Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 00:20:18 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	6.85	152	256860	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1085669	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	481333	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	875541	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	562910	20.00	ng		-0.05
86) Perylene-d12	15.45	264	472909	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2344534	147.64	ng		-0.01
7) Phenol-d6	6.51	99	2545715	127.64	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1779216	91.21	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	756836	155.74	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	2400977	87.97	ng		-0.04
78) Terphenyl-d14	12.97	244	2139625	84.85	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	65191	5.02	ng		81
10) Phenol	6.52	94	57964	2.56	ng		83
19) n-Nitroso-di-n-propylamine	7.42	70	261205	19.35	ng	#	70
49) Dimethylphthalate	9.62	163	658508	19.14	ng	#	91
54) Dibenzofuran	10.10	168	616	Below Cal		#	53
56) 2,4-Dinitrotoluene	9.89	165	61842	6.47	ng	#	21
57) Fluorene	10.68	166	27406	Below Cal		#	86
64) 4,6-Dinitro-2-methylphenol	10.69	198	1924	6.69	ng	#	39
66) 4-Bromophenyl-phenylether	10.69	248	47140	5.00	ng	#	1
73) Di-n-butylphthalate	11.95	149	5698	Below Cal		#	95

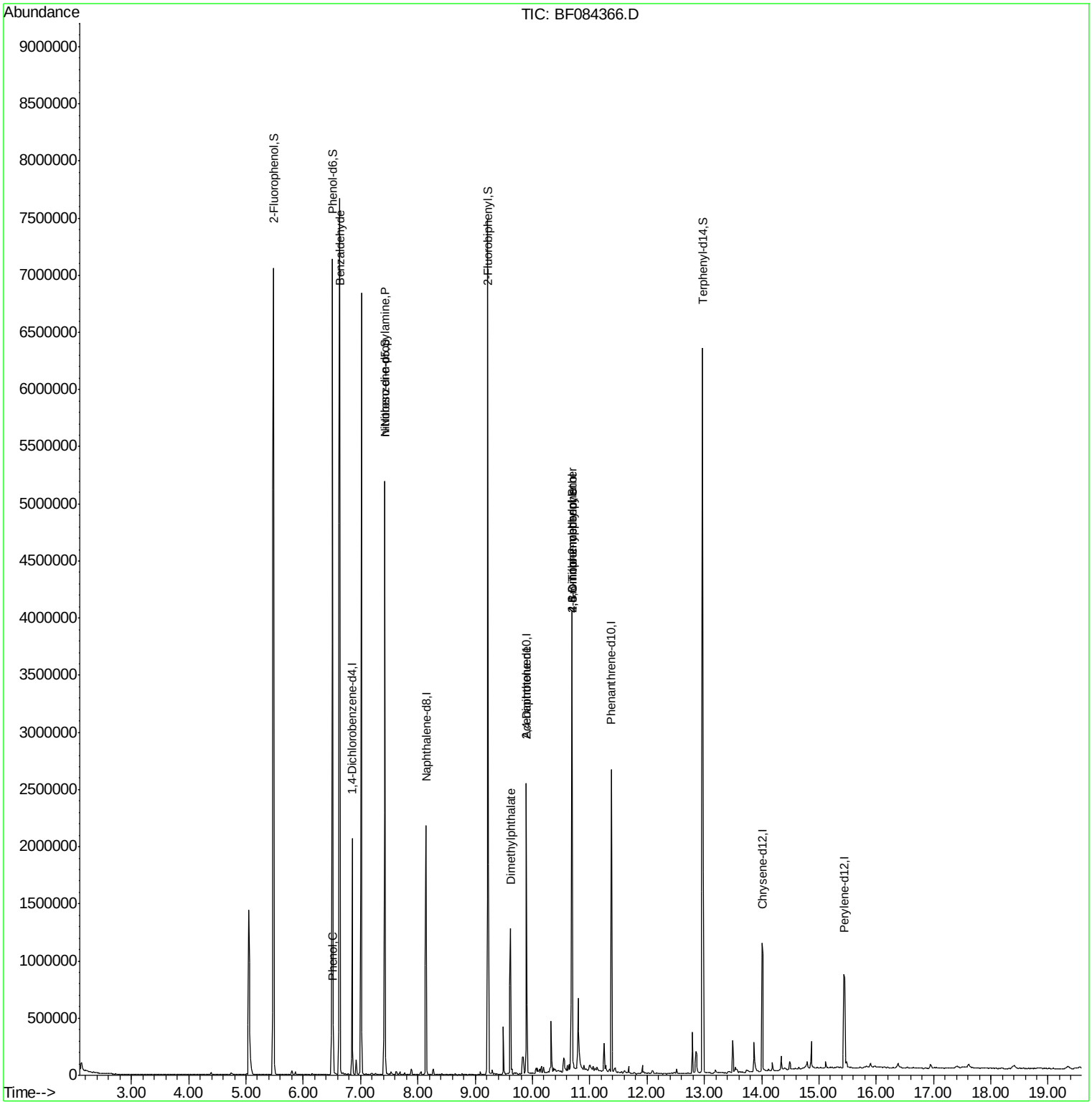
(#) = qualifier out of range (m) = manual integration (+) = signals summed

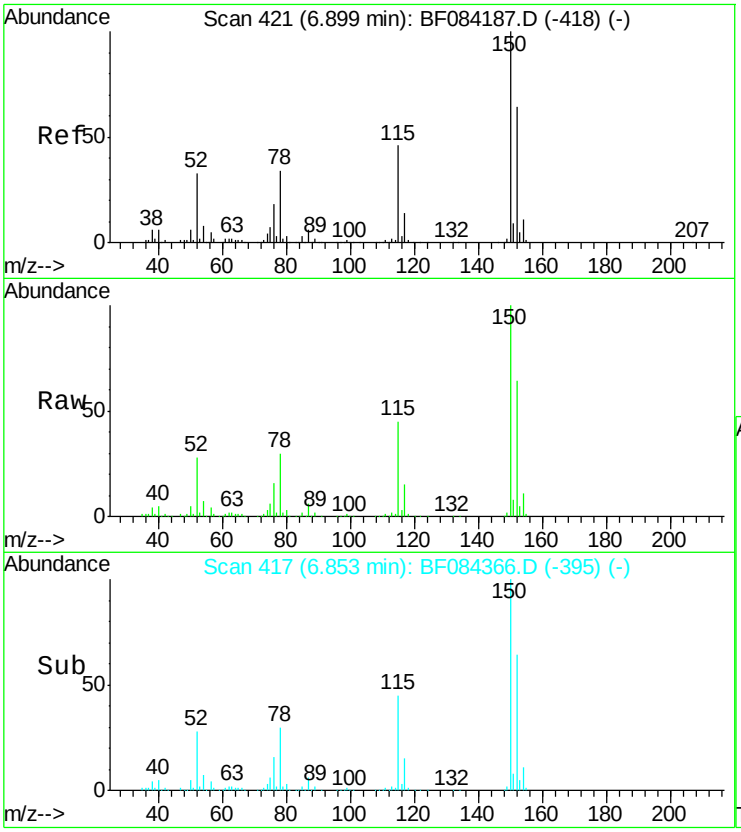
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:20:18 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



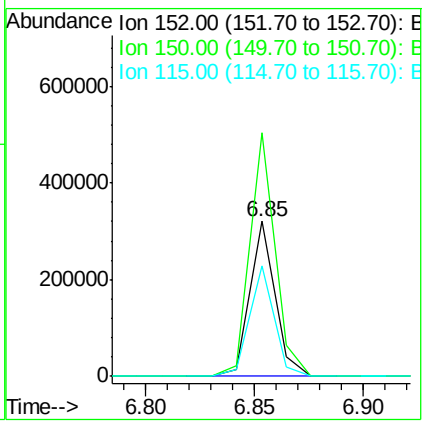


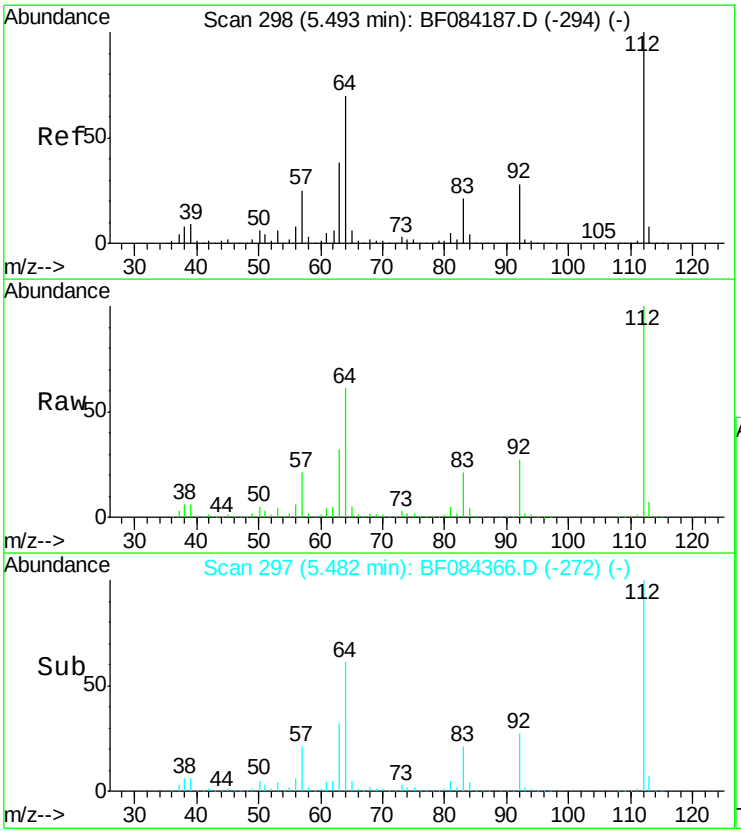
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 256860

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.4
115	71.1	51.4	77.2

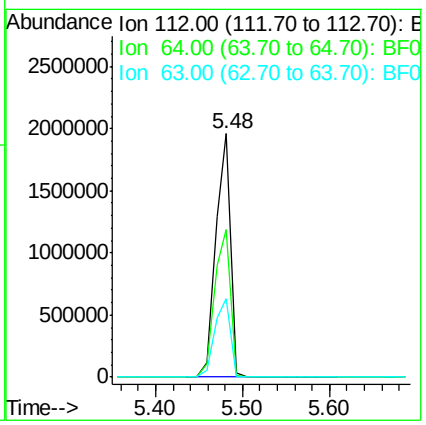


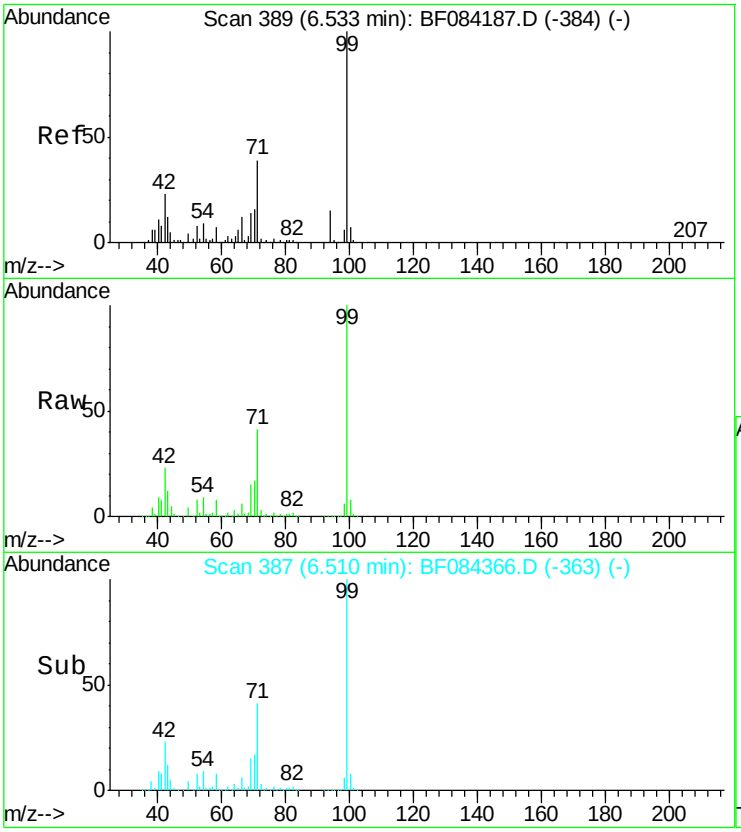


#5
2-Fluorophenol
Concen: 147.64 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:112 Resp: 2344534

Ion	Ratio	Lower	Upper
112	100		
64	60.8	36.6	55.0#
63	32.4	19.4	29.0#



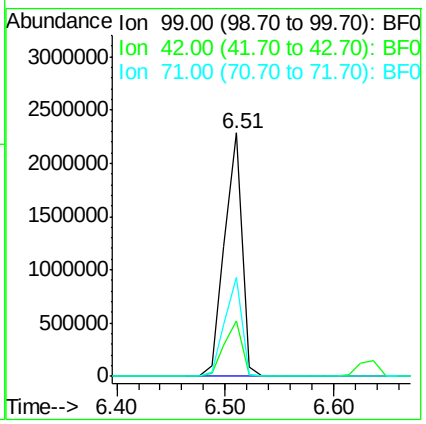


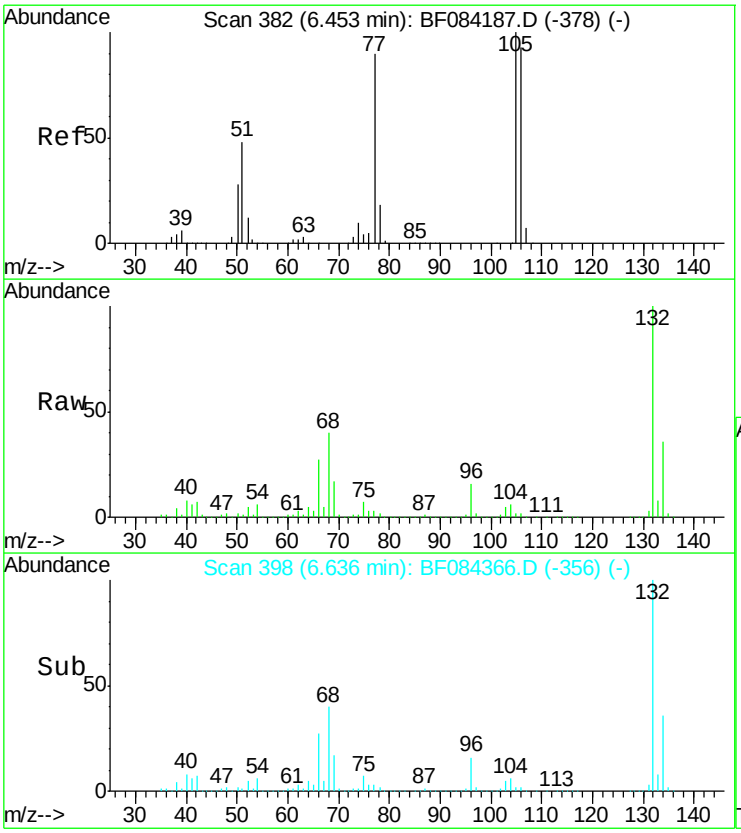
#7
Phenol-d6
Concen: 127.64 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2545715

Ion	Ratio	Lower	Upper
99	100		
42	22.9	12.8	19.2#
71	40.9	30.9	46.3

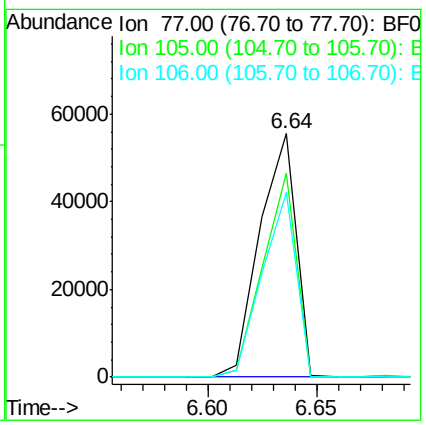


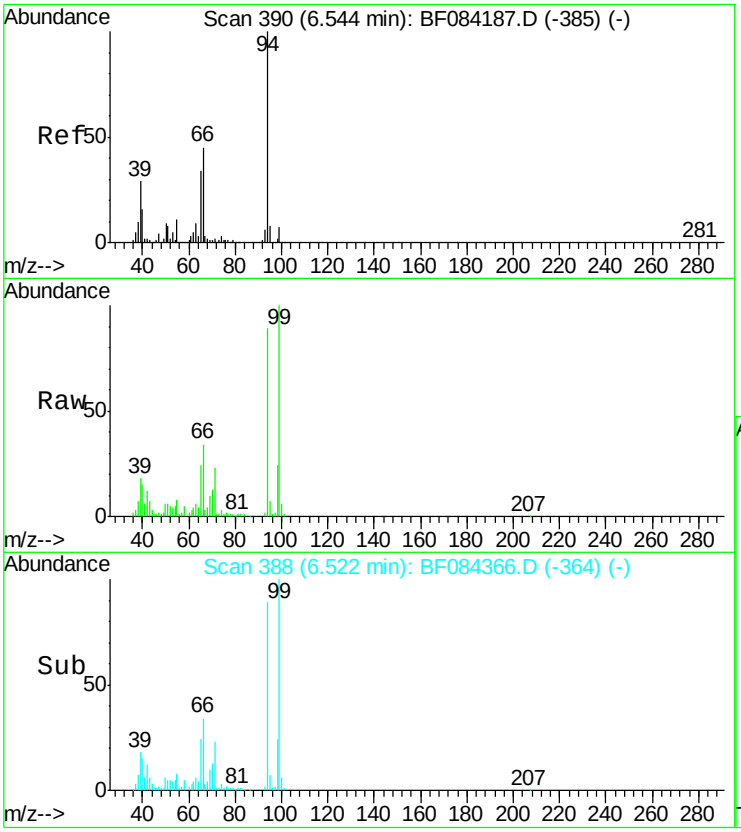


#9
Benzaldehyde
Concen: 5.02 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.18 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion: 77 Resp: 65191

Ion	Ratio	Lower	Upper
77	100		
105	83.5	83.0	123.0
106	75.6	74.6	114.6



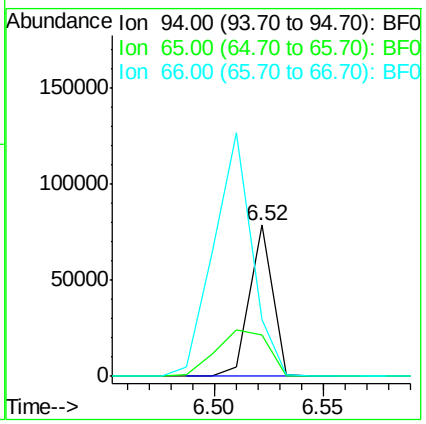


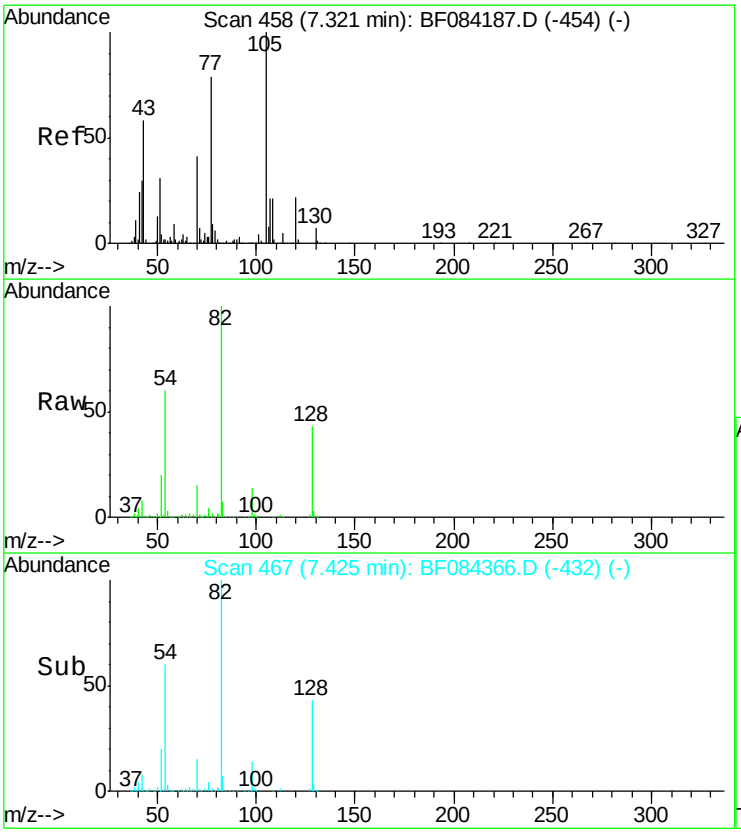
#10
Phenol
Concen: 2.56 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 57964

Ion	Ratio	Lower	Upper
94	100		
65	27.2	12.9	52.9
66	37.5	32.7	72.7

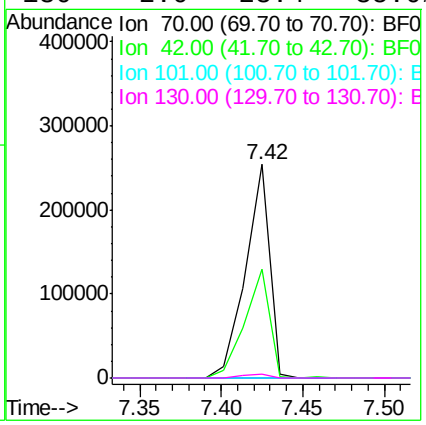


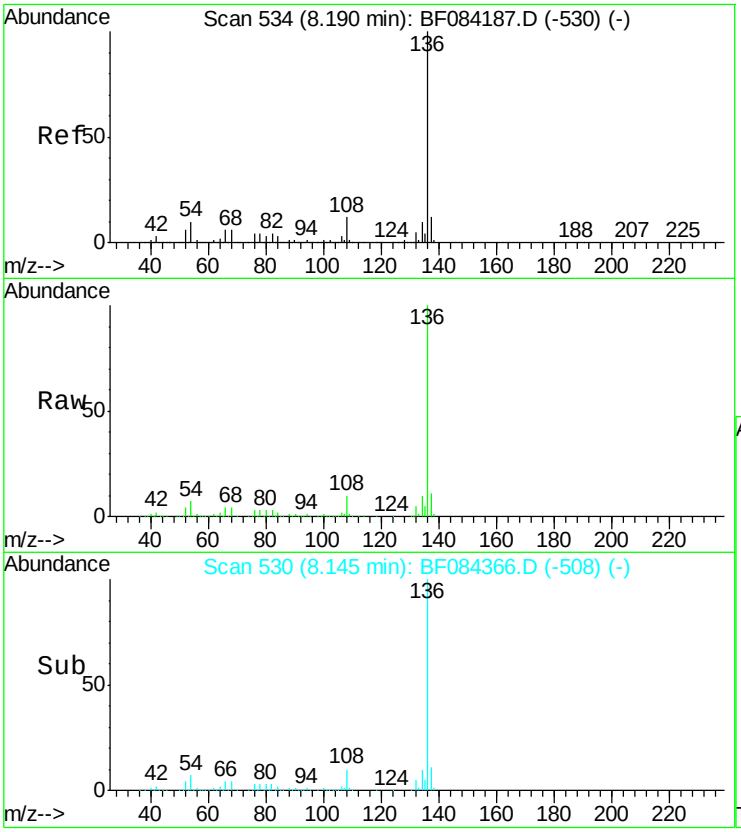


#19
n-Nitroso-di-n-propylamine
Concen: 19.35 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion: 70 Resp: 261205

Ion	Ratio	Lower	Upper
70	100		
42	50.8	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



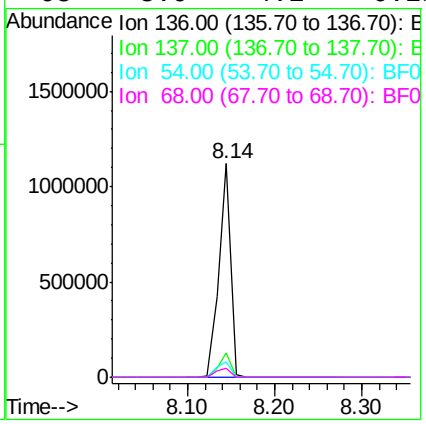


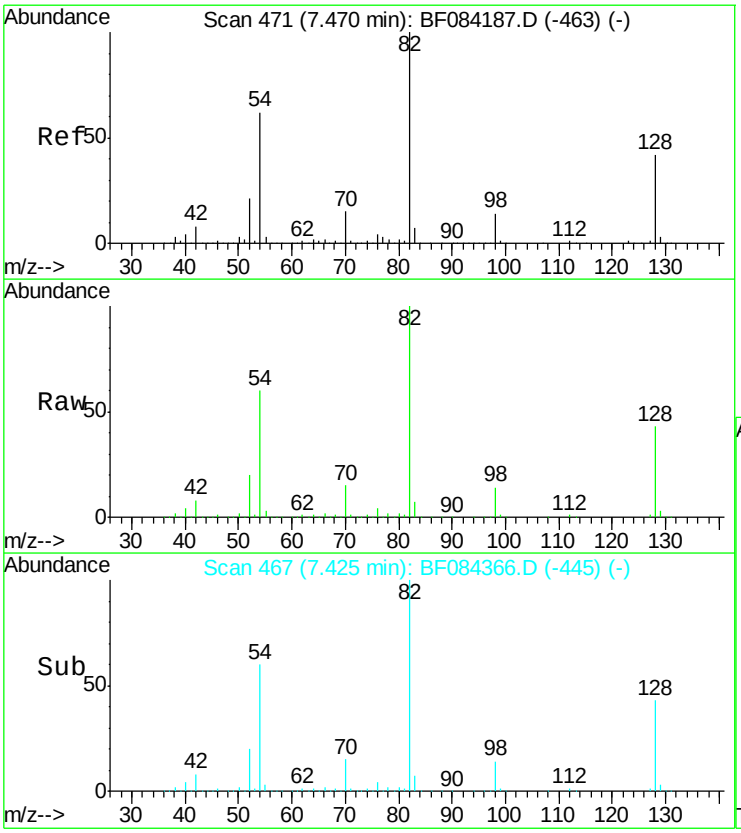
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1085669

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.2	5.8	8.8
68	3.9	4.2	6.2#

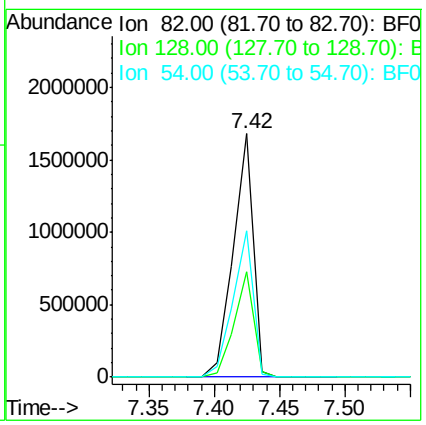


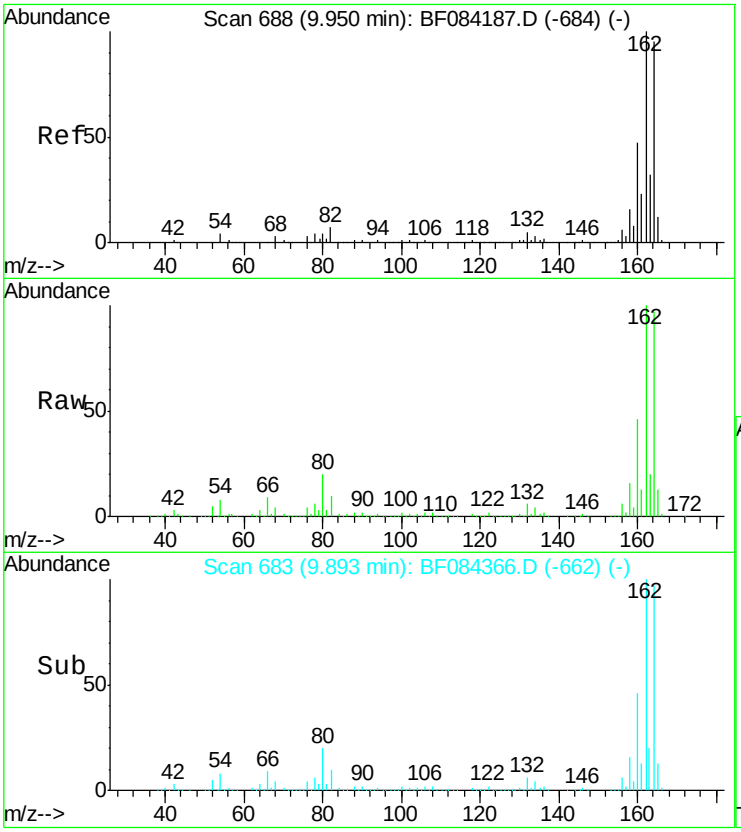


#23
Nitrobenzene-d5
Concen: 91.21 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion: 82 Resp: 1779216

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	60.2	38.4	57.6#



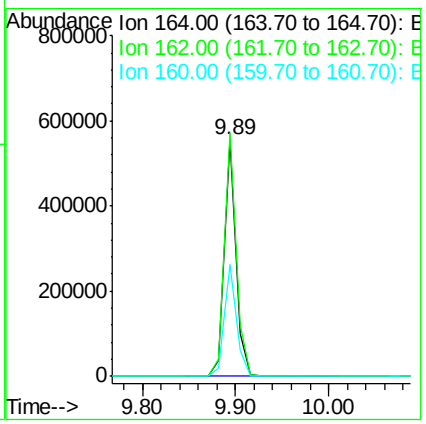


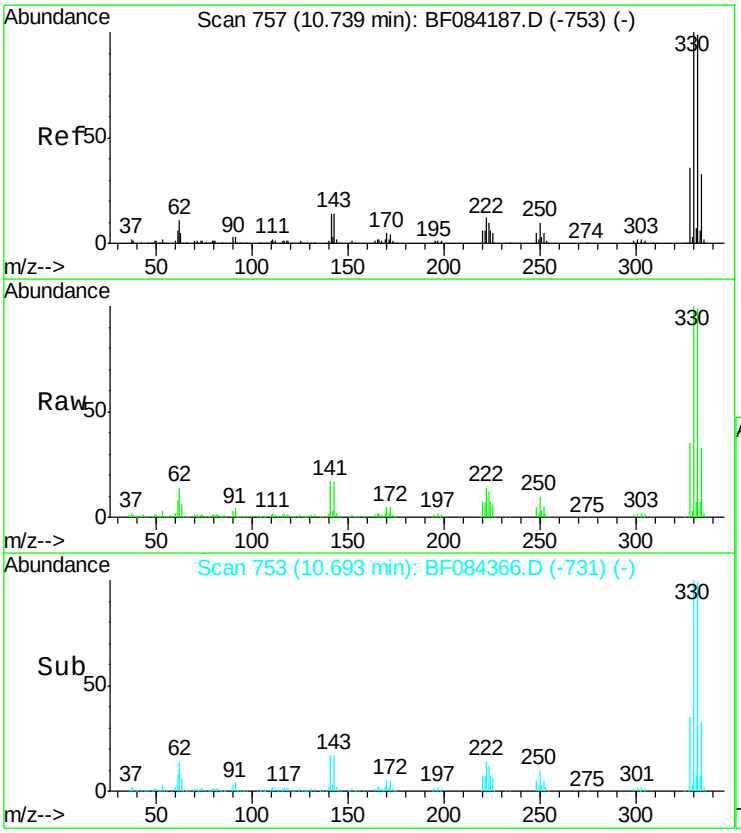
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 481333

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	47.3	37.5	56.3

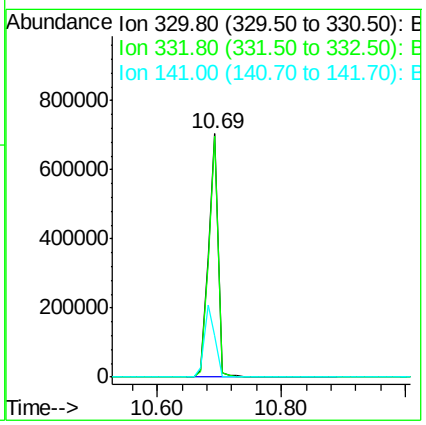


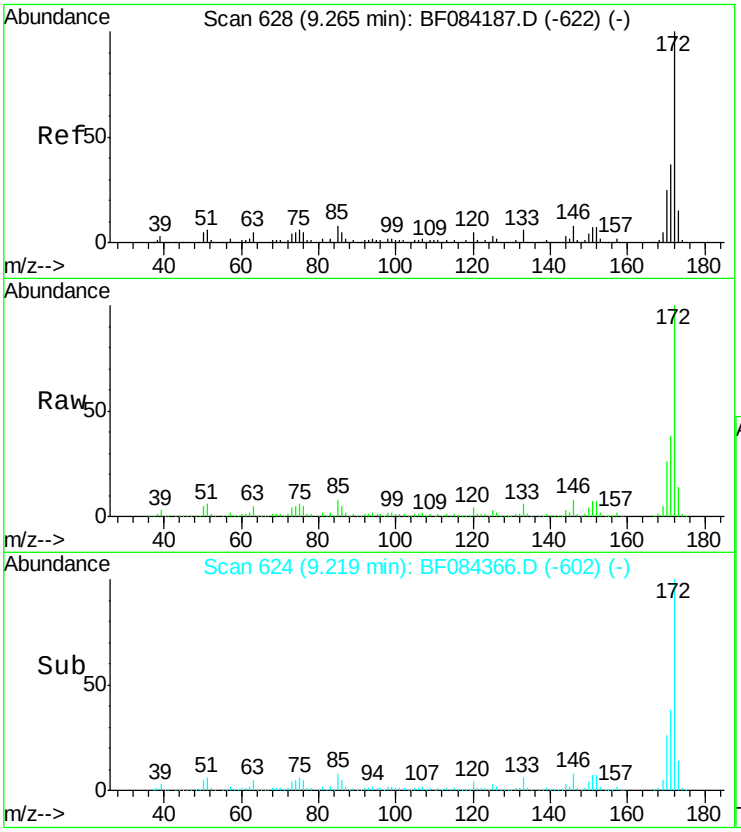


#41
2,4,6-Tribromophenol
Concen: 155.74 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:330 Resp: 756836

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	33.0	27.8	41.6



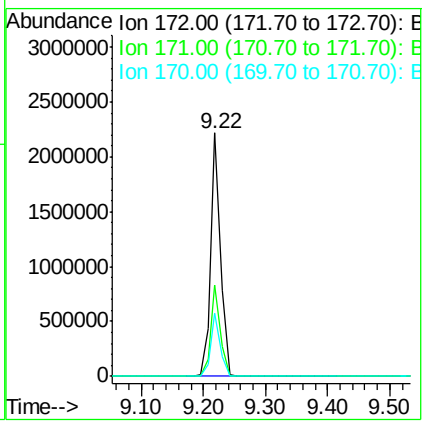


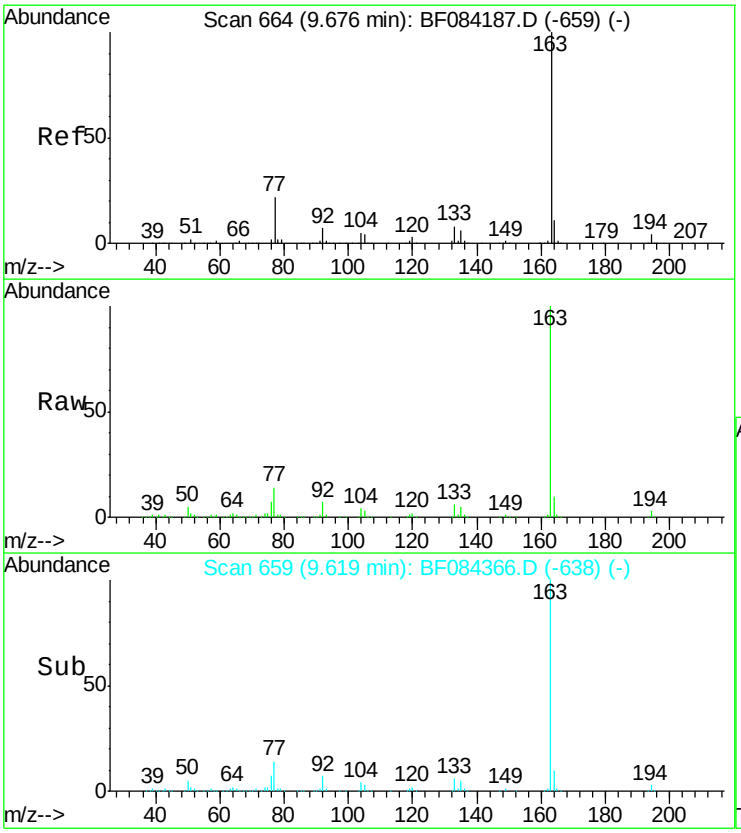
#44
2-Fluorobiphenyl
Concen: 87.97 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2400977

Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.9	43.3
170	26.1	18.6	27.8

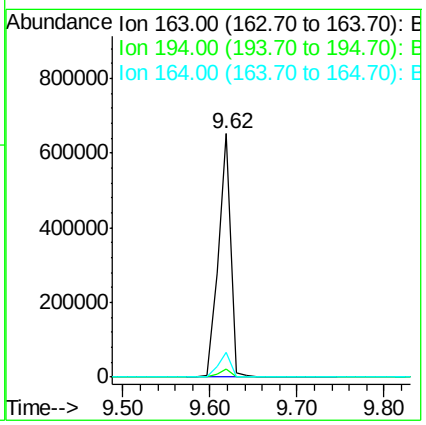


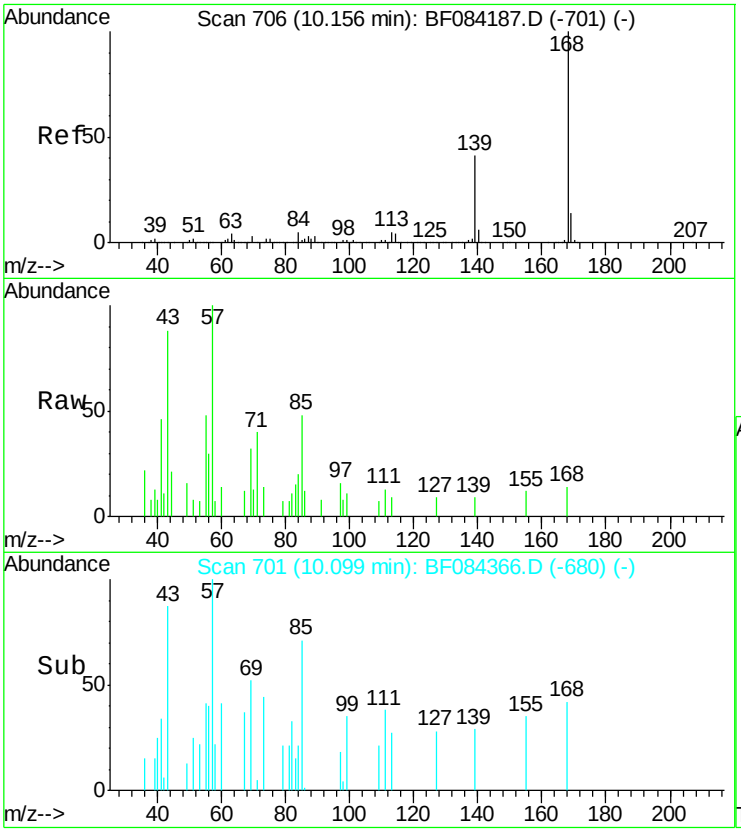


#49
Dimethylphthalate
Concen: 19.14 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:163 Resp: 658508

Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	9.9	8.0	12.0



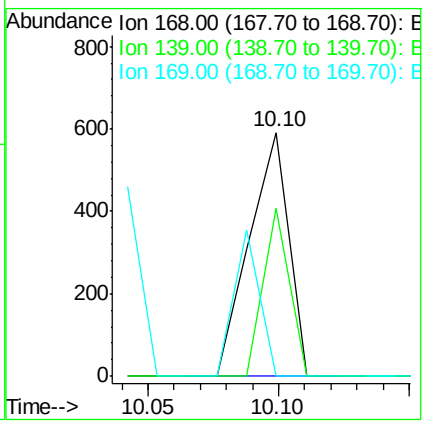


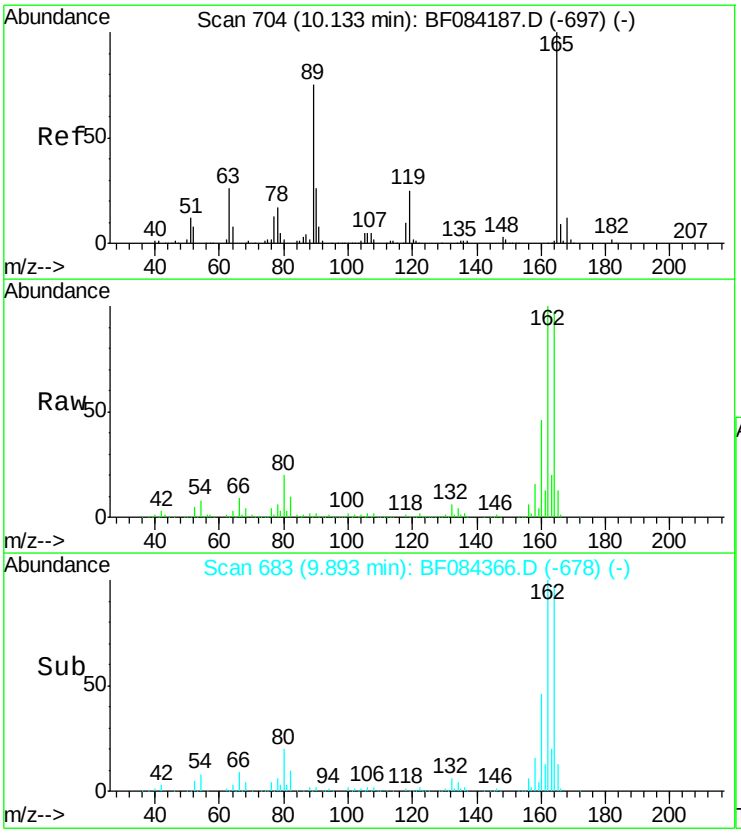
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 616

Ion	Ratio	Lower	Upper
168	100		
139	69.2	30.5	45.7#
169	0.0	10.4	15.6#

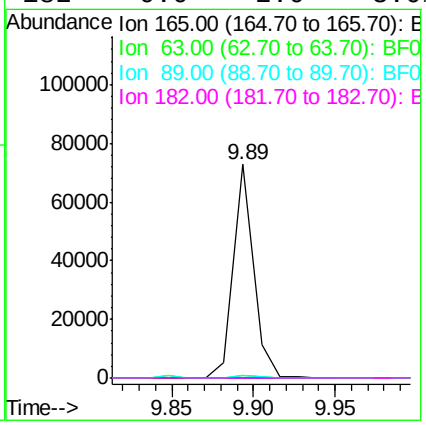


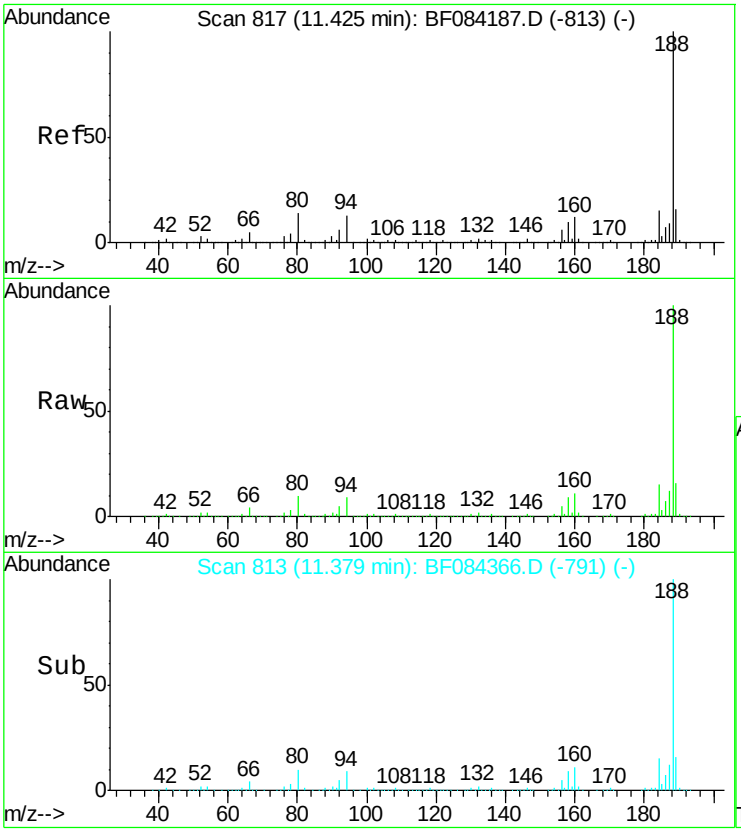


#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:165 Resp: 61842

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#



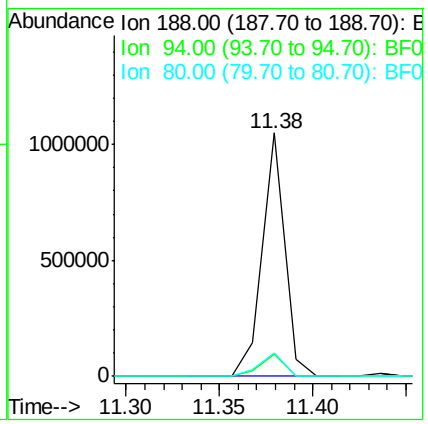


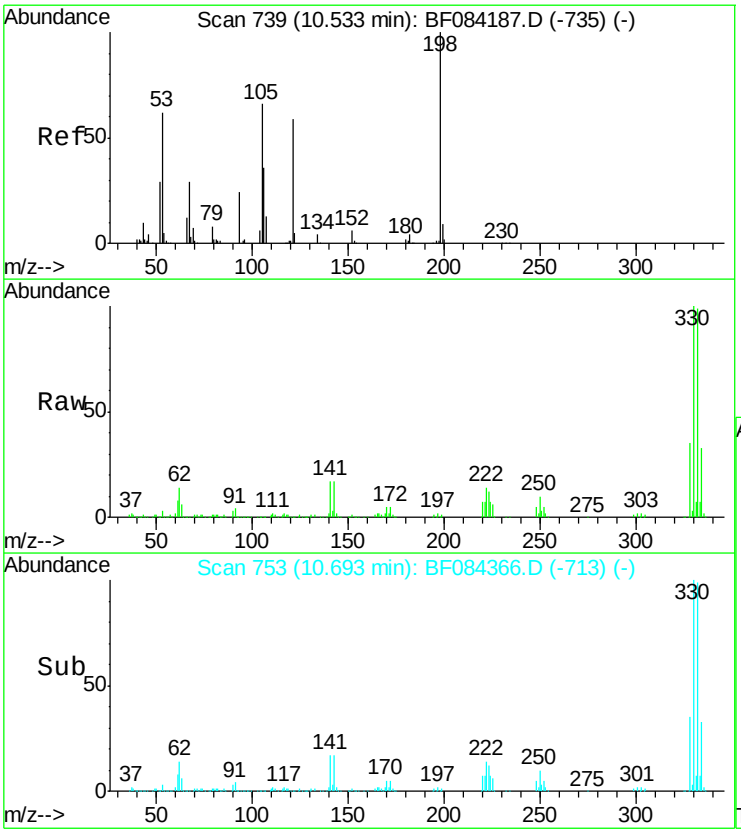
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 875541

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.7	9.6	14.4

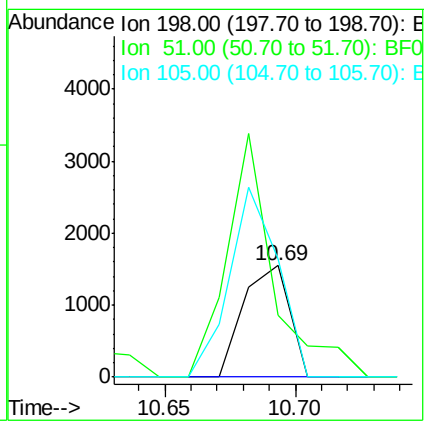


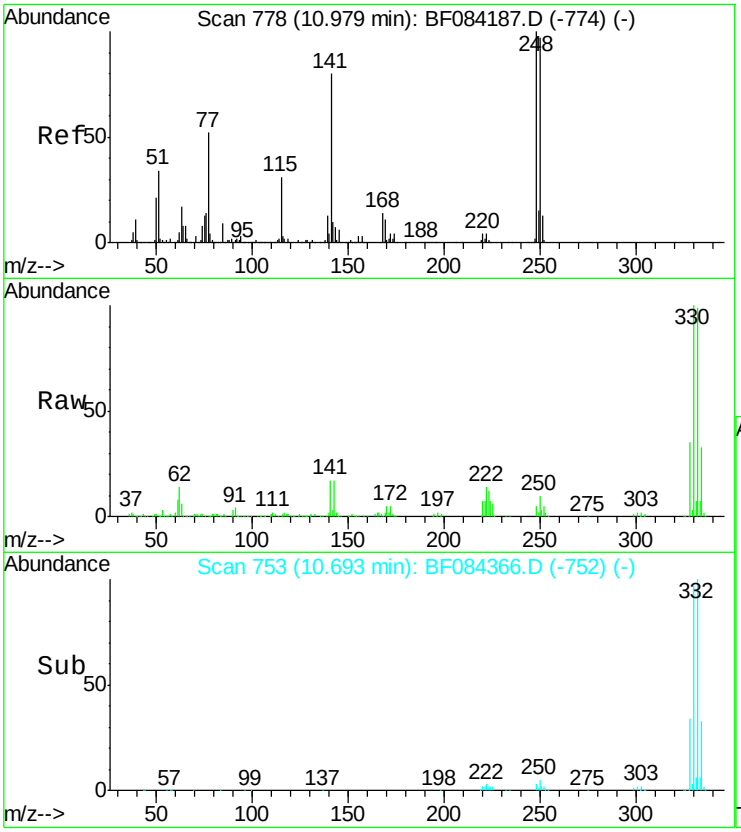


#64
4,6-Dinitro-2-methylphenol
Concen: 6.69 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:198 Resp: 1924

Ion	Ratio	Lower	Upper
198	100		
51	55.4	18.9	58.9
105	105.8	26.4	66.4#



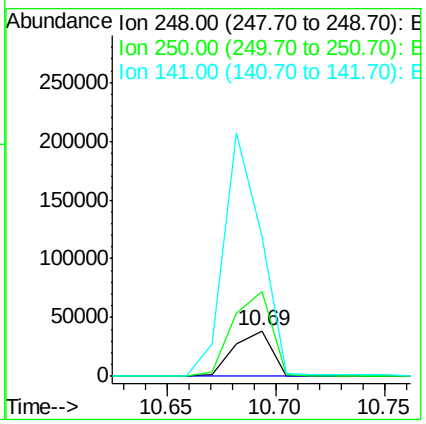


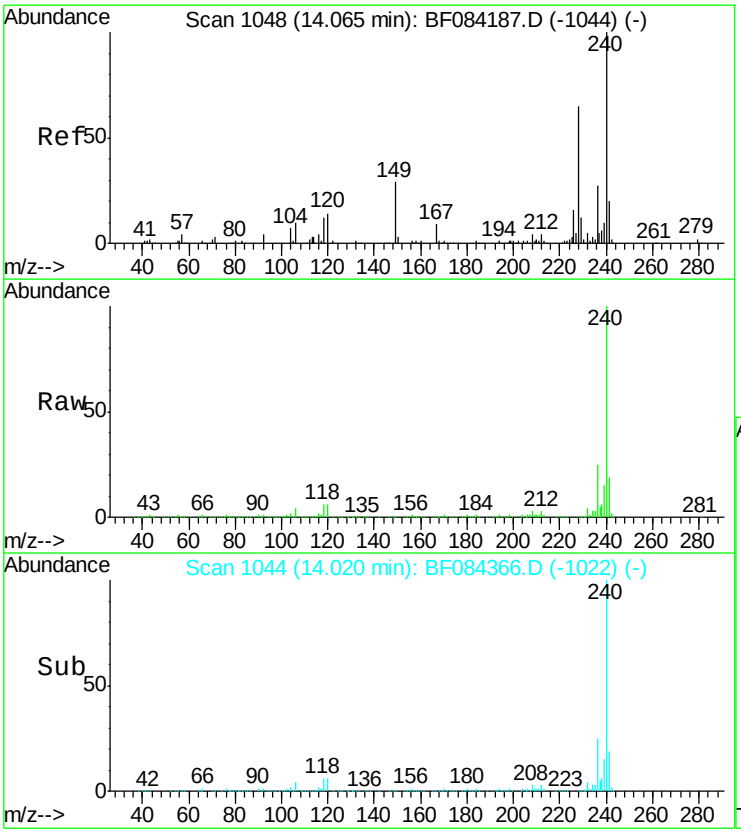
#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 47140

Ion	Ratio	Lower	Upper
248	100		
250	188.7	78.4	117.6#
141	309.7	44.0	66.0#

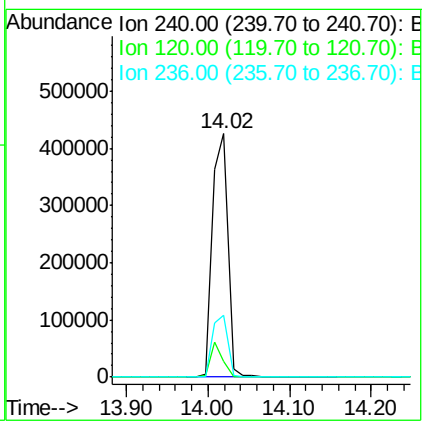


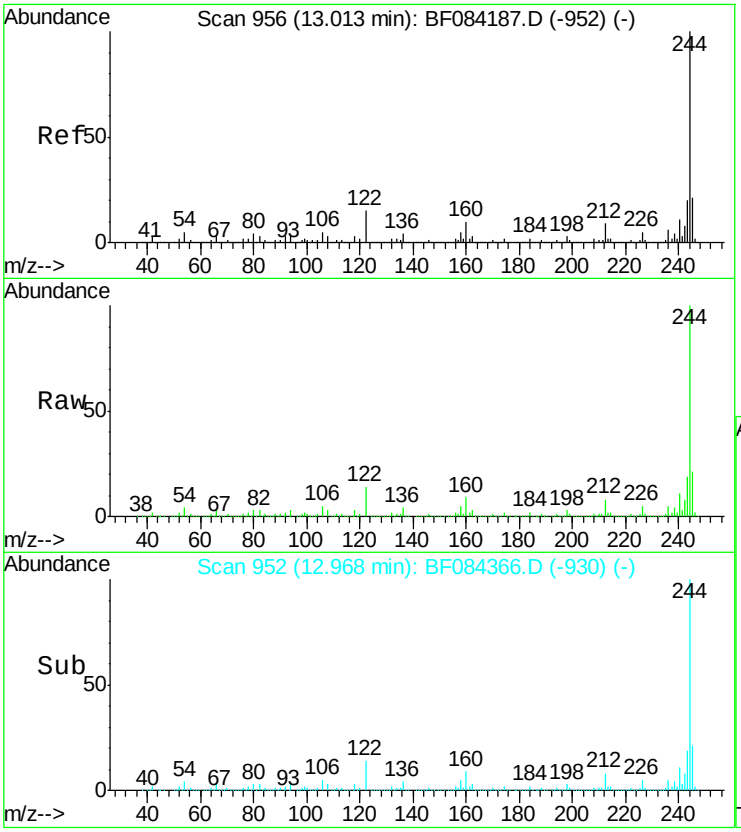


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:240 Resp: 562910

Ion	Ratio	Lower	Upper
240	100		
120	6.3	9.5	14.3#
236	25.4	20.6	31.0



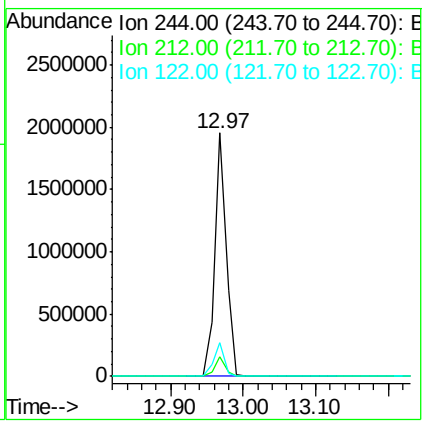


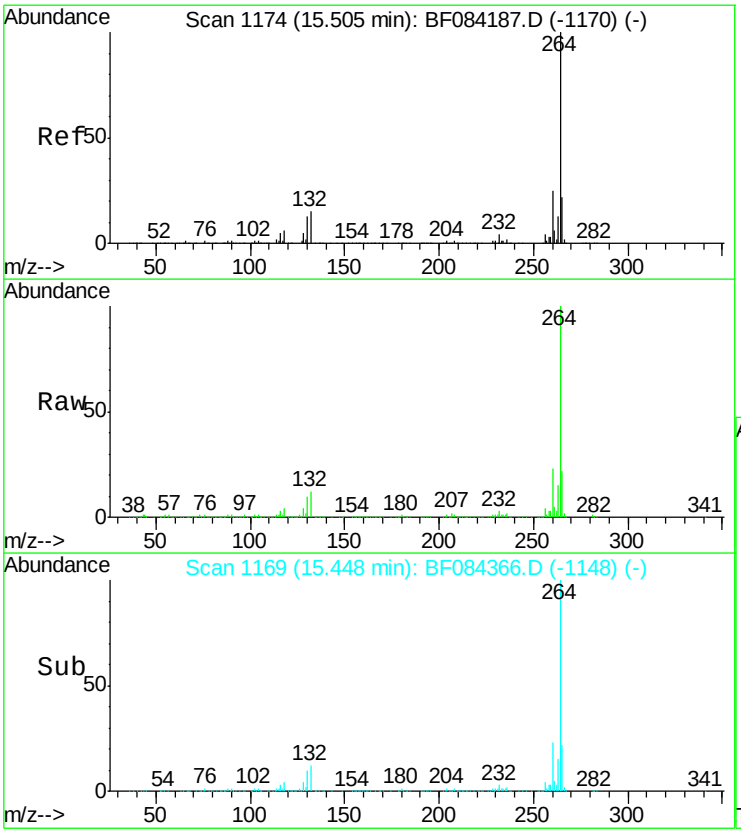
#78
Terphenyl-d14
Concen: 84.85 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2139625

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.0	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:264 Resp: 472909

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.8	17.8	26.6