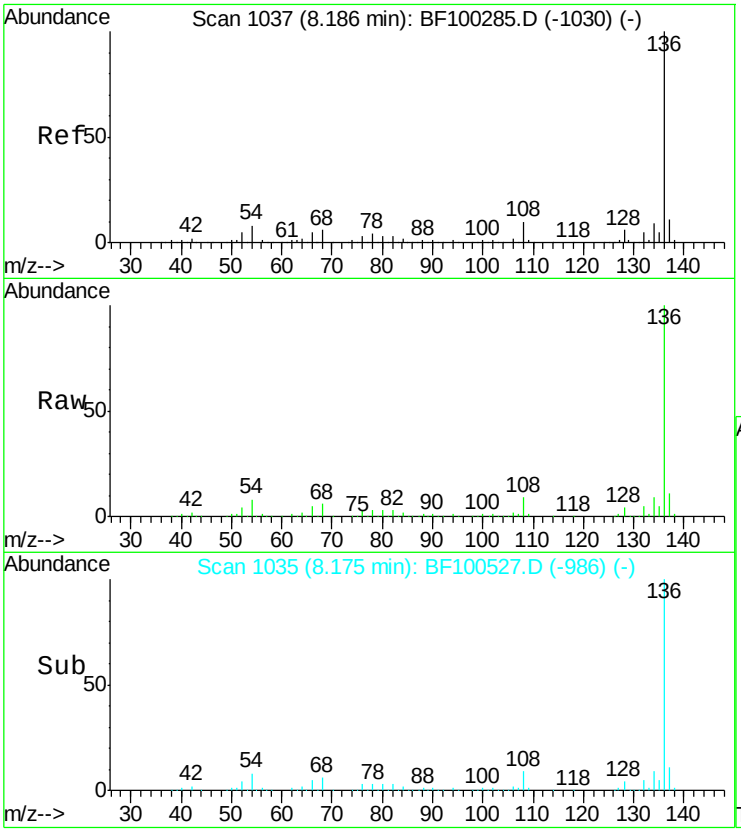


#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion: 70 Resp: 104967

Ion	Ratio	Lower	Upper
70	100		
42	54.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



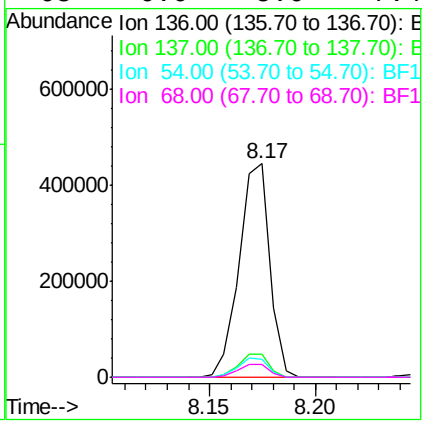


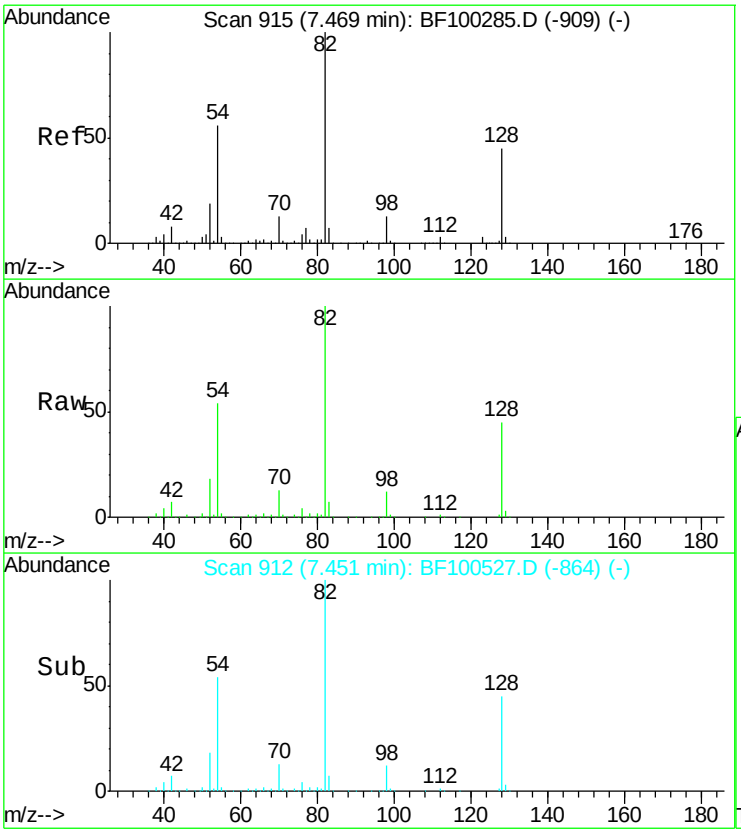
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 446467

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

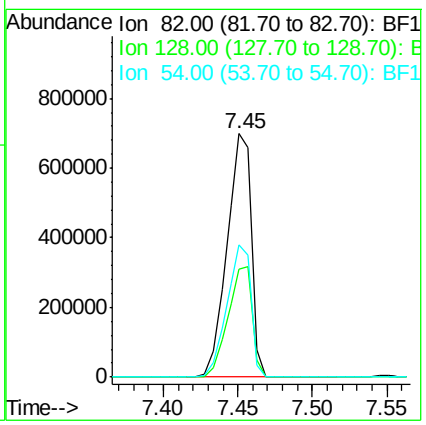


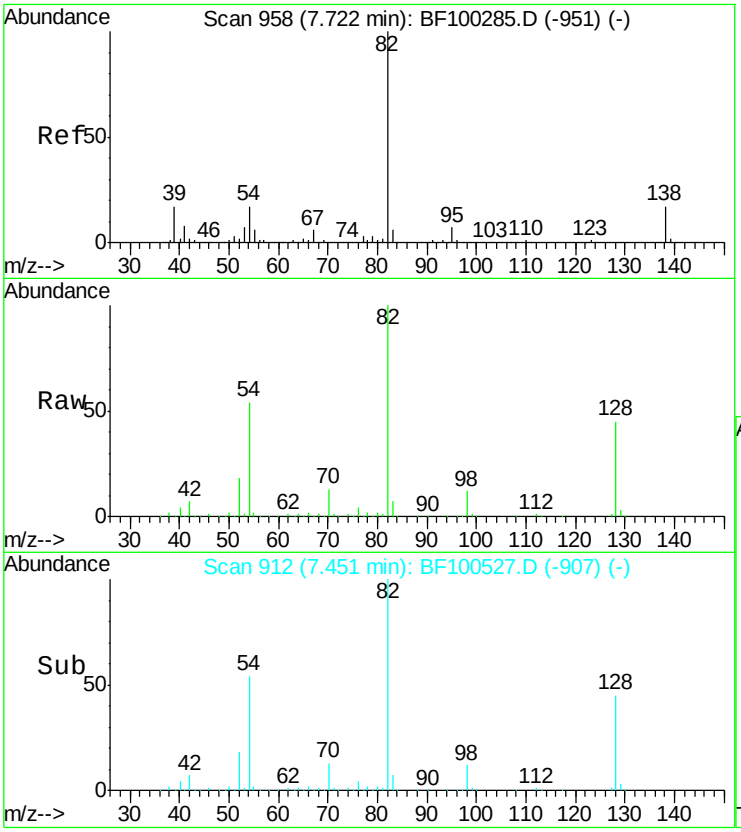


#23
Nitrobenzene-d5
Concen: 118.69 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion: 82 Resp: 801551

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	54.4	41.4	62.2



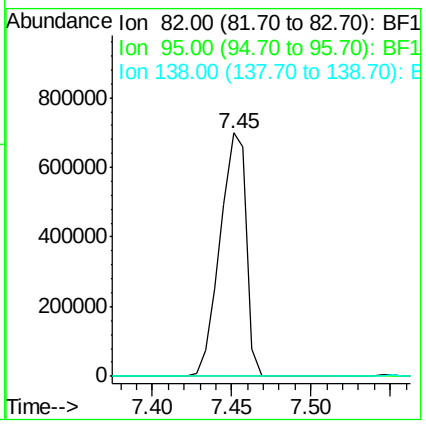


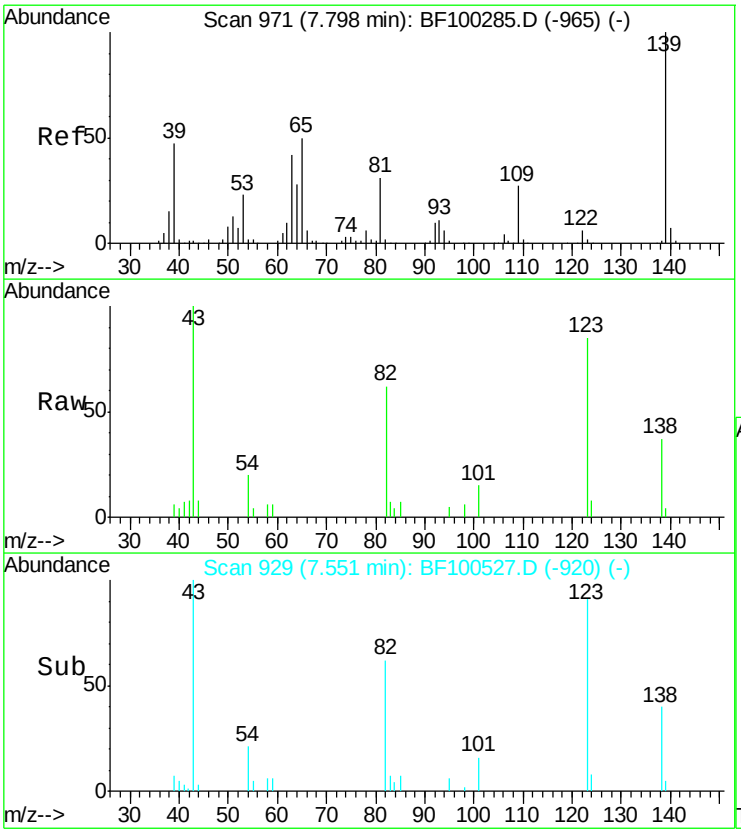
#25
Isophorone
Concen: 56.48 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 801543

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

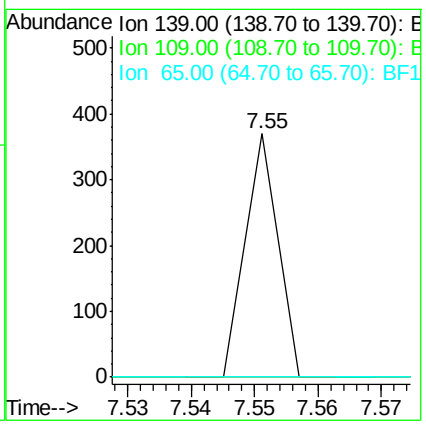


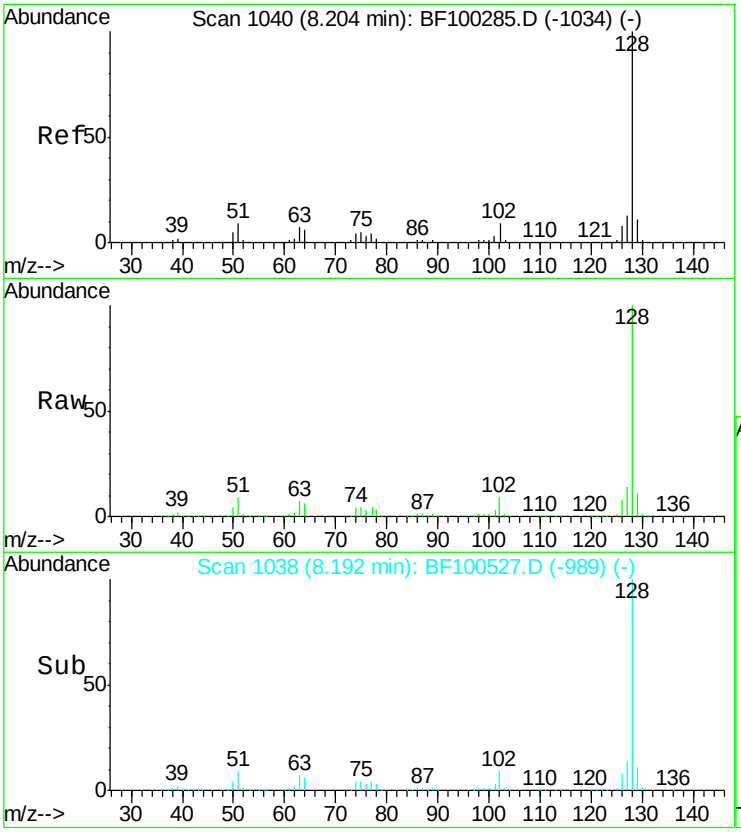


#26
2-Nitrophenol
Concen: 5.41 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.25 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:139 Resp: 131

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	40.5	60.7#



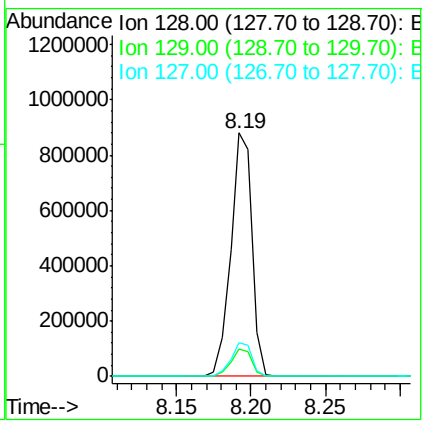


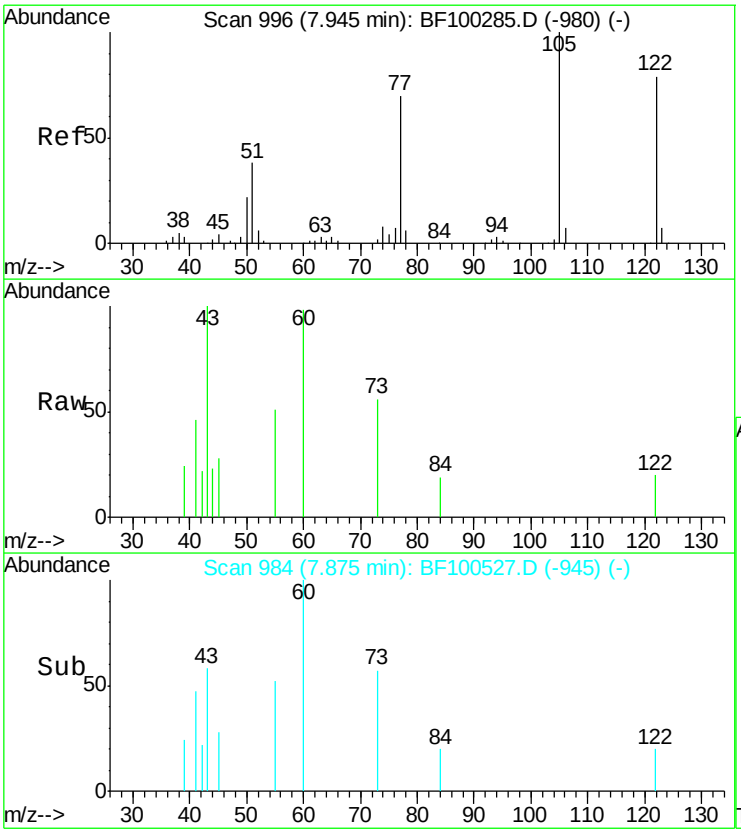
#31
Naphthalene
Concen: 40.89 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 879388

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.0	10.9	16.3

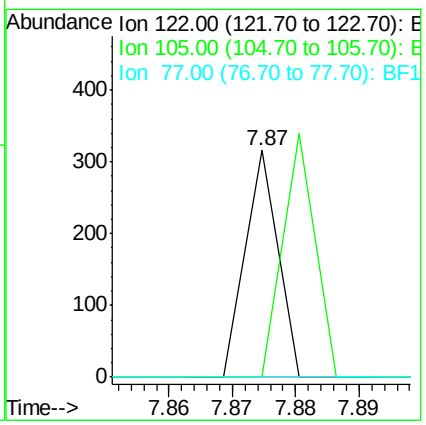


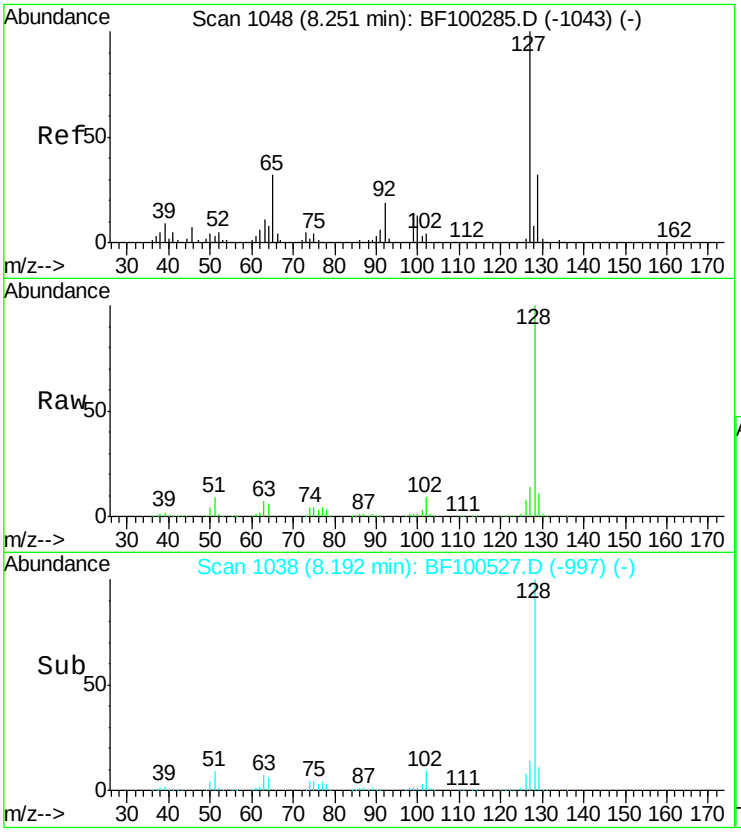


#32
Benzoic acid
Concen: 9.39 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.07 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:122 Resp: 112

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



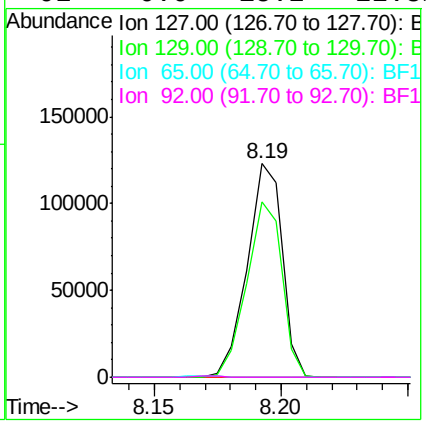


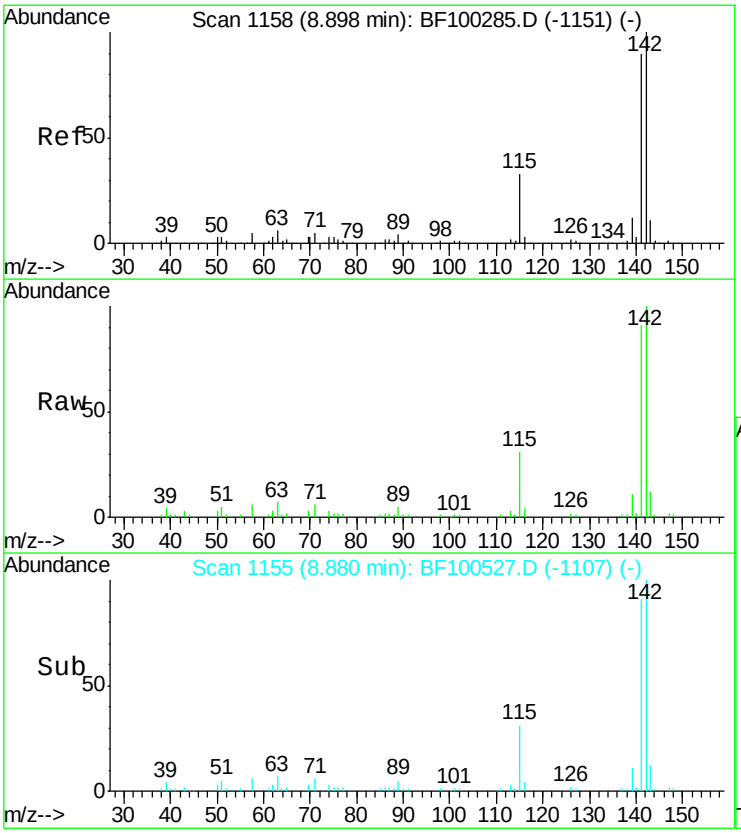
#33
4-Chloroaniline
Concen: 13.26 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 118649

Ion	Ratio	Lower	Upper
127	100		
129	82.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

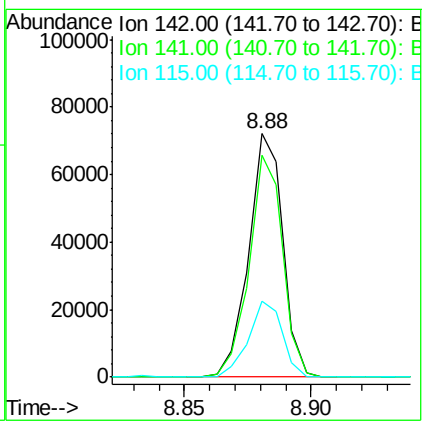


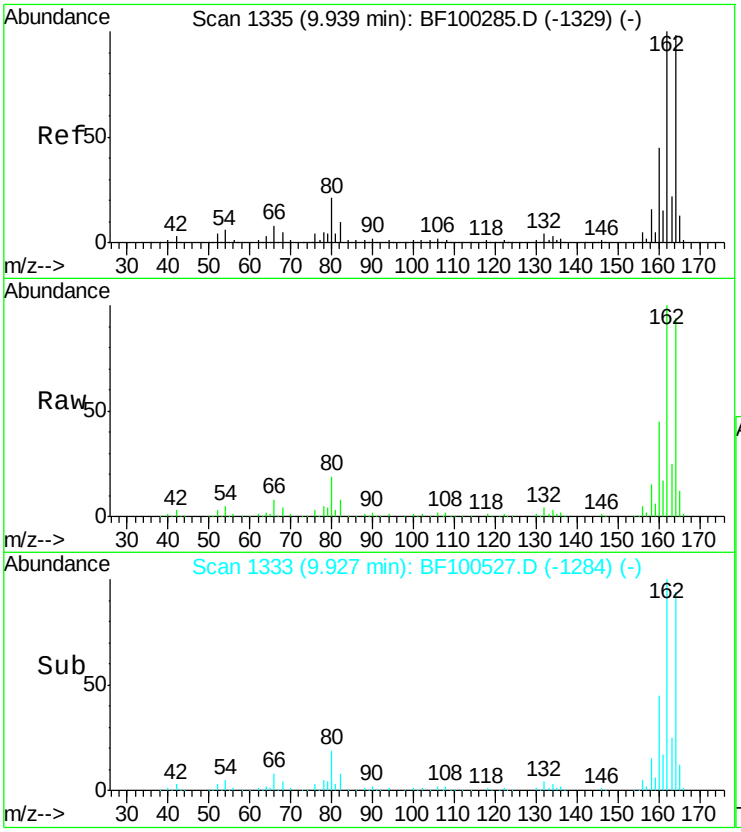


#37
2-Methylnaphthalene
Concen: 4.70 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:142 Resp: 67063

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	31.4	26.1	39.1



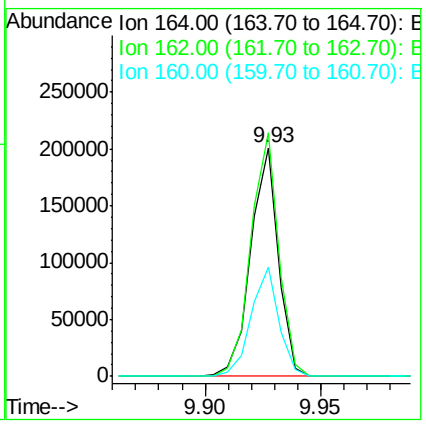


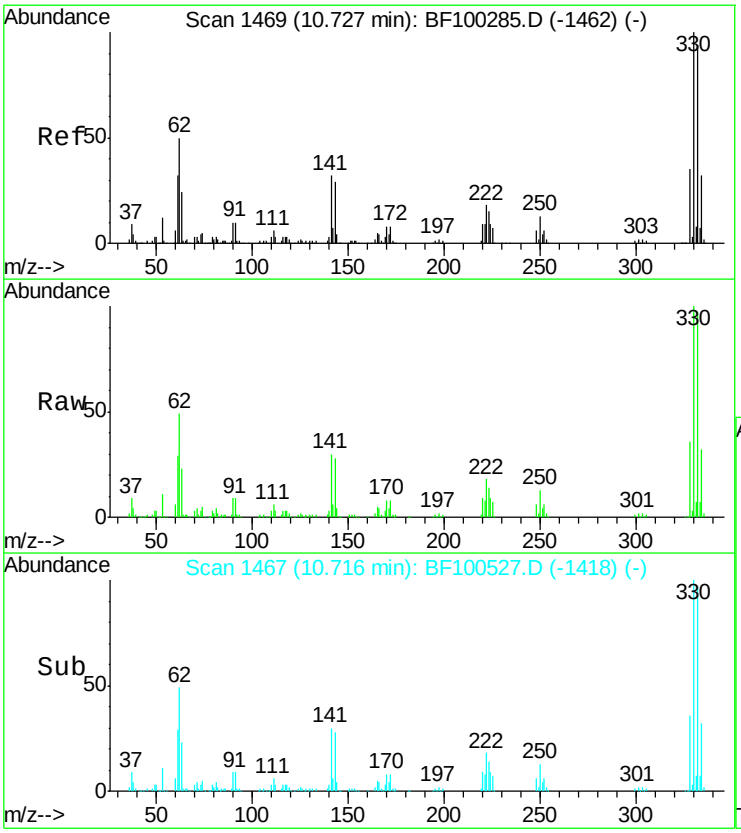
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 168039

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	47.6	38.3	57.5

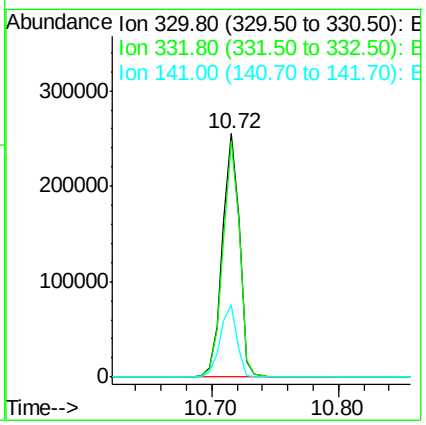


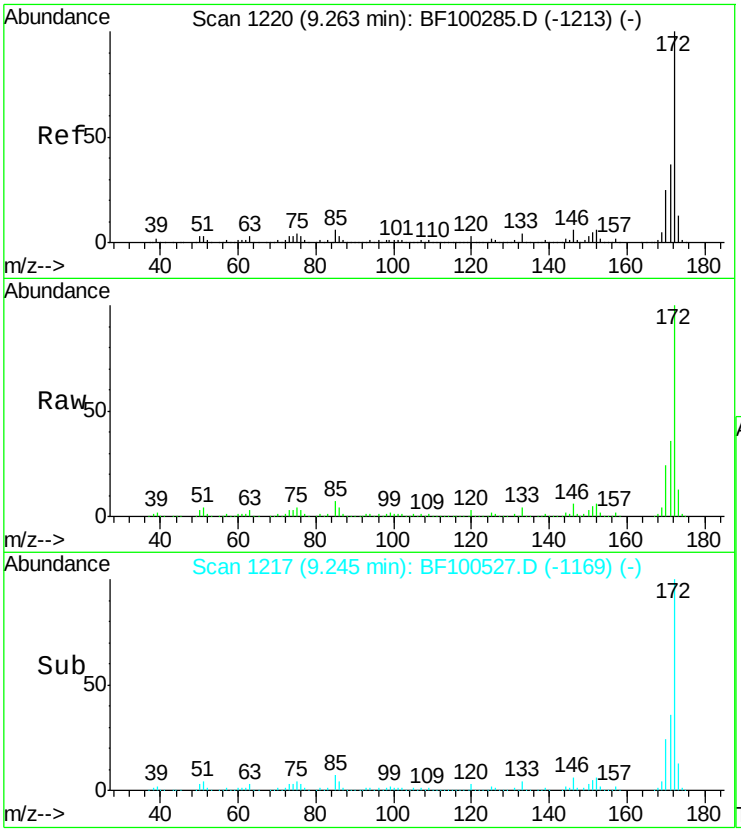


#41
2,4,6-Tribromophenol
Concen: 138.81 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:330 Resp: 237683

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	29.3	29.9	44.9#



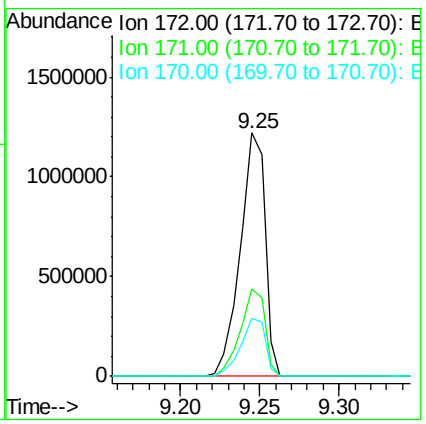


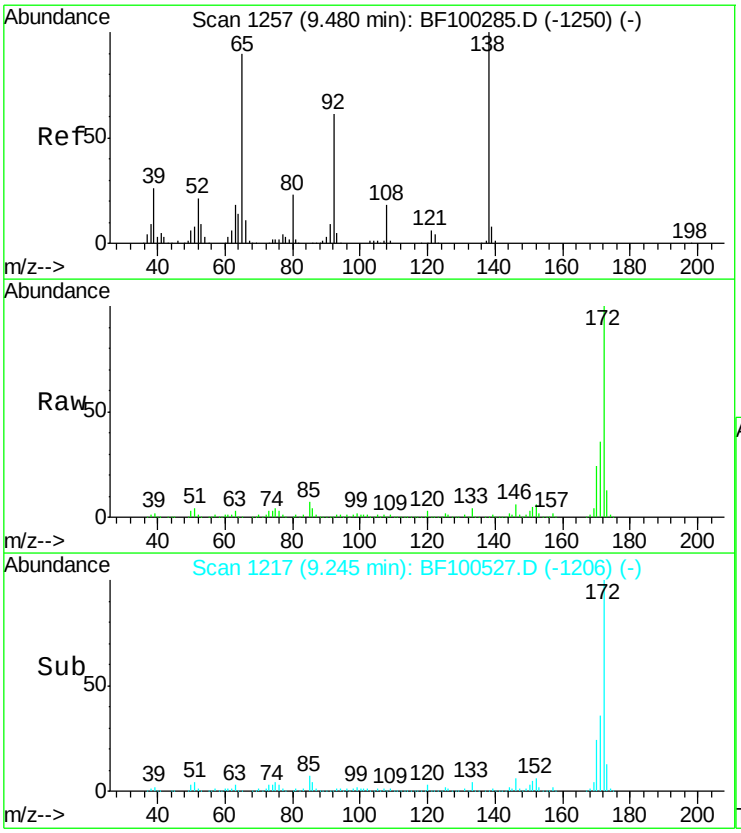
#44
2-Fluorobiphenyl
Concen: 119.53 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1319097

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

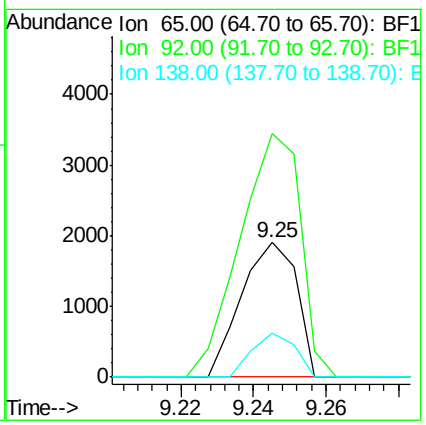


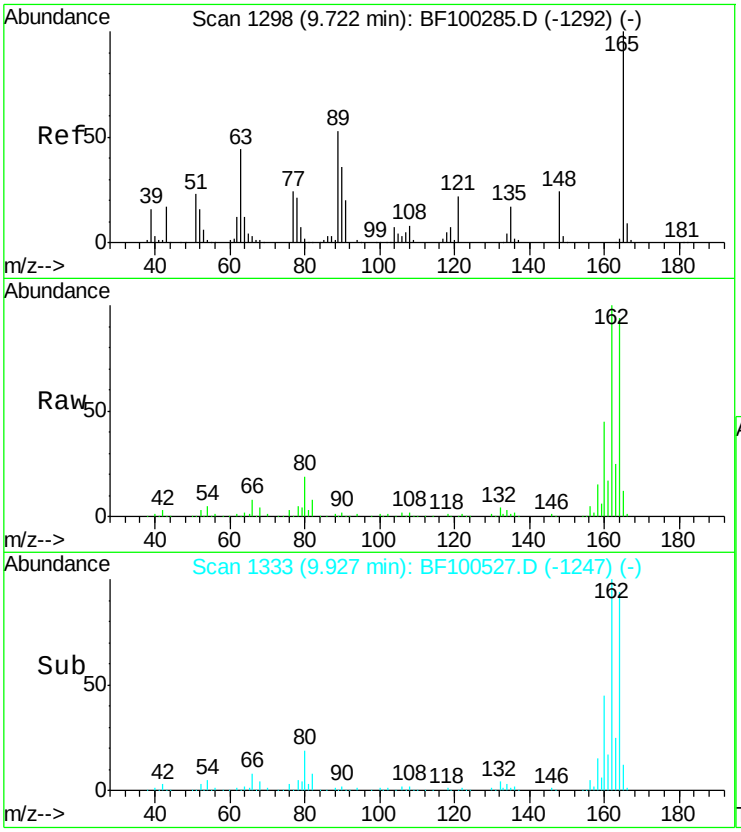


#47
2-Nitroaniline
Concen: 3.39 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.24 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion: 65 Resp: 2008

Ion	Ratio	Lower	Upper
65	100		
92	180.8	55.8	83.6#
138	32.9	91.2	136.8#



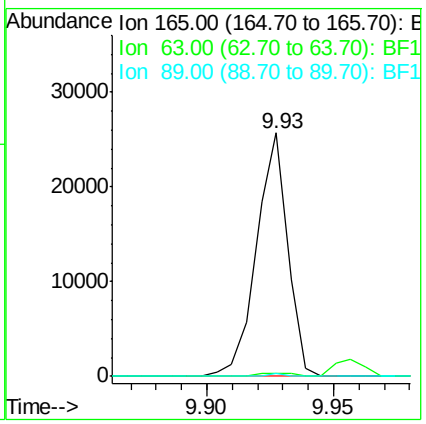


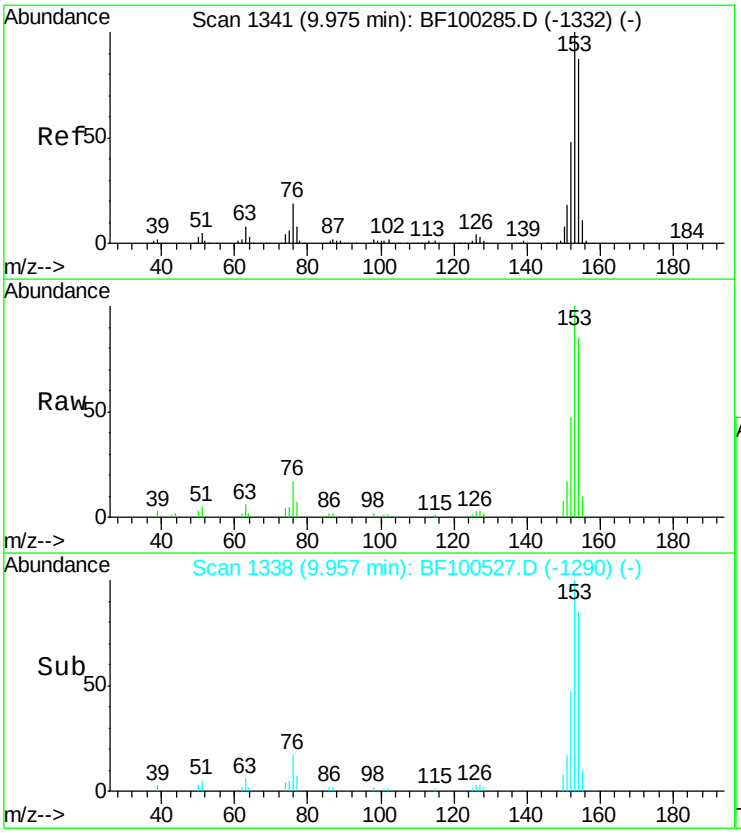
#50
2,6-Dinitrotoluene
Concen: 8.69 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.21 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22065

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.4	44.0	66.0#

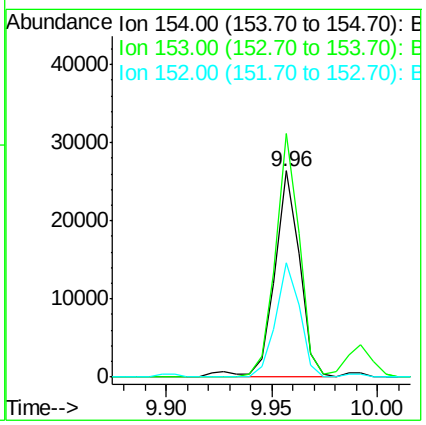


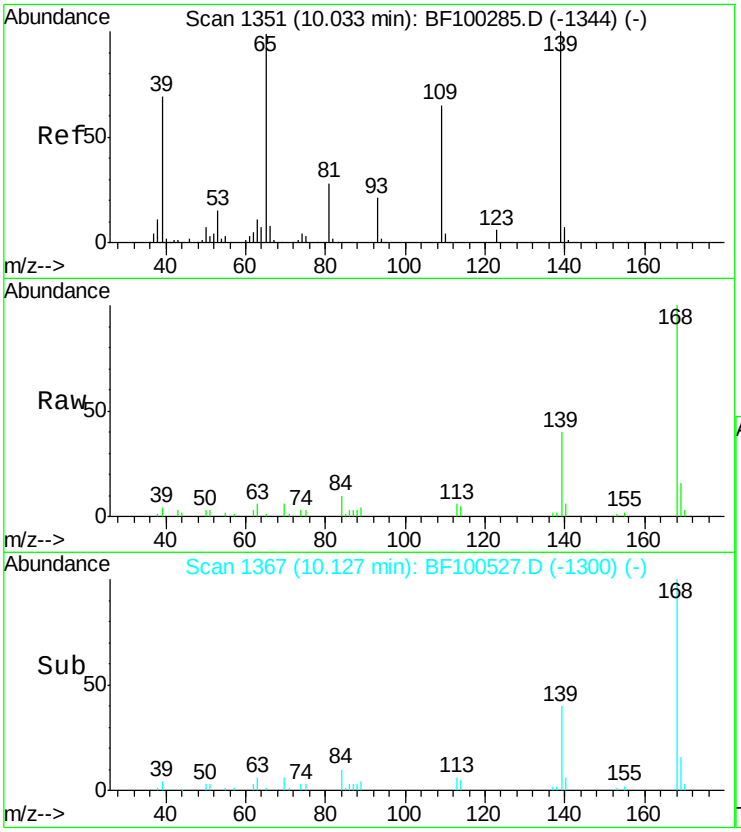


#51
Acenaphthene
Concen: 2.05 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:154 Resp: 21832

Ion	Ratio	Lower	Upper
154	100		
153	118.0	91.2	136.8
152	55.4	43.8	65.8



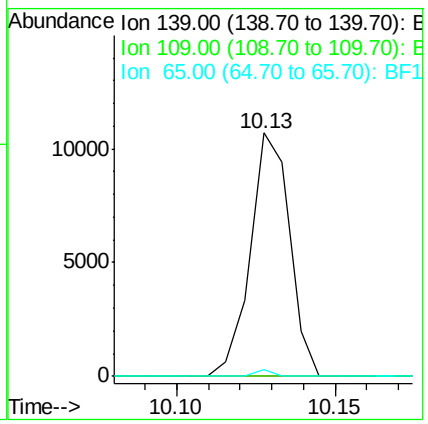


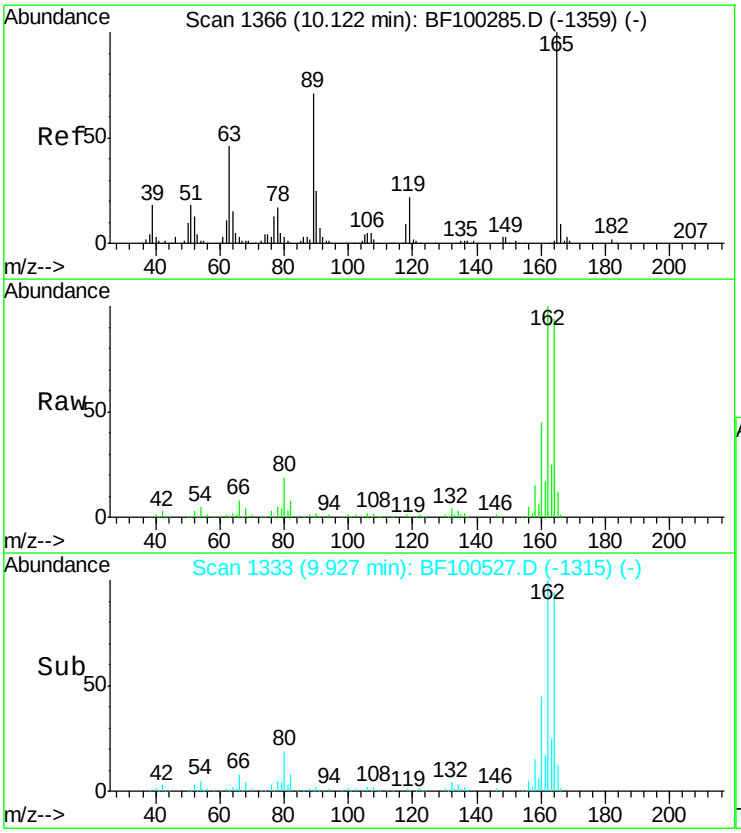
#55
4-Nitrophenol
Concen: 3.78 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.09 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 9200

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.9	72.6	112.6#

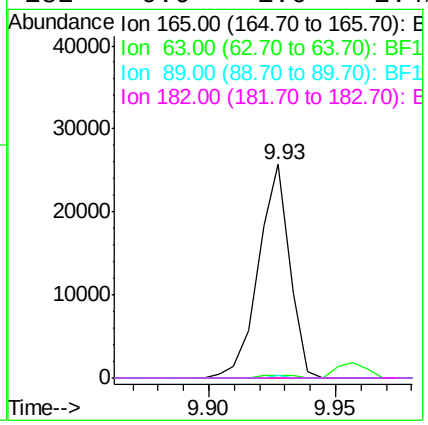


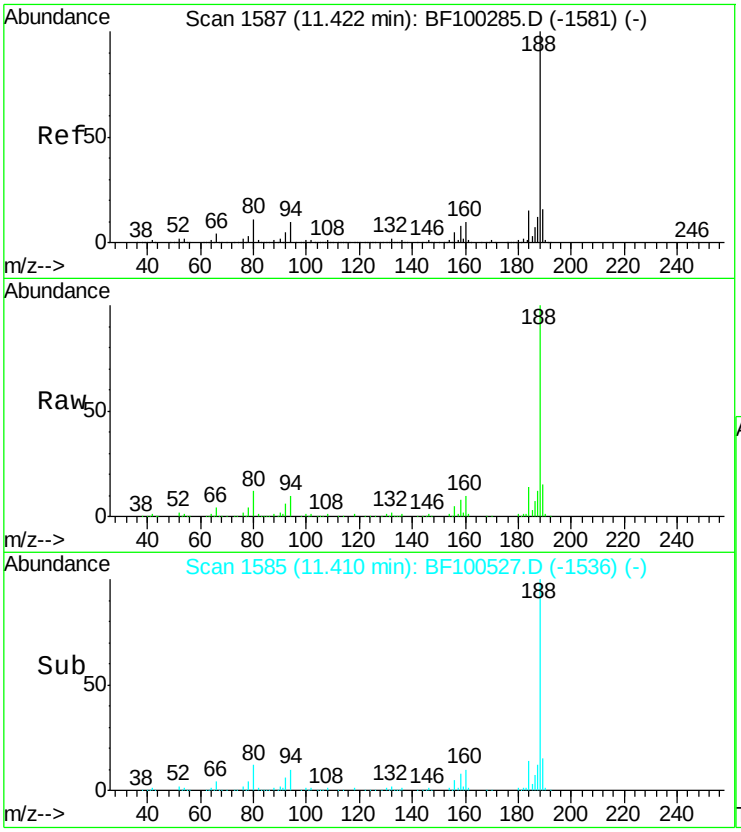


#56
2,4-Dinitrotoluene
Concen: 6.89 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:165 Resp: 22065

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



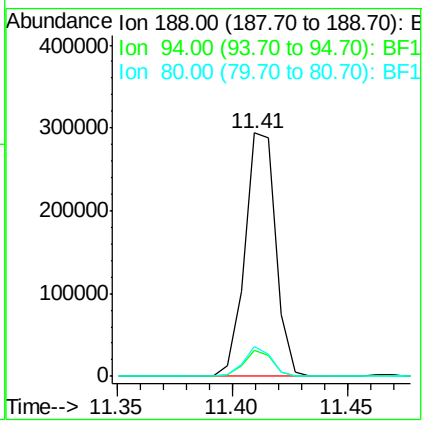


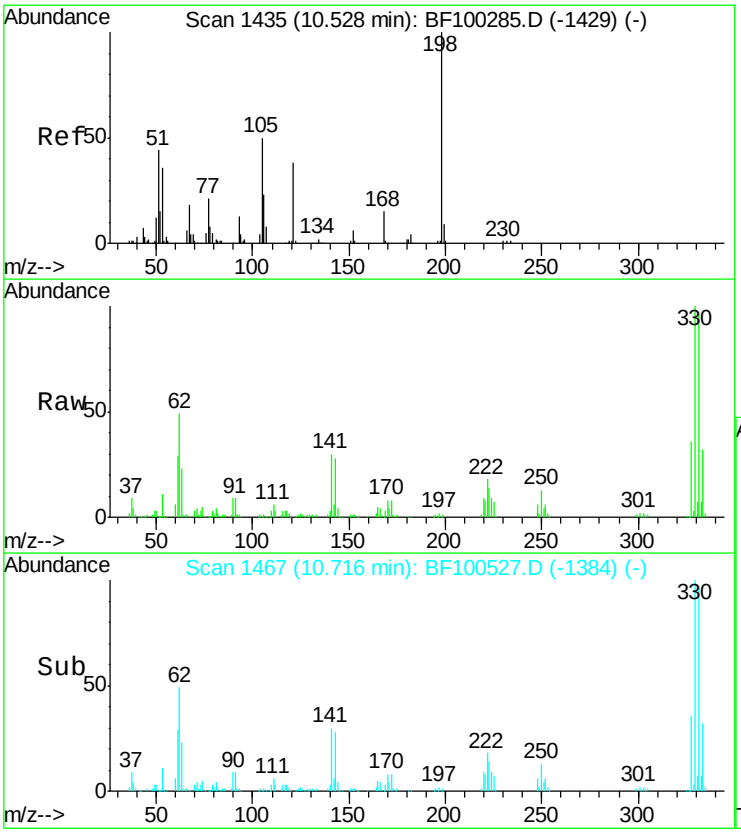
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 276003

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	12.0	9.2	13.8

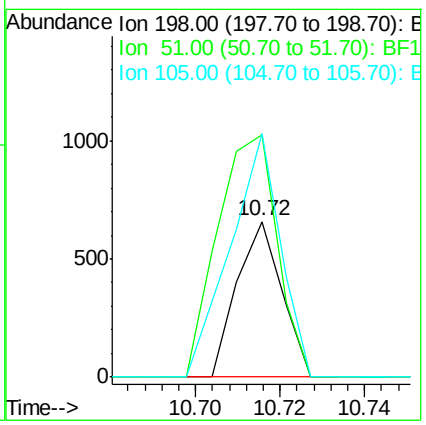


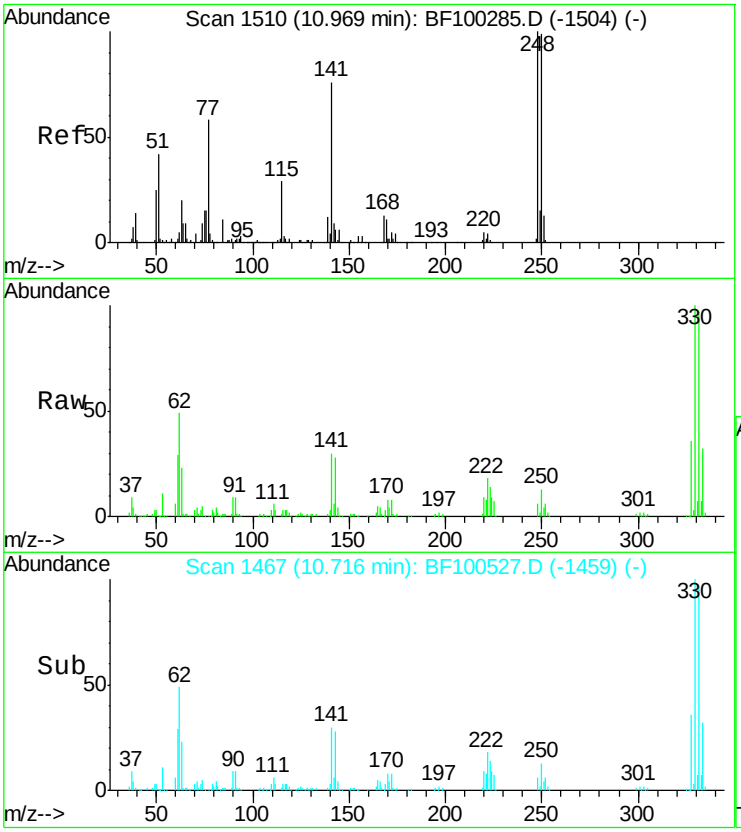


#64
4,6-Dinitro-2-methylphenol
Concen: 8.85 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:198 Resp: 482

Ion	Ratio	Lower	Upper
198	100		
51	155.6	37.7	77.7#
105	156.2	36.3	76.3#



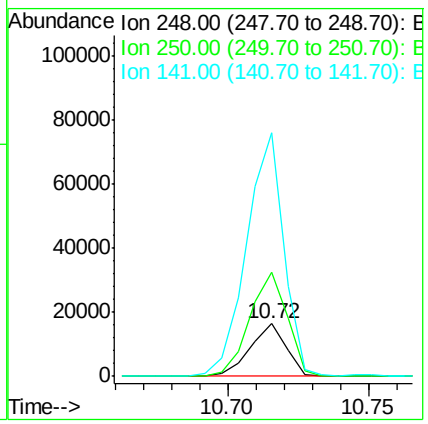


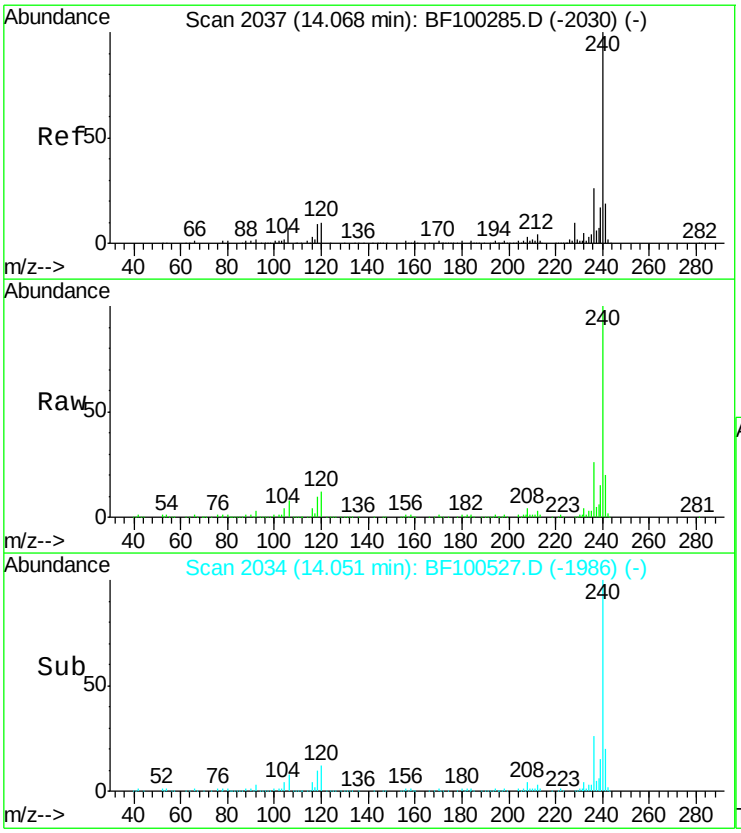
#66
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14534

Ion	Ratio	Lower	Upper
248	100		
250	198.2	76.9	115.3#
141	464.9	74.4	111.6#

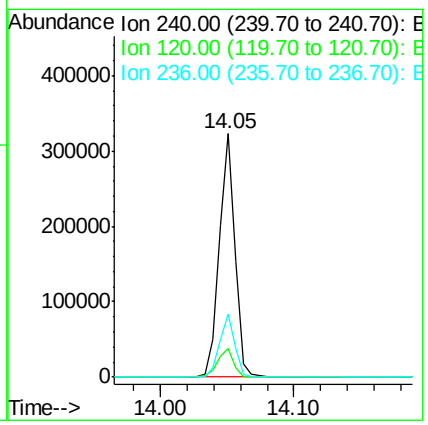


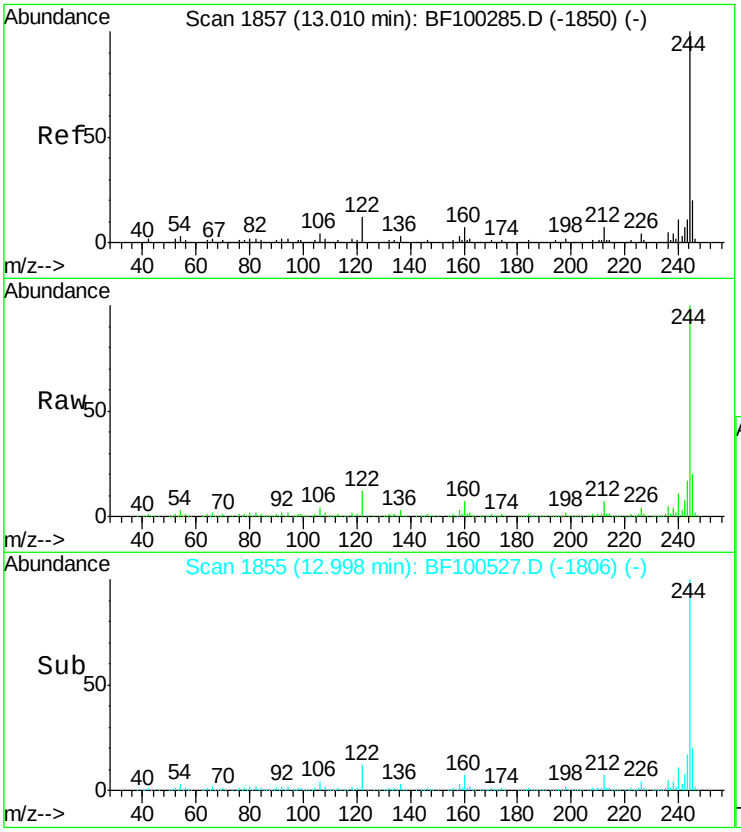


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:240 Resp: 267831

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.2	20.7	31.1



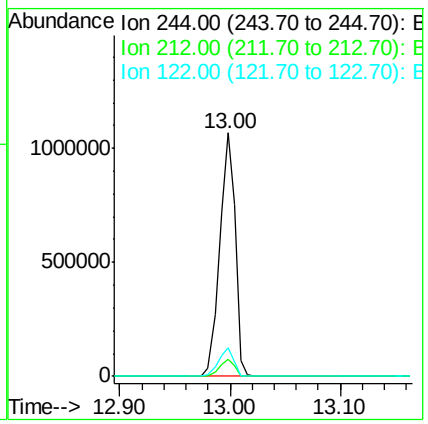


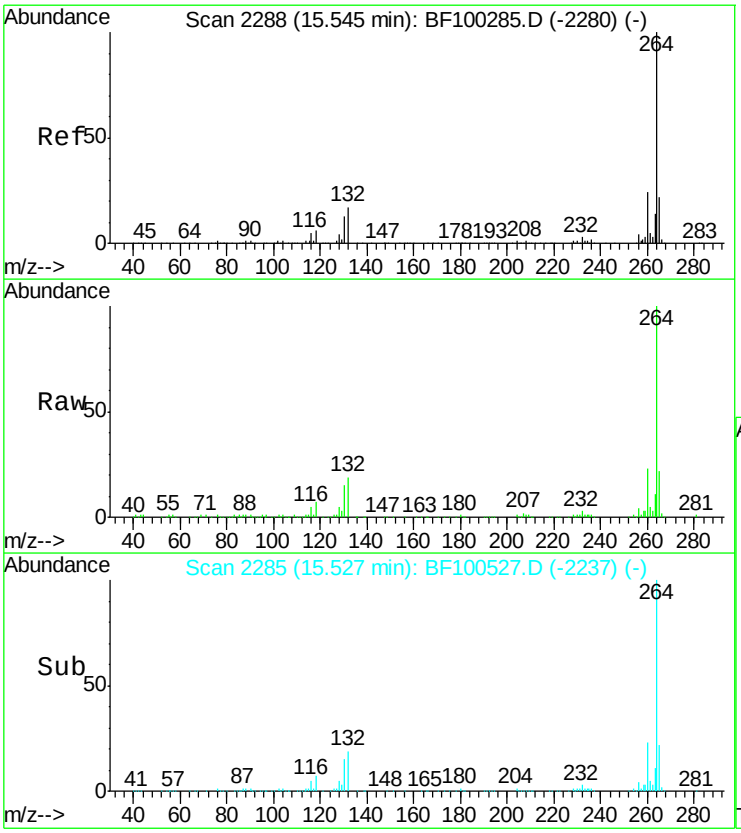
#78
Terphenyl-d14
Concen: 88.73 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1034245

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BF100527.D
Acq: 14 Nov 2017 6:20

Tgt Ion:264 Resp: 194027

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3