Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100363.D
Acq On : 10 Nov 2017 1:33
Operator : SJ/JU
Sample : I6374-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 10 03:23:12 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	189339	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	735665	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	315859	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	514428	20.00	ng		0.00
75) Chrysene-d12	14.06	240	362928	20.00	ng		0.00
86) Perylene-d12	15.54	264	362417	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1109683	93.95	ng		0.02
7) Phenol-d6	6.53	99	1348898	92.61	ng		0.00
23) Nitrobenzene-d5	7.46	82	854246	76.77	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	289878	90.06	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1440666	69.45	ng		0.00
78) Terphenyl-d14	13.01	244	960680	60.82	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	38998	2.550	ng	#	58
19) n-Nitroso-di-n-propylamine	7.46	70	112410	11.128	ng	#	85
25) Isophorone	7.46	82	854063	36.525	ng	#	64
32) Benzoic acid	7.85	122	109	9.382	ng	#	85
47) 2-Nitroaniline	9.65	65	390	2.847	ng	#	1
49) Dimethylphthalate	9.65	163	49834	2.066	ng		98
50) 2,6-Dinitrotoluene	9.94	165	41041	8.597	ng	#	25
56) 2,4-Dinitrotoluene	9.94	165	41041	6.815	ng	#	23
62) Azobenzene	10.65	77	48200	2.121	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.72	198	431	8.706	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	18911	3.429	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 : BF100363.D
Acq On : 10 Nov 2017 1:33
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
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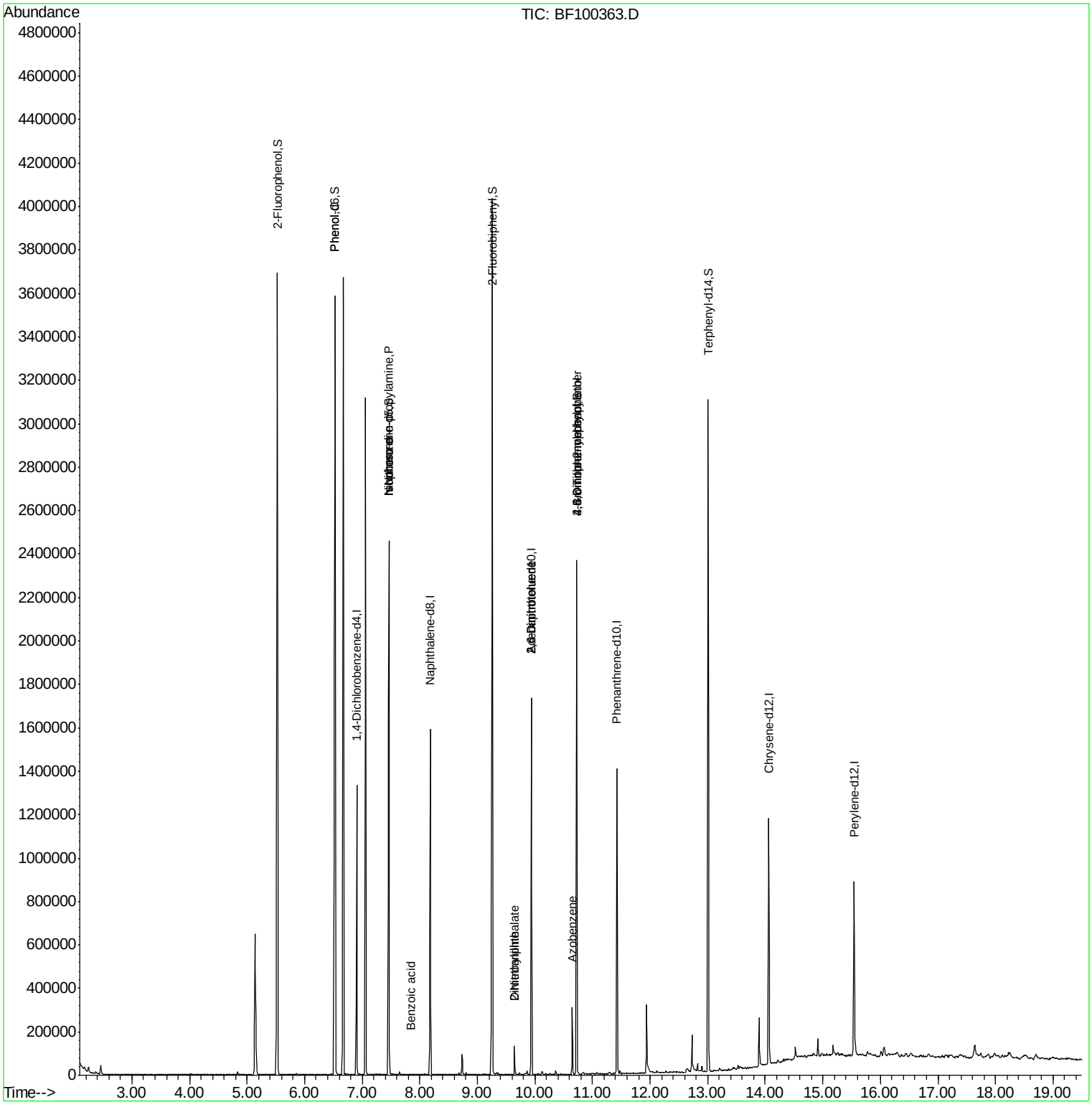
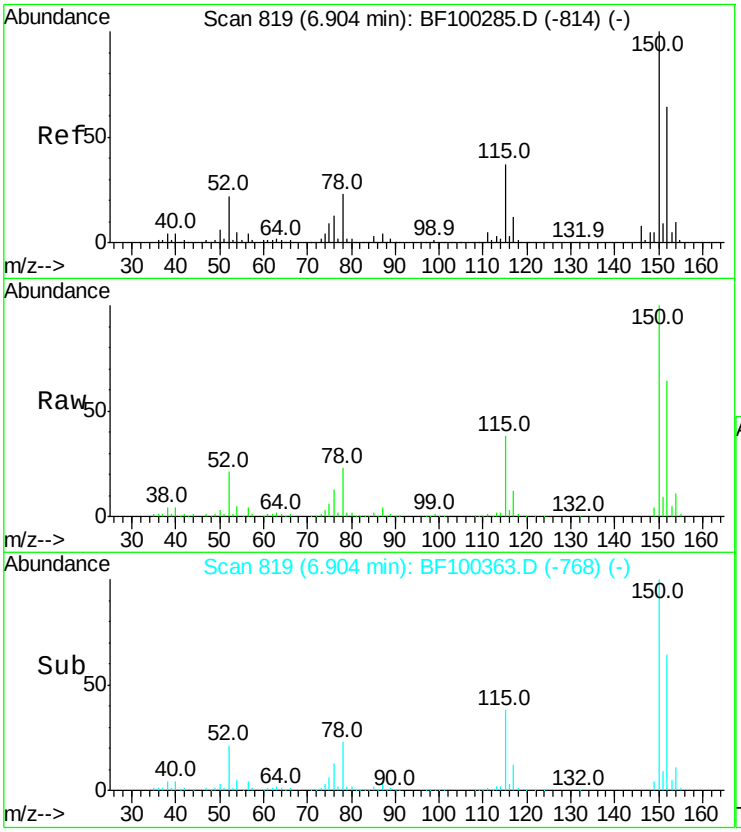


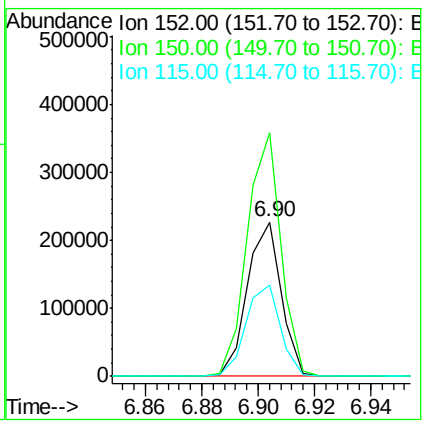


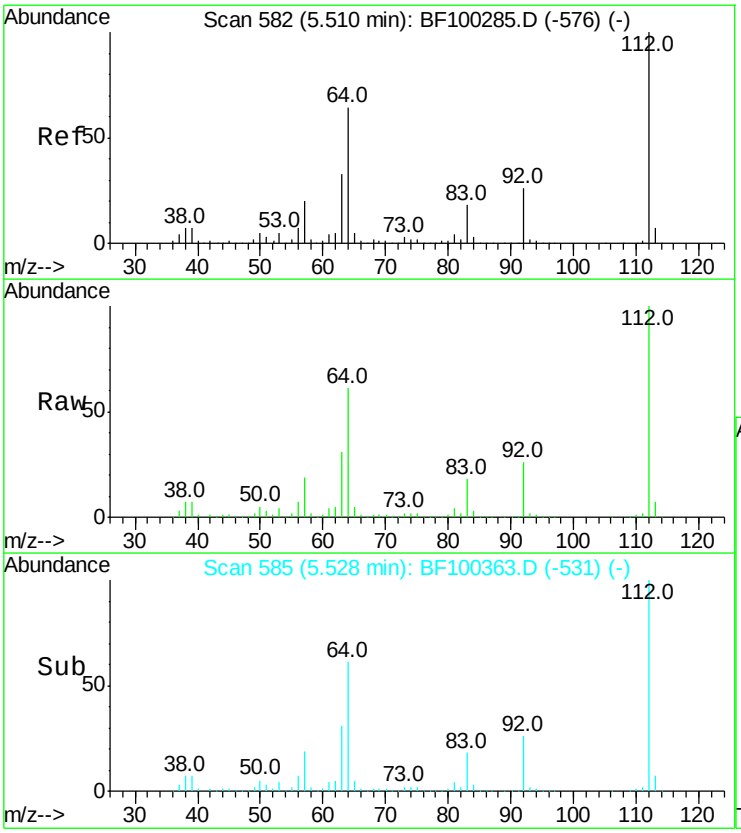
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 189339

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	59.2	50.1	75.1

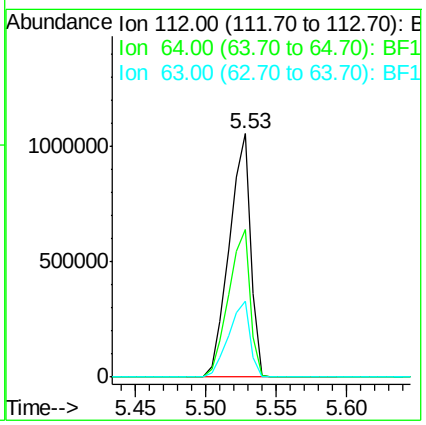


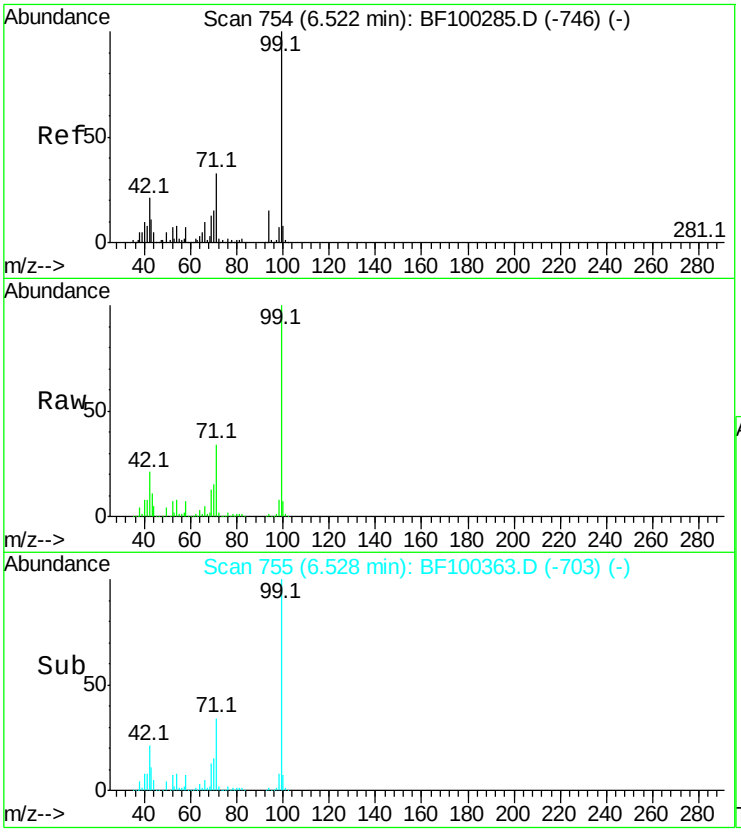


#5
2-Fluorophenol
Concen: 93.948 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:112 Resp: 1109683

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.1	23.7	35.5



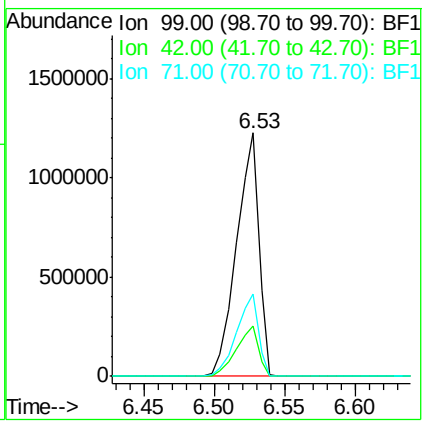


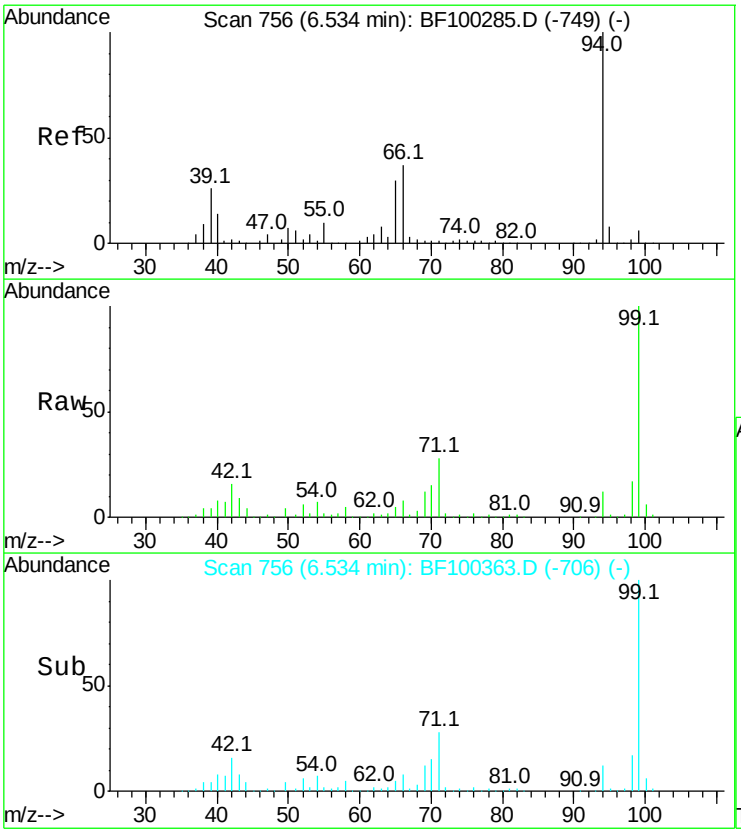
#7
Phenol-d6
Concen: 92.610 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1348898

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	34.0	25.4	38.0

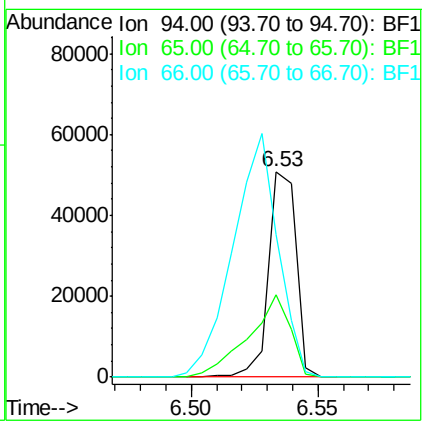


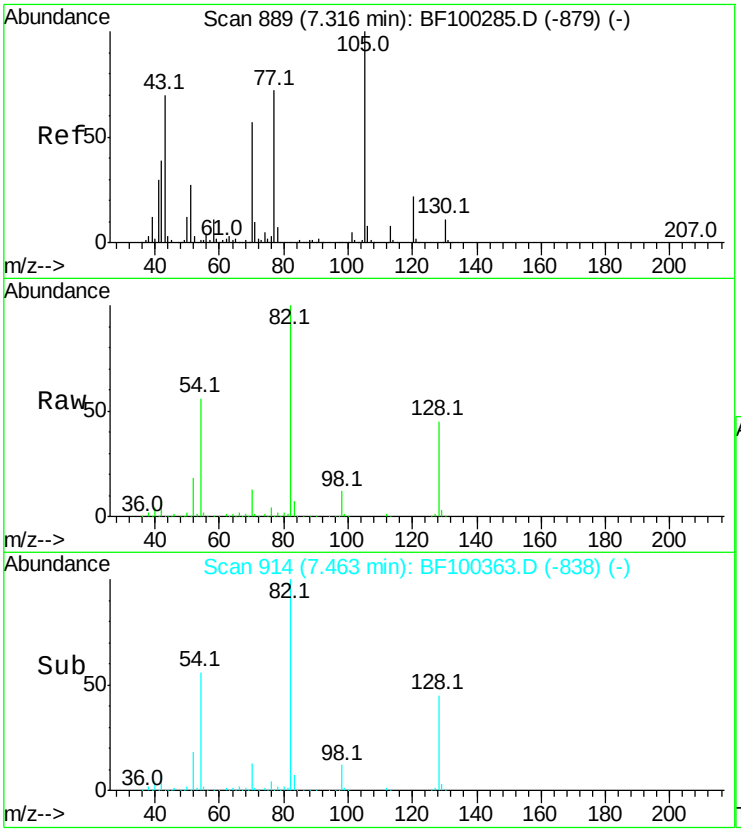


#10
Phenol
Concen: 2.550 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion: 94 Resp: 38998

Ion	Ratio	Lower	Upper
94	100		
65	40.2	7.9	47.9
66	69.5	16.2	56.2#



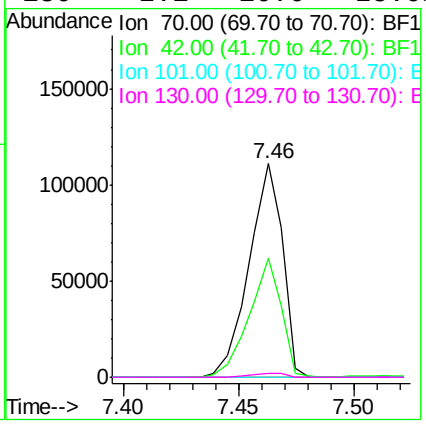


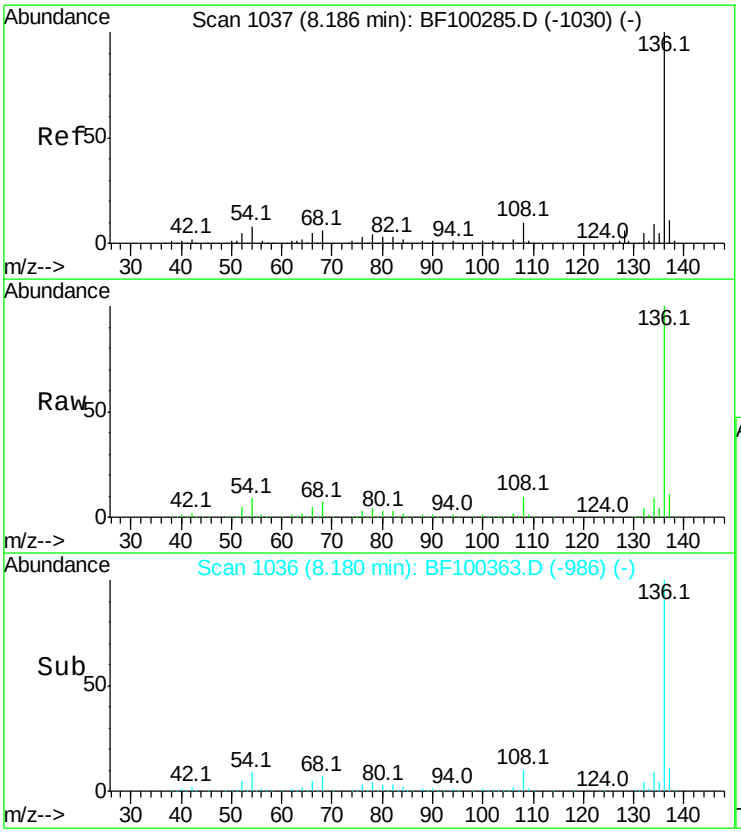
#19
n-Nitroso-di-n-propylamine
Concen: 11.128 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 112410

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

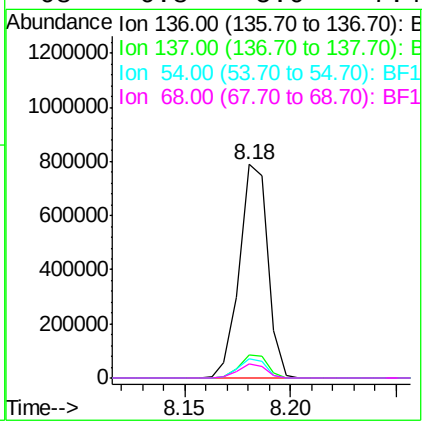


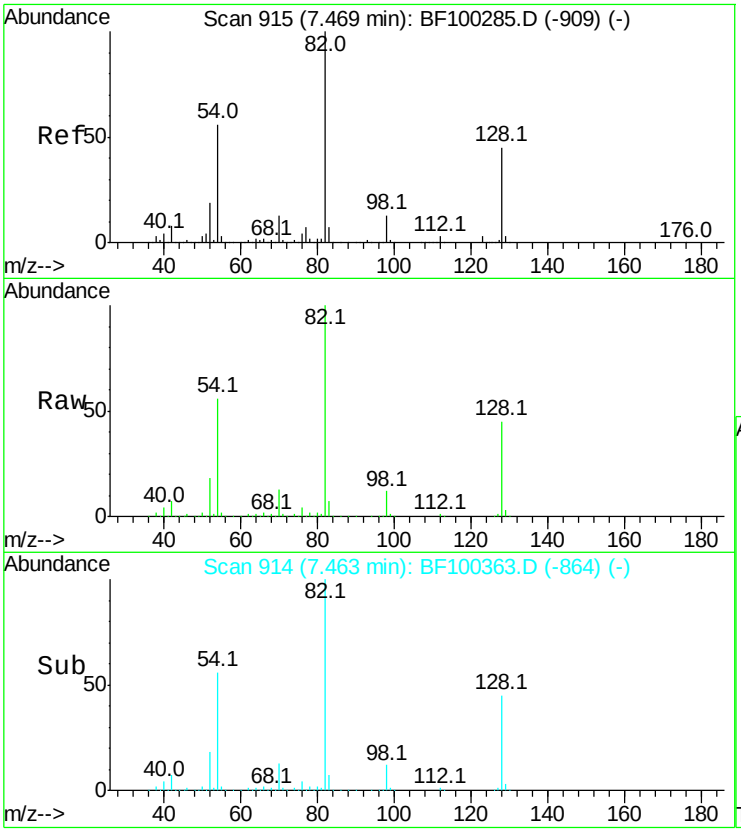


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:136 Resp: 735665

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	6.8	5.0	7.4



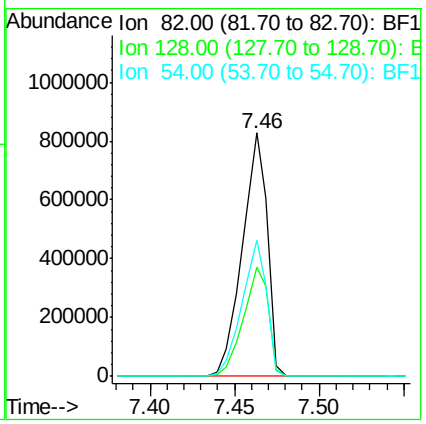


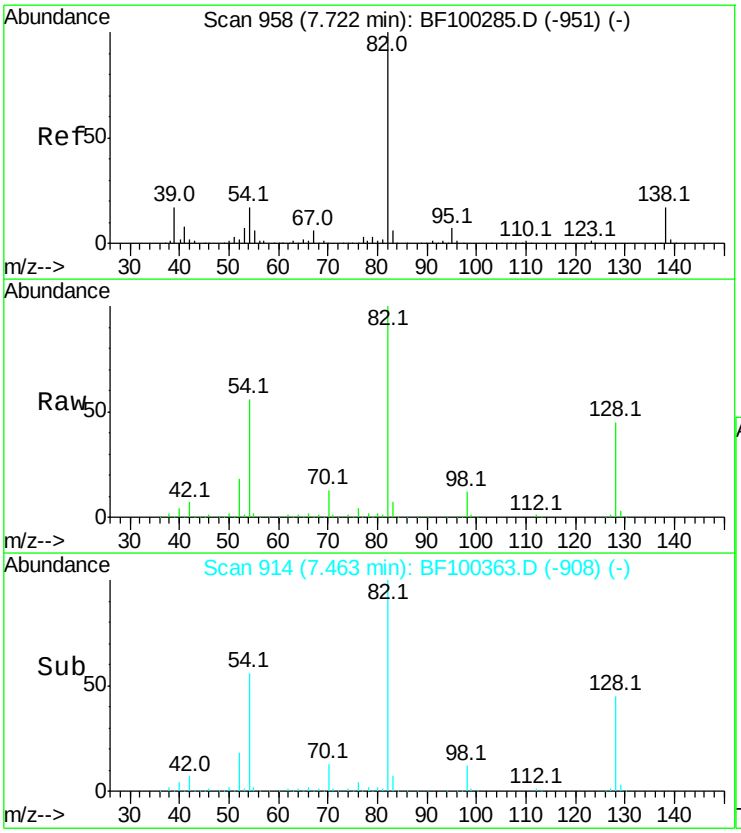
#23
Nitrobenzene-d5
Concen: 76.770 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 854246

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	55.7	41.4	62.2

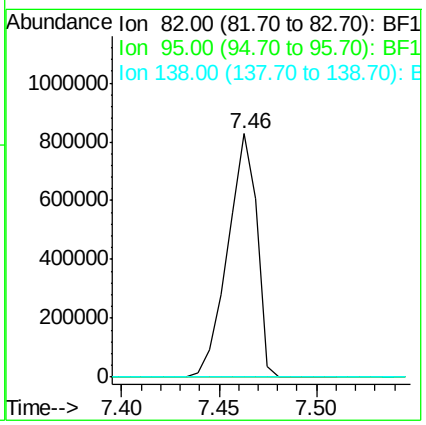


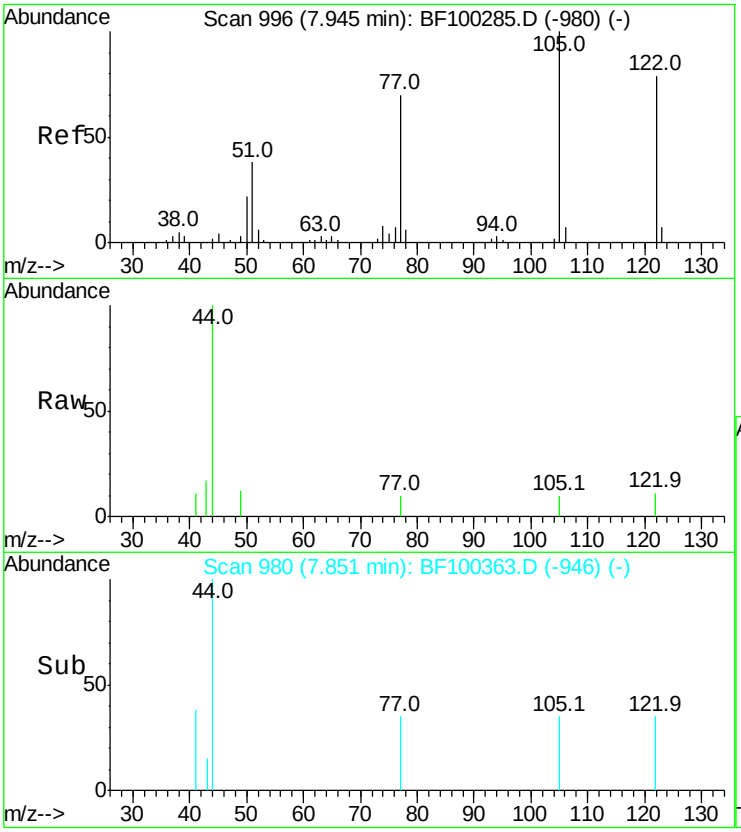


#25
Isophorone
Concen: 36.525 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion: 82 Resp: 854063

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

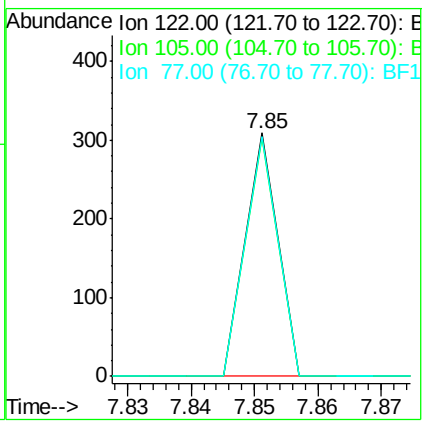




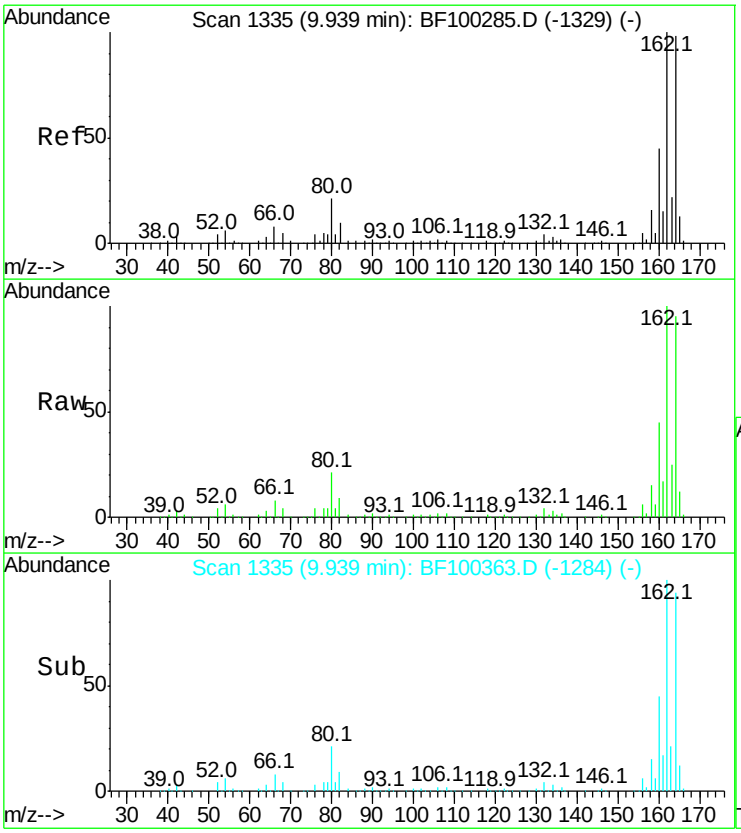
#32
Benzoic acid
Concen: 9.382 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.10 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	98.1	101.1	141.1#
77	98.7	70.7	110.7



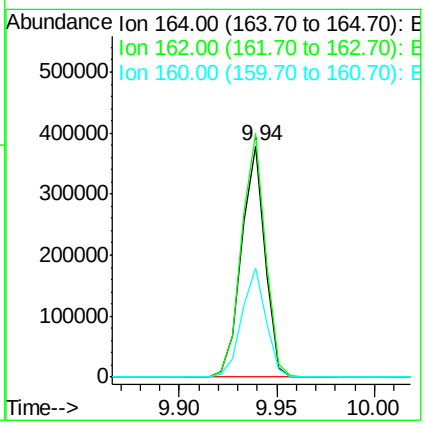
Instrument :
BNA_F
ClientSampleId :

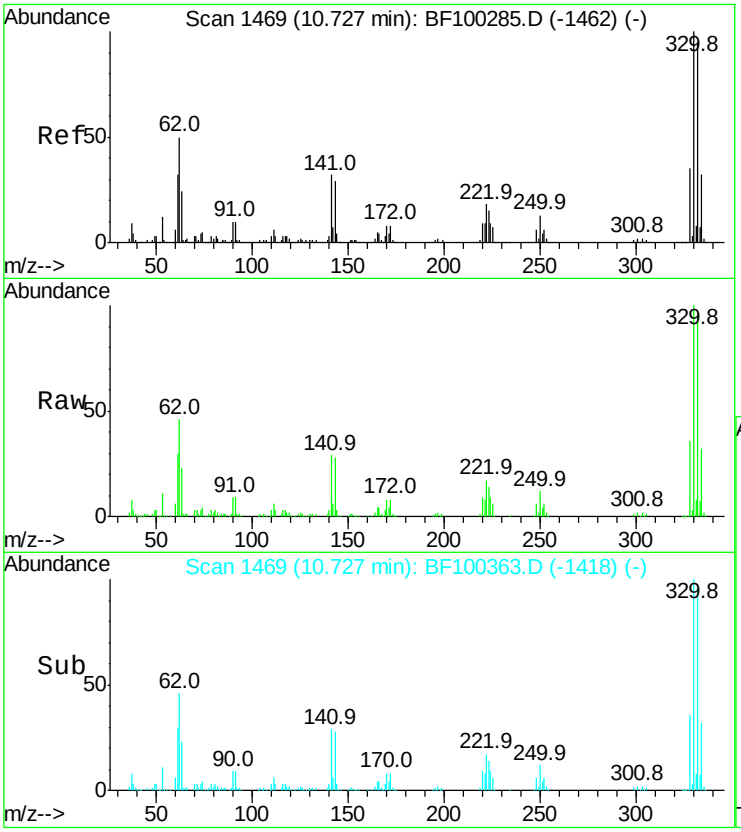


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:164 Resp: 315859

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	47.3	38.3	57.5



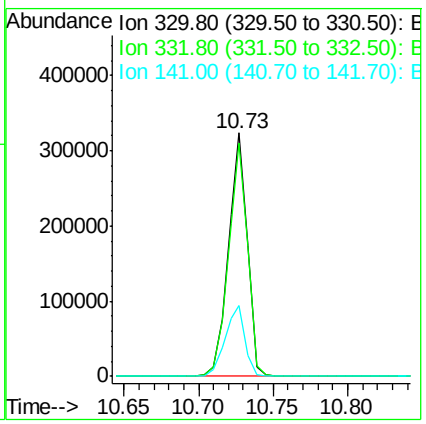


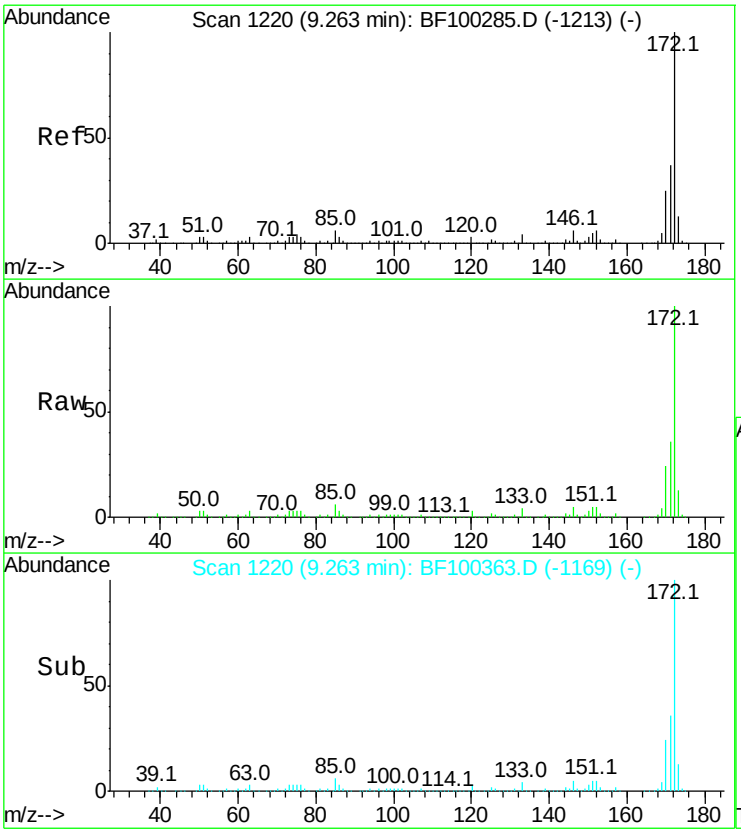
#41
2,4,6-Tribromophenol
Concen: 90.063 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 289878

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	30.6	29.9	44.9

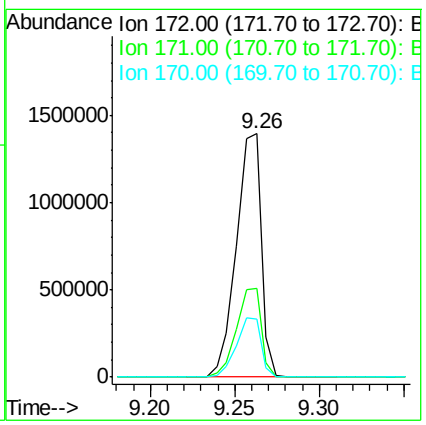


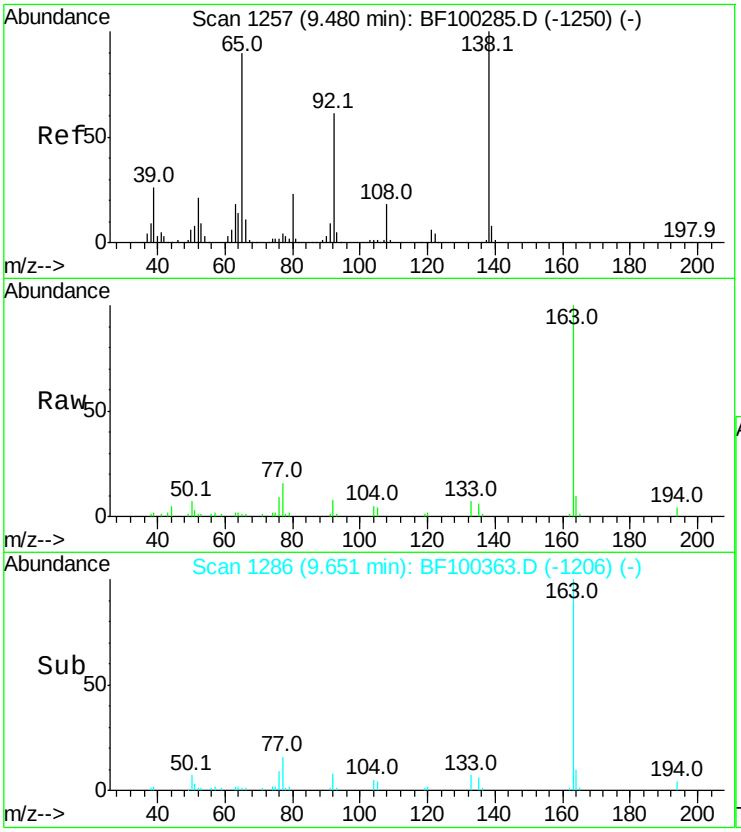


#44
2-Fluorobiphenyl
Concen: 69.452 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:172 Resp: 1440666

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4



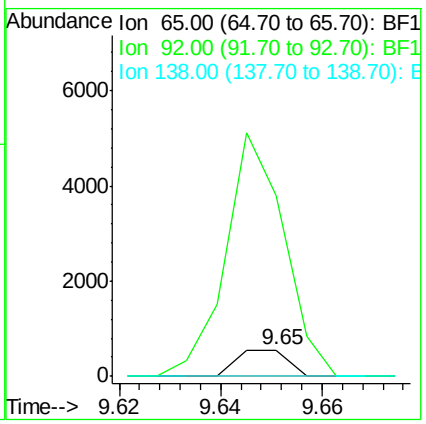


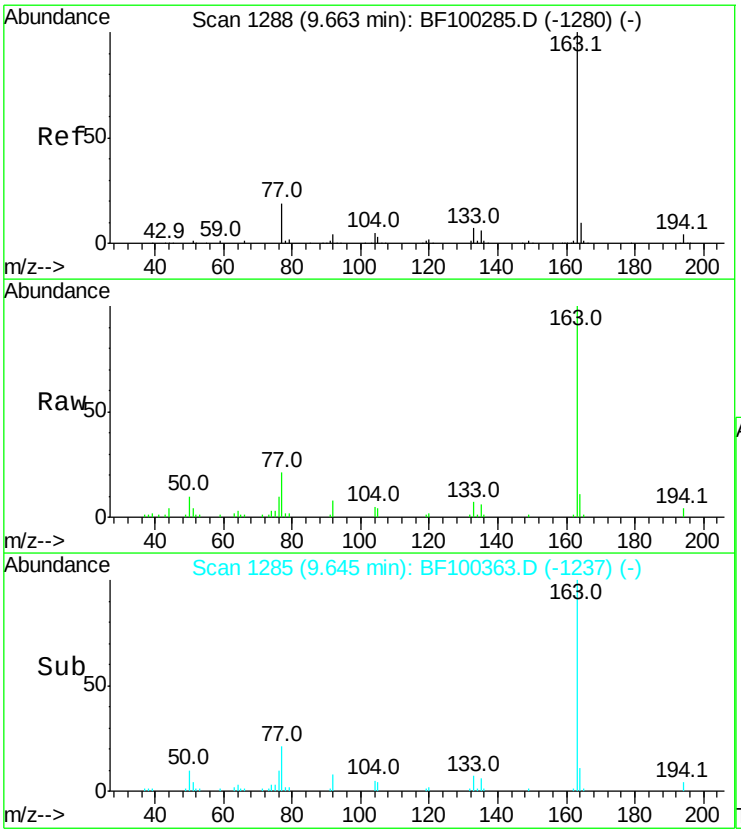
#47
2-Nitroaniline
Concen: 2.847 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.17 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 390

Ion	Ratio	Lower	Upper
65	100		
92	680.0	55.8	83.6#
138	0.0	91.2	136.8#

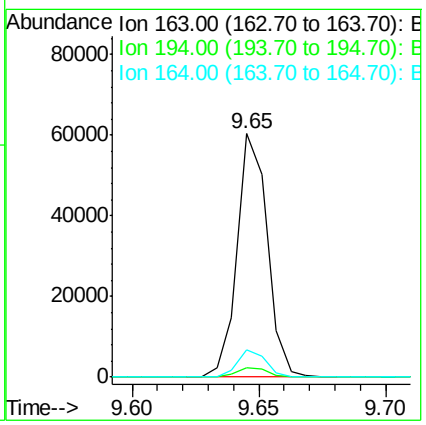


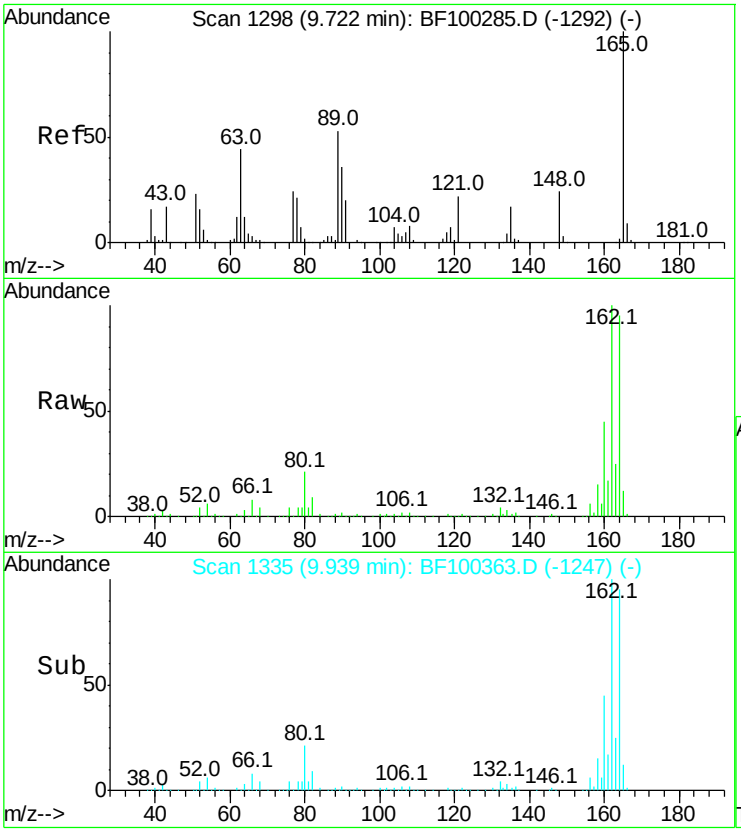


#49
Dimethylphthalate
Concen: 2.066 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:163 Resp: 49834

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.0	8.2	12.2



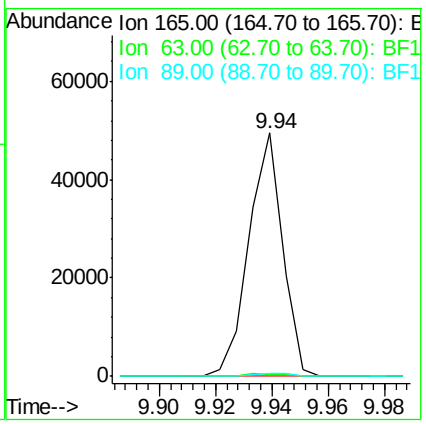


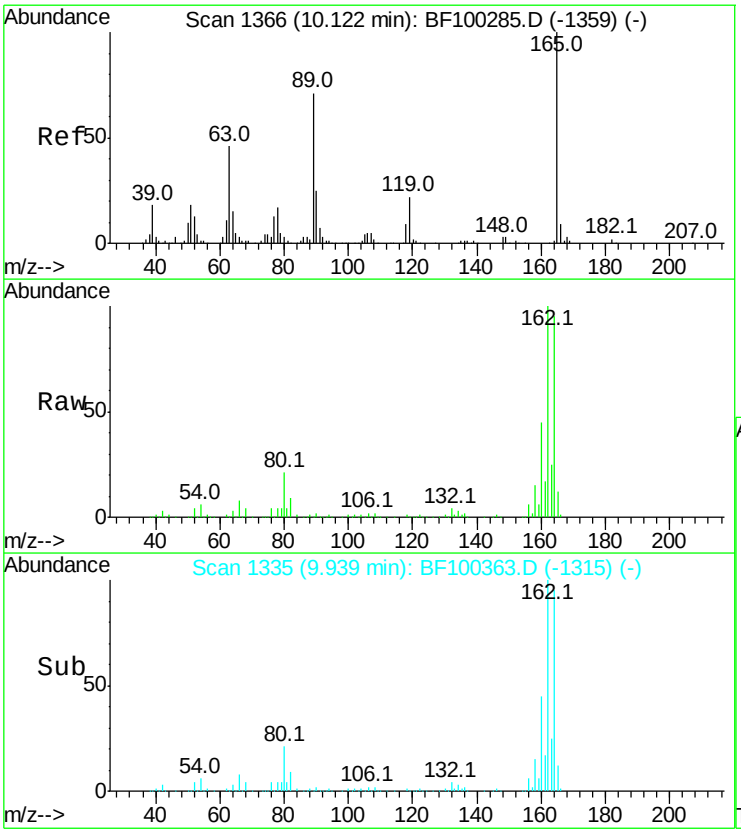
#50
2,6-Dinitrotoluene
Concen: 8.597 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41041

Ion	Ratio	Lower	Upper
165	100		
63	0.7	44.7	67.1#
89	1.3	44.0	66.0#

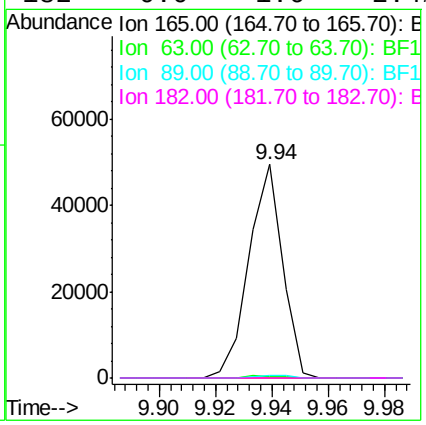


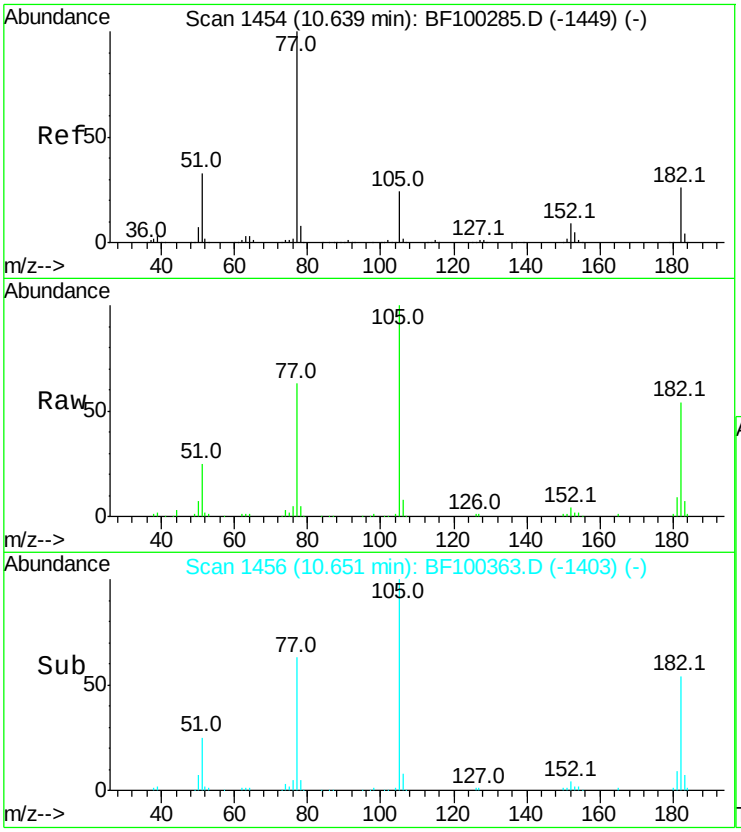


#56
2,4-Dinitrotoluene
Concen: 6.815 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:165 Resp: 41041

Ion	Ratio	Lower	Upper
165	100		
63	0.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



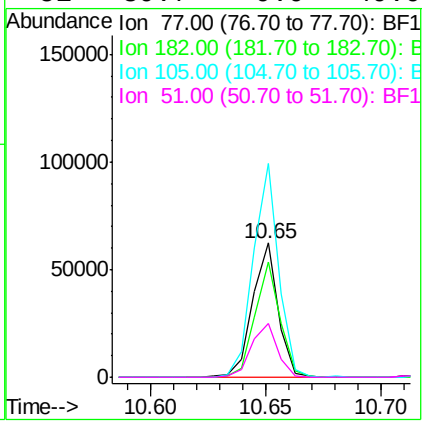


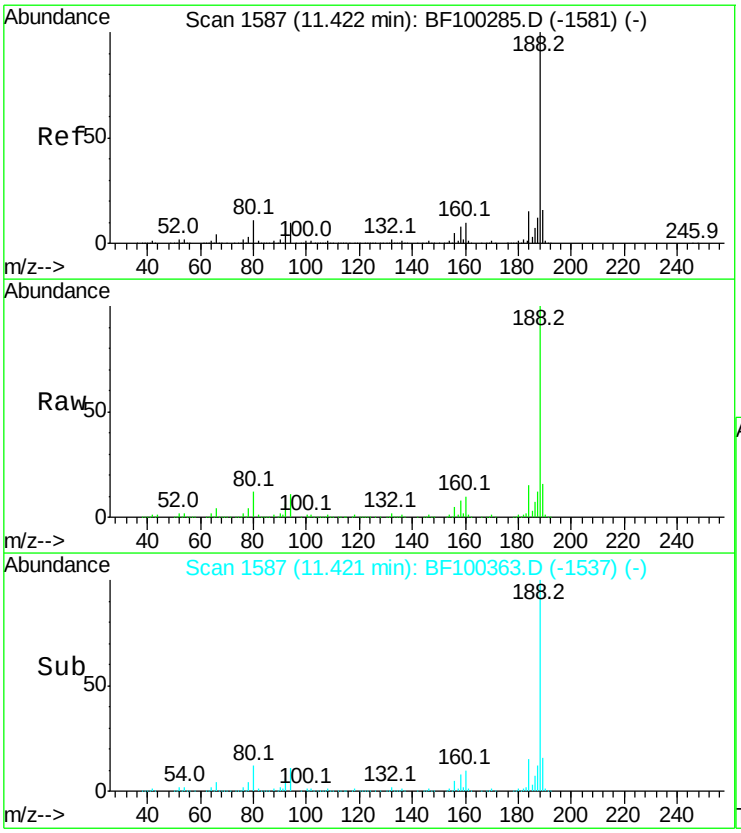
#62
Azobenzene
Concen: 2.121 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 48200

Ion	Ratio	Lower	Upper
77	100		
182	85.7	1.7	41.7#
105	159.2	3.0	43.0#
51	39.7	9.9	49.9

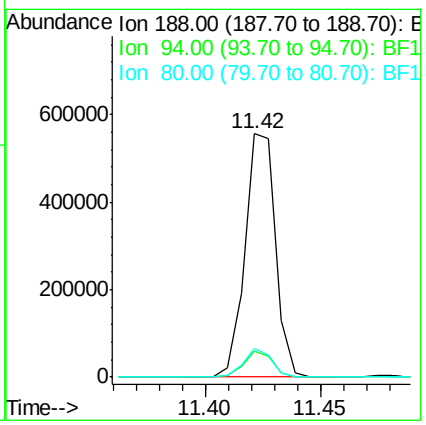


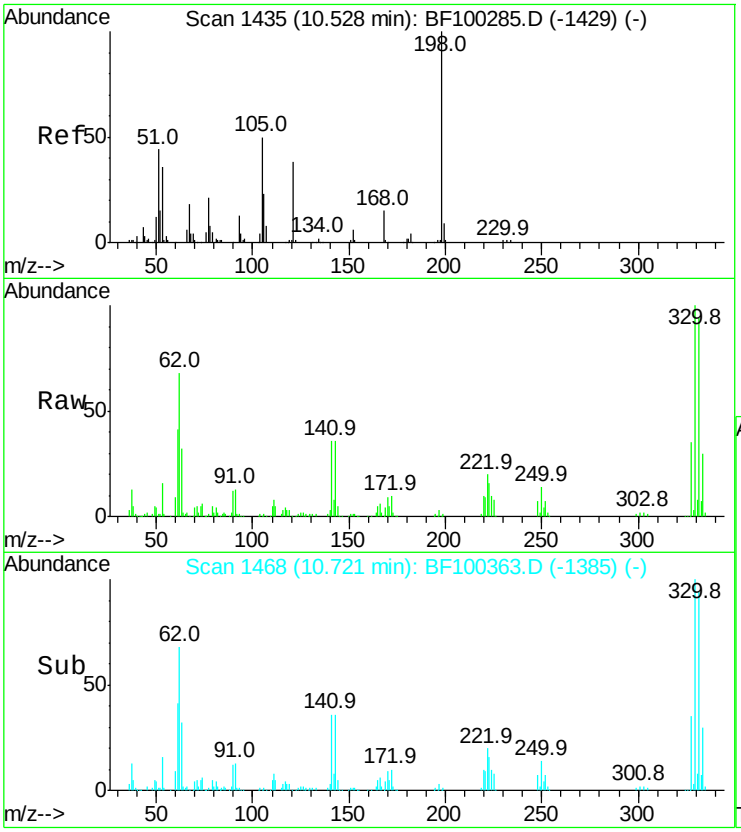


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:188 Resp: 514428

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.7	9.2	13.8



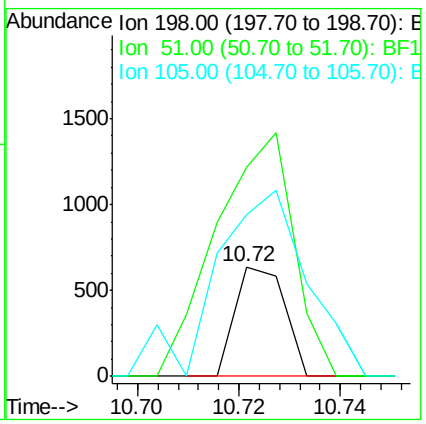


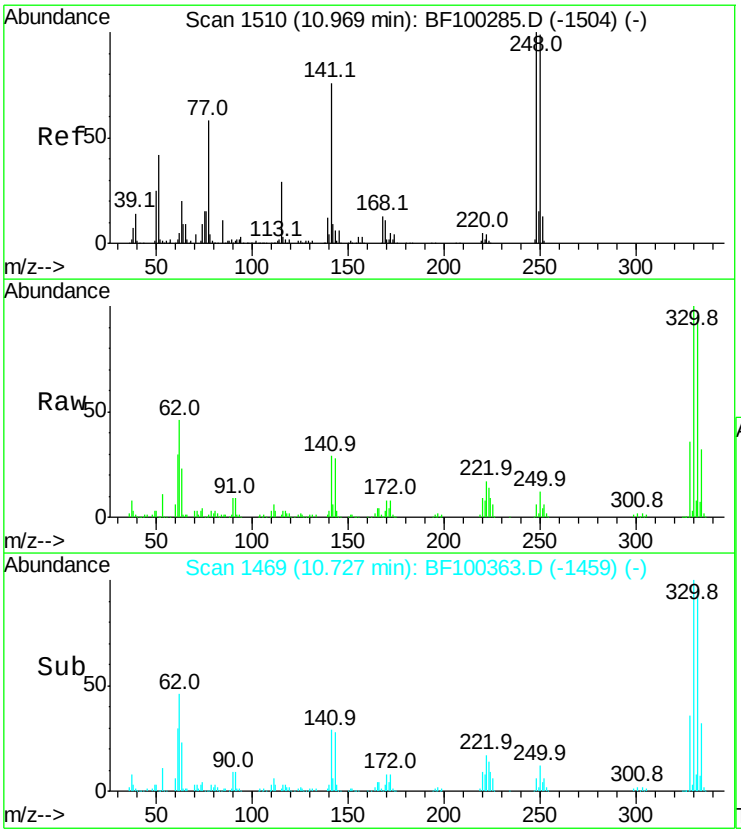
#64
4,6-Dinitro-2-methylphenol
Concen: 8.706 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 431

Ion	Ratio	Lower	Upper
198	100		
51	191.2	37.7	77.7#
105	147.6	36.3	76.3#

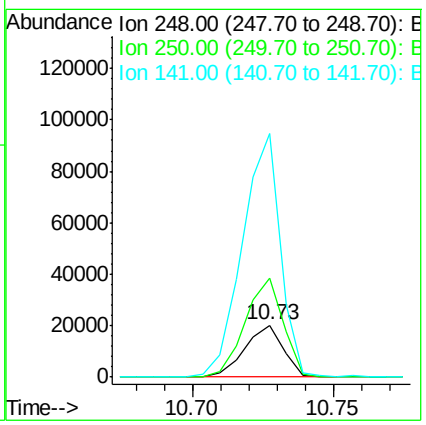


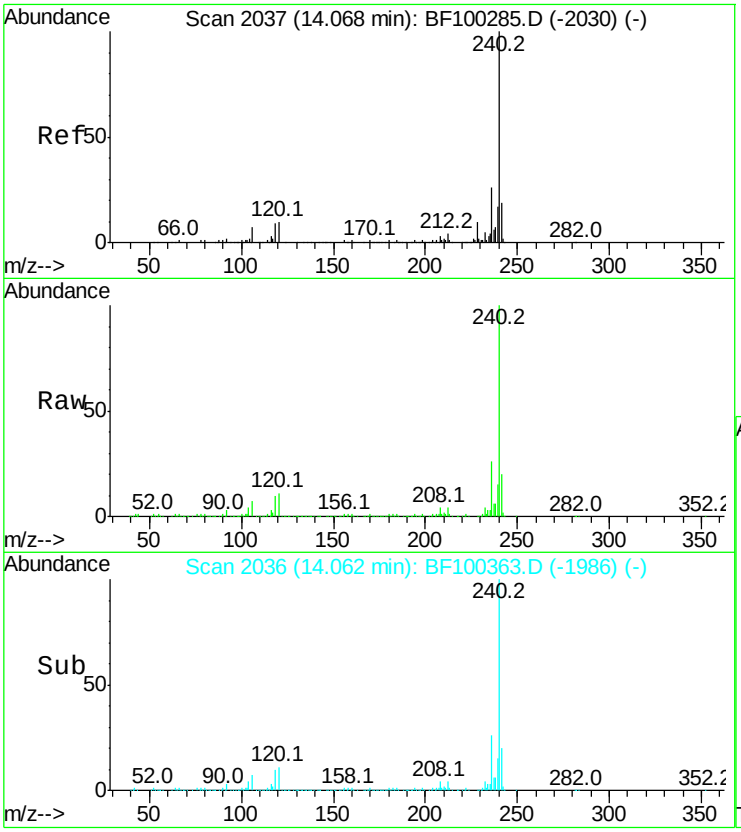


#66
4-Bromophenyl-phenylether
Concen: 3.429 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:248 Resp: 18911

Ion	Ratio	Lower	Upper
248	100		
250	191.6	76.9	115.3#
141	468.7	74.4	111.6#



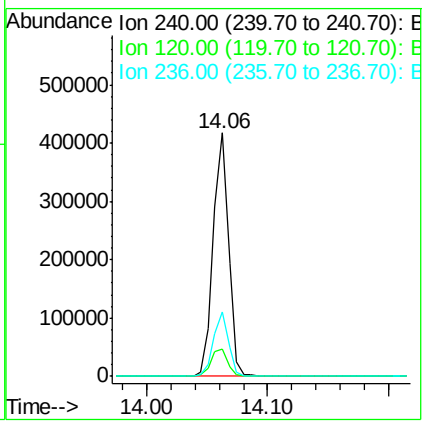


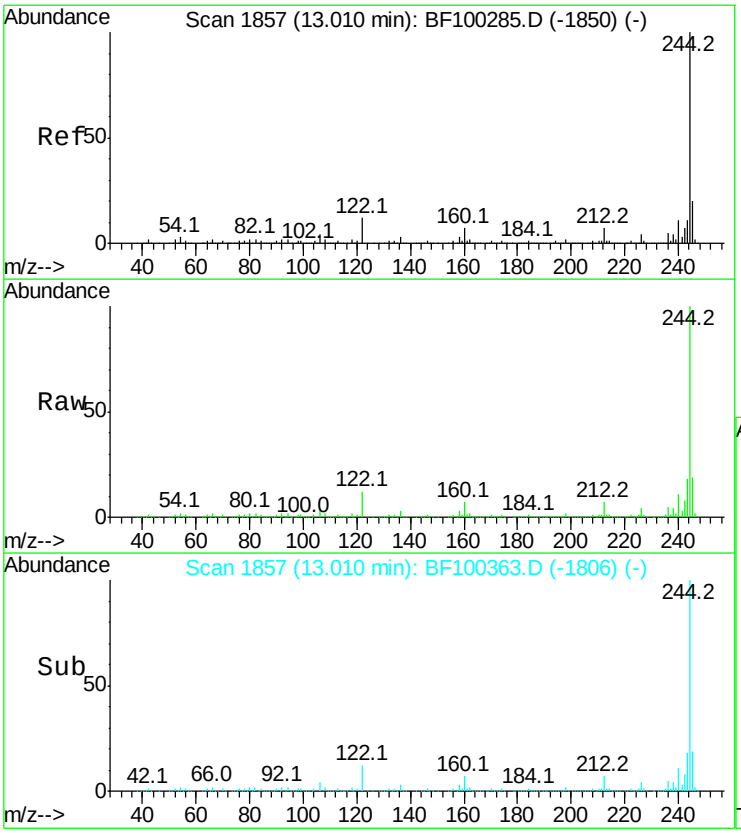
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 362928

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.3	20.7	31.1

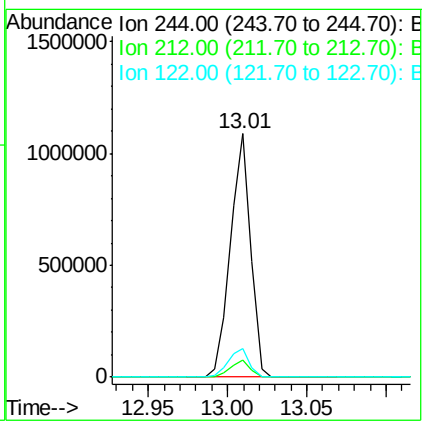


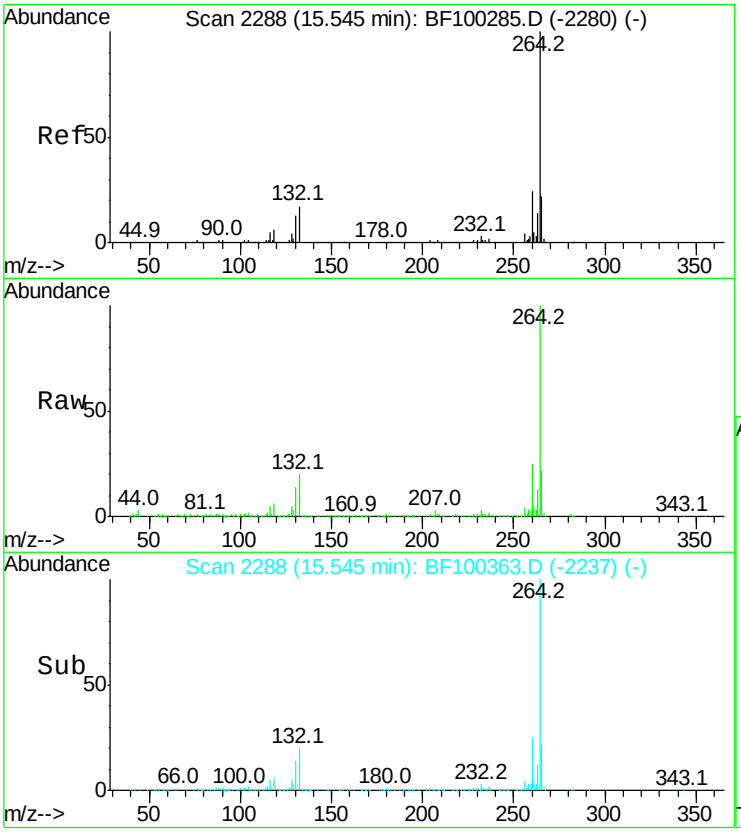


#78
Terphenyl-d14
Concen: 60.821 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100363.D
Acq: 10 Nov 2017 1:33

Tgt Ion:244 Resp: 960680

Ion	Ratio	Lower	Upper
244	100		
212	7.0	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: BF100363.D
Acq: 10 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 362417

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.5	26.3