Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
Data File : BF084299.D
Acq On : 6 Jan 2016 19:43
Operator : SJ/UM
Sample : H1017-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-20

Quant Time: Jan 07 00:14:45 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	267264	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1113647	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	500887	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	924094	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	774418	20.00	ng	-0.03
86) Perylene-d12	15.46	264	582436	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1051048	63.61	ng	-0.02
7) Phenol-d6	6.51	99	919220	44.29	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1756125	87.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	667258	131.95	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2502984	88.14	ng	-0.03
78) Terphenyl-d14	12.98	244	2233926	64.39	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	258526	18.40	ng	# 70
32) Benzoic acid	7.81	122	450	6.28	ng	# 29
50) 2,6-Dinitrotoluene	9.90	165	63681	8.11	ng	# 38
52) 3-Nitroaniline	9.61	138	19554	2.01	ng	# 1
54) Dibenzofuran	10.11	168	387	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.90	165	63684	6.41	ng	# 22
57) Fluorene	10.45	166	1441	Below Cal		# 74
64) 4,6-Dinitro-2-methylphenol	10.69	198	1499	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	39441	3.97	ng	# 1
73) Di-n-butylphthalate	11.96	149	4090	Below Cal		# 79

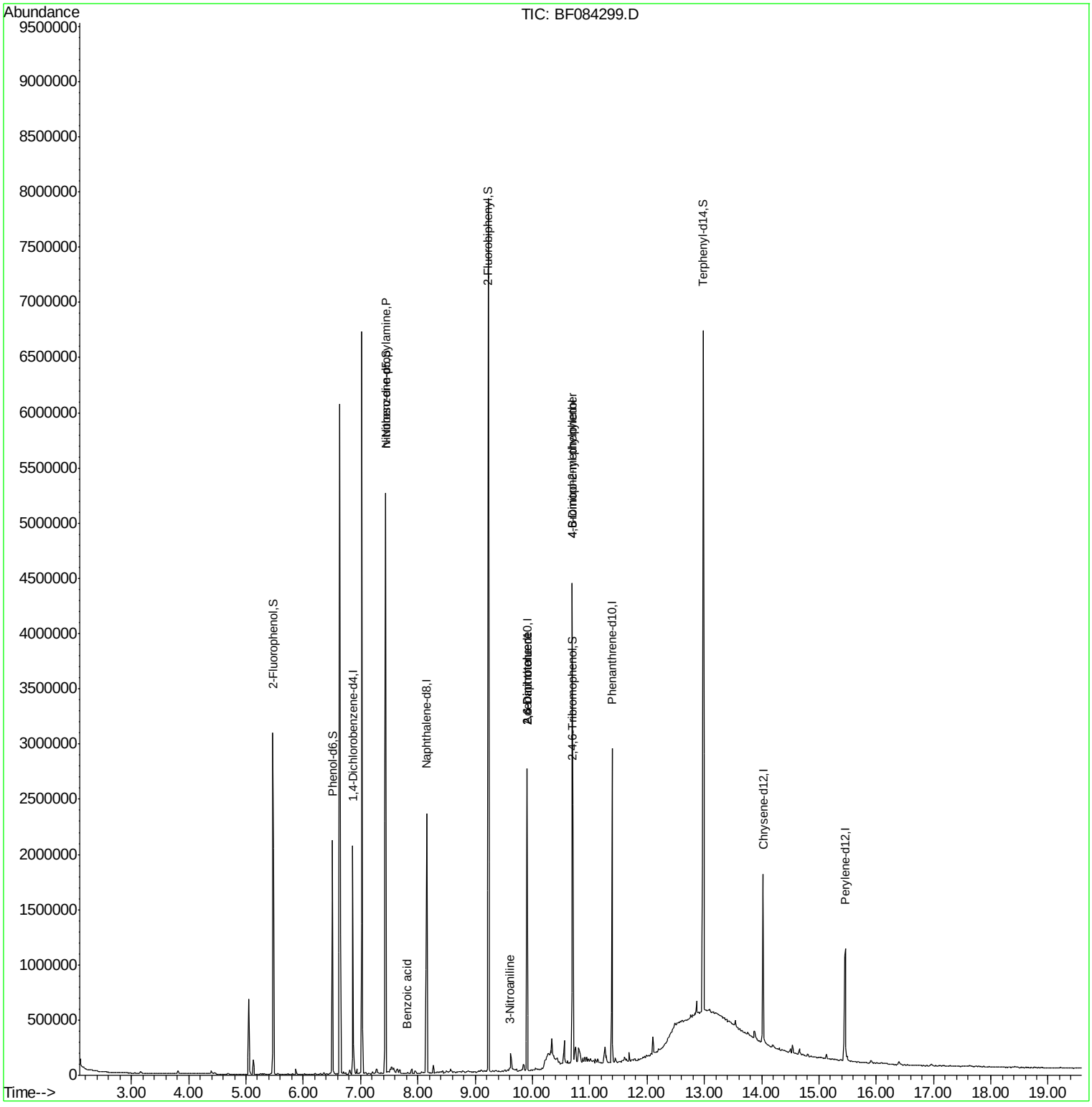
(#) = qualifier out of range (m) = manual integration (+) = signals summed

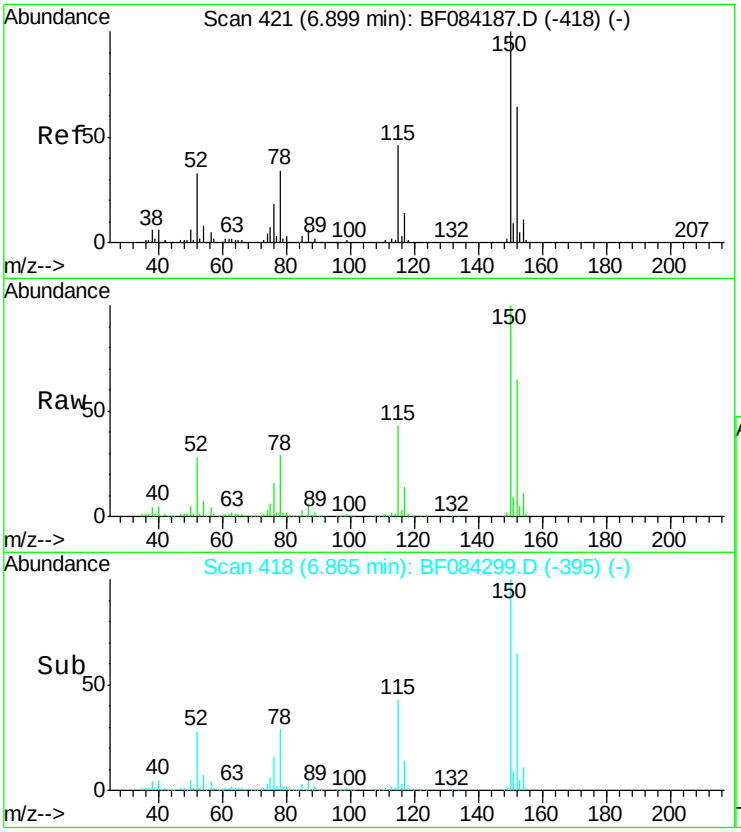
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
Data File : BF084299.D
Acq On : 6 Jan 2016 19:43
Operator : SJ/UM
Sample : H1017-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-20

Quant Time: Jan 07 00:14:45 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



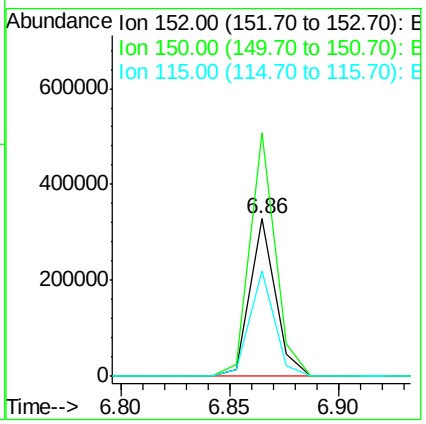


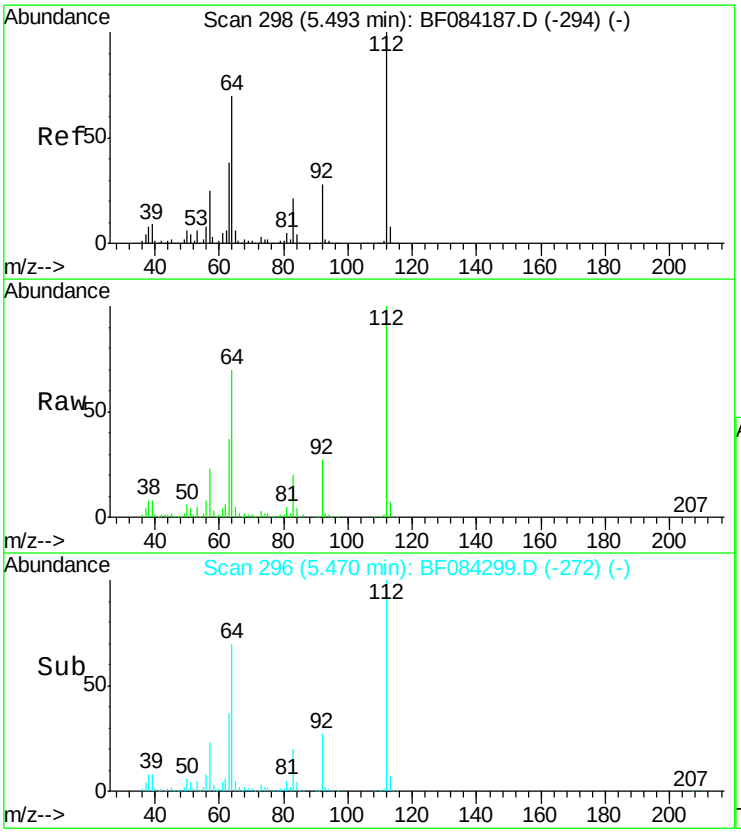
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:152 Resp: 267264

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.4
115	66.9	51.4	77.2

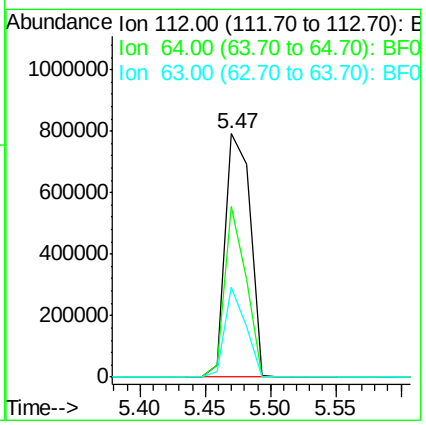


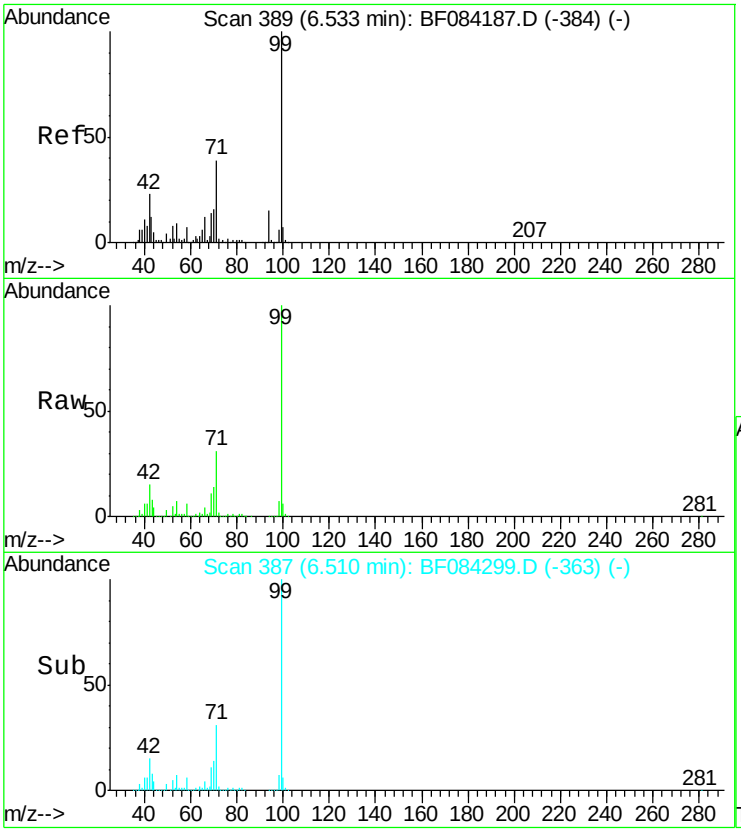


#5
2-Fluorophenol
Concen: 63.61 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion:112 Resp: 1051048

Ion	Ratio	Lower	Upper
112	100		
64	70.2	36.6	55.0#
63	36.7	19.4	29.0#



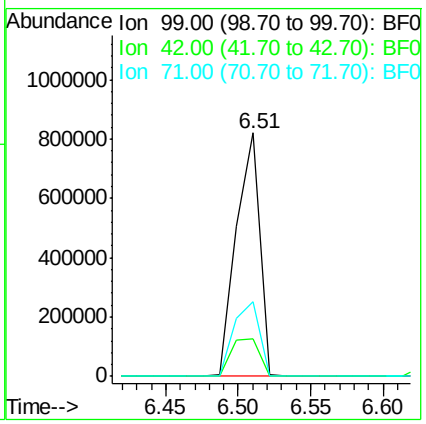


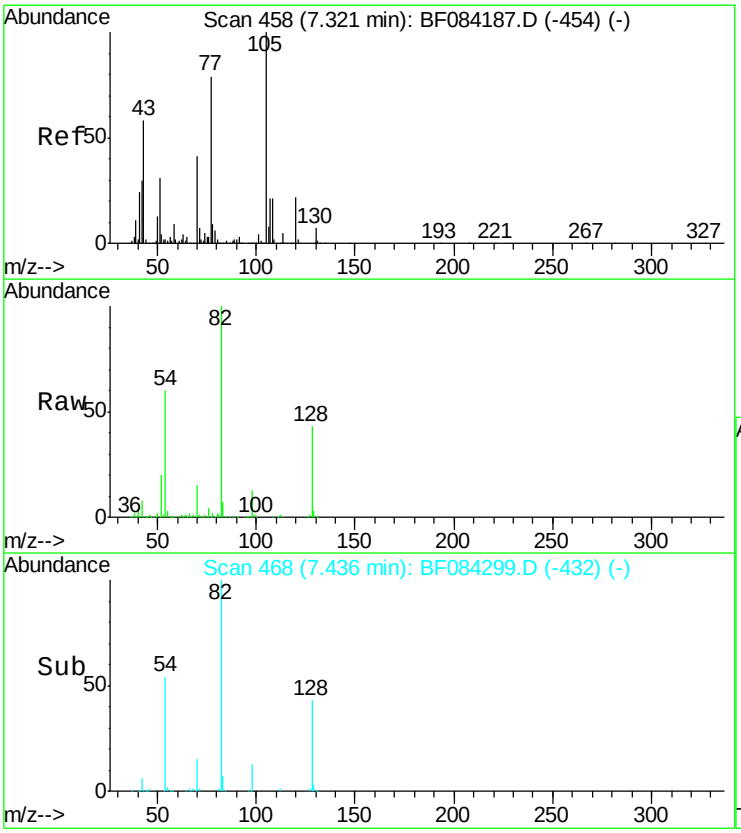
#7
Phenol-d6
Concen: 44.29 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion: 99 Resp: 919220

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.8	19.2
71	30.8	30.9	46.3#

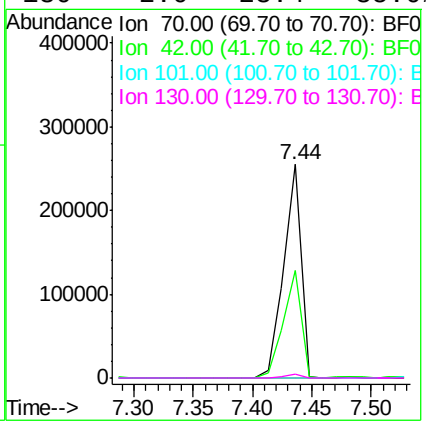


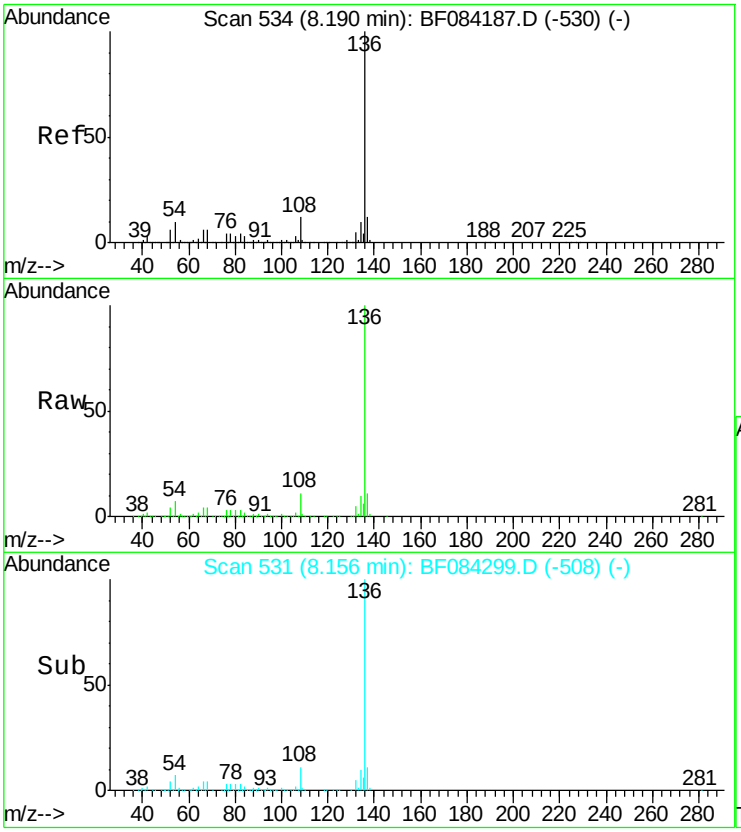


#19
n-Nitroso-di-n-propylamine
Concen: 18.40 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion: 70 Resp: 258526

Ion	Ratio	Lower	Upper
70	100		
42	50.6	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



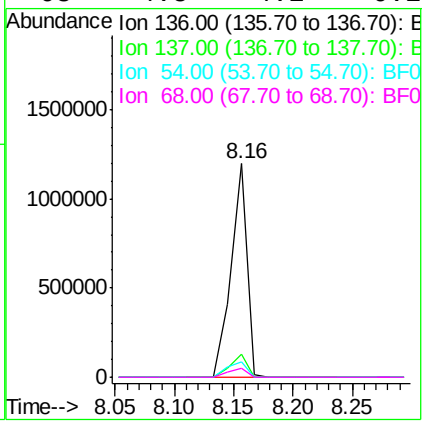


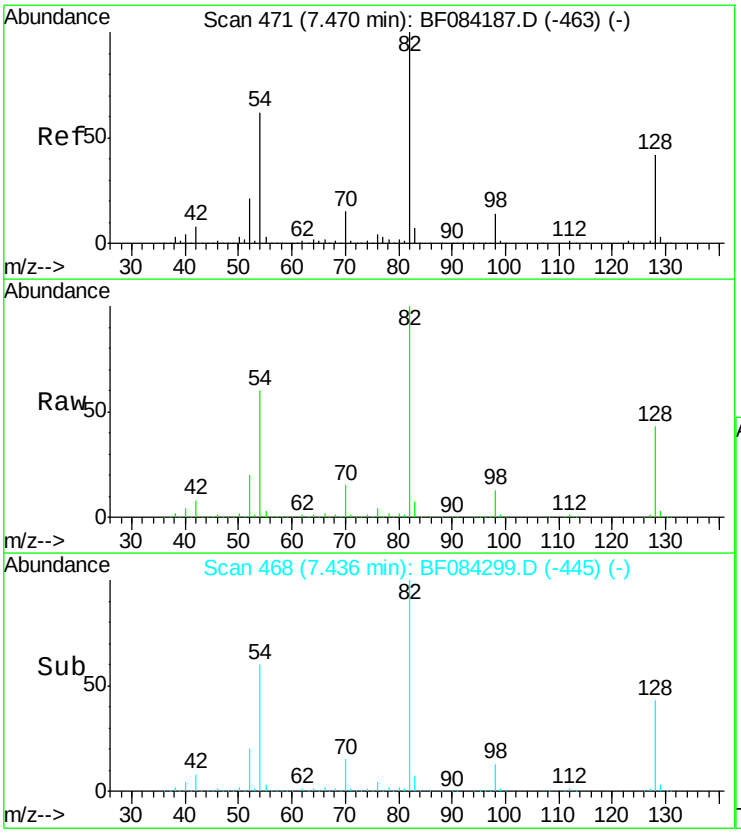
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:136 Resp: 1113647

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.8	8.8
68	4.5	4.2	6.2

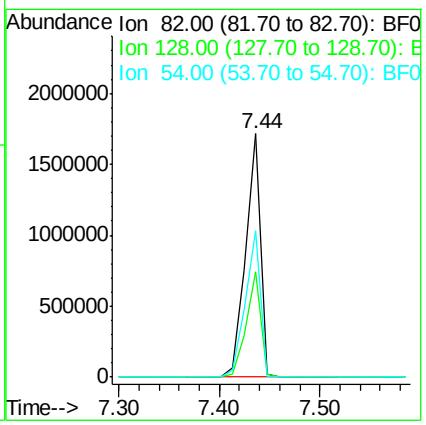


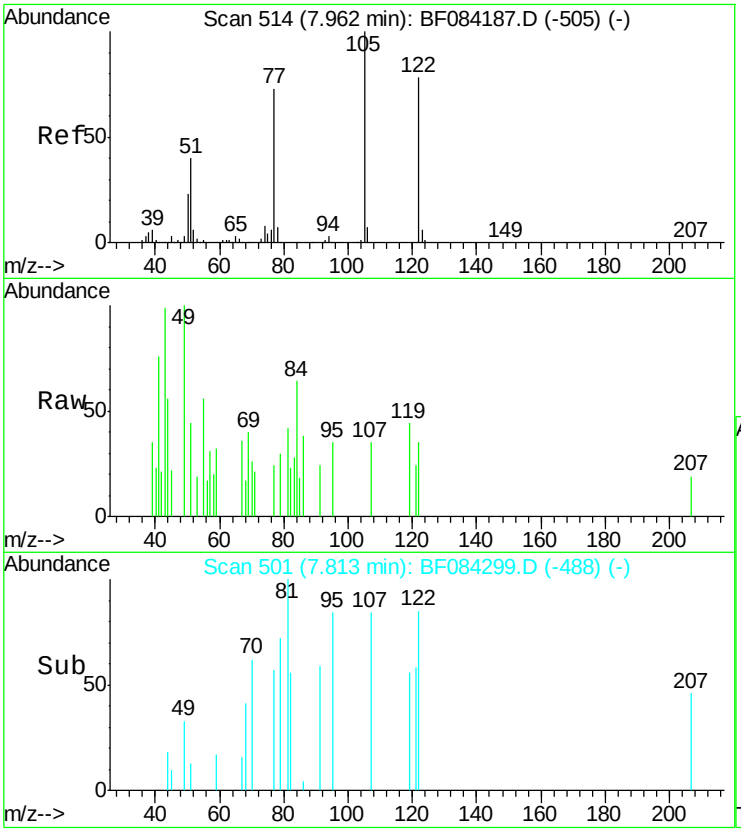


#23
Nitrobenzene-d5
Concen: 87.76 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion: 82 Resp: 1756125

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	60.0	38.4	57.6#



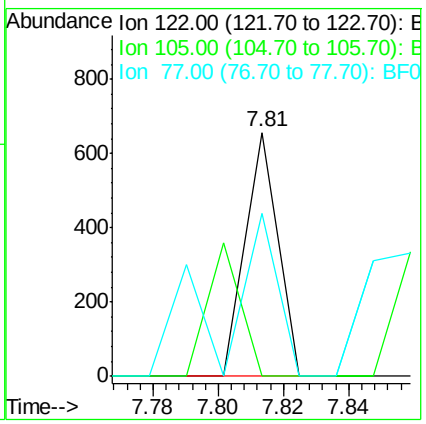


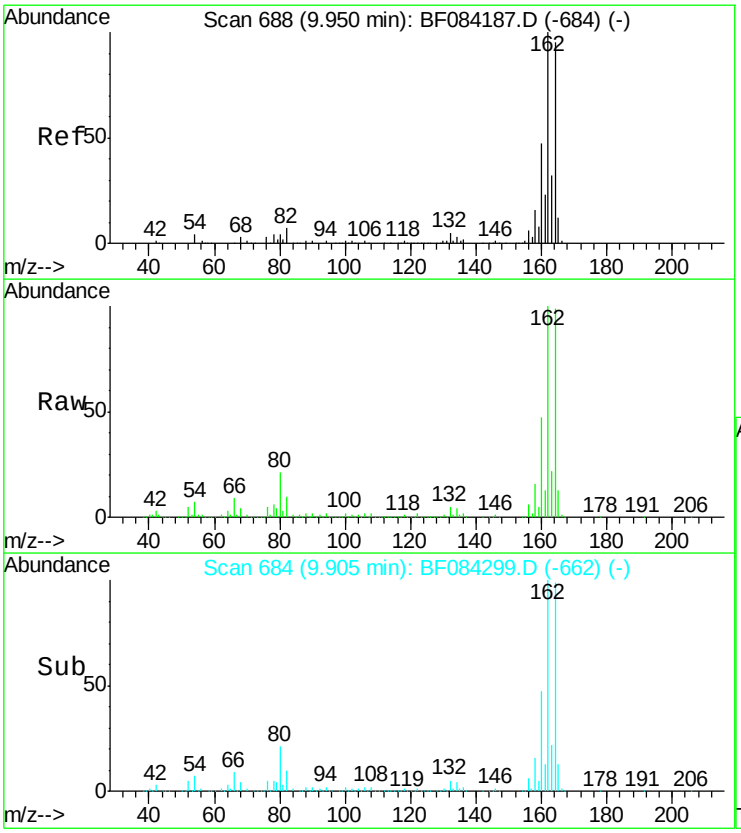
#32
Benzoic acid
Concen: 6.28 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.15 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:122 Resp: 450

Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.3	140.3#
77	66.8	63.5	103.5

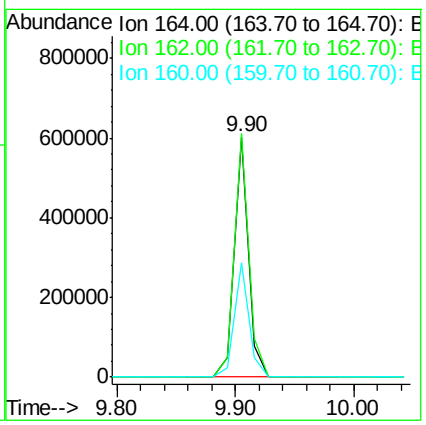


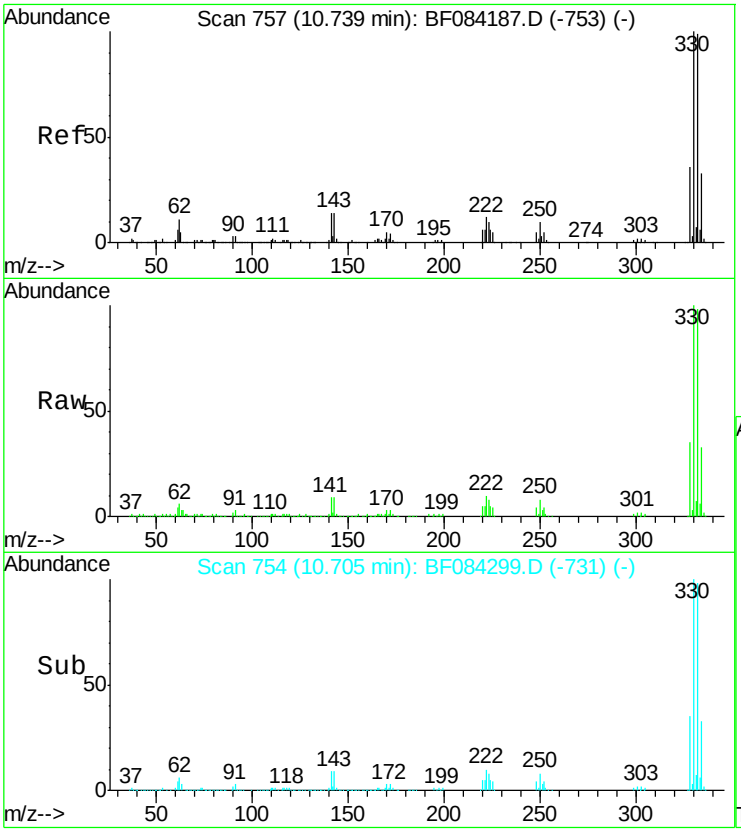


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion:164 Resp: 500887

Ion	Ratio	Lower	Upper
164	100		
162	101.4	85.1	127.7
160	47.7	37.5	56.3



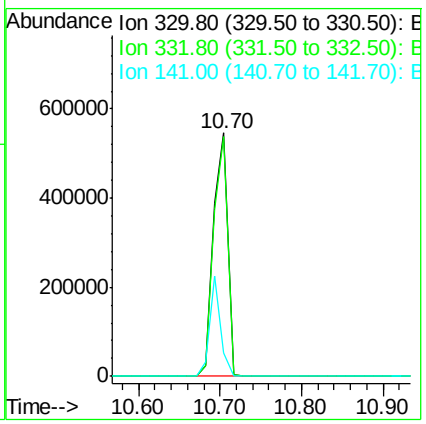


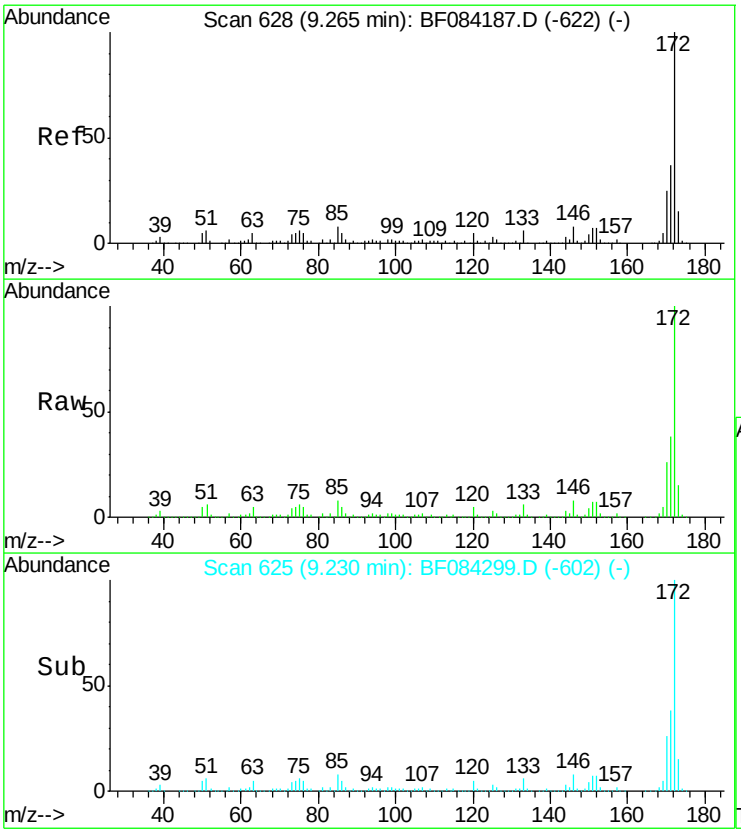
#41
2,4,6-Tribromophenol
Concen: 131.95 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.03 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:330 Resp: 667258

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	32.5	27.8	41.6

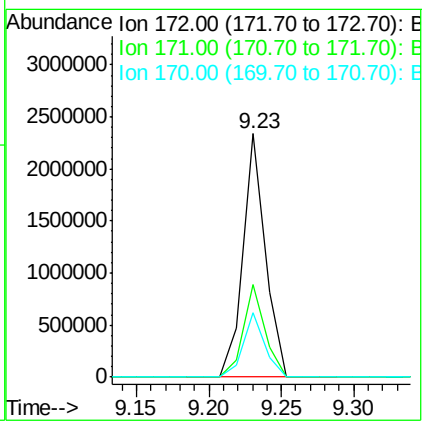


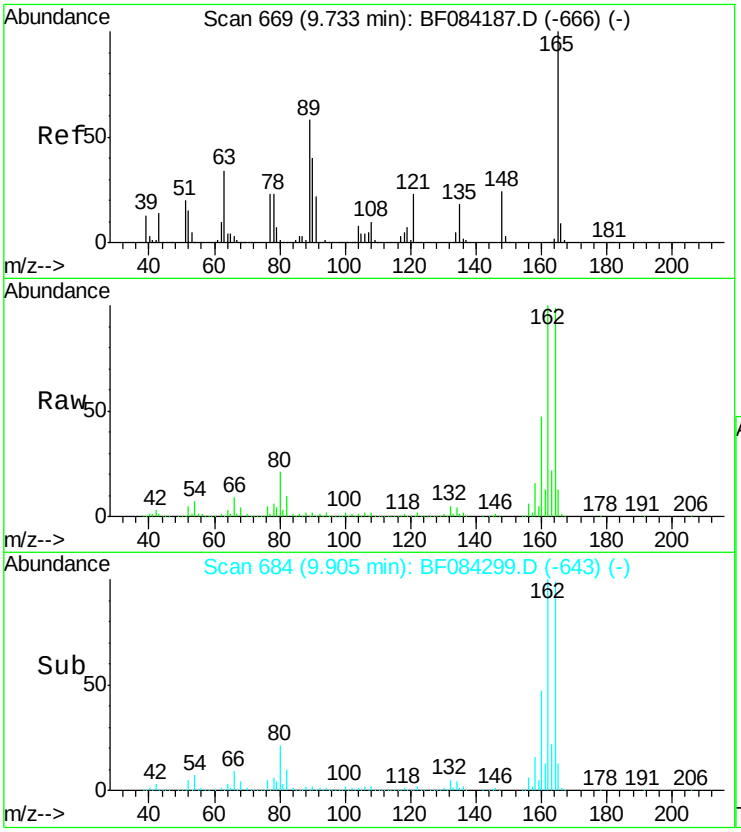


#44
2-Fluorobiphenyl
Concen: 88.14 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion:172 Resp: 2502984

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	26.5	18.6	27.8



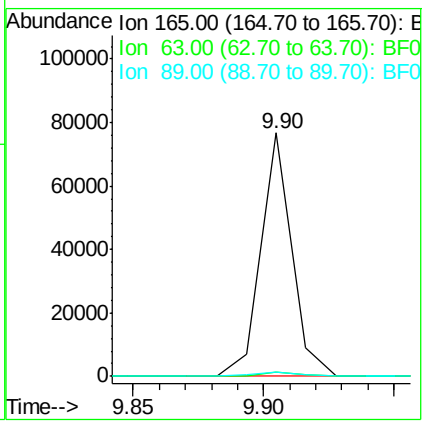


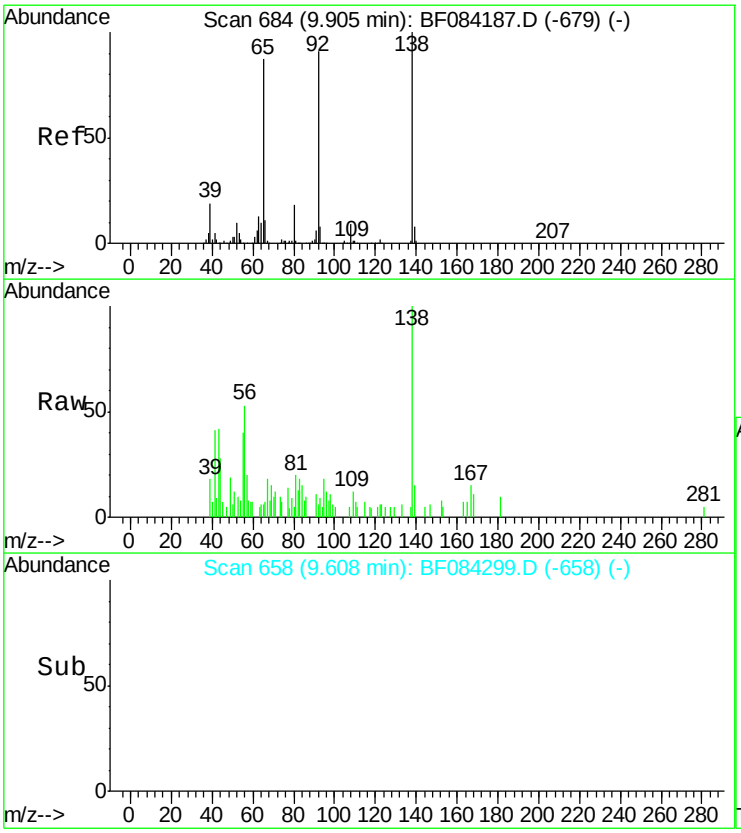
#50
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.17 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:165 Resp: 63681

Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.8	43.2#
89	1.8	35.1	52.7#

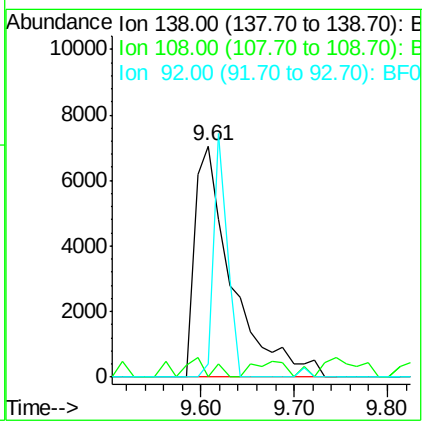


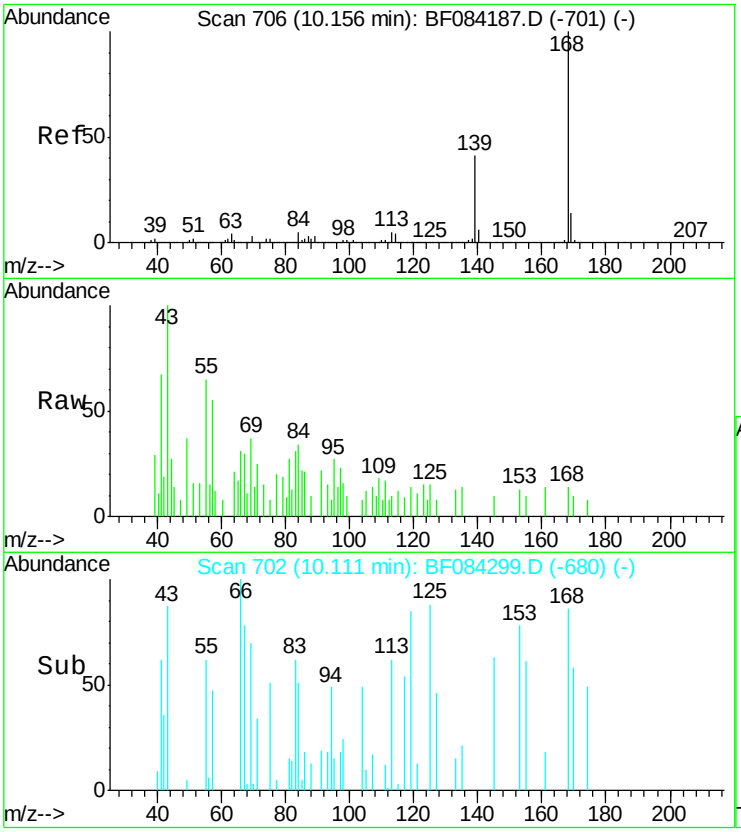


#52
3-Nitroaniline
Concen: 2.01 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.30 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion:138 Resp: 19554

Ion	Ratio	Lower	Upper
138	100		
108	0.0	10.5	15.7#
92	5.6	103.9	155.9#



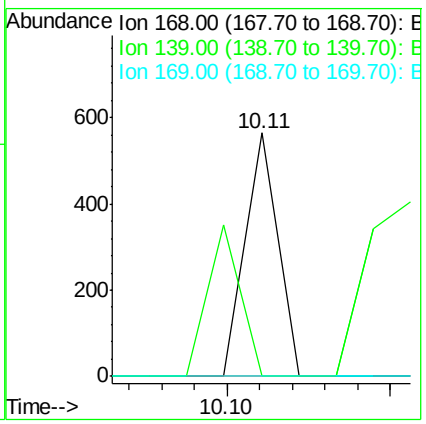


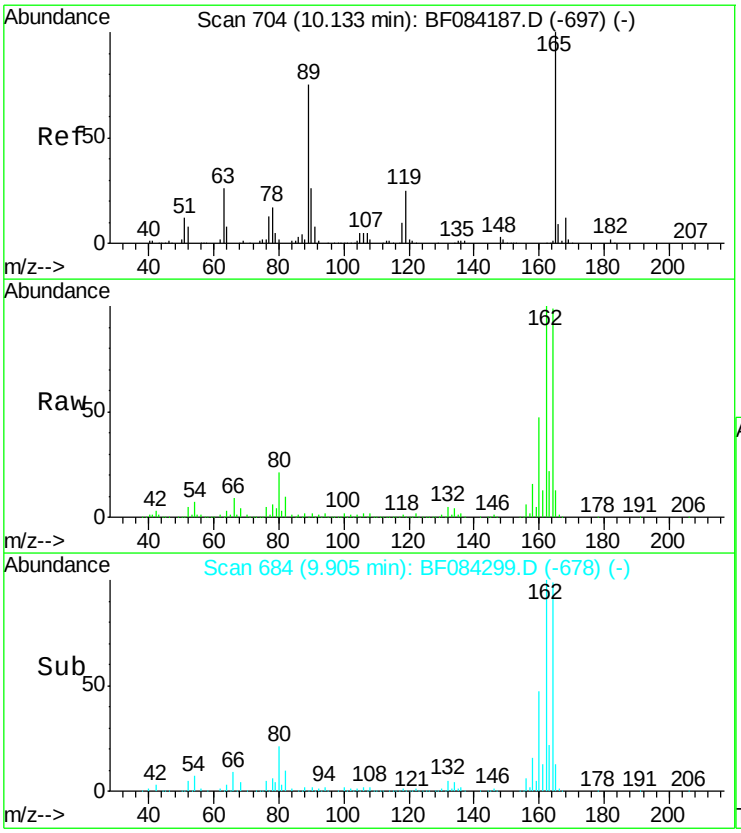
#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:168 Resp: 387

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

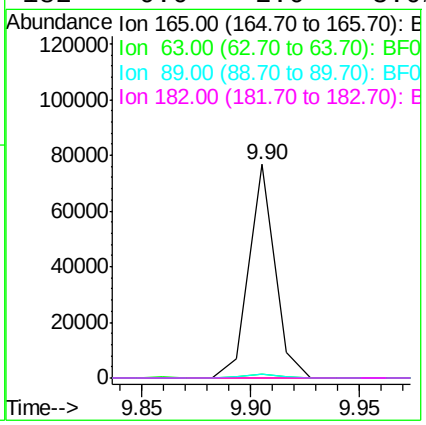


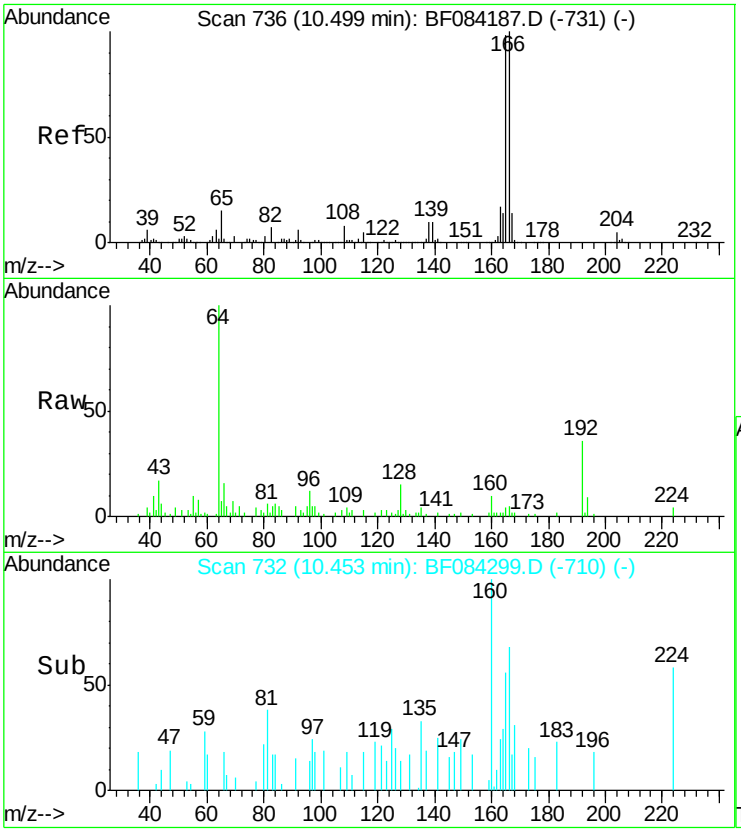


#56
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion:165 Resp: 63684

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#



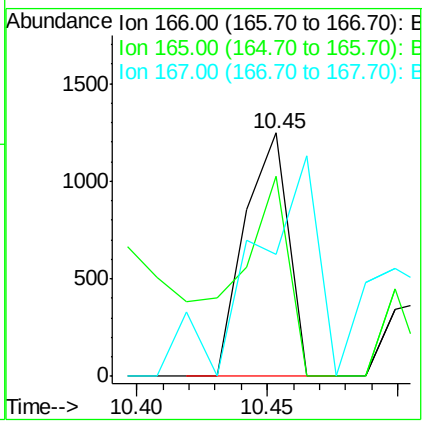


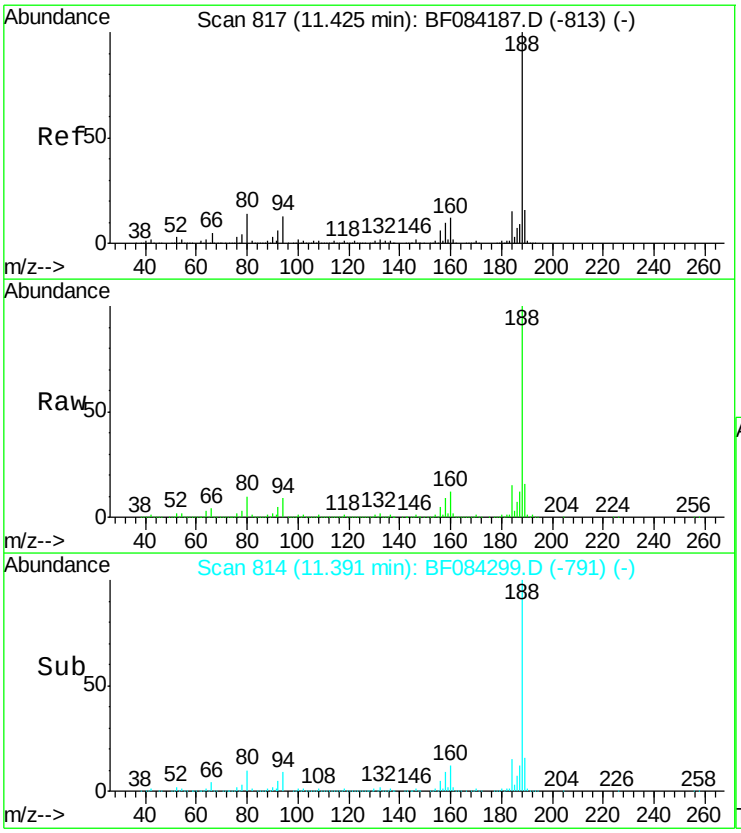
#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:166 Resp: 1441

Ion	Ratio	Lower	Upper
166	100		
165	82.2	79.1	118.7
167	50.2	10.4	15.6#

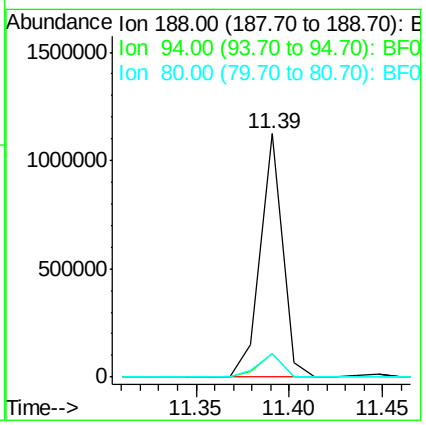


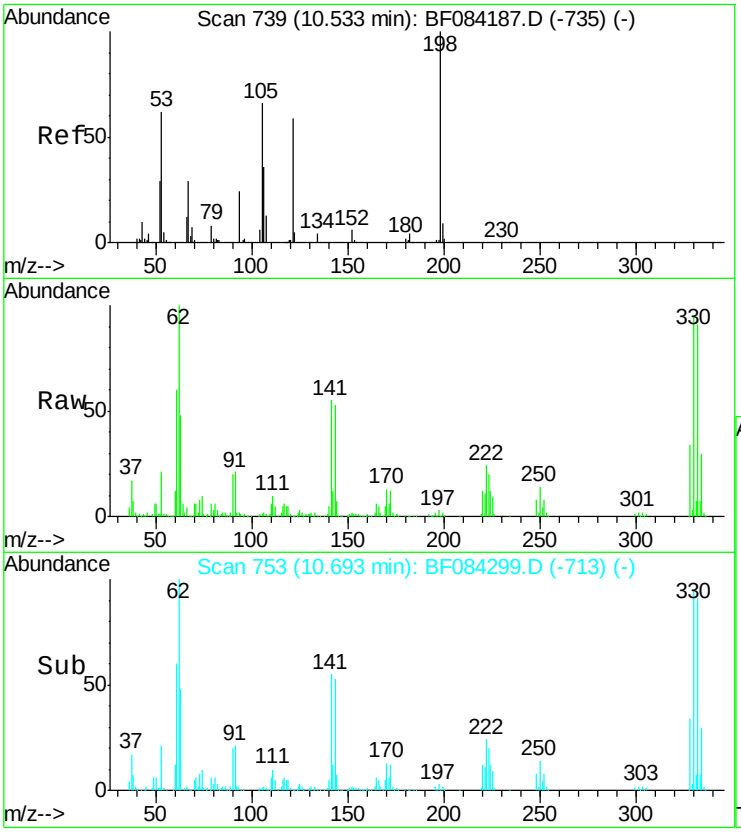


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion:188 Resp: 924094

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.8	9.6	14.4



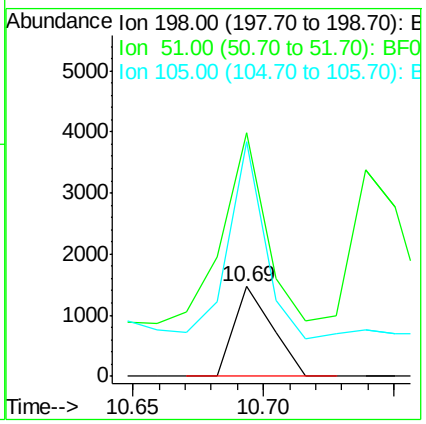


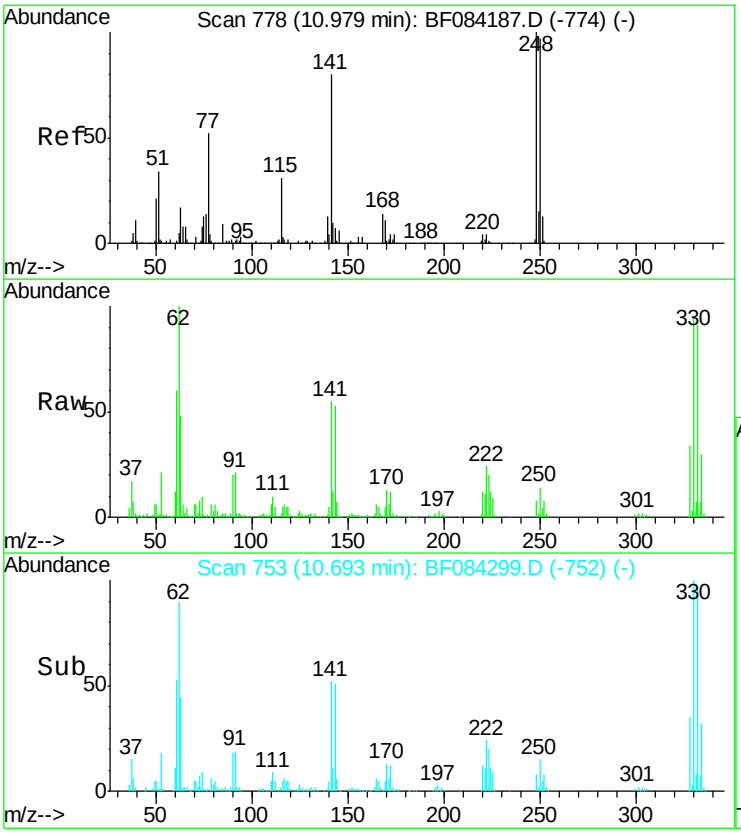
#64
4,6-Dinitro-2-methylphenol
Concen: 6.62 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:198 Resp: 1499

Ion	Ratio	Lower	Upper
198	100		
51	271.6	18.9	58.9#
105	261.3	26.4	66.4#

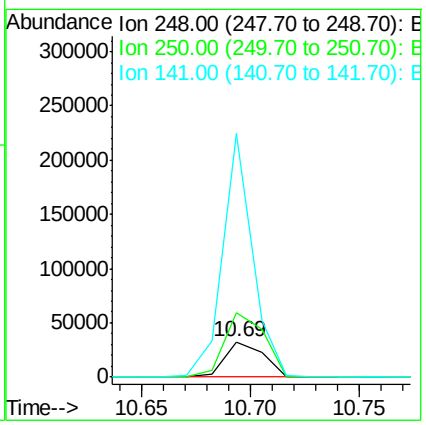


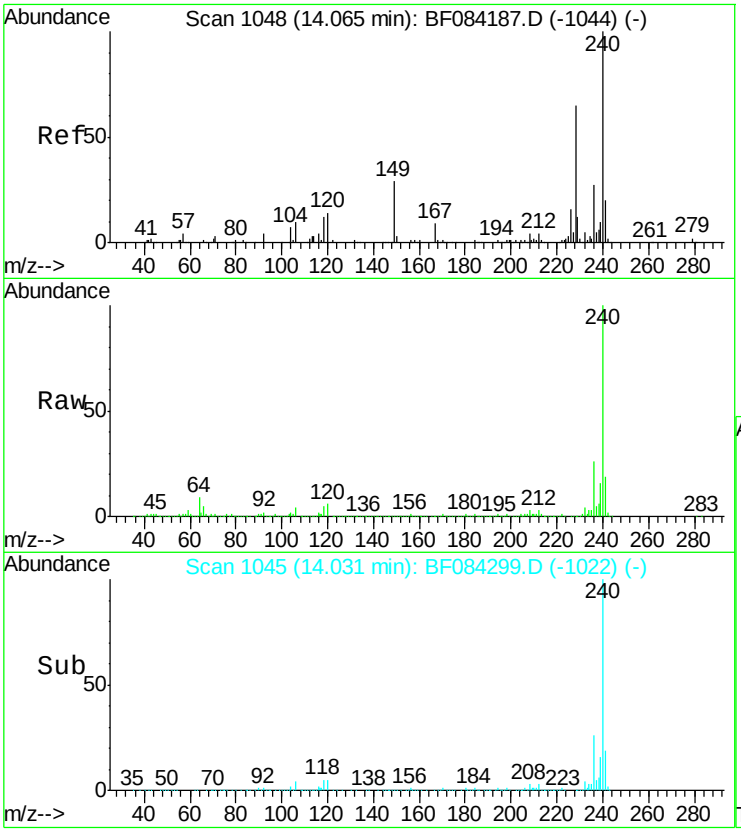


#66
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion:248 Resp: 39441

Ion	Ratio	Lower	Upper
248	100		
250	184.0	78.4	117.6#
141	696.7	44.0	66.0#



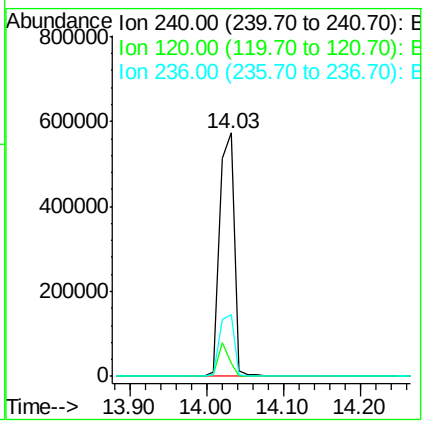


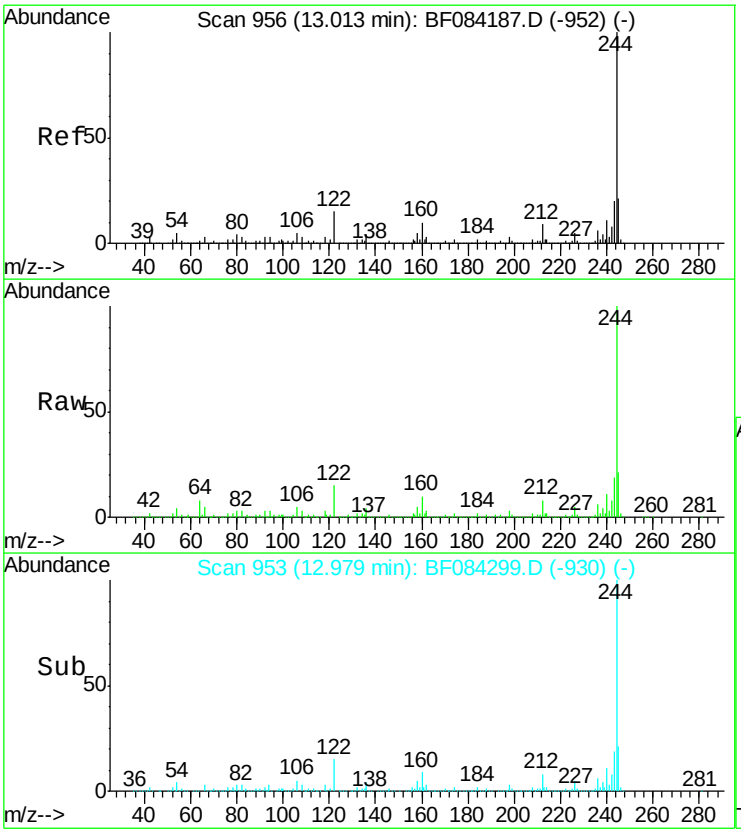
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:240 Resp: 774418

Ion	Ratio	Lower	Upper
240	100		
120	5.5	9.5	14.3#
236	25.6	20.6	31.0

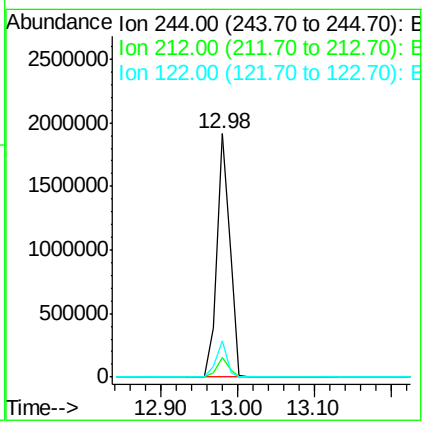


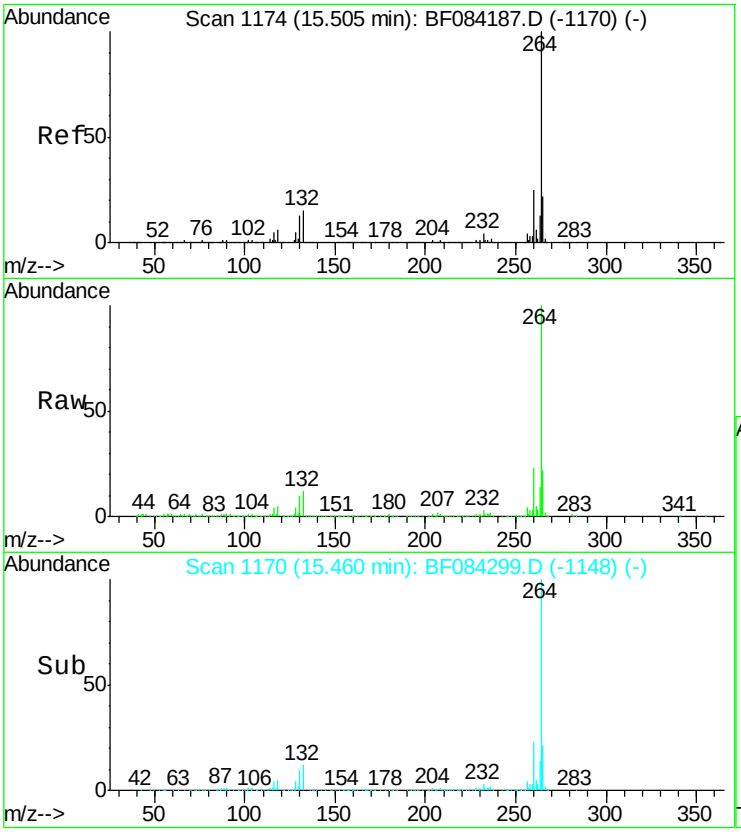


#78
Terphenyl-d14
Concen: 64.39 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084299.D
Acq: 6 Jan 2016 19:43

Tgt Ion:244 Resp: 2233926

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	14.9	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: BF084299.D
Acq: 6 Jan 2016 19:43

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:264 Resp: 582436

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.5	17.8	26.6