Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084435.D
Acq On : 13 Jan 2016 3:19
Operator : SJ/UM
Sample : H1078-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P0-010

Quant Time: Jan 13 04:51:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	269487	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1023307	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	502297	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	853177	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	533013	20.00	ng	-0.07
86) Perylene-d12	15.43	264	465465	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1104138	66.27	ng	-0.04
7) Phenol-d6	6.49	99	967115	46.22	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1862679	101.31	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	595637	117.46	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2531801	88.96	ng	-0.06
78) Terphenyl-d14	12.96	244	2138940	89.58	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	45178	3.32	ng	# 70
19) n-Nitroso-di-n-propylamine	7.41	70	253256	17.88	ng	# 78
25) Isophorone	7.41	82	1763876	50.16	ng	# 66
54) Dibenzofuran	10.09	168	918	Below Cal		# 58
56) 2,4-Dinitrotoluene	9.88	165	65276	6.55	ng	# 21
57) Fluorene	10.67	166	25009	Below Cal		# 88
64) 4,6-Dinitro-2-methylphenol	10.67	198	1336	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	37191	4.05	ng	# 1
73) Di-n-butylphthalate	11.94	149	3644	Below Cal		# 73

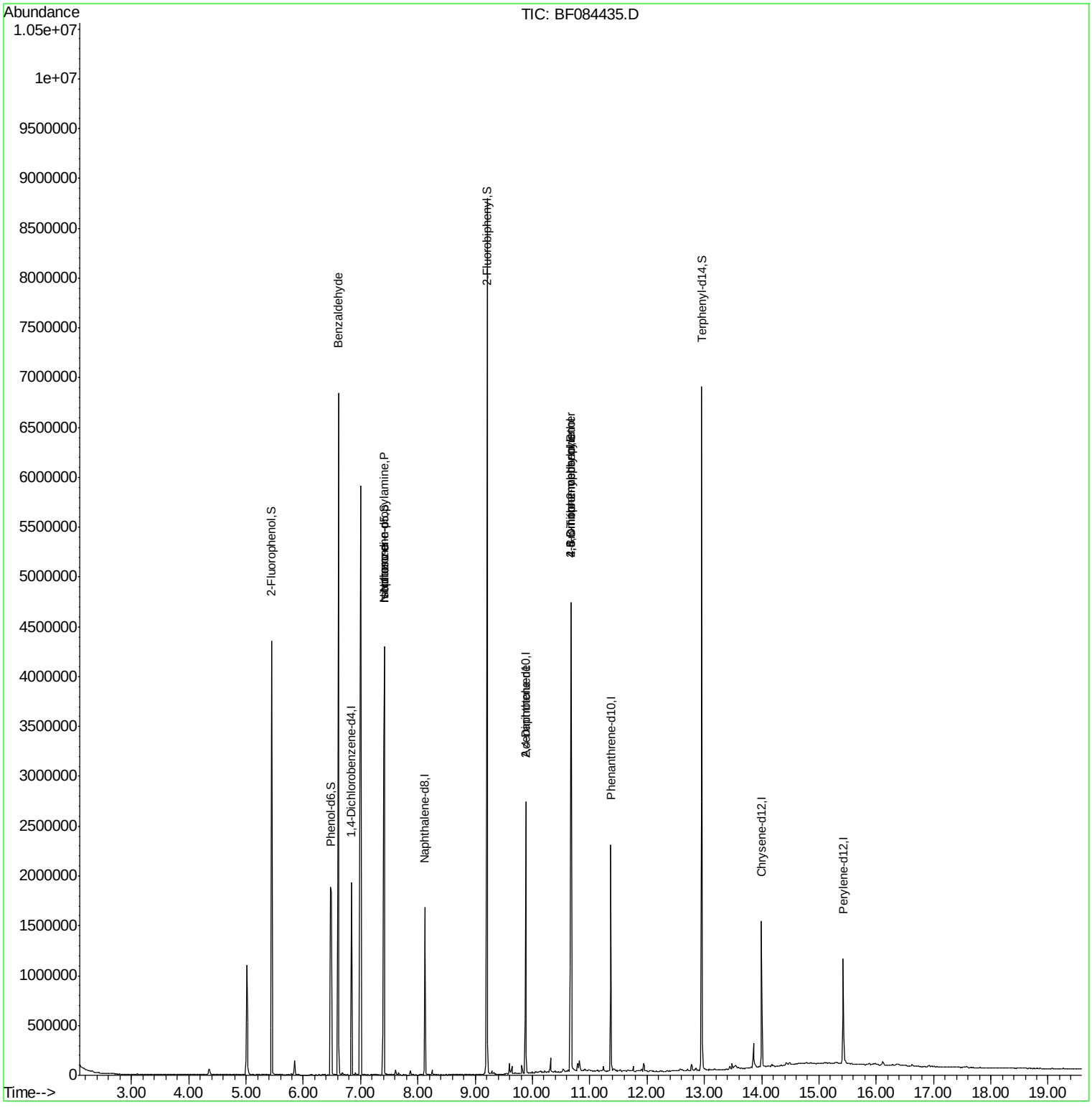
(#) = qualifier out of range (m) = manual integration (+) = signals summed

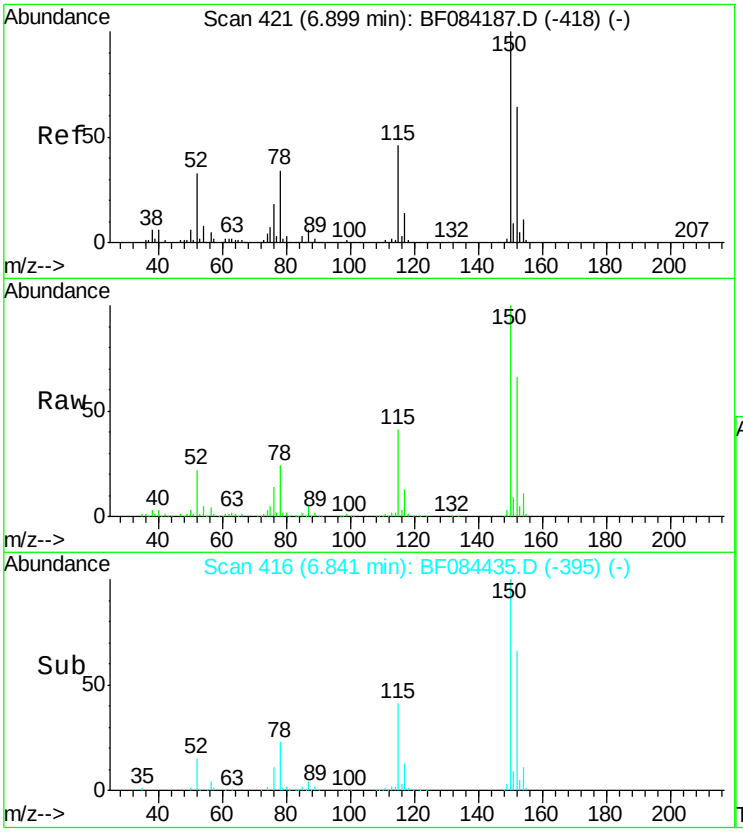
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084435.D
Acq On : 13 Jan 2016 3:19
Operator : SJ/UM
Sample : H1078-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P0-010

Quant Time: Jan 13 04:51:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



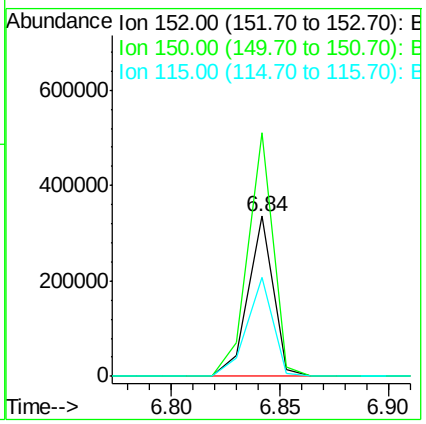


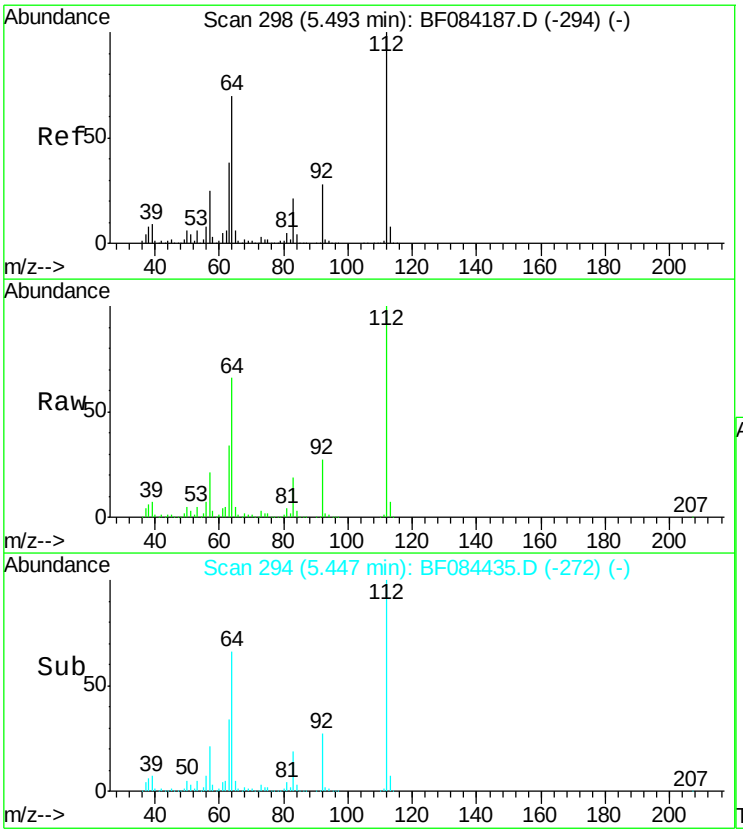
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion:152 Resp: 269487

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.0	184.4
115	62.2	51.4	77.2

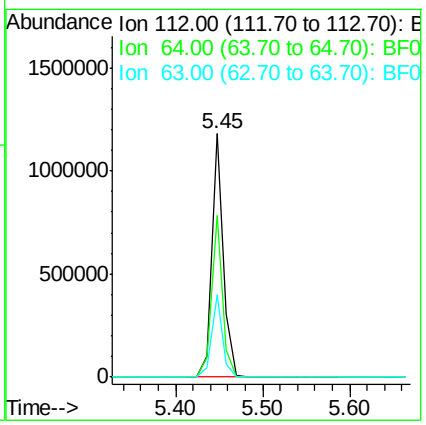


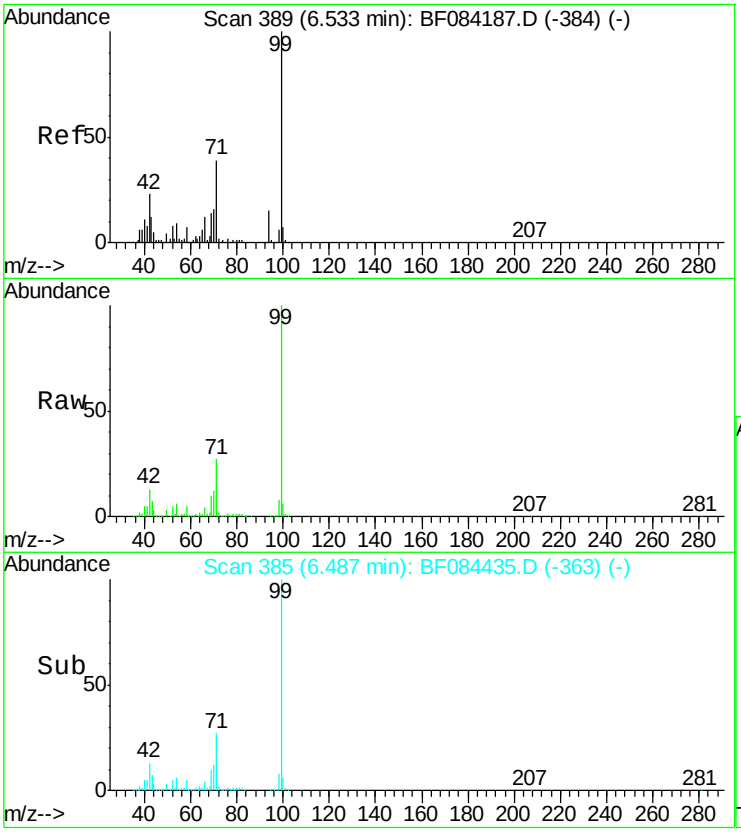


#5
2-Fluorophenol
Concen: 66.27 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion:112 Resp: 1104138

Ion	Ratio	Lower	Upper
112	100		
64	66.4	36.6	55.0#
63	33.6	19.4	29.0#



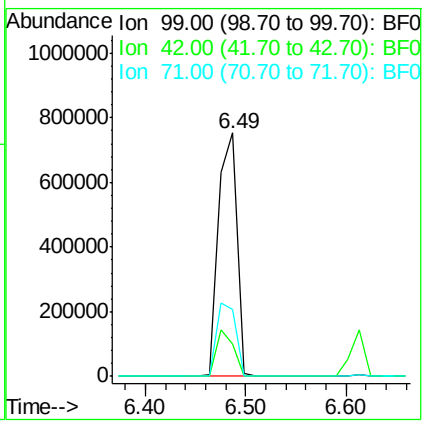


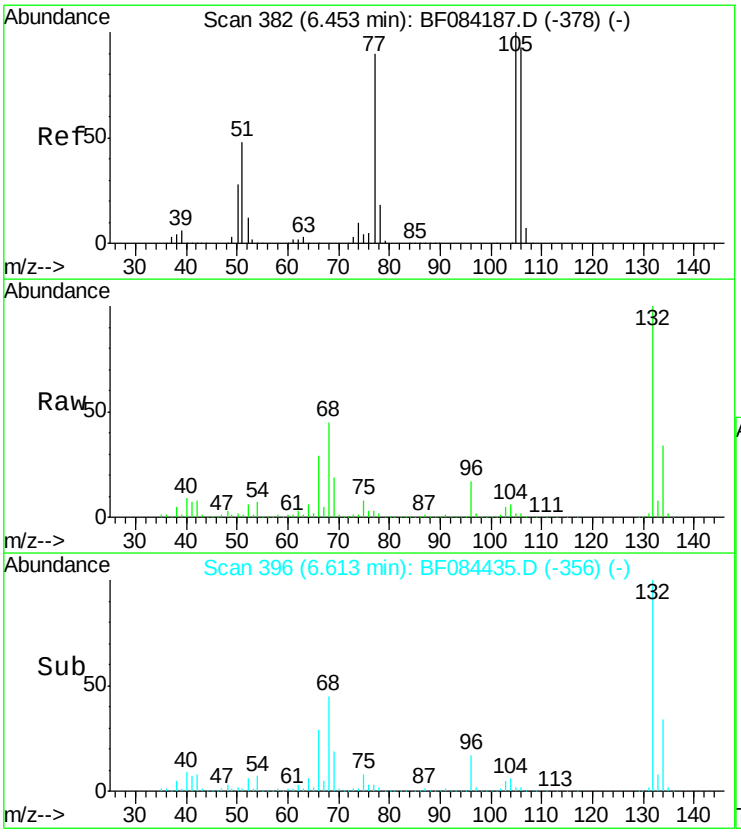
#7
Phenol-d6
Concen: 46.22 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.05 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion: 99 Resp: 967115

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.8	19.2
71	27.2	30.9	46.3#

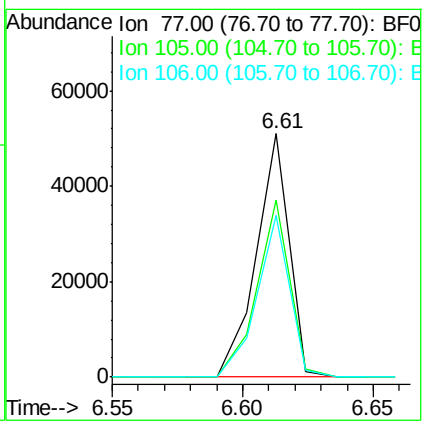


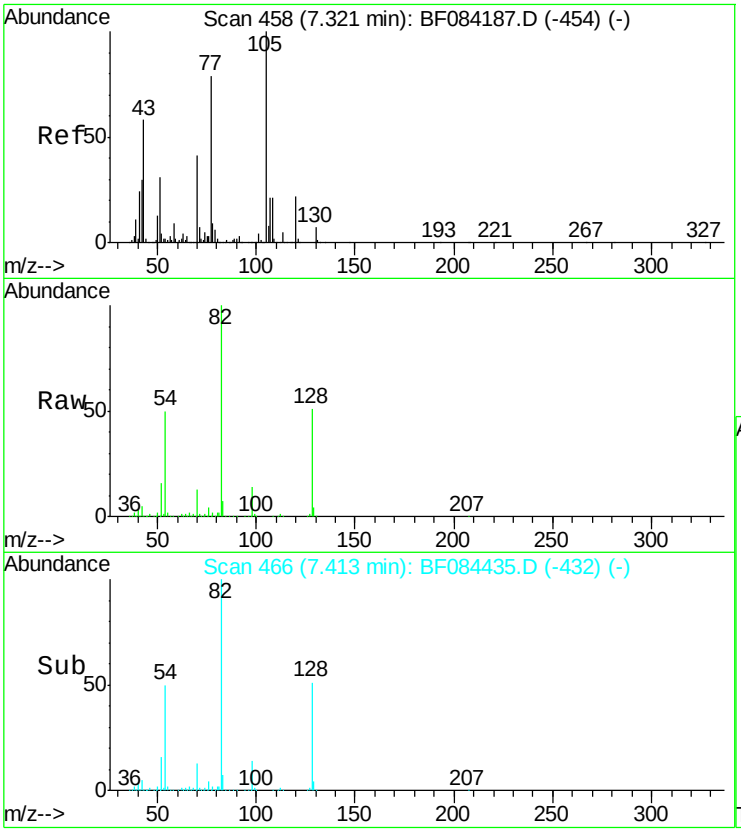


#9
Benzaldehyde
Concen: 3.32 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.16 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion: 77 Resp: 45178

Ion	Ratio	Lower	Upper
77	100		
105	72.6	83.0	123.0#
106	66.3	74.6	114.6#



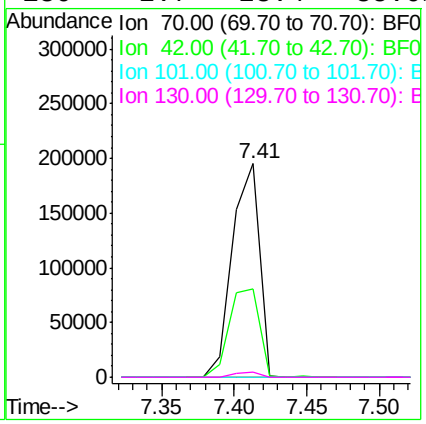


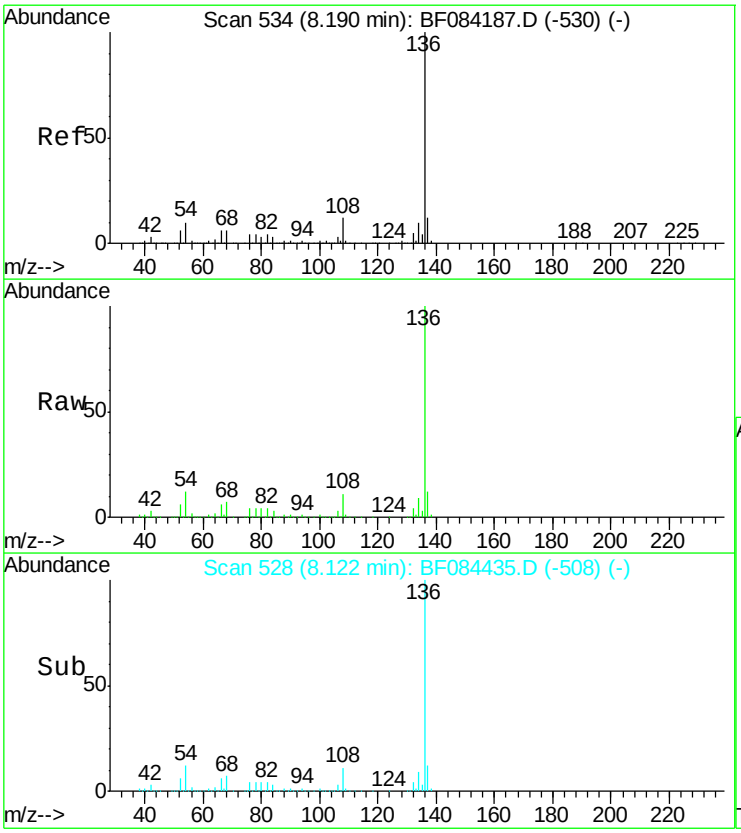
#19
n-Nitroso-di-n-propylamine
Concen: 17.88 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion: 70 Resp: 253256

Ion	Ratio	Lower	Upper
70	100		
42	41.1	33.3	49.9
101	0.0	9.3	13.9#
130	2.7	23.4	35.0#

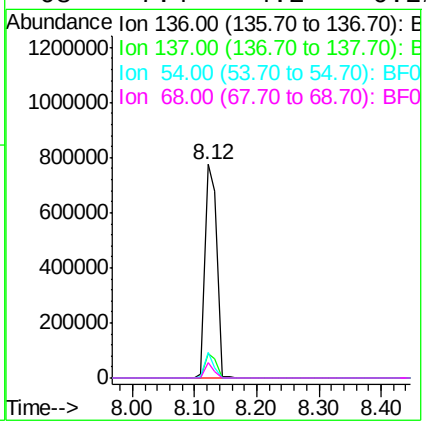


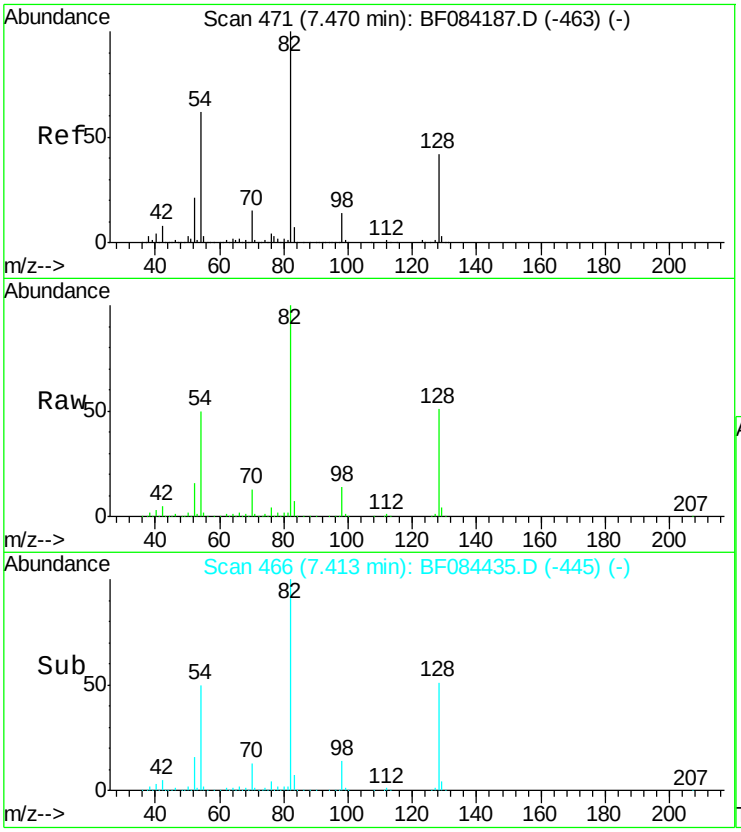


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion:136 Resp: 1023307

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	11.9	5.8	8.8#
68	7.4	4.2	6.2#



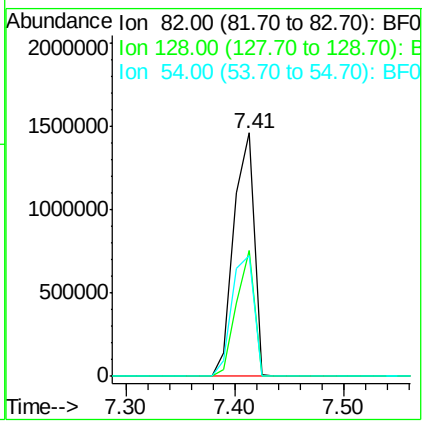


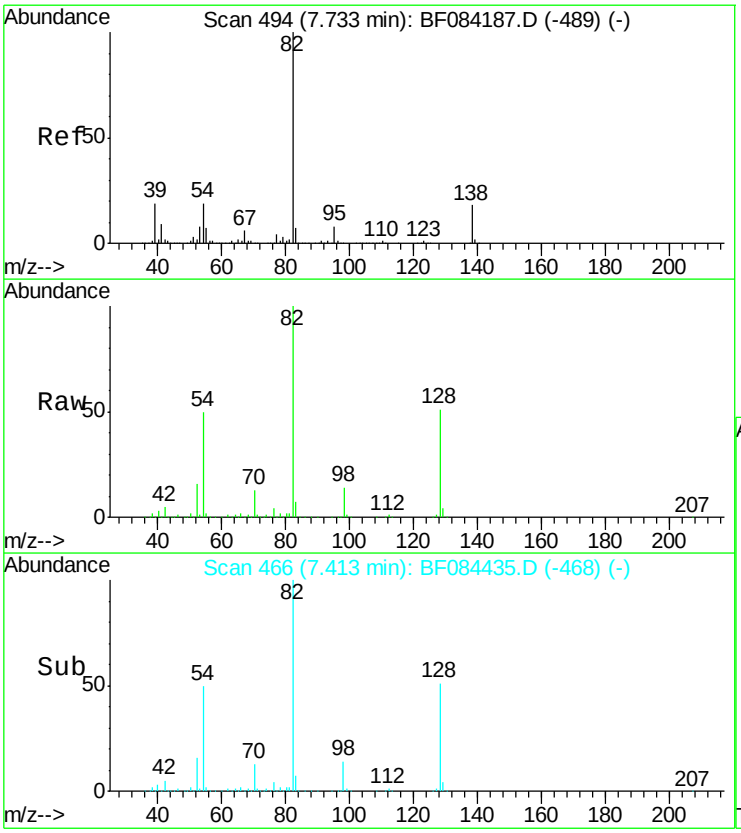
#23
Nitrobenzene-d5
Concen: 101.31 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion: 82 Resp: 1862679

Ion	Ratio	Lower	Upper
82	100		
128	51.5	34.6	51.8
54	49.7	38.4	57.6

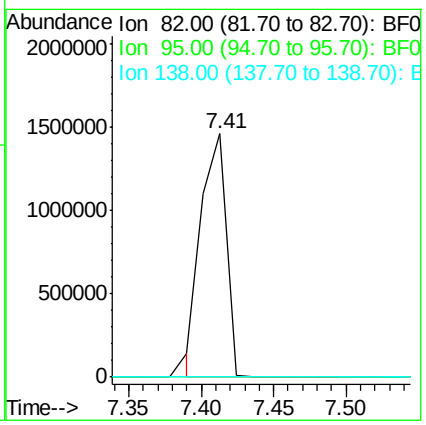


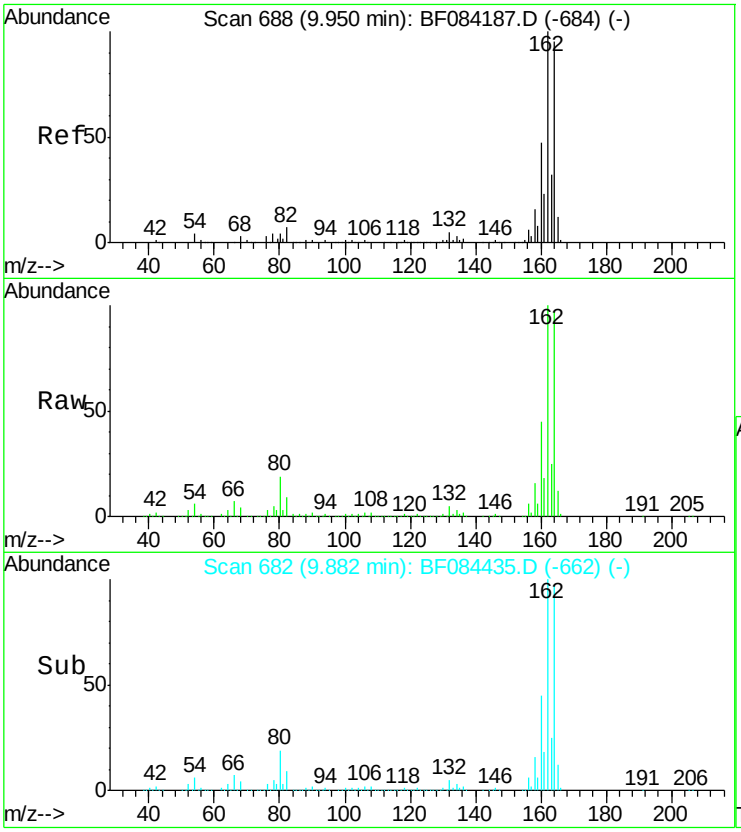


#25
Isophorone
Concen: 50.16 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.32 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion: 82 Resp: 1763876

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



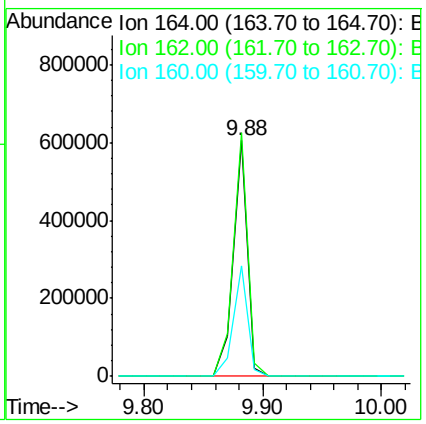


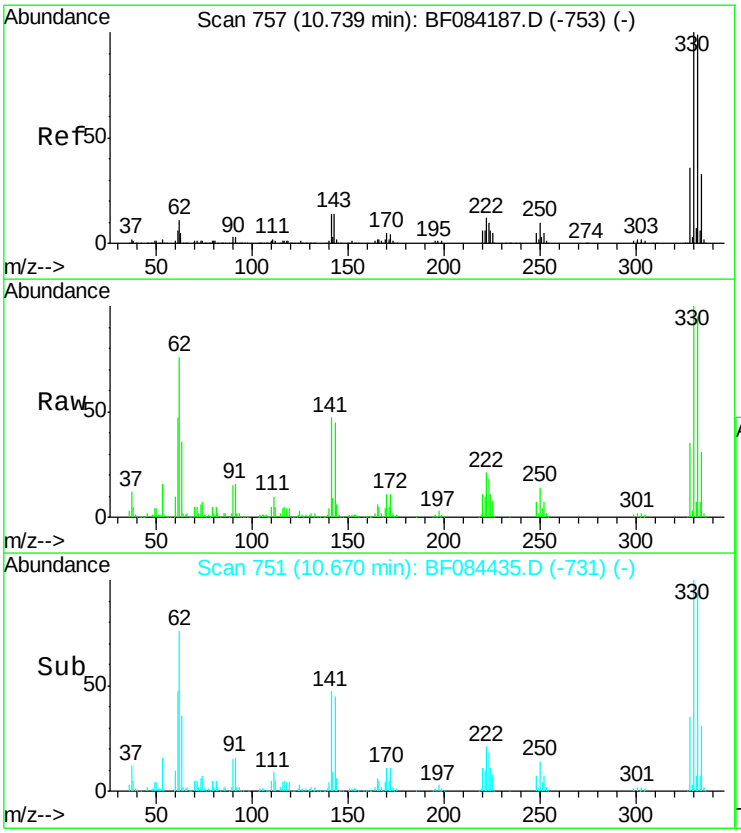
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion:164 Resp: 502297

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.1	127.7
160	46.9	37.5	56.3

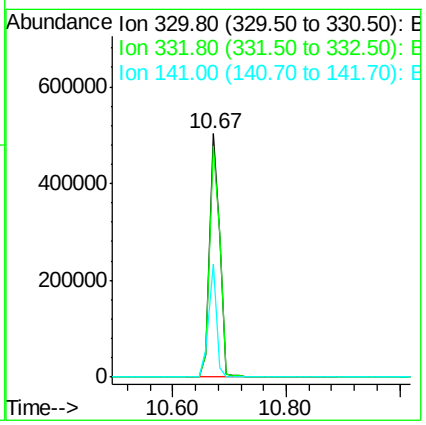


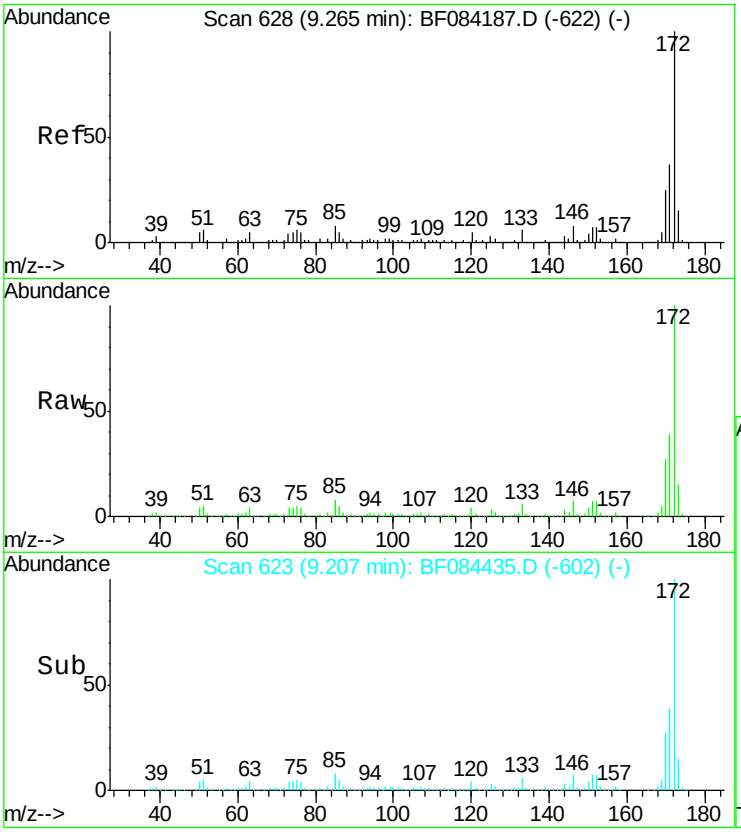


#41
2,4,6-Tribromophenol
Concen: 117.46 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.07 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion:330 Resp: 595637

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	36.4	27.8	41.6



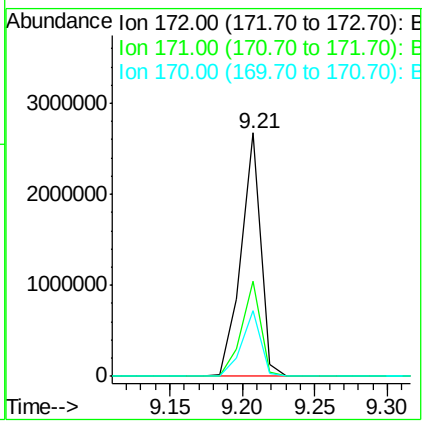


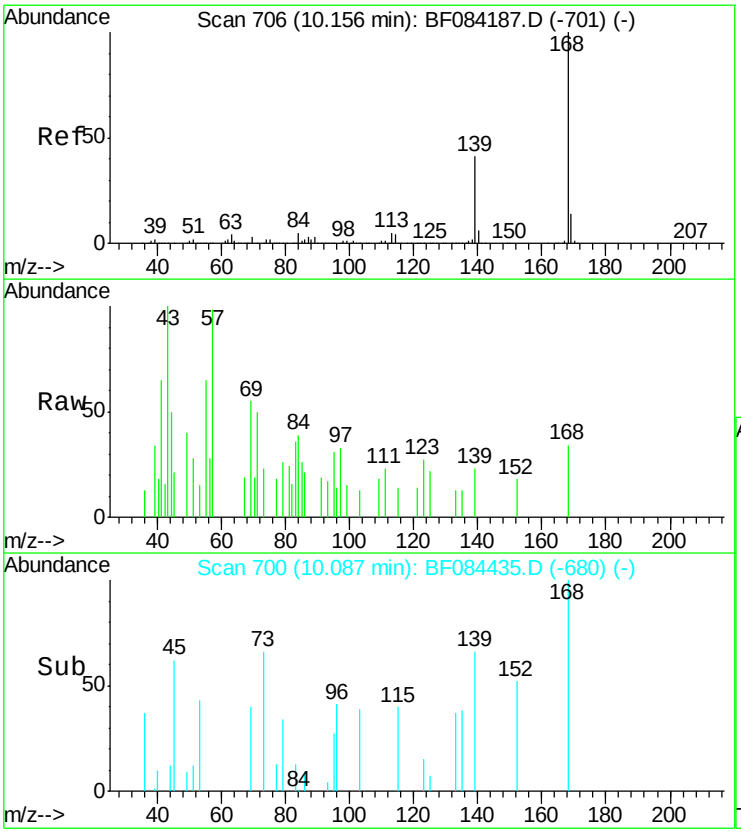
#44
2-Fluorobiphenyl
Concen: 88.96 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.06 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion:172 Resp: 2531801

Ion	Ratio	Lower	Upper
172	100		
171	39.0	28.9	43.3
170	26.7	18.6	27.8

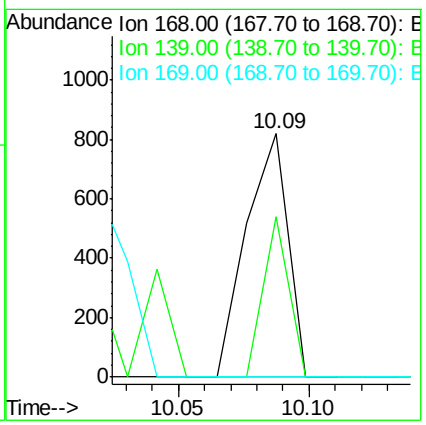


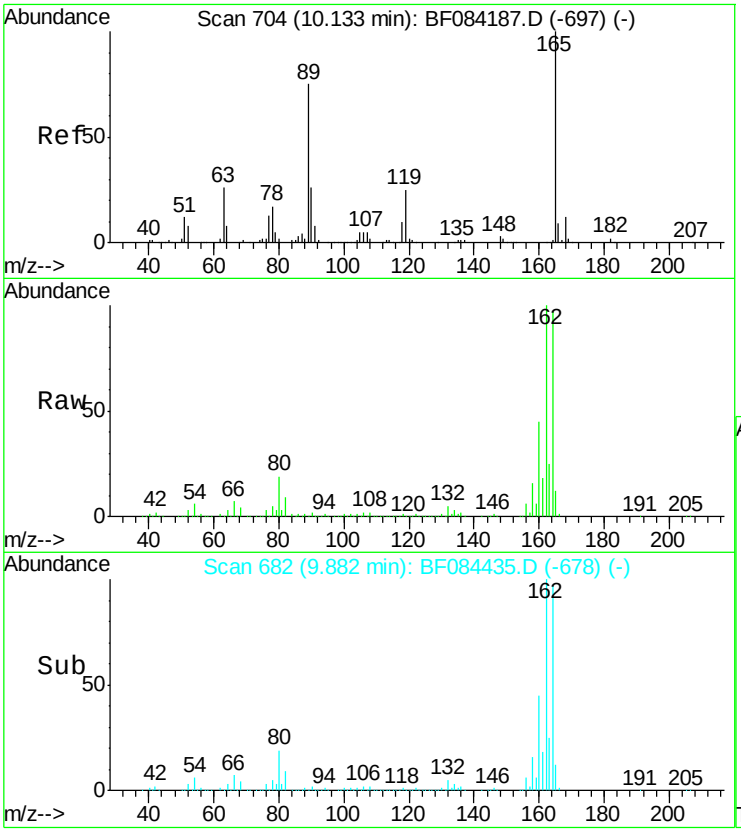


#54
Dibenzofuran
Concen: Below Cal
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion:168 Resp: 918

Ion	Ratio	Lower	Upper
168	100		
139	65.7	30.5	45.7#
169	0.0	10.4	15.6#



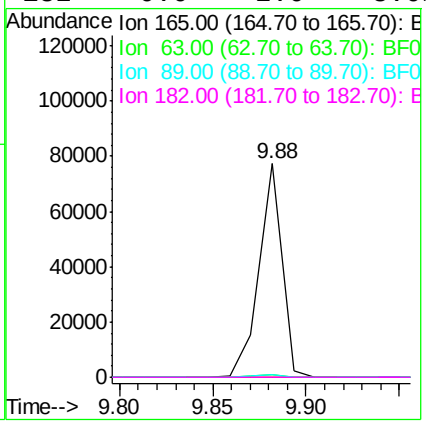


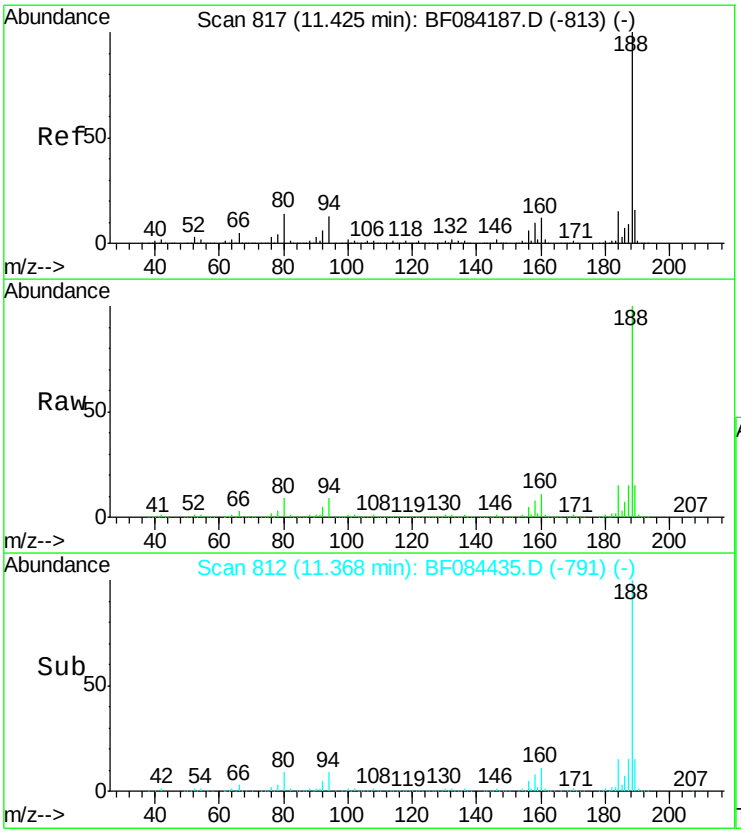
#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion:165 Resp: 65276

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#

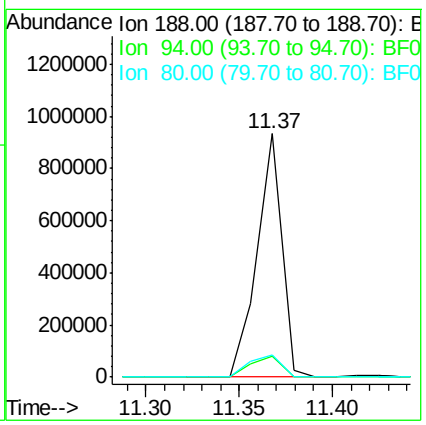


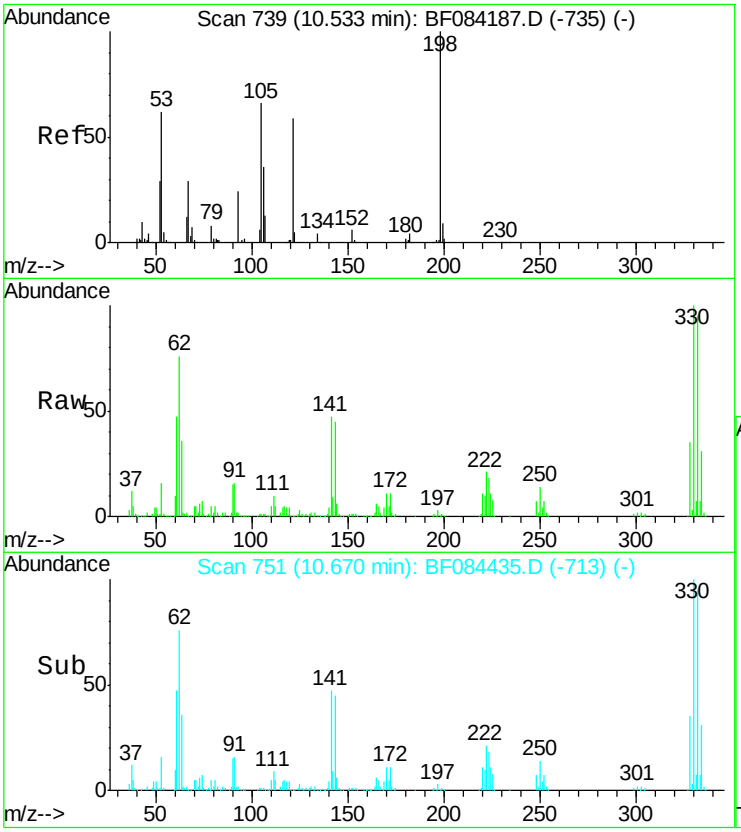


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion:188 Resp: 853177

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.0	9.6	14.4#



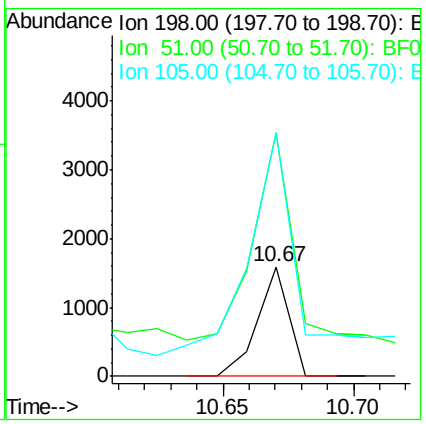


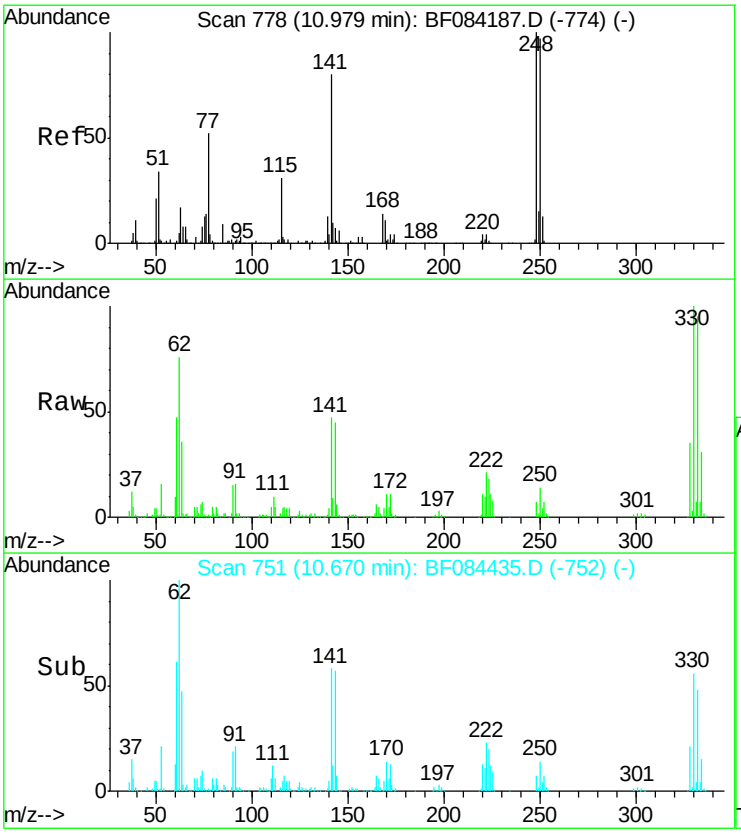
#64
4,6-Dinitro-2-methylphenol
Concen: 6.61 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.14 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion:198 Resp: 1336

Ion	Ratio	Lower	Upper
198	100		
51	222.0	18.9	58.9#
105	221.9	26.4	66.4#

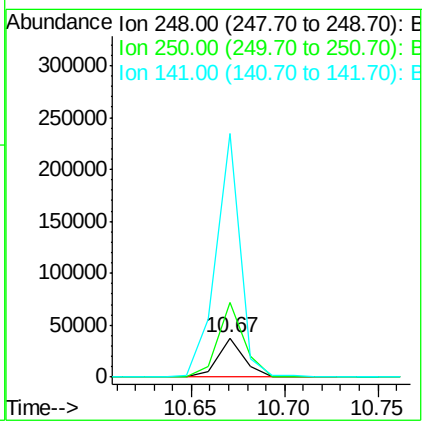


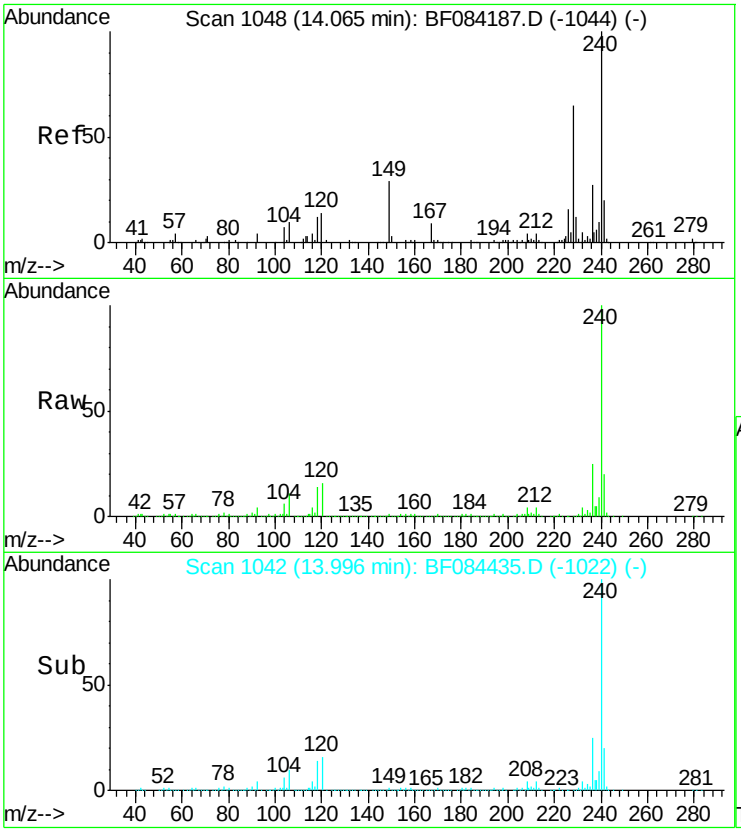


#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.31 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion:248 Resp: 37191

Ion	Ratio	Lower	Upper
248	100		
250	193.0	78.4	117.6#
141	626.5	44.0	66.0#



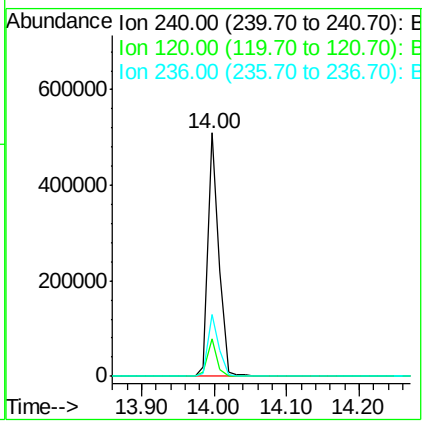


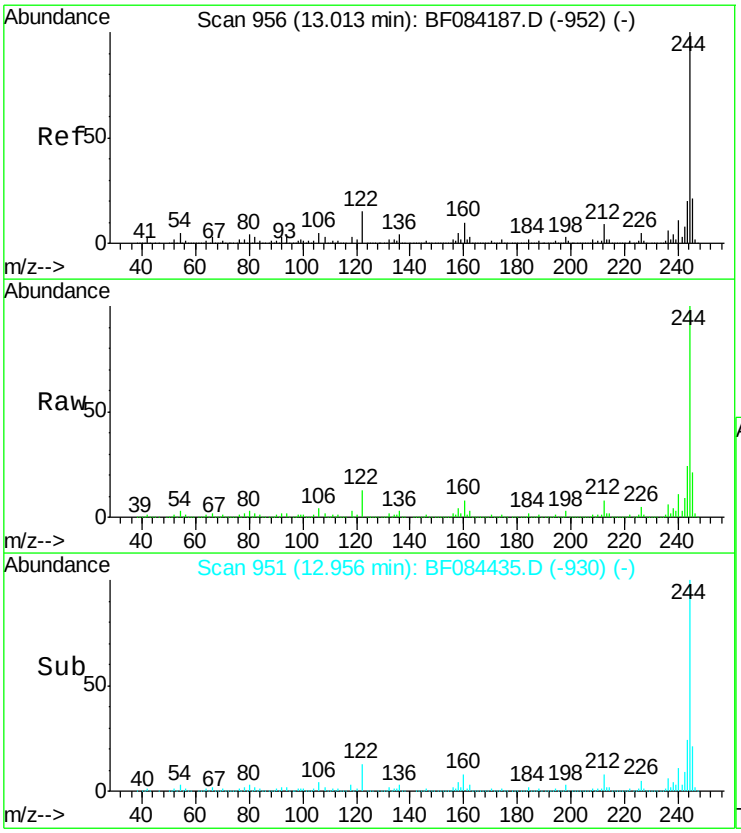
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion:240 Resp: 533013

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	25.3	20.6	31.0

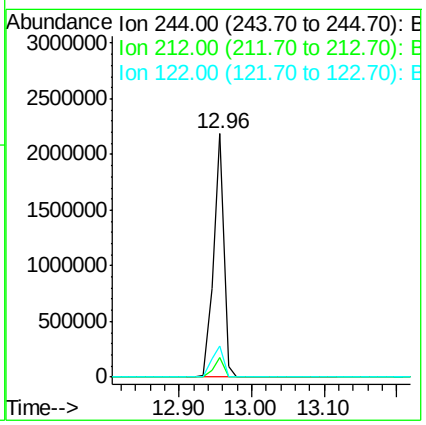


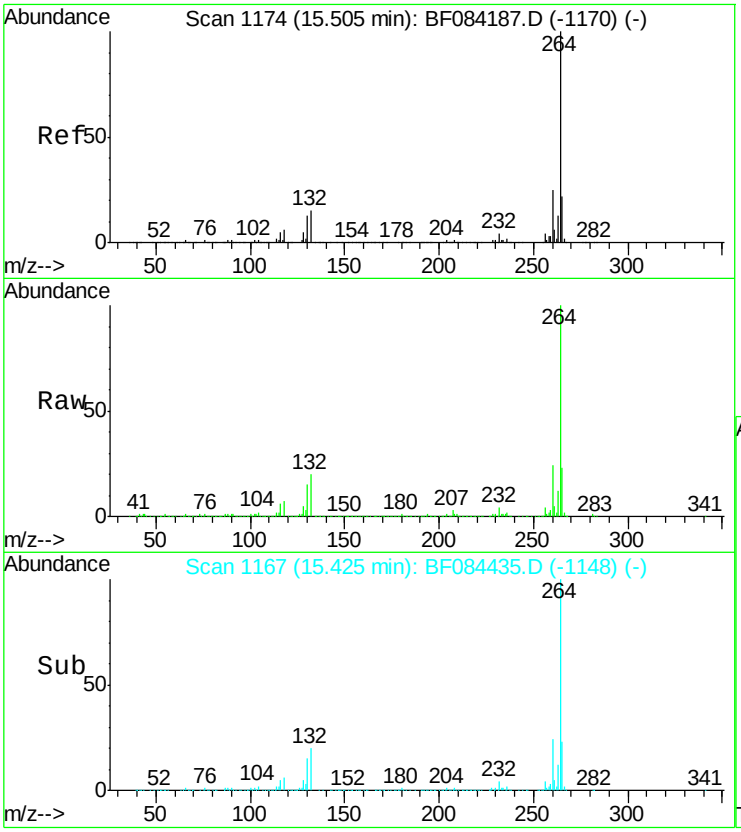


#78
Terphenyl-d14
Concen: 89.58 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Tgt Ion:244 Resp: 2138940

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	12.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion:264 Resp: 465465

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.8	17.8	26.6