Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087621.D
Acq On : 1 Jun 2016 14:01
Operator : UM/SJ
Sample : H3303-03DL 100X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 01 15:14:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 13:33:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	84064	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	334576	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	139136	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	207391	20.00	ng	0.00
75) Chrysene-d12	18.42	240	195256	20.00	ng	0.00
86) Perylene-d12	20.10	264	150593	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.22	99	1643	0.25	ng	0.21
23) Nitrobenzene-d5	8.36	82	1666	0.25	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.26	172	12412	1.26	ng	0.00
78) Terphenyl-d14	17.06	244	7954	0.87	ng	0.00
Target Compounds						Qvalue
25) Isophorone	8.89	82	31495	2.65	ng	# 67
31) Naphthalene	9.51	128	74245	4.43	ng	# 96
32) Benzoic acid	9.47	122	224	5.90	ng	# 1
35) Caprolactam	10.26	113	14519	11.10	ng	# 1
37) 2-Methylnaphthalene	10.63	142	235801	22.51	ng	# 95
53) 2,4-Dinitrophenol	12.67	184	274	6.76	ng	# 1
55) 4-Nitrophenol	12.73	139	6014	5.47	ng	# 67
65) n-Nitrosodiphenylamine	13.50	169	37415	5.58	ng	# 41
70) Phenanthrene	14.75	178	44235	3.85	ng	96
71) Anthracene	14.75	178	44235	3.81	ng	97

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

Quantitation Report (Not Reviewed)

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Acq On : 1 Jun 2016 14:01
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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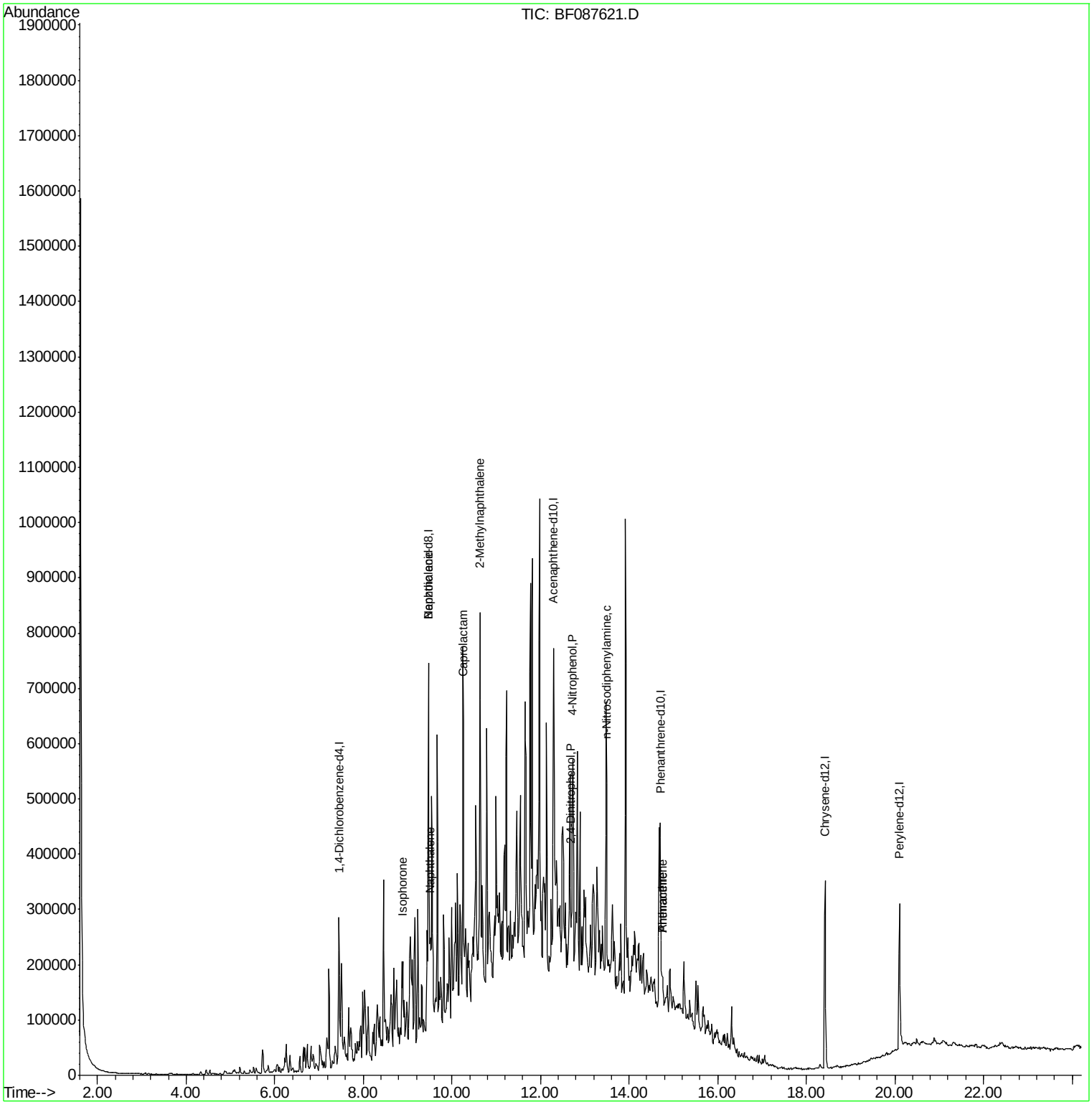
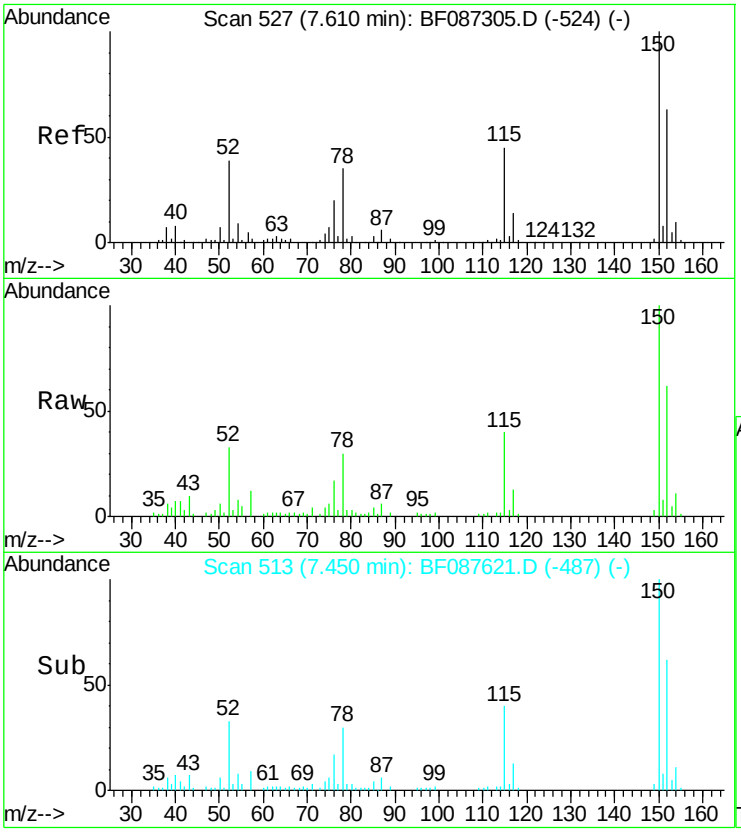
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 13:33:47 2016
Response via : Initial Calibration



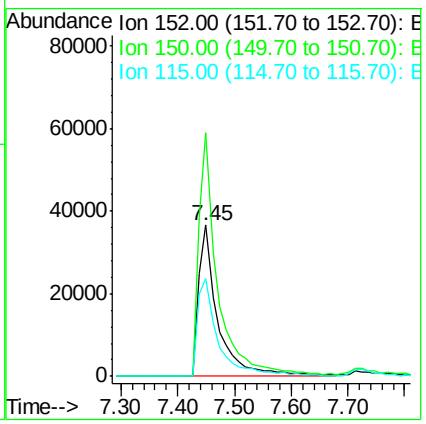


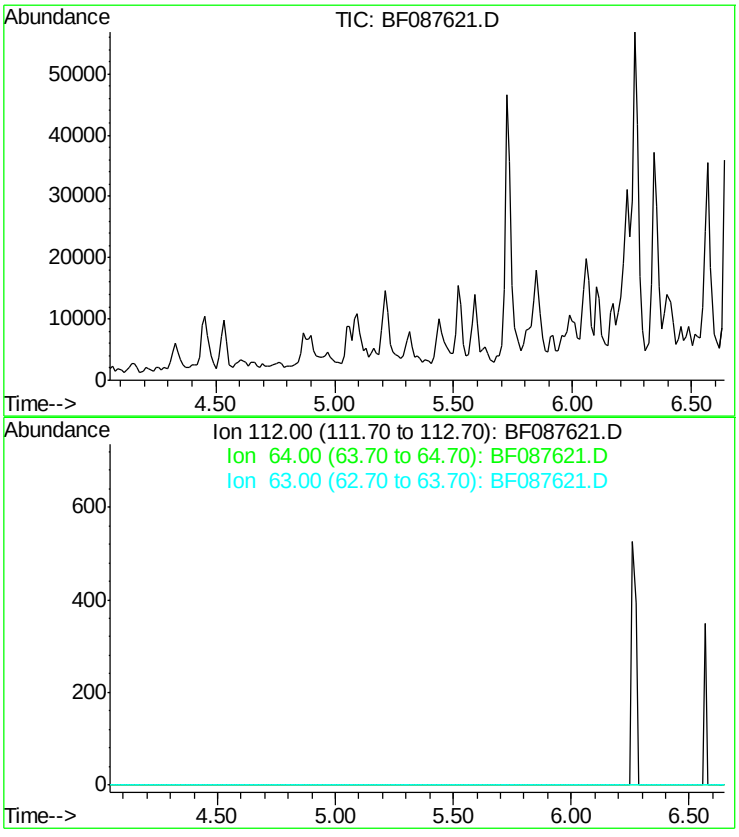
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84064

Ion	Ratio	Lower	Upper
152	100		
150	161.1	125.8	188.6
115	64.6	51.5	77.3



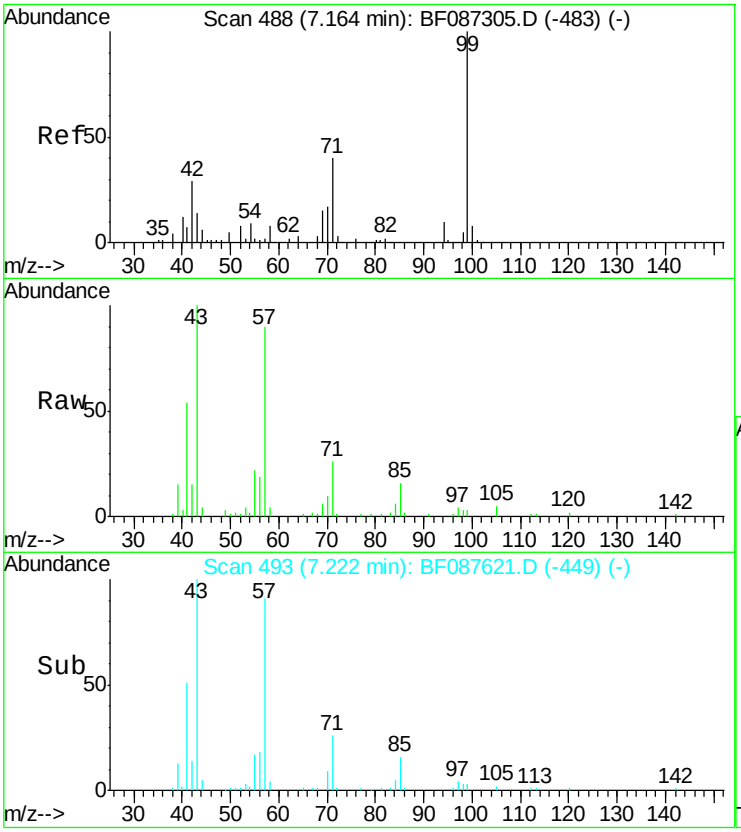


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.35 min

Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	65.1
63	32.1

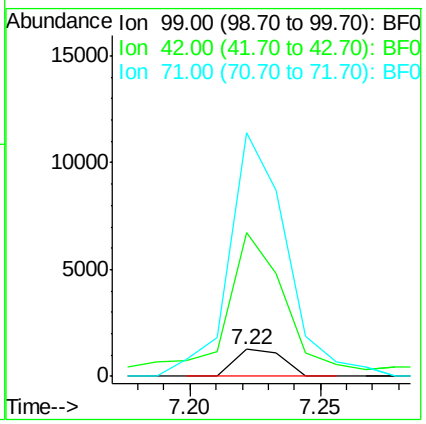


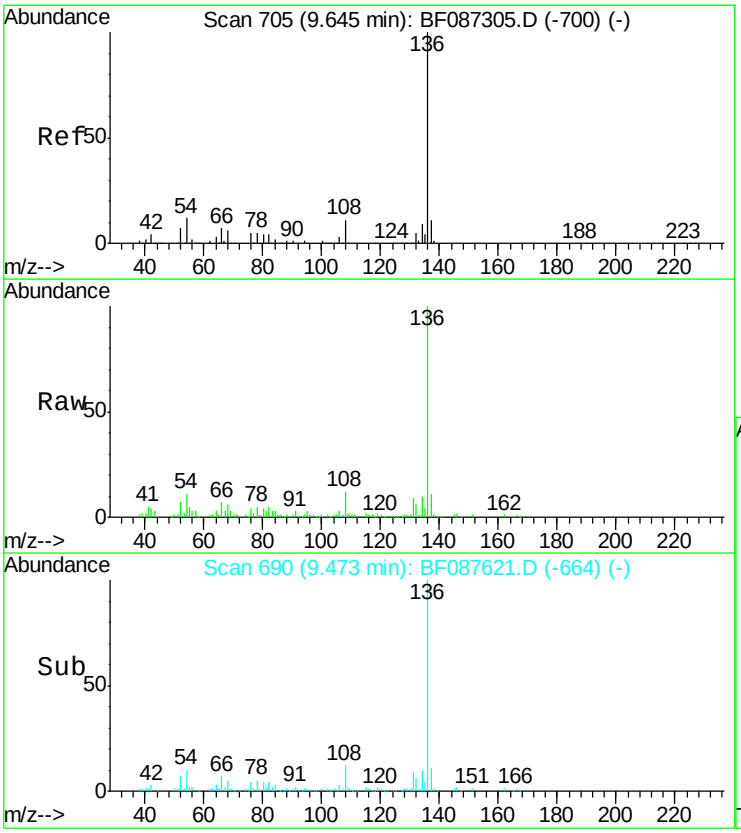
#7
Phenol-d6
Concen: 0.25 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.21 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1643

Ion	Ratio	Lower	Upper
99	100		
42	531.5	13.6	20.4#
71	896.9	24.6	36.8#

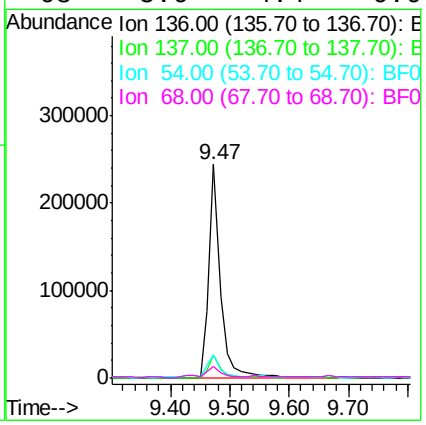


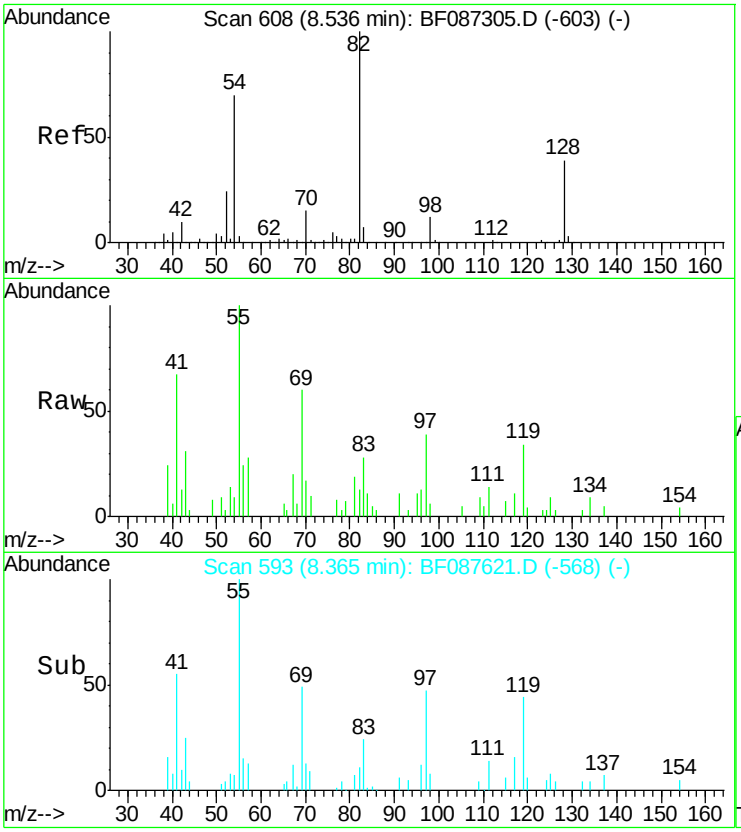


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion:136 Resp: 334576

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.7	5.0	7.4#
68	5.6	4.4	6.6



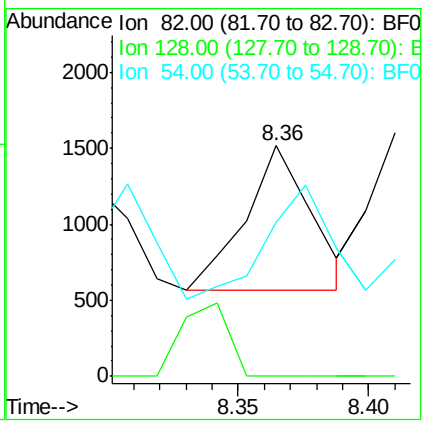


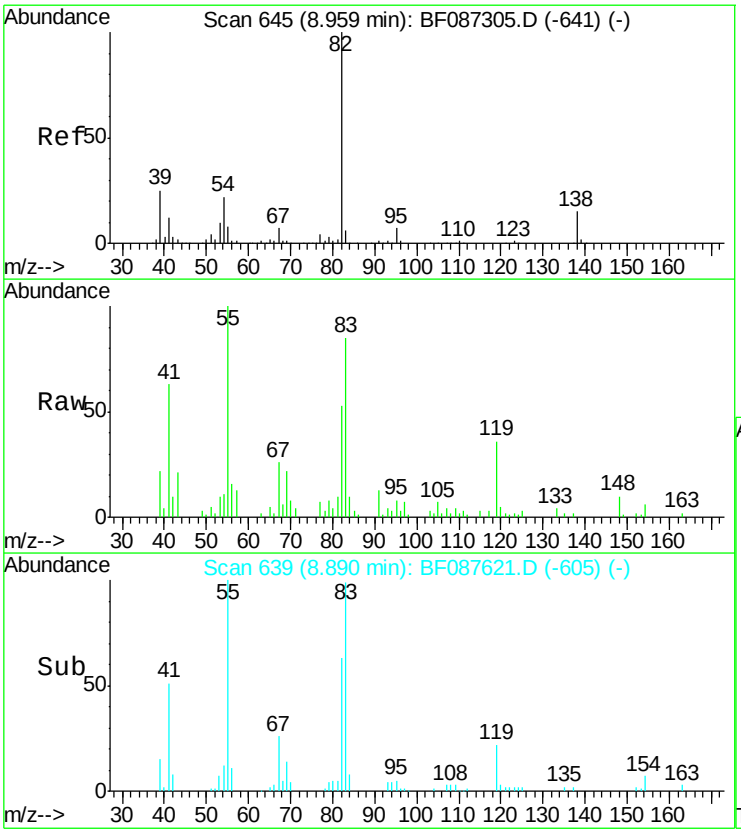
#23
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1666

Ion	Ratio	Lower	Upper
82	100		
128	0.0	40.6	61.0#
54	66.7	38.1	57.1#

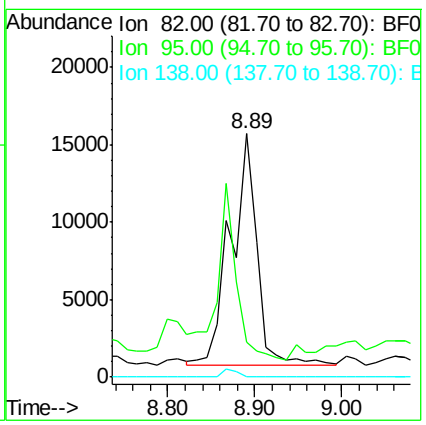


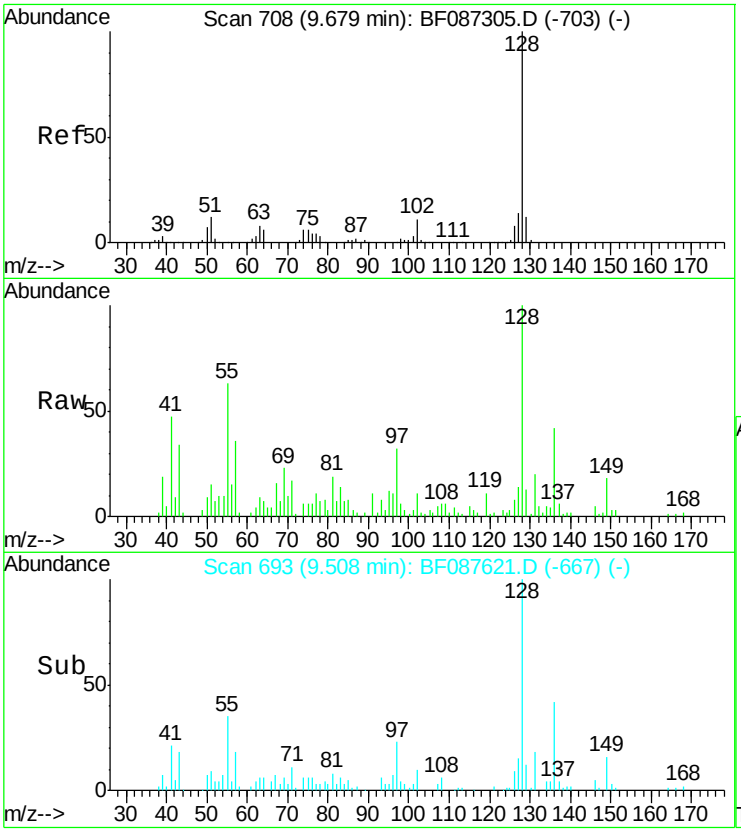


#25
Isophorone
Concen: 2.65 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.09 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion: 82 Resp: 31495

Ion	Ratio	Lower	Upper
82	100		
95	14.4	5.1	7.7#
138	0.0	12.4	18.6#



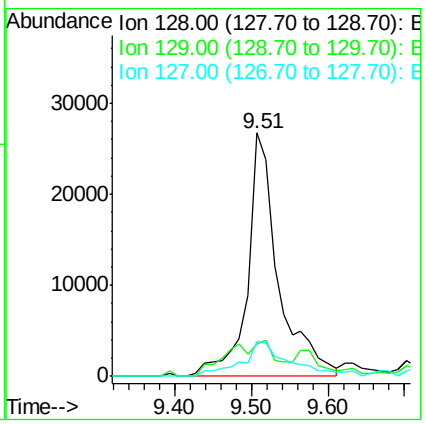


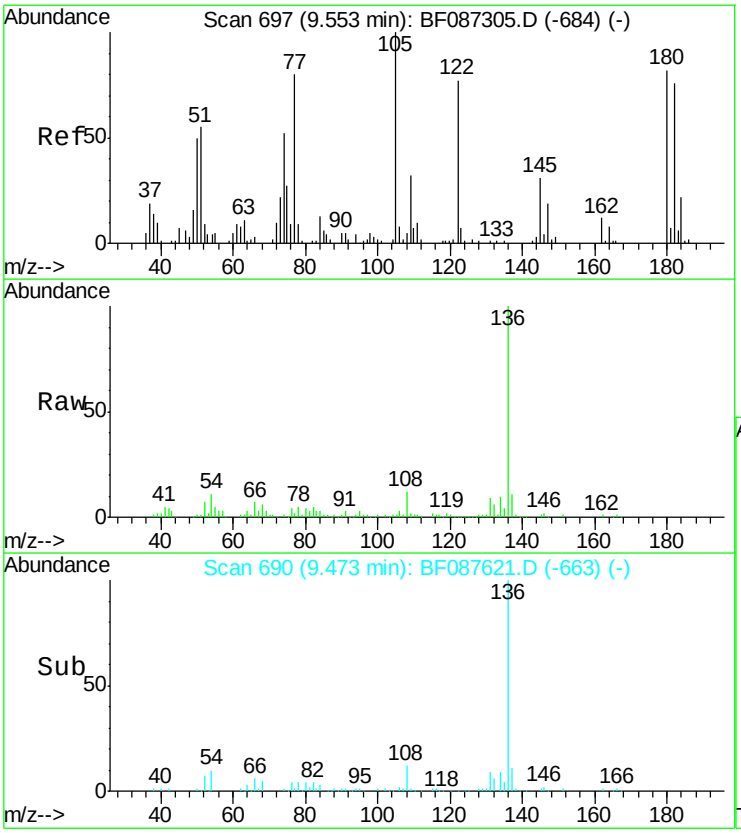
#31
Naphthalene
Concen: 4.43 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 74245

Ion	Ratio	Lower	Upper
128	100		
129	13.2	8.6	13.0#
127	14.5	10.8	16.2

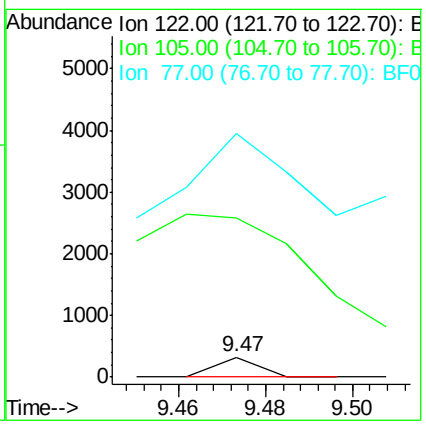


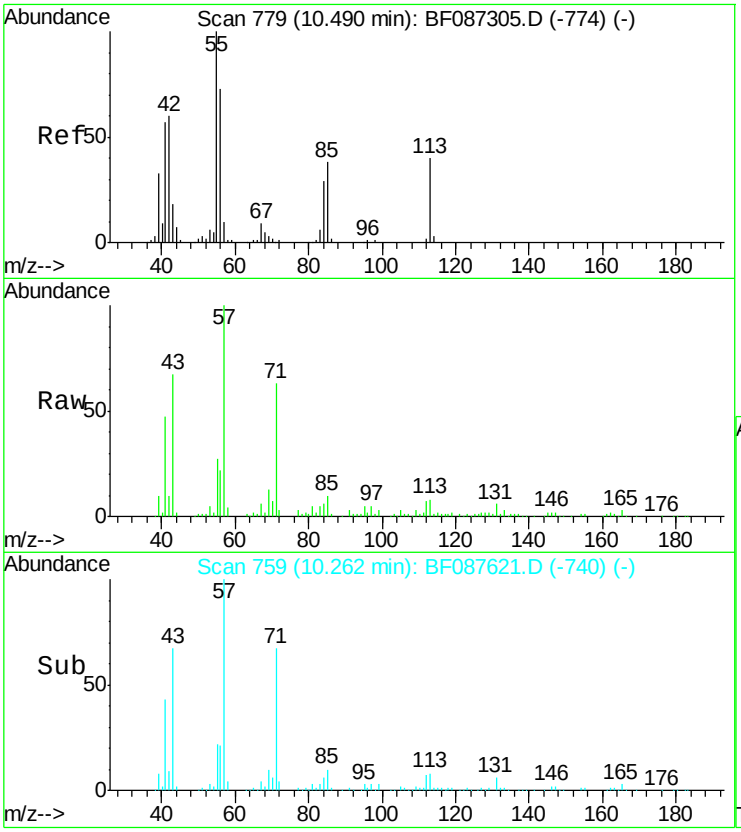


#32
Benzoic acid
Concen: 5.90 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion:122 Resp: 224

Ion	Ratio	Lower	Upper
122	100		
105	787.8	92.6	132.6#
77	1207.3	60.0	100.0#



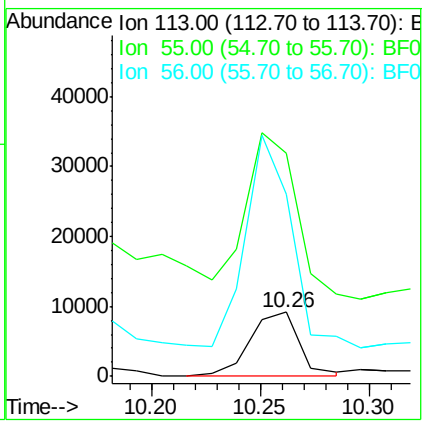


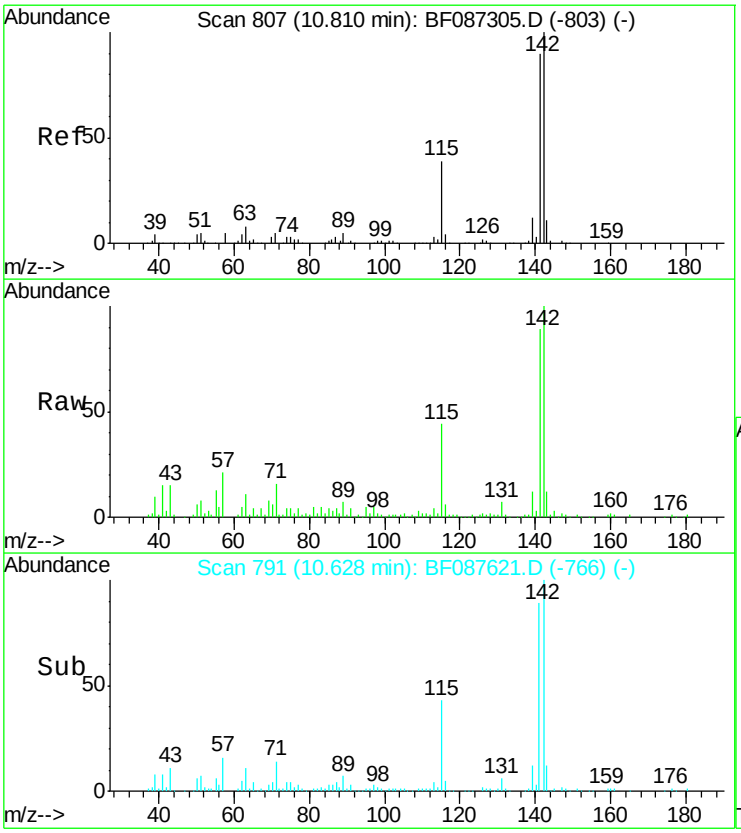
#35
Caprolactam
Concen: 11.10 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.08 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 14519

Ion	Ratio	Lower	Upper
113	100		
55	348.9	162.0	202.0#
56	284.4	115.3	155.3#

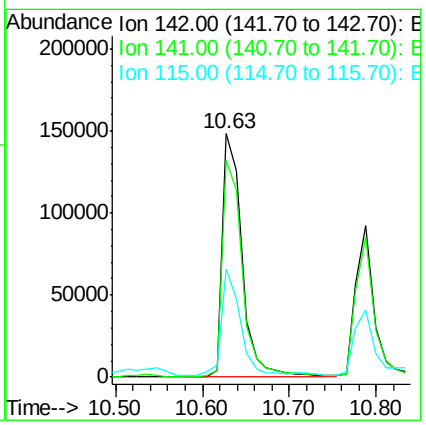


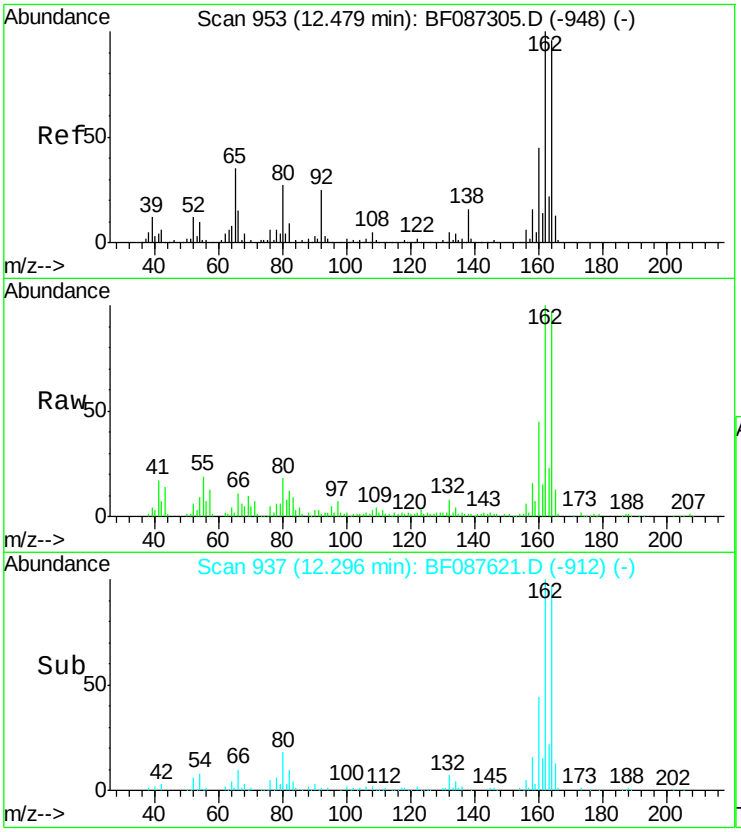


#37
2-Methylnaphthalene
Concen: 22.51 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion:142 Resp: 235801

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	44.1	26.6	39.8#



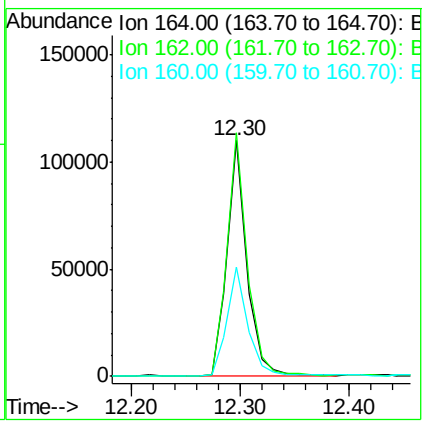


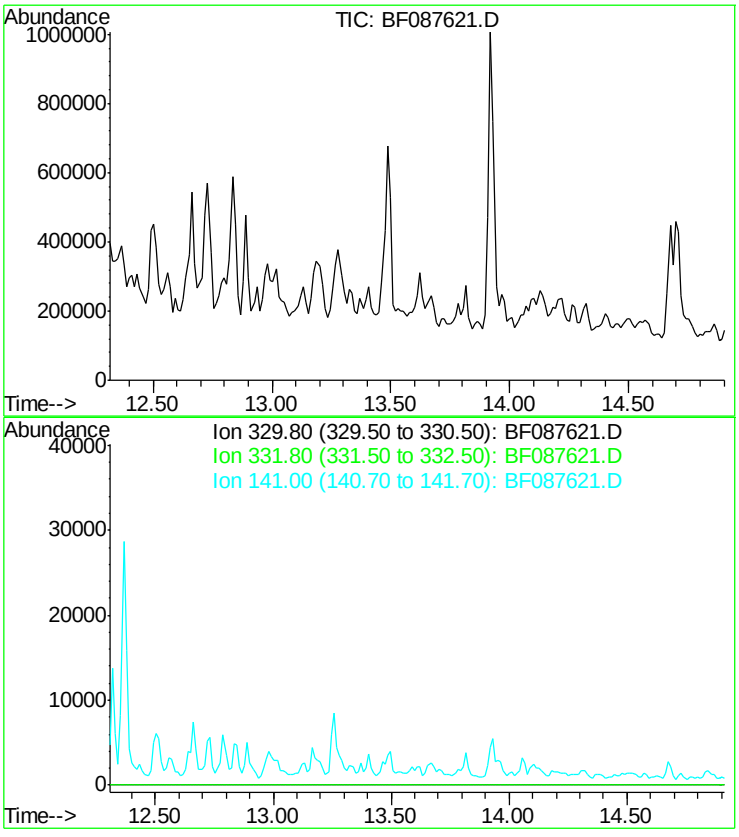
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 139136

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	46.2	36.9	55.3



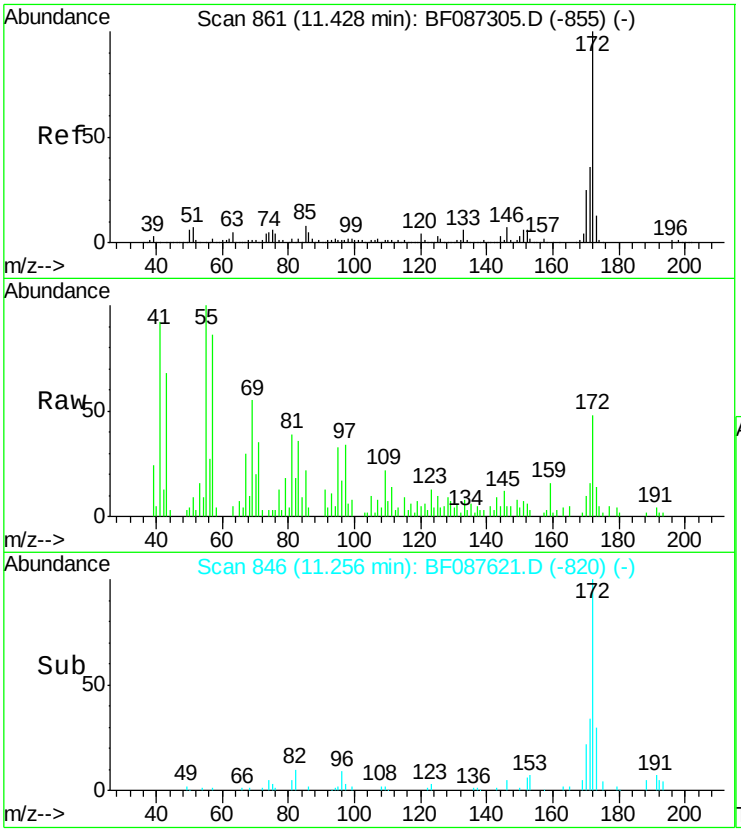


#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 13.61 min

Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	98.7
141	39.0

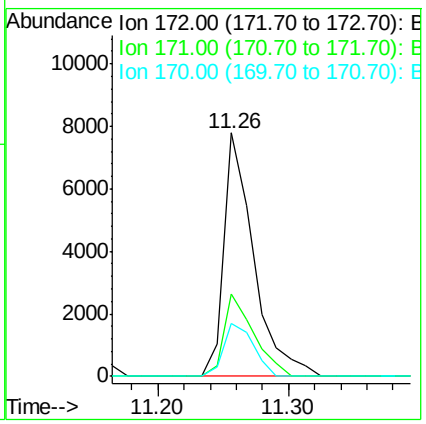


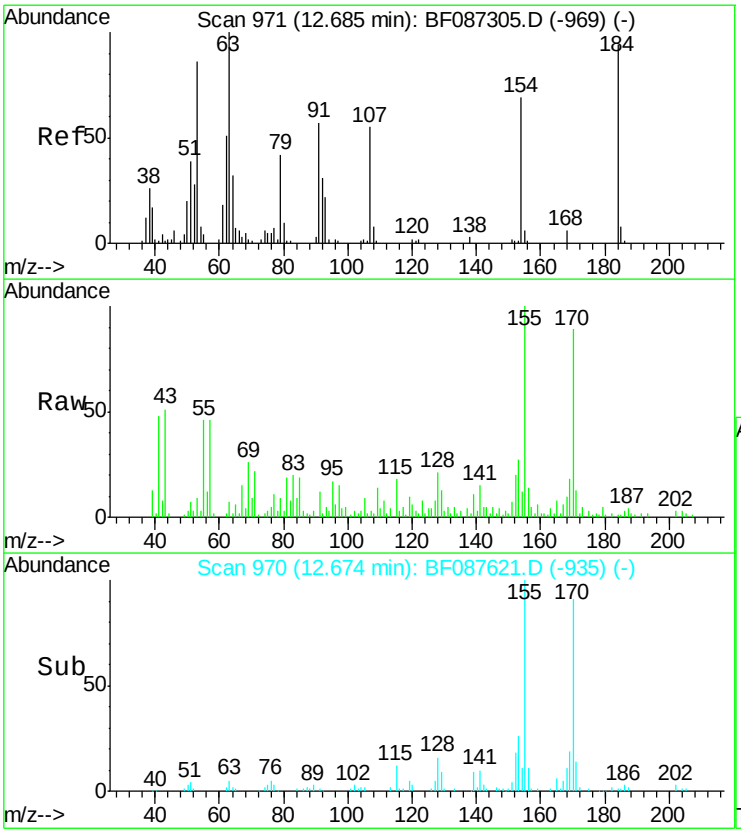
#44
2-Fluorobiphenyl
Concen: 1.26 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 12412

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.0	43.6
170	21.6	19.8	29.8

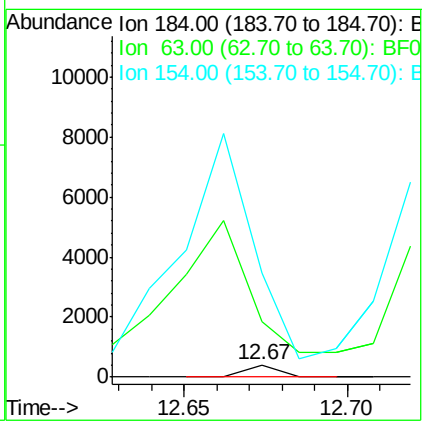


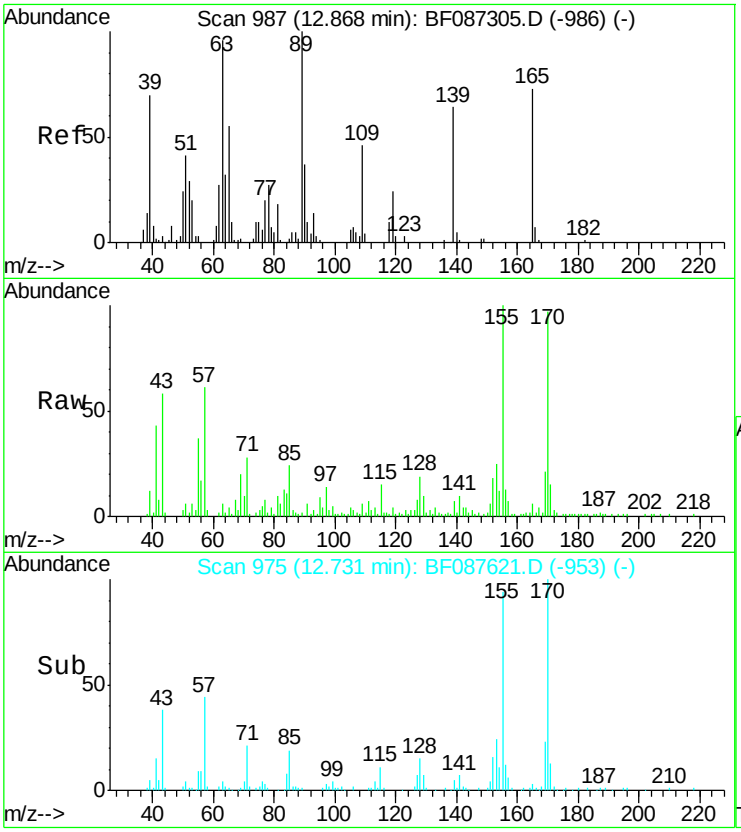


#53
2,4-Dinitrophenol
Concen: 6.76 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.10 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion:184 Resp: 274

Ion	Ratio	Lower	Upper
184	100		
63	467.5	55.8	83.8#
154	863.5	62.4	93.6#



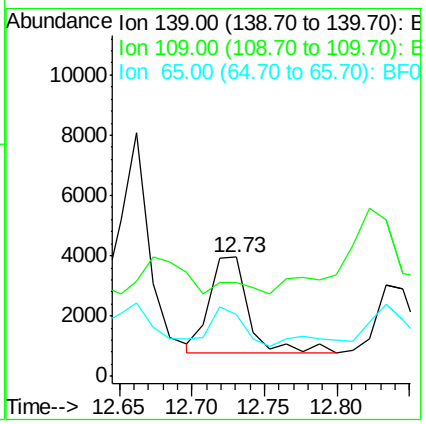


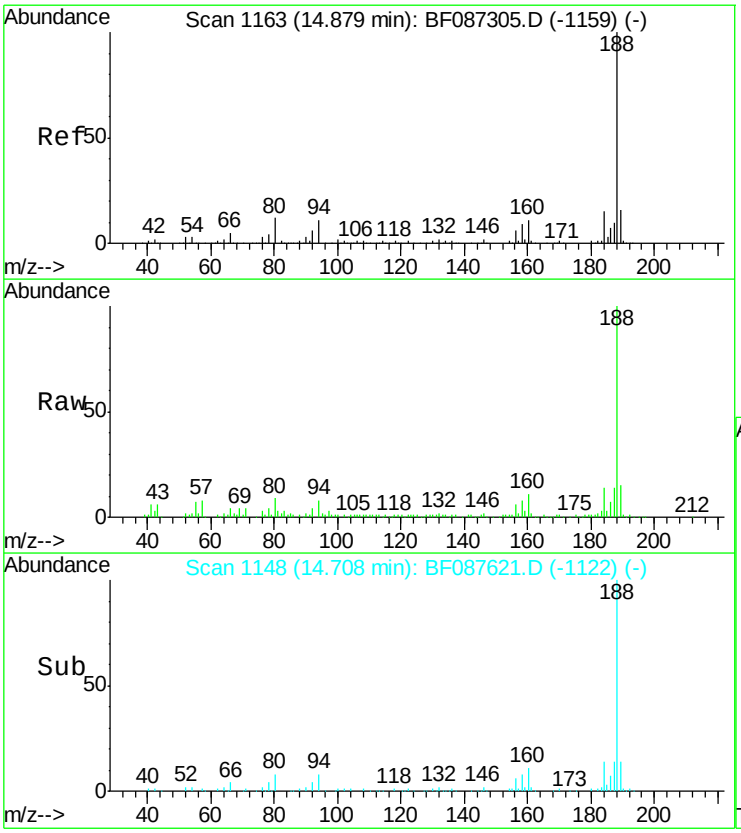
#55
4-Nitrophenol
Concen: 5.47 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.05 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 6014

Ion	Ratio	Lower	Upper
139	100		
109	78.8	36.9	76.9#
65	52.0	64.0	104.0#

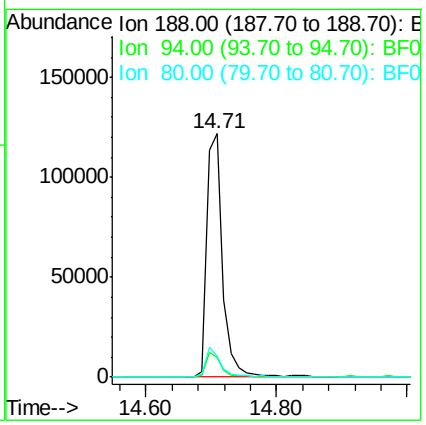


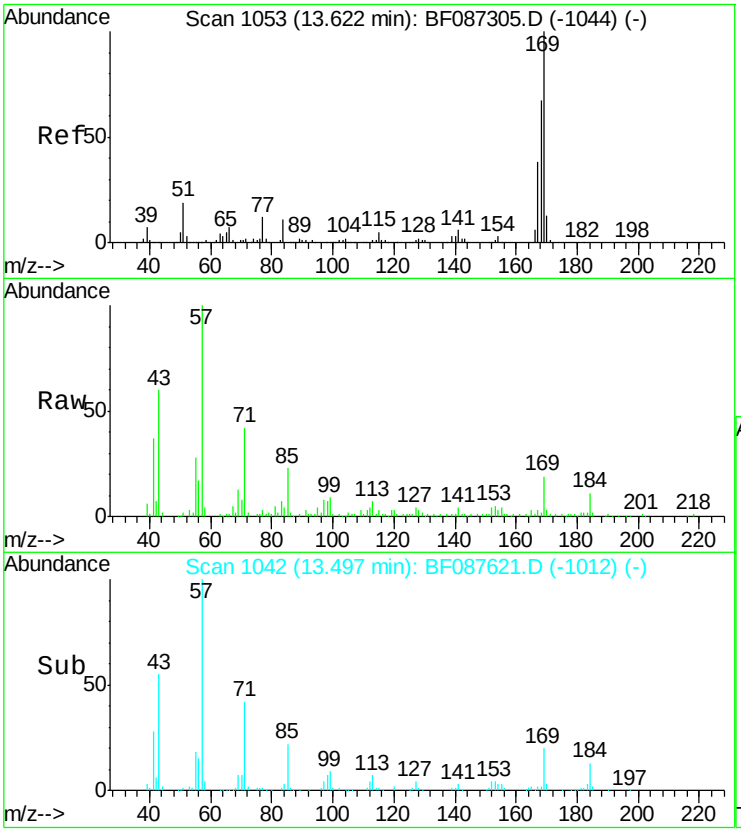


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion:188 Resp: 207391

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.7	7.1	10.7



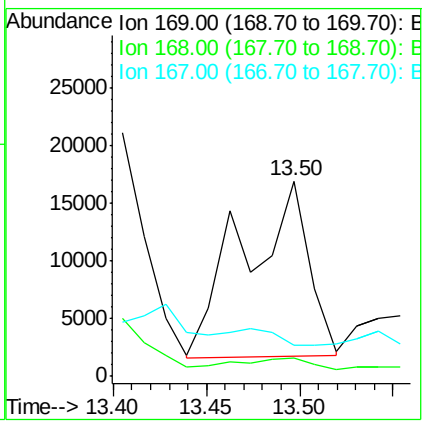


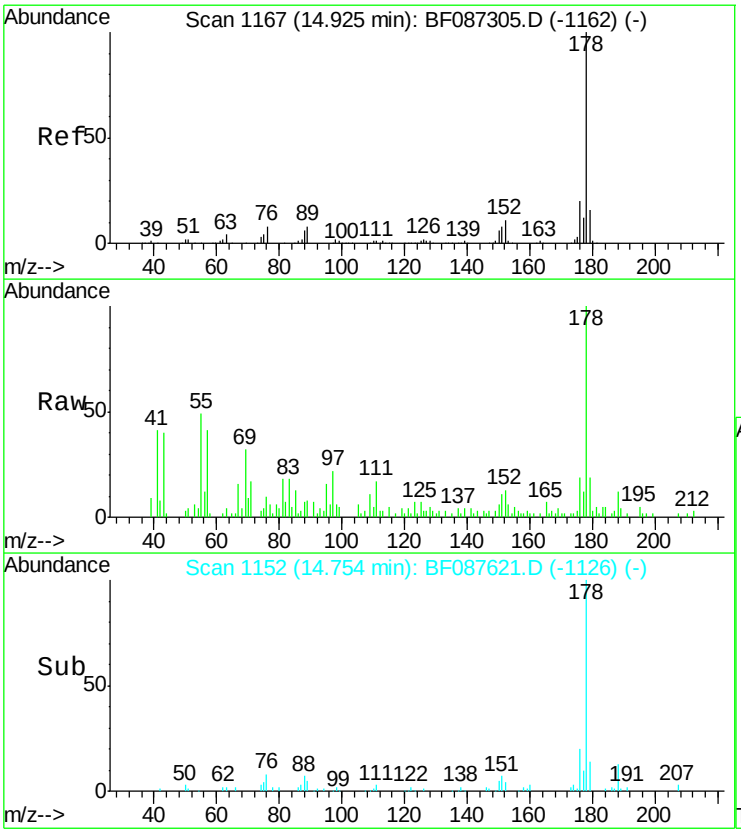
#65
n-Nitrosodiphenylamine
Concen: 5.58 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 37415

Ion	Ratio	Lower	Upper
169	100		
168	9.4	53.8	80.6#
167	15.9	29.5	44.3#

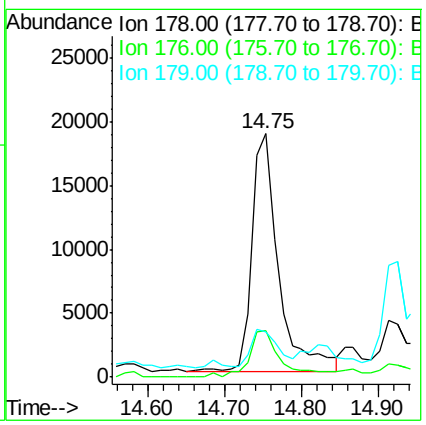


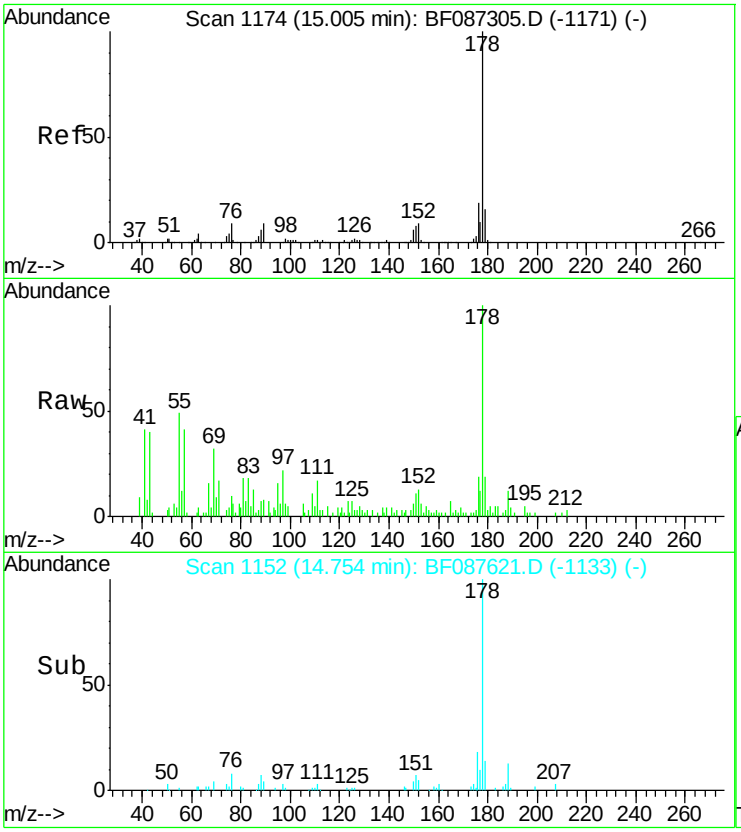


#70
Phenanthrene
Concen: 3.85 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion:178 Resp: 44235

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	18.7	12.6	18.8



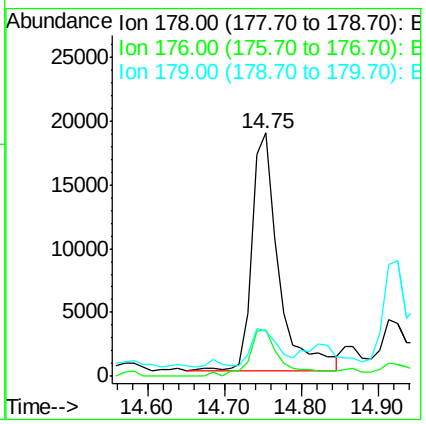


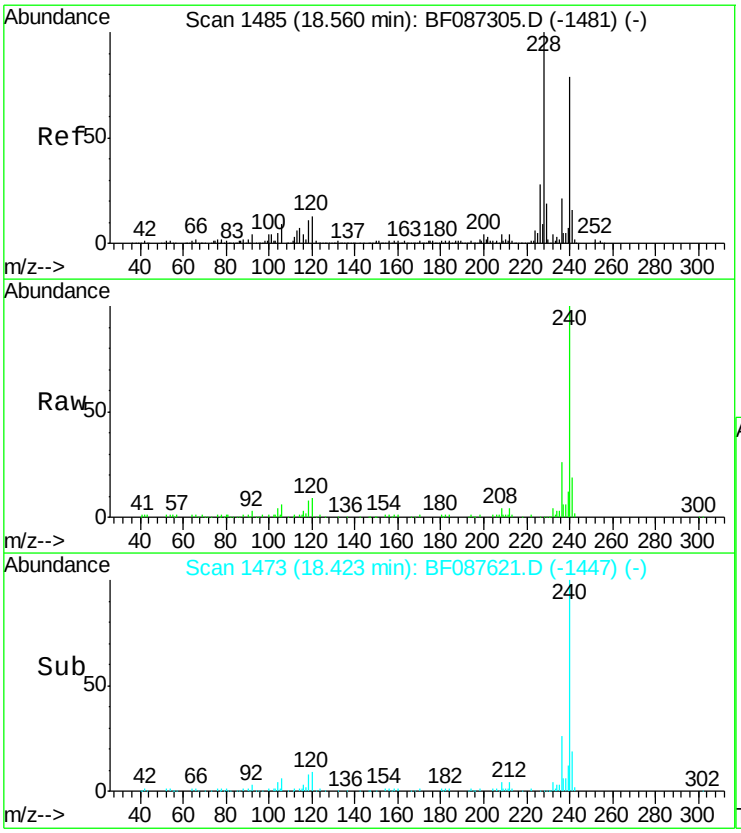
#71
Anthracene
Concen: 3.81 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.08 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 44235

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	18.7	12.7	19.1

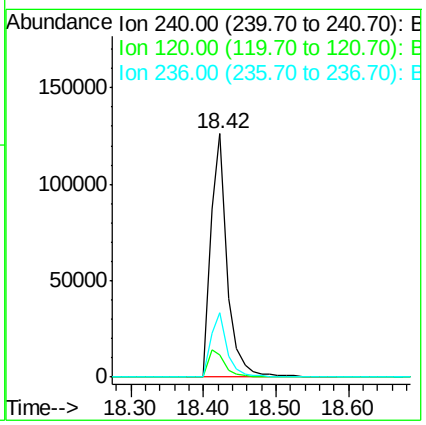


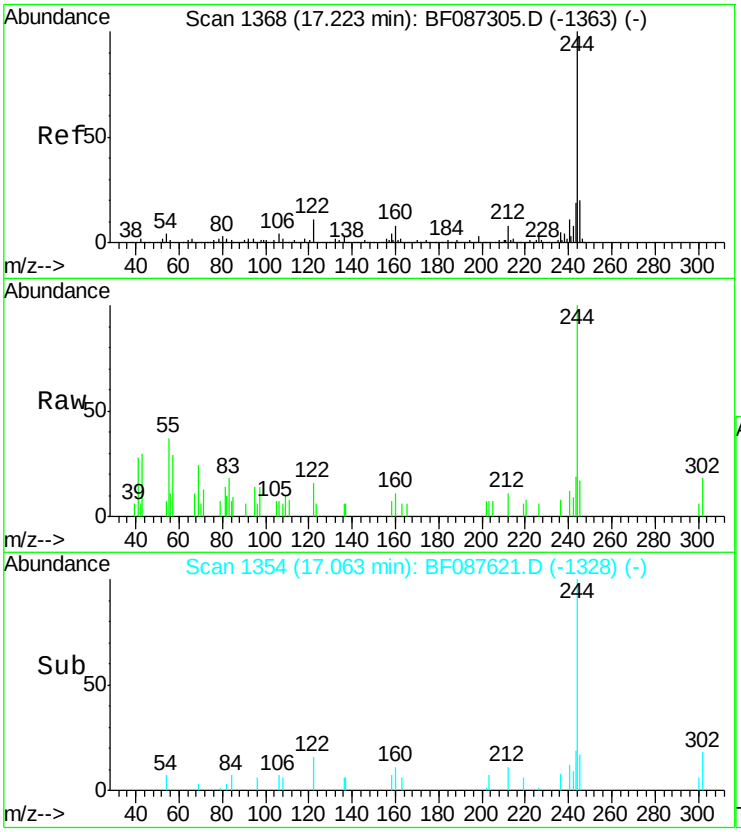


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.42 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion:240 Resp: 195256

Ion	Ratio	Lower	Upper
240	100		
120	9.3	11.2	16.8#
236	26.2	21.2	31.8



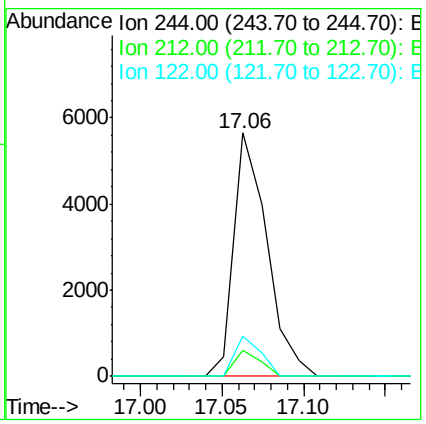


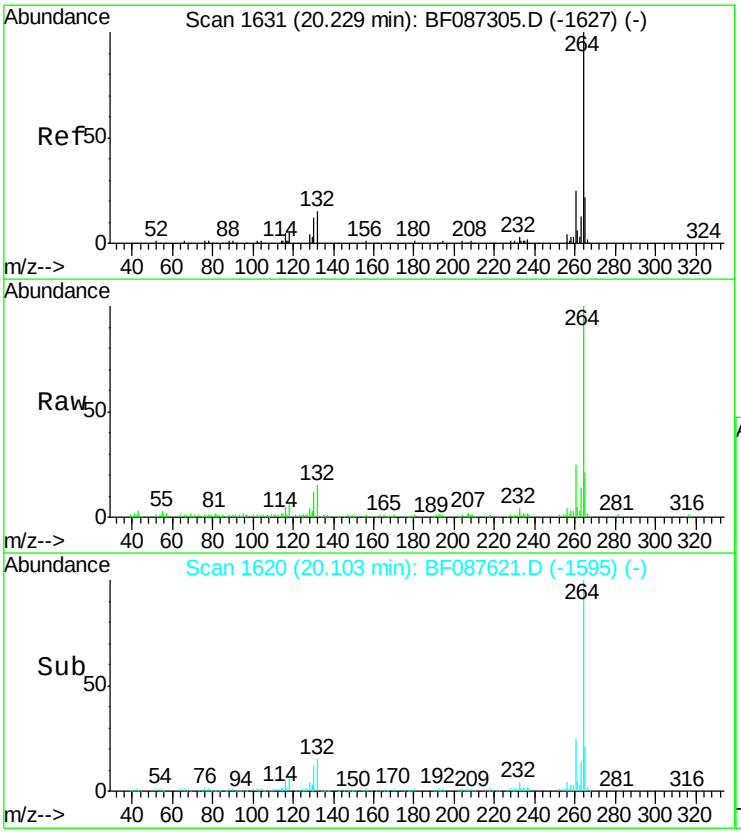
#78
Terphenyl-d14
Concen: 0.87 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 7954

Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.2	9.2#
122	16.5	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.10 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BF087621.D
Acq: 1 Jun 2016 14:01

Tgt Ion:264 Resp: 150593

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9