Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093743.D
Acq On : 18 Mar 2017 10:21
Operator : SJ/MA
Sample : I2263-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101S

Quant Time: Mar 20 01:05:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	206032	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	782390	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	365751	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	705778	20.00	ng		0.00
75) Chrysene-d12	13.99	240	579385	20.00	ng		-0.01
86) Perylene-d12	15.40	264	471024	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	746783	60.43	ng		0.00
7) Phenol-d6	6.47	99	688854	44.97	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1197251	91.84	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	394257	164.70	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	2118755	109.31	ng		0.00
78) Terphenyl-d14	12.95	244	1671387	62.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	20057	3.14	ng		95
9) Benzaldehyde	6.47	77	1767	Below Cal		#	1
10) Phenol	6.48	94	49407	2.76	ng		83
19) n-Nitroso-di-n-propylamine	7.41	70	164730	16.20	ng	#	78
25) Isophorone	7.41	82	1172015	46.71	ng	#	67
50) 2,6-Dinitrotoluene	9.88	165	46557	9.02	ng	#	34
56) 2,4-Dinitrotoluene	9.88	165	46559	6.78	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.66	198	955	4.16	ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	25572	3.83	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
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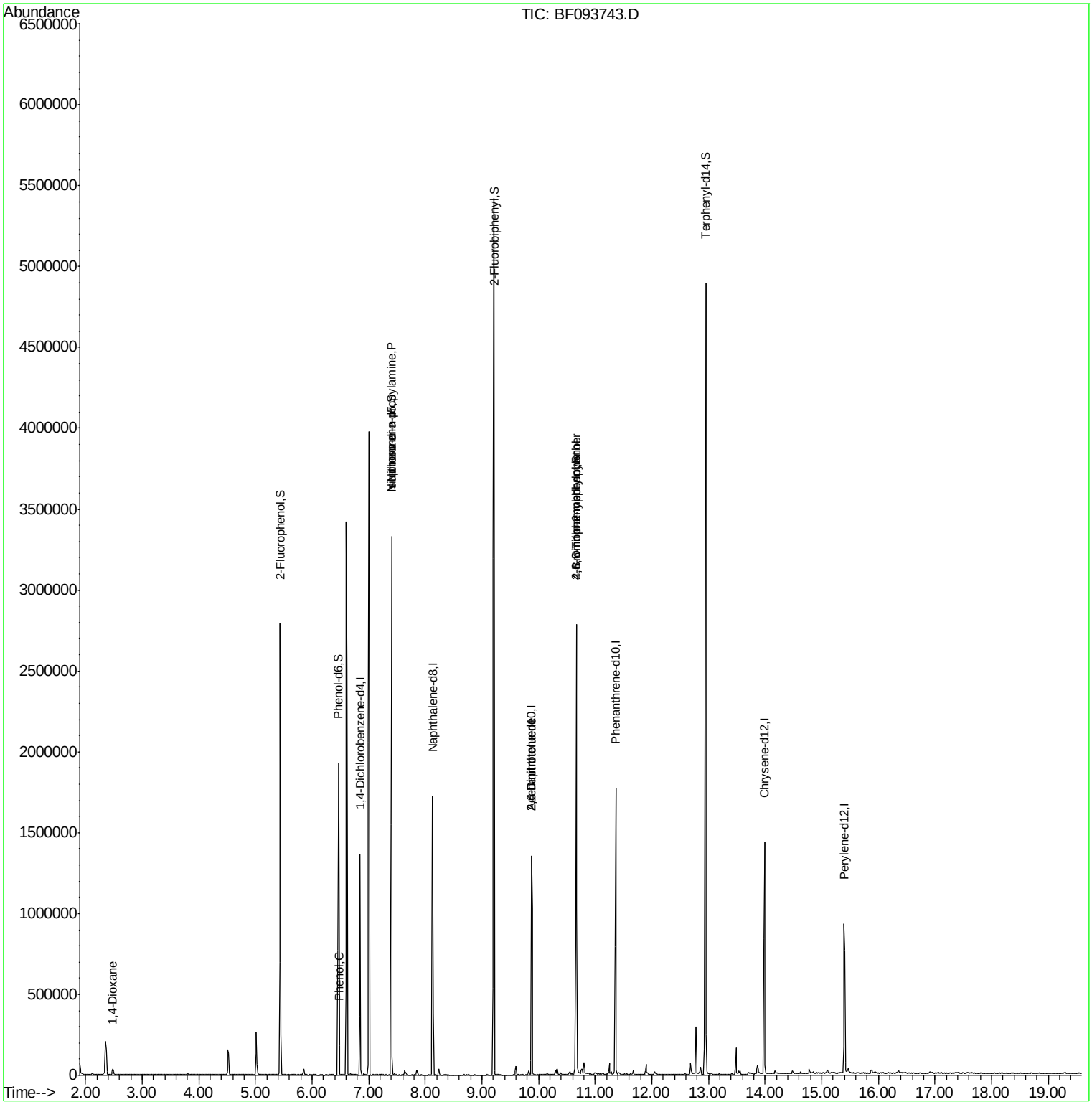
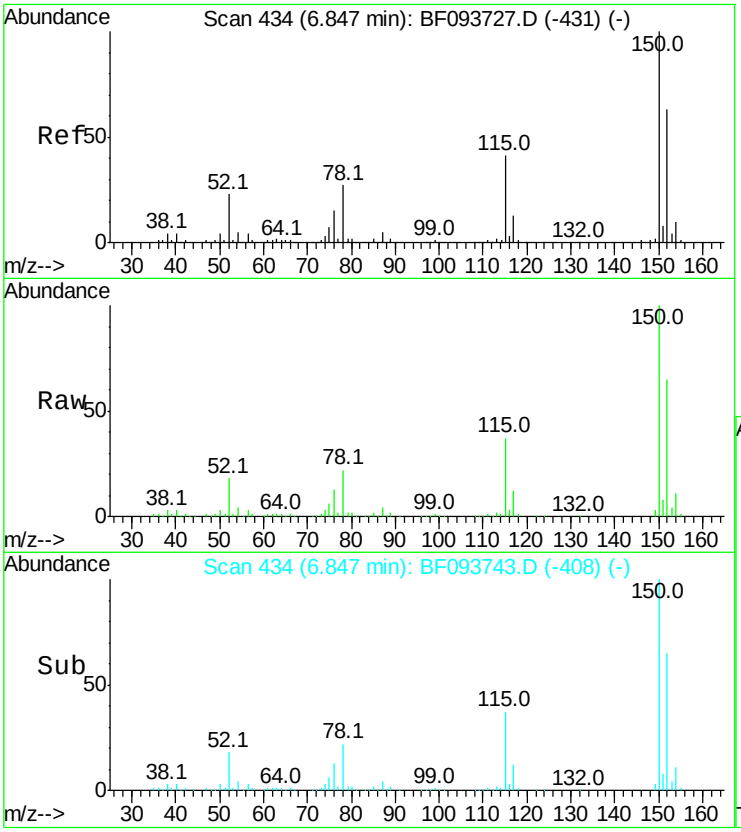


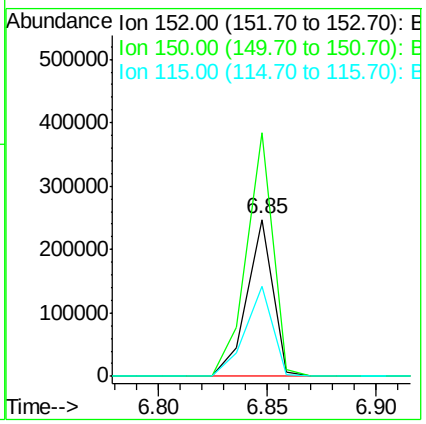


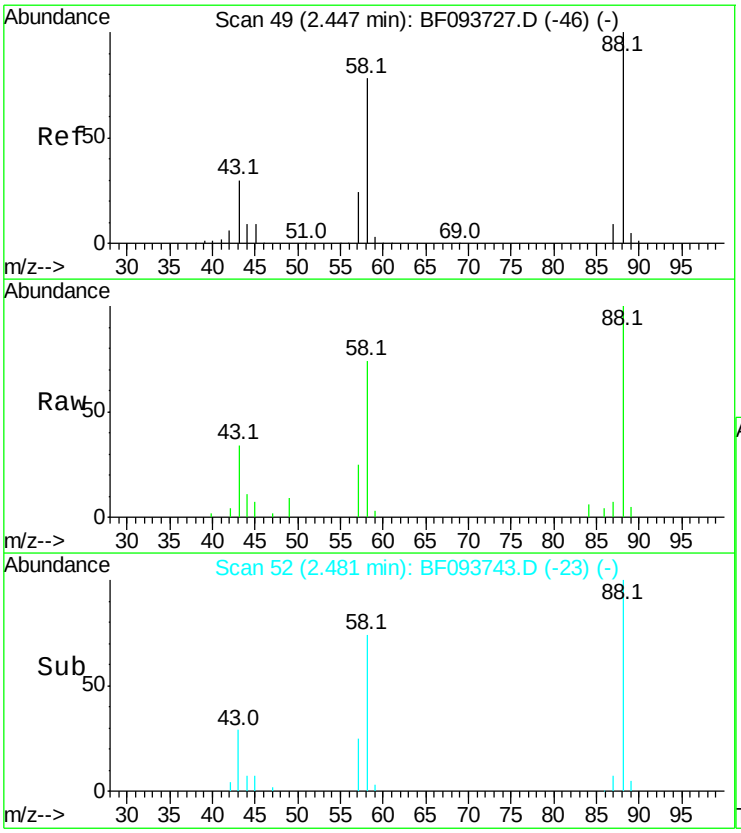
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:152 Resp: 206032

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	57.6	52.2	78.2

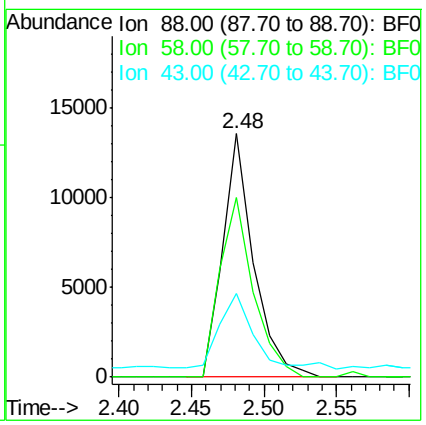


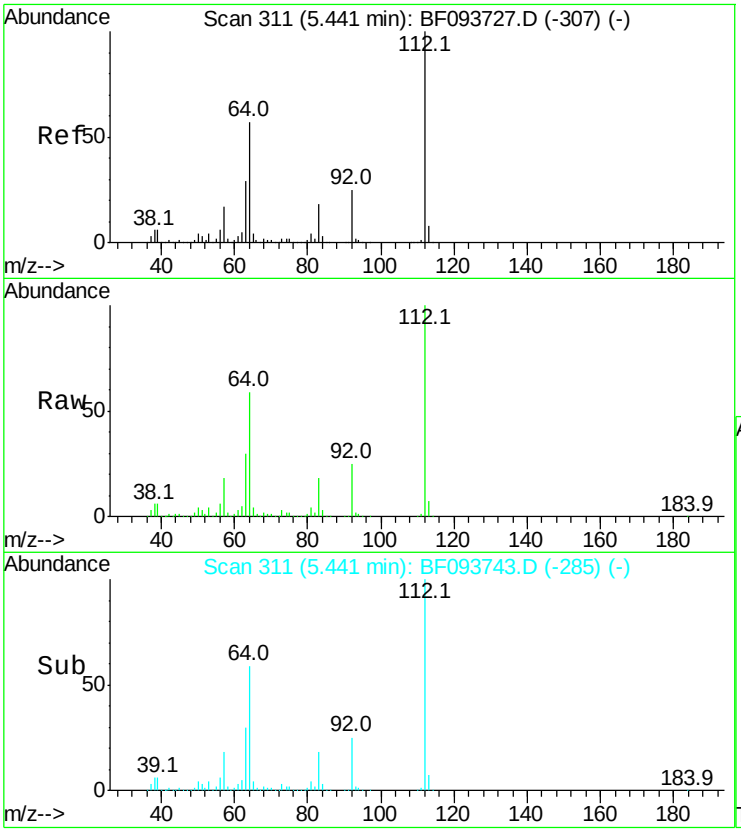


#2
1,4-Dioxane
Concen: 3.14 ng
RT: 2.48 min Scan# 52
Delta R.T. 0.03 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion: 88 Resp: 20057

Ion	Ratio	Lower	Upper
88	100		
58	79.5	61.4	92.0
43	34.2	23.4	35.0



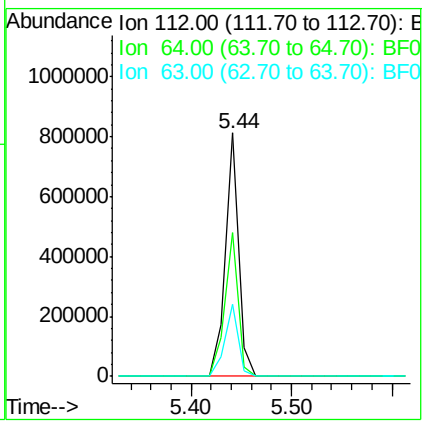


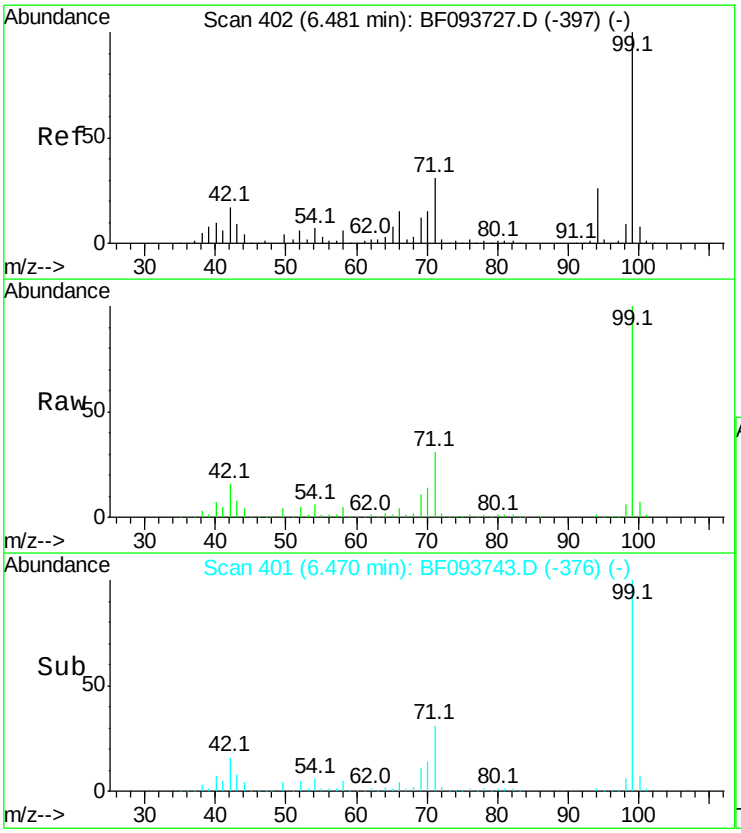
#5
2-Fluorophenol
Concen: 60.43 ng
RT: 5.44 min Scan# 311
Delta R.T. -0.00 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:112 Resp: 746783

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	29.6	23.4	35.0

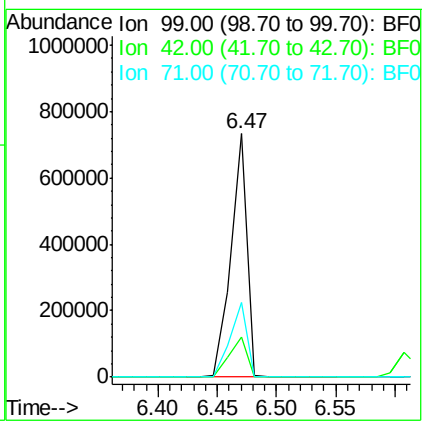


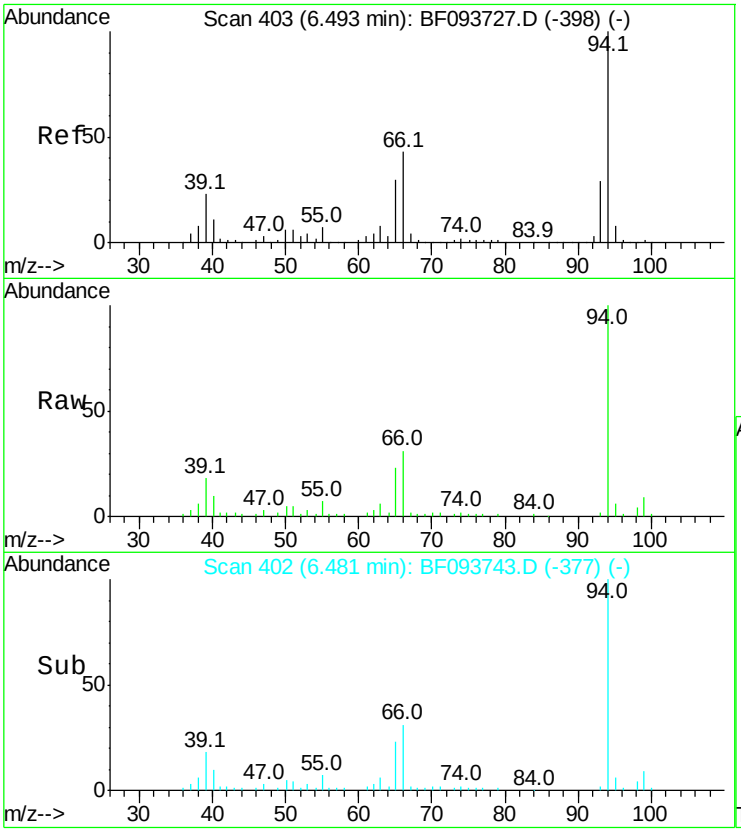


#7
Phenol-d6
Concen: 44.97 ng
RT: 6.47 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion: 99 Resp: 688854

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	30.8	24.5	36.7



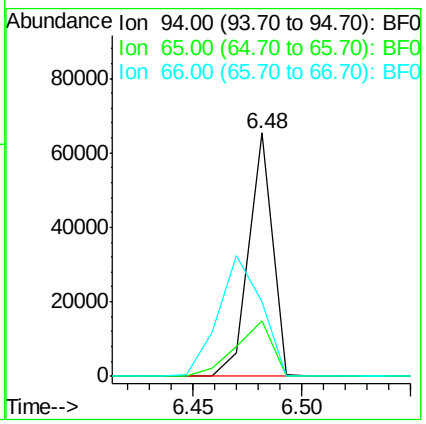


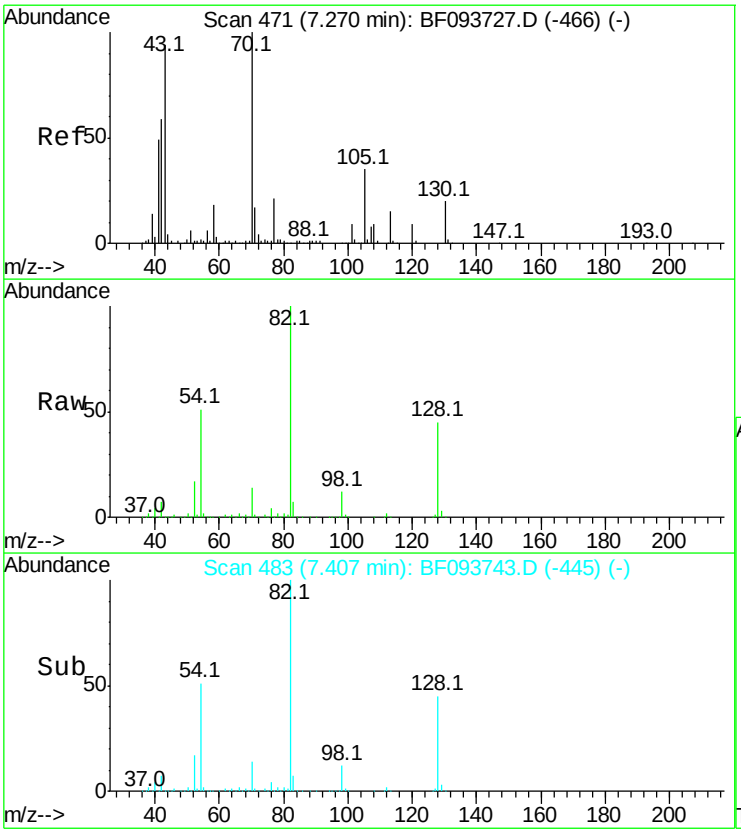
#10
Phenol
Concen: 2.76 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion: 94 Resp: 49407

Ion	Ratio	Lower	Upper
94	100		
65	22.7	9.9	49.9
66	30.6	23.1	63.1

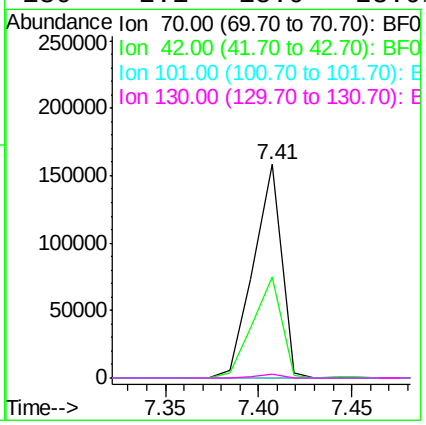


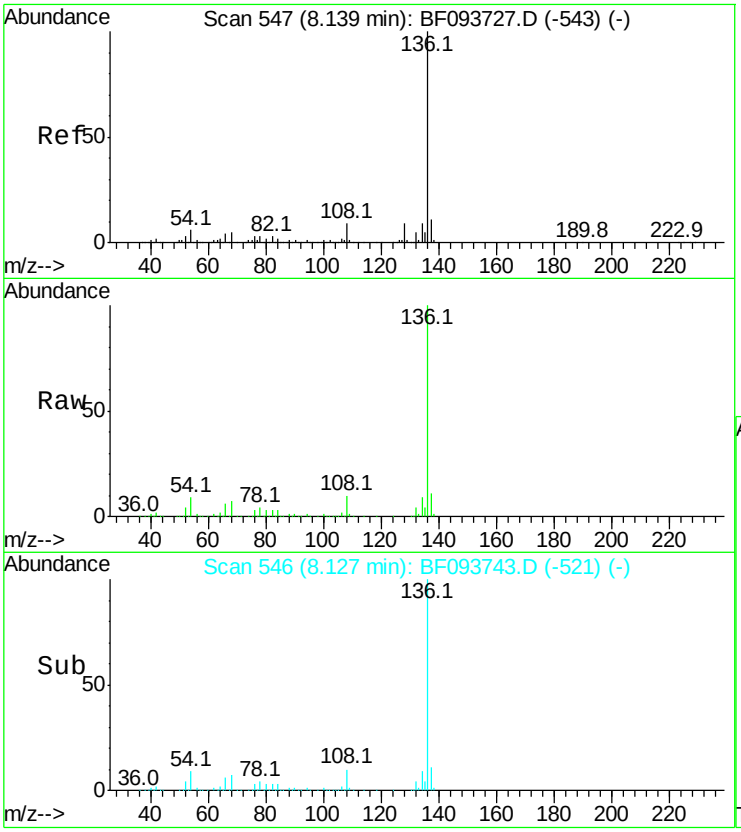


#19
n-Nitroso-di-n-propylamine
Concen: 16.20 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.14 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion: 70 Resp: 164730

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



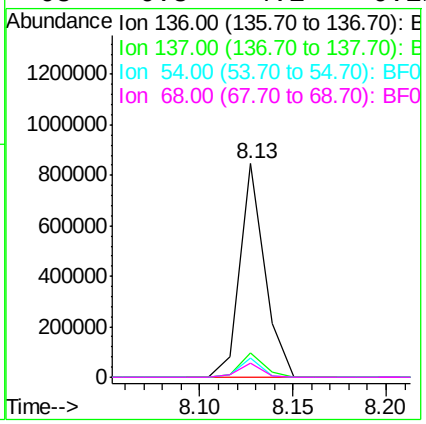


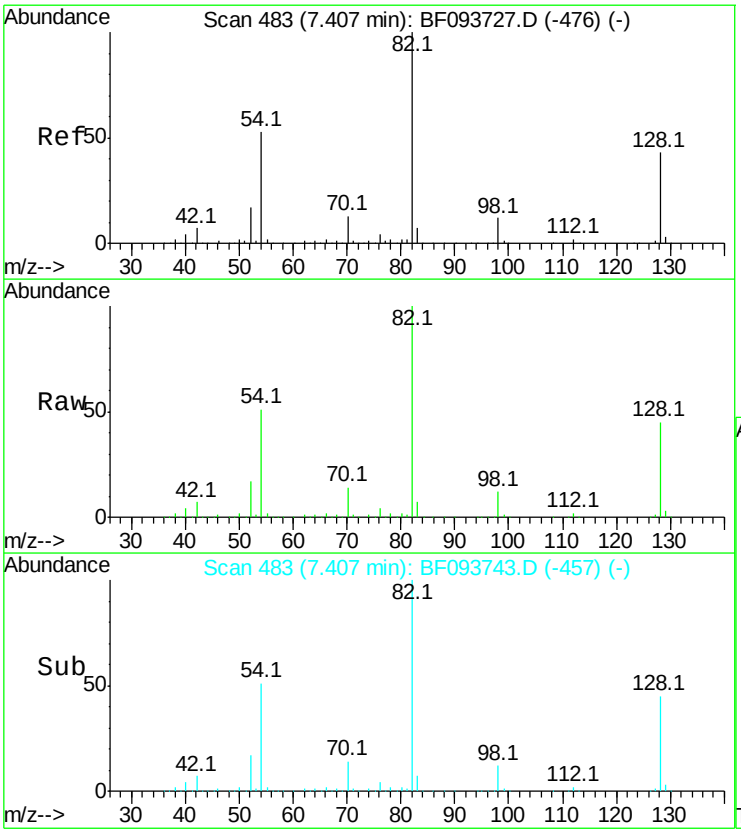
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:136 Resp: 782390

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.9	4.9	7.3#
68	6.8	4.1	6.1#

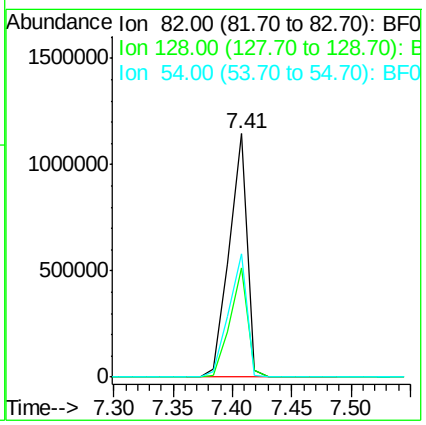


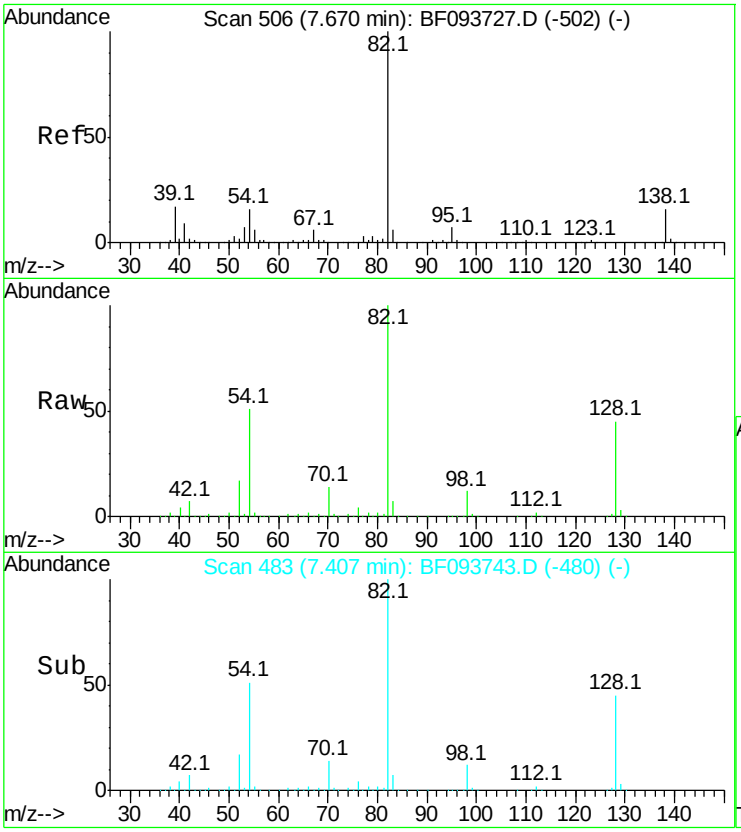


#23
Nitrobenzene-d5
Concen: 91.84 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion: 82 Resp: 1197251

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	50.8	42.2	63.2



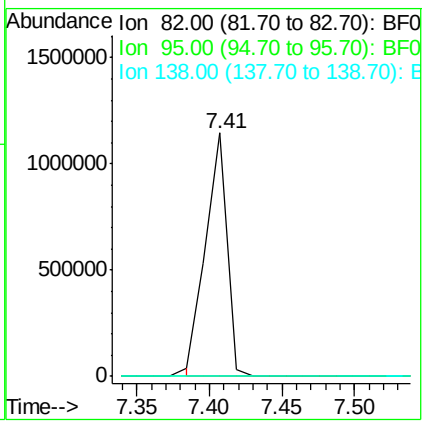


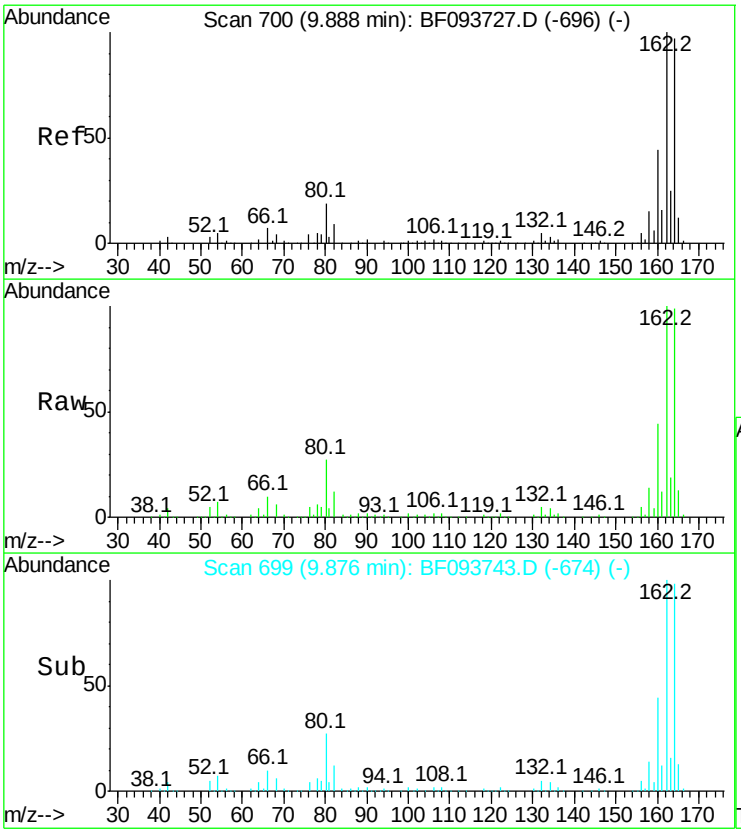
#25
Isophorone
Concen: 46.71 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.26 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion: 82 Resp: 1172015

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

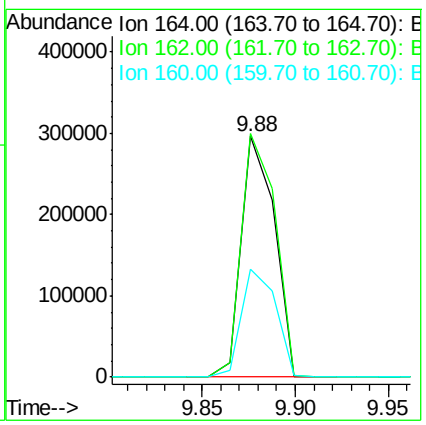


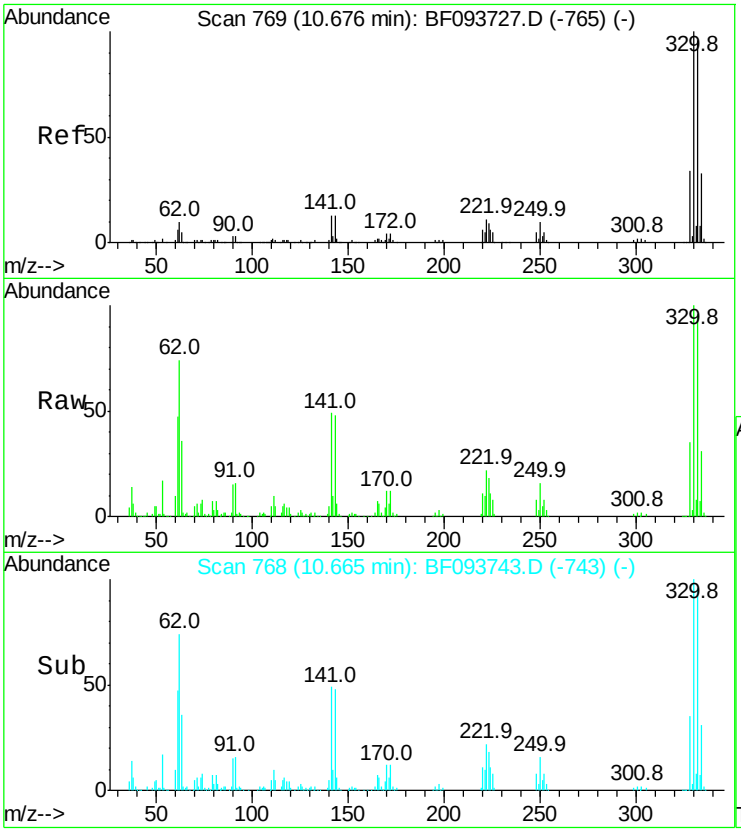


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion:164 Resp: 365751

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	44.7	36.2	54.2



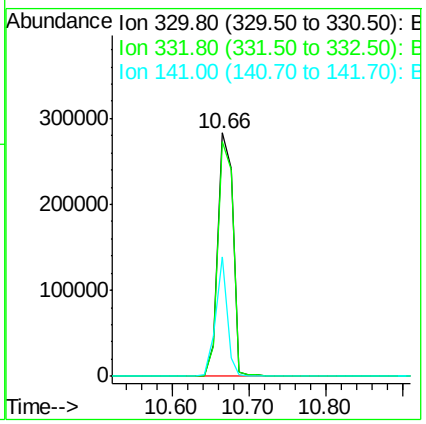


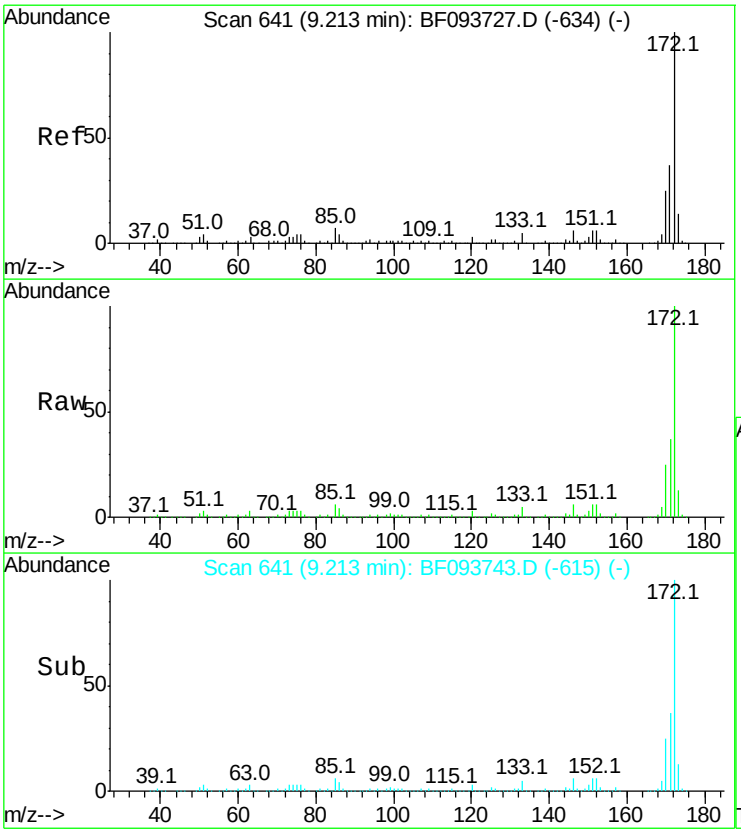
#41
2,4,6-Tribromophenol
Concen: 164.70 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:330 Resp: 394257

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	37.1	31.4	47.2

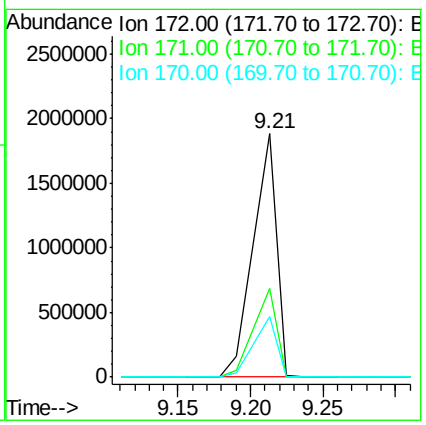


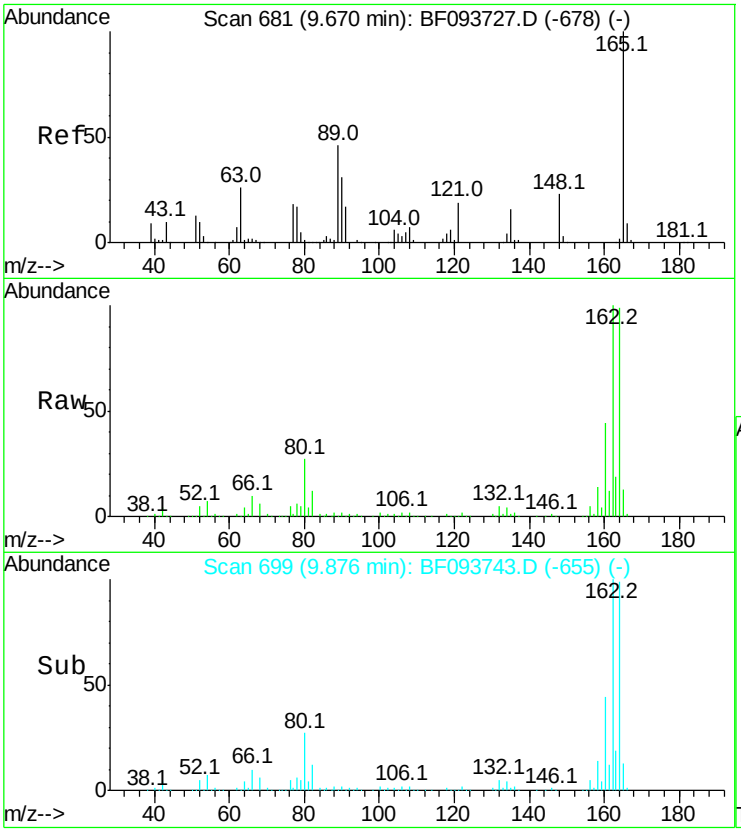


#44
2-Fluorobiphenyl
Concen: 109.31 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion:172 Resp: 2118755

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.8	19.8	29.8



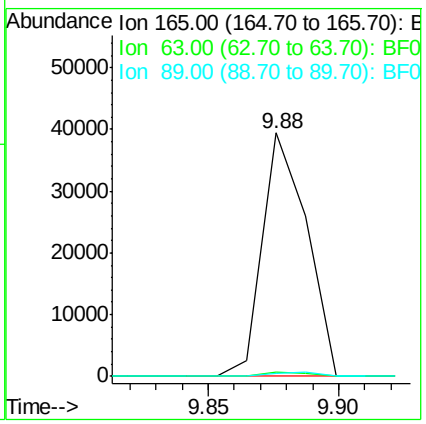


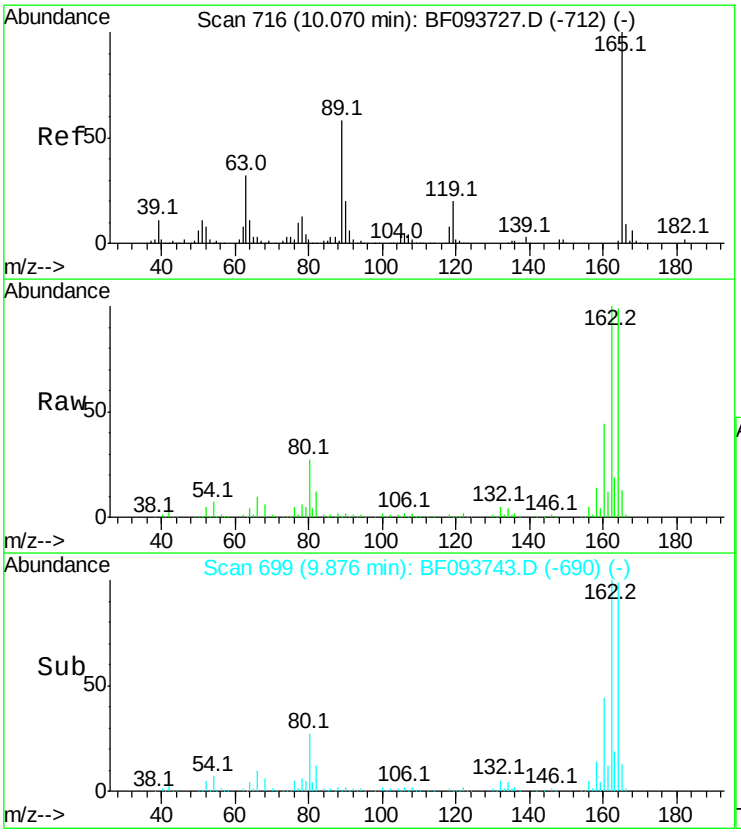
#50
2,6-Dinitrotoluene
Concen: 9.02 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.21 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:165 Resp: 46557

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.2	37.1	55.7#

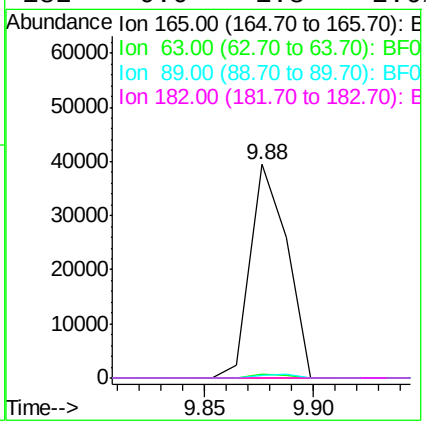


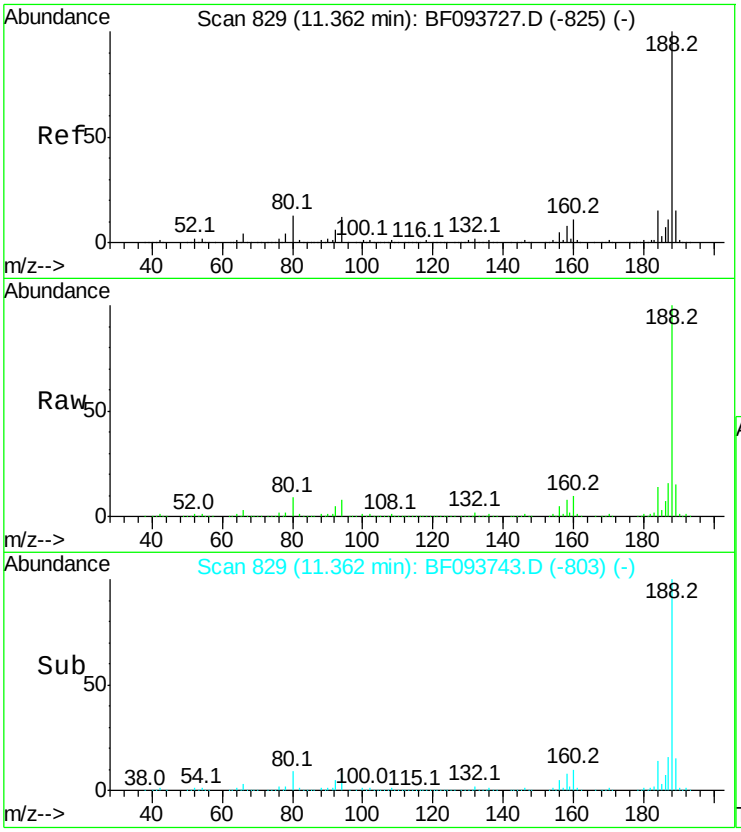


#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.19 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion:165 Resp: 46559

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



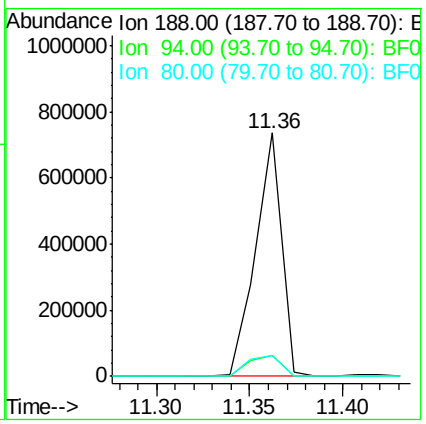


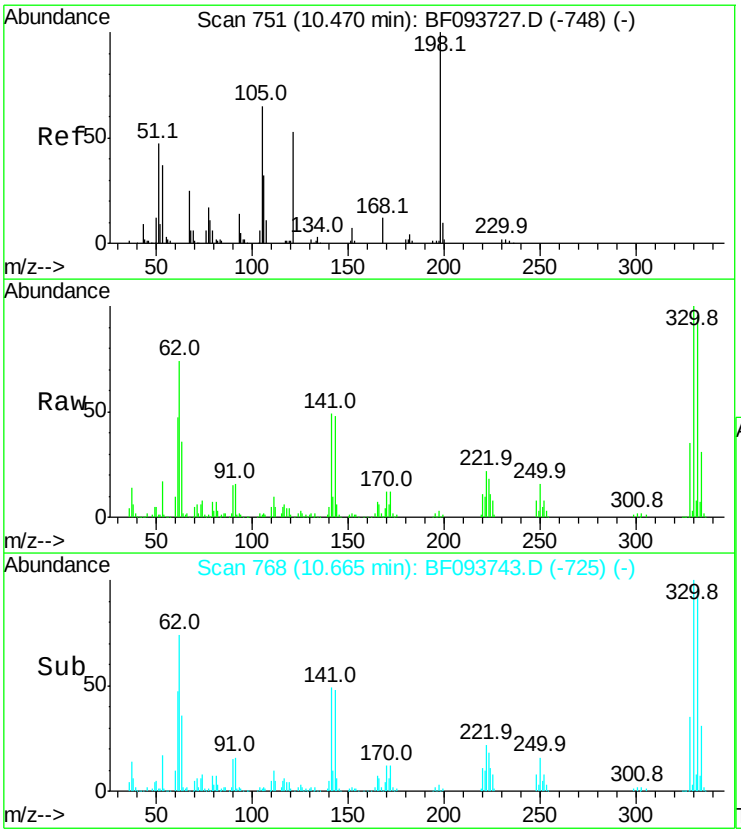
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:188 Resp: 705778

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.4	14.2#
80	8.5	10.2	15.2#

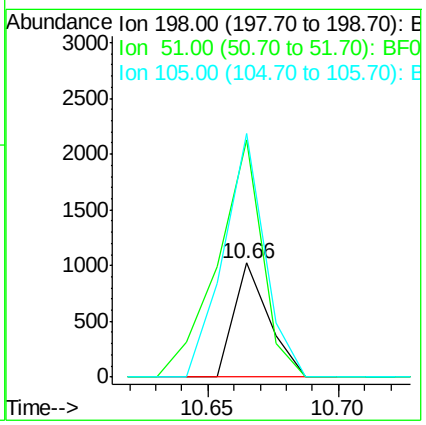


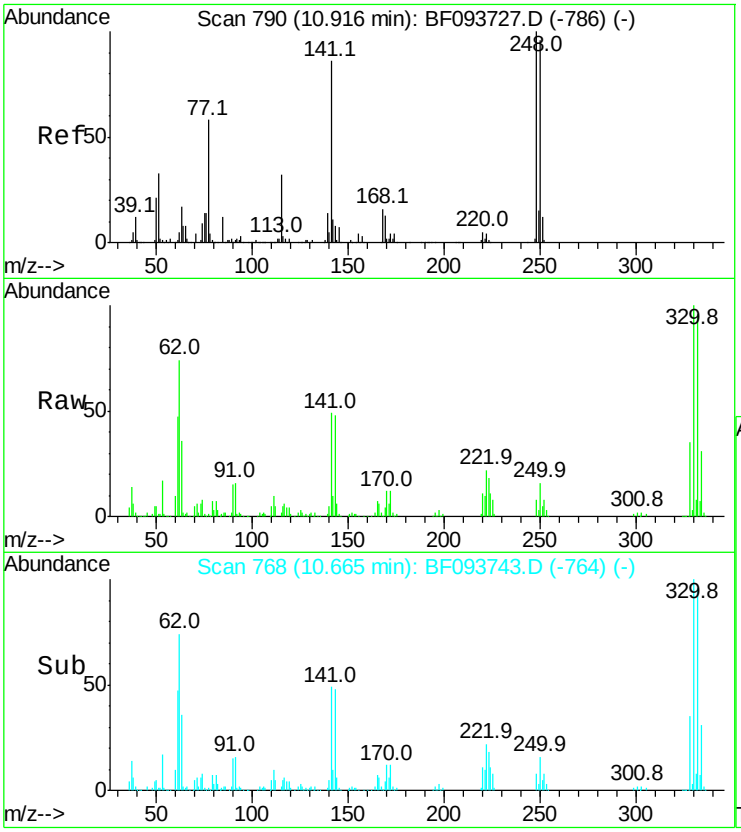


#64
4,6-Dinitro-2-methylphenol
Concen: 4.16 ng
RT: 10.66 min Scan# 768
Delta R.T. 0.19 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion:198 Resp: 955

Ion	Ratio	Lower	Upper
198	100		
51	207.7	53.2	93.2#
105	213.7	45.8	85.8#



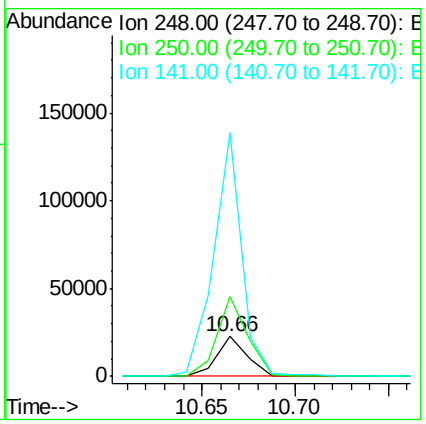


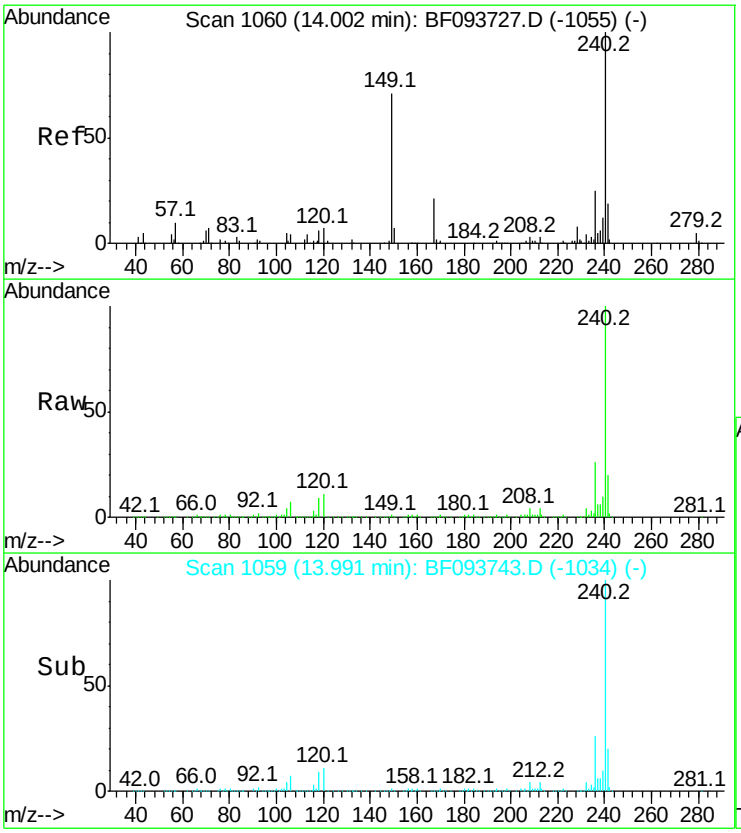
#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.25 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:248 Resp: 25572

Ion	Ratio	Lower	Upper
248	100		
250	199.7	76.8	115.2#
141	611.4	68.6	103.0#

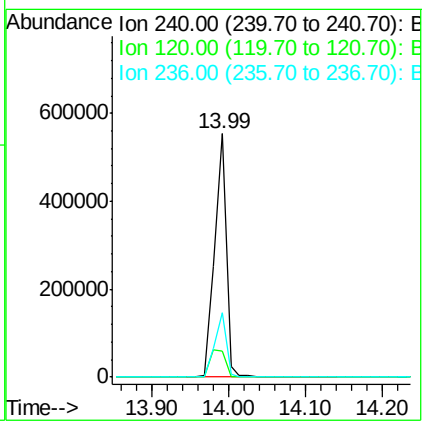


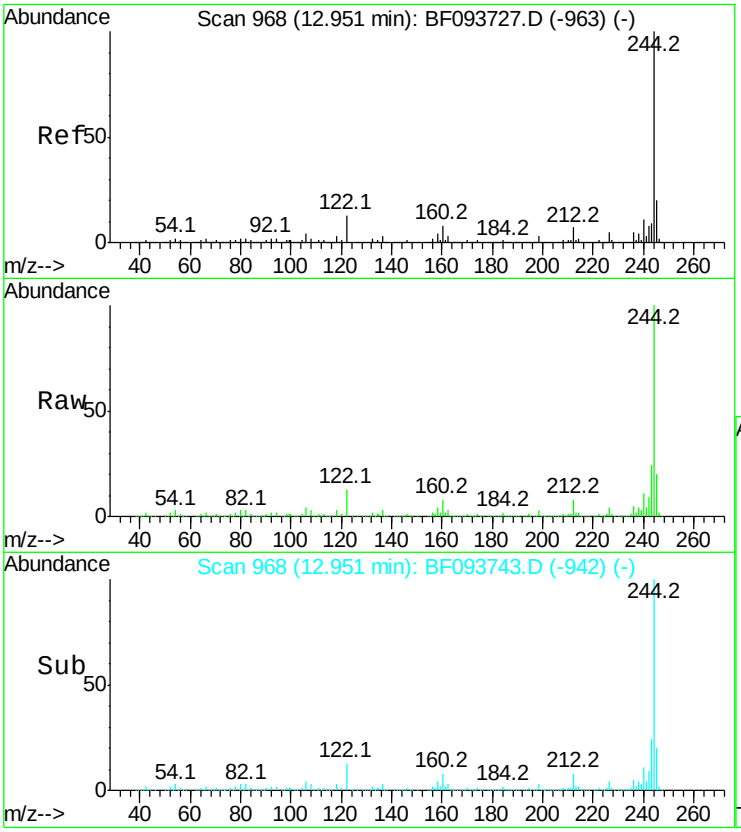


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion:240 Resp: 579385

Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.8	8.8#
236	26.3	20.5	30.7



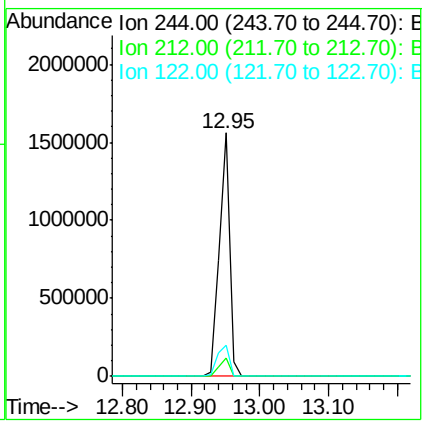


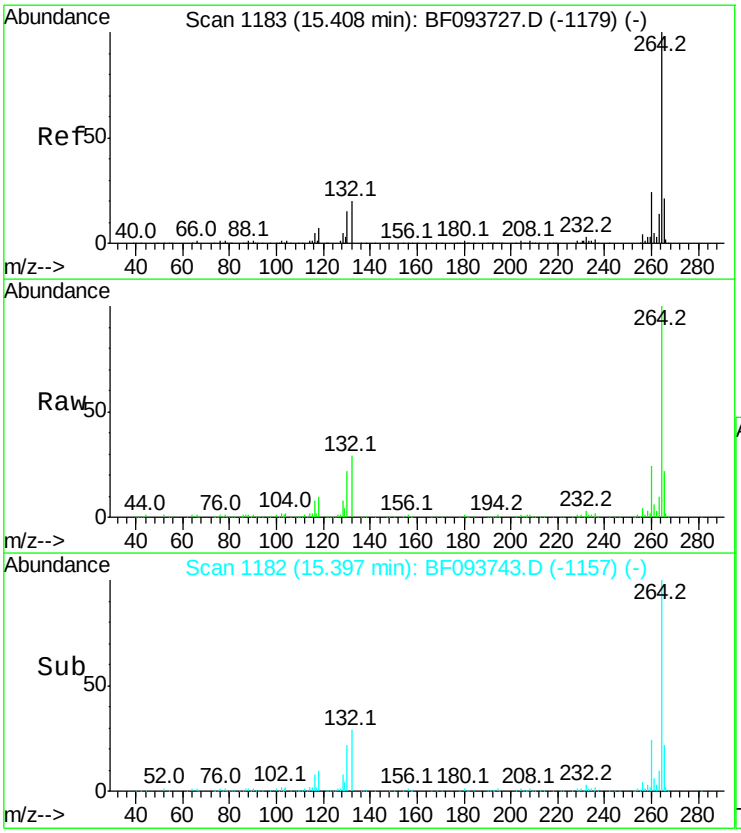
#78
Terphenyl-d14
Concen: 62.09 ng
RT: 12.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:244 Resp: 1671387

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	12.9	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF093743.D
Acq: 18 Mar 2017 10:21

Tgt Ion:264 Resp: 471024

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.6	17.2	25.8