Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
Data File : BF084320.D
Acq On : 8 Jan 2016 1:33
Operator : SJ/UM
Sample : H1028-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT003

Quant Time: Jan 08 04:45:19 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	242066	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1014060	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	469004	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	853306	20.00	ng		-0.03
75) Chrysene-d12	14.02	240	642568	20.00	ng		-0.05
86) Perylene-d12	15.45	264	504680	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1693807	113.18	ng		-0.01
7) Phenol-d6	6.51	99	1927022	102.52	ng		-0.02
23) Nitrobenzene-d5	7.44	82	1519701	83.41	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	472879	99.87	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	2005520	74.44	ng		-0.03
78) Terphenyl-d14	12.98	244	2014896	69.99	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	213474	16.78	ng	#	73
49) Dimethylphthalate	9.62	163	271515	8.10	ng	#	92
53) 2,4-Dinitrophenol	10.19	184	331	3.66	ng	#	17
54) Dibenzofuran	10.11	168	9325	Below Cal		#	95
56) 2,4-Dinitrotoluene	9.90	165	65364	7.02	ng	#	22
57) Fluorene	10.45	166	11968	Below Cal			92
60) 4-Chlorophenyl-phenylether	10.27	204	537	Below Cal		#	8
64) 4,6-Dinitro-2-methylphenol	10.65	198	247	6.46	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	30405	3.31	ng	#	1
70) Phenanthrene	11.41	178	150324	3.37	ng		100
73) Di-n-butylphthalate	11.95	149	13709	Below Cal		#	95
74) Fluoranthene	12.60	202	206294	4.42	ng		91
77) Pyrene	12.82	202	209536	4.16	ng		98
80) Benzo(a)anthracene	14.01	228	102285	2.71	ng		98
82) Chrysene	14.01	228	102285	2.82	ng		95
87) Benzo(b)fluoranthene	15.04	252	100861	3.06	ng	#	90
88) Benzo(k)fluoranthene	15.04	252	100861	3.74	ng		95

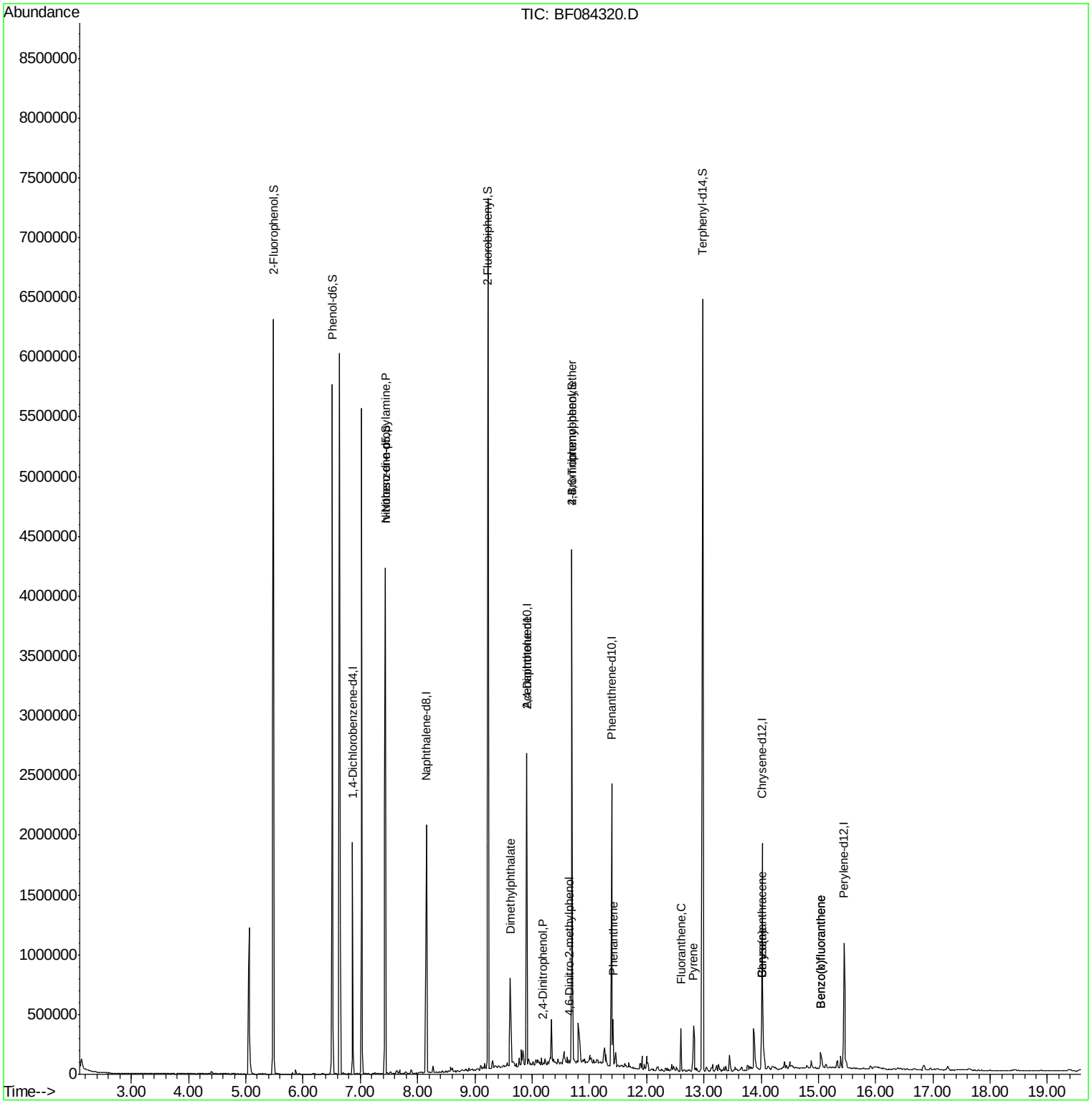
(#) = qualifier out of range (m) = manual integration (+) = signals summed

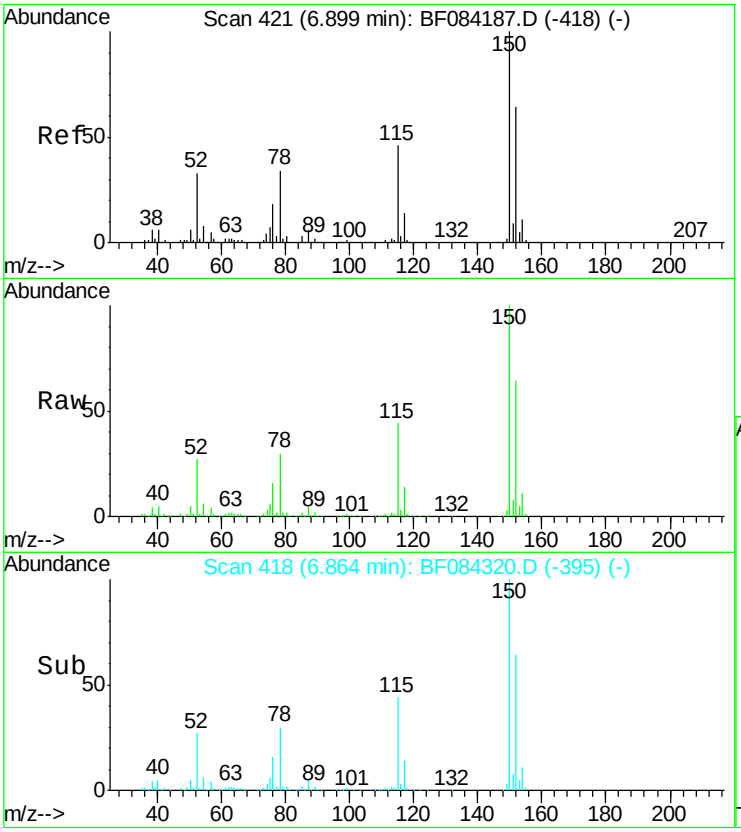
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
Data File : BF084320.D
Acq On : 8 Jan 2016 1:33
Operator : SJ/UM
Sample : H1028-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT003

Quant Time: Jan 08 04:45:19 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



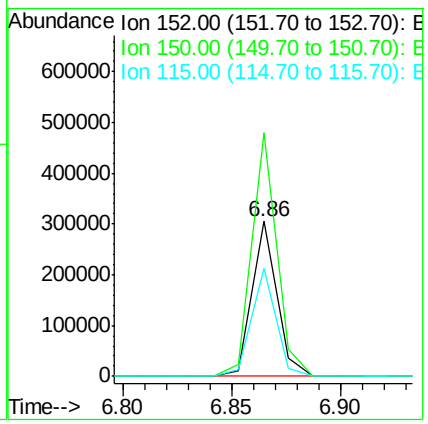


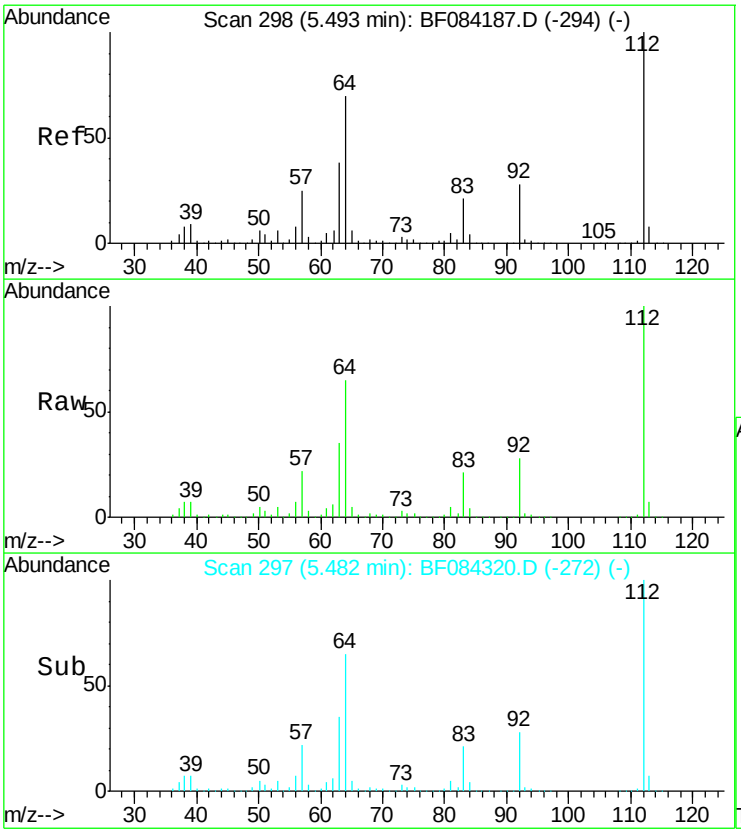
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:152 Resp: 242066

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.4
115	69.4	51.4	77.2

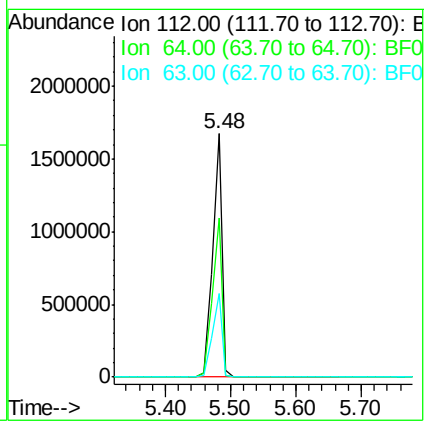


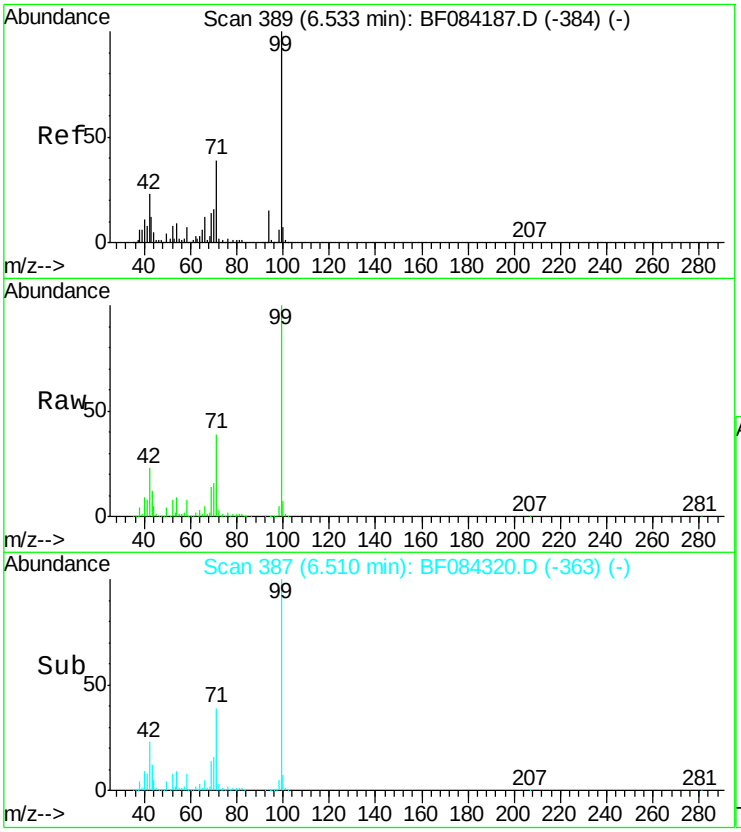


#5
2-Fluorophenol
Concen: 113.18 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:112 Resp: 1693807

Ion	Ratio	Lower	Upper
112	100		
64	65.4	36.6	55.0#
63	34.6	19.4	29.0#



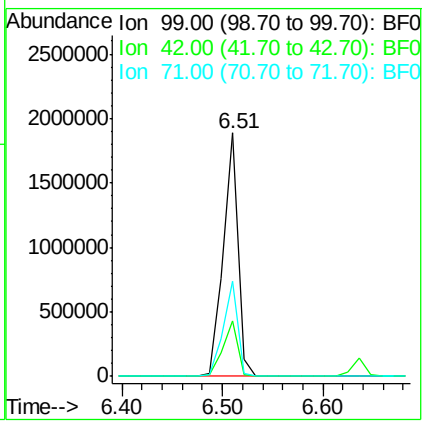


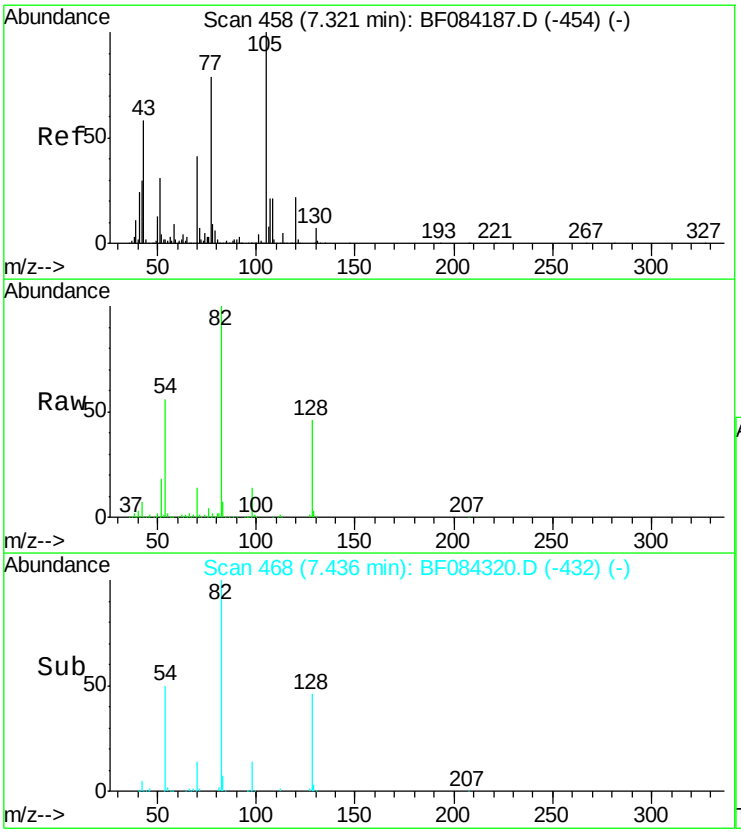
#7
Phenol-d6
Concen: 102.52 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion: 99 Resp: 1927022

Ion	Ratio	Lower	Upper
99	100		
42	22.6	12.8	19.2#
71	38.9	30.9	46.3

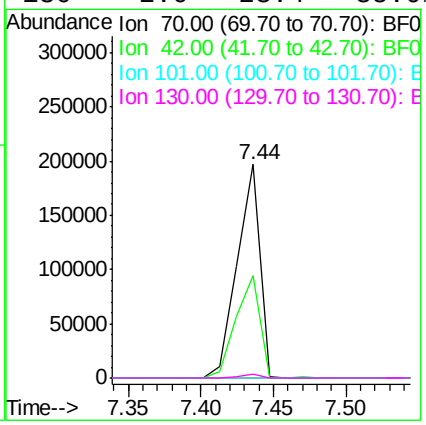


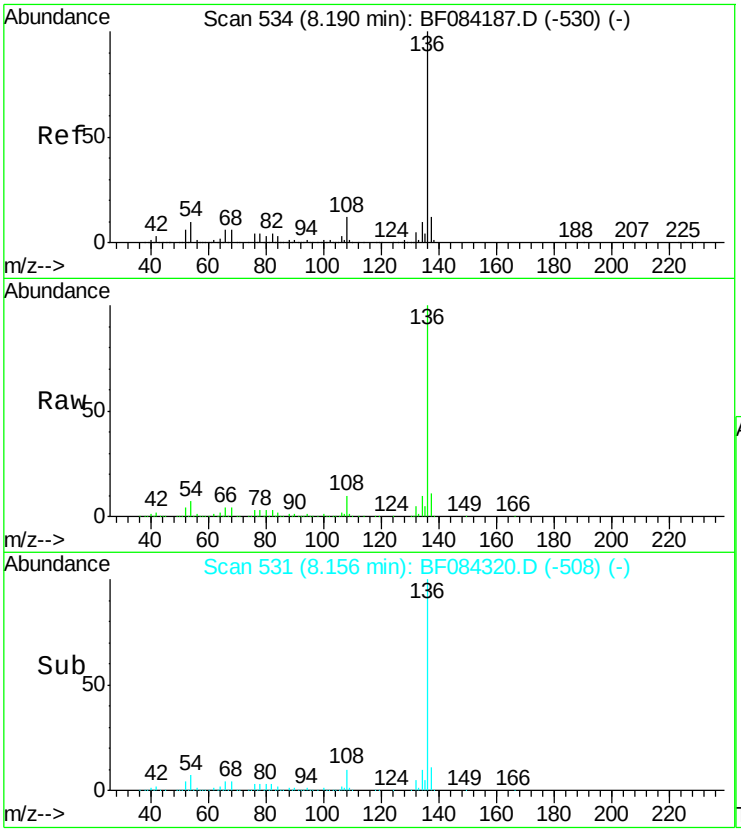


#19
n-Nitroso-di-n-propylamine
Concen: 16.78 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion: 70 Resp: 213474

Ion	Ratio	Lower	Upper
70	100		
42	47.8	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



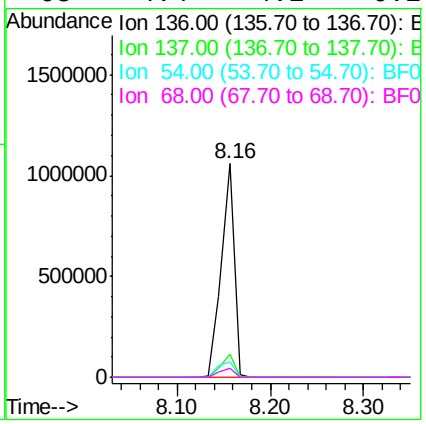


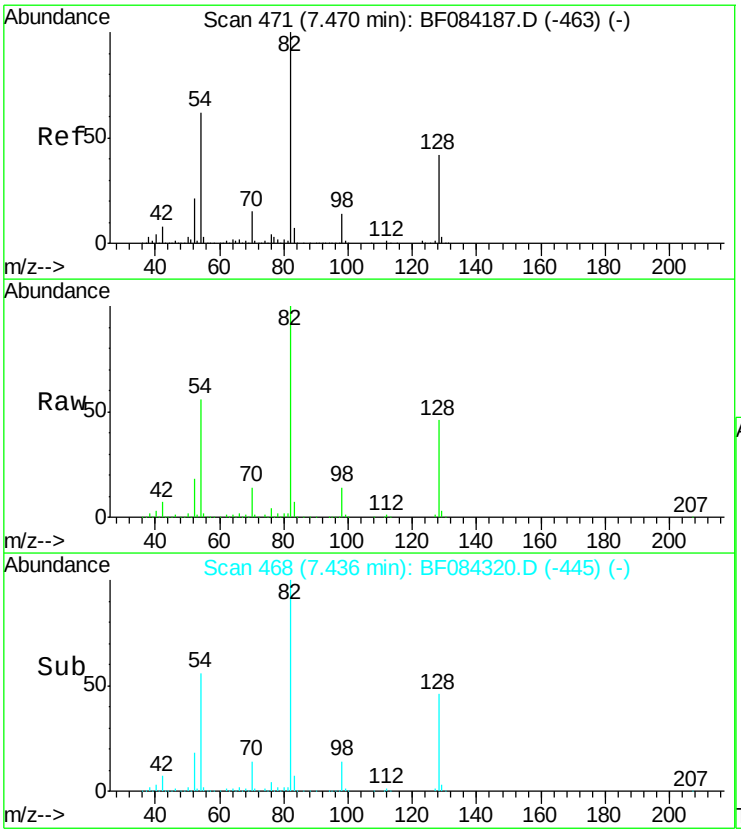
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:136 Resp: 1014060

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.4	5.8	8.8
68	4.4	4.2	6.2

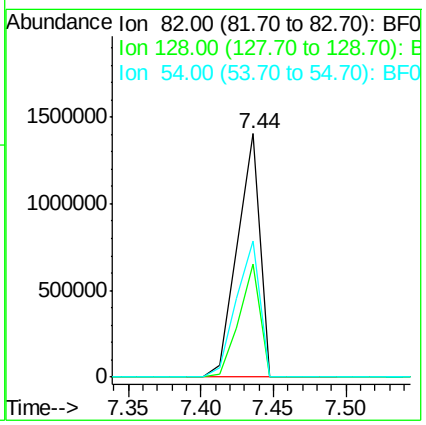


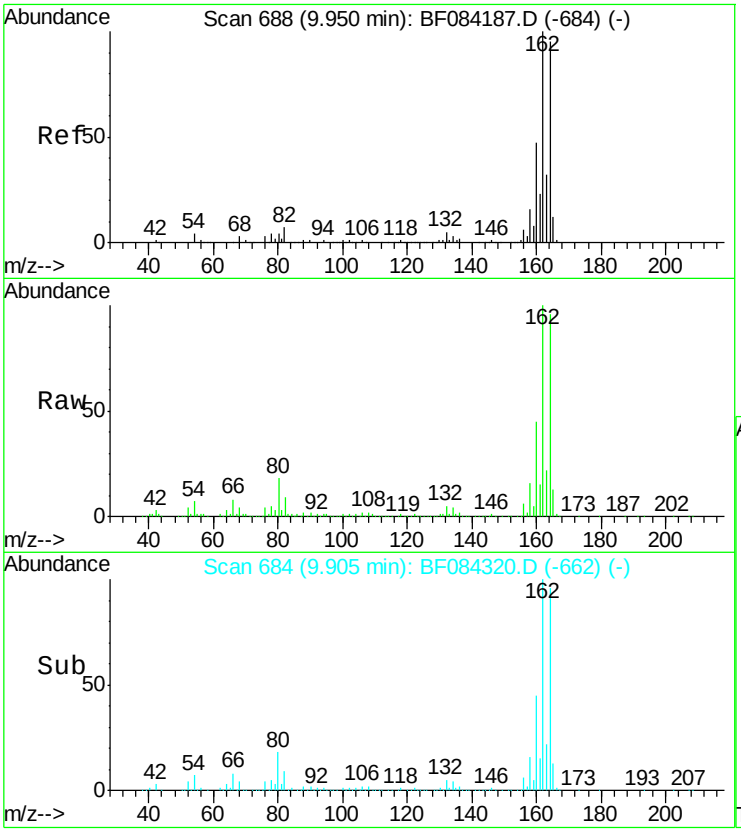


#23
Nitrobenzene-d5
Concen: 83.41 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion: 82 Resp: 1519701

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	51.8
54	56.1	38.4	57.6



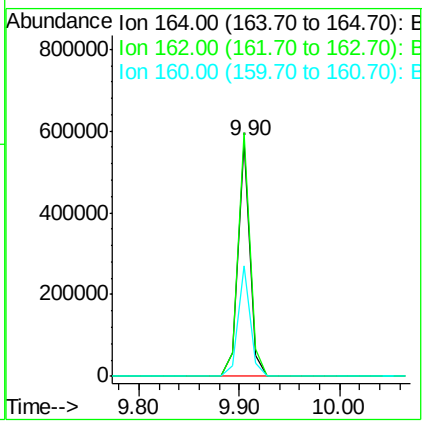


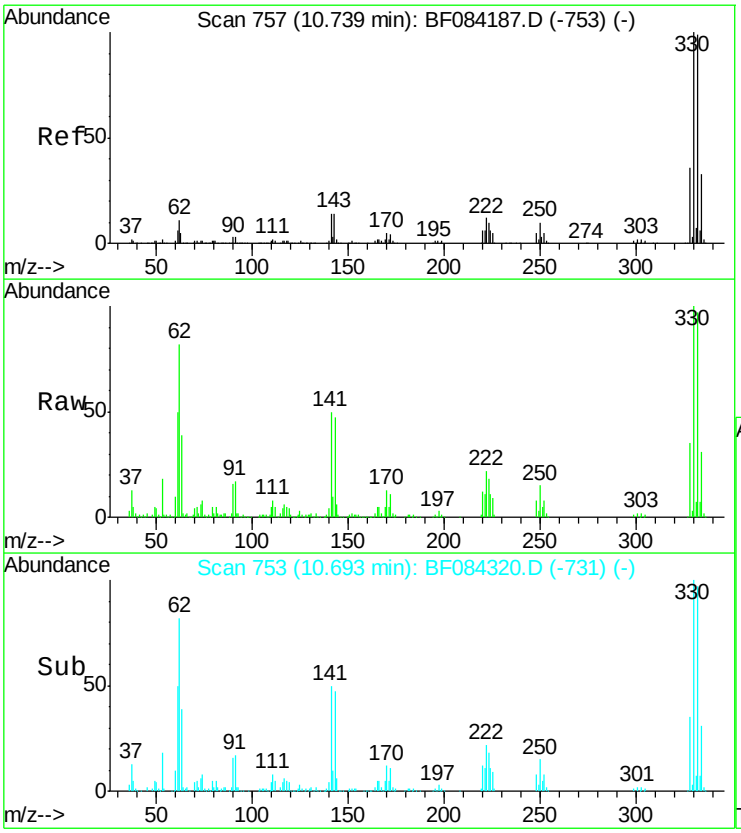
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:164 Resp: 469004

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	46.9	37.5	56.3

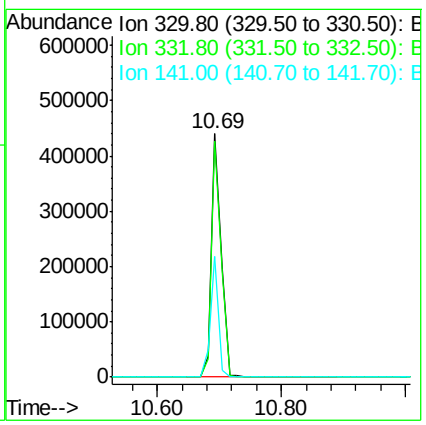


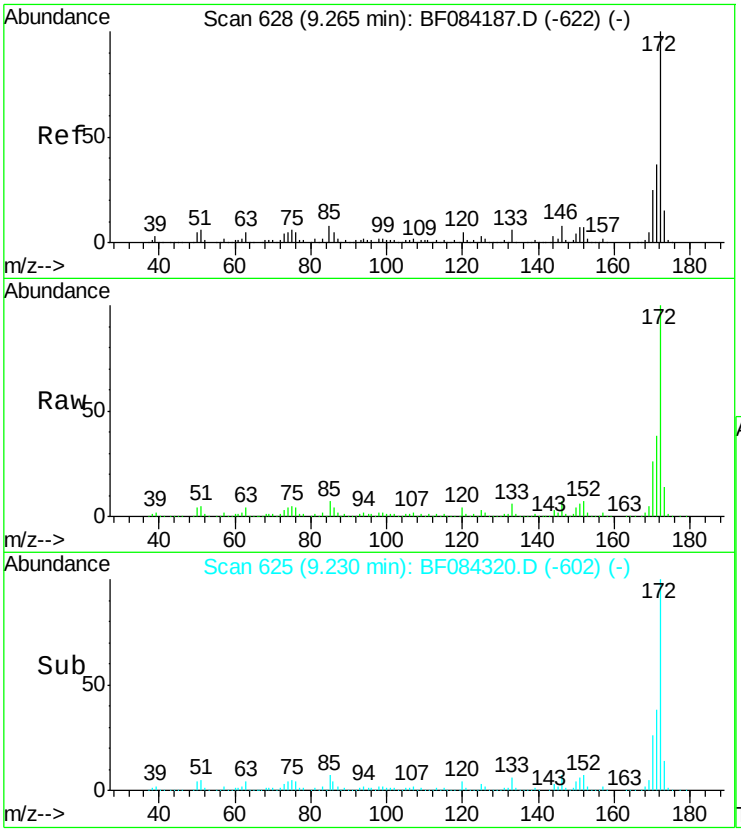


#41
2,4,6-Tribromophenol
Concen: 99.87 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:330 Resp: 472879

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	41.5	27.8	41.6



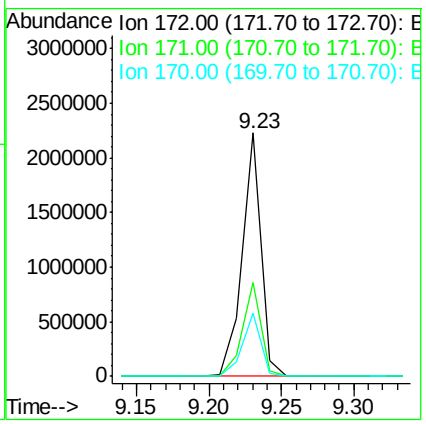


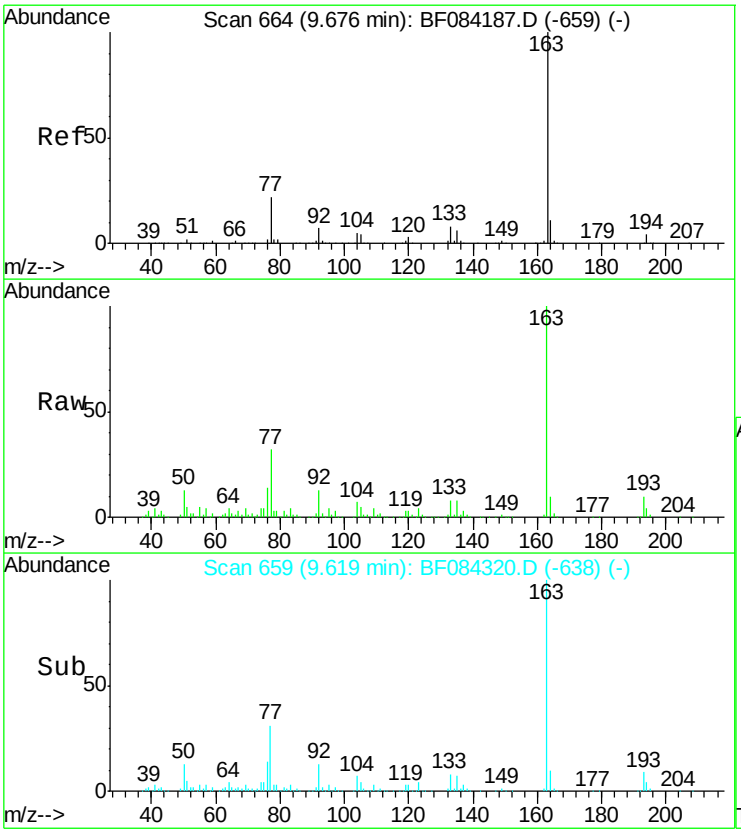
#44
2-Fluorobiphenyl
Concen: 74.44 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:172 Resp: 2005520

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	26.1	18.6	27.8

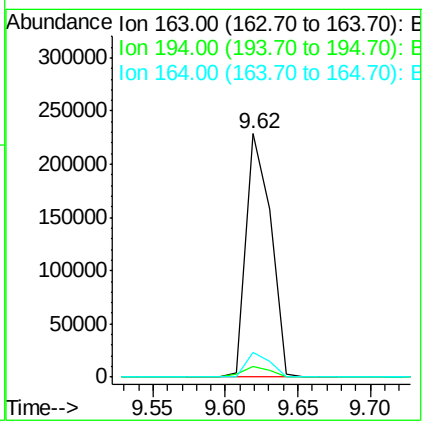


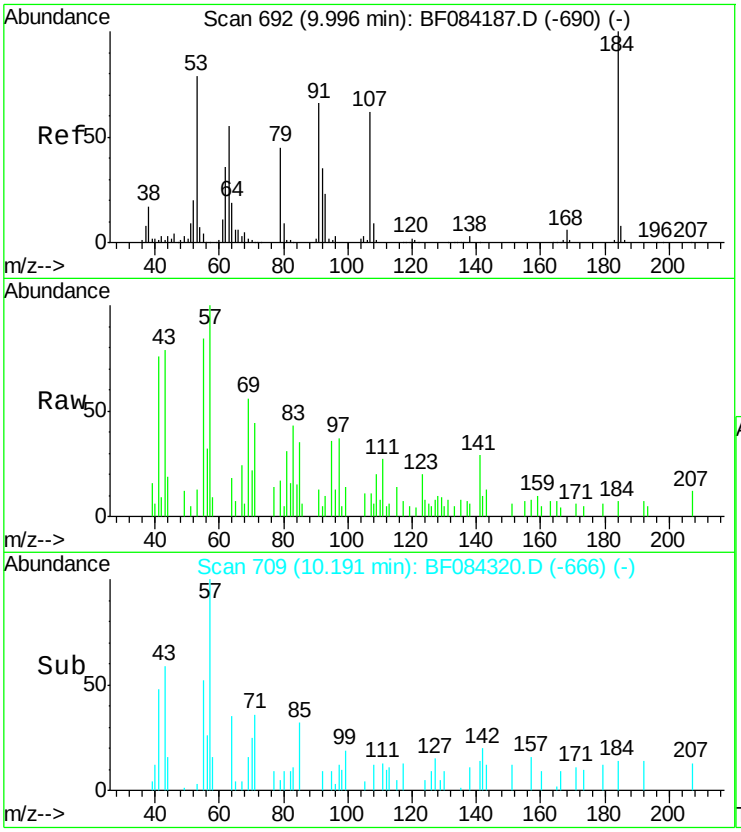


#49
Dimethylphthalate
Concen: 8.10 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:163 Resp: 271515

Ion	Ratio	Lower	Upper
163	100		
194	4.3	8.0	12.0#
164	10.3	8.0	12.0



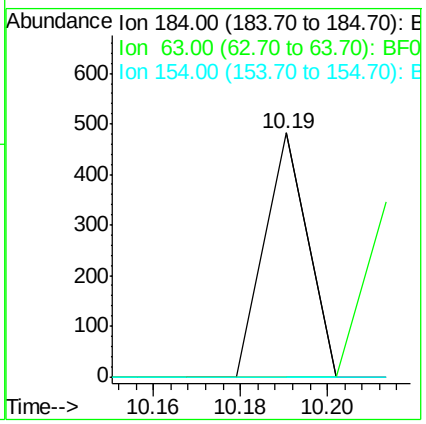


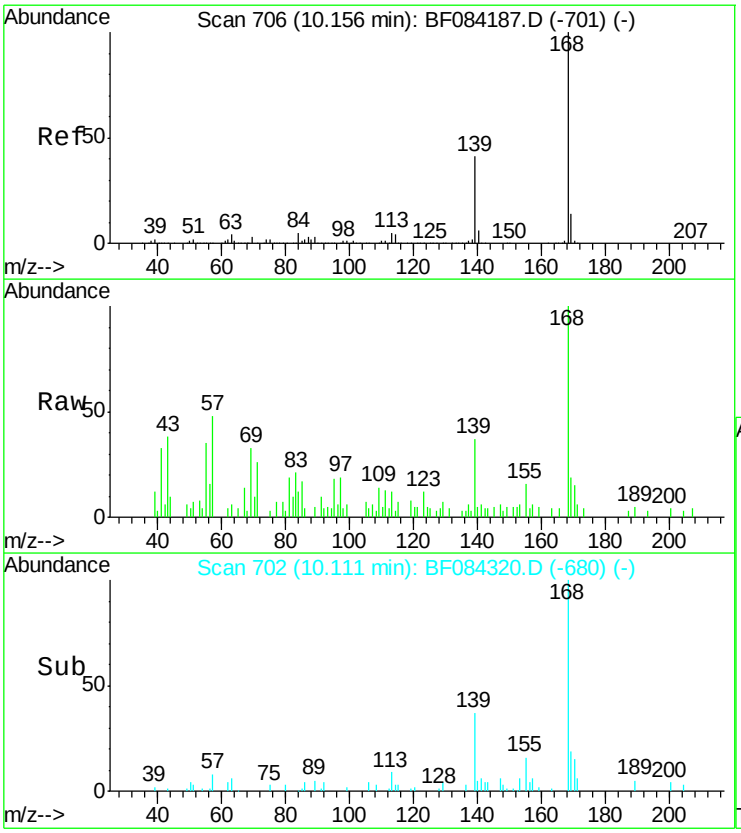
#53
2,4-Dinitrophenol
Concen: 3.66 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.19 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument : BNA_F
ClientSampleId : BT003

Tgt Ion:184 Resp: 331

Ion	Ratio	Lower	Upper
184	100		
63	0.0	43.1	64.7#
154	0.0	60.5	90.7#

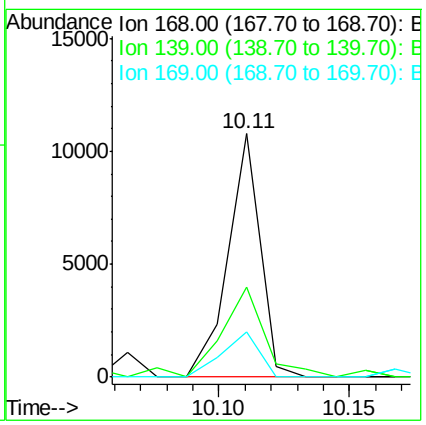


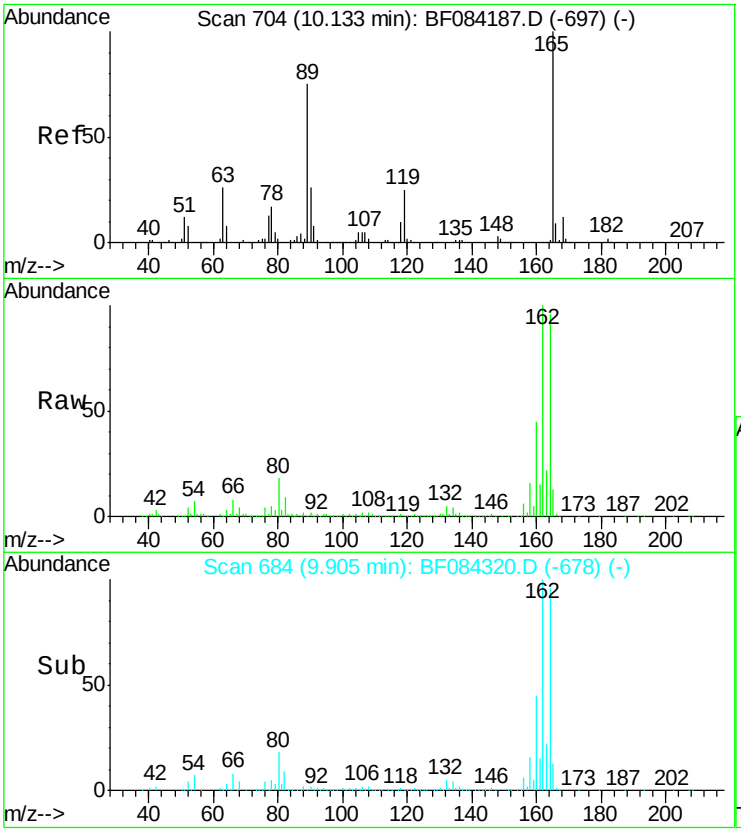


#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:168 Resp: 9325

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.5	45.7
169	18.7	10.4	15.6#



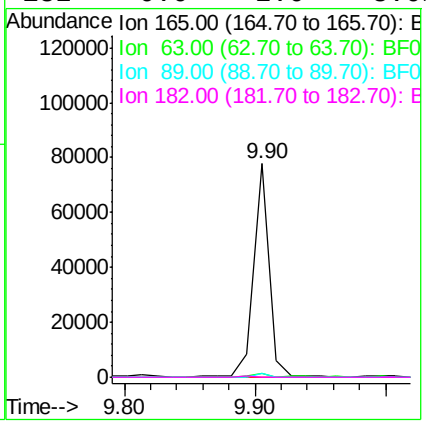


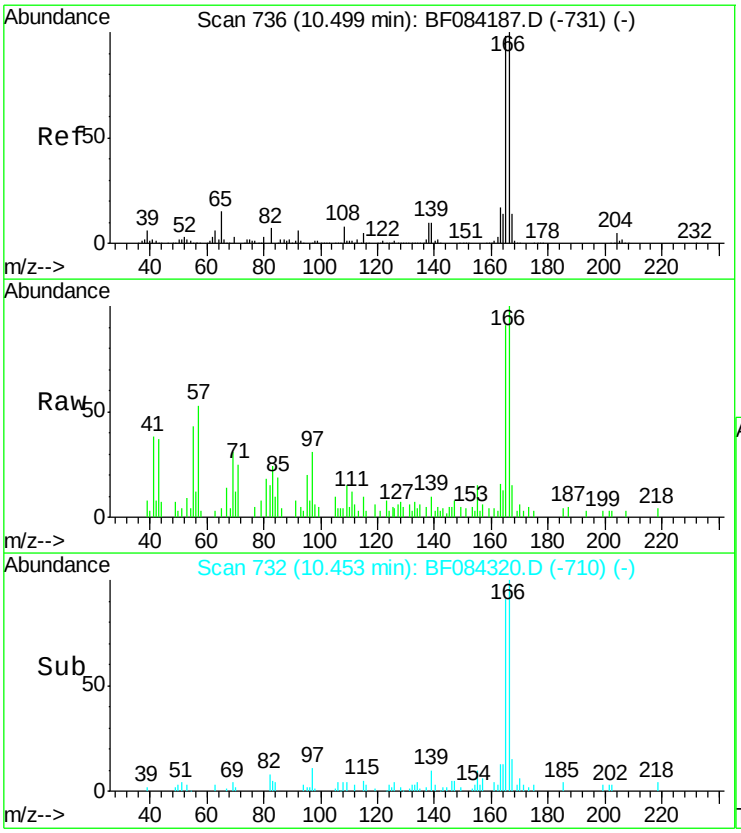
#56
2,4-Dinitrotoluene
Concen: 7.02 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:165 Resp: 65364

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

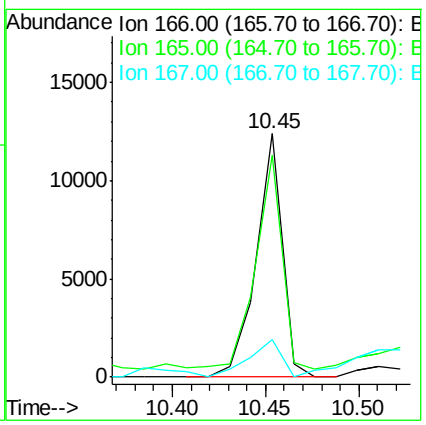


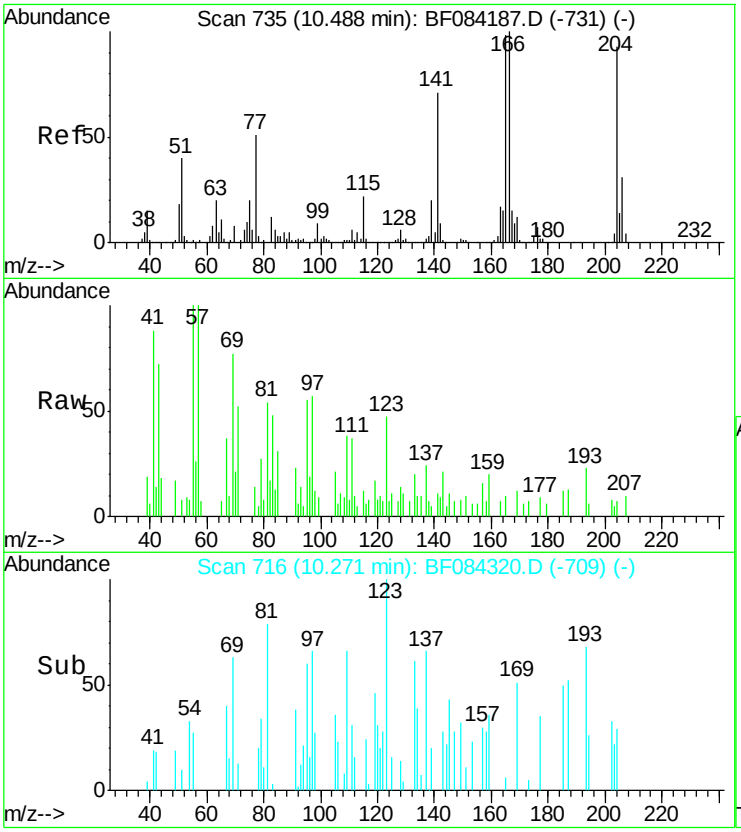


#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:166 Resp: 11968

Ion	Ratio	Lower	Upper
166	100		
165	91.0	79.1	118.7
167	15.3	10.4	15.6



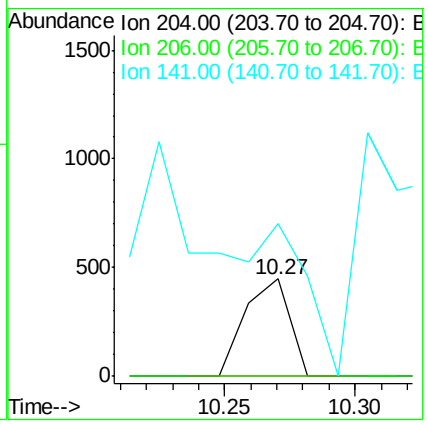


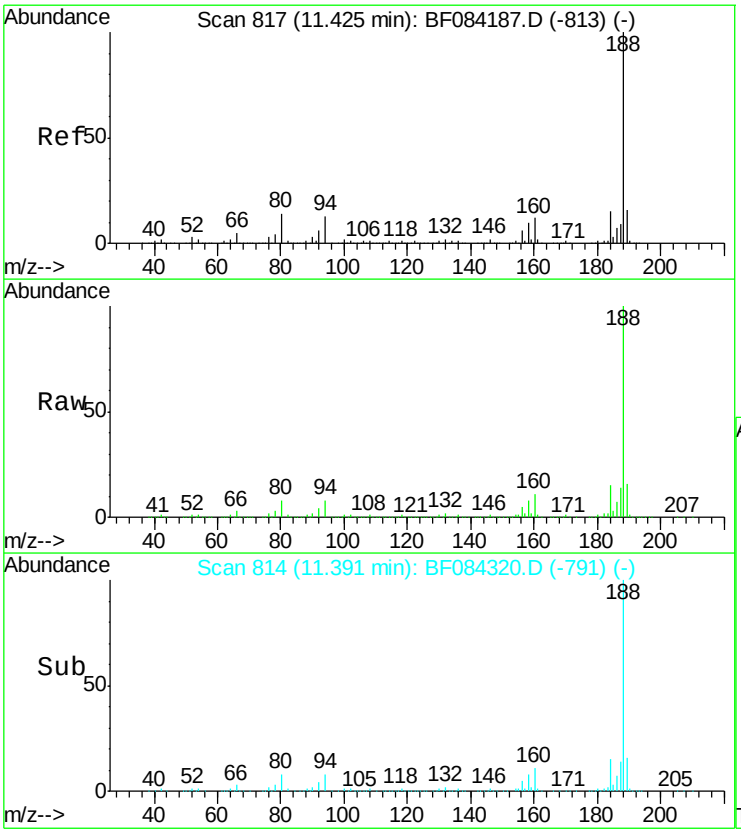
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.27 min Scan# 716
Delta R.T. -0.22 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:204 Resp: 537

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	157.0	55.1	82.7#

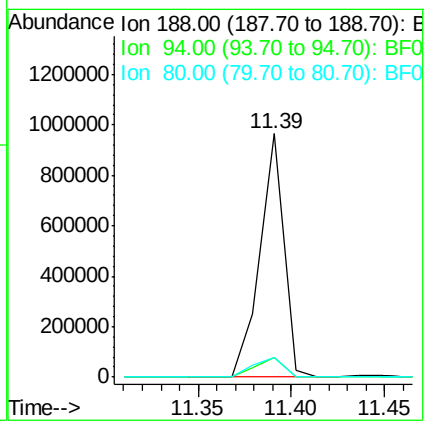


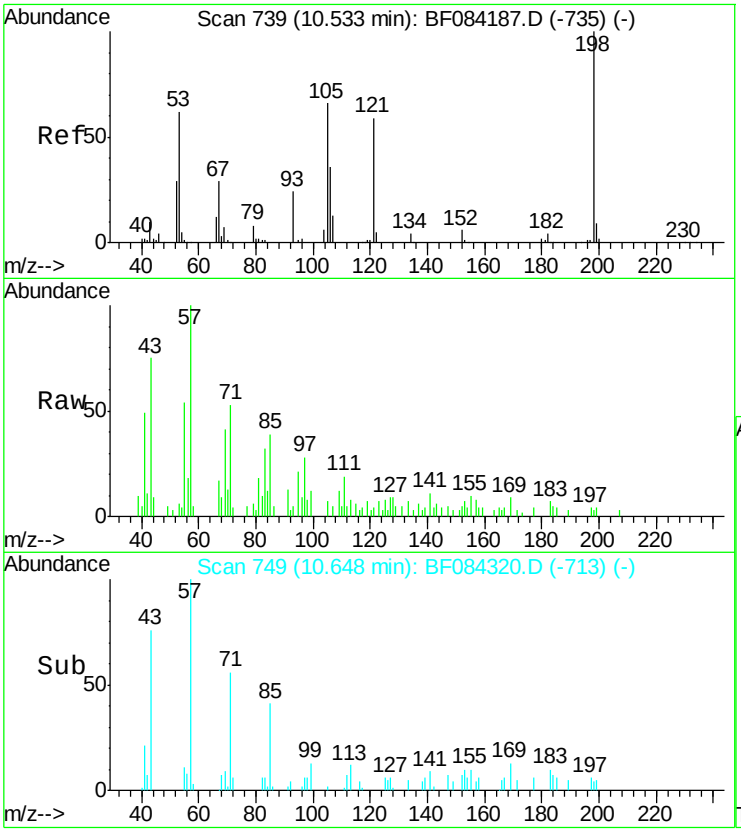


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:188 Resp: 853306

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.4#
80	8.3	9.6	14.4#



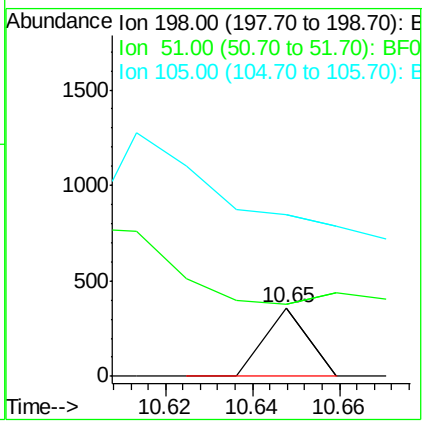


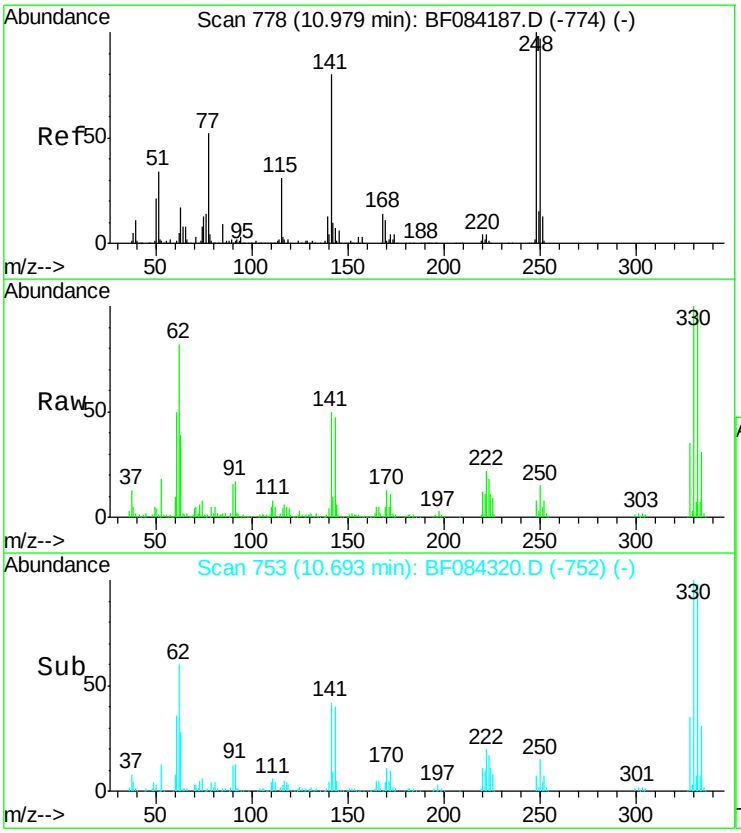
#64
4,6-Dinitro-2-methylphenol
Concen: 6.46 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.11 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:198 Resp: 247

Ion	Ratio	Lower	Upper
198	100		
51	105.8	18.9	58.9#
105	235.0	26.4	66.4#

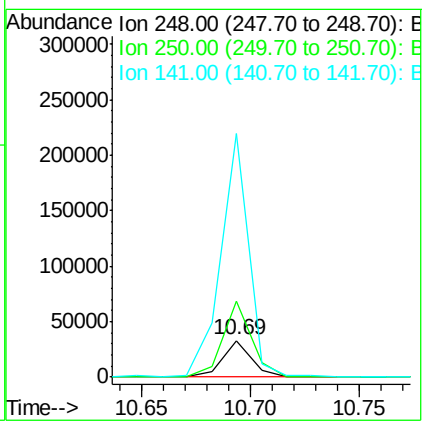


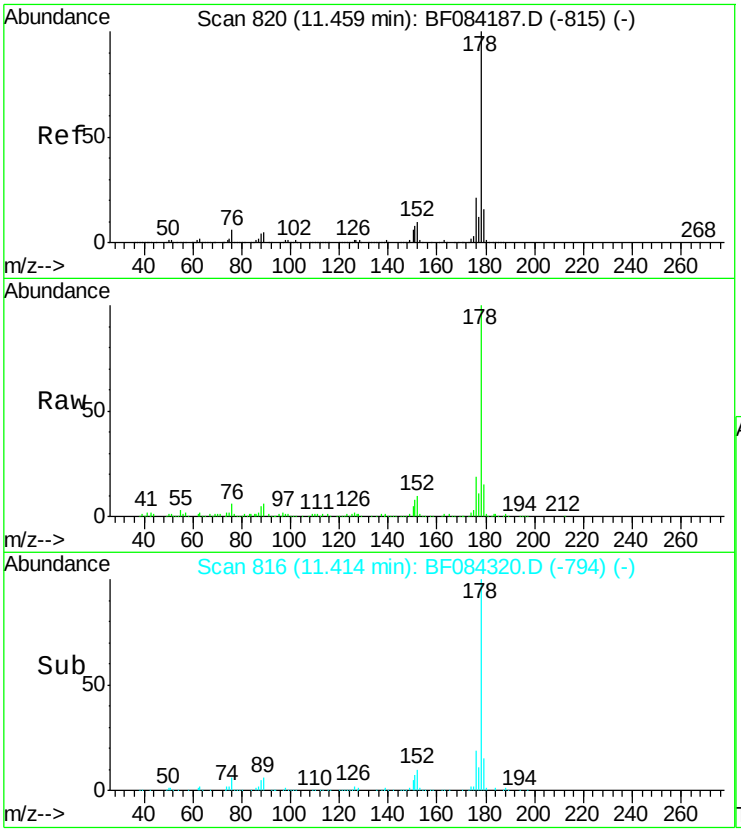


#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:248 Resp: 30405

Ion	Ratio	Lower	Upper
248	100		
250	204.5	78.4	117.6#
141	660.1	44.0	66.0#



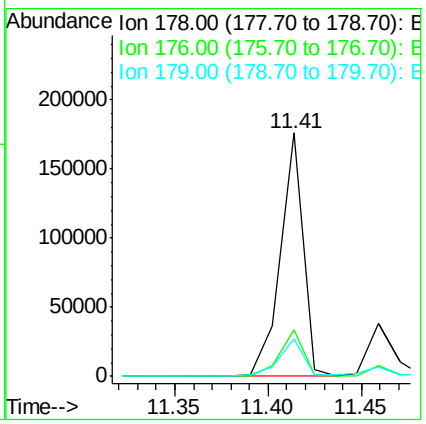


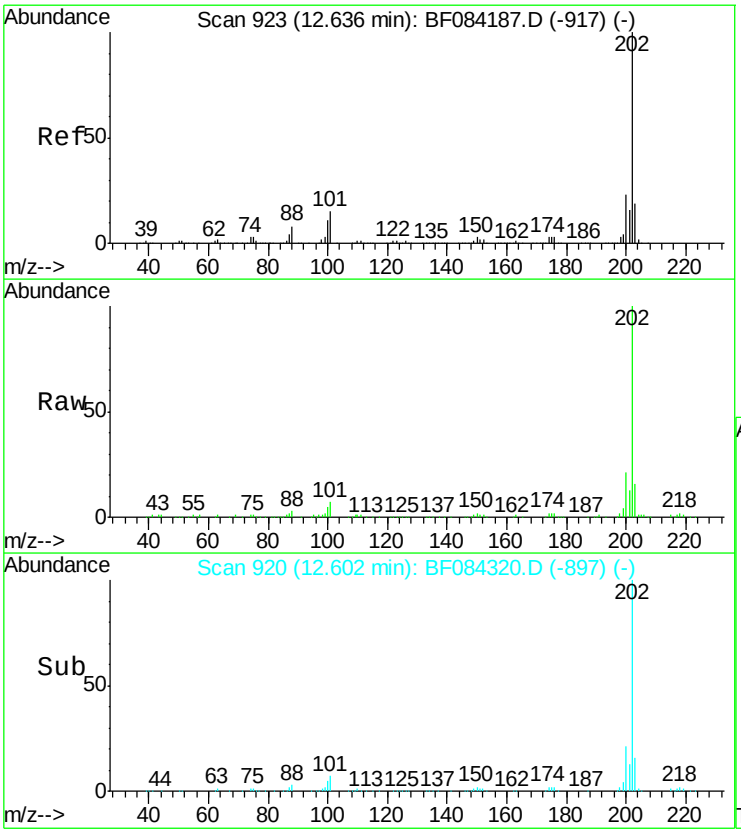
#70
Phenanthrene
Concen: 3.37 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:178 Resp: 150324

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.0	18.0

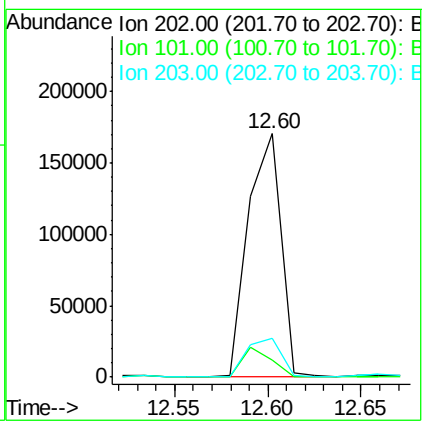


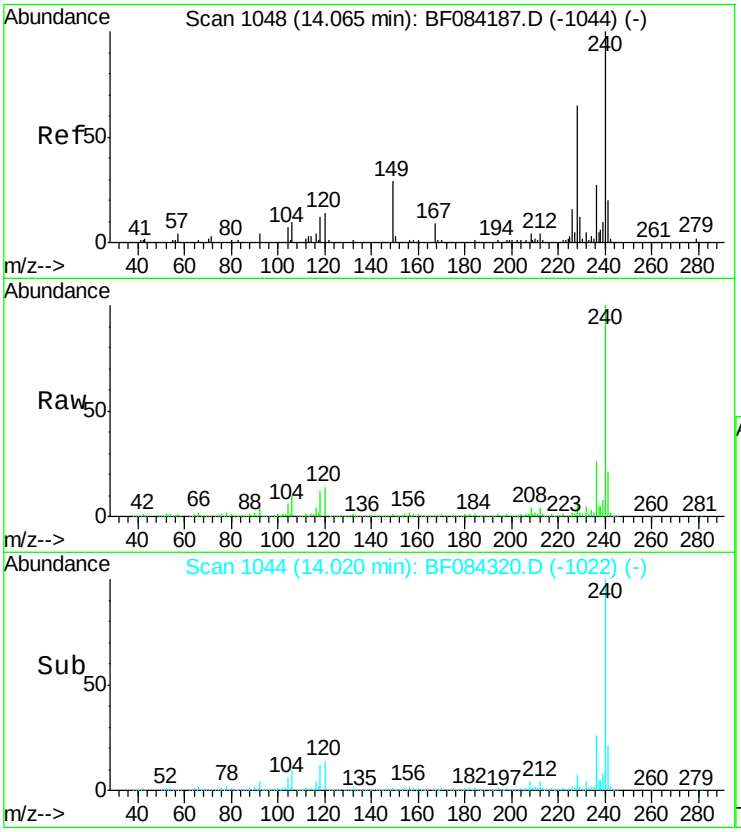


#74
Fluoranthene
Concen: 4.42 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:202 Resp: 206294

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	32.8
203	15.8	0.0	37.9



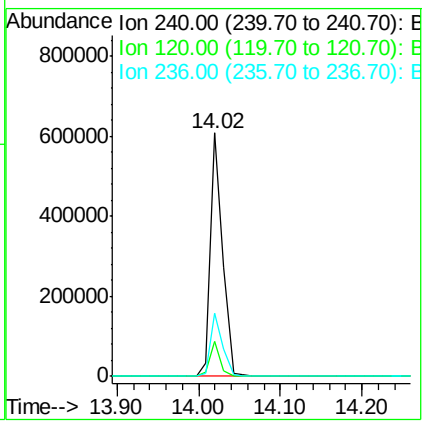


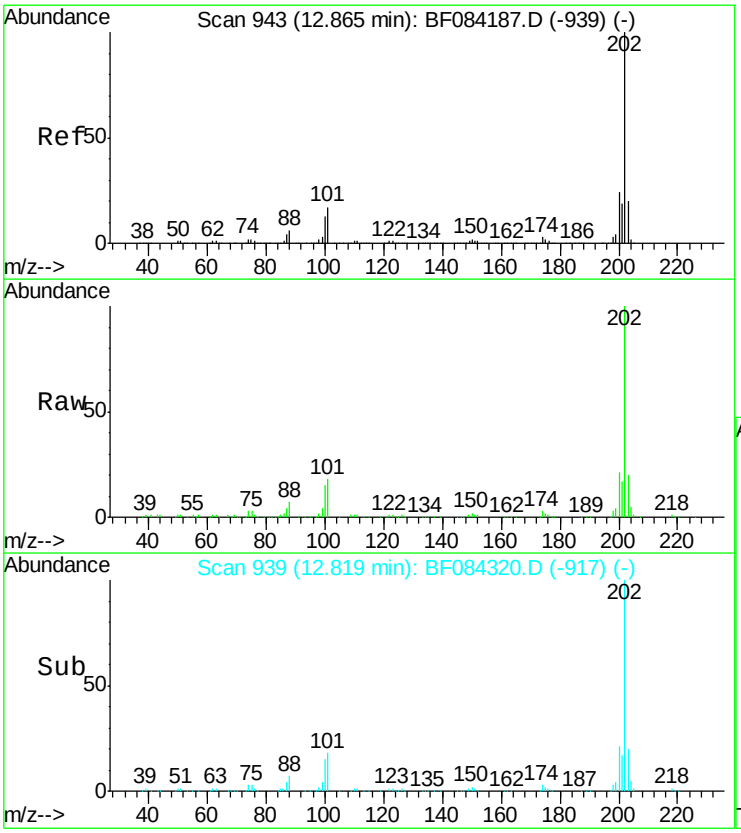
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:240 Resp: 642568

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	26.1	20.6	31.0

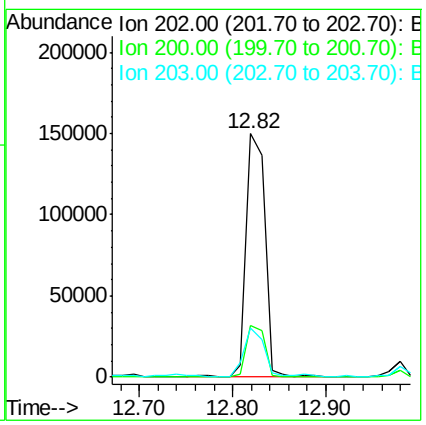


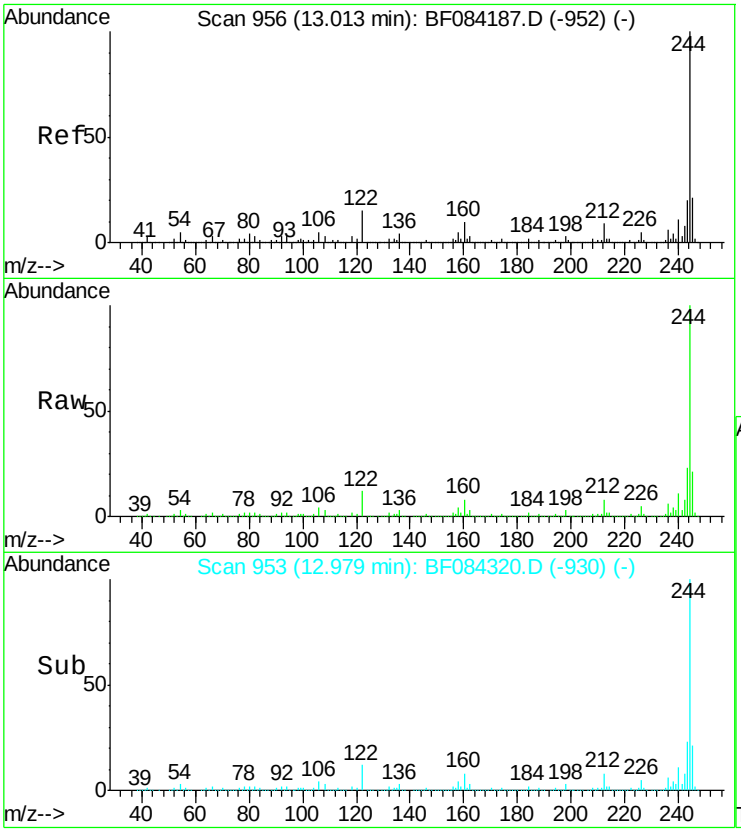


#77
Pyrene
Concen: 4.16 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:202 Resp: 209536

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	20.0	14.3	21.5



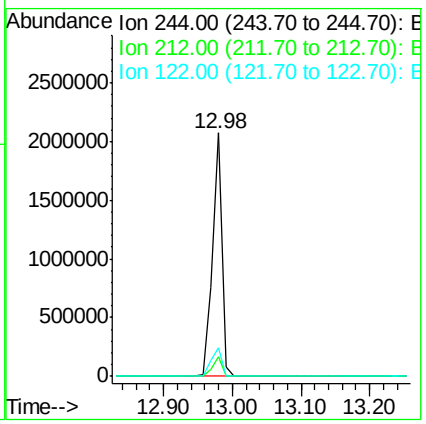


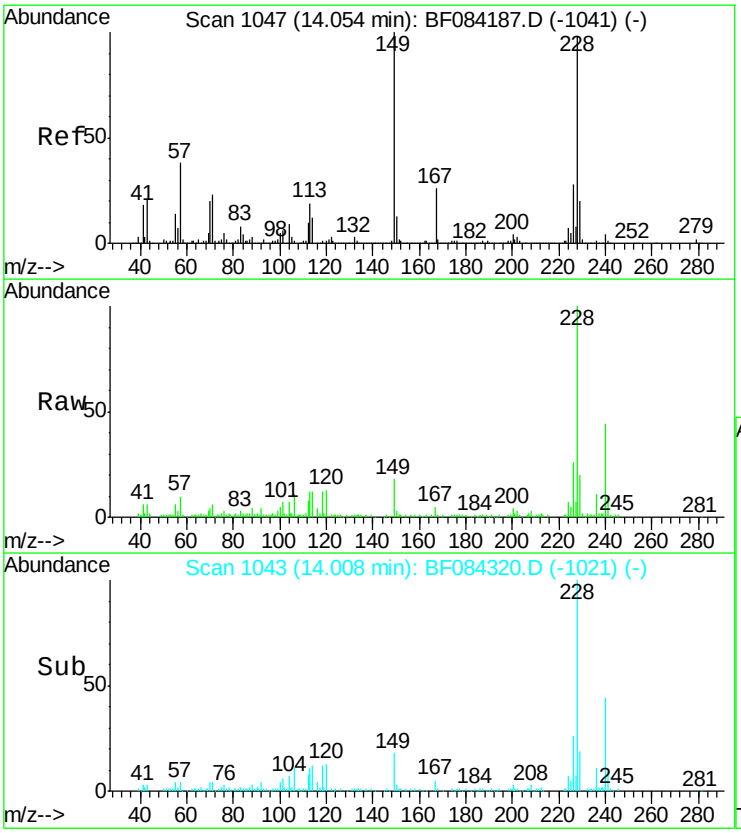
#78
Terphenyl-d14
Concen: 69.99 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:244 Resp: 2014896

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	11.5	7.4	11.0#

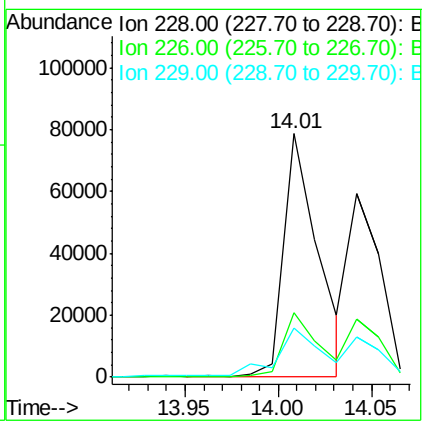


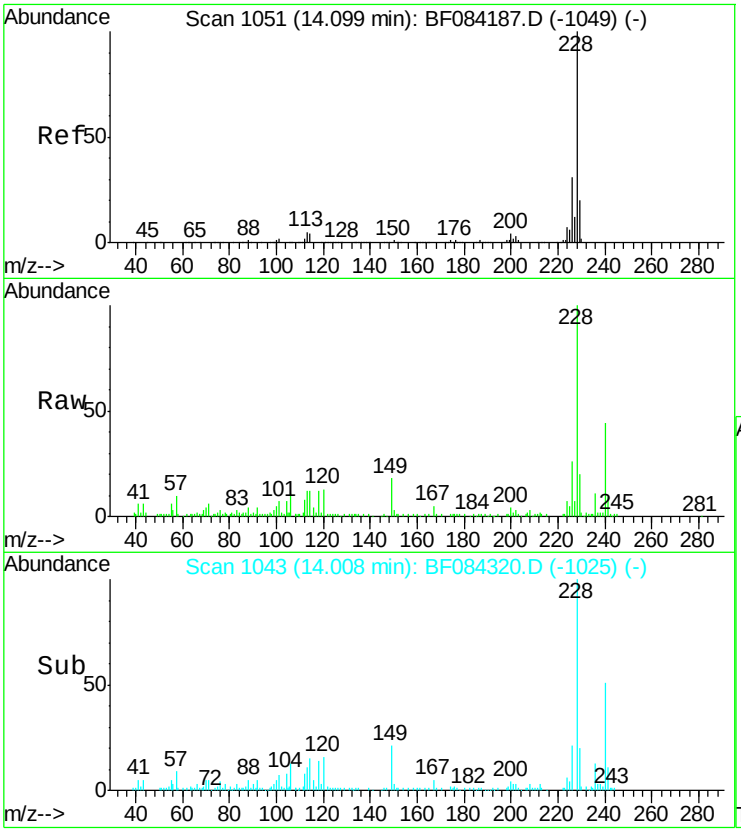


#80
Benzo(a)anthracene
Concen: 2.71 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:228 Resp: 102285

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.8	32.6
229	20.3	15.8	23.8



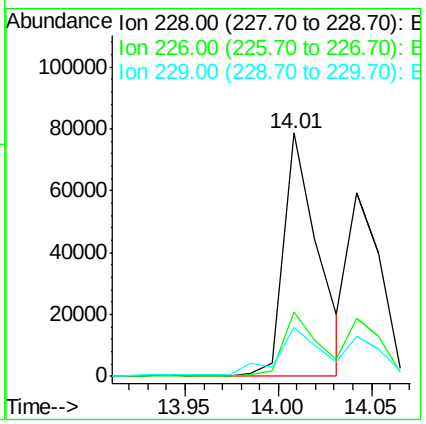


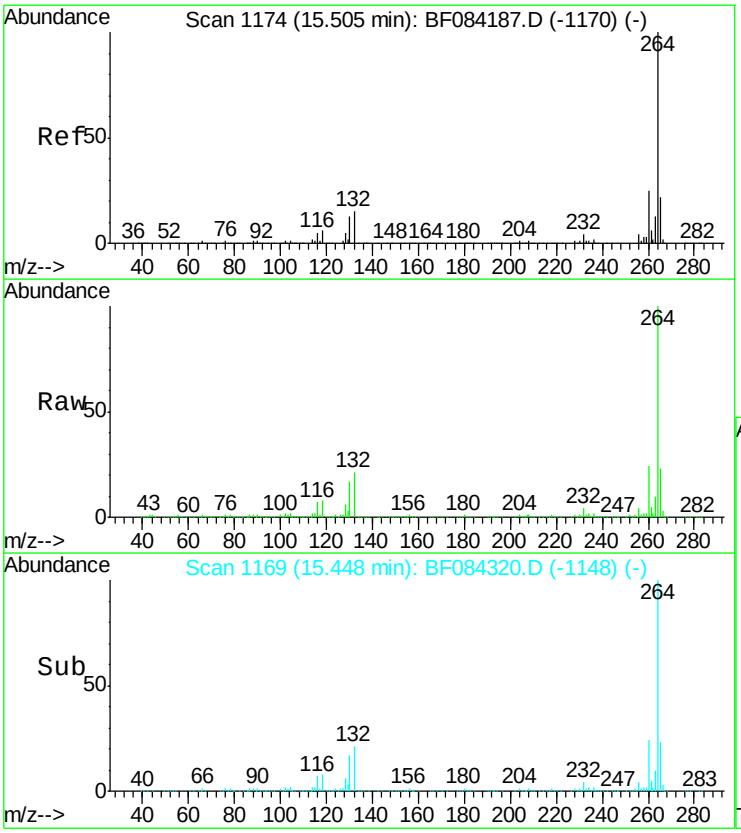
#82
Chrysene
Concen: 2.82 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.09 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:228 Resp: 102285

Ion	Ratio	Lower	Upper
228	100		
226	26.2	24.3	36.5
229	20.3	16.1	24.1

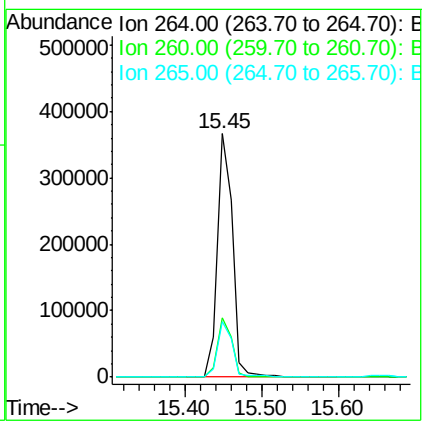


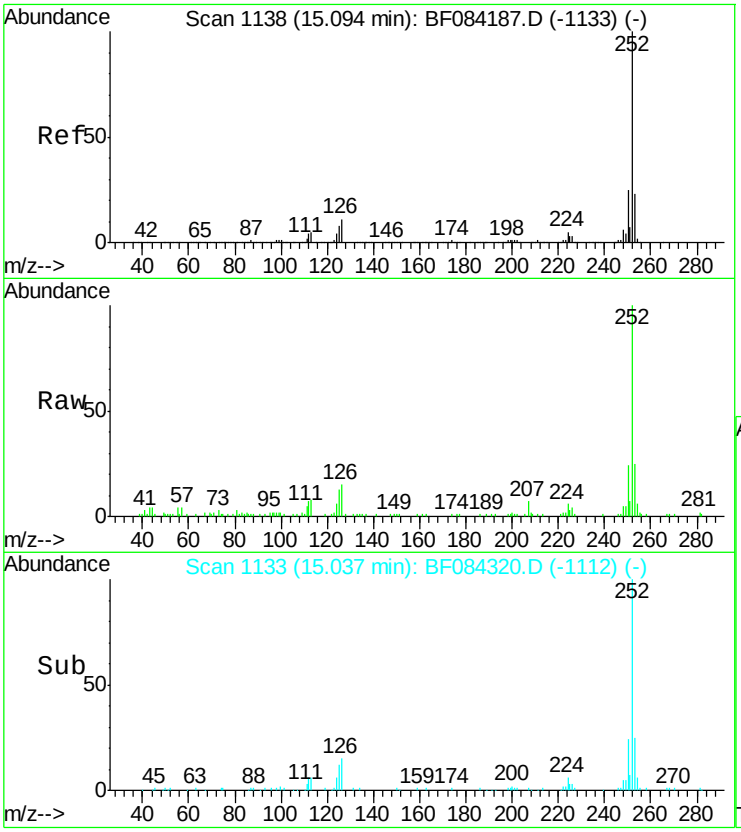


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:264 Resp: 504680

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.6	17.8	26.6



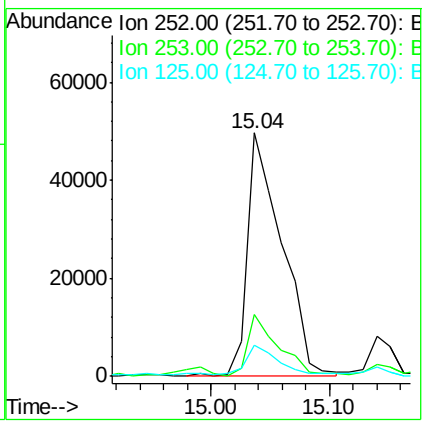


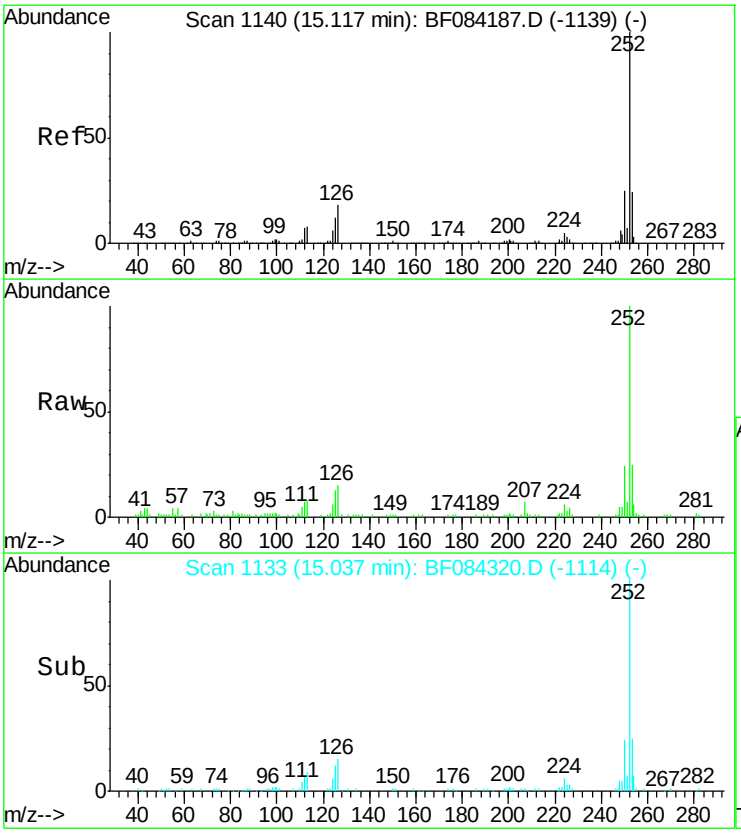
#87
Benzo(b)fluoranthene
Concen: 3.06 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Instrument :
BNA_F
ClientSampleId :
BT003

Tgt Ion:252 Resp: 100861

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.3	25.9
125	13.0	6.5	9.7#





#88
Benzo(k)fluoranthene
Concen: 3.74 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.08 min
Lab File: BF084320.D
Acq: 8 Jan 2016 1:33

Tgt Ion:252 Resp: 100861

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	13.0	9.0	13.6