Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084421.D
Acq On : 12 Jan 2016 20:24
Operator : SJ/UM
Sample : H1078-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW35

Quant Time: Jan 13 00:37:15 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	277538	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1062613	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	494125	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	861720	20.00	ng		-0.06
75) Chrysene-d12	14.00	240	557378	20.00	ng		-0.07
86) Perylene-d12	15.43	264	487271	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1112534	64.84	ng		-0.04
7) Phenol-d6	6.48	99	898582	41.70	ng		-0.06
23) Nitrobenzene-d5	7.41	82	1815183	95.07	ng		-0.06
41) 2,4,6-Tribromophenol	10.67	330	597759	119.82	ng		-0.07
44) 2-Fluorobiphenyl	9.21	172	2429945	86.63	ng		-0.06
78) Terphenyl-d14	12.96	244	2087344	83.59	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	244968	16.79	ng	#	76
32) Benzoic acid	7.78	122	540	6.29	ng	#	1
51) Acenaphthene	9.92	154	76666	2.51	ng		95
53) 2,4-Dinitrophenol	10.03	184	4484	4.85	ng	#	59
54) Dibenzofuran	10.09	168	2690	Below Cal		#	47
57) Fluorene	10.43	166	4083	Below Cal		#	54
60) 4-Chlorophenyl-phenylether	10.41	204	684	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.54	198	5888	7.24	ng		81
66) 4-Bromophenyl-phenylether	10.67	248	34558	3.73	ng	#	1
73) Di-n-butylphthalate	11.94	149	3745	Below Cal		#	39

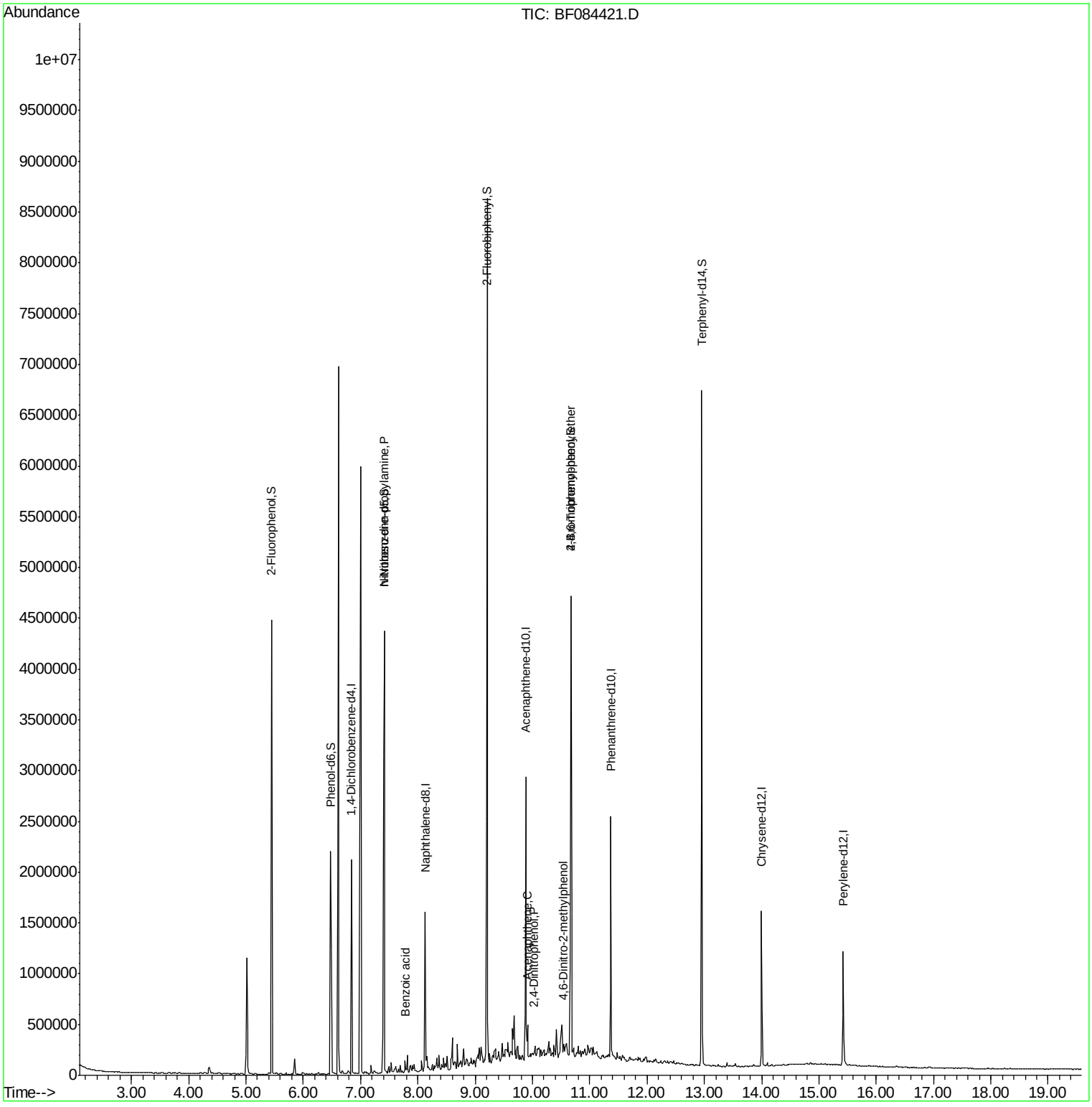
(#) = qualifier out of range (m) = manual integration (+) = signals summed

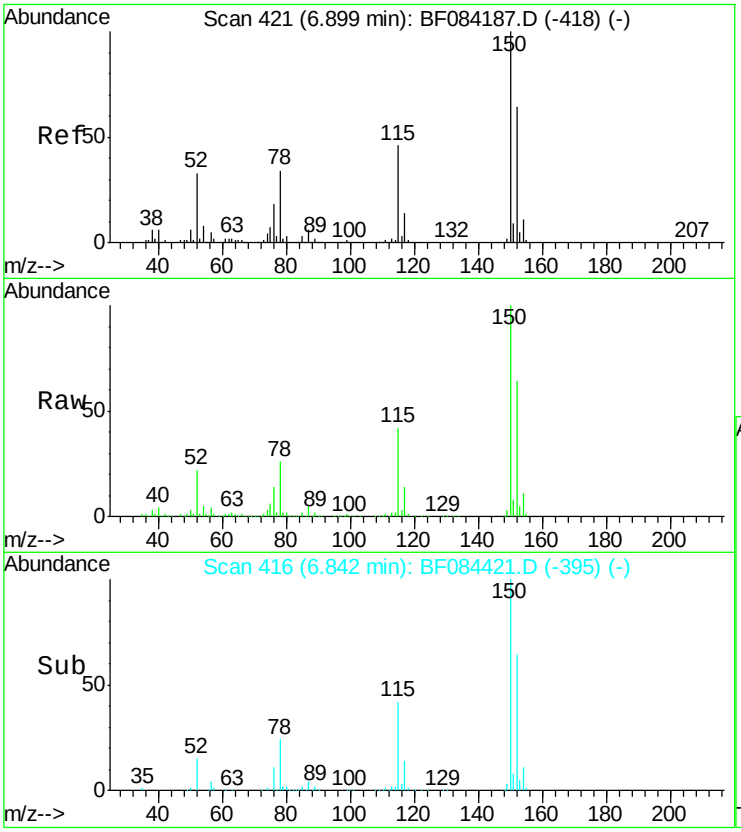
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084421.D
Acq On : 12 Jan 2016 20:24
Operator : SJ/UM
Sample : H1078-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW35

Quant Time: Jan 13 00:37:15 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



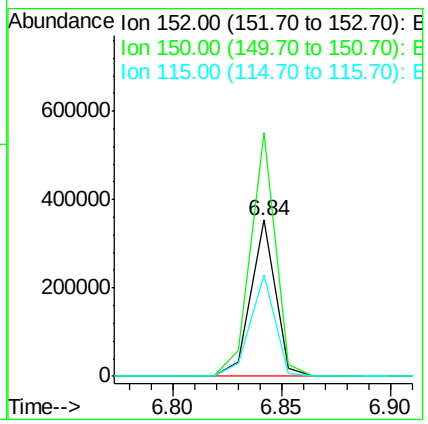


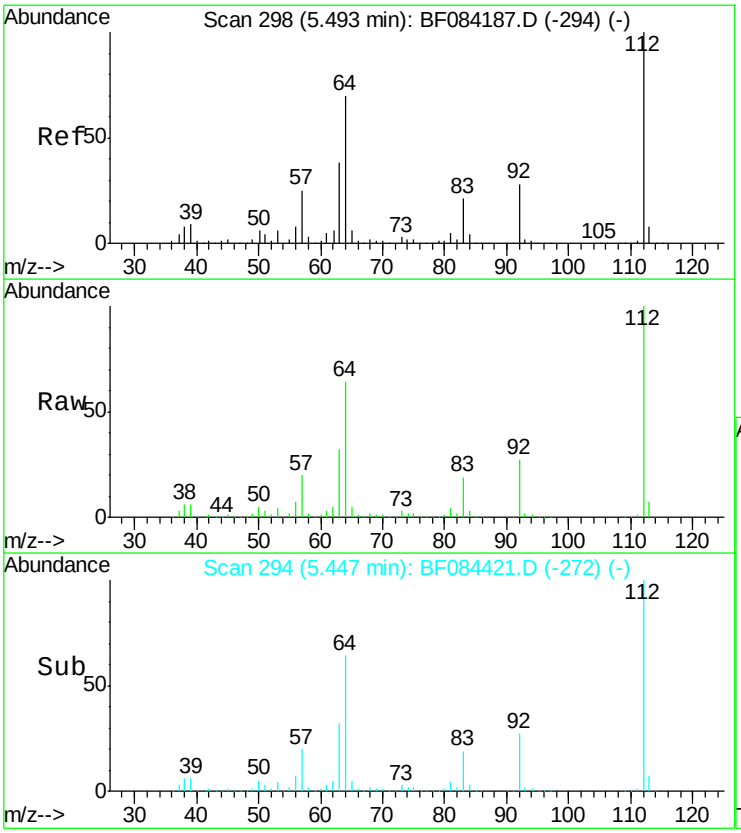
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:152 Resp: 277538

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.4
115	65.0	51.4	77.2

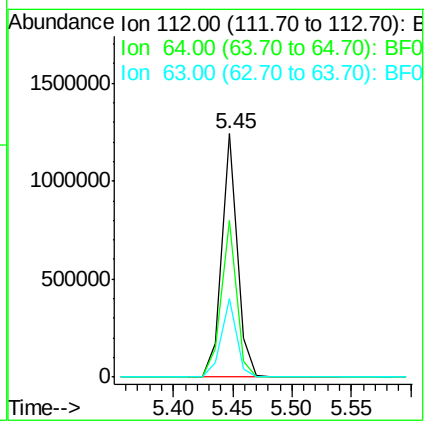


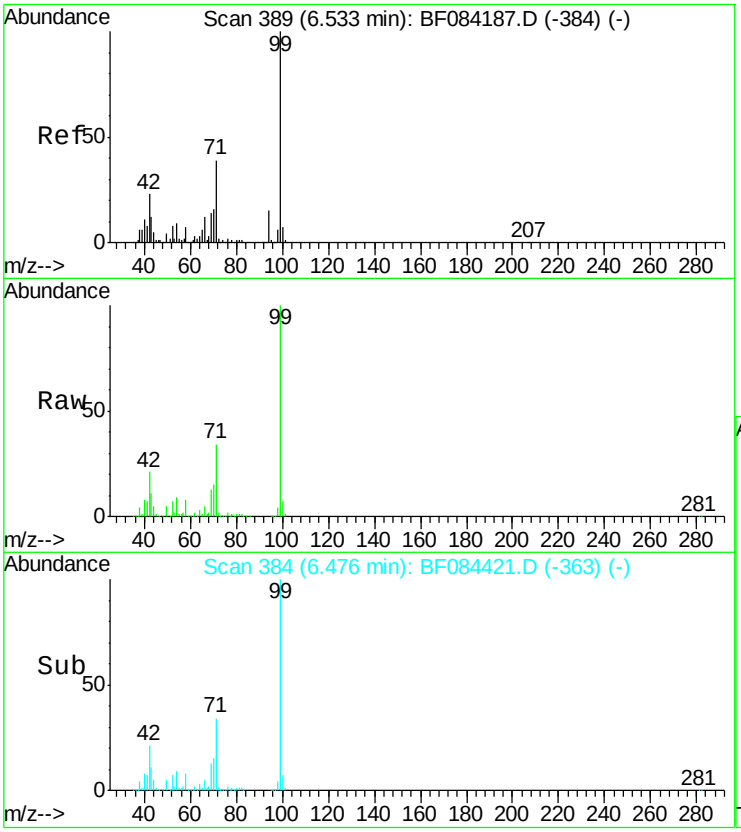


#5
2-Fluorophenol
Concen: 64.84 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion:112 Resp: 1112534

Ion	Ratio	Lower	Upper
112	100		
64	64.4	36.6	55.0#
63	32.4	19.4	29.0#



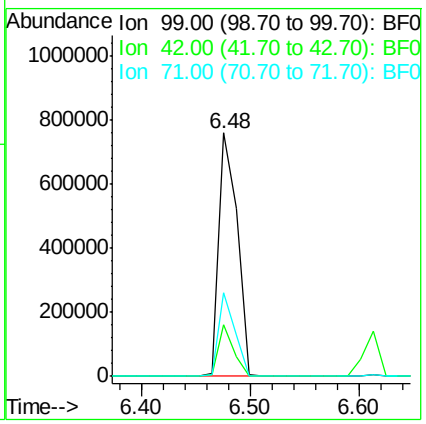


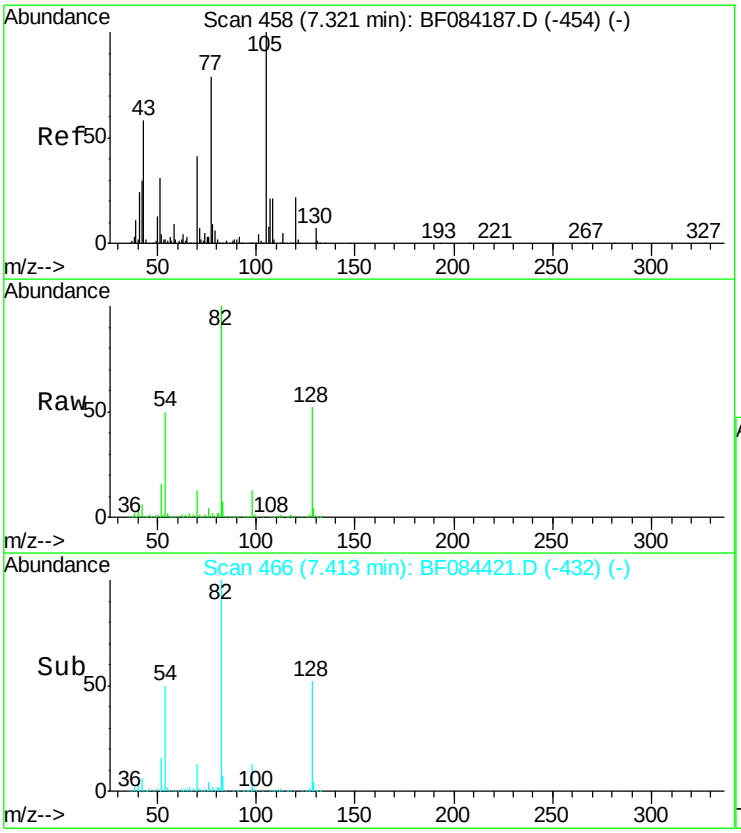
#7
Phenol-d6
Concen: 41.70 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.06 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion: 99 Resp: 898582

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	34.3	30.9	46.3

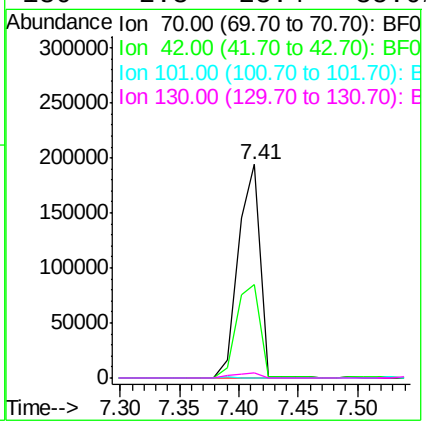


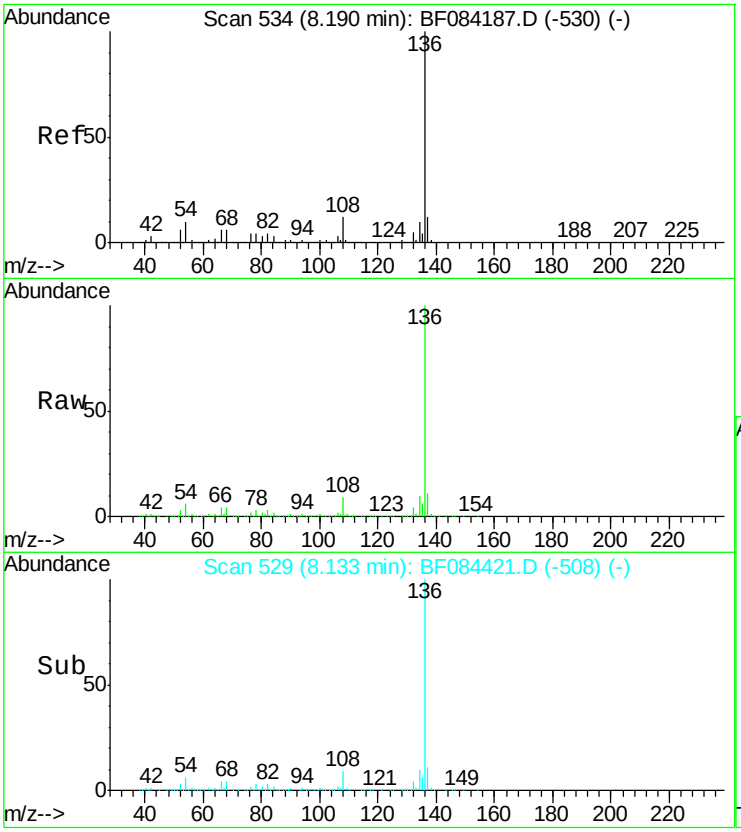


#19
n-Nitroso-di-n-propylamine
Concen: 16.79 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion: 70 Resp: 244968

Ion	Ratio	Lower	Upper
70	100		
42	43.7	33.3	49.9
101	0.0	9.3	13.9#
130	2.3	23.4	35.0#



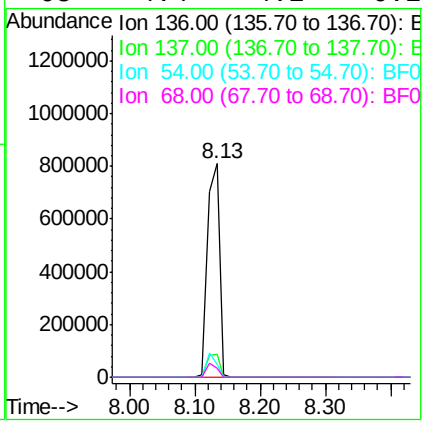


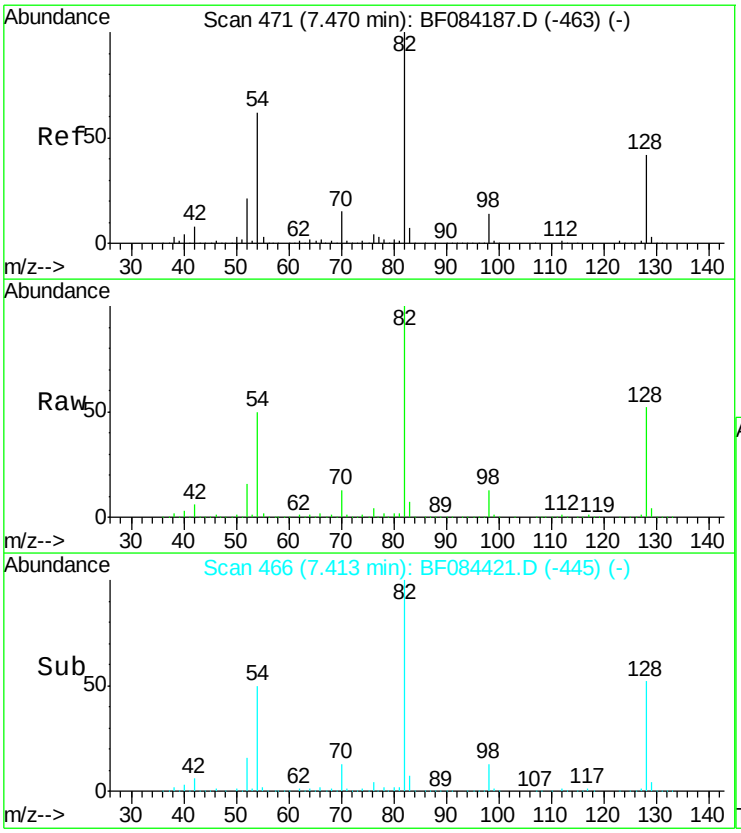
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:136 Resp: 1062613

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.1	5.8	8.8
68	4.4	4.2	6.2

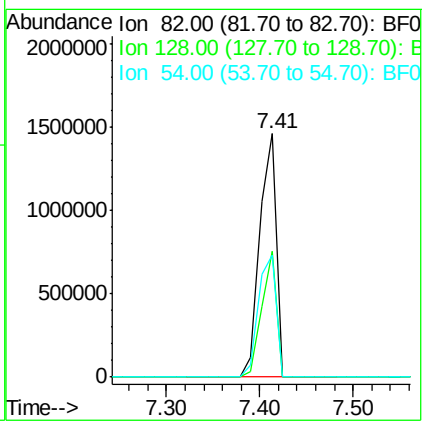


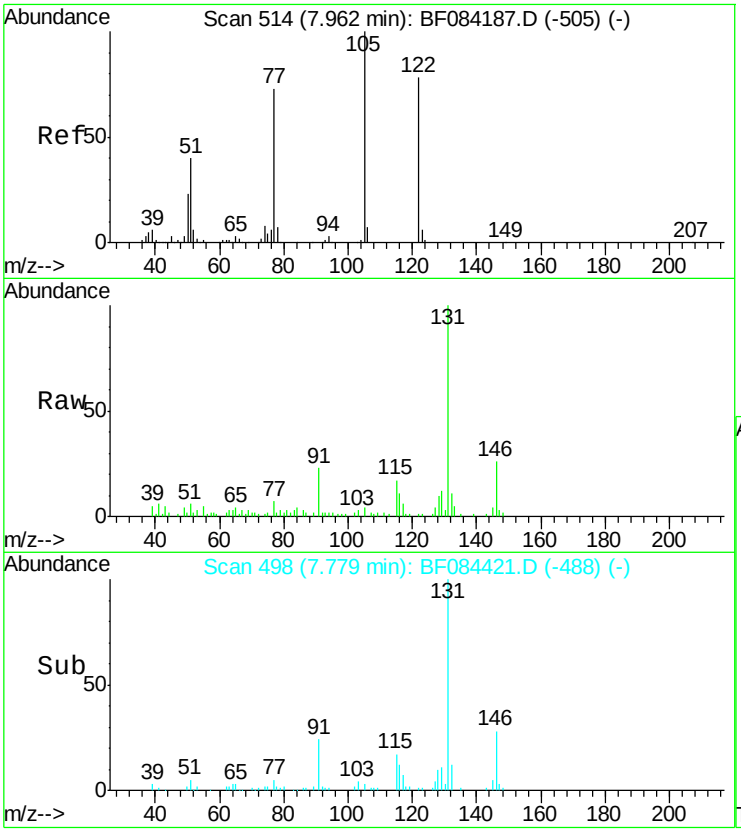


#23
Nitrobenzene-d5
Concen: 95.07 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion: 82 Resp: 1815183

Ion	Ratio	Lower	Upper
82	100		
128	51.7	34.6	51.8
54	50.3	38.4	57.6



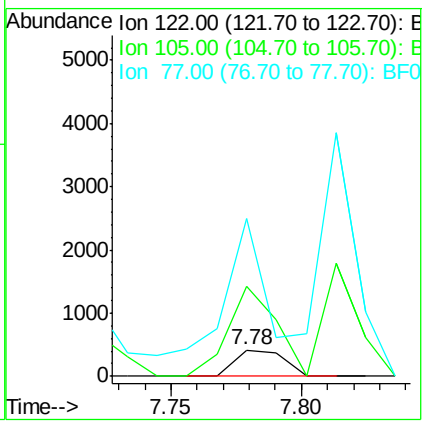


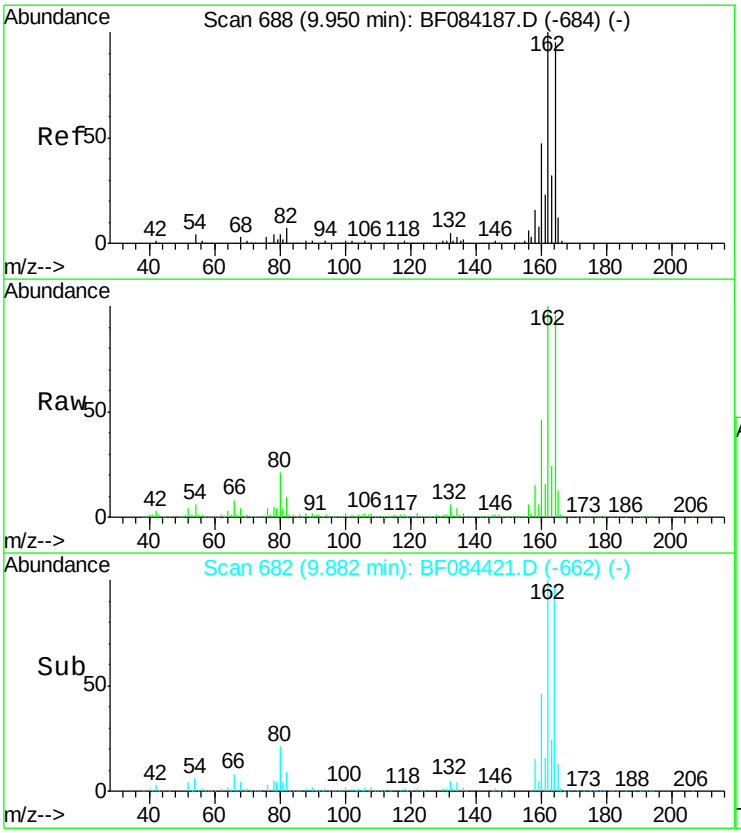
#32
Benzoic acid
Concen: 6.29 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.18 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:122 Resp: 540

Ion	Ratio	Lower	Upper
122	100		
105	344.2	100.3	140.3#
77	602.6	63.5	103.5#

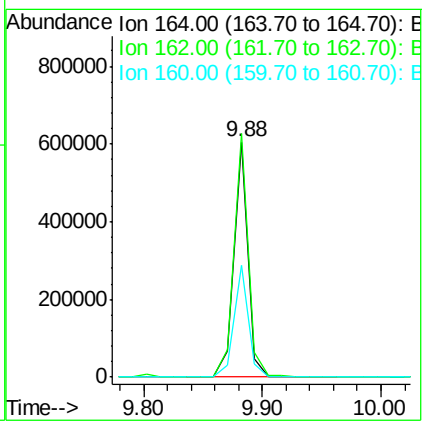


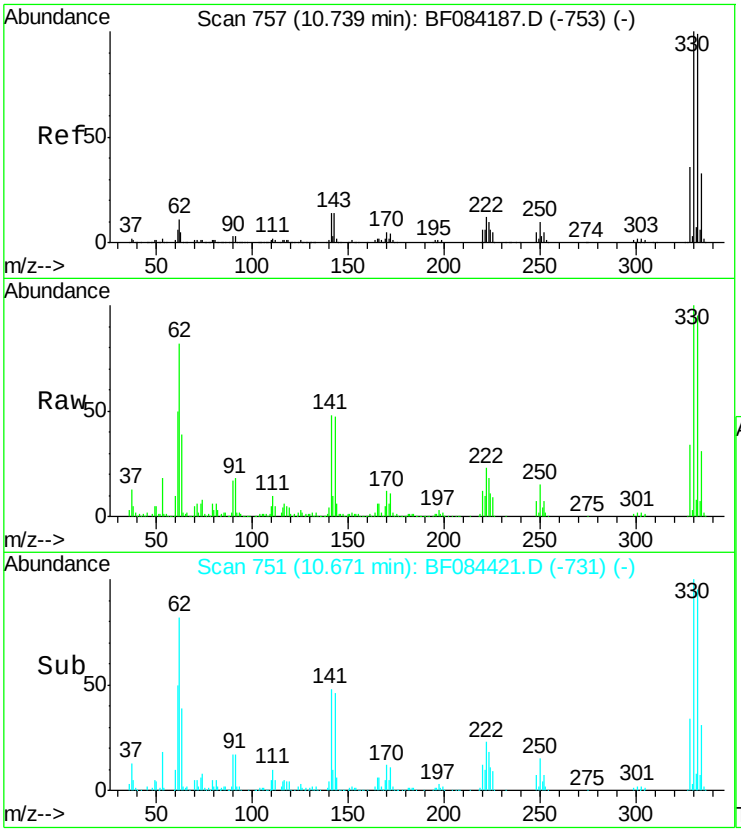


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion:164 Resp: 494125

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	47.8	37.5	56.3



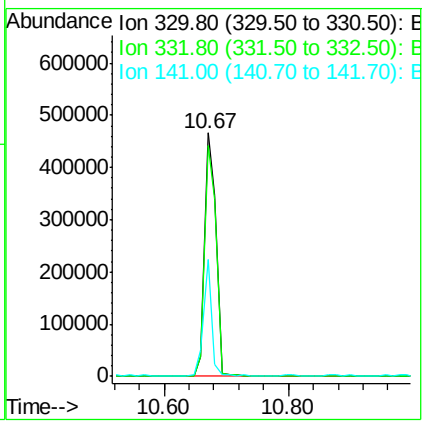


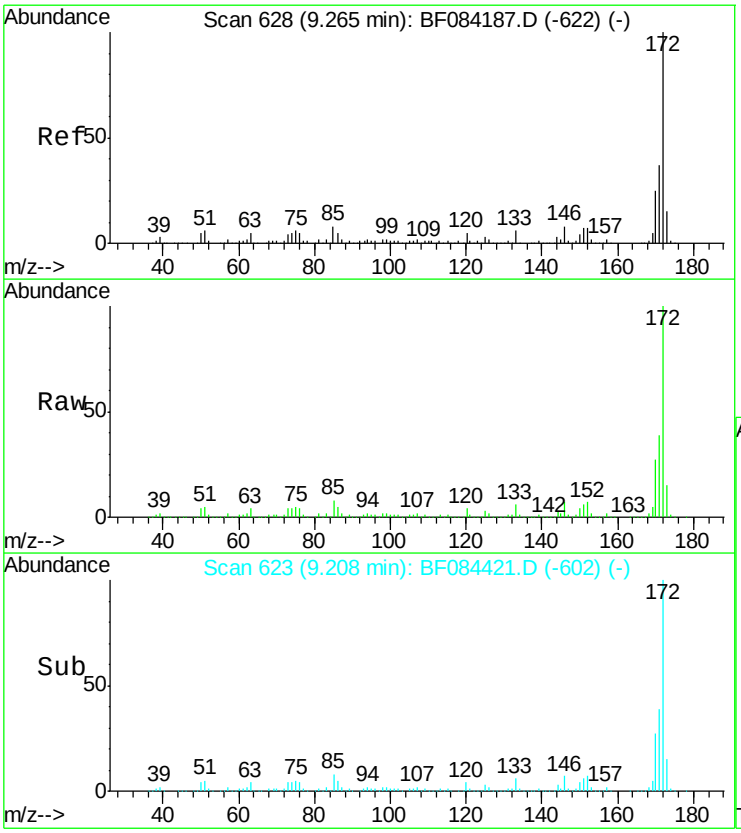
#41
2,4,6-Tribromophenol
Concen: 119.82 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.07 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:330 Resp: 597759

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	34.9	27.8	41.6

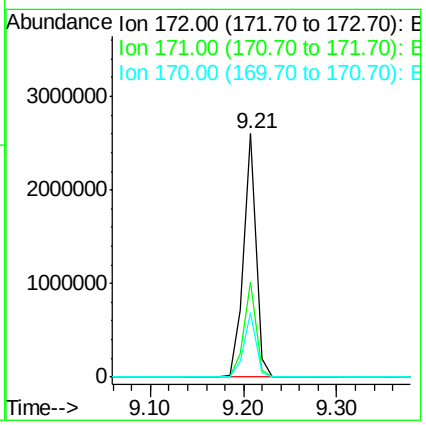


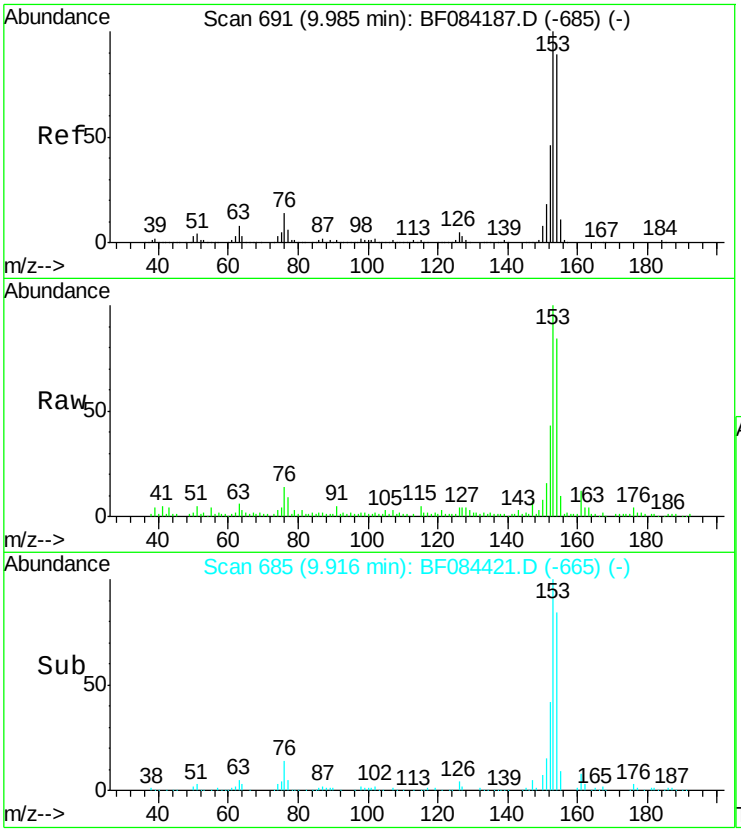


#44
2-Fluorobiphenyl
Concen: 86.63 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.06 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion:172 Resp: 2429945

Ion	Ratio	Lower	Upper
172	100		
171	39.1	28.9	43.3
170	26.5	18.6	27.8



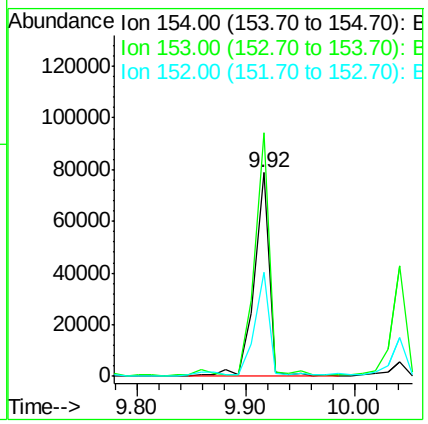


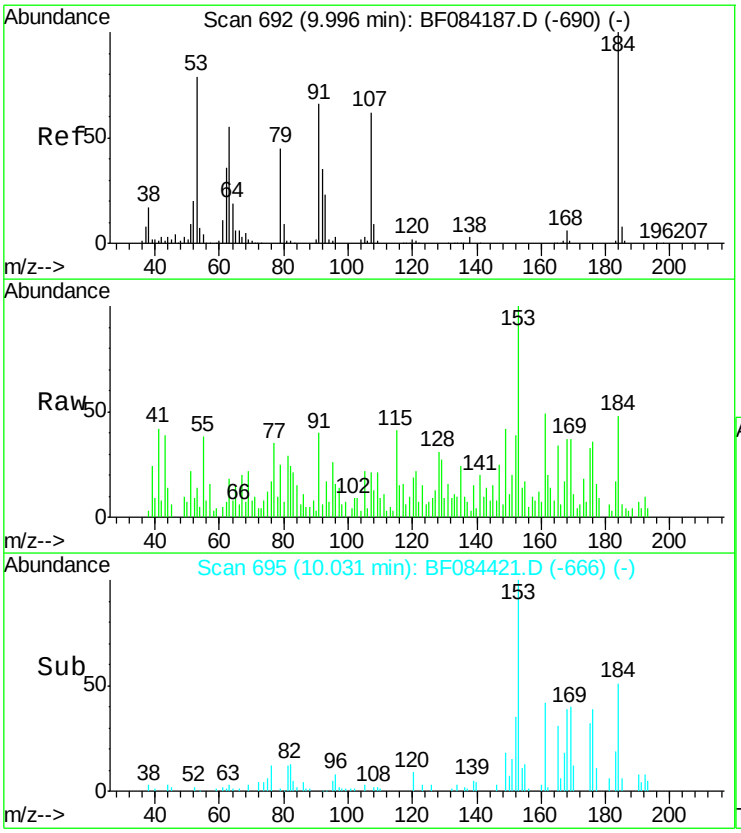
#51
Acenaphthene
Concen: 2.51 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.07 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:154 Resp: 76666

Ion	Ratio	Lower	Upper
154	100		
153	119.5	91.5	137.3
152	50.8	43.0	64.6

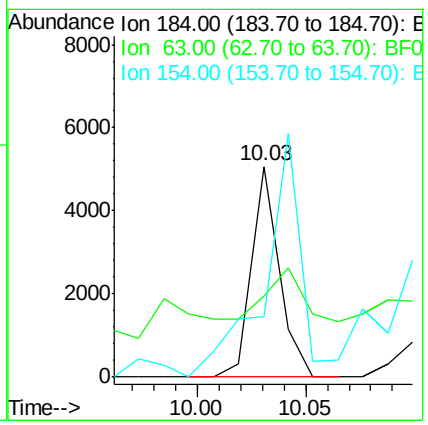


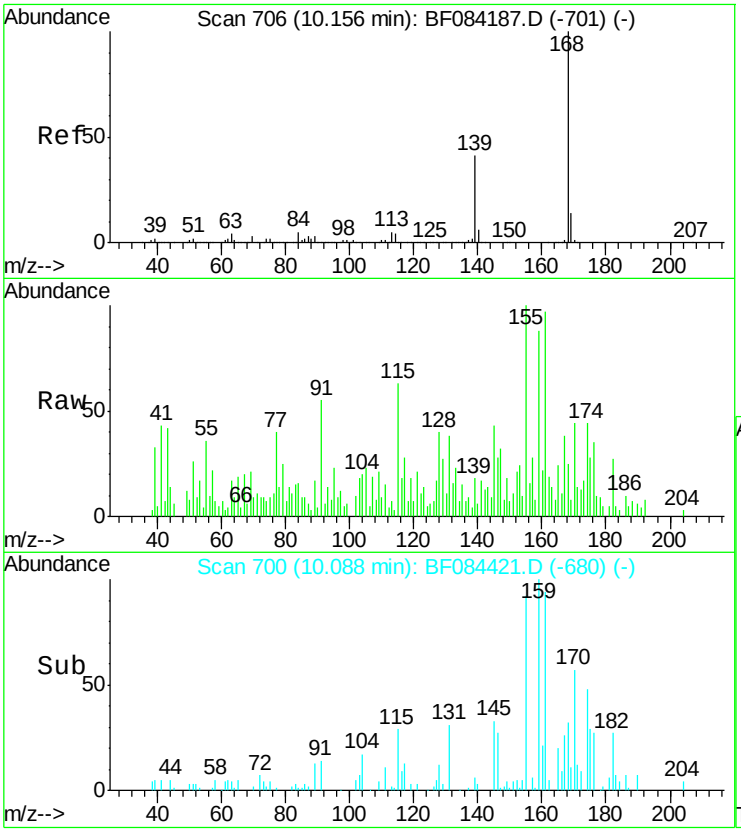


#53
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.03 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion:184 Resp: 4484

Ion	Ratio	Lower	Upper
184	100		
63	38.2	43.1	64.7#
154	28.5	60.5	90.7#



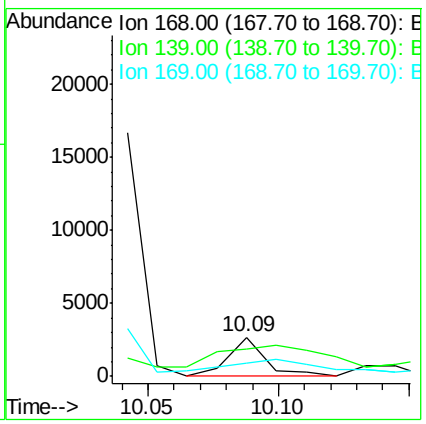


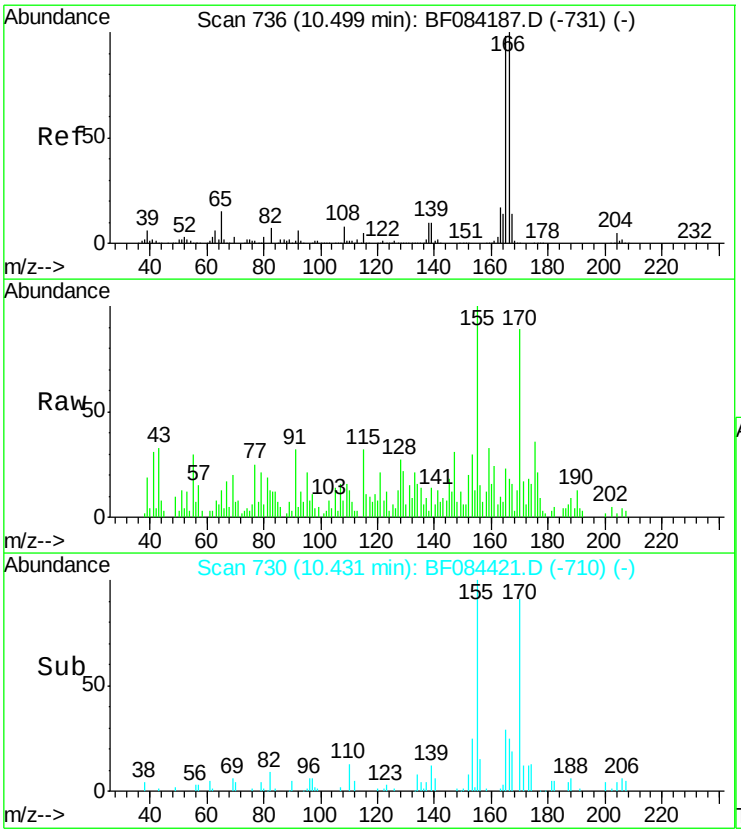
#54
Dibenzofuran
Concen: Below Cal
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:168 Resp: 2690

Ion	Ratio	Lower	Upper
168	100		
139	70.6	30.5	45.7#
169	33.4	10.4	15.6#

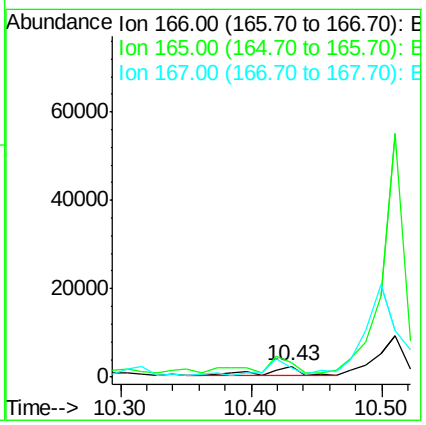


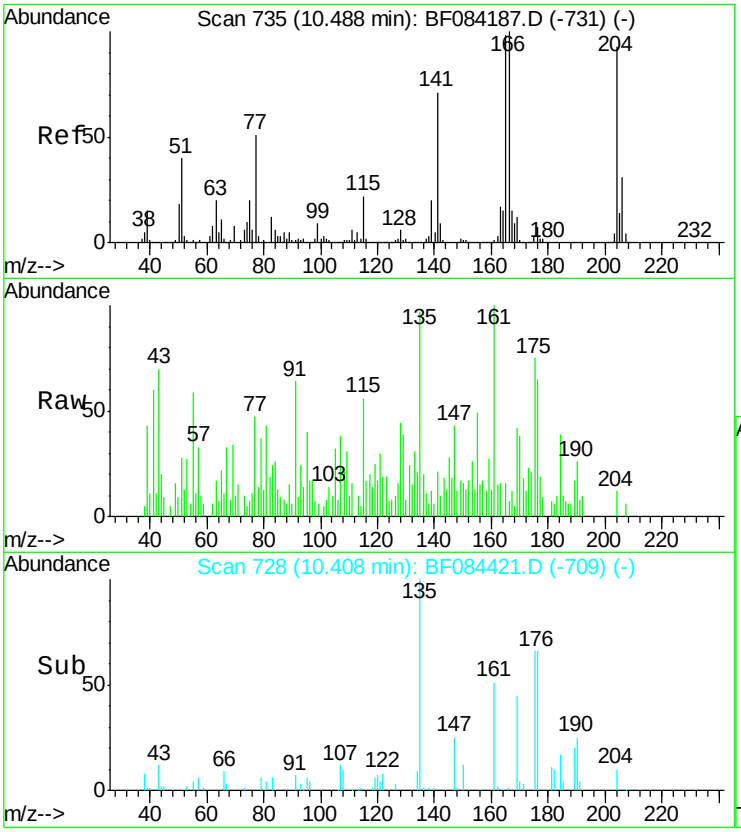


#57
Fluorene
Concen: Below Cal
RT: 10.43 min Scan# 730
Delta R.T. -0.07 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion:166 Resp: 4083

Ion	Ratio	Lower	Upper
166	100		
165	126.4	79.1	118.7#
167	85.3	10.4	15.6#



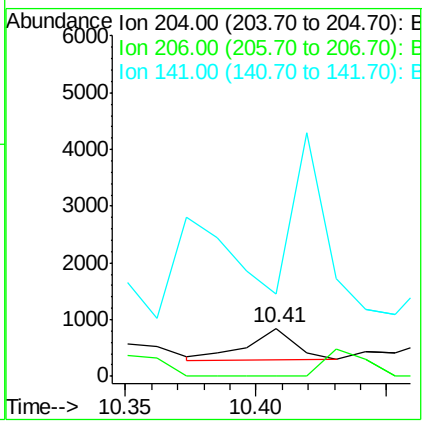


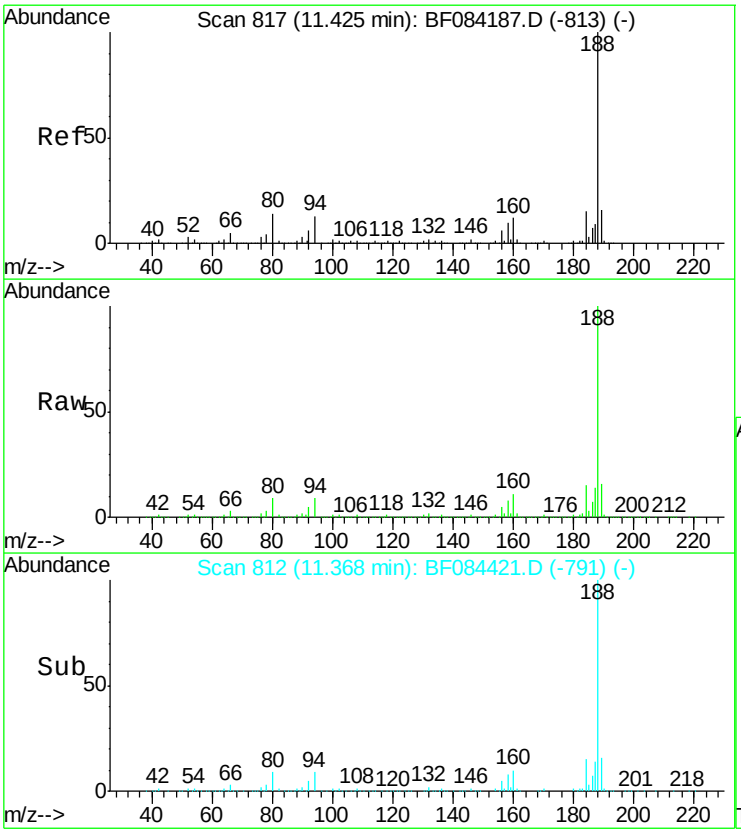
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.41 min Scan# 728
Delta R.T. -0.08 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:204 Resp: 684

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	171.6	55.1	82.7#

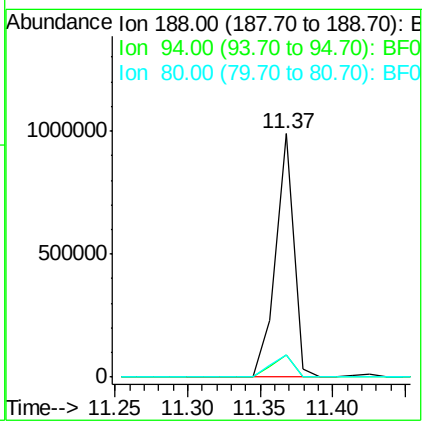


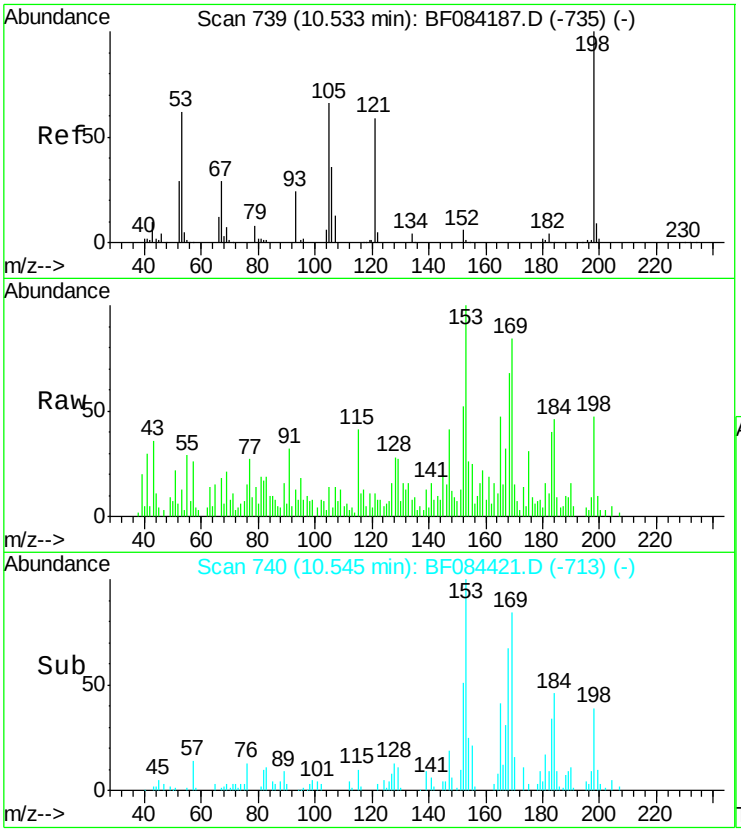


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion:188 Resp: 861720

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.1	9.6	14.4#



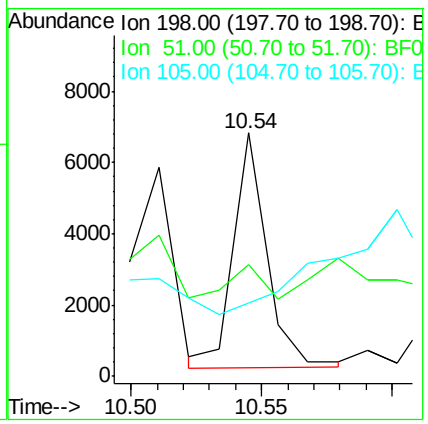


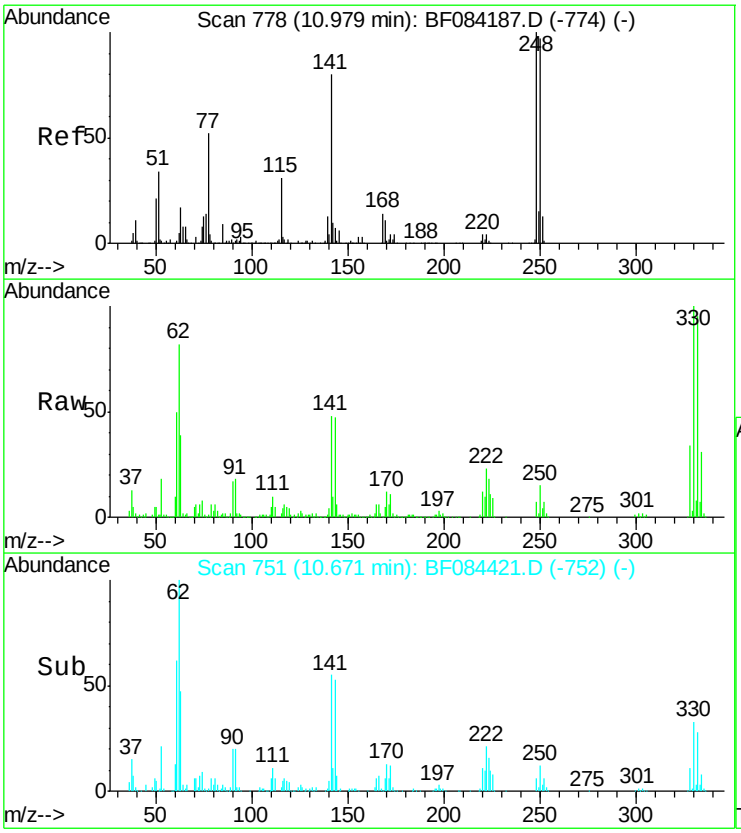
#64
4,6-Dinitro-2-methylphenol
Concen: 7.24 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:198 Resp: 5888

Ion	Ratio	Lower	Upper
198	100		
51	45.9	18.9	58.9
105	30.1	26.4	66.4

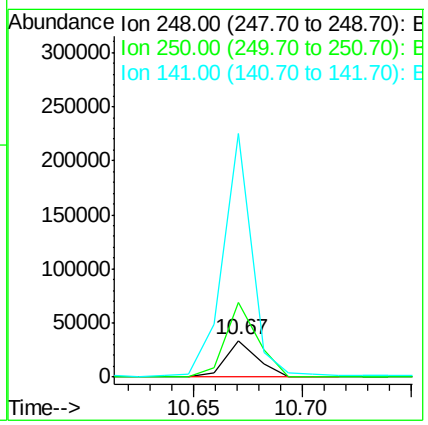


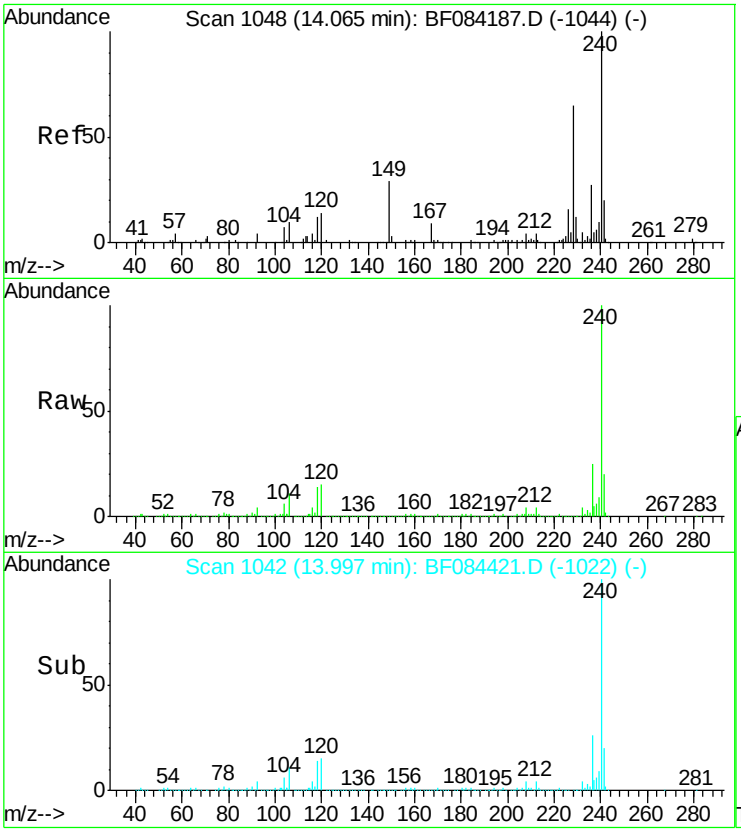


#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.31 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion:248 Resp: 34558

Ion	Ratio	Lower	Upper
248	100		
250	204.2	78.4	117.6#
141	662.6	44.0	66.0#



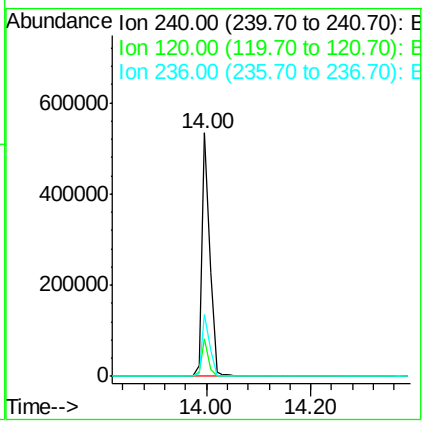


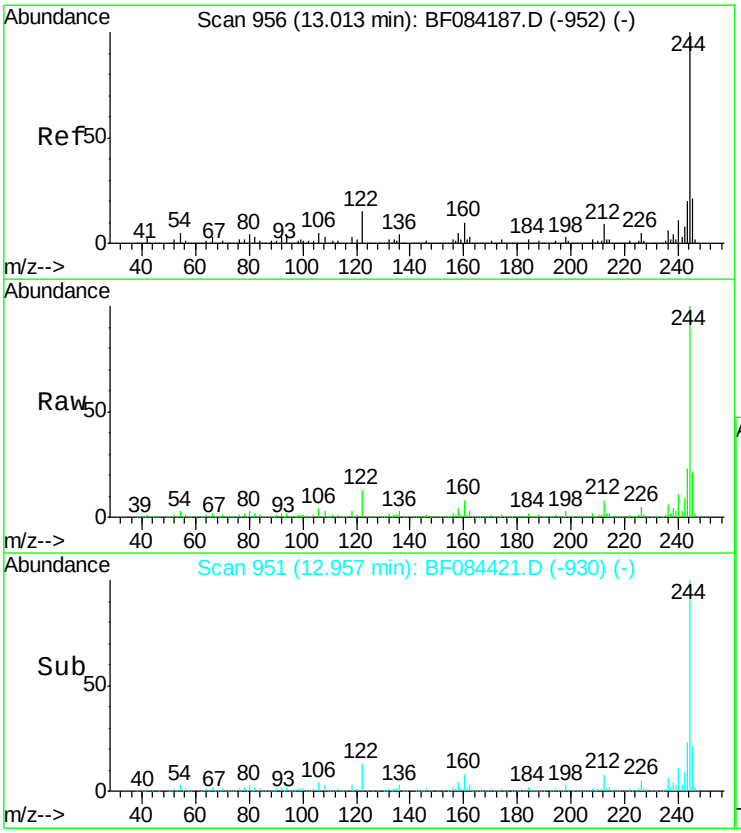
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:240 Resp: 557378

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	25.5	20.6	31.0

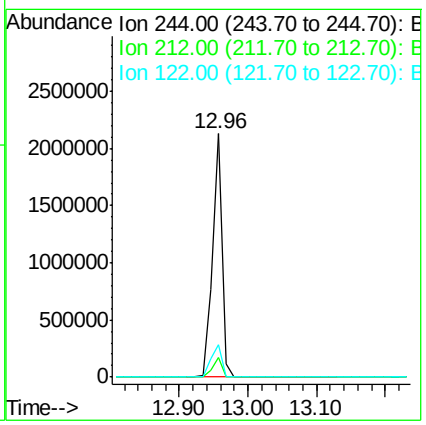


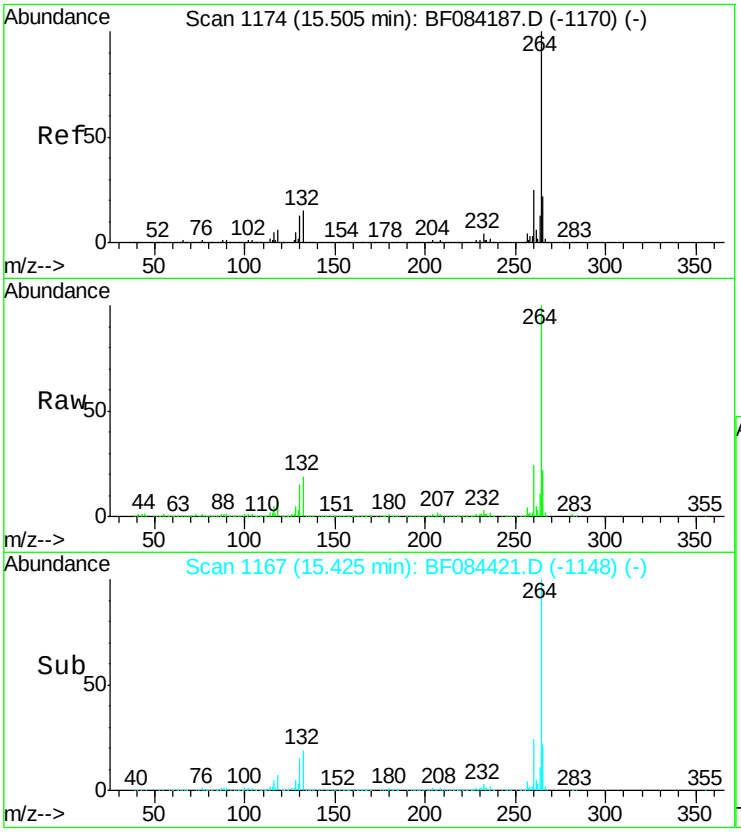


#78
Terphenyl-d14
Concen: 83.59 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084421.D
Acq: 12 Jan 2016 20:24

Tgt Ion:244 Resp: 2087344

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	13.2	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: BF084421.D
Acq: 12 Jan 2016 20:24

Instrument :
BNA_F
ClientSampleId :
MW35

Tgt Ion:264 Resp: 487271

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.9	17.8	26.6