Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
Data File : BF084297.D
Acq On : 6 Jan 2016 18:48
Operator : SJ/UM
Sample : H1017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Time: Jan 07 00:13:53 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	6.86	152	244574	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1042304	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	461923	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	841253	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	700929	20.00	ng	-0.03
86) Perylene-d12	15.46	264	526536	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	864374	57.16	ng	-0.02
7) Phenol-d6	6.50	99	641159	33.76	ng	-0.03
23) Nitrobenzene-d5	7.44	82	1576250	84.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	616925	132.29	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2115196	80.20	ng	-0.03
78) Terphenyl-d14	12.98	244	1779355	56.67	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	224198	17.44	ng	# 72
32) Benzoic acid	7.86	122	872	6.32	ng	# 80
49) Dimethylphthalate	9.63	163	79636	2.41	ng	# 91
54) Dibenzofuran	10.10	168	740	Below Cal		# 1
57) Fluorene	10.44	166	940	Below Cal		# 56
60) 4-Chlorophenyl-phenylether	10.43	204	377	Below Cal		# 25
62) Azobenzene	10.59	77	183490	5.14	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.69	198	1581	6.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	37984	4.19	ng	# 1
73) Di-n-butylphthalate	11.96	149	5342	Below Cal		# 74

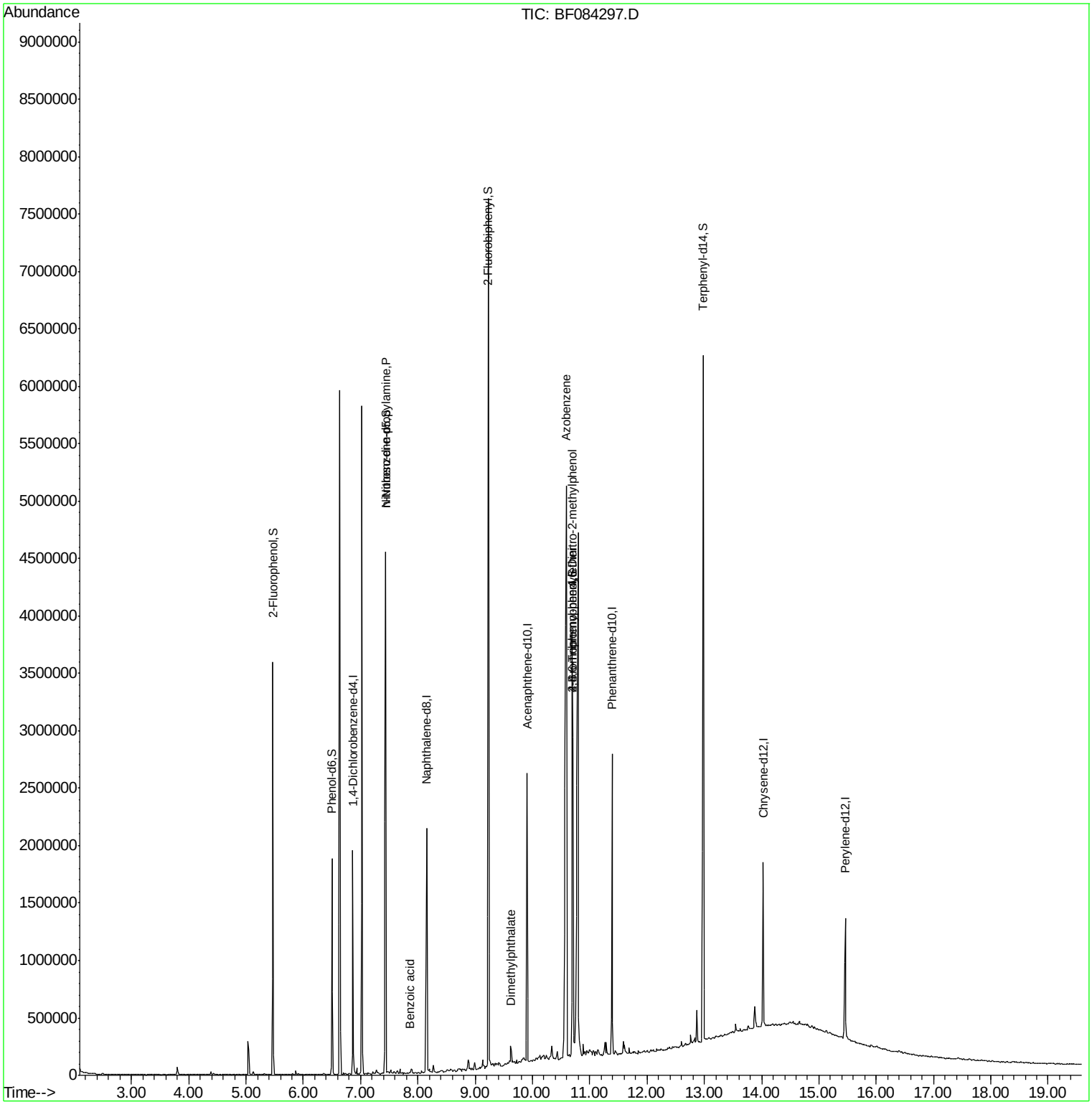
(#) = qualifier out of range (m) = manual integration (+) = signals summed

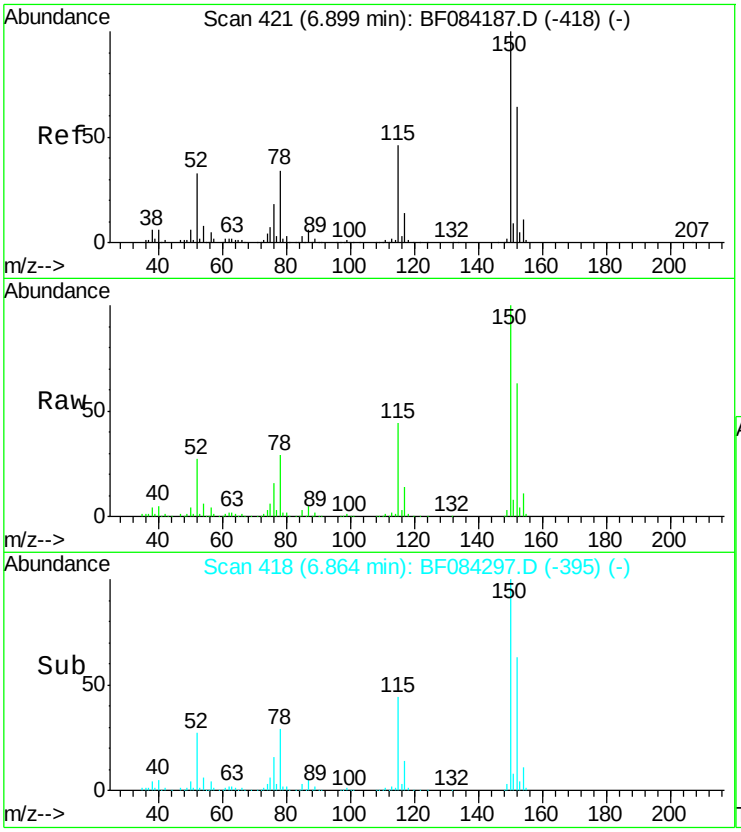
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
Data File : BF084297.D
Acq On : 6 Jan 2016 18:48
Operator : SJ/UM
Sample : H1017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Time: Jan 07 00:13:53 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



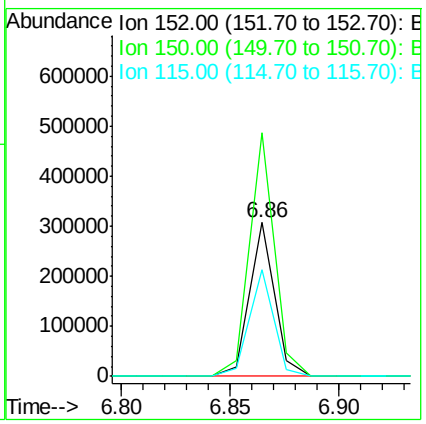


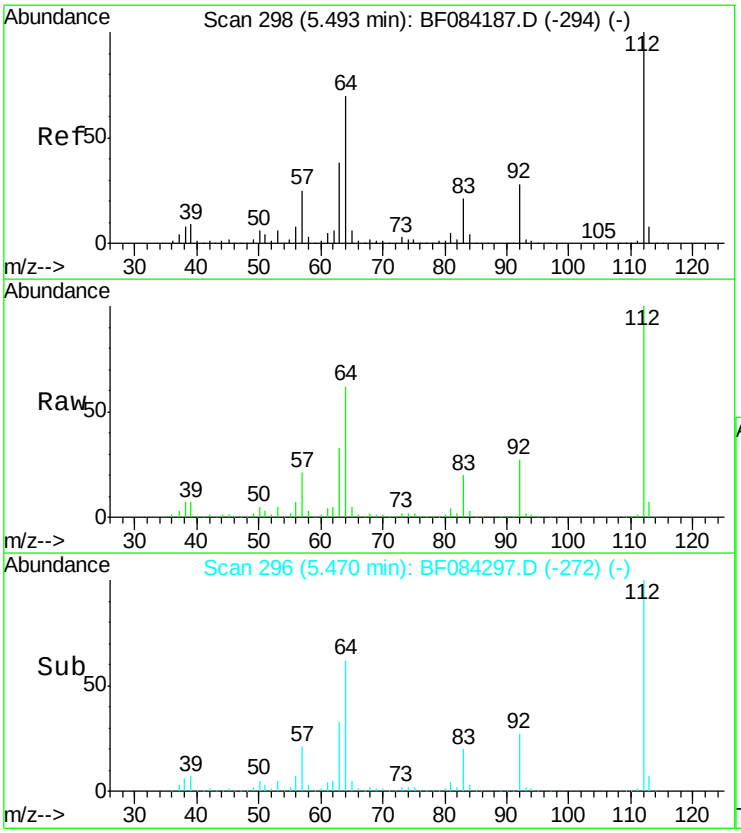
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:152 Resp: 244574

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.4
115	69.3	51.4	77.2

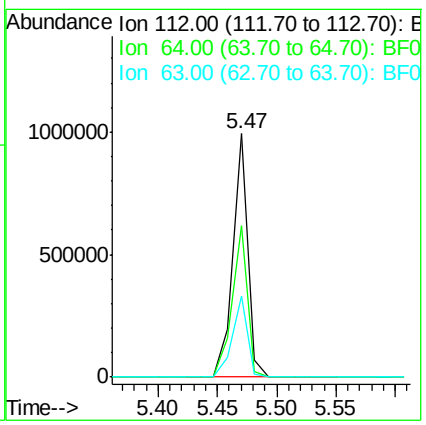


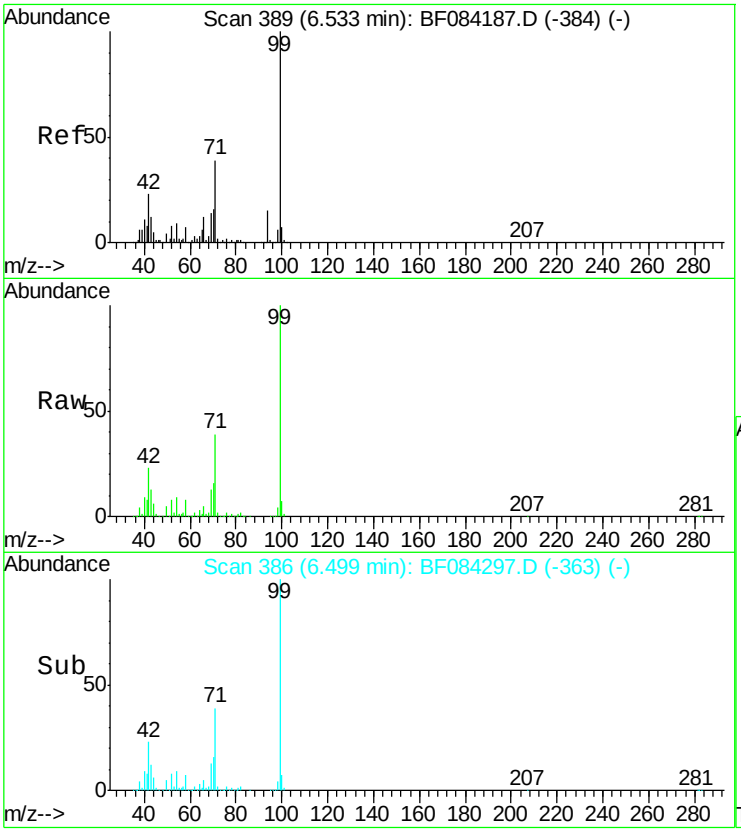


#5
2-Fluorophenol
Concen: 57.16 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion:112 Resp: 864374

Ion	Ratio	Lower	Upper
112	100		
64	62.3	36.6	55.0#
63	33.0	19.4	29.0#



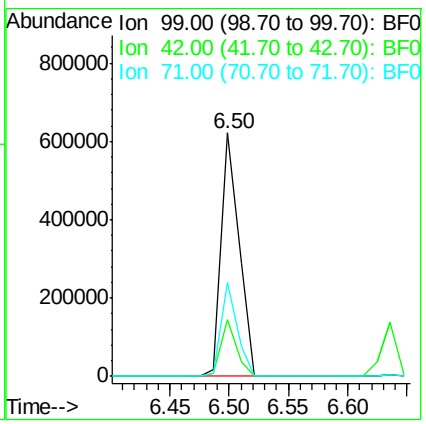


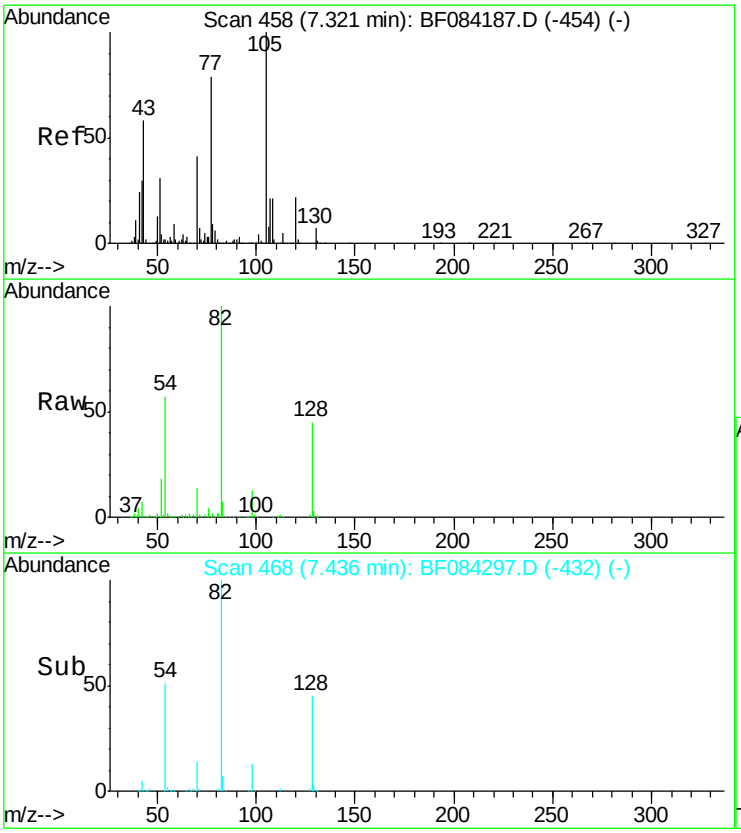
#7
Phenol-d6
Concen: 33.76 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.03 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 99 Resp: 641159

Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.8	19.2#
71	38.5	30.9	46.3

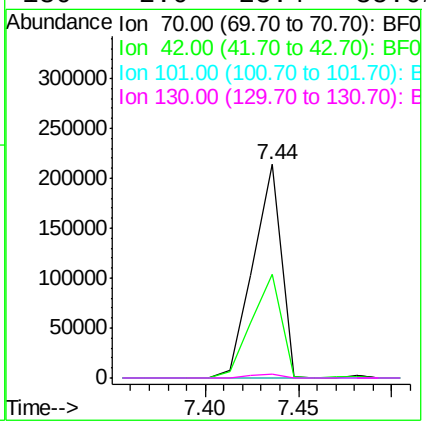


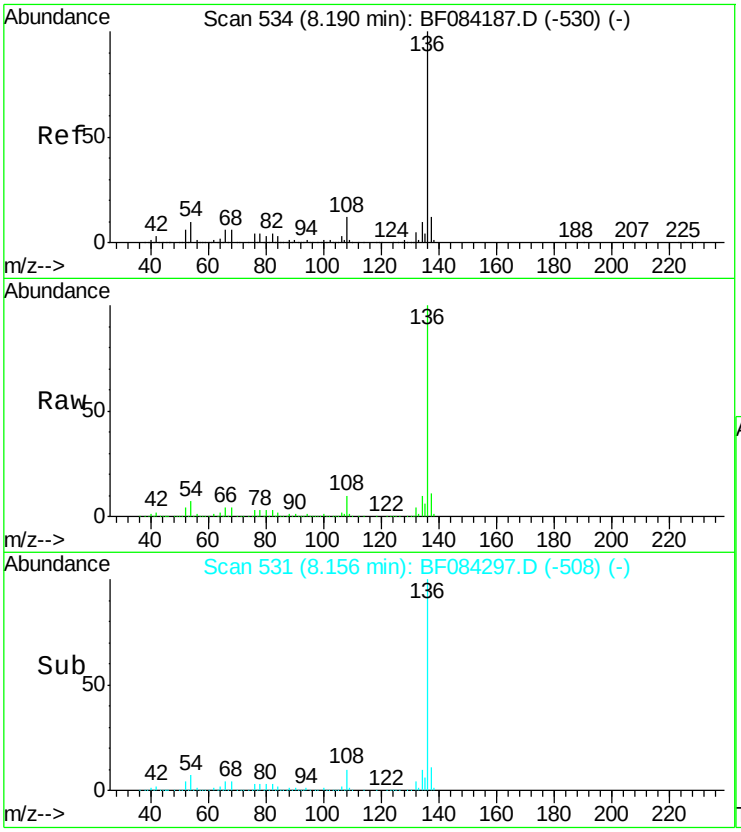


#19
n-Nitroso-di-n-propylamine
Concen: 17.44 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion: 70 Resp: 224198

Ion	Ratio	Lower	Upper
70	100		
42	48.6	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



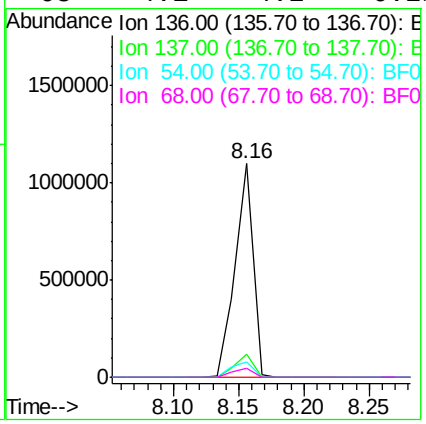


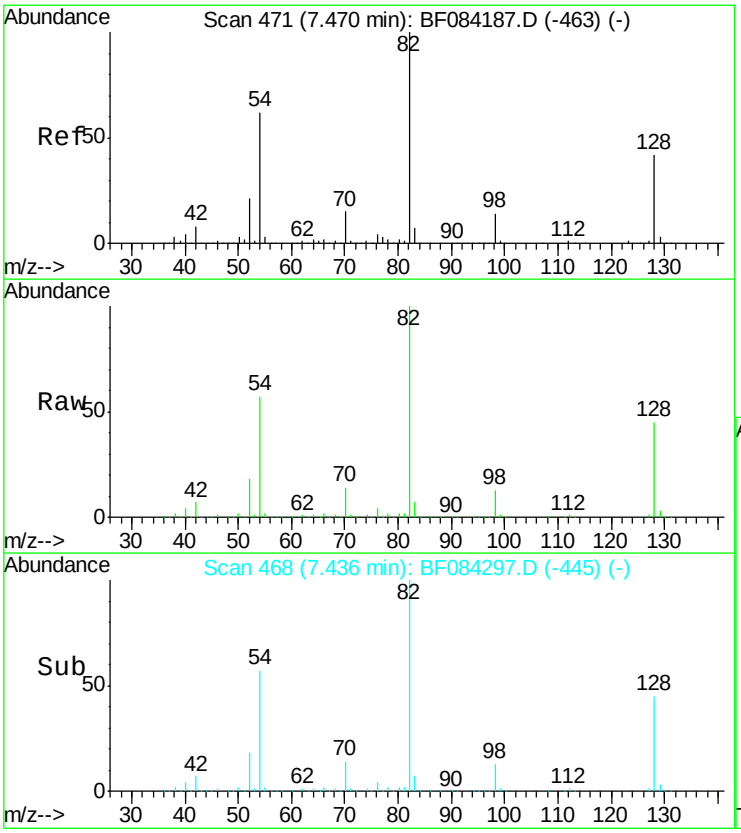
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:136 Resp: 1042304

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.2	5.8	8.8
68	4.1	4.2	6.2#

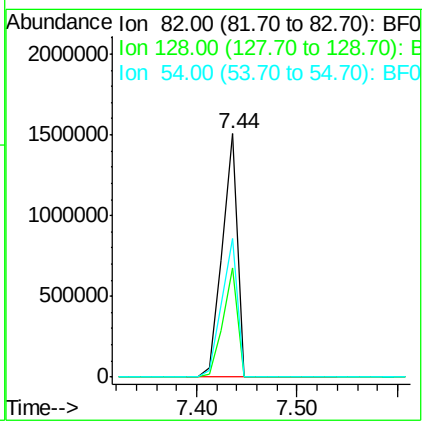


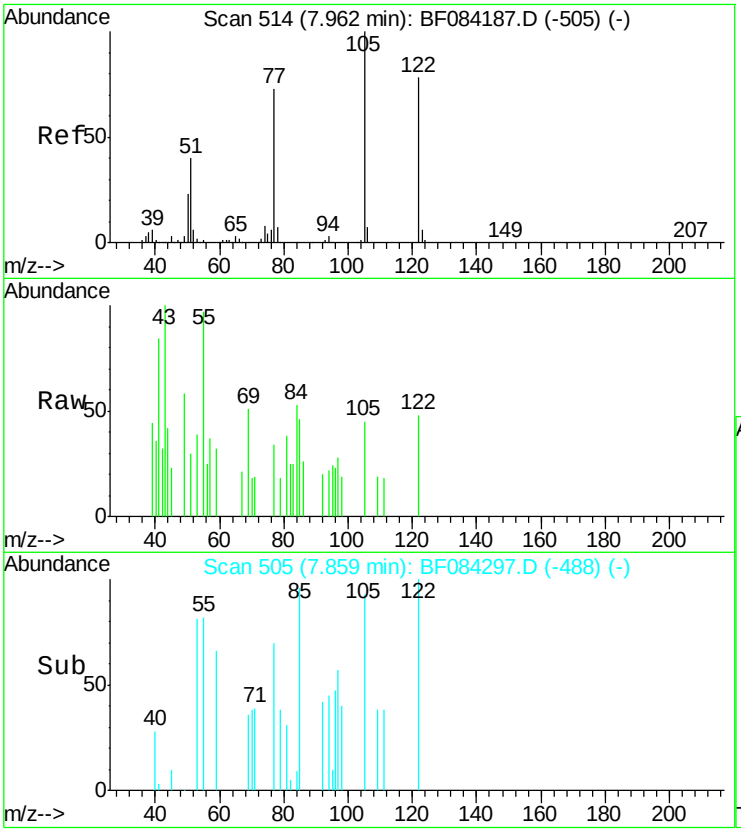


#23
Nitrobenzene-d5
Concen: 84.17 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion: 82 Resp: 1576250

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	56.8	38.4	57.6



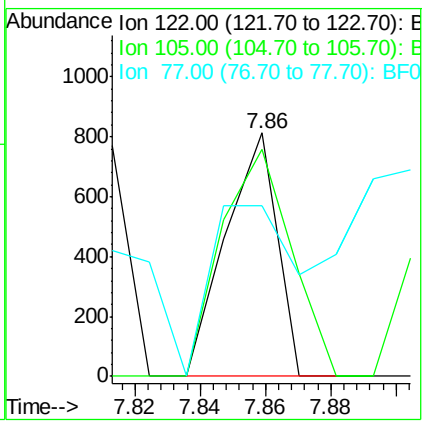


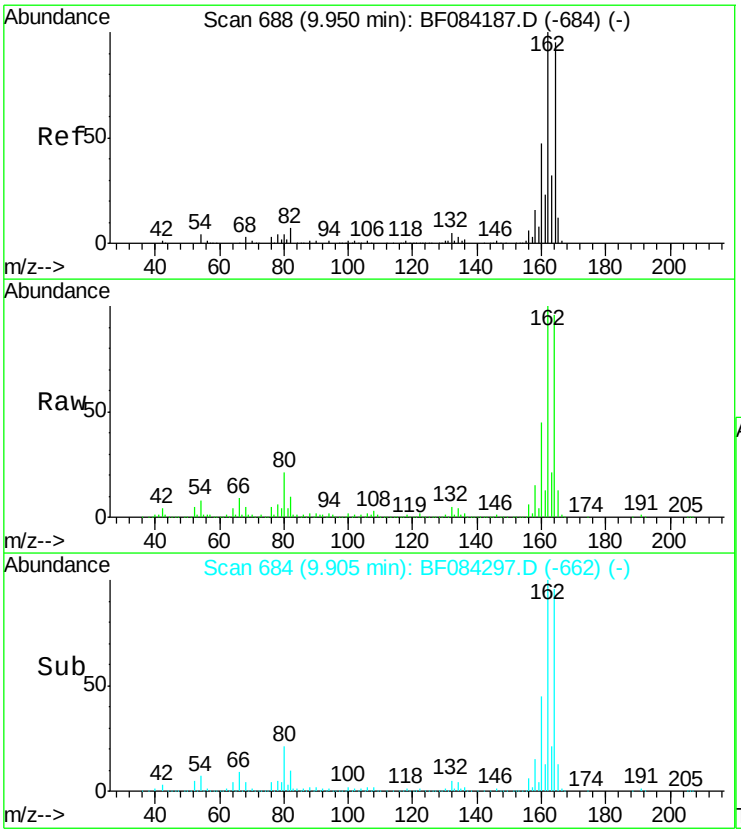
#32
Benzoic acid
Concen: 6.32 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.10 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:122 Resp: 872

Ion	Ratio	Lower	Upper
122	100		
105	93.4	100.3	140.3#
77	70.0	63.5	103.5

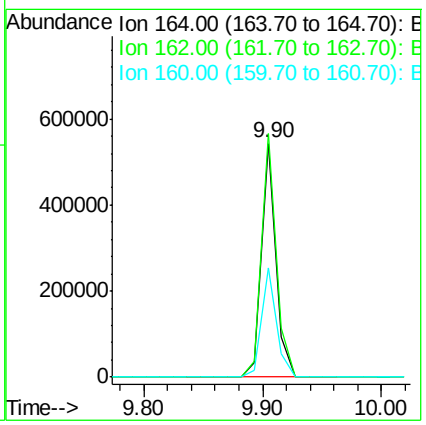


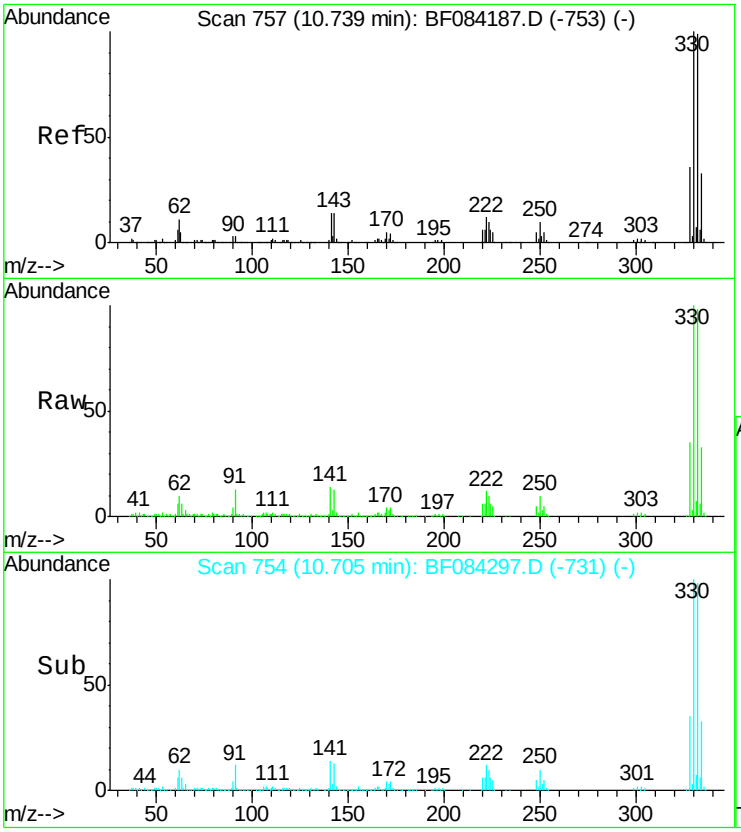


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion:164 Resp: 461923

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.1	127.7
160	47.0	37.5	56.3



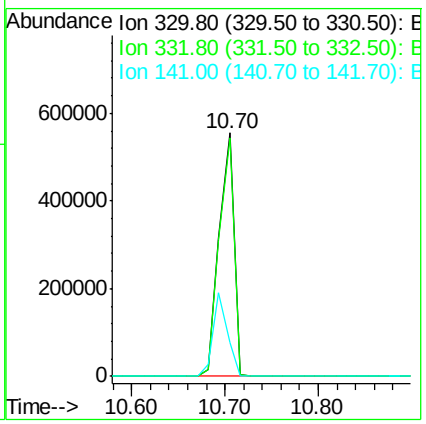


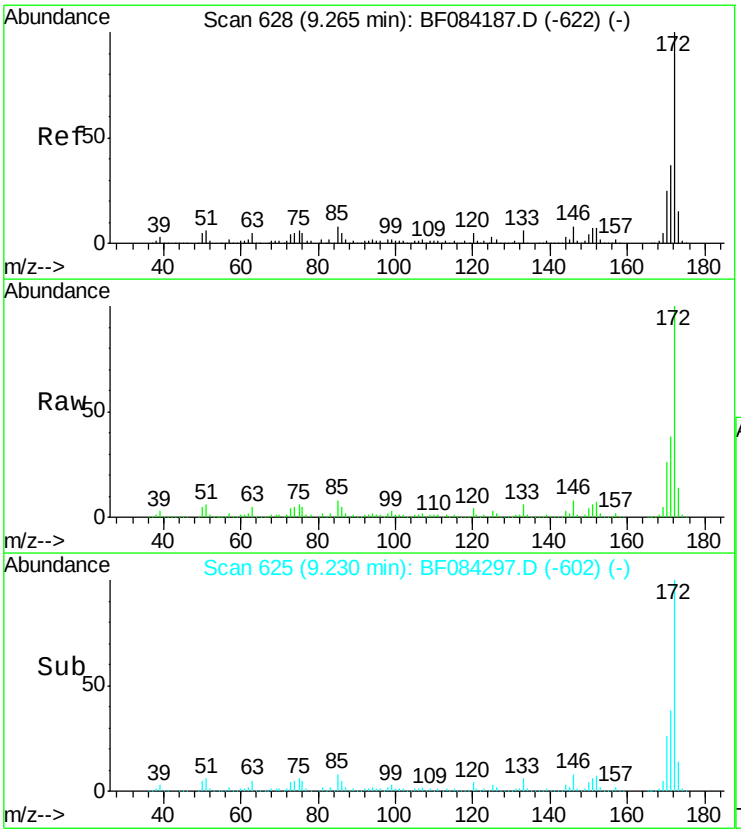
#41
2,4,6-Tribromophenol
Concen: 132.29 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.03 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:330 Resp: 616925

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	32.6	27.8	41.6

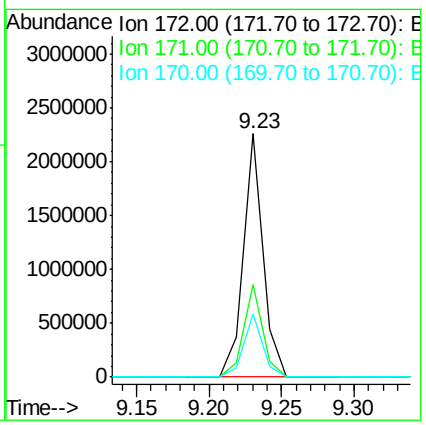


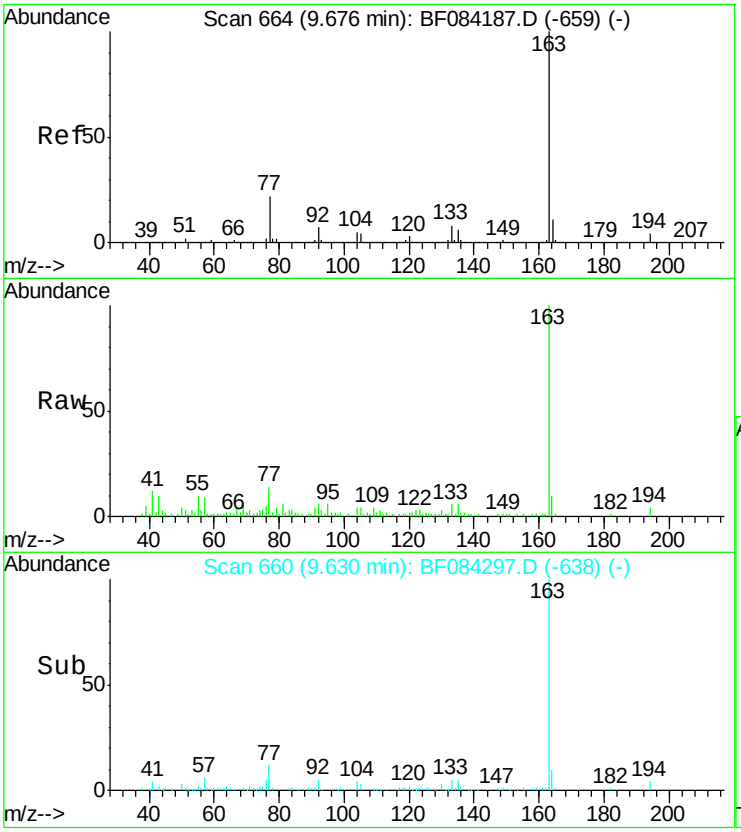


#44
2-Fluorobiphenyl
Concen: 80.20 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion:172 Resp: 2115196

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	25.9	18.6	27.8



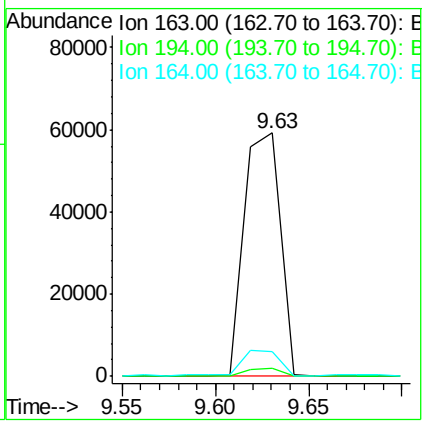


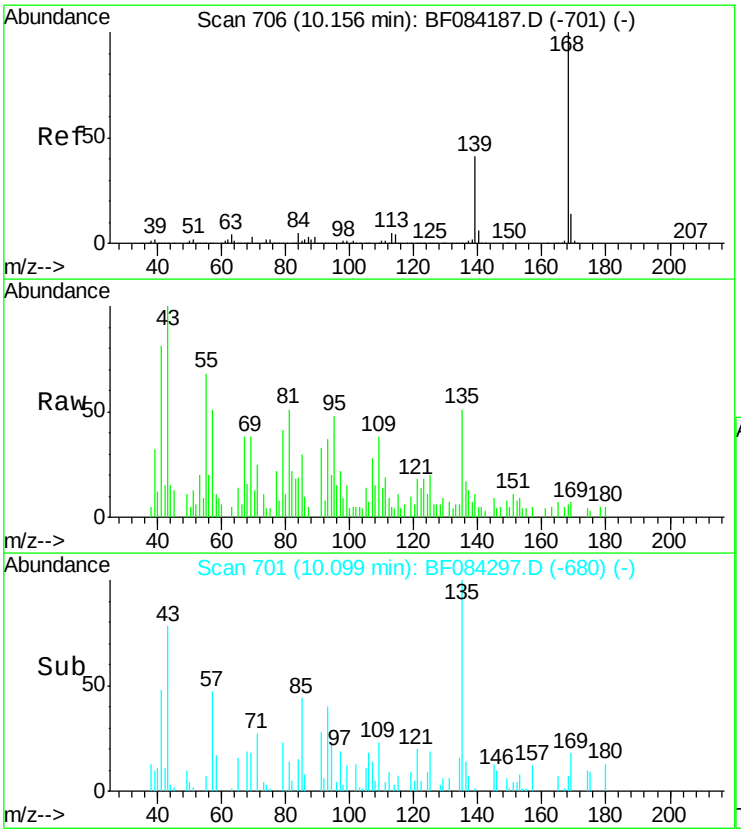
#49
Dimethylphthalate
Concen: 2.41 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:163 Resp: 79636

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	9.9	8.0	12.0

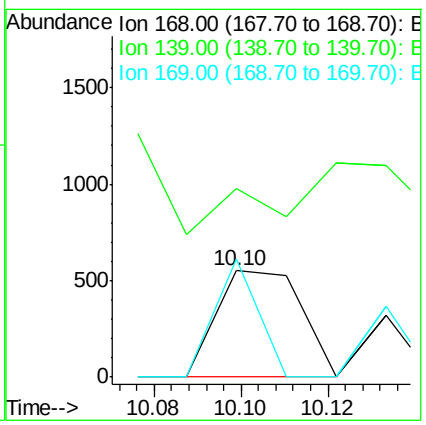


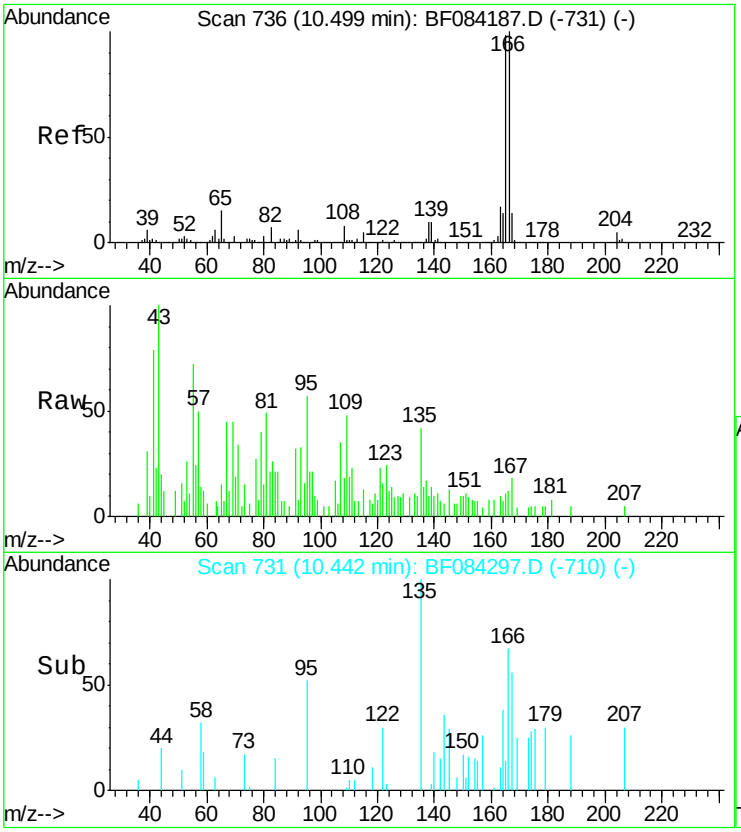


#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion:168 Resp: 740

Ion	Ratio	Lower	Upper
168	100		
139	177.3	30.5	45.7#
169	111.6	10.4	15.6#



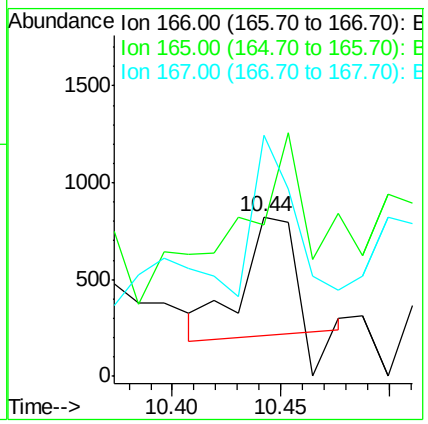


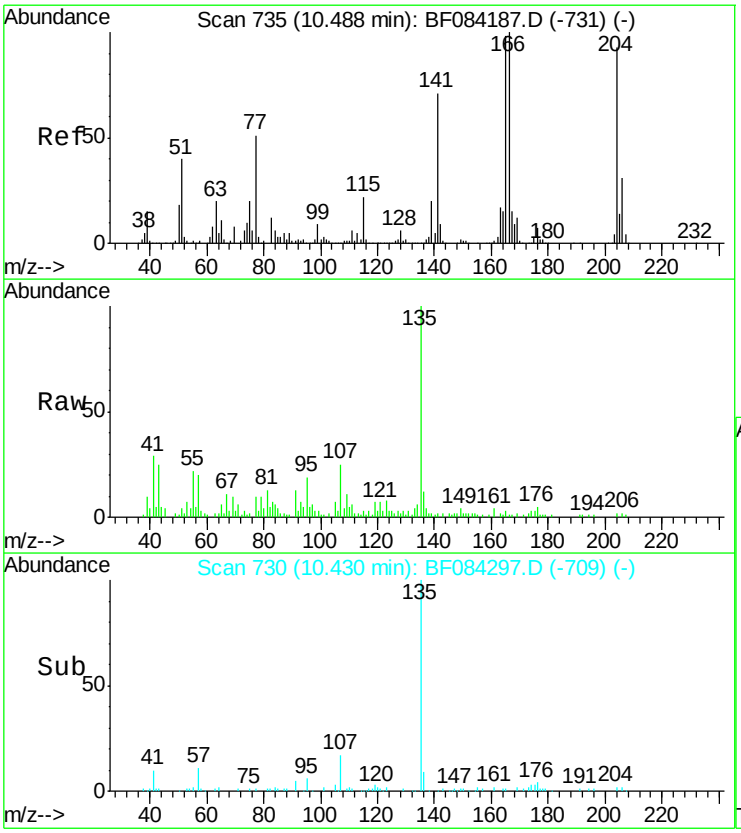
#57
Fluorene
Concen: Below Cal
RT: 10.44 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:166 Resp: 940

Ion	Ratio	Lower	Upper
166	100		
165	95.1	79.1	118.7
167	151.8	10.4	15.6#

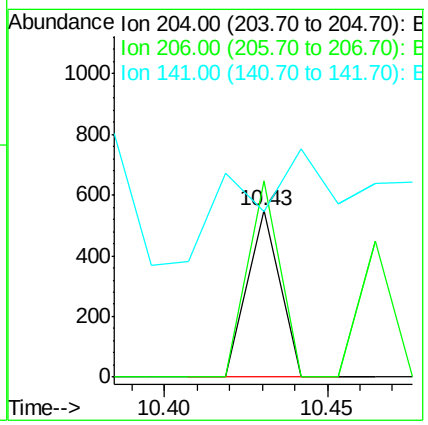


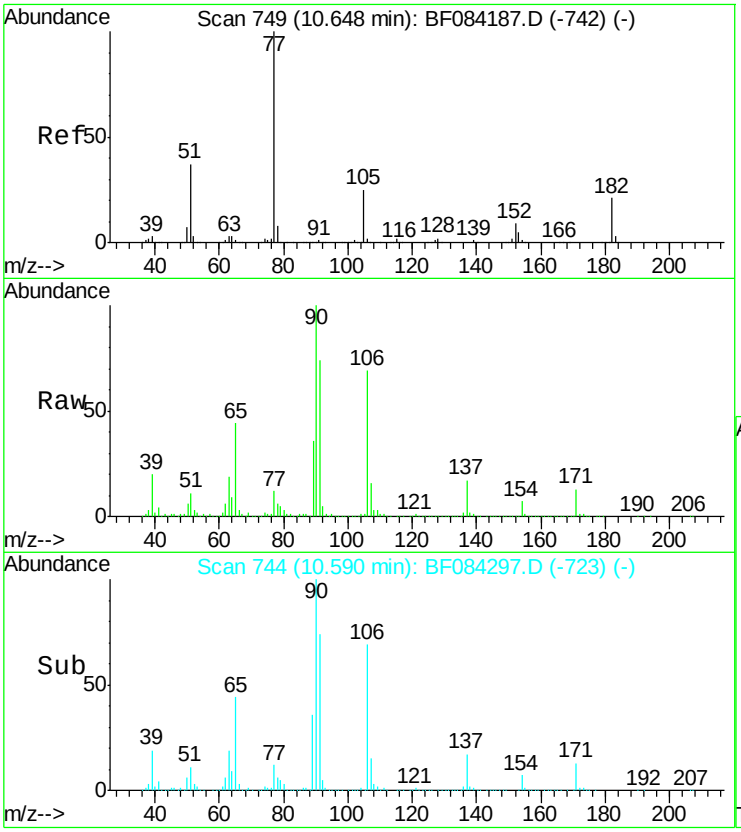


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion:204 Resp: 377

Ion	Ratio	Lower	Upper
204	100		
206	118.0	25.7	38.5#
141	99.6	55.1	82.7#



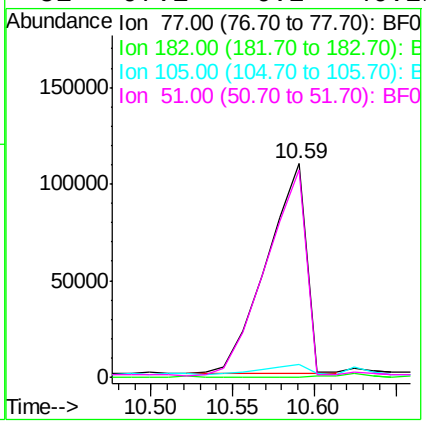


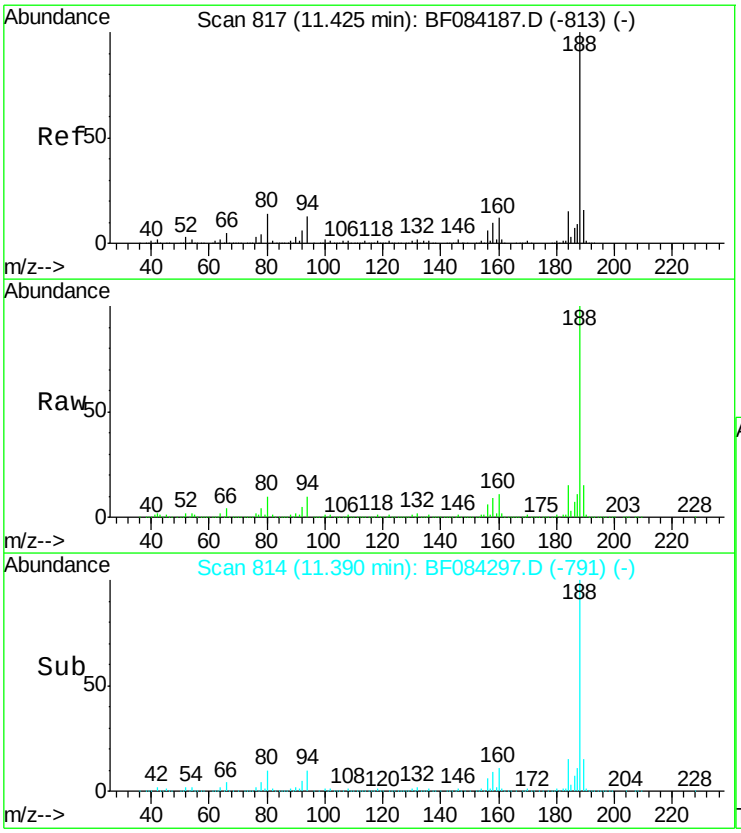
#62
Azobenzene
Concen: 5.14 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 77 Resp: 183490

Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.3	48.3#
105	6.1	4.6	44.6
51	97.1	6.2	46.2#

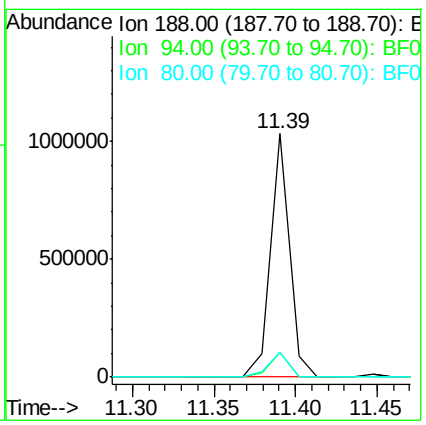


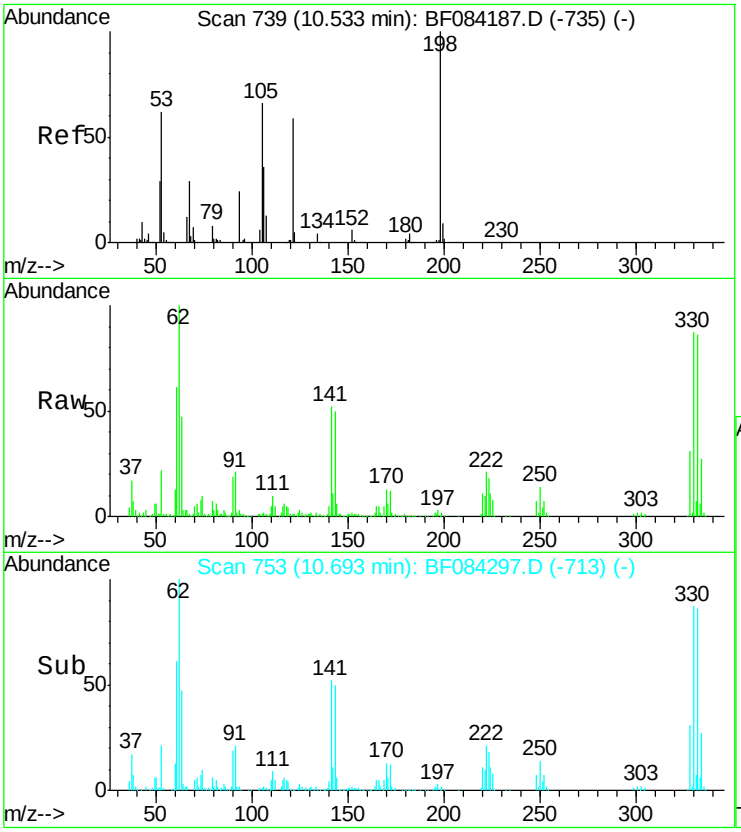


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion:188 Resp: 841253

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.3	9.6	14.4



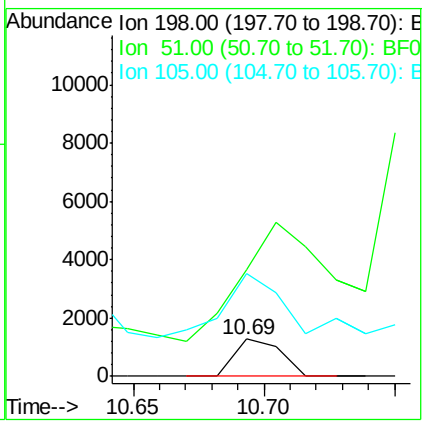


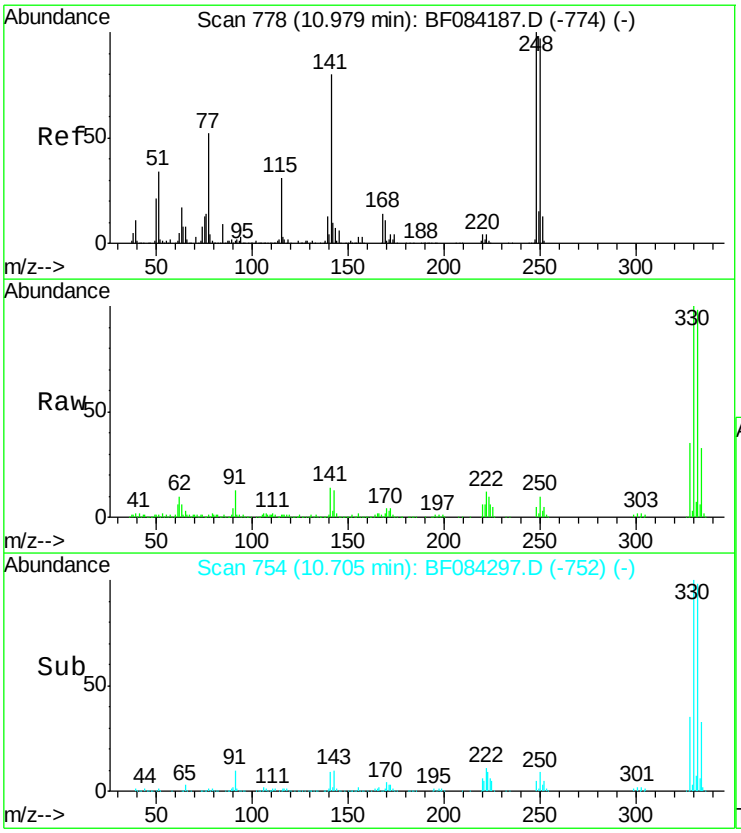
#64
4,6-Dinitro-2-methylphenol
Concen: 6.65 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:198 Resp: 1581

Ion	Ratio	Lower	Upper
198	100		
51	286.2	18.9	58.9#
105	277.7	26.4	66.4#

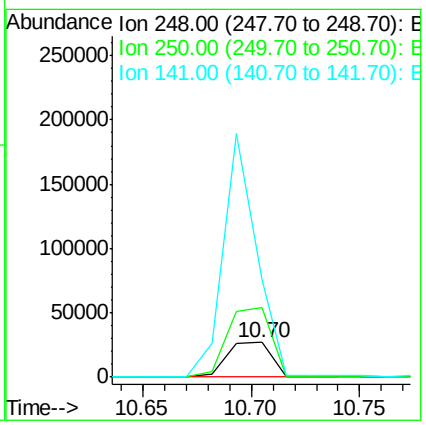


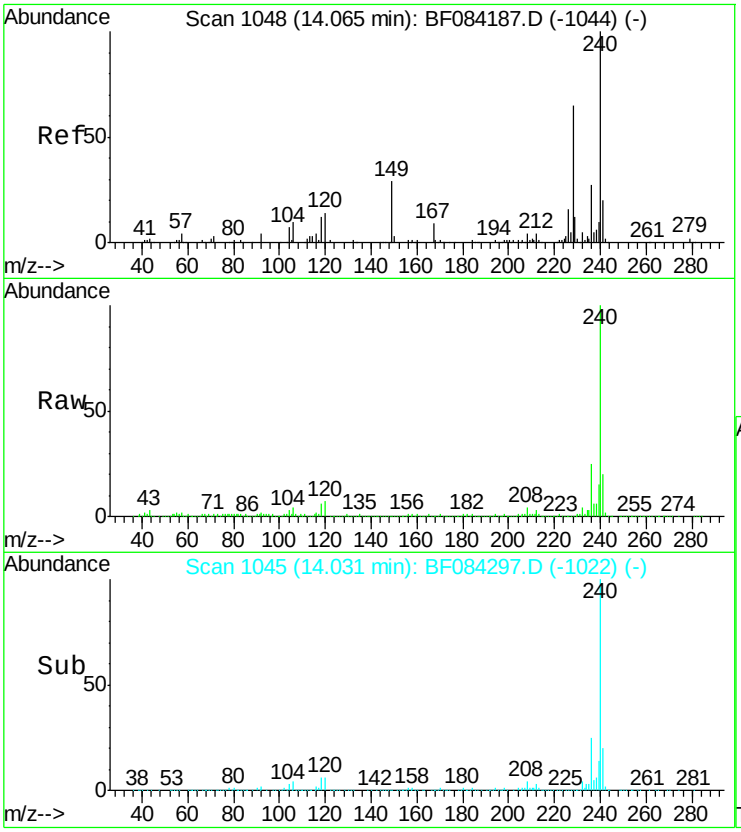


#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.27 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion:248 Resp: 37984

Ion	Ratio	Lower	Upper
248	100		
250	198.9	78.4	117.6#
141	281.0	44.0	66.0#



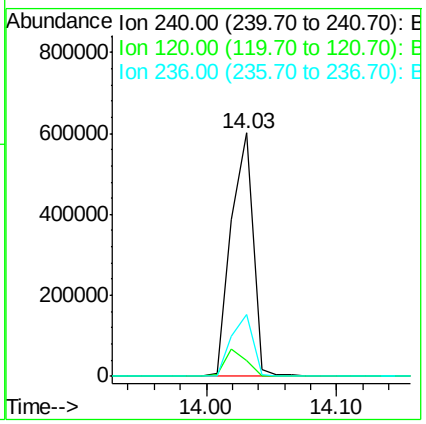


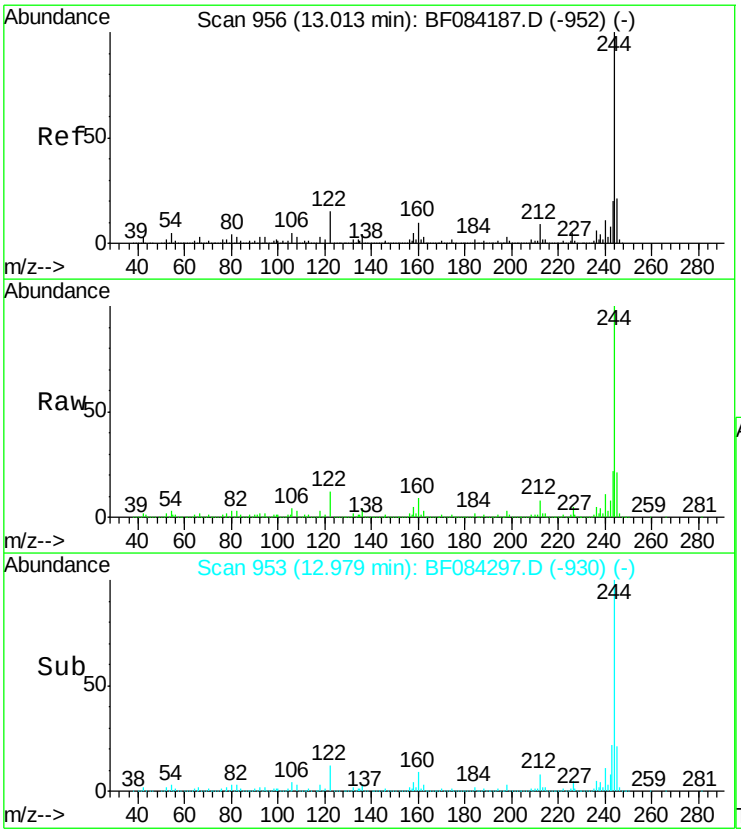
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:240 Resp: 700929

Ion	Ratio	Lower	Upper
240	100		
120	6.7	9.5	14.3#
236	25.4	20.6	31.0

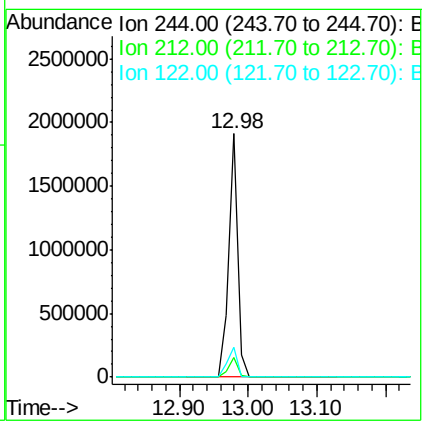


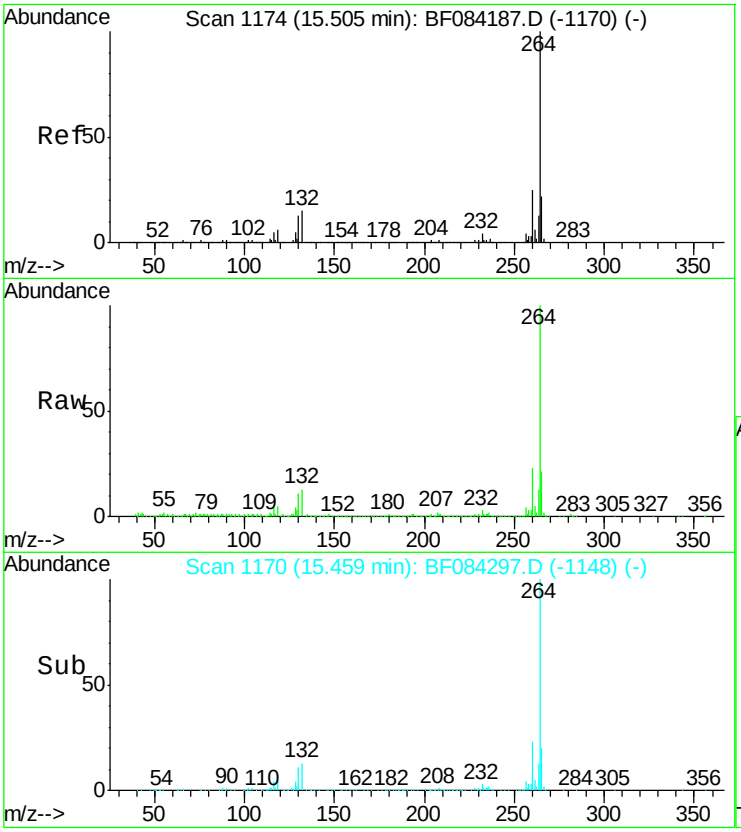


#78
Terphenyl-d14
Concen: 56.67 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Tgt Ion:244 Resp: 1779355

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	12.4	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF084297.D
Acq: 6 Jan 2016 18:48

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:264 Resp: 526536

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	20.6	17.8	26.6