Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093300.D
Acq On : 1 Mar 2017 20:15
Operator : SJ/MA
Sample : I2015-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 37A-9-11

Quant Time: Mar 02 00:05:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131343	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	528297	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	246850	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	451104	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	355245	20.00	ng	-0.05
86) Perylene-d12	15.39	264	274798	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	798791	104.34	ng	-0.05
7) Phenol-d6	6.45	99	1005888	102.12	ng	-0.03
23) Nitrobenzene-d5	7.38	82	662121	69.79	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	174814	97.91	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	961850	70.59	ng	-0.05
78) Terphenyl-d14	12.91	244	745960	49.34	ng	-0.06
Target Compounds						Qvalue
10) Phenol	6.46	94	68150	5.91	ng	# 75
19) n-Nitroso-di-n-propylamine	7.38	70	88135	14.06	ng	# 77
25) Isophorone	7.38	82	500027	28.29	ng	# 65
49) Dimethylphthalate	9.56	163	85233	5.13	ng	98
50) 2,6-Dinitrotoluene	9.85	165	31236	8.70	ng	# 31
56) 2,4-Dinitrotoluene	9.85	165	31238	6.53	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	325	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	13517	2.87	ng	# 1

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

Quantitation Report (Not Reviewed)

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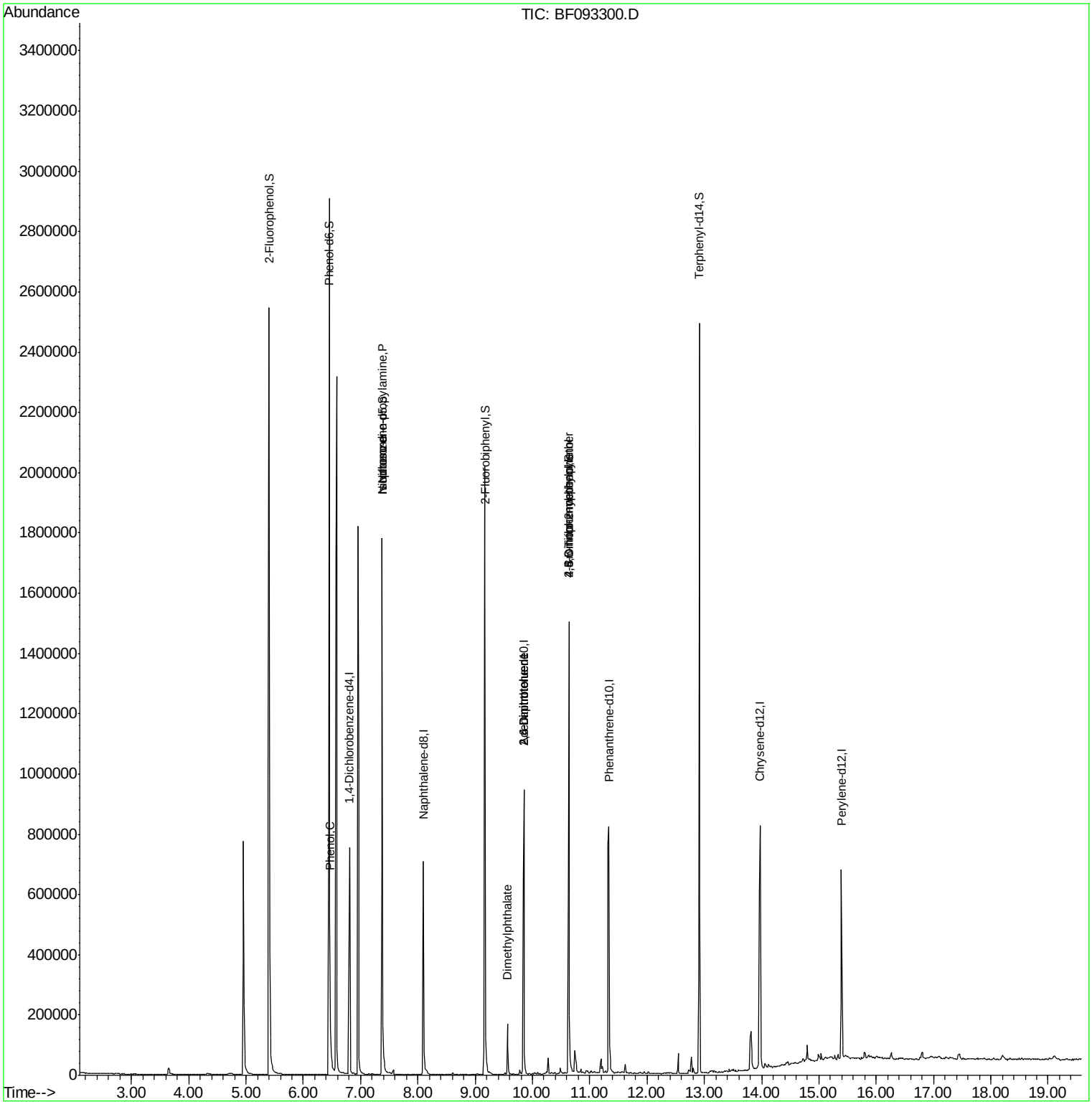
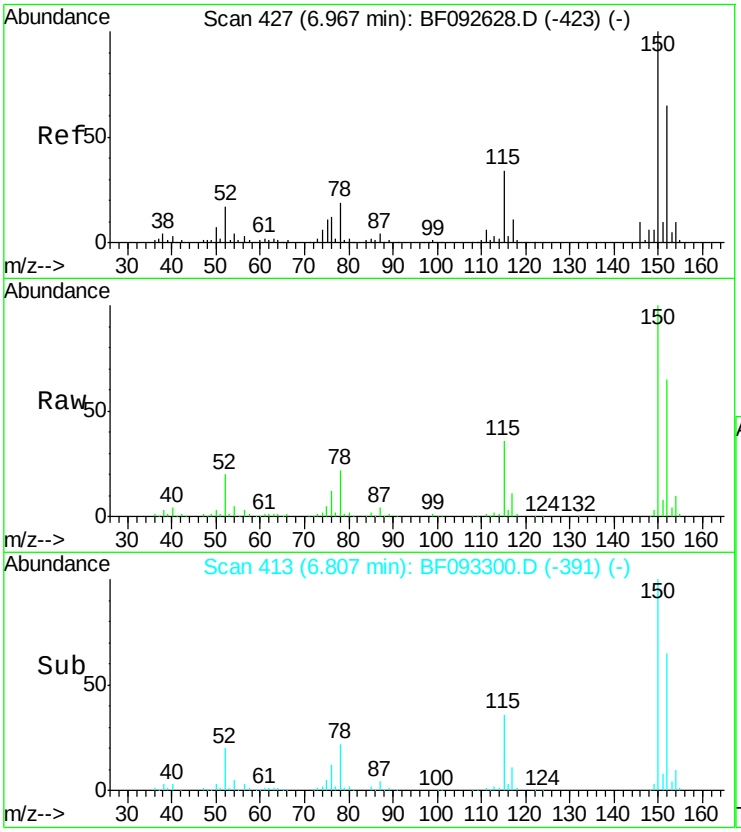


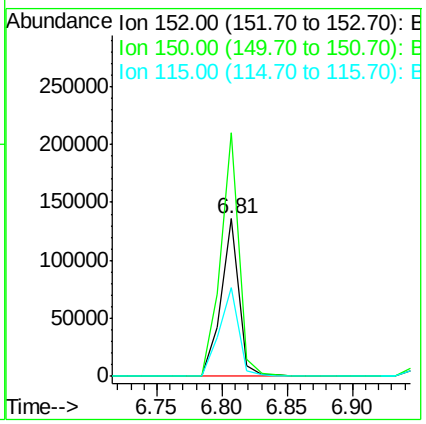


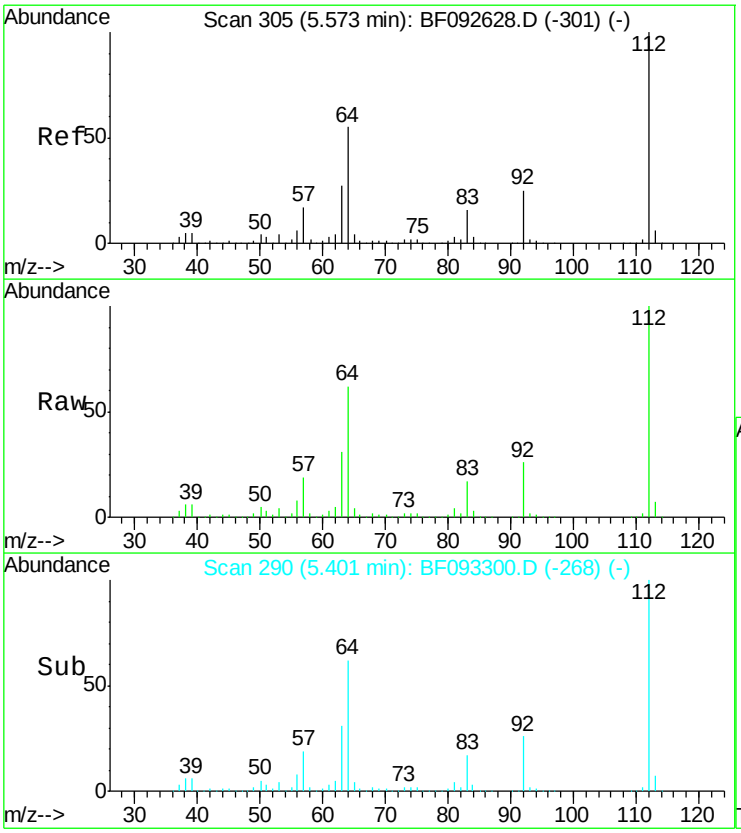
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion:152 Resp: 131343

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.9	187.3
115	56.4	46.0	69.0

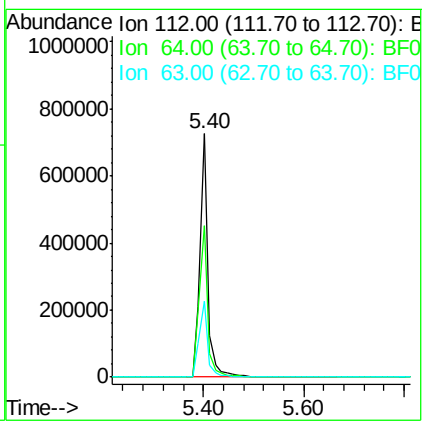


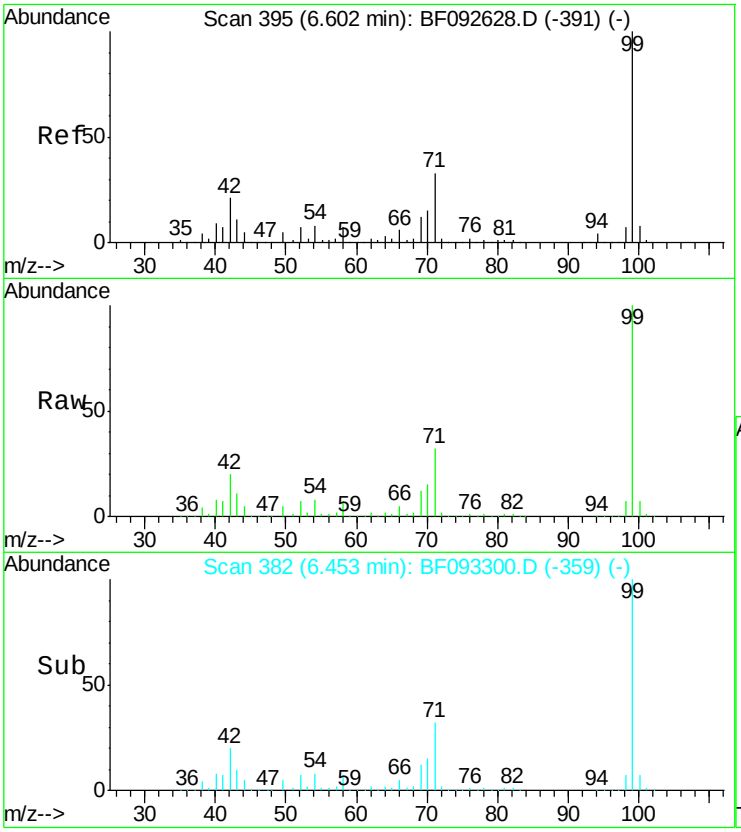


#5
2-Fluorophenol
Concen: 104.34 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion:112 Resp: 798791

Ion	Ratio	Lower	Upper
112	100		
64	62.2	46.1	69.1
63	31.4	23.8	35.6



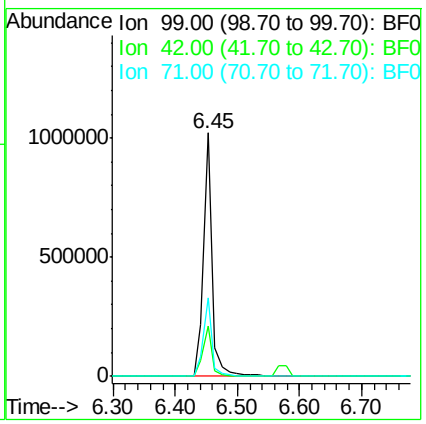


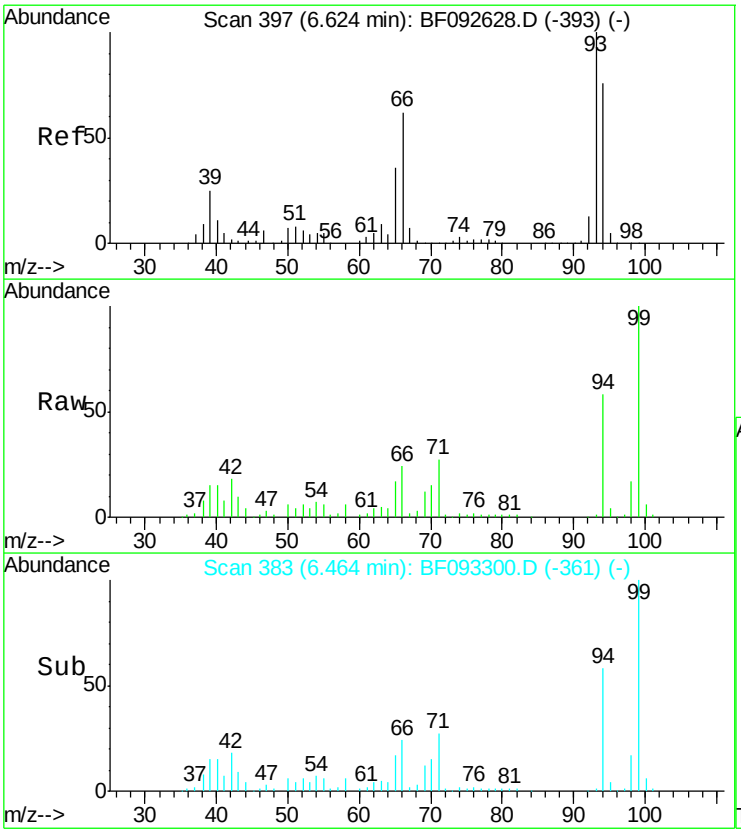
#7
Phenol-d6
Concen: 102.12 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.03 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion: 99 Resp: 1005888

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.6	23.4
71	32.4	27.5	41.3

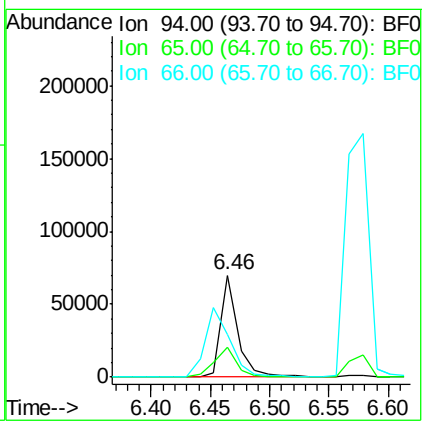


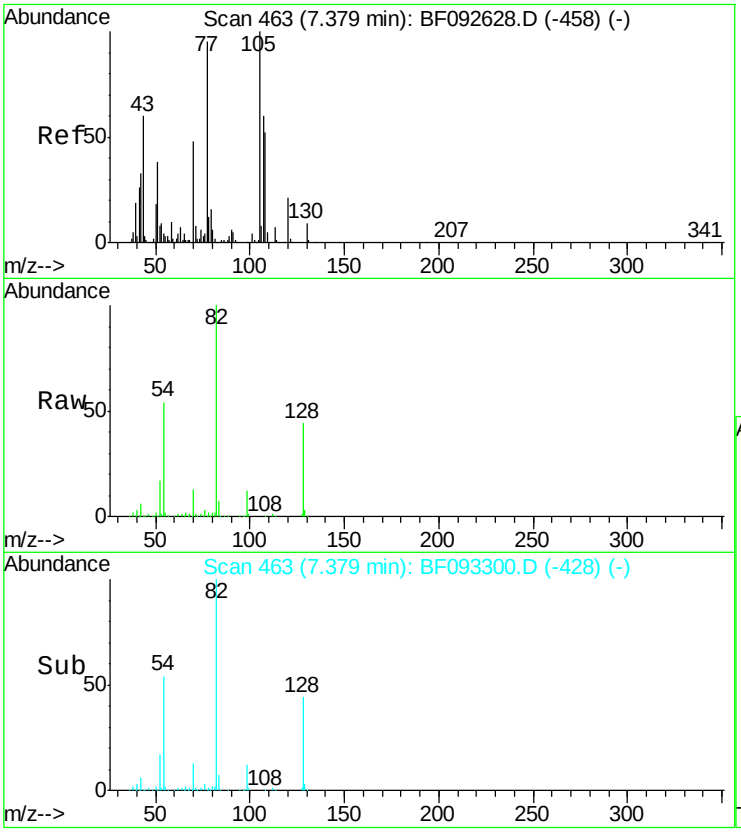


#10
Phenol
Concen: 5.91 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion: 94 Resp: 68150

Ion	Ratio	Lower	Upper
94	100		
65	29.0	21.4	61.4
66	42.1	44.0	84.0#



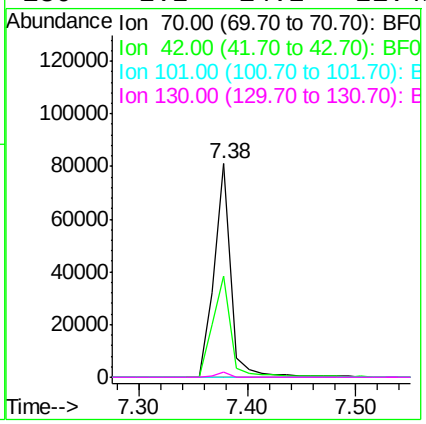


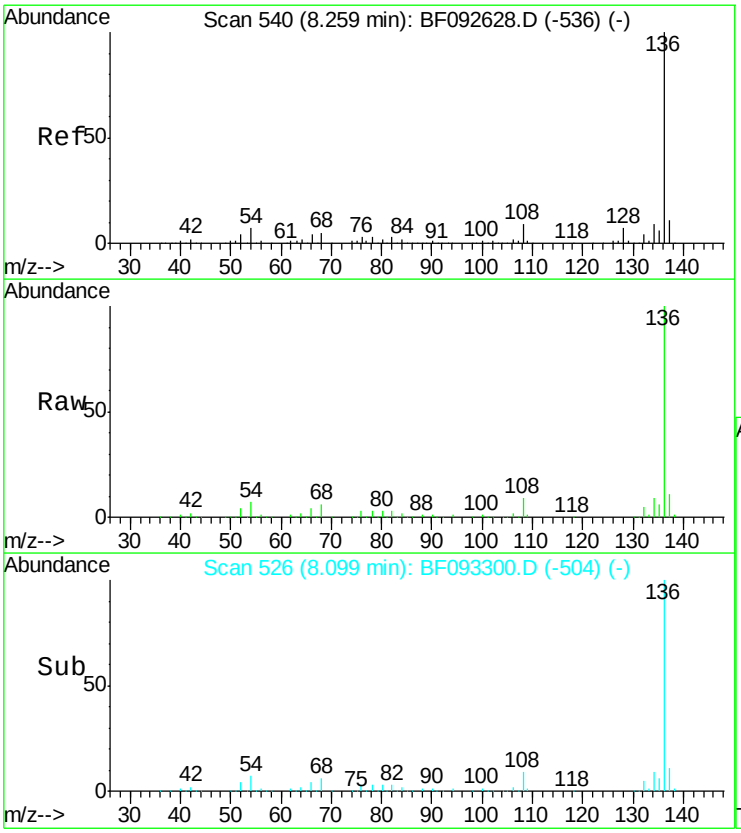
#19
n-Nitroso-di-n-propylamine
Concen: 14.06 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion: 70 Resp: 88135

Ion	Ratio	Lower	Upper
70	100		
42	47.4	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

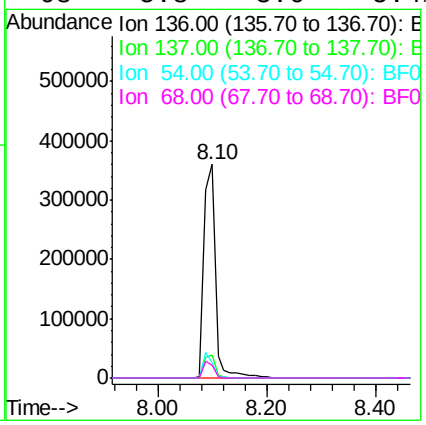


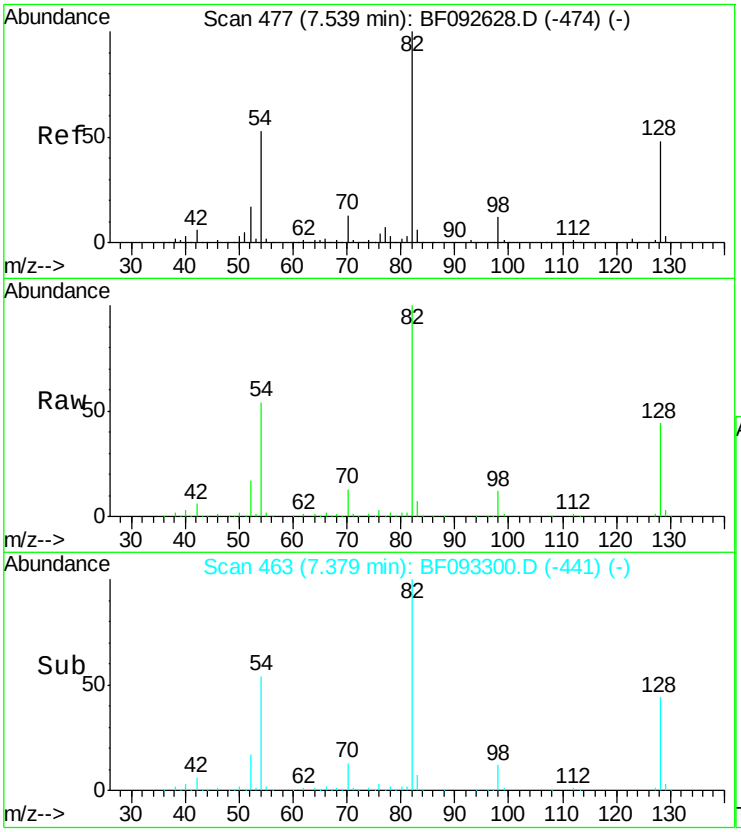


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion:136 Resp: 528297

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.4	4.5	6.7#
68	5.8	3.6	5.4#



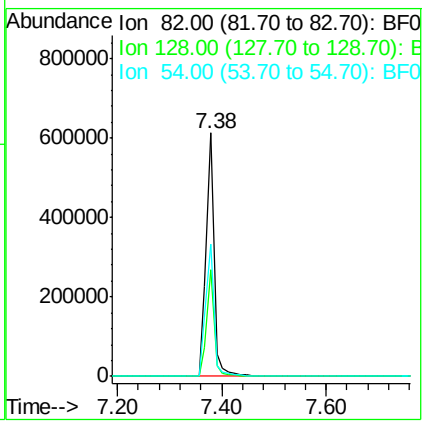


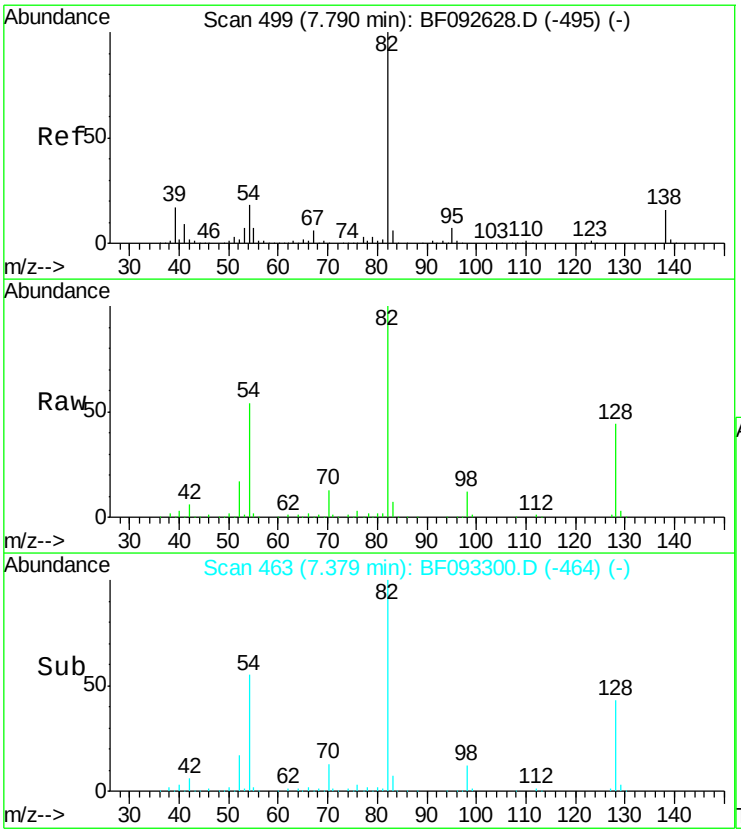
#23
Nitrobenzene-d5
Concen: 69.79 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion: 82 Resp: 662121

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	54.1	39.5	59.3

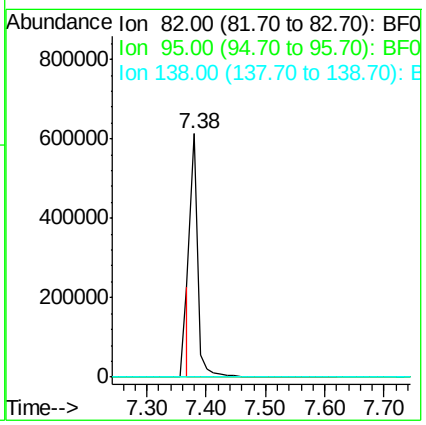


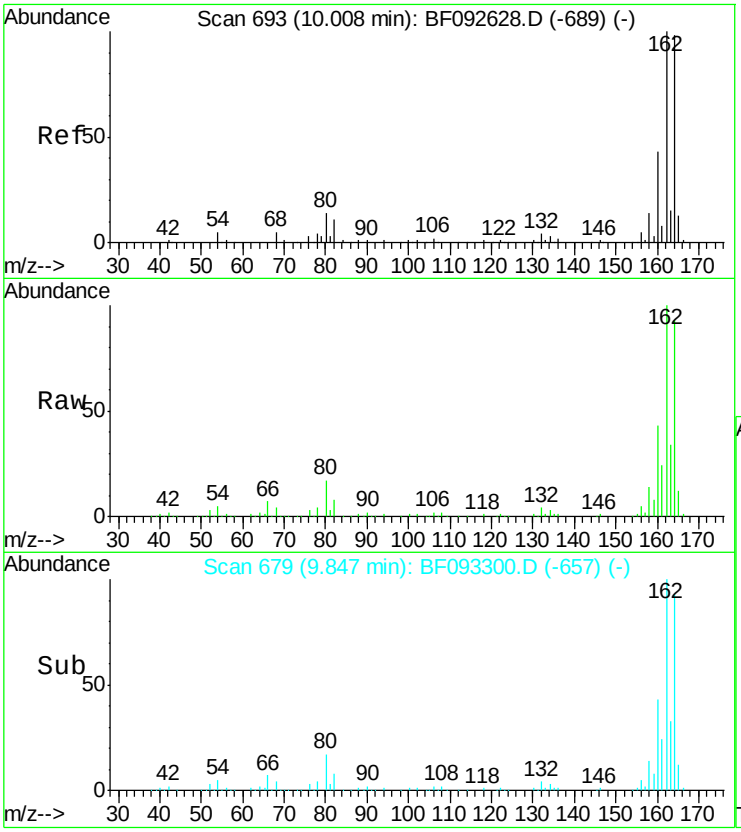


#25
Isophorone
Concen: 28.29 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion: 82 Resp: 500027

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



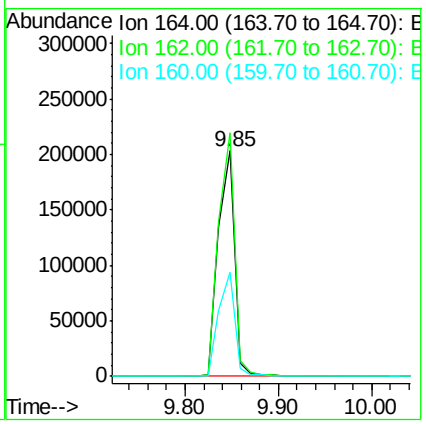


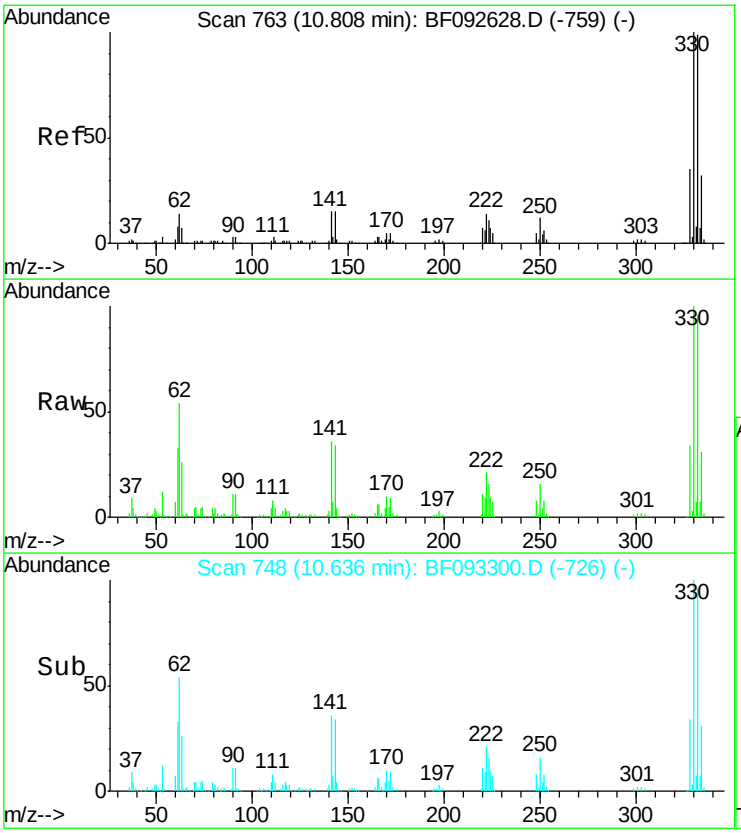
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion:164 Resp: 246850

Ion	Ratio	Lower	Upper
164	100		
162	108.0	80.2	120.2
160	46.0	36.9	55.3

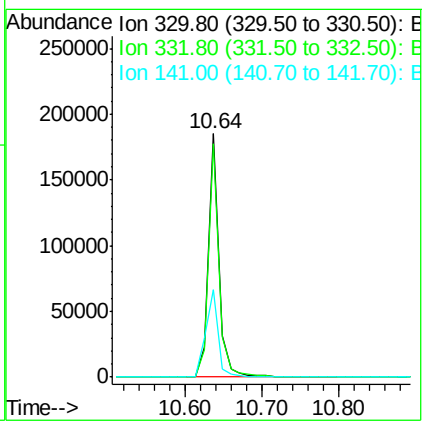


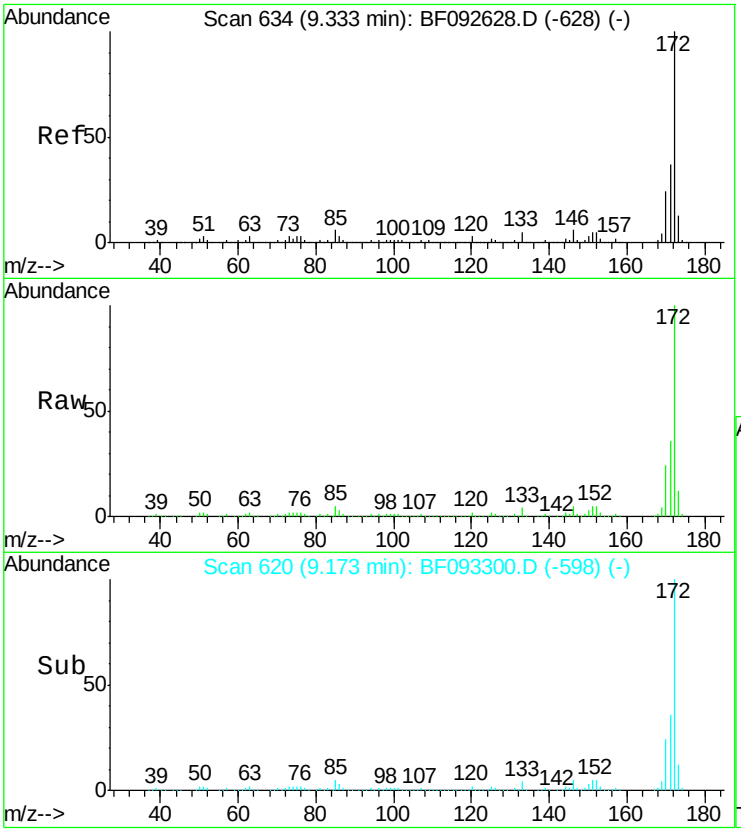


#41
2,4,6-Tribromophenol
Concen: 97.91 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion:330 Resp: 174814

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	42.9	34.1	51.1



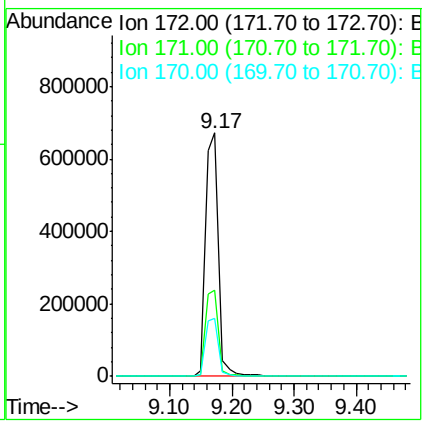


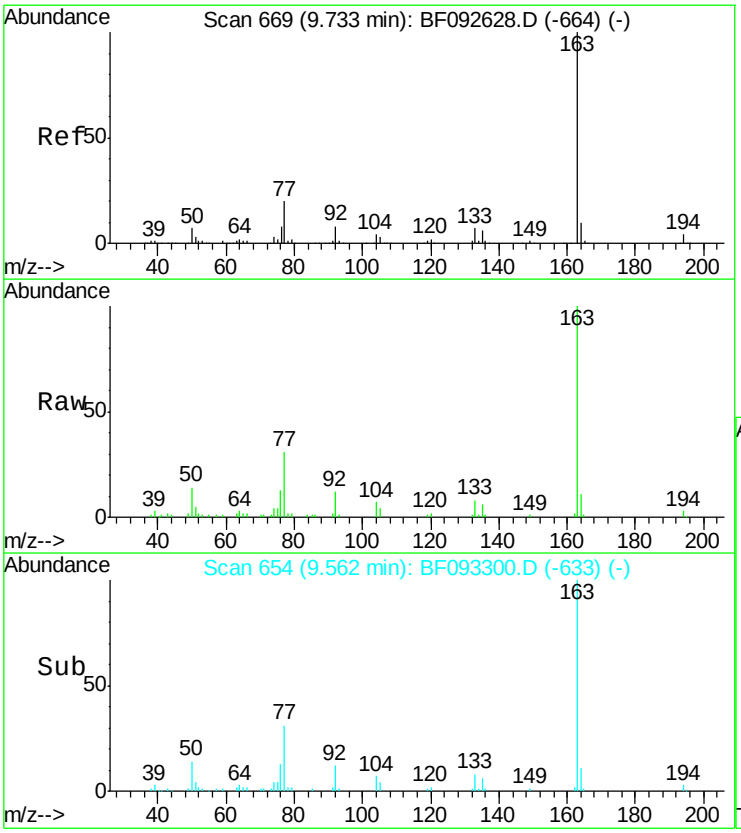
#44
2-Fluorobiphenyl
Concen: 70.59 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion:172 Resp: 961850

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.0	20.2	30.4

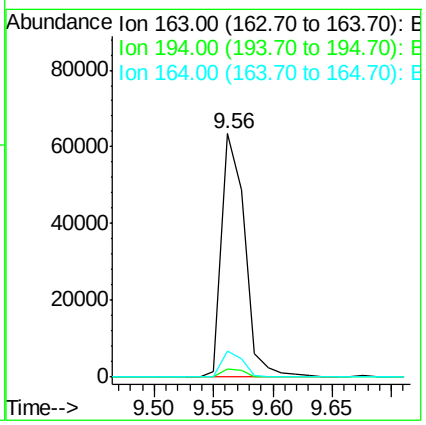


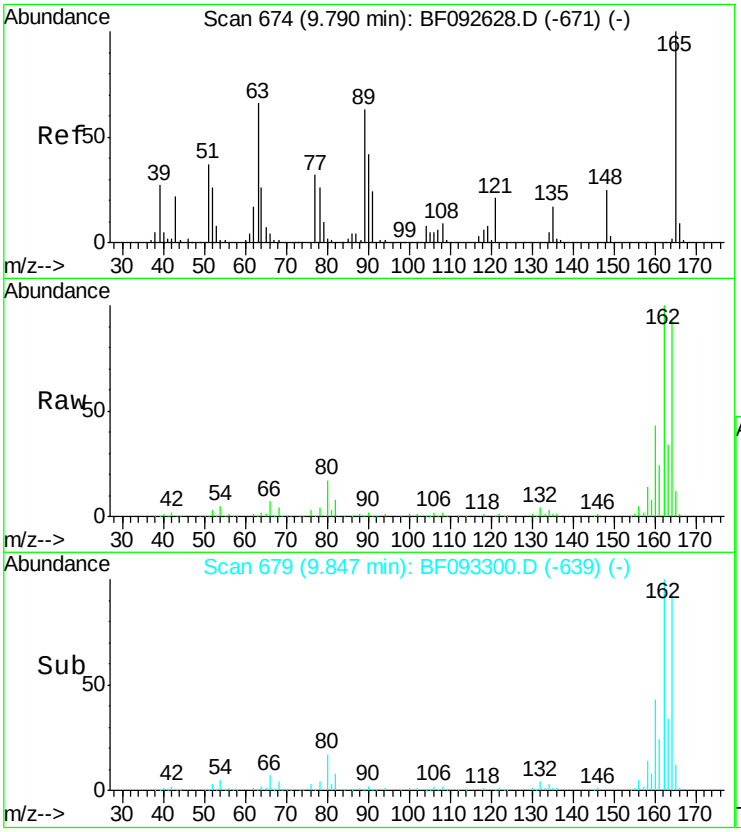


#49
Dimethylphthalate
Concen: 5.13 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion:163 Resp: 85233

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.7	8.0	12.0



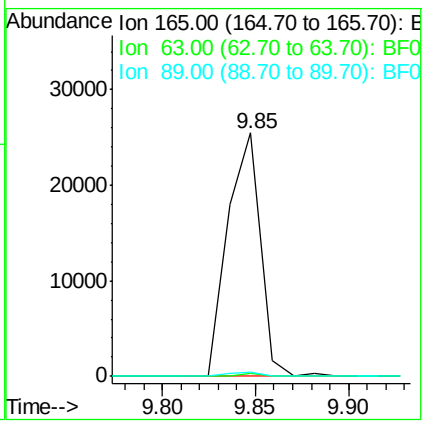


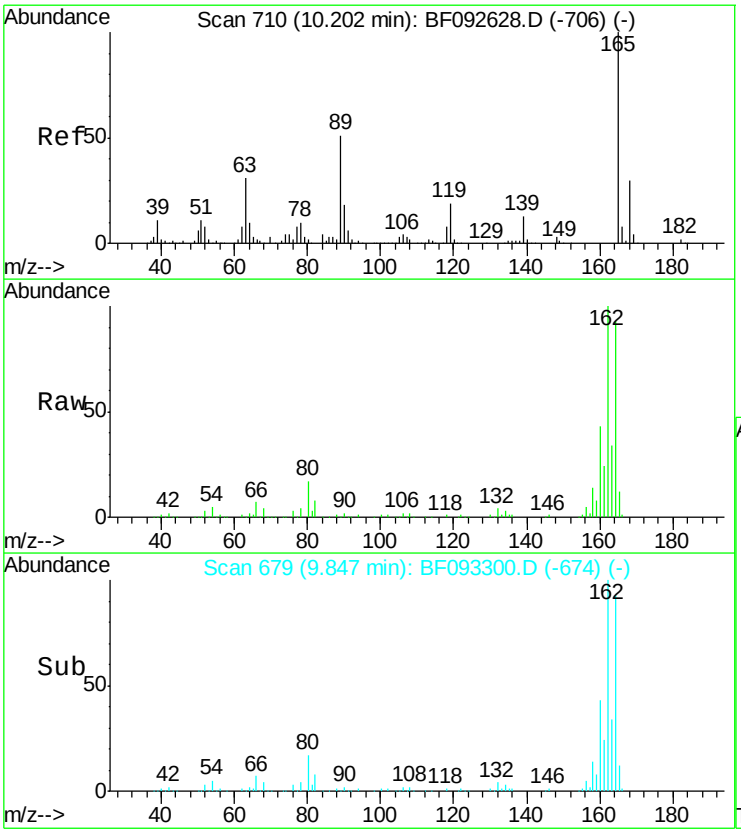
#50
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion:165 Resp: 31236

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.8	40.2	60.4#

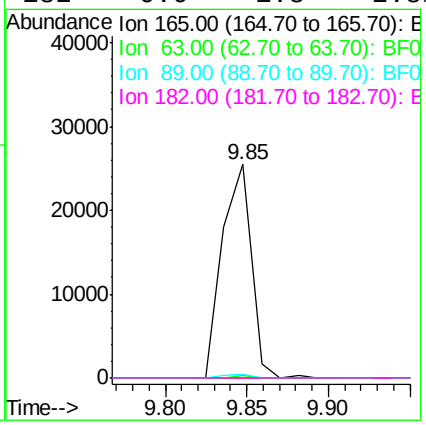


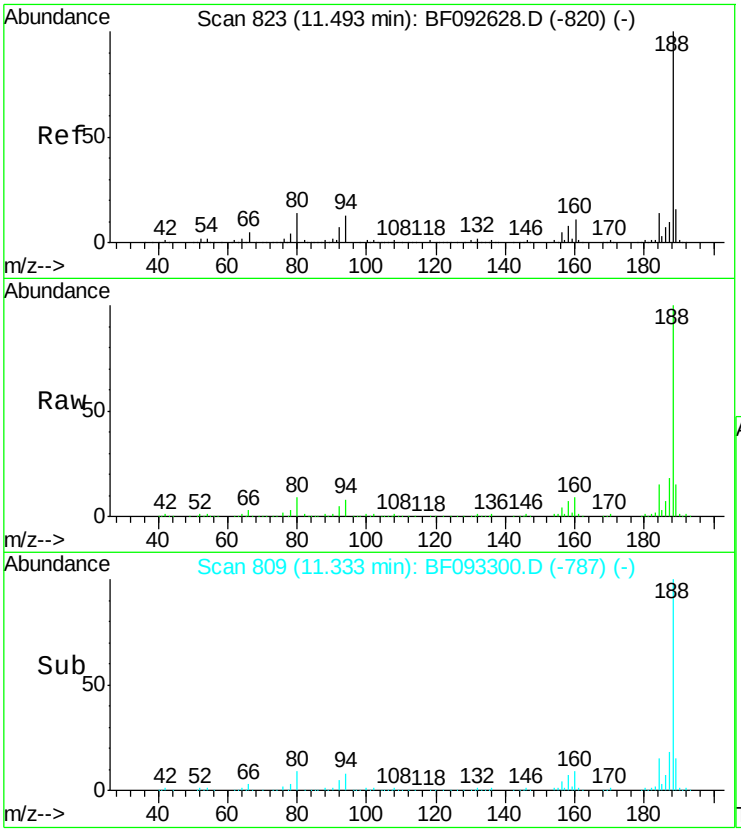


#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion:165 Resp: 31238

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.8	62.5	93.7#
182	0.0	1.8	2.8#



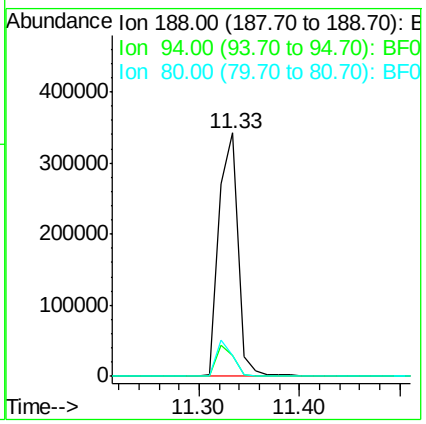


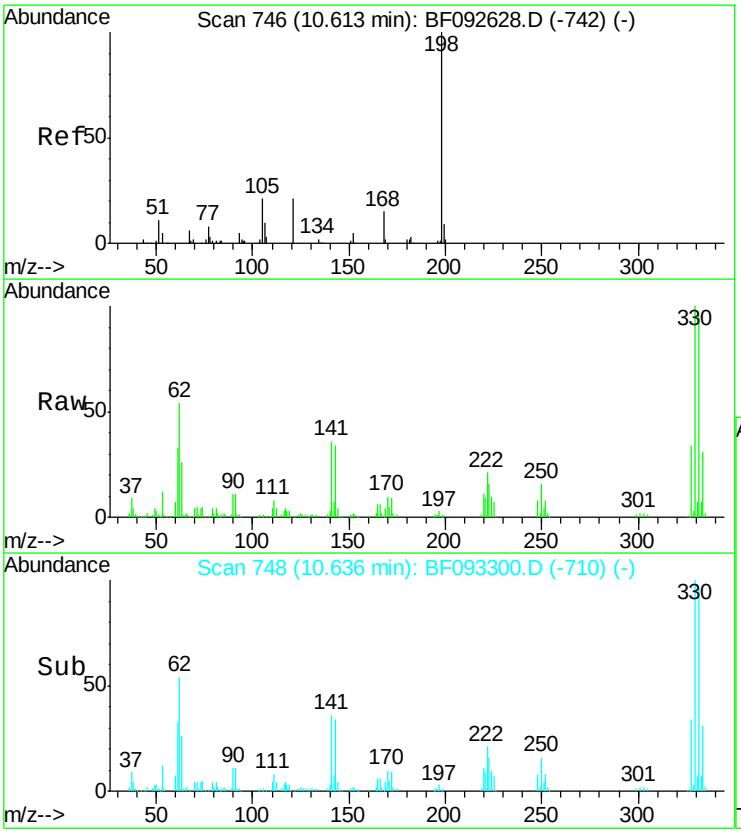
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion:188 Resp: 451104

Ion	Ratio	Lower	Upper
188	100		
94	8.5	10.0	15.0#
80	8.6	11.2	16.8#

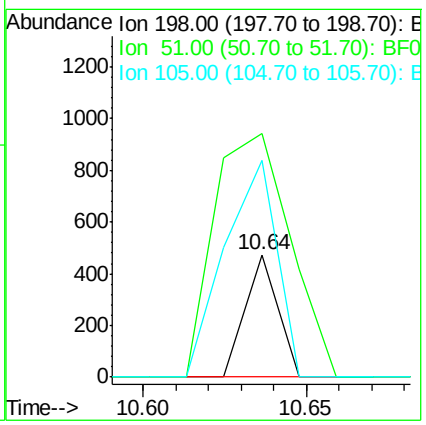


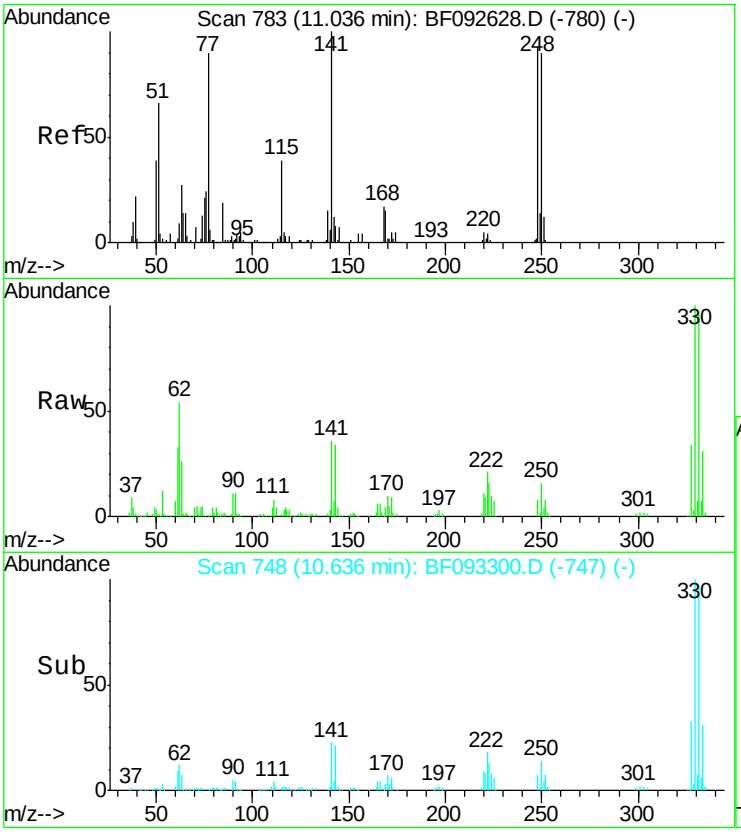


#64
4,6-Dinitro-2-methylphenol
Concen: 2.78 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion:198 Resp: 325

Ion	Ratio	Lower	Upper
198	100		
51	198.7	6.7	46.7#
105	176.6	16.6	56.6#



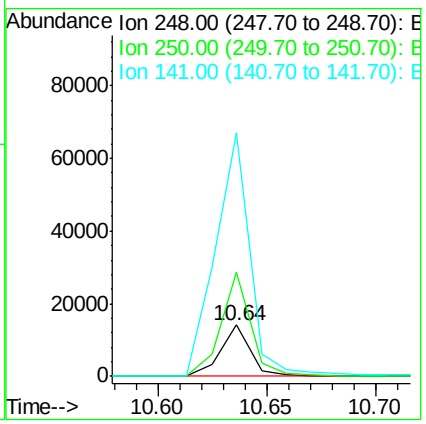


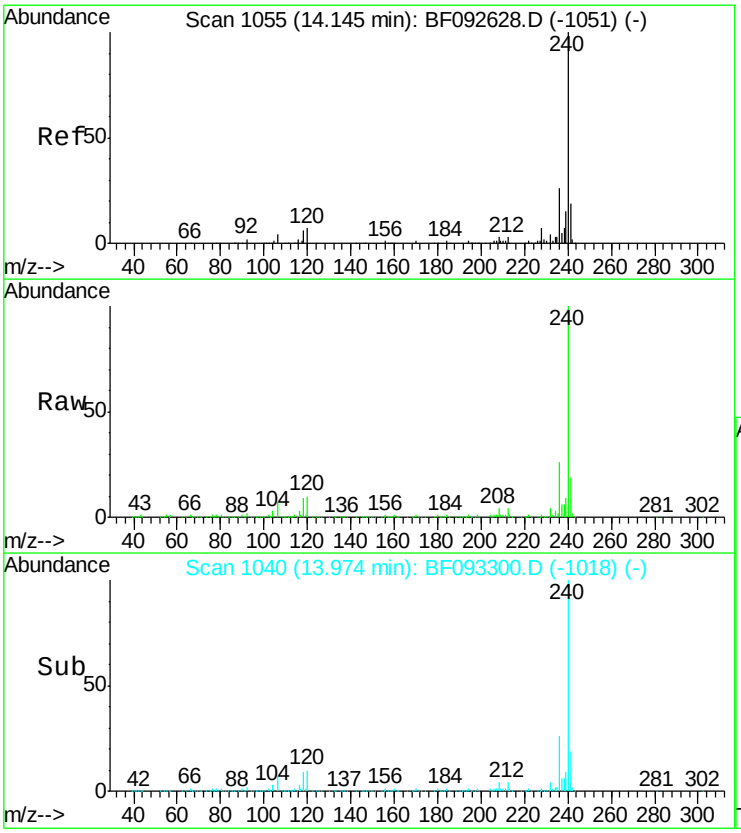
#66
4-Bromophenyl-phenylether
Concen: 2.87 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion:248 Resp: 13517

Ion	Ratio	Lower	Upper
248	100		
250	202.6	76.9	115.3#
141	472.8	68.2	102.4#

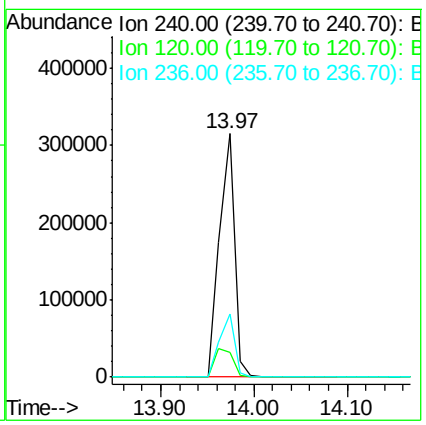


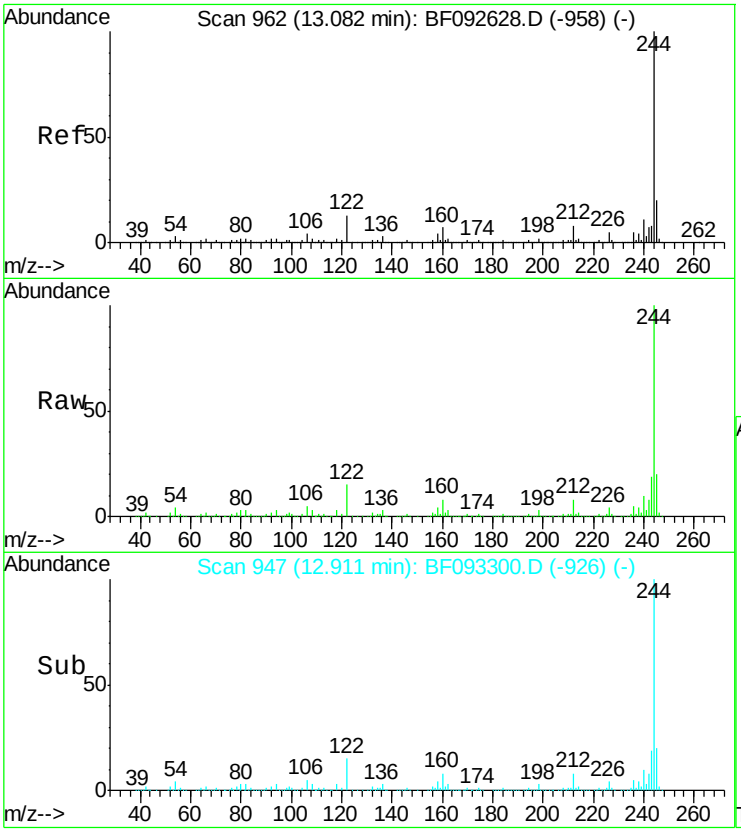


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion:240 Resp: 355245

Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.9	19.3#
236	25.9	20.9	31.3



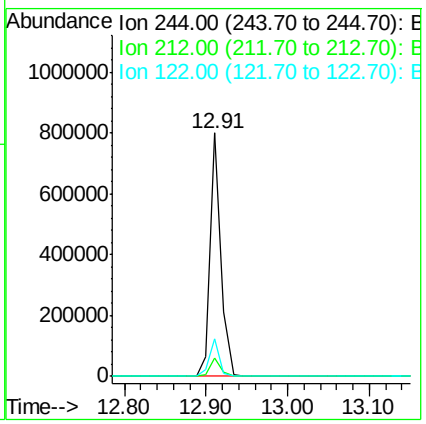


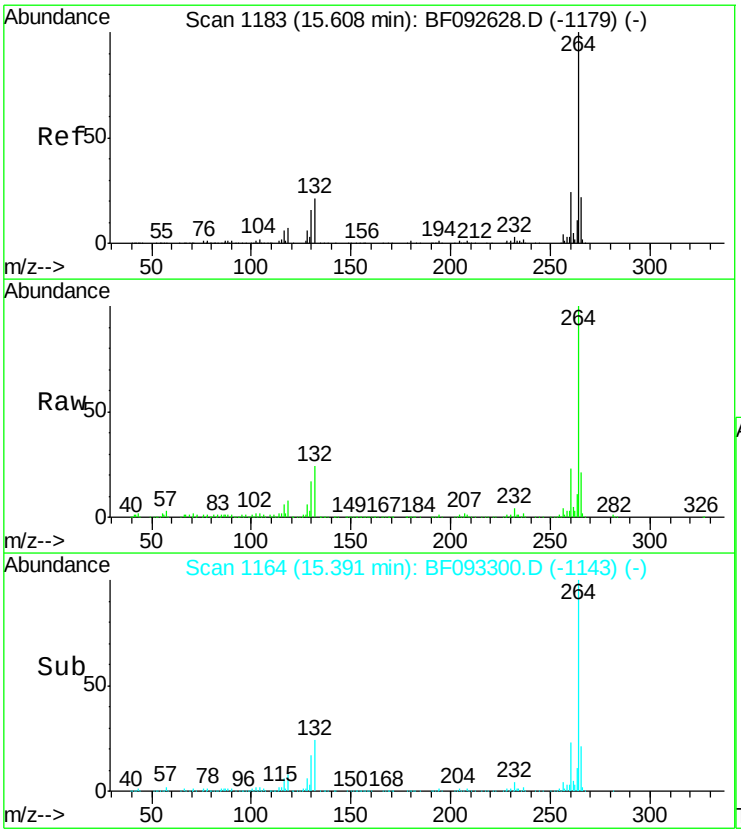
#78
Terphenyl-d14
Concen: 49.34 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion:244 Resp: 745960

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	15.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion:264 Resp: 274798

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.4	26.0