Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088177.D
Acq On : 20 Jun 2016 17:29
Operator : UM/SJ
Sample : H3362-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0991

Quant Time: Jun 20 18:02:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	304243	20.00	ng	0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.95
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.70
63) Phenanthrene-d10	11.24	188	2918	20.00	ng	0.07
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.81
86) Perylene-d12	0.00	264	0	0.00	ng	-15.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	305154	17.15	ng	0.00
7) Phenol-d6	6.32	99	234938	10.89	ng	-0.01
23) Nitrobenzene-d5	7.23	82	468988	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	182274	0.00	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	884782	0.00	ng	-0.01
78) Terphenyl-d14	12.77	244	911840	0.00	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	953	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	59434	4.31	ng	# 71
64) 4,6-Dinitro-2-methylphenol	10.49	198	235	14.48	ng	# 1
65) n-Nitrosodiphenylamine	10.49	169	5898	60.91	ng	# 45
73) Di-n-butylphthalate	11.75	149	1177	6.43	ng	# 77

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

Quantitation Report (Not Reviewed)

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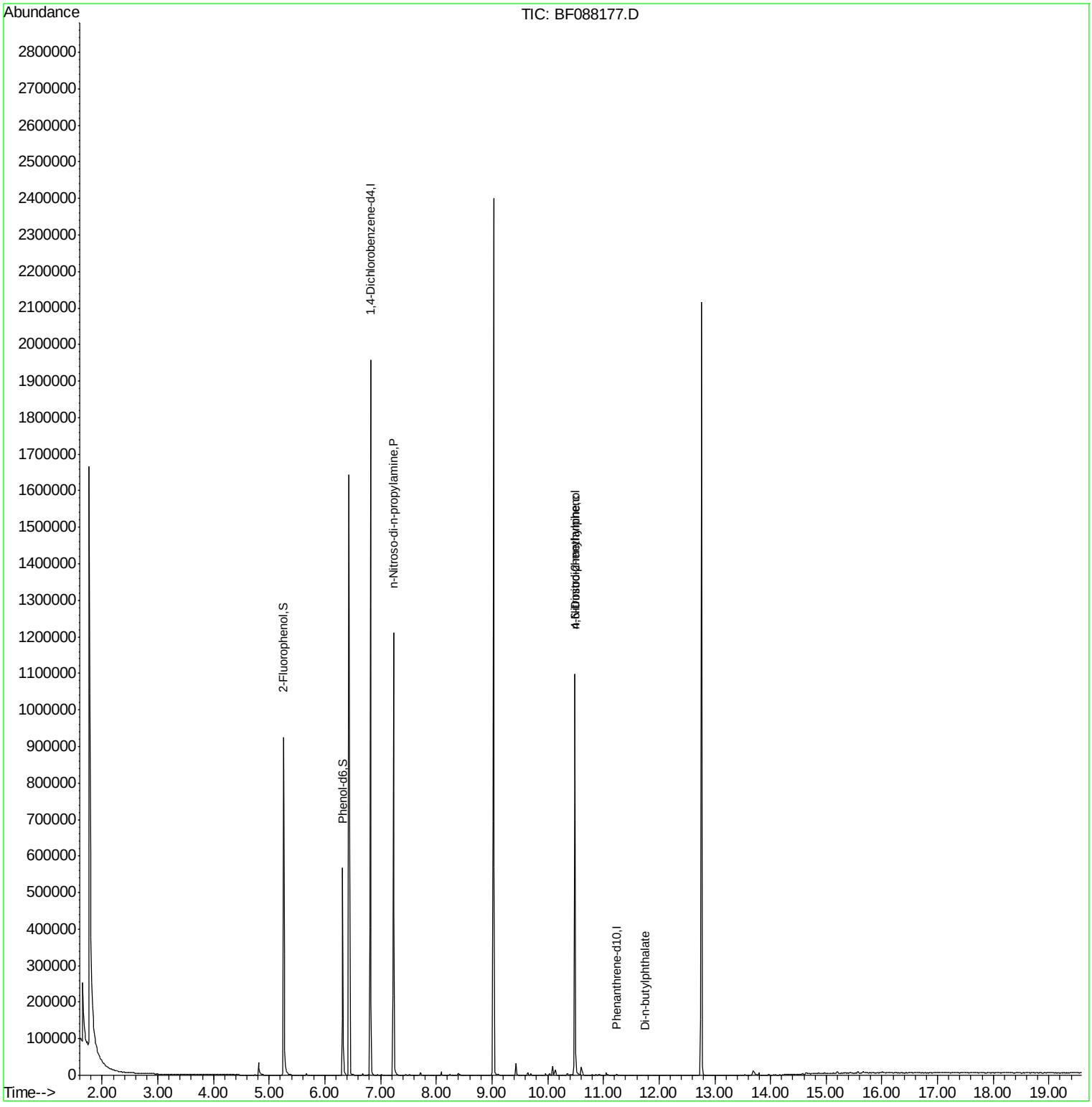
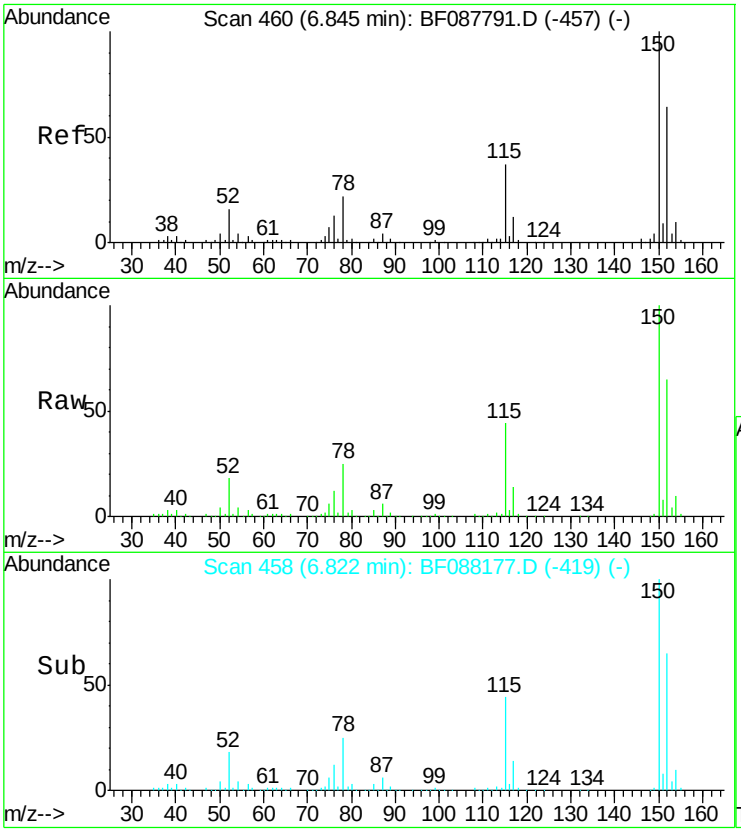


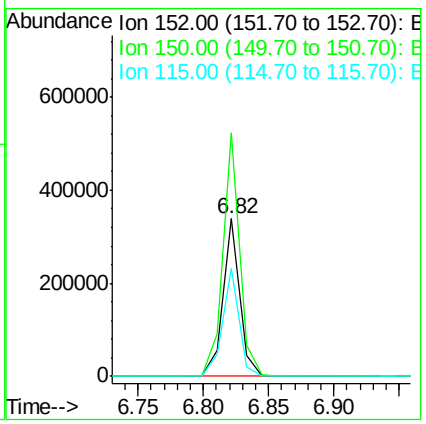


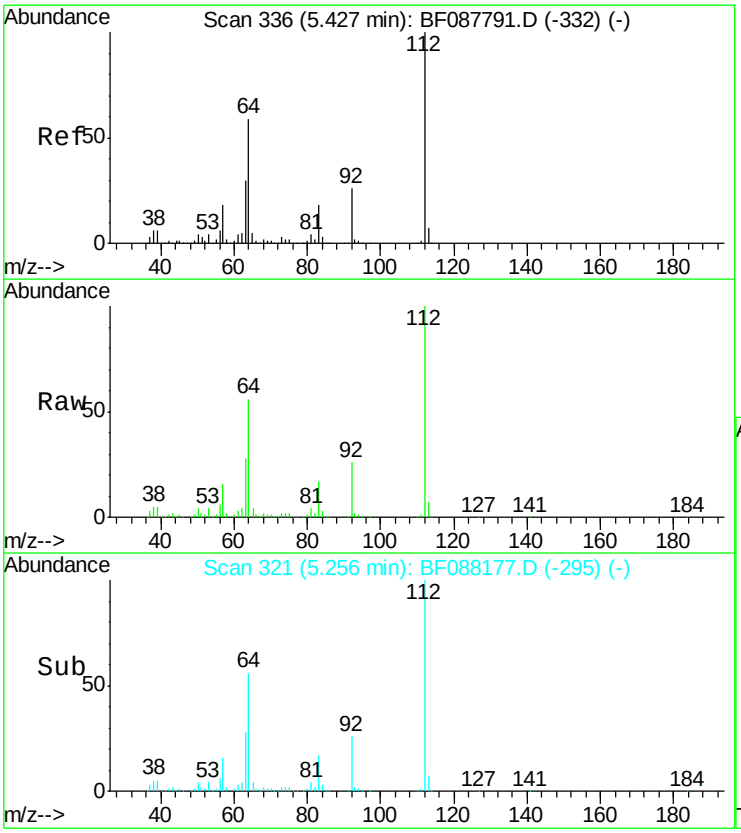
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.15 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

Tgt Ion:152 Resp: 304243

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.6
115	68.5	39.6	59.4#

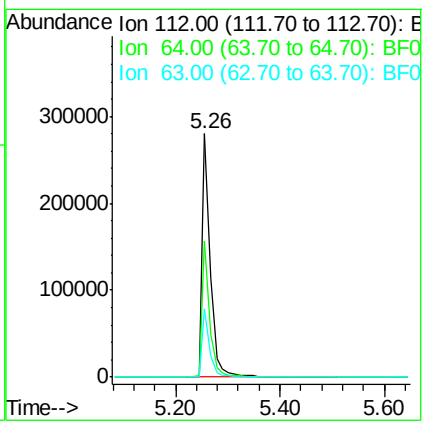


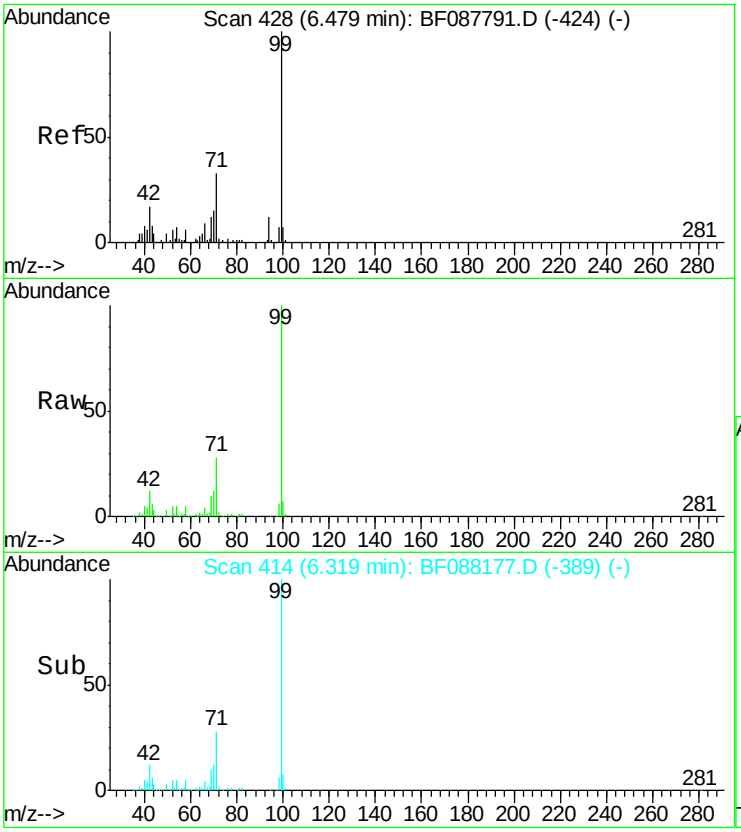


#5
2-Fluorophenol
Concen: 17.15 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.00 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion:112 Resp: 305154

Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.2	63.2
63	28.2	21.8	32.8



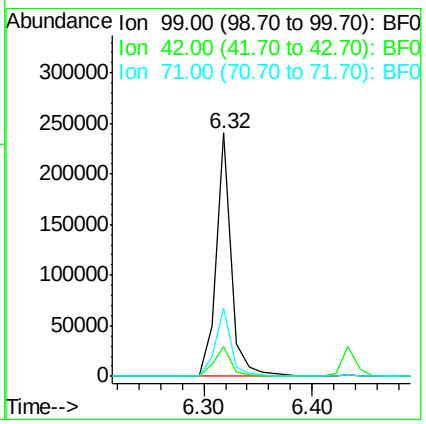


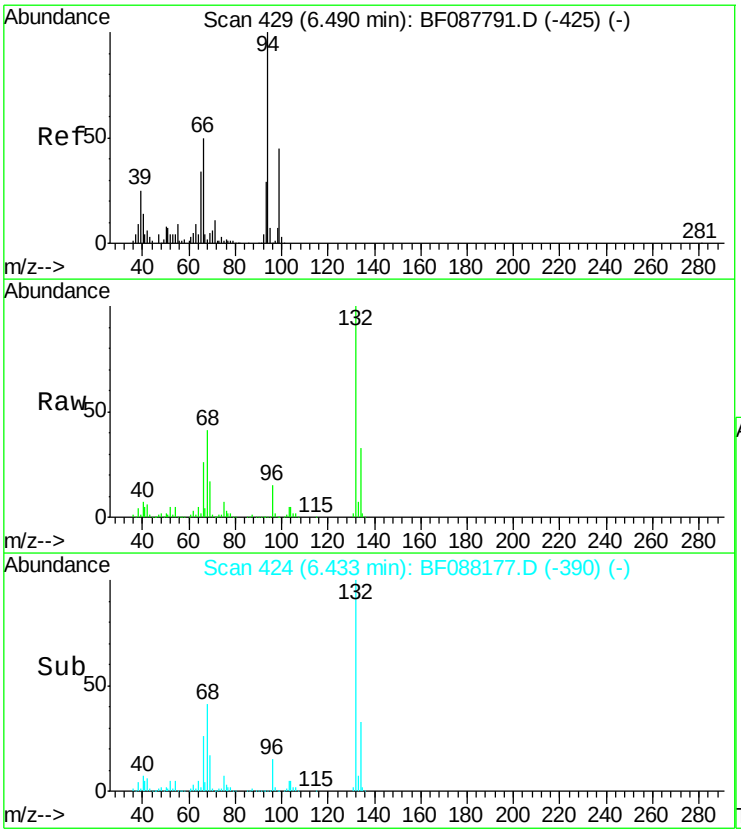
#7
Phenol-d6
Concen: 10.89 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

Tgt Ion: 99 Resp: 234938

Ion	Ratio	Lower	Upper
99	100		
42	12.1	12.2	18.2#
71	27.9	23.4	35.0

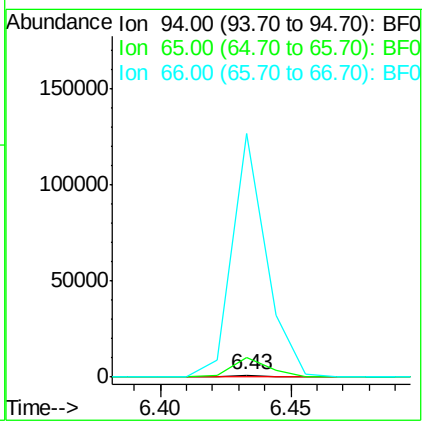


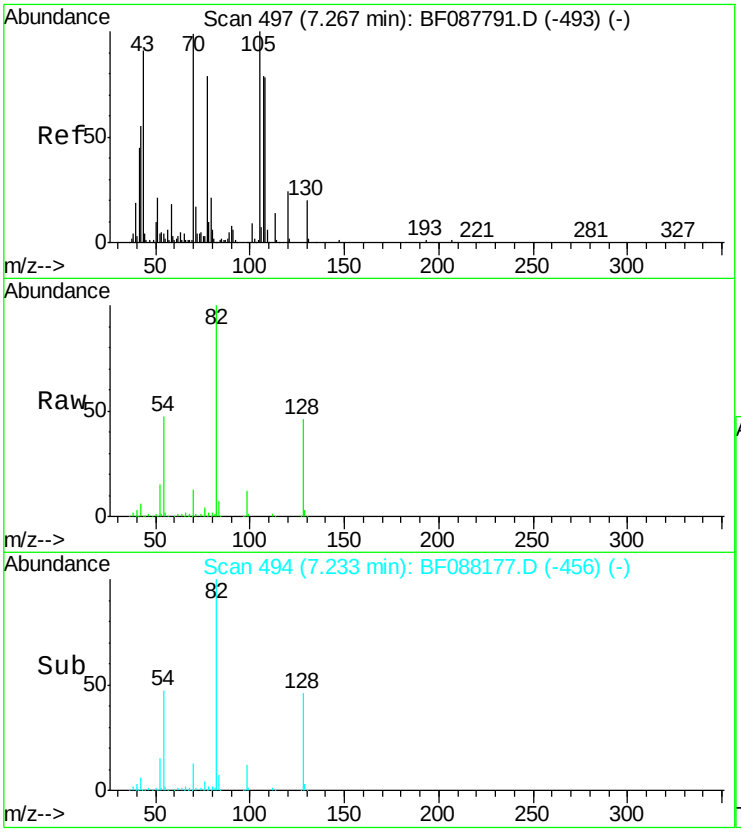


#10
Phenol
Concen: Below Cal
RT: 6.43 min Scan# 424
Delta R.T. 0.09 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion: 94 Resp: 953

Ion	Ratio	Lower	Upper
94	100		
65	950.8	5.9	45.9#
66	12051.7	14.0	54.0#



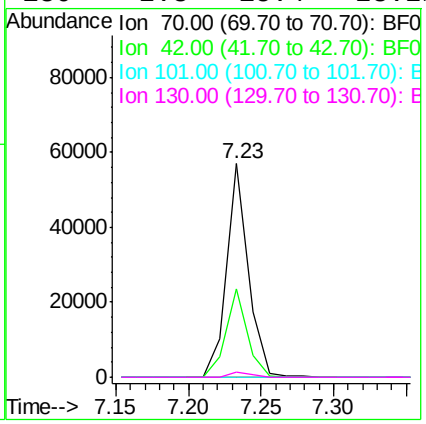


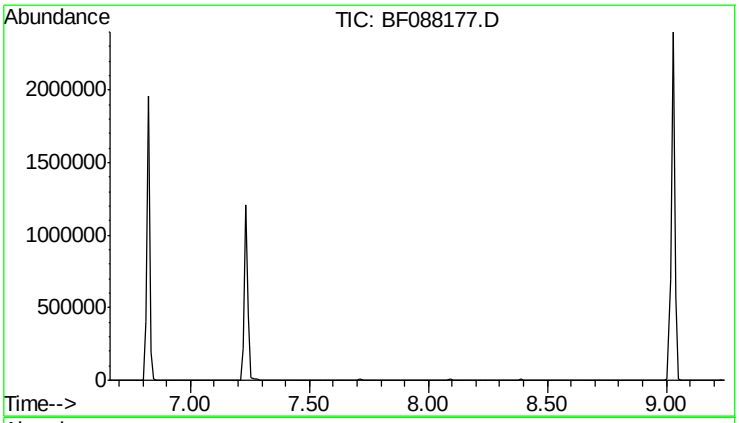
#19
n-Nitroso-di-n-propylamine
Concen: 4.31 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.14 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

Tgt Ion: 70 Resp: 59434

Ion	Ratio	Lower	Upper
70	100		
42	41.5	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



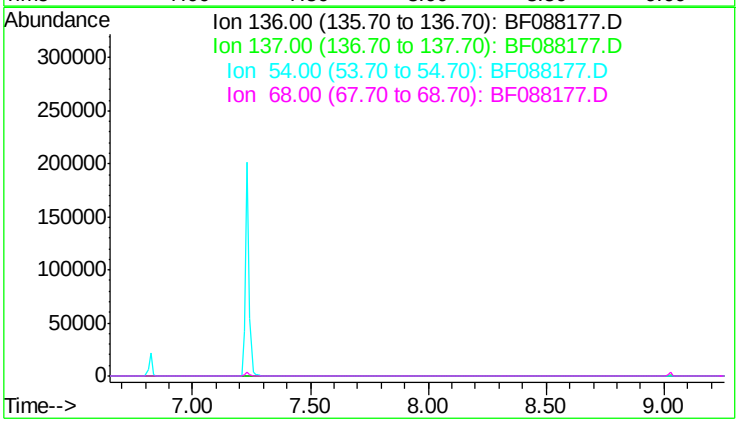


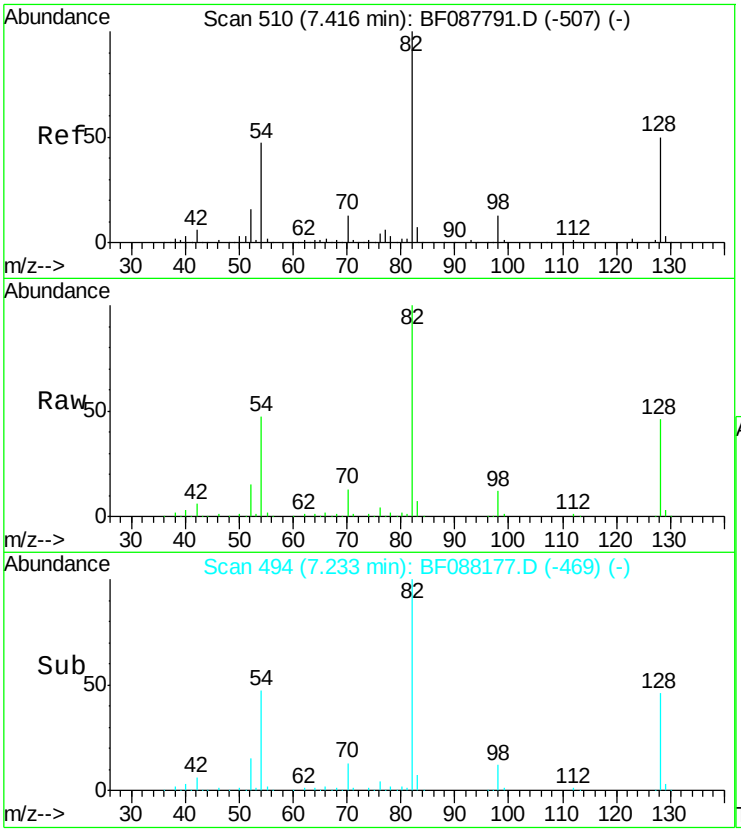
#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.95 min

Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.4
54	8.3
68	6.4



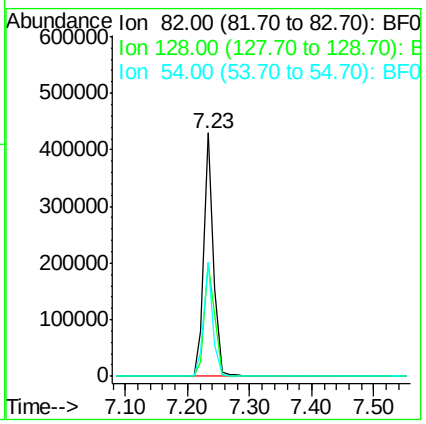


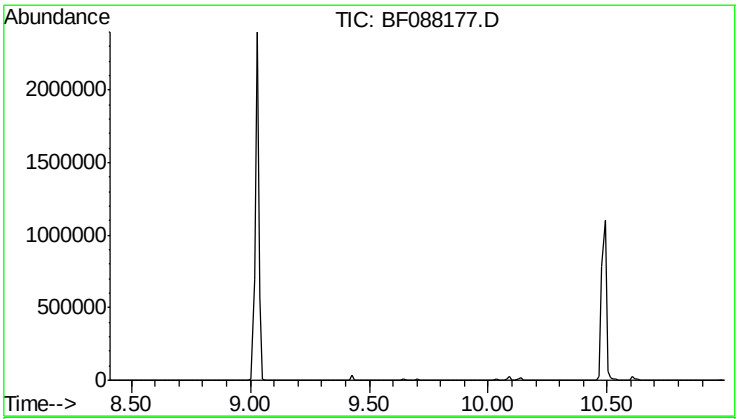
#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

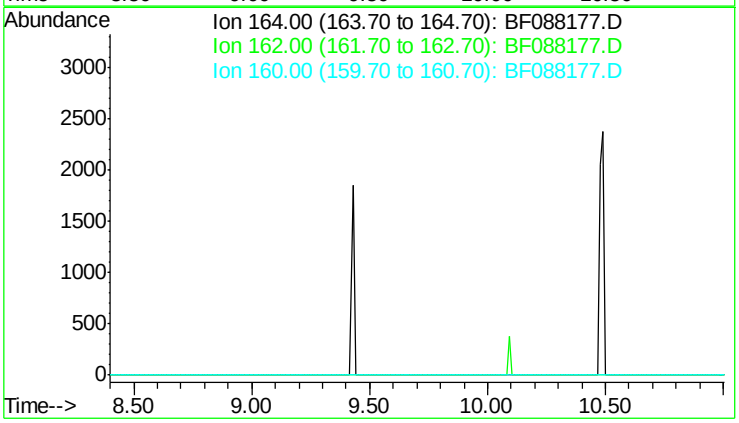
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

Tgt Ion: 82 Resp: 468988

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.9	53.9
54	46.8	40.9	61.3





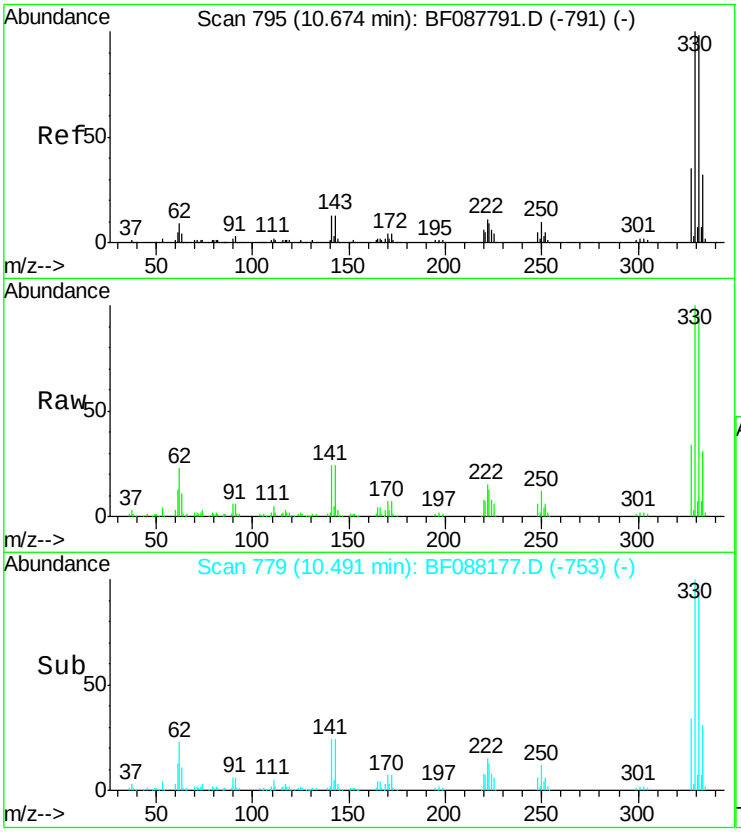


#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 9.70 min

Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	106.8
160	49.4

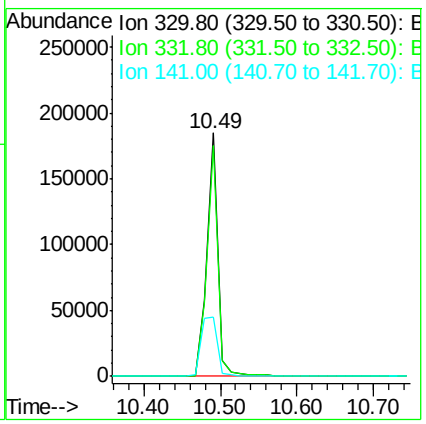


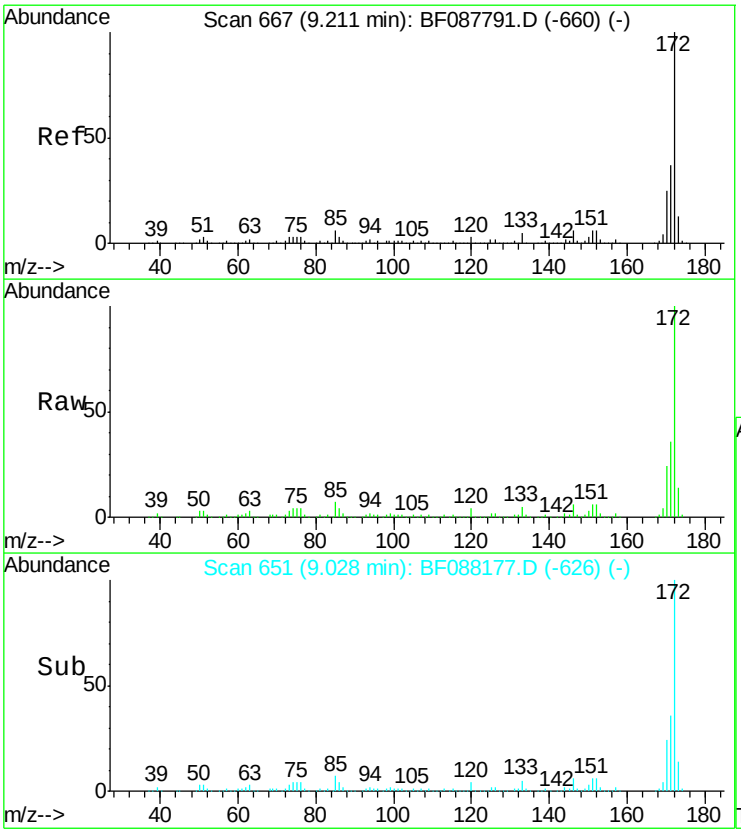
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

Tgt Ion:330 Resp: 182274

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	35.4	0.0	0.0#

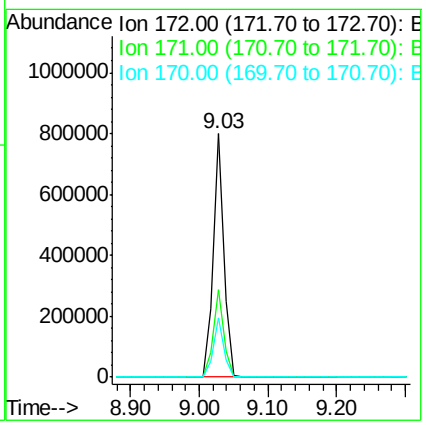


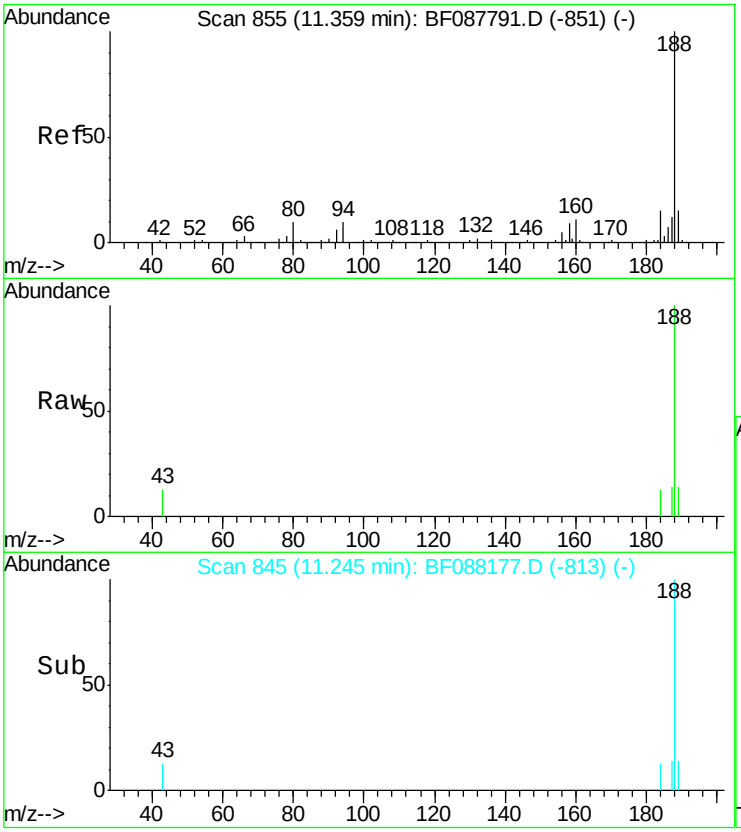


#44
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion:172 Resp: 884782

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	19.2	28.8



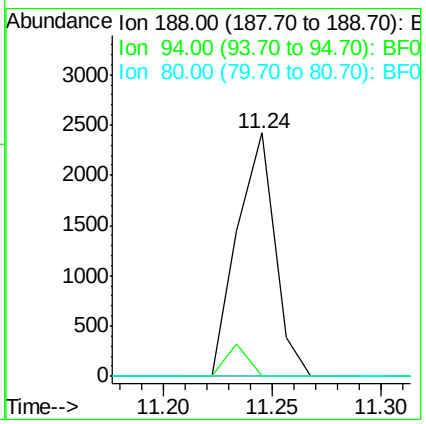


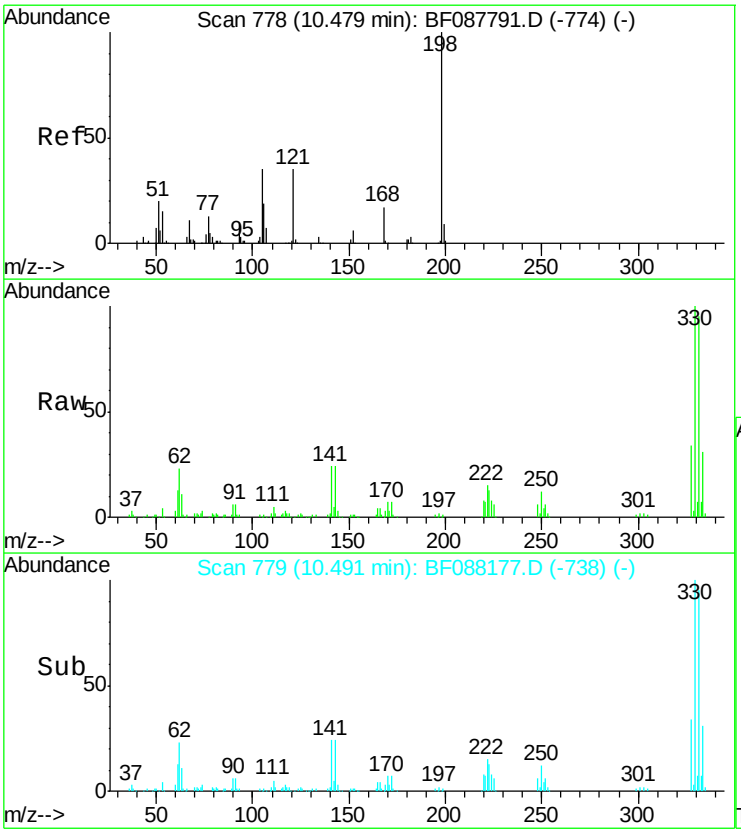
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.07 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

Tgt Ion:188 Resp: 2918

Ion	Ratio	Lower	Upper
188	100		
94	0.0	9.0	13.6#
80	0.0	10.0	15.0#

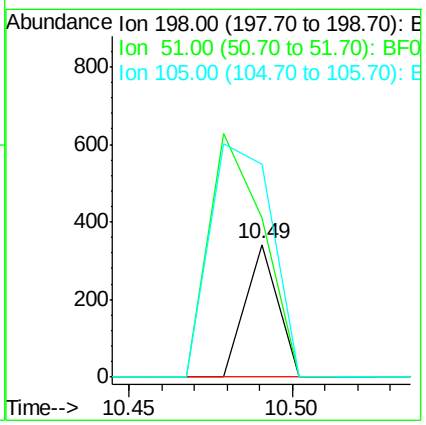


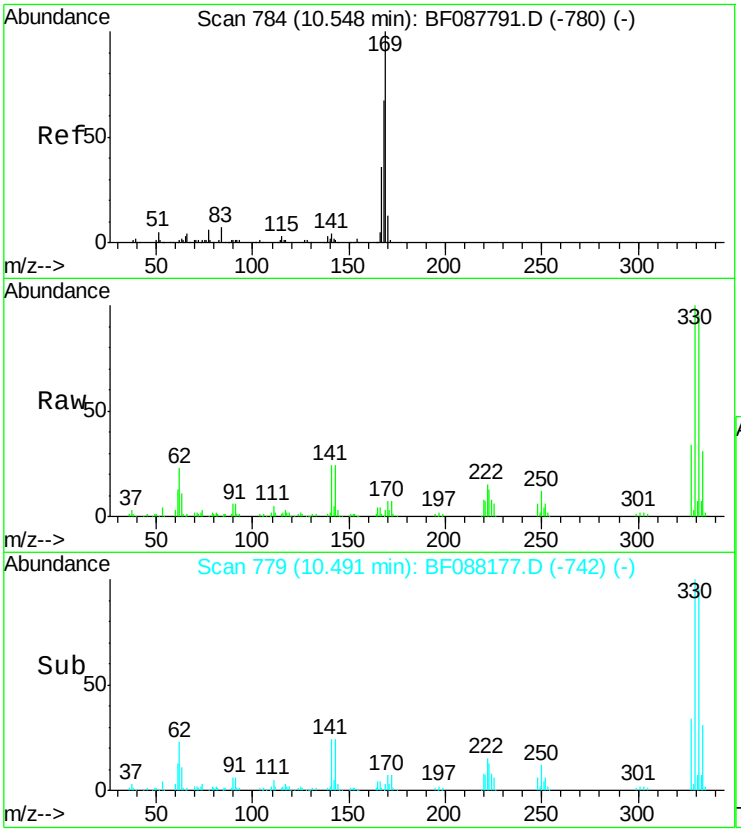


#64
4,6-Dinitro-2-methylphenol
Concen: 14.48 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.17 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion:198 Resp: 235

Ion	Ratio	Lower	Upper
198	100		
51	119.6	39.6	79.6#
105	160.8	36.6	76.6#



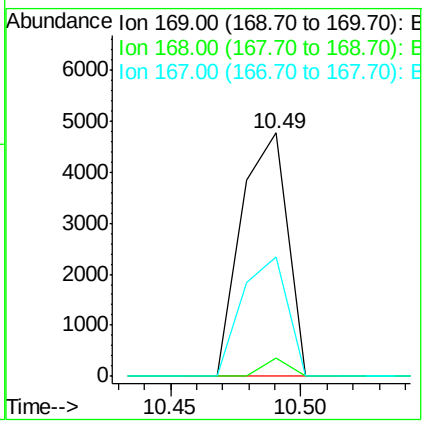


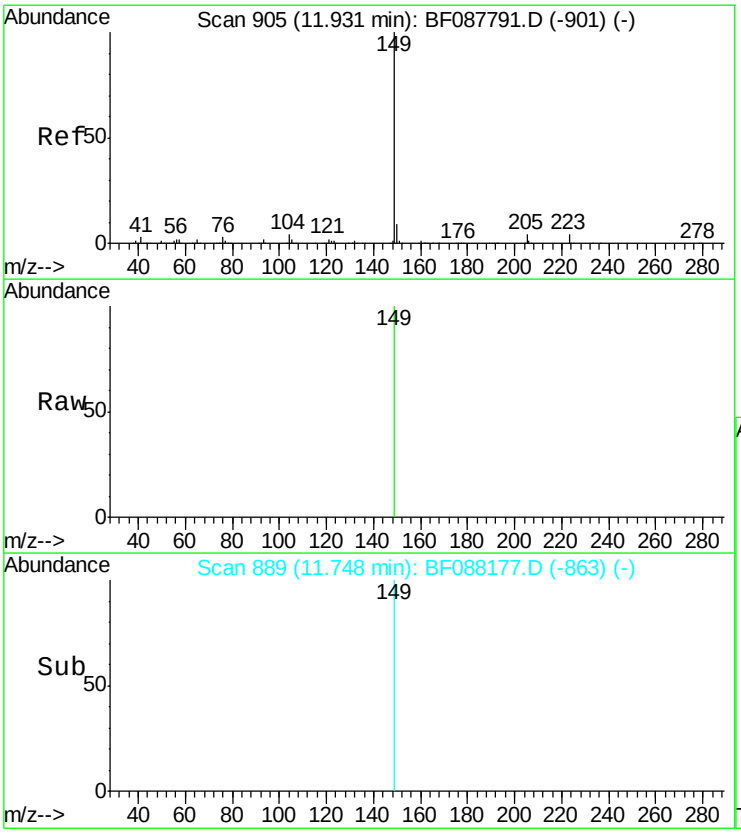
#65
n-Nitrosodiphenylamine
Concen: 60.91 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.13 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

Tgt Ion:169 Resp: 5898

Ion	Ratio	Lower	Upper
169	100		
168	7.6	53.4	80.0#
167	49.2	29.4	44.0#

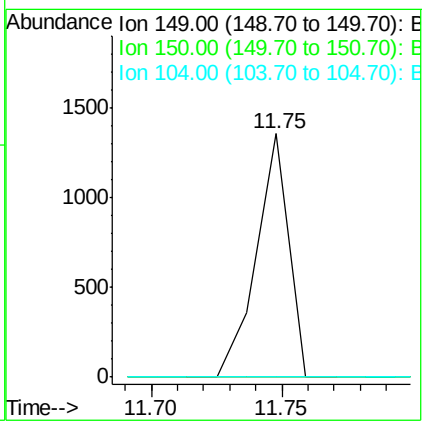


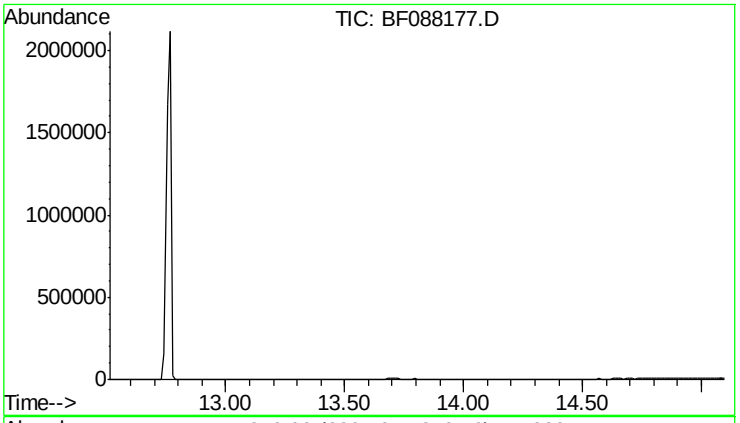


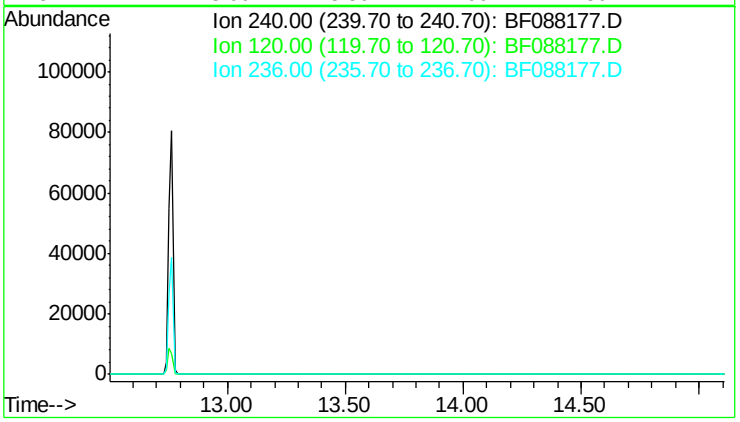
#73
Di-n-butylphthalate
Concen: 6.43 ng
RT: 11.75 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion:149 Resp: 1177

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	4.0	6.0#







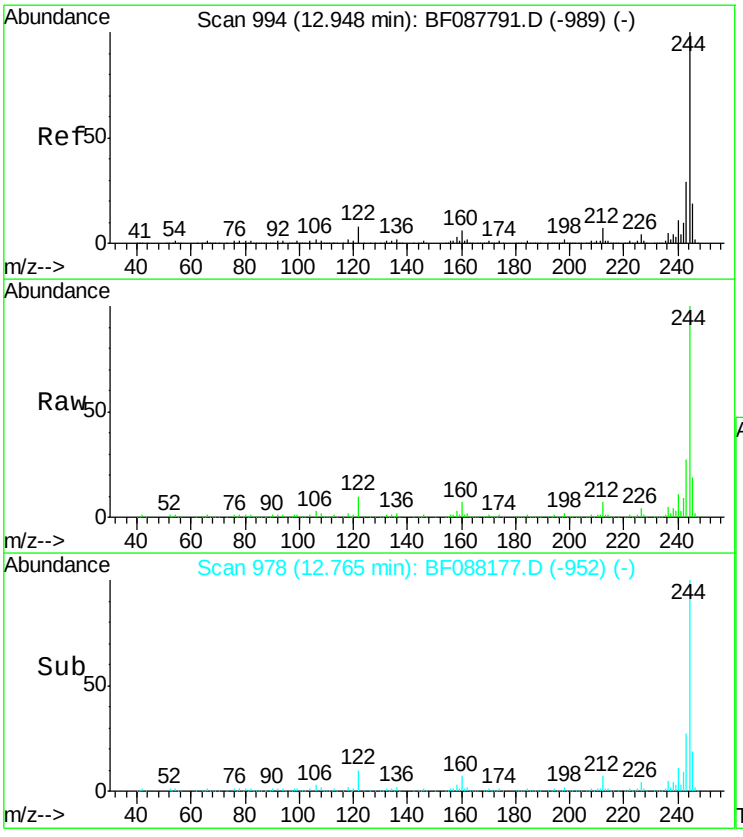
#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 13.81 min

Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	8.5
236	25.2

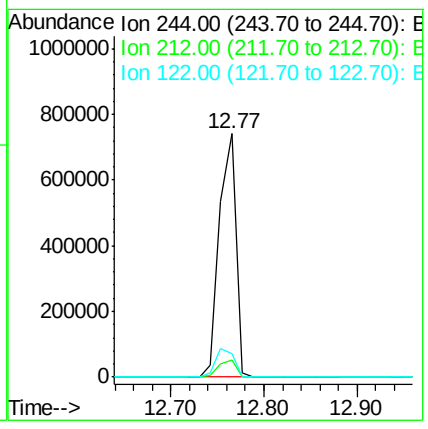
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

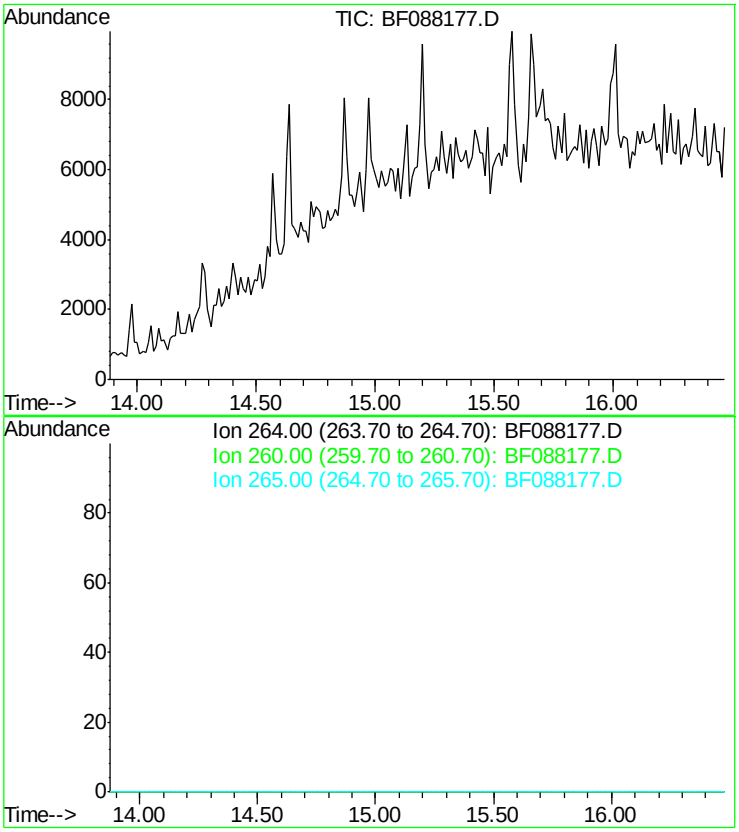


#78
Terphenyl-d14
Concen: 0.00 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion:244 Resp: 911840

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.7	11.2	16.8#





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 15.18 min

Lab File: BF088177.D
Acq: 20 Jun 2016 17:29

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.0
265	21.1

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991