Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Time: Jan 05 03:44:47 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	6.89	152	273674	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1134413	20.00	ng		-0.01
38) Acenaphthene-d10	9.93	164	488975	20.00	ng		-0.02
63) Phenanthrene-d10	11.41	188	818641	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	568111	20.00	ng		-0.01
86) Perylene-d12	15.49	264	529945	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1248520	73.79	ng		0.01
7) Phenol-d6	6.53	99	973387	45.81	ng		0.00
23) Nitrobenzene-d5	7.46	82	2018003	99.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	716940	145.23	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2863219	104.46	ng		-0.01
78) Terphenyl-d14	13.00	244	2151256	84.53	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	44410	3.21	ng	#	74
15) Benzyl Alcohol	7.05	79	36618	2.05	ng	#	47
19) n-Nitroso-di-n-propylamine	7.46	70	294862	20.50	ng	#	70
32) Benzoic acid	7.95	122	3642	6.51	ng	#	47
51) Acenaphthene	9.96	154	82934	2.74	ng		96
52) 3-Nitroaniline	9.86	138	23420	2.47	ng	#	7
53) 2,4-Dinitrophenol	9.87	184	245	3.63	ng	#	1
54) Dibenzofuran	10.13	168	2919	Below Cal		#	24
57) Fluorene	10.48	166	4862	Below Cal		#	87
60) 4-Chlorophenyl-phenylether	10.45	204	1609	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.56	198	362	6.48	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	47512	5.39	ng	#	1
73) Di-n-butylphthalate	11.99	149	21542	Below Cal		#	89

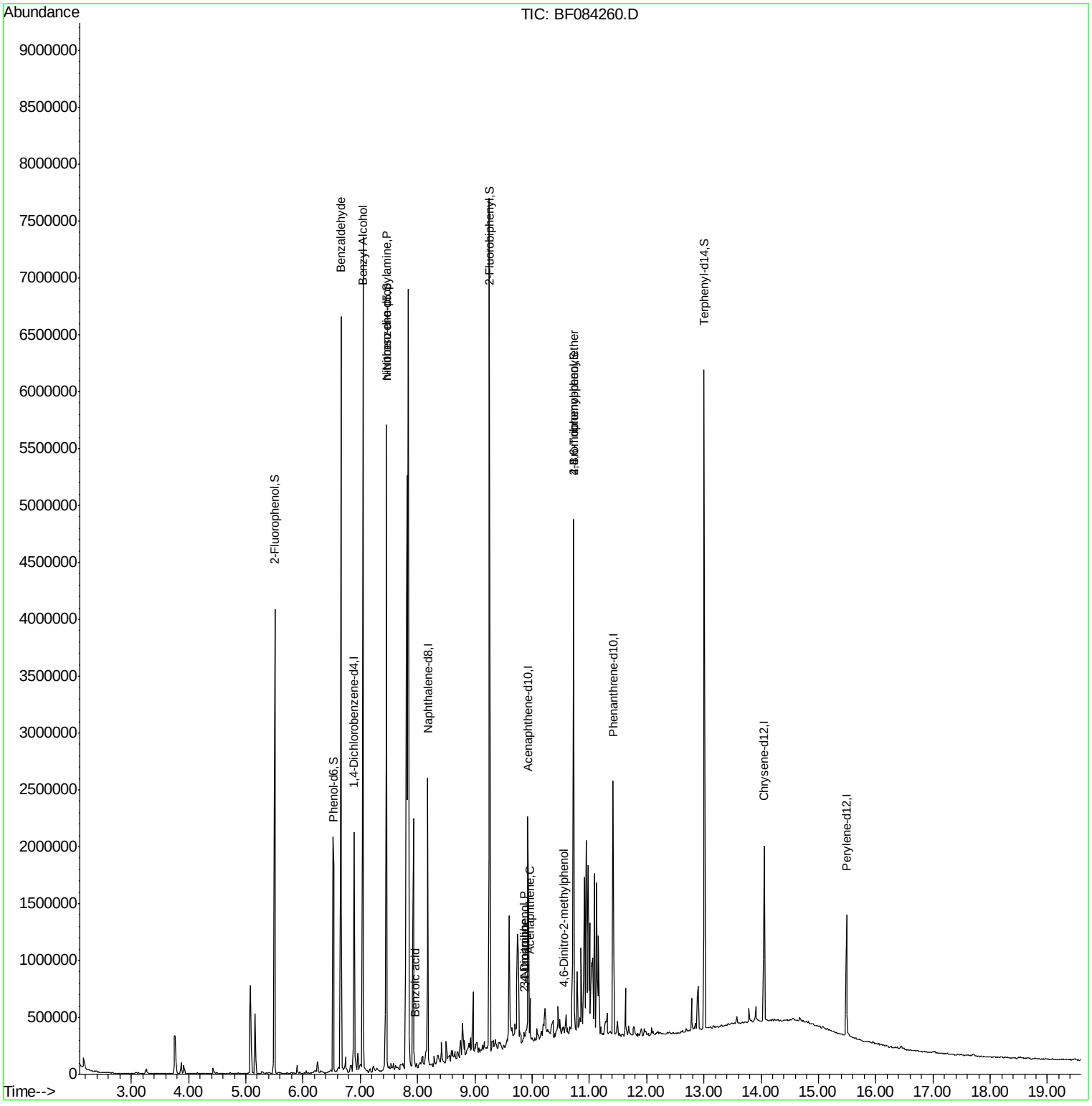
(#) = qualifier out of range (m) = manual integration (+) = signals summed

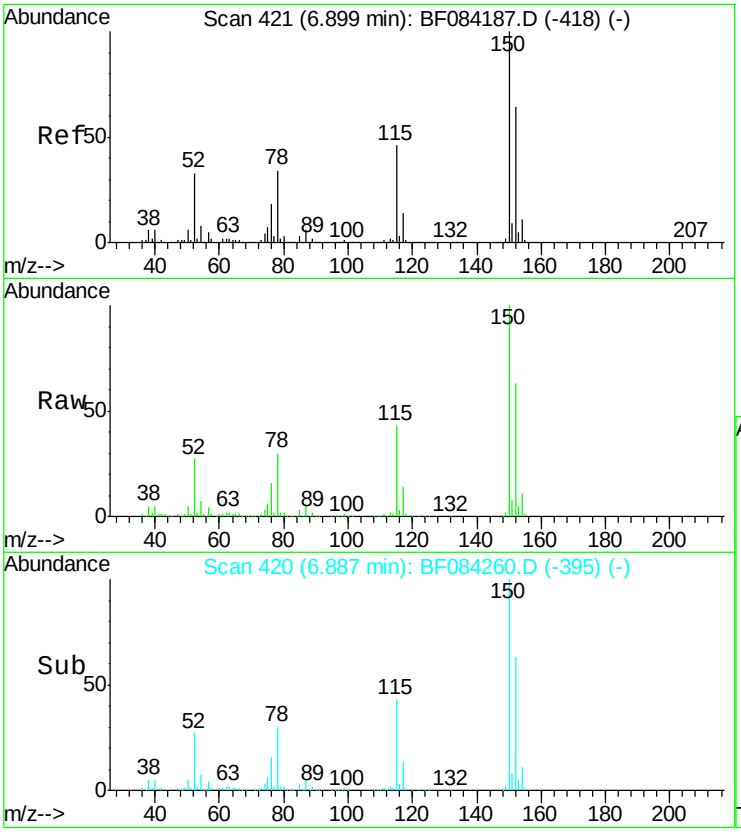
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Time: Jan 05 03:44:47 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



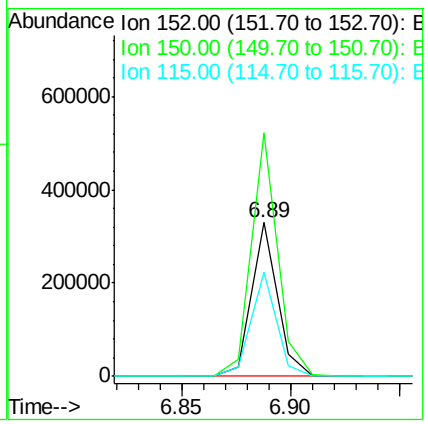


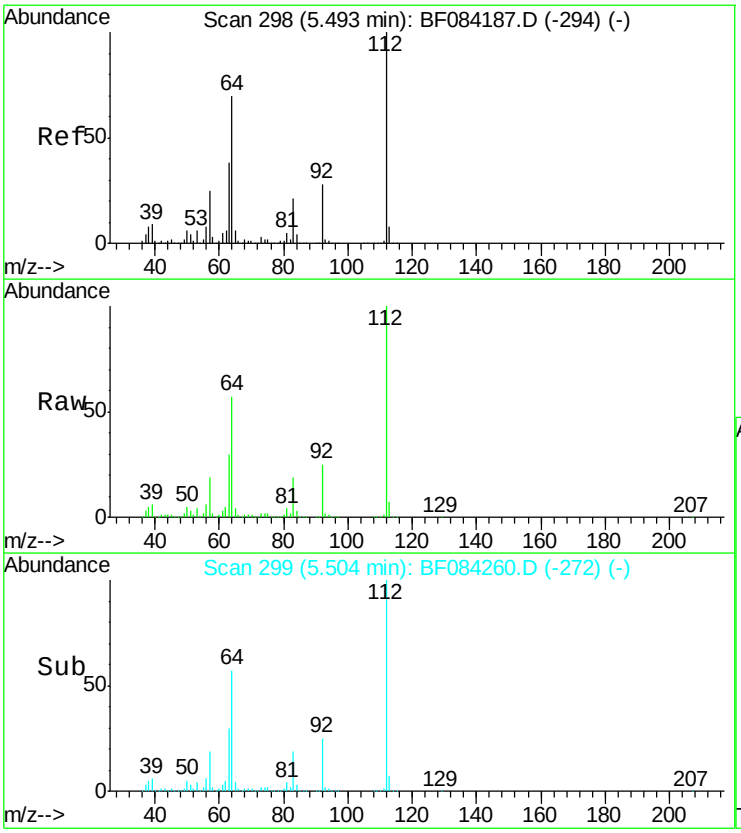
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:152 Resp: 273674

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.0	184.4
115	67.8	51.4	77.2

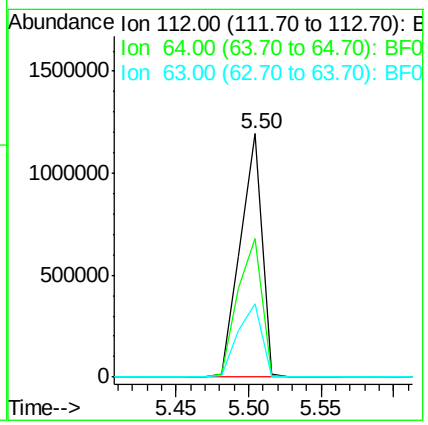


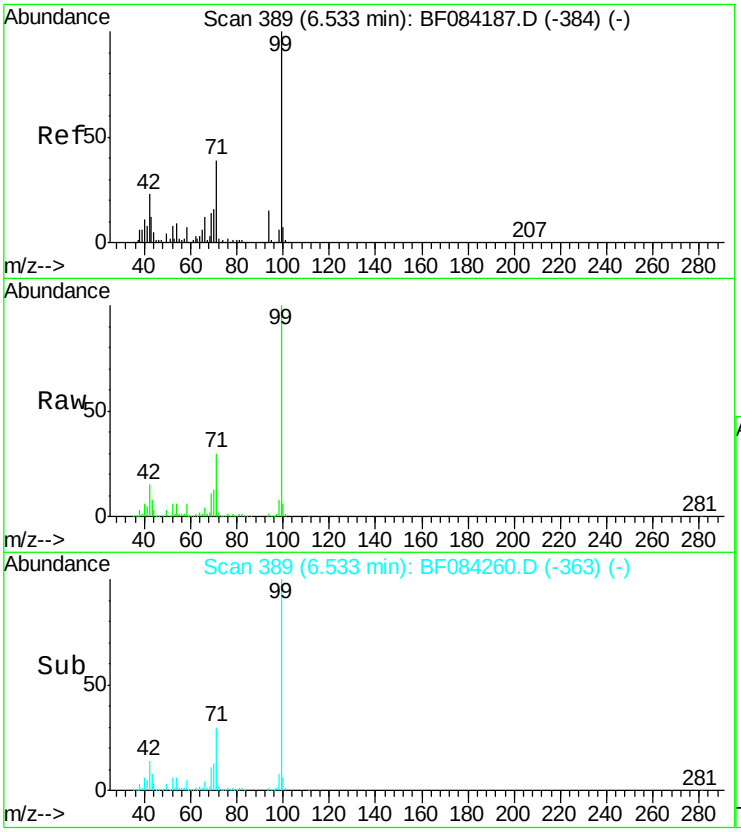


#5
2-Fluorophenol
Concen: 73.79 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:112 Resp: 1248520

Ion	Ratio	Lower	Upper
112	100		
64	57.1	36.6	55.0#
63	30.1	19.4	29.0#



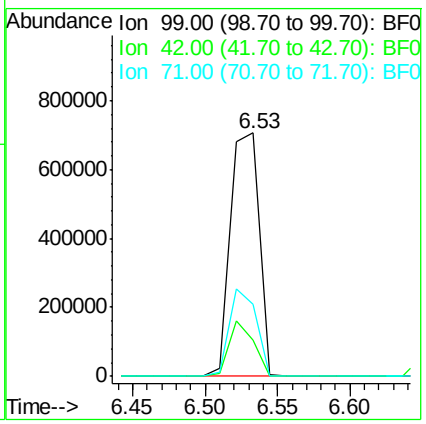


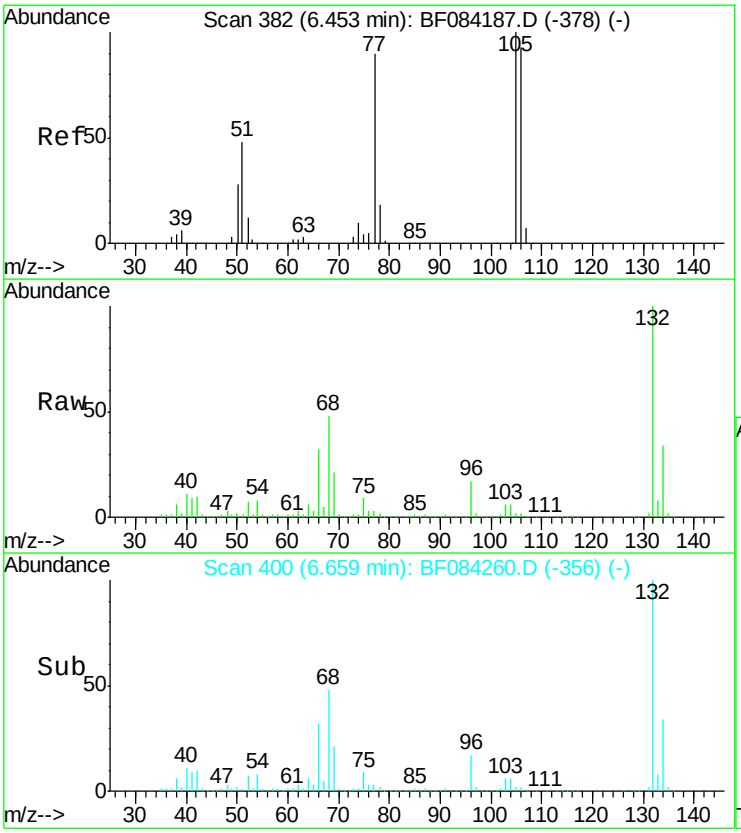
#7
Phenol-d6
Concen: 45.81 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion: 99 Resp: 973387

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	29.8	30.9	46.3#

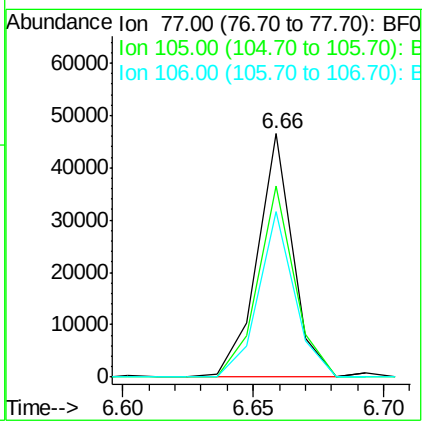


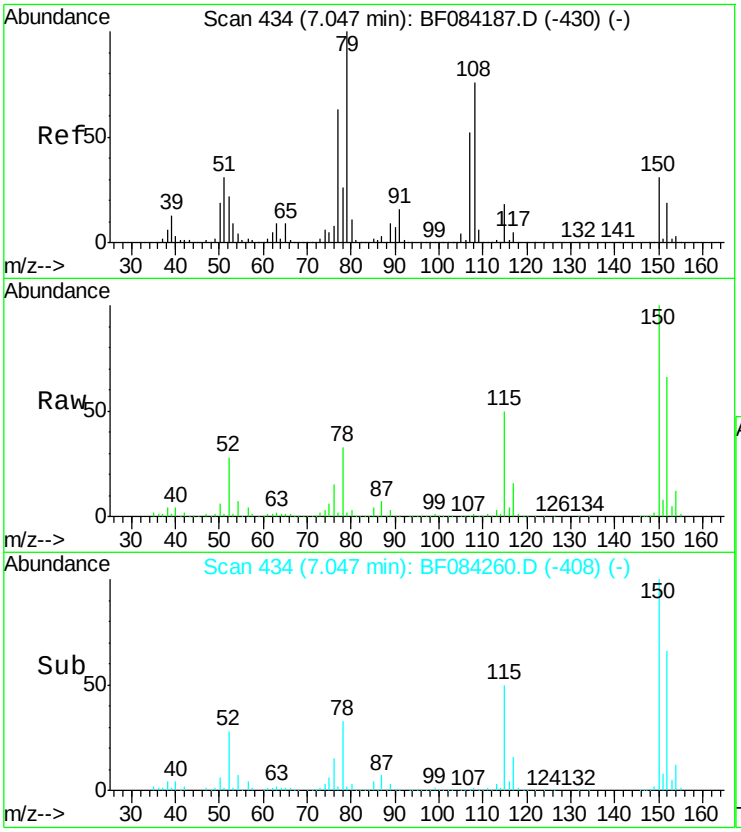


#9
Benzaldehyde
Concen: 3.21 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.21 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion: 77 Resp: 44410

Ion	Ratio	Lower	Upper
77	100		
105	78.3	83.0	123.0#
106	68.2	74.6	114.6#



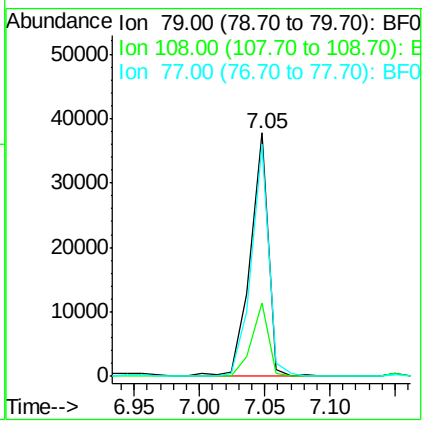


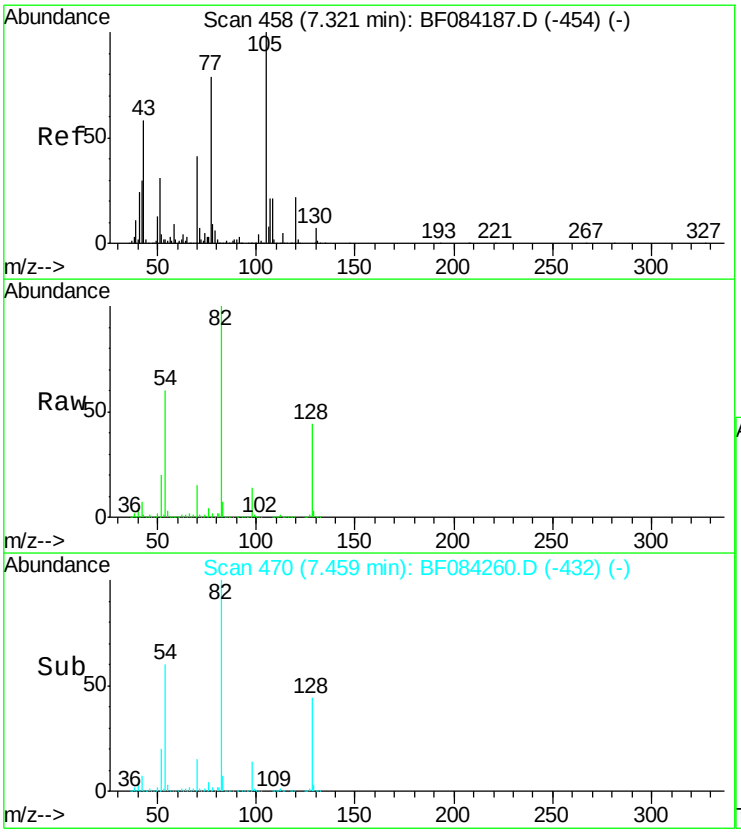
#15
Benzyl Alcohol
Concen: 2.05 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion: 79 Resp: 36618

Ion	Ratio	Lower	Upper
79	100		
108	29.9	69.0	103.4#
77	95.2	50.0	75.0#

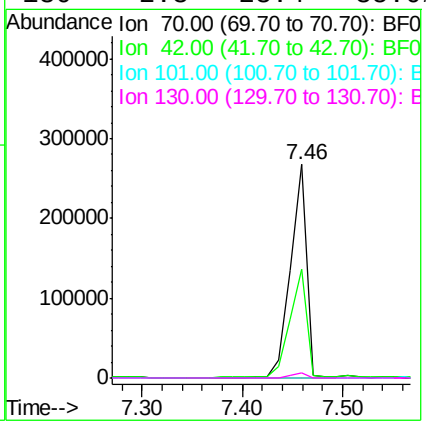


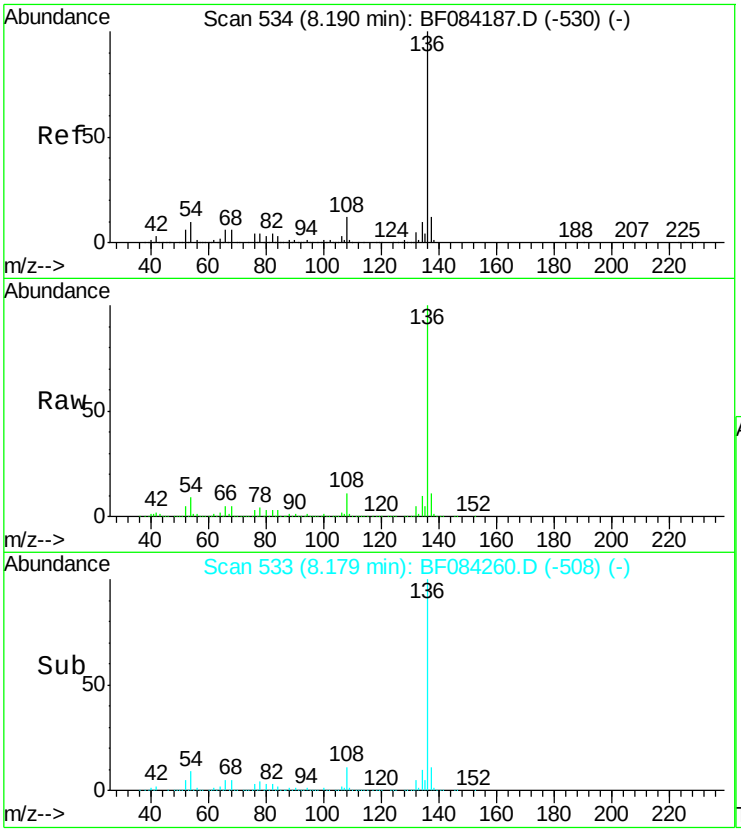


#19
n-Nitroso-di-n-propylamine
Concen: 20.50 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion: 70 Resp: 294862

Ion	Ratio	Lower	Upper
70	100		
42	51.1	33.3	49.9#
101	0.3	9.3	13.9#
130	2.3	23.4	35.0#



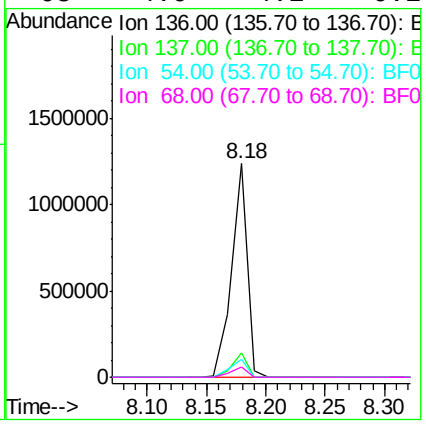


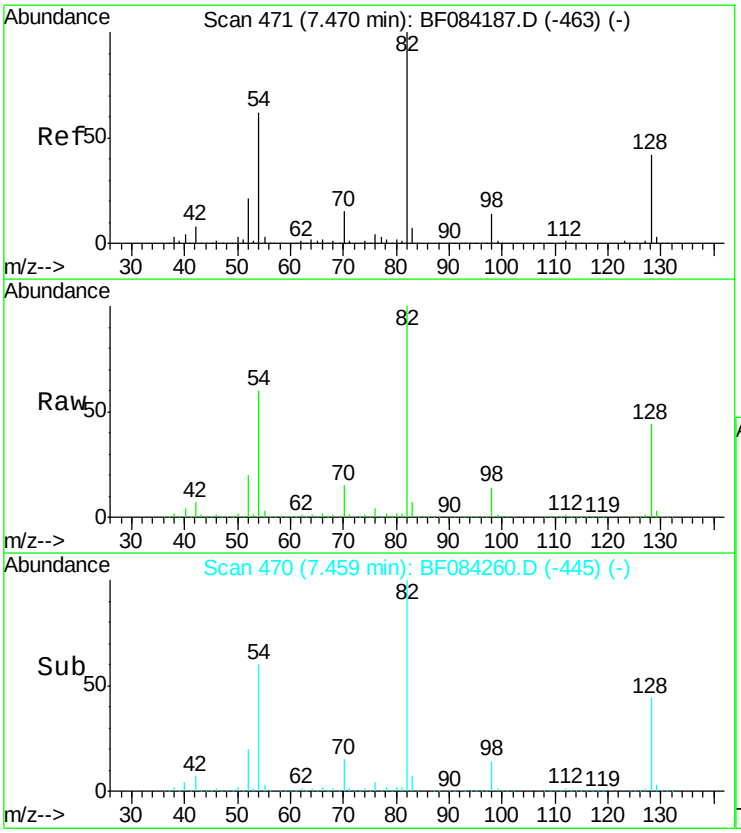
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:136 Resp: 1134413

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.7	5.8	8.8
68	4.9	4.2	6.2

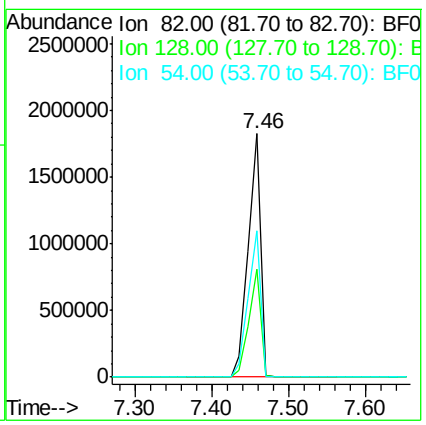


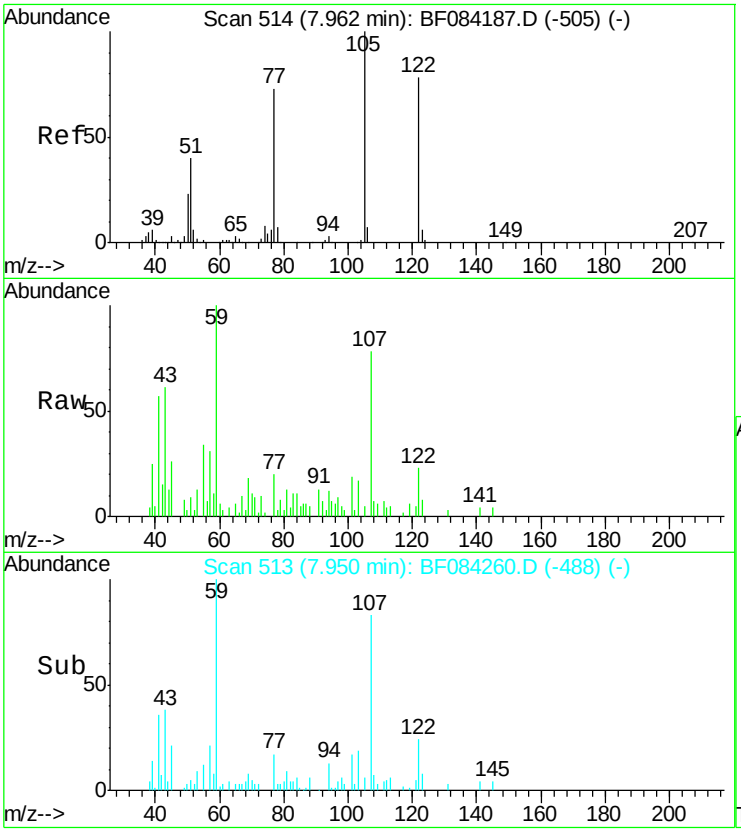


#23
Nitrobenzene-d5
Concen: 99.00 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion: 82 Resp: 2018003

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	60.1	38.4	57.6#



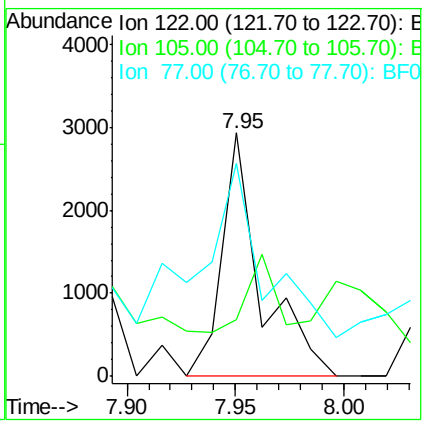


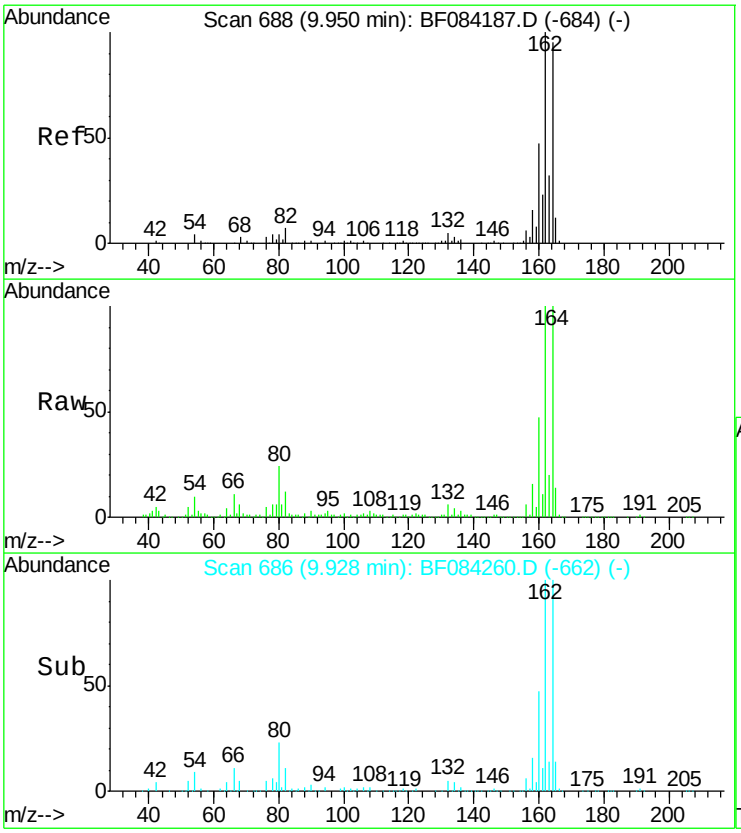
#32
Benzoic acid
Concen: 6.51 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:122 Resp: 3642

Ion	Ratio	Lower	Upper
122	100		
105	23.2	100.3	140.3#
77	87.3	63.5	103.5

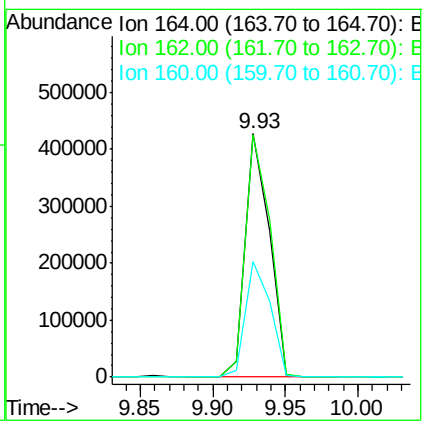


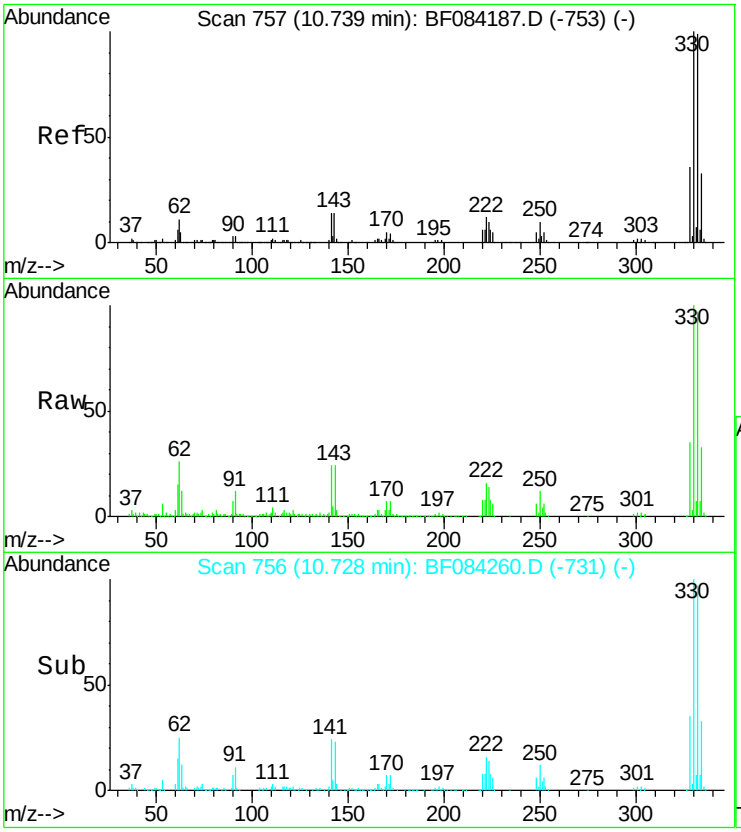


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:164 Resp: 488975

Ion	Ratio	Lower	Upper
164	100		
162	99.6	85.1	127.7
160	47.2	37.5	56.3



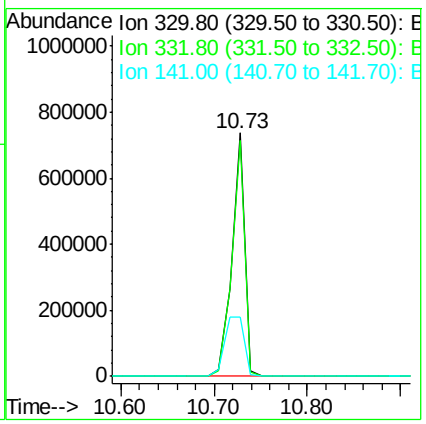


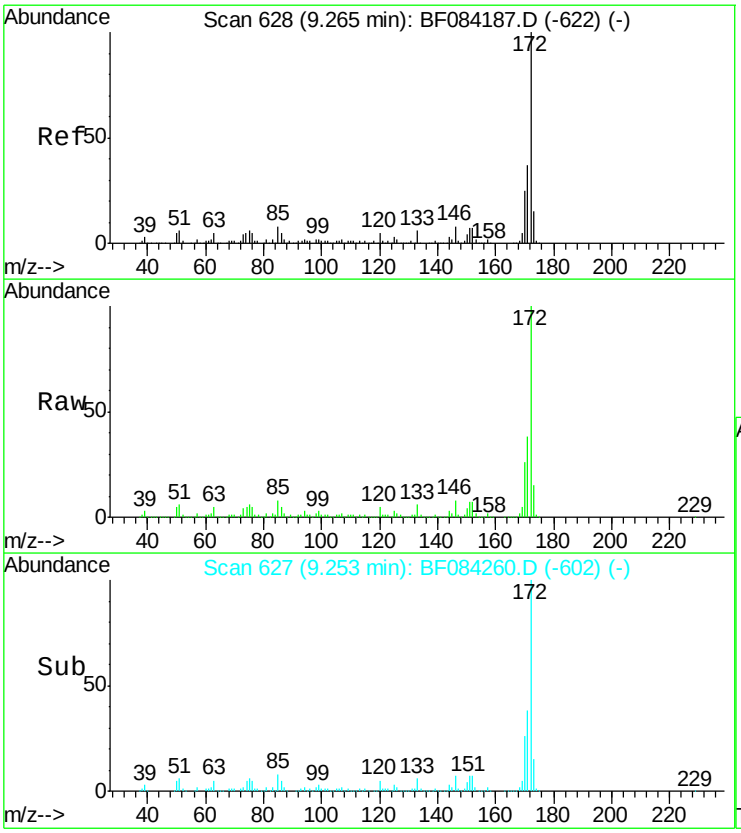
#41
2,4,6-Tribromophenol
Concen: 145.23 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:330 Resp: 716940

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	36.7	27.8	41.6

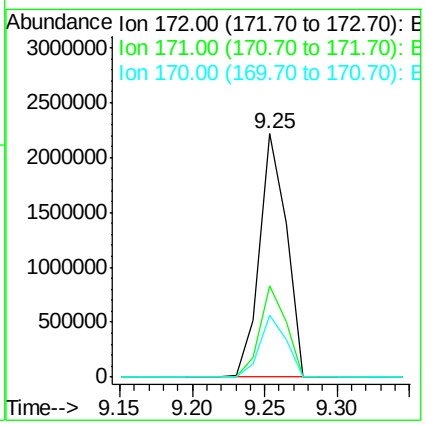


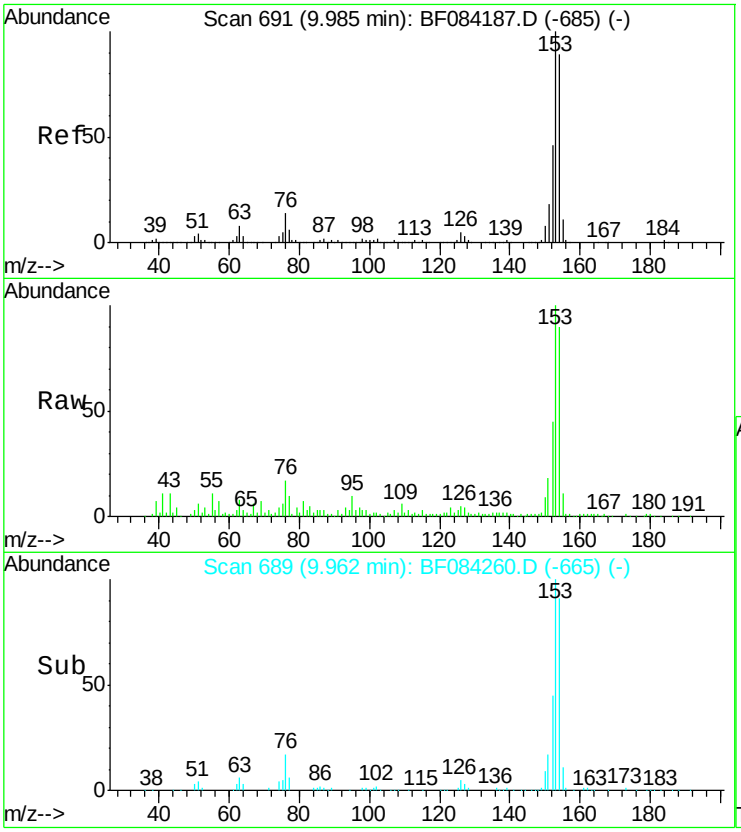


#44
2-Fluorobiphenyl
Concen: 104.46 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:172 Resp: 2863219

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	25.5	18.6	27.8



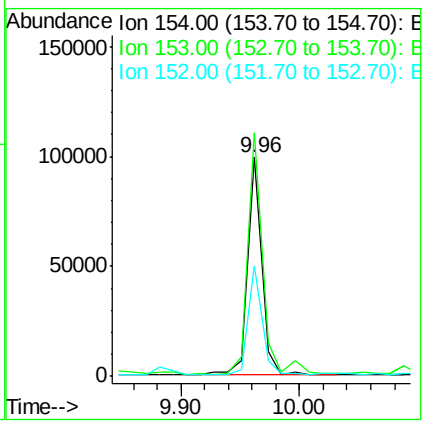


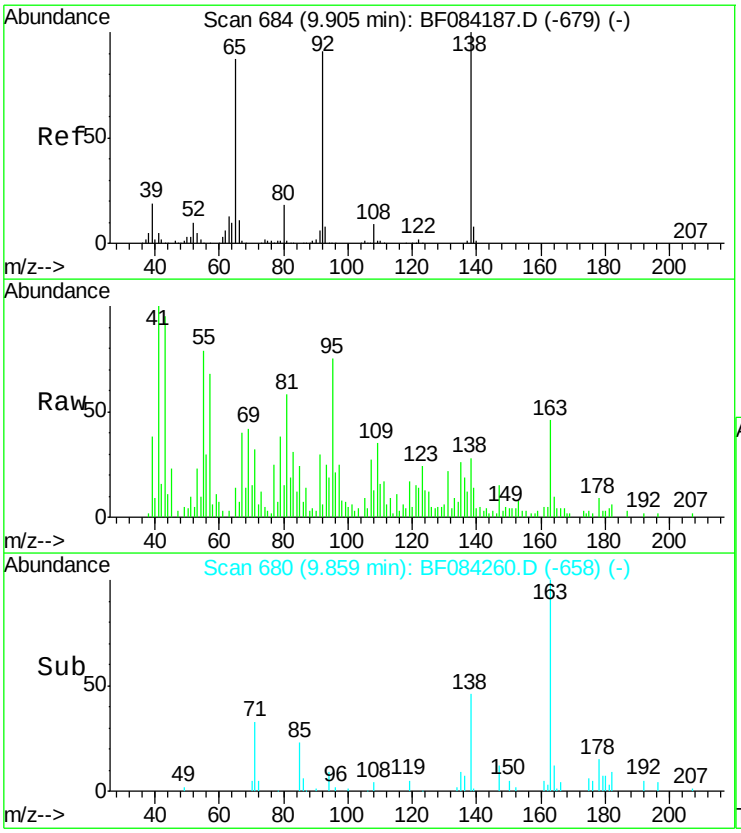
#51
Acenaphthene
Concen: 2.74 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:154 Resp: 82934

Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.5	137.3
152	50.4	43.0	64.6

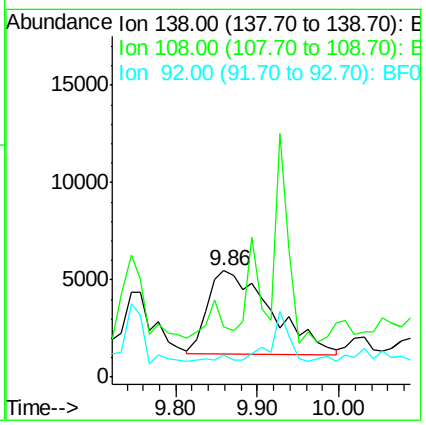


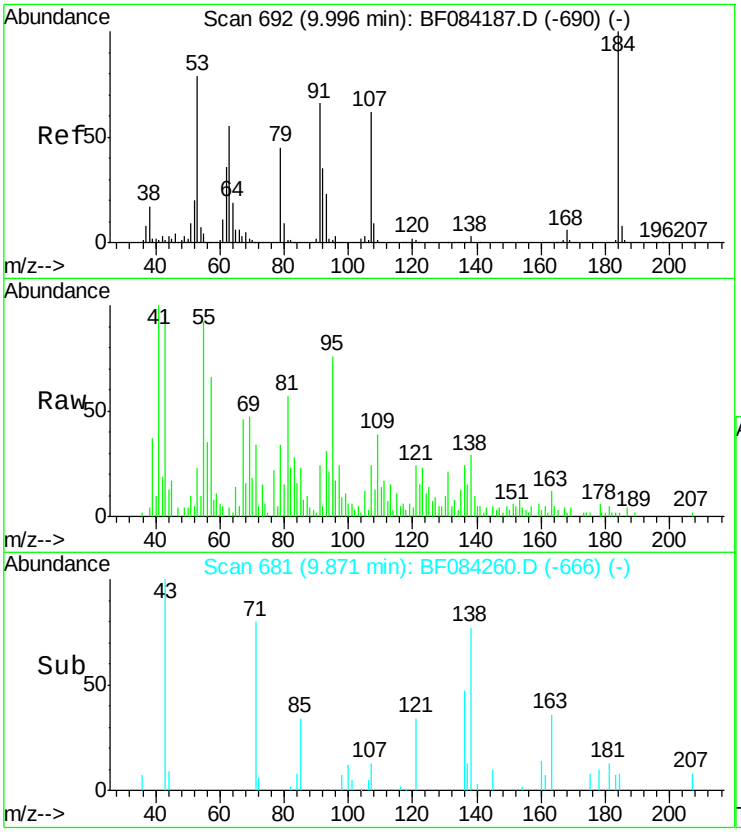


#52
3-Nitroaniline
Concen: 2.47 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.05 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:138 Resp: 23420

Ion	Ratio	Lower	Upper
138	100		
108	47.7	10.5	15.7#
92	21.4	103.9	155.9#



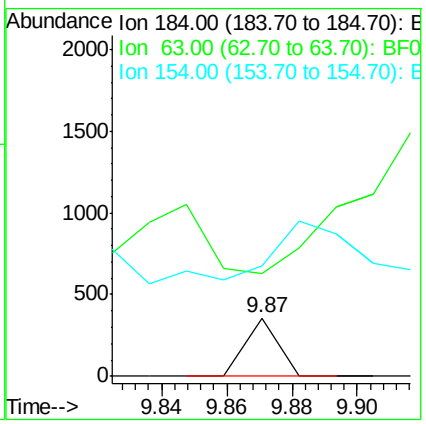


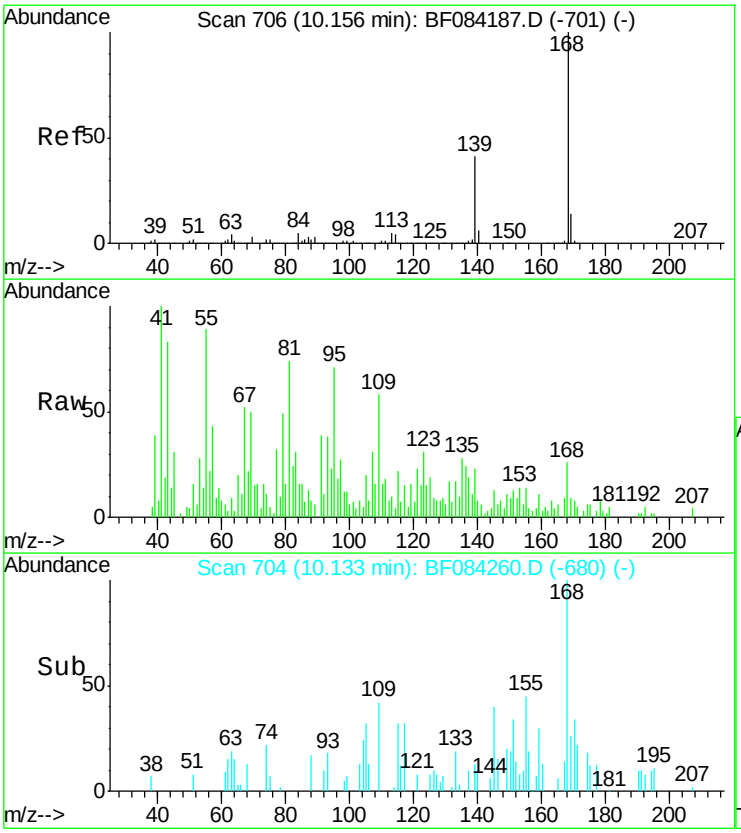
#53
2,4-Dinitrophenol
Concen: 3.63 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.13 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:184 Resp: 245

Ion	Ratio	Lower	Upper
184	100		
63	175.7	43.1	64.7#
154	188.5	60.5	90.7#

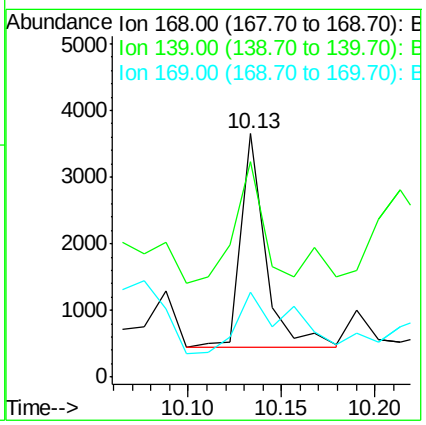


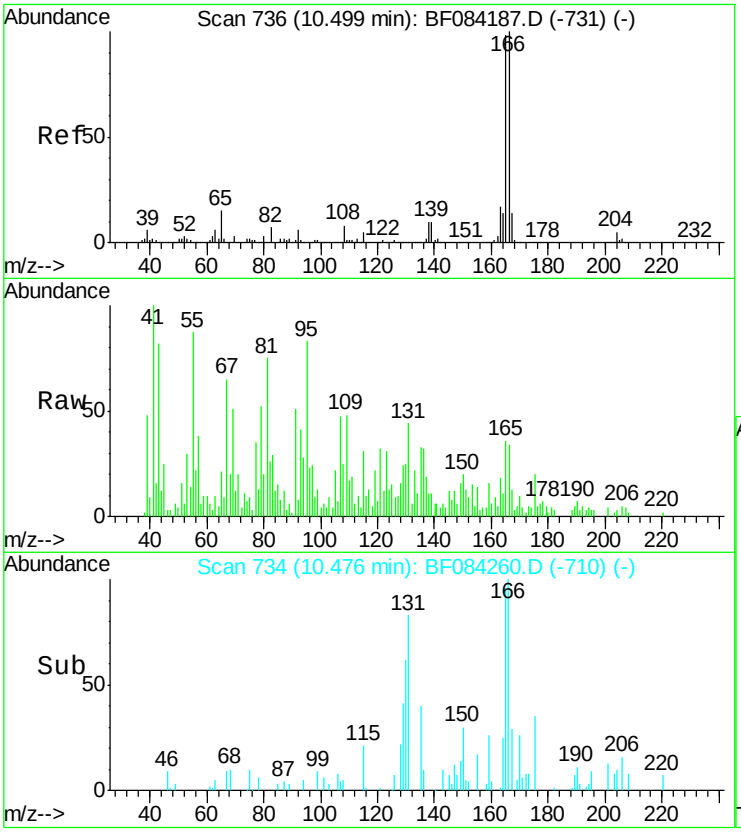


#54
Dibenzofuran
Concen: Below Cal
RT: 10.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:168 Resp: 2919

Ion	Ratio	Lower	Upper
168	100		
139	88.3	30.5	45.7#
169	35.0	10.4	15.6#



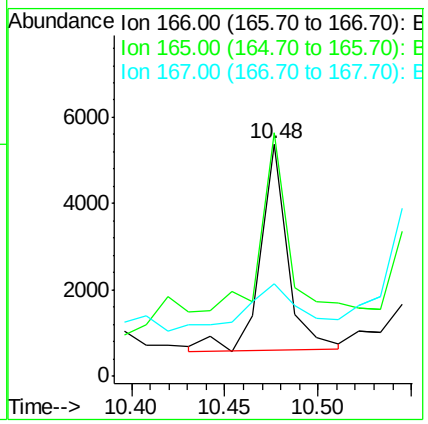


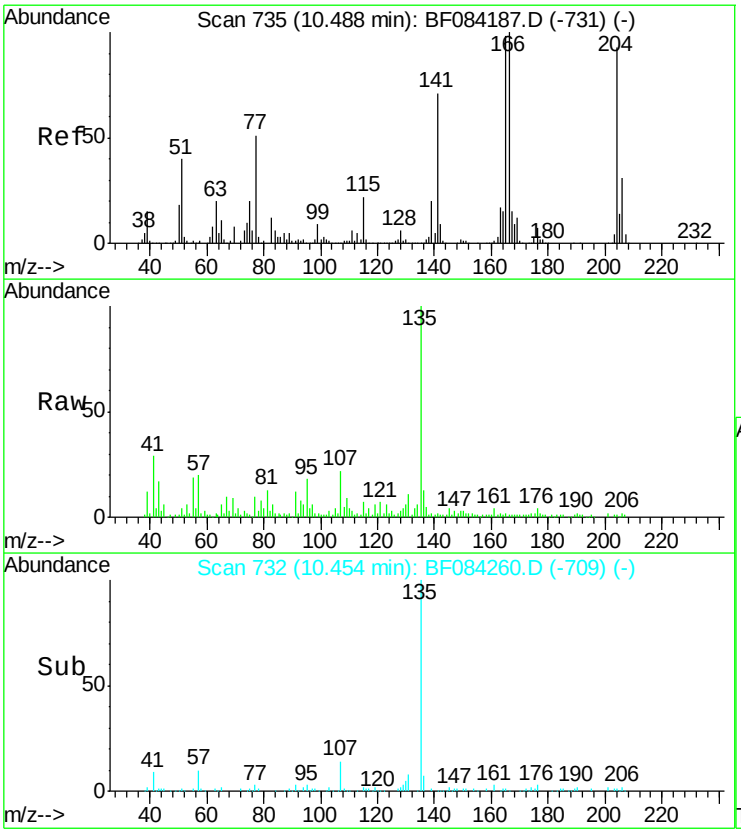
#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:166 Resp: 4862

Ion	Ratio	Lower	Upper
166	100		
165	104.7	79.1	118.7
167	39.7	10.4	15.6#

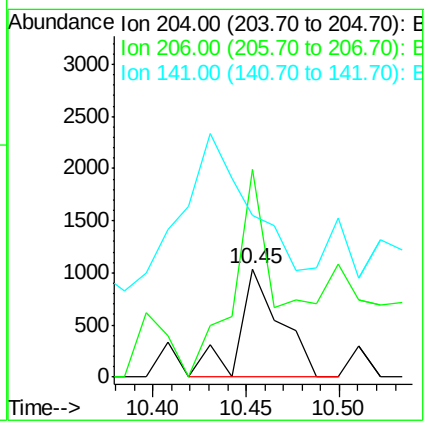


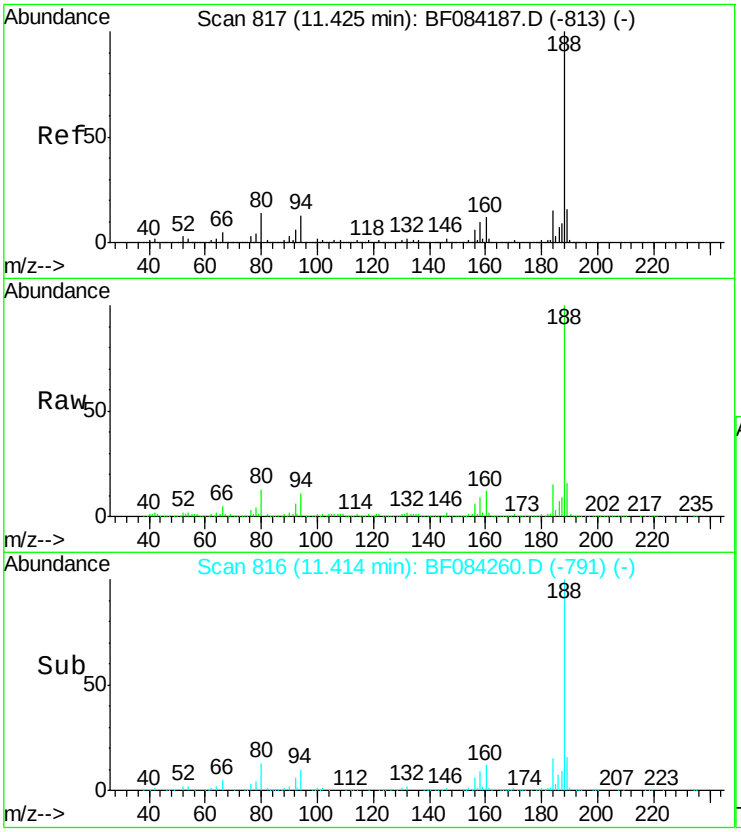


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:204 Resp: 1609

Ion	Ratio	Lower	Upper
204	100		
206	191.8	25.7	38.5#
141	149.9	55.1	82.7#



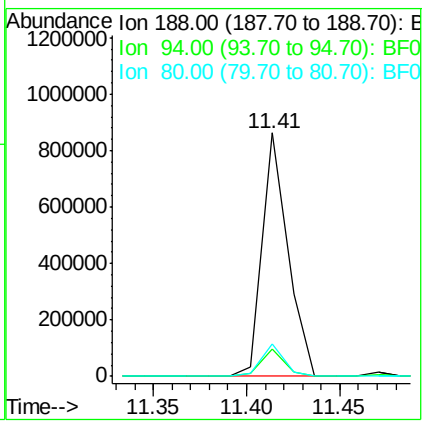


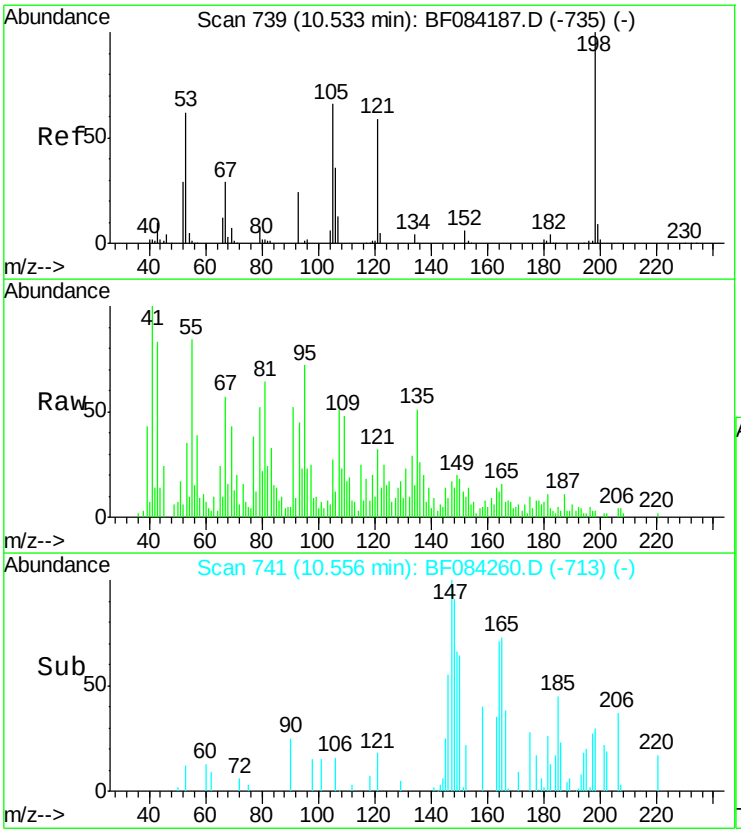
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:188 Resp: 818641

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.4
80	13.1	9.6	14.4

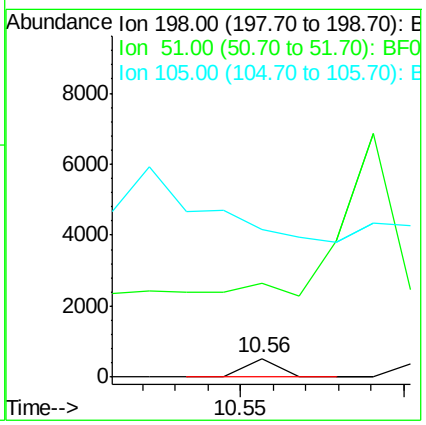


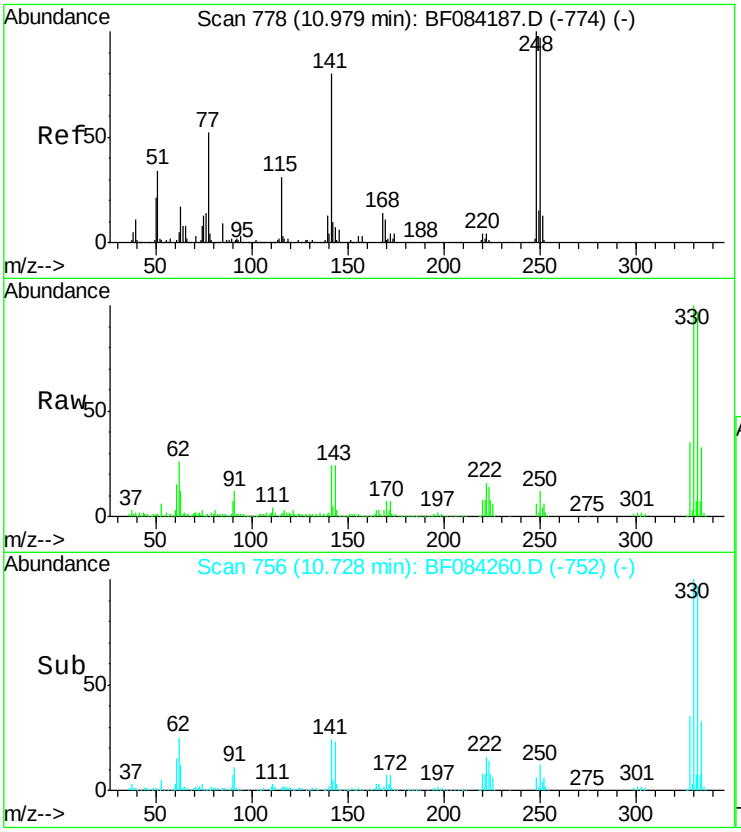


#64
4,6-Dinitro-2-methylphenol
Concen: 6.48 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.02 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:198 Resp: 362

Ion	Ratio	Lower	Upper
198	100		
51	499.6	18.9	58.9#
105	787.5	26.4	66.4#



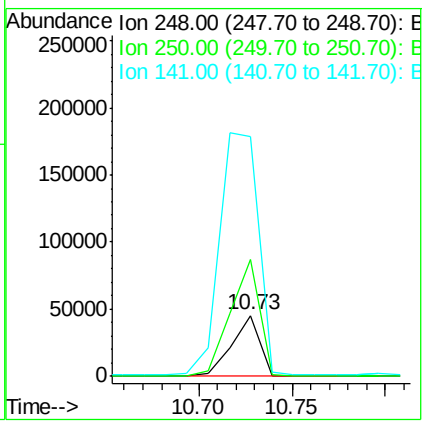


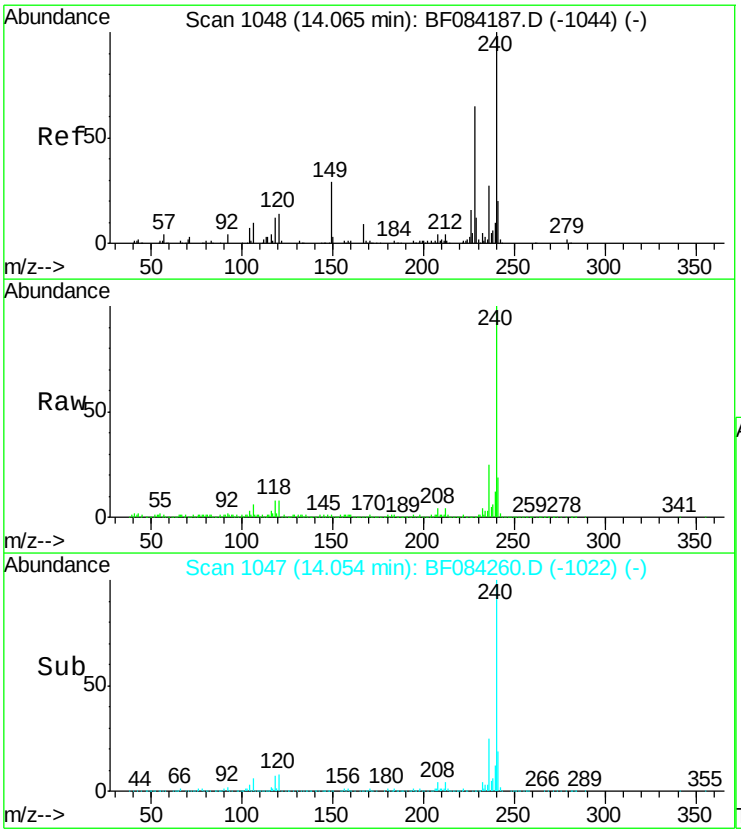
#66
4-Bromophenyl-phenylether
Concen: 5.39 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:248 Resp: 47512

Ion	Ratio	Lower	Upper
248	100		
250	192.2	78.4	117.6#
141	396.0	44.0	66.0#

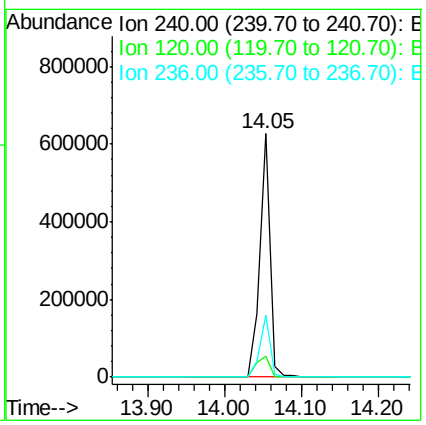


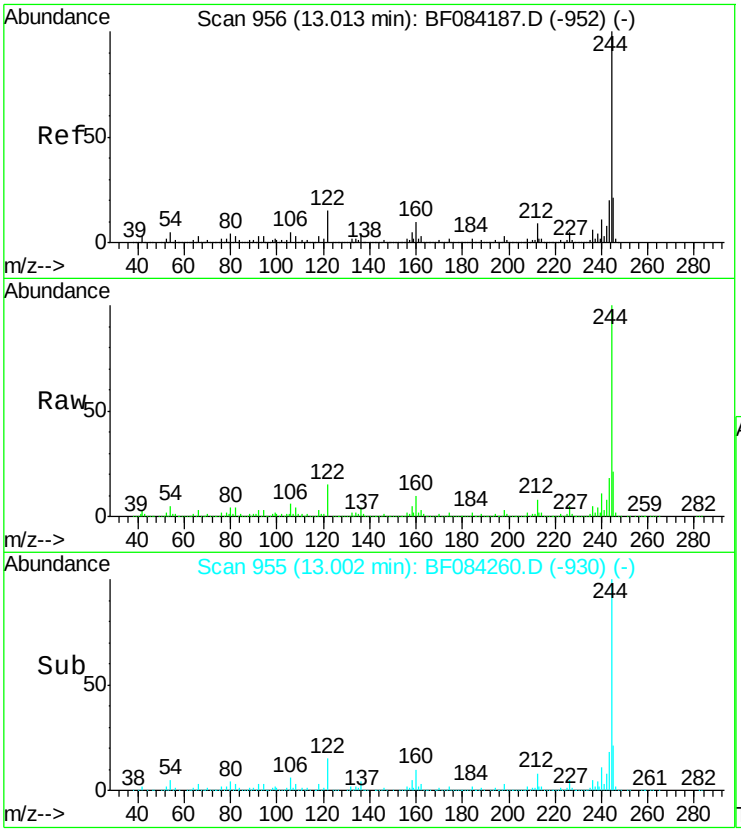


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:240 Resp: 568111

Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	25.4	20.6	31.0



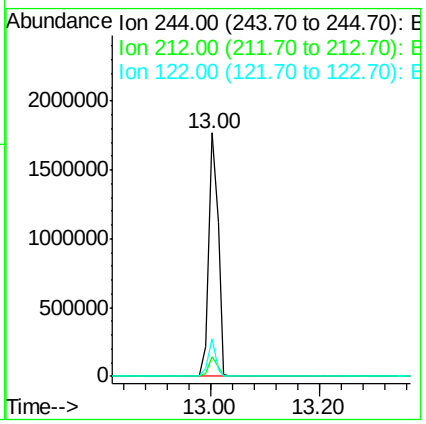


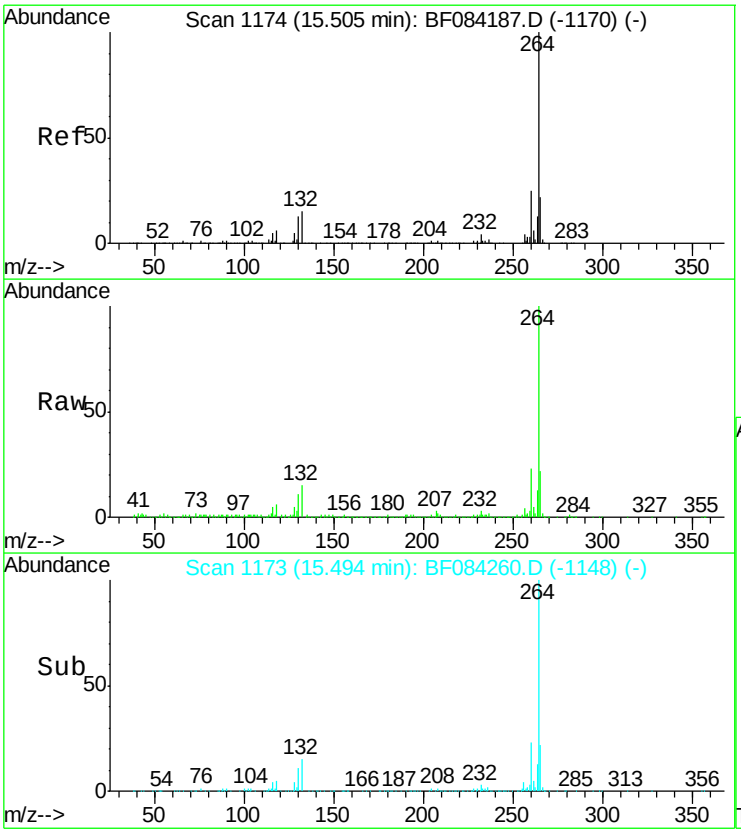
#78
Terphenyl-d14
Concen: 84.53 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion:244 Resp: 2151256

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	15.2	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:264 Resp: 529945

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.0	17.8	26.6