Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083488.D
Acq On : 4 Dec 2015 5:29
Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Time: Dec 04 06:21:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	160225	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	592049	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	278457	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	425102	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	341736	20.00	ng	-0.06
86) Perylene-d12	16.77	264	267873	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	686161	64.26	ng	-0.01
7) Phenol-d6	6.20	99	588862	40.29	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1159675	86.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	300033	107.34	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1688176	86.40	ng	-0.02
78) Terphenyl-d14	13.19	244	1240579	86.58	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.20	77	957	Below Cal	#	46
19) n-Nitroso-di-n-propylamine	7.10	70	161982	15.51	ng	# 82
25) Isophorone	7.10	82	899406	34.48	ng	# 70
49) Dimethylphthalate	9.30	163	48102	2.13	ng	98
50) 2,6-Dinitrotoluene	9.56	165	35907	7.43	ng	# 19
56) 2,4-Dinitrotoluene	9.56	165	35907	5.86	ng	# 6
66) 4-Bromophenyl-phenylether	10.35	248	22831	4.91	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

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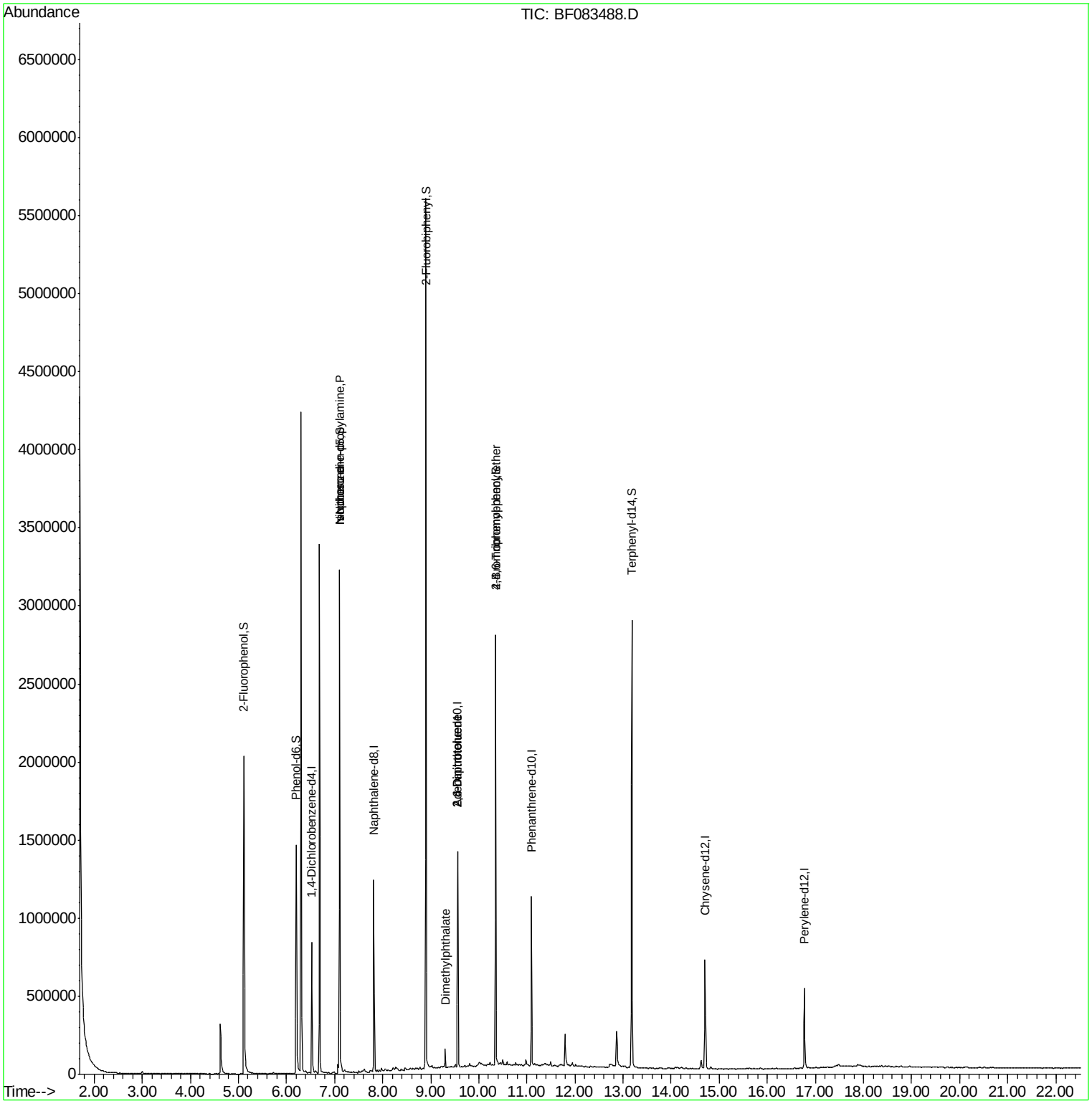
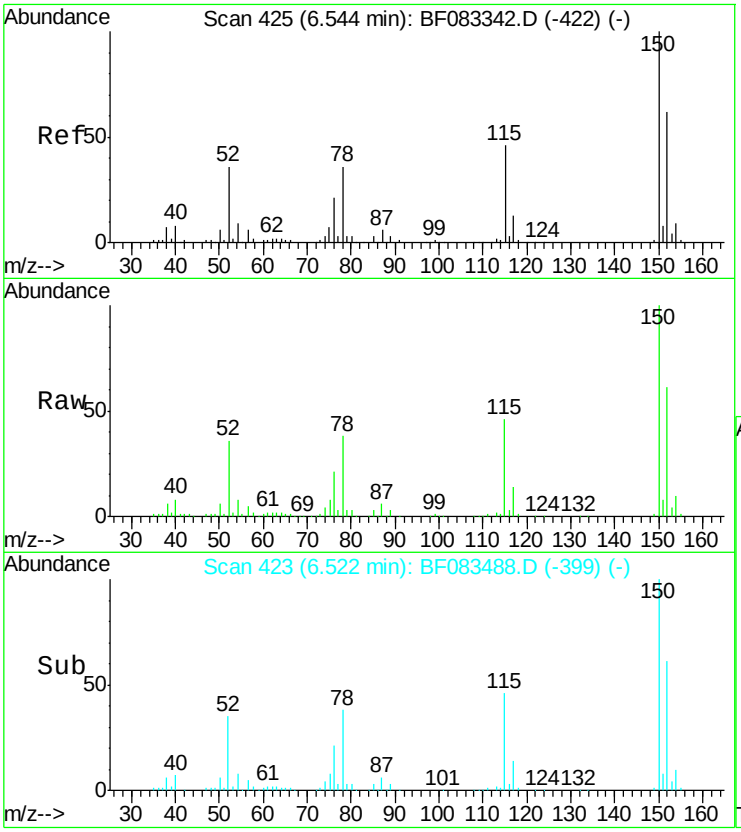
Quant Time: Dec 04 06:21:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration



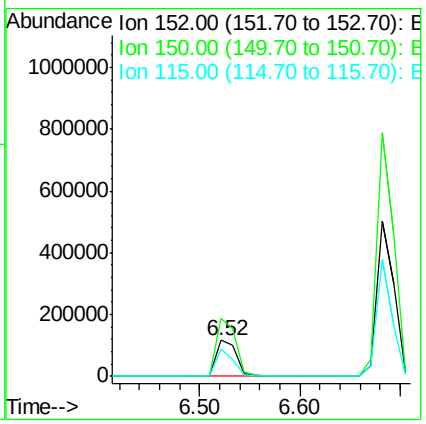


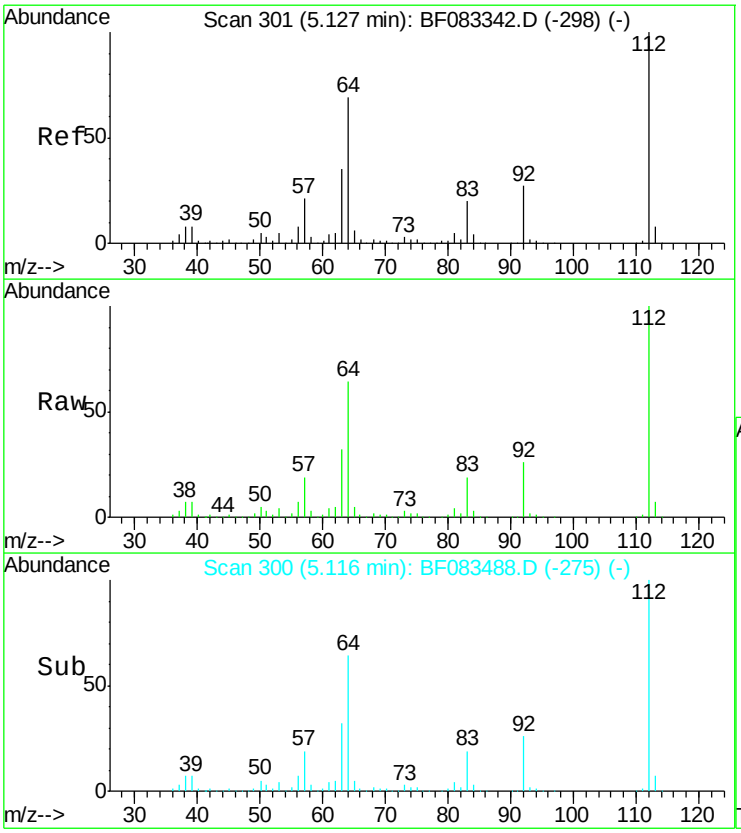
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 160225

Ion	Ratio	Lower	Upper
152	100		
150	162.7	129.8	194.8
115	75.1	59.2	88.8

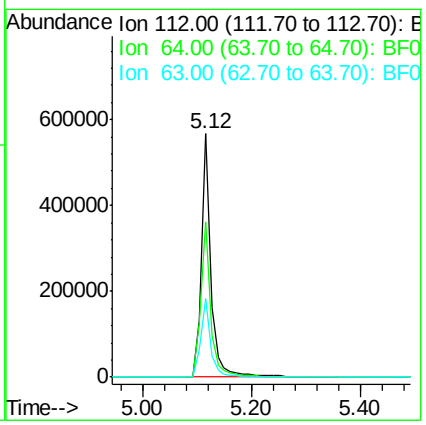


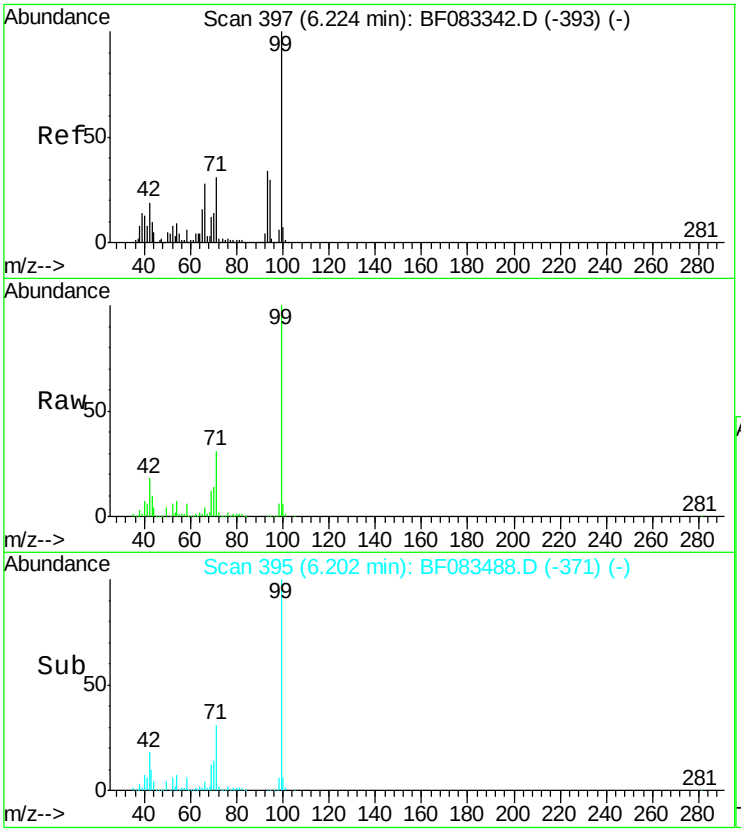


#5
2-Fluorophenol
Concen: 64.26 ng
RT: 5.12 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion:112 Resp: 686161

Ion	Ratio	Lower	Upper
112	100		
64	63.7	55.6	83.4
63	32.4	28.2	42.2



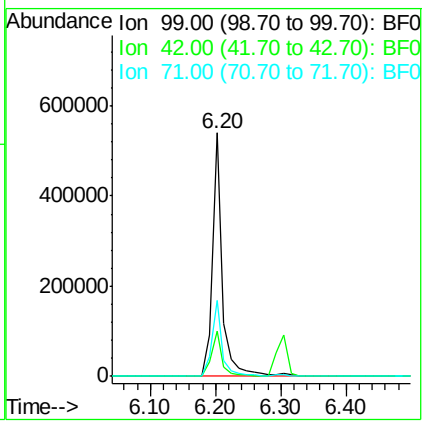


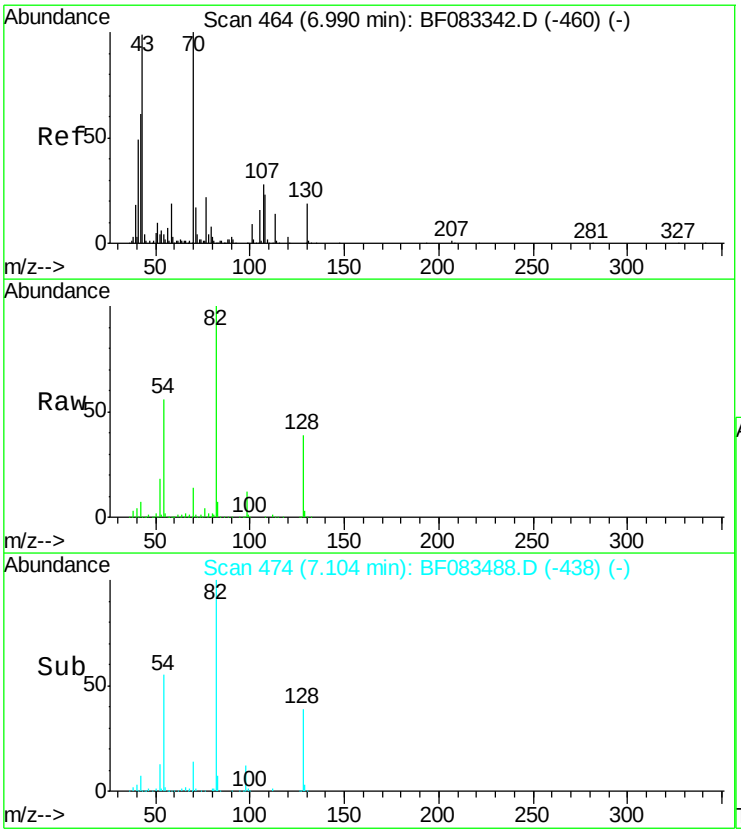
#7
Phenol-d6
Concen: 40.29 ng
RT: 6.20 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 99 Resp: 588862

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	31.3	24.7	37.1

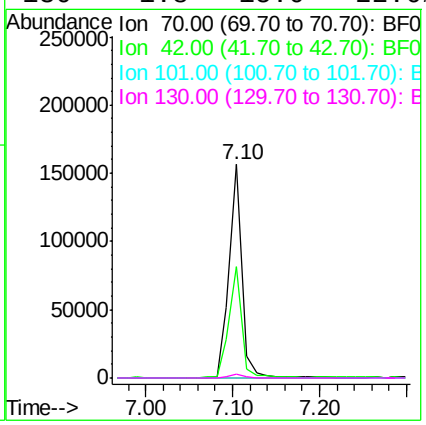


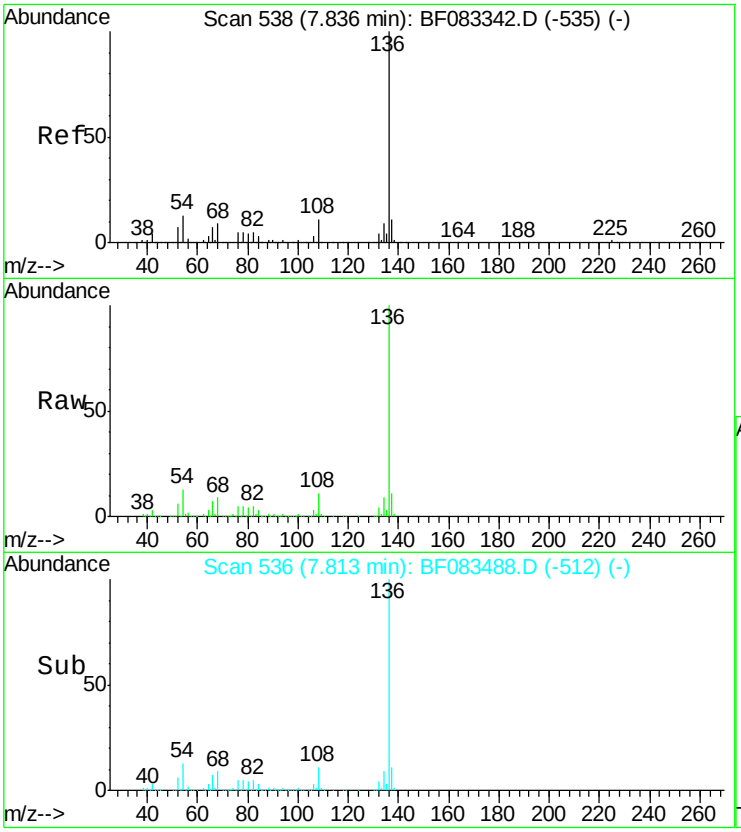


#19
n-Nitroso-di-n-propylamine
Concen: 15.51 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion: 70 Resp: 161982

Ion	Ratio	Lower	Upper
70	100		
42	52.3	48.8	73.2
101	0.0	7.1	10.7#
130	1.8	15.0	22.6#



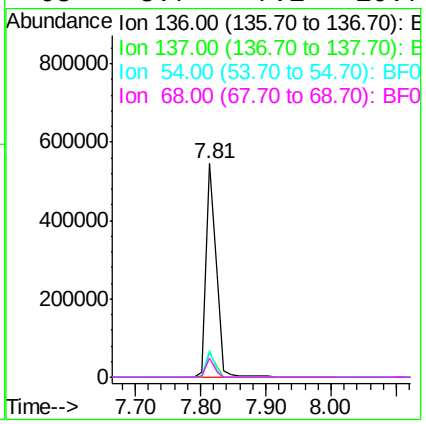


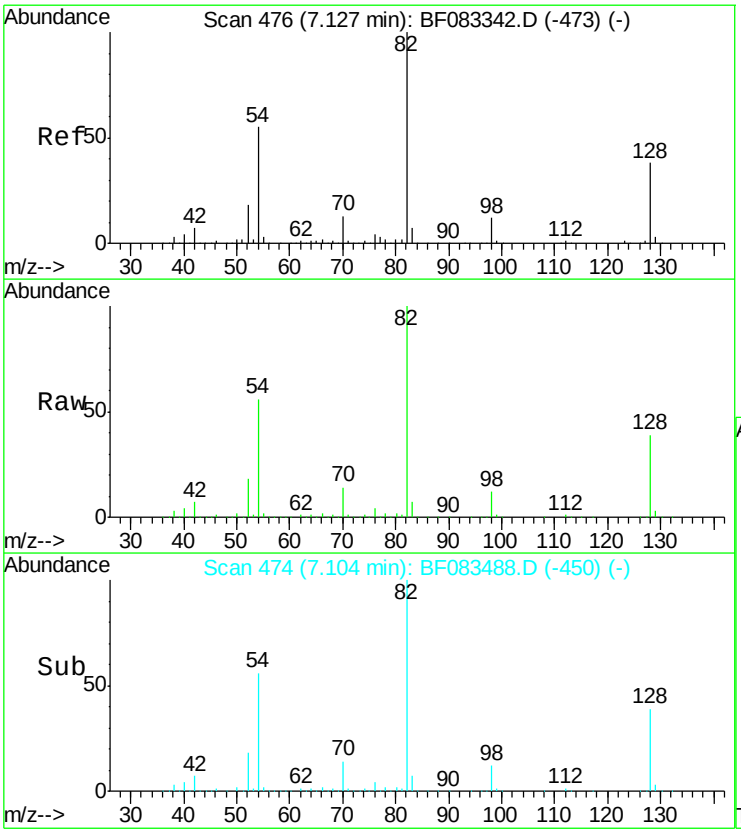
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:136 Resp: 592049

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	12.9	10.1	15.1
68	8.7	7.1	10.7

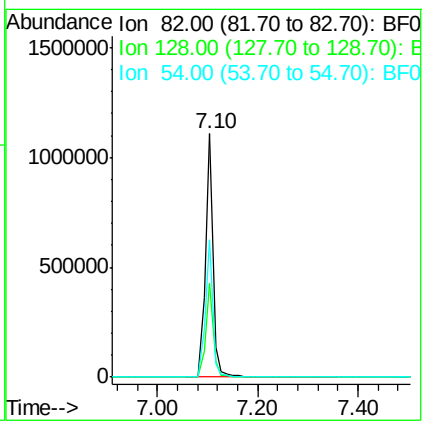


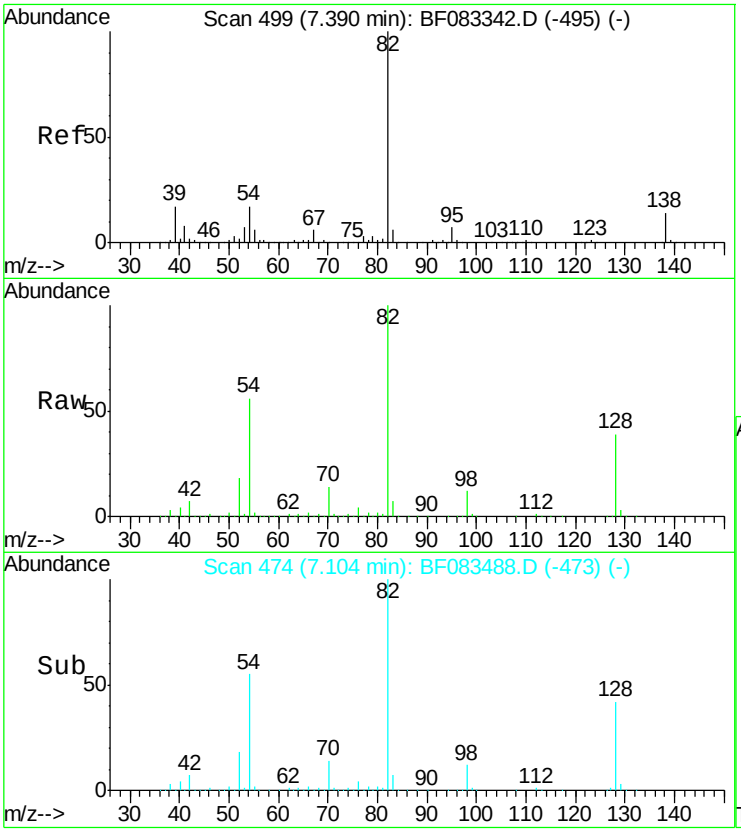


#23
Nitrobenzene-d5
Concen: 86.10 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion: 82 Resp: 1159675

Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.6	46.0
54	56.3	43.8	65.6



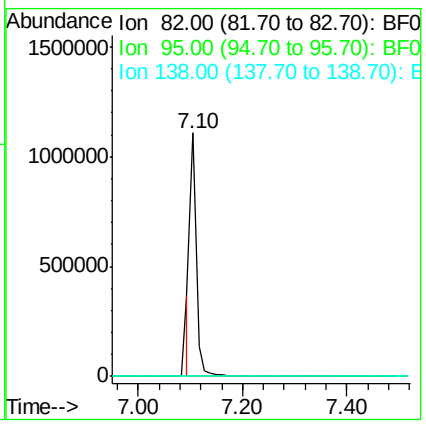


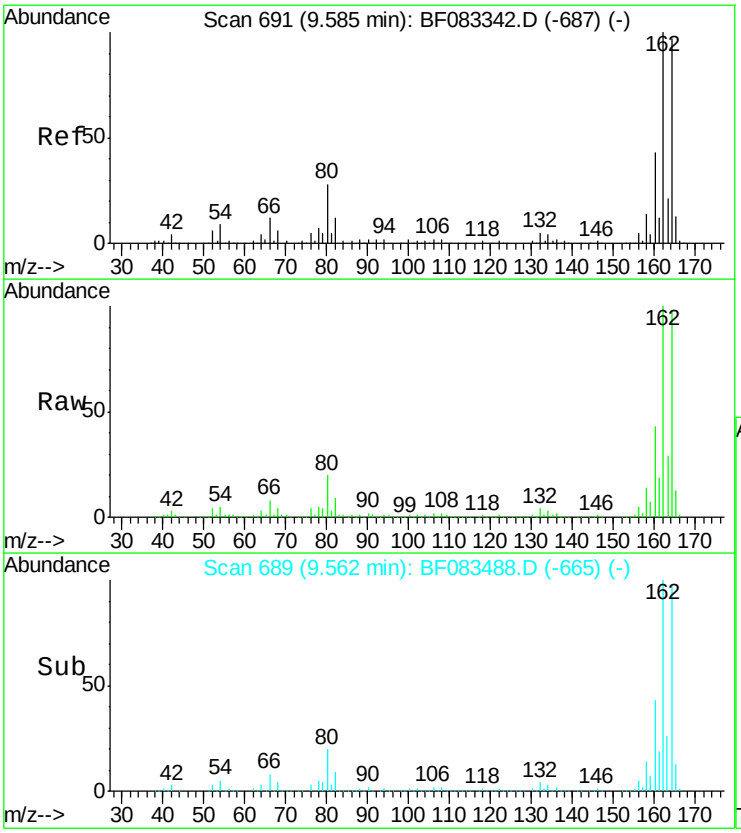
#25
Isophorone
Concen: 34.48 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 82 Resp: 899406

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	11.6	17.4#

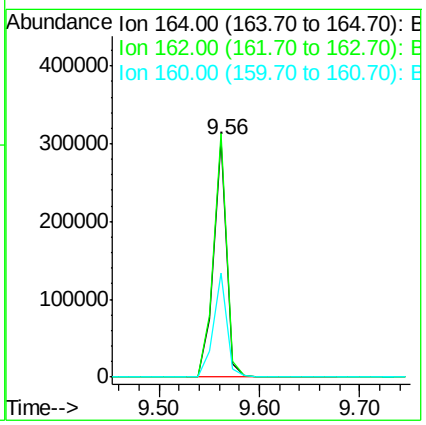


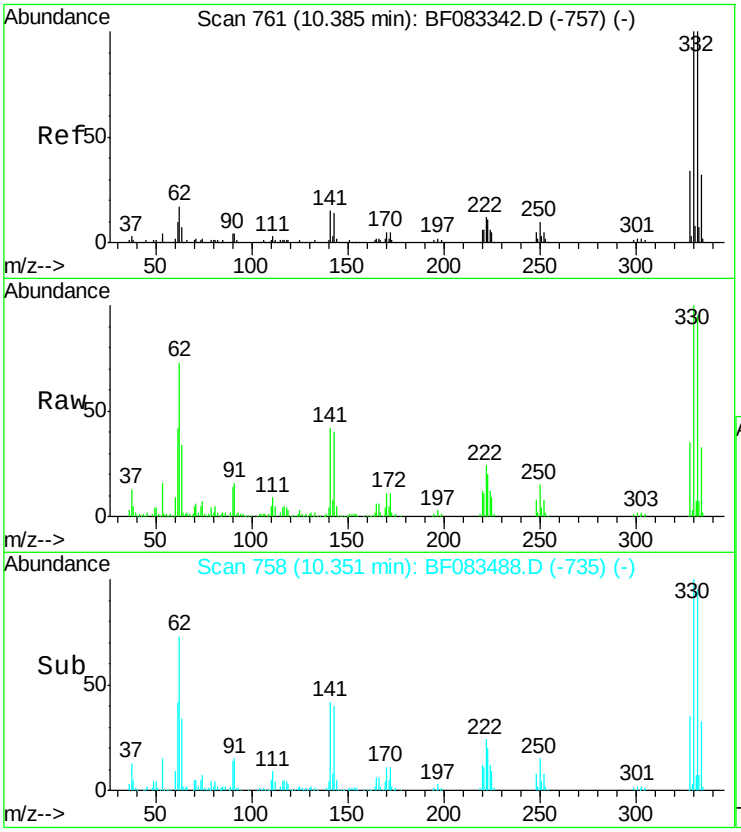


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion:164 Resp: 278457

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.0	35.3	52.9



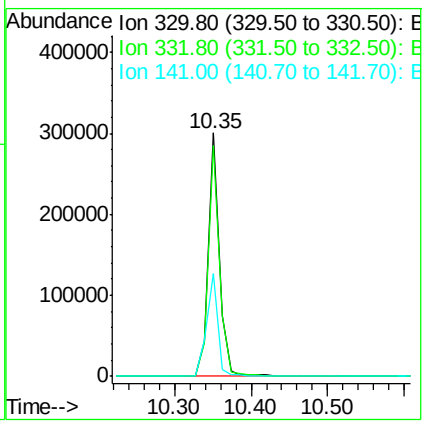


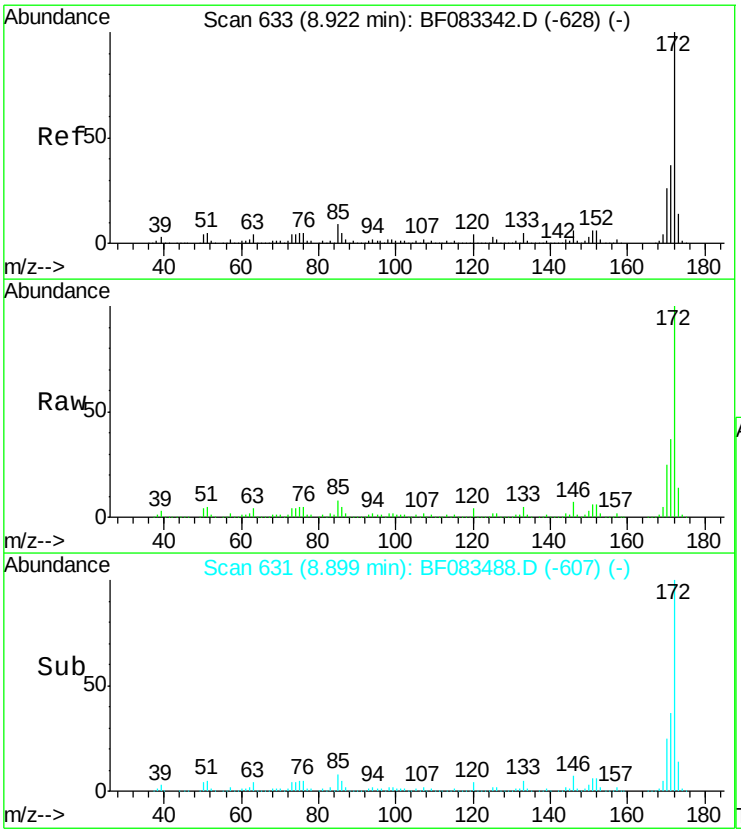
#41
2,4,6-Tribromophenol
Concen: 107.34 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:330 Resp: 300033

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	43.2	29.4	44.0

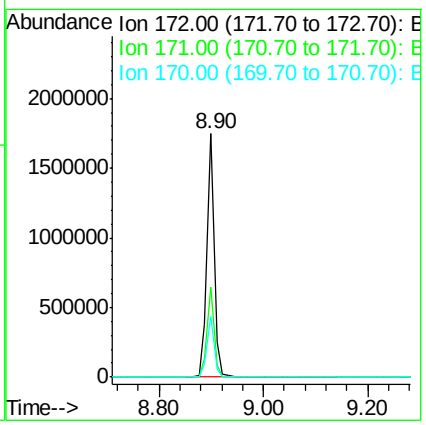


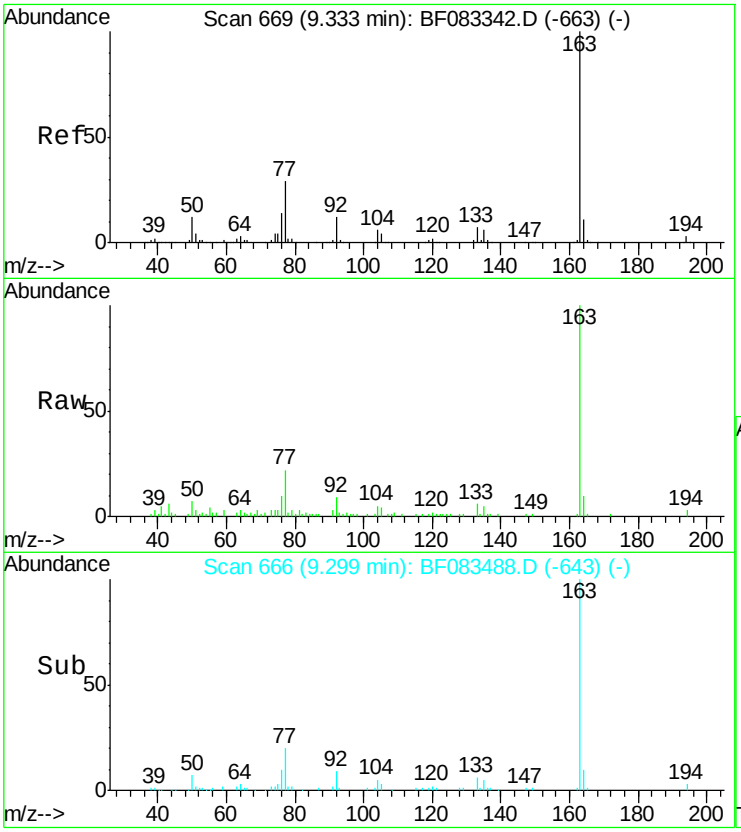


#44
2-Fluorobiphenyl
Concen: 86.40 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion:172 Resp: 1688176

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	25.1	20.4	30.6



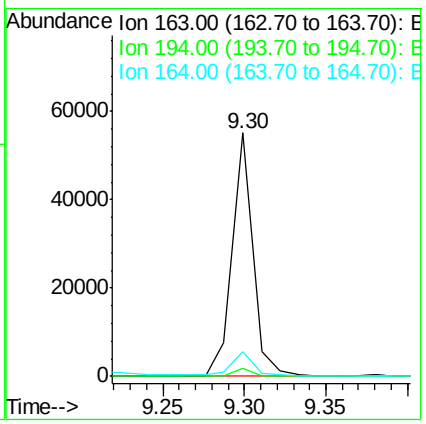


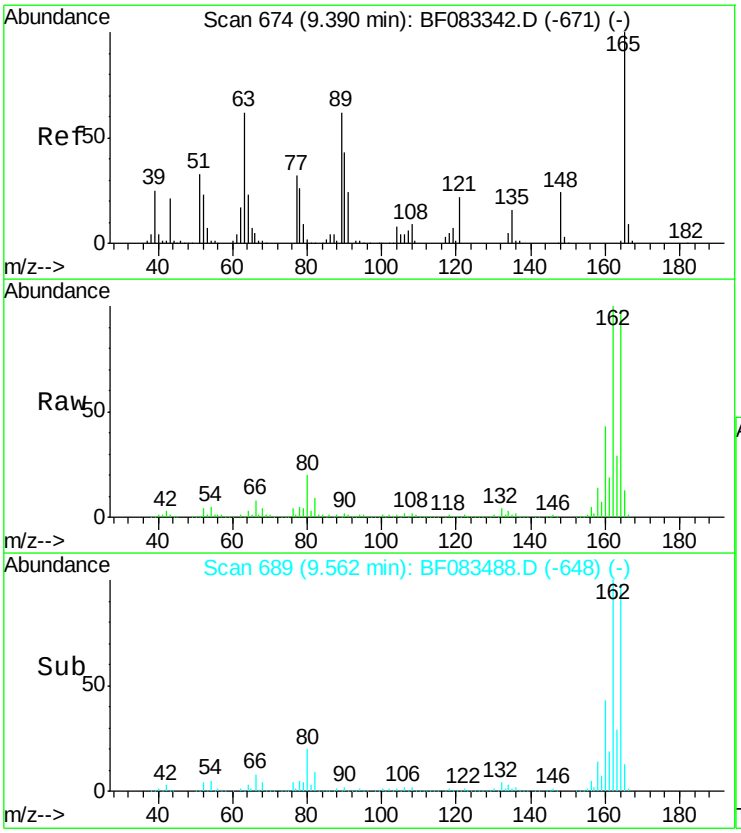
#49
Dimethylphthalate
Concen: 2.13 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:163 Resp: 48102

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.8	13.2

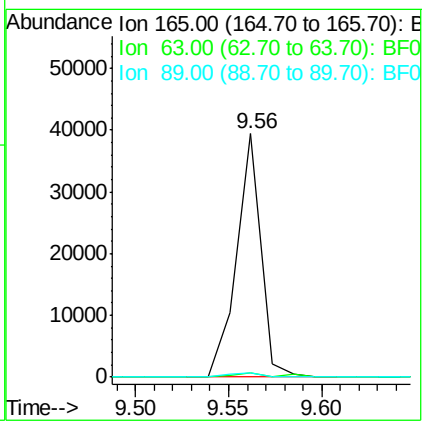


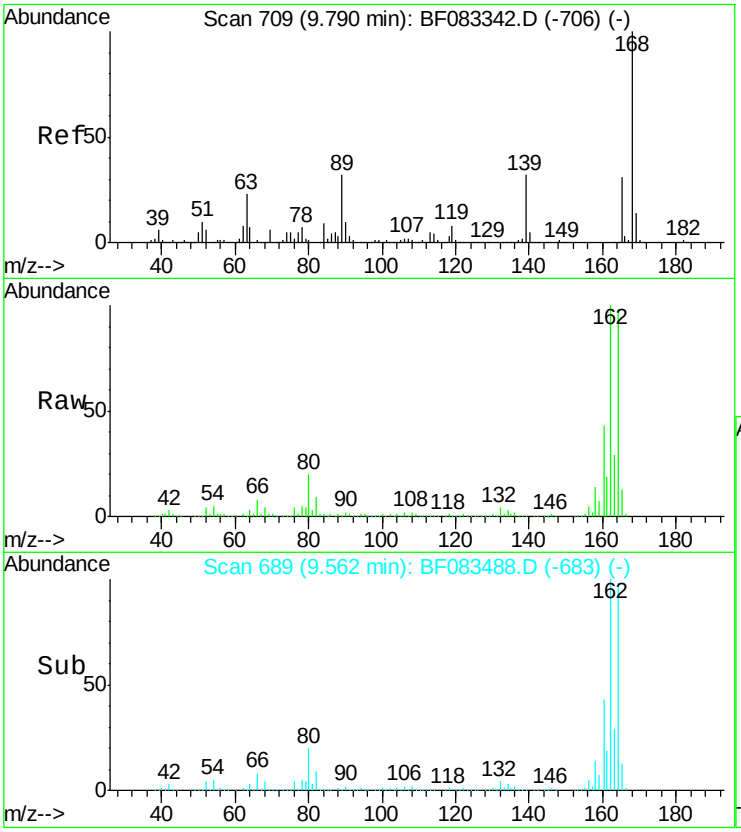


#50
2,6-Dinitrotoluene
Concen: 7.43 ng
RT: 9.56 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion:165 Resp: 35907

Ion	Ratio	Lower	Upper
165	100		
63	1.9	56.0	84.0#
89	1.6	49.8	74.8#



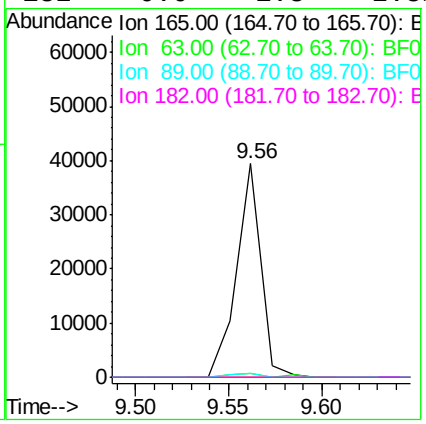


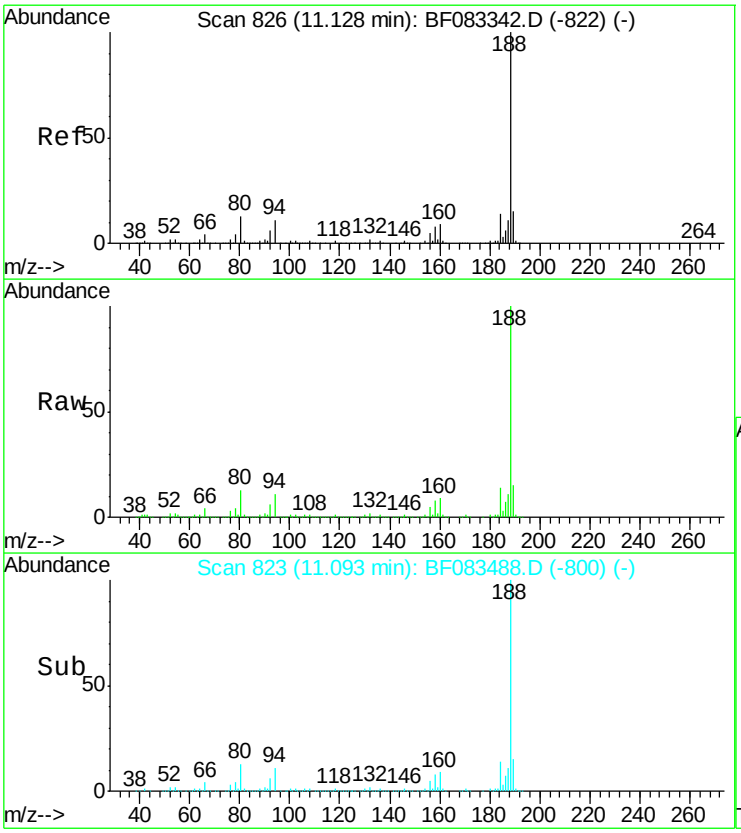
#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.23 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:165 Resp: 35907

Ion	Ratio	Lower	Upper
165	100		
63	1.9	65.4	98.0#
89	1.6	81.2	121.8#
182	0.0	1.8	2.8#

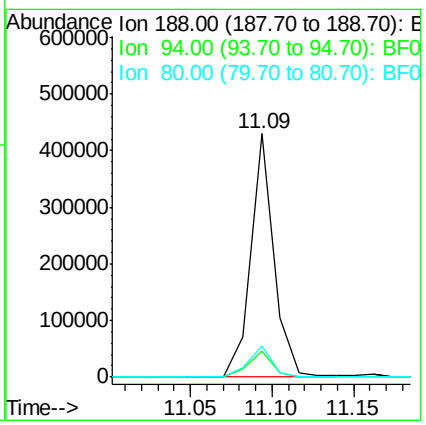


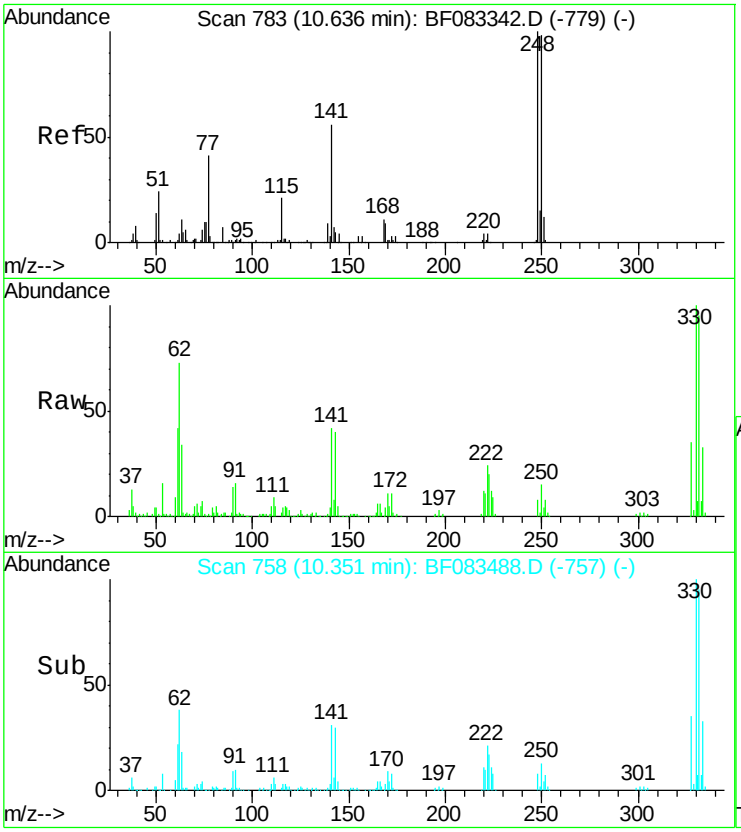


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion:188 Resp: 425102

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.7	13.1
80	12.7	10.3	15.5



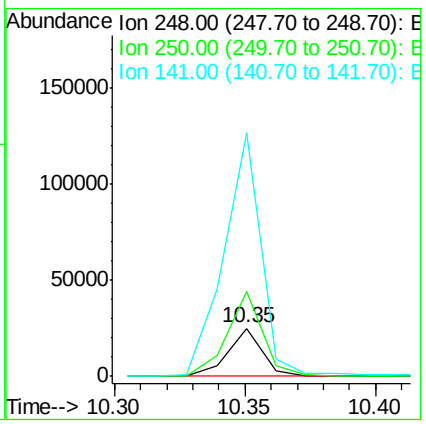


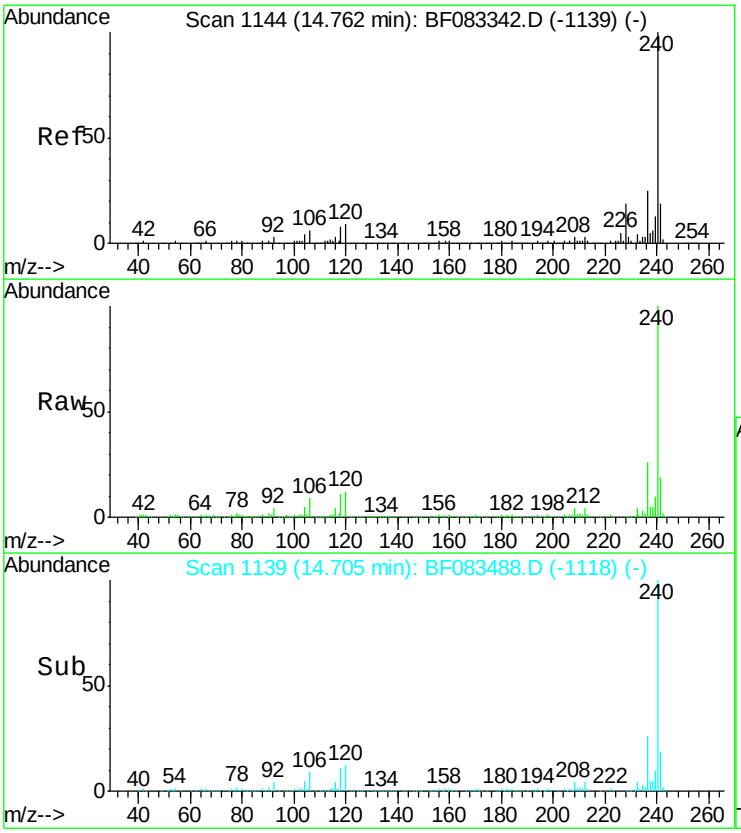
#66
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:248 Resp: 22831

Ion	Ratio	Lower	Upper
248	100		
250	176.3	78.6	118.0#
141	507.4	44.4	66.6#

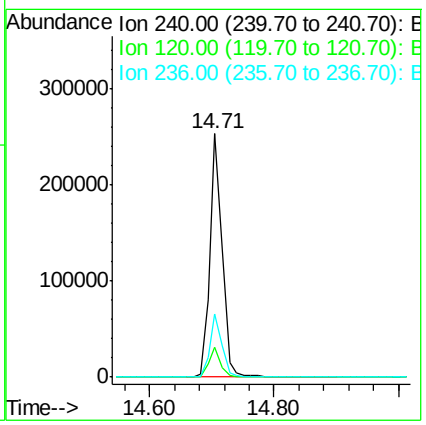


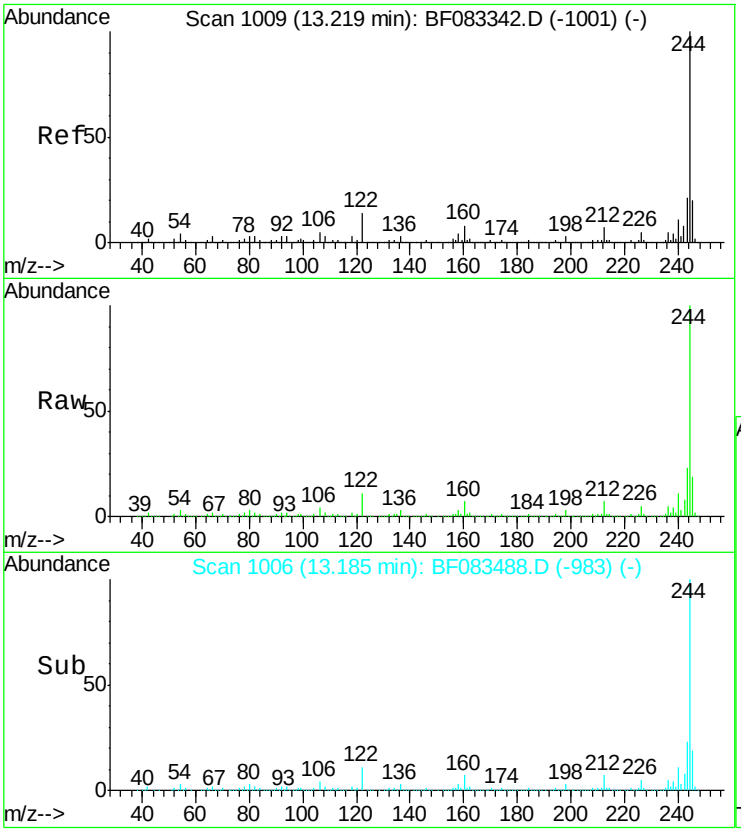


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion:240 Resp: 341736

Ion	Ratio	Lower	Upper
240	100		
120	12.1	6.9	10.3#
236	26.1	19.8	29.6



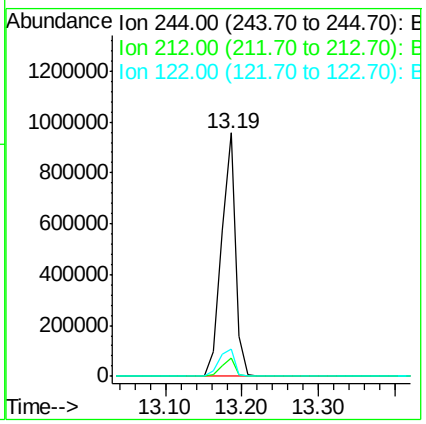


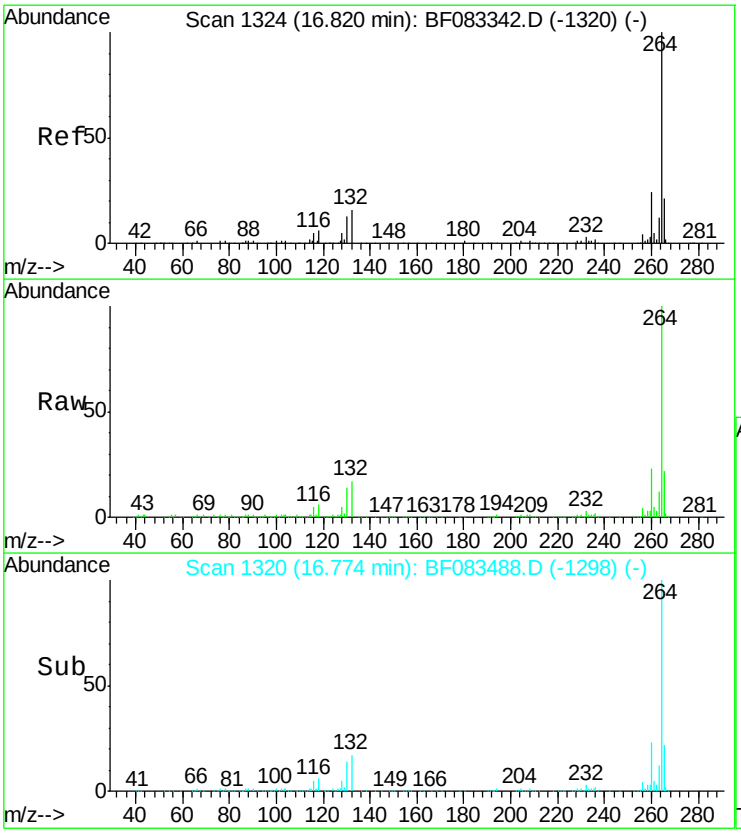
#78
Terphenyl-d14
Concen: 86.58 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:244 Resp: 1240579

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.2	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF083488.D
Acq: 4 Dec 2015 5:29

Tgt Ion:264 Resp: 267873

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.6	16.8	25.2