Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086251.D
Acq On : 16 Apr 2016 8:24
Operator : UM/SJ
Sample : H2503-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-FB1-20160412

Quant Time: Apr 18 03:58:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	292476	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1223756	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	526781	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	946235	20.00	ng		0.00
75) Chrysene-d12	14.04	240	557958	20.00	ng		-0.01
86) Perylene-d12	15.48	264	475966	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1094139	61.29	ng		0.00
7) Phenol-d6	6.51	99	892303	39.96	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1770446	83.44	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	498734	117.90	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2538470	88.92	ng		-0.01
78) Terphenyl-d14	13.00	244	1987449	89.57	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	40856	2.58	ng	#	66
19) n-Nitroso-di-n-propylamine	7.46	70	256659	17.96	ng	#	80
22) Acetophenone	7.30	105	22691	Below Cal		#	90
50) 2,6-Dinitrotoluene	9.93	165	65594	7.74	ng	#	32
56) 2,4-Dinitrotoluene	9.93	165	65581	6.04	ng	#	31
57) Fluorene	10.72	166	22844	Below Cal		#	89
66) 4-Bromophenyl-phenylether	10.72	248	29901	3.39	ng	#	1
71) Anthracene	11.44	178	1728	Below Cal		#	66
74) Fluoranthene	12.61	202	1218	Below Cal			61
83) Bis(2-ethylhexyl)phthalate	14.04	149	281459	13.18	ng		100

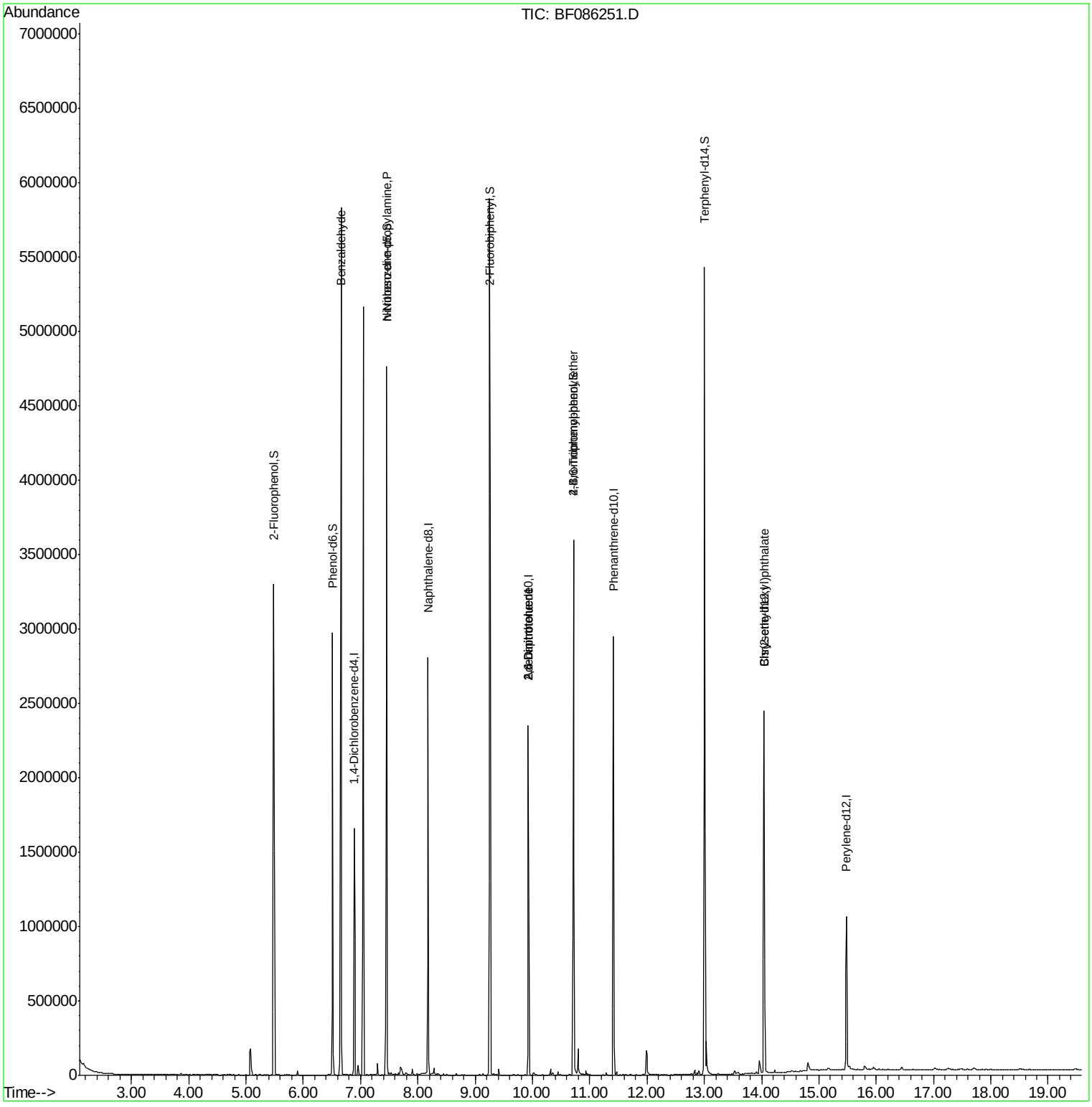
(#) = qualifier out of range (m) = manual integration (+) = signals summed

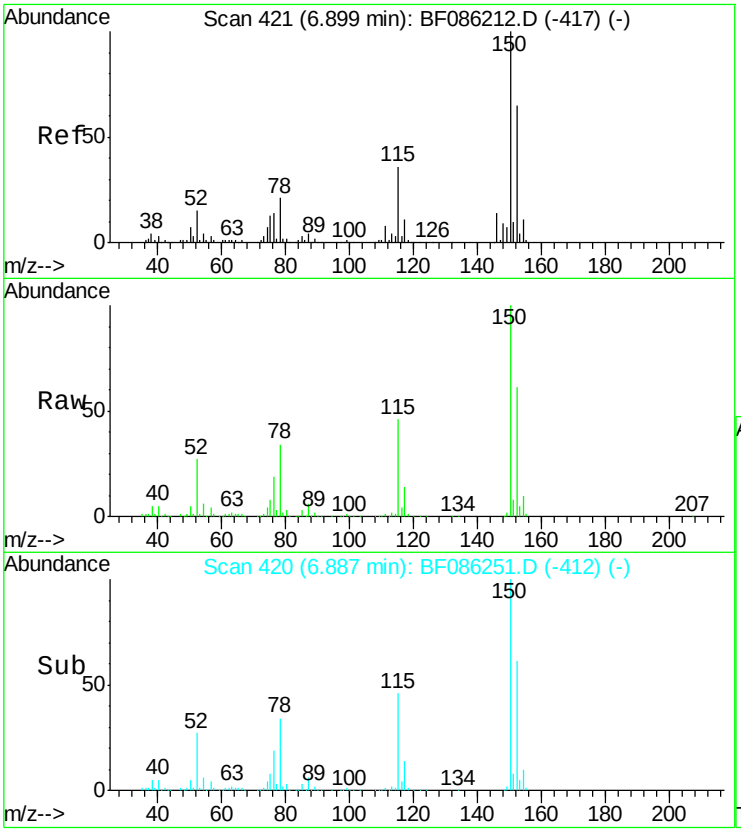
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086251.D
Acq On : 16 Apr 2016 8:24
Operator : UM/SJ
Sample : H2503-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Quant Time: Apr 18 03:58:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration



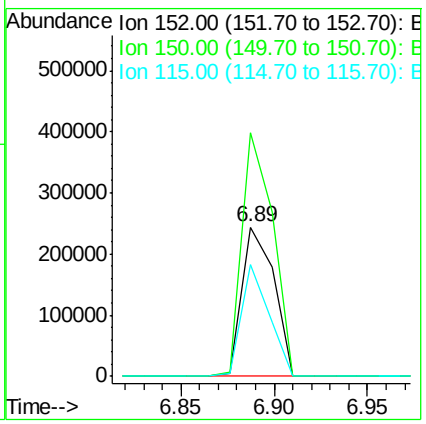


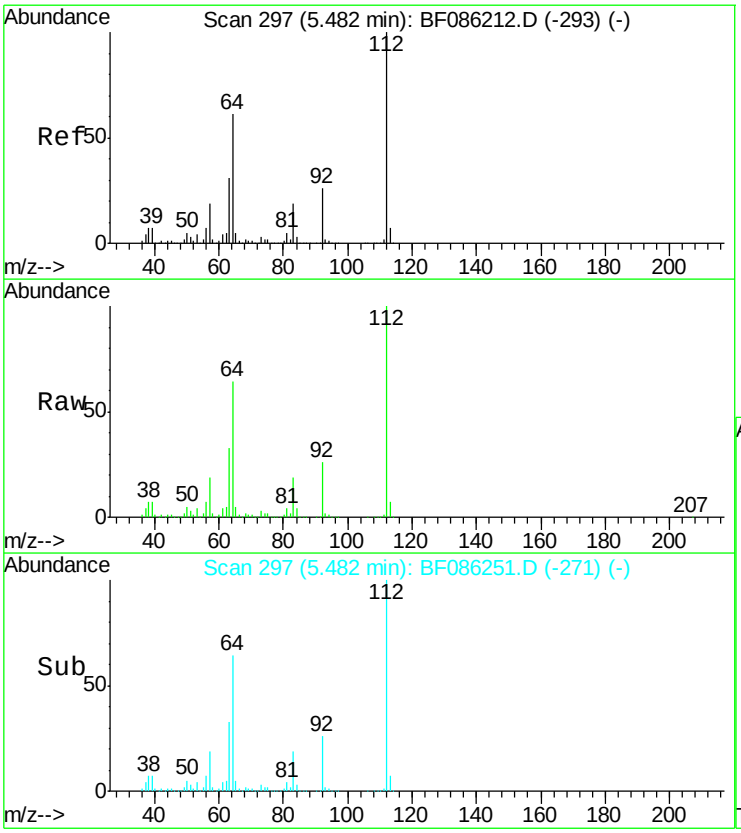
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion:152 Resp: 292476

Ion	Ratio	Lower	Upper
152	100		
150	163.5	124.1	186.1
115	74.6	43.9	65.9#

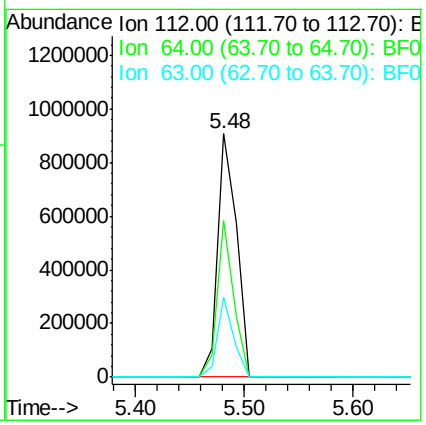


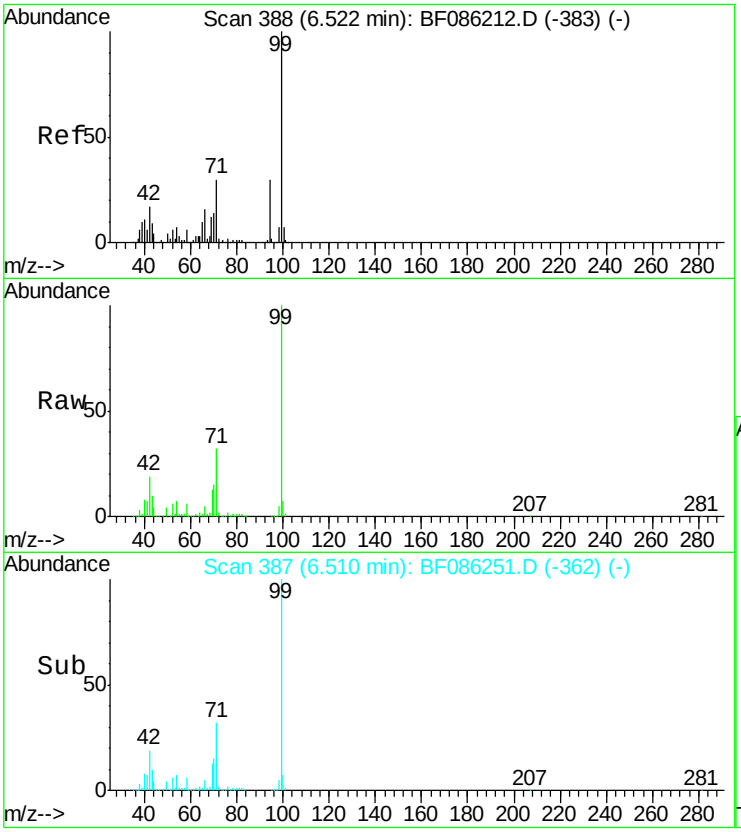


#5
2-Fluorophenol
Concen: 61.29 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion:112 Resp: 1094139

Ion	Ratio	Lower	Upper
112	100		
64	64.3	48.1	72.1
63	32.7	25.5	38.3



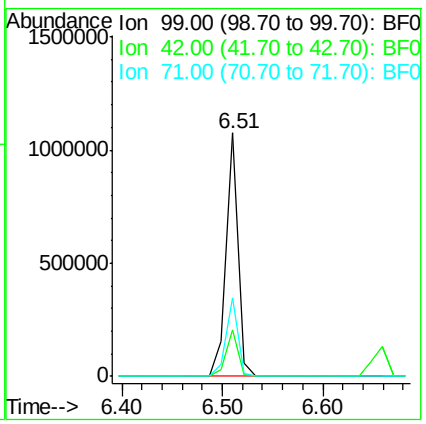


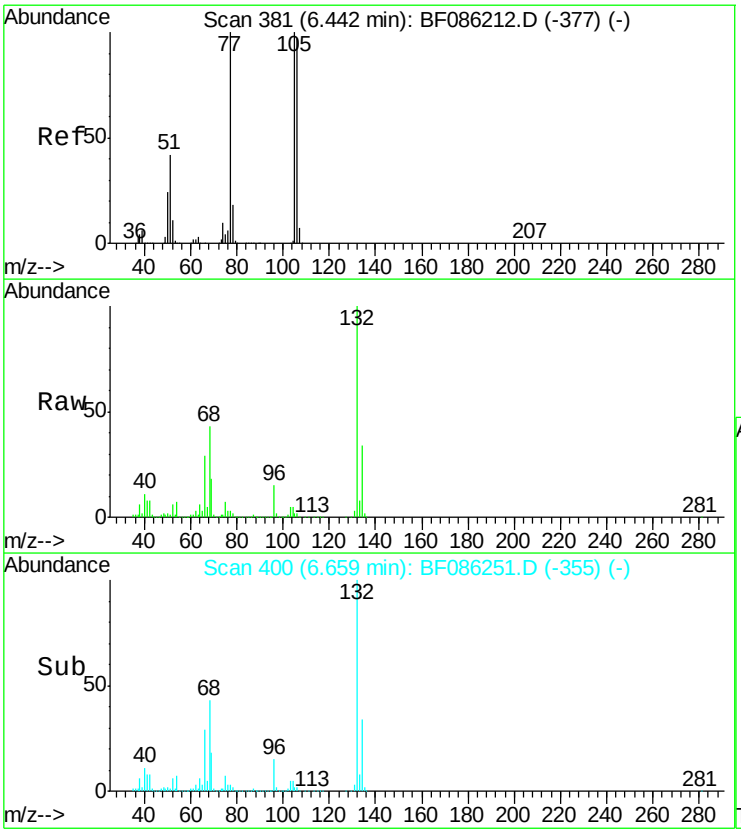
#7
Phenol-d6
Concen: 39.96 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion: 99 Resp: 892303

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.2
71	32.3	25.6	38.4

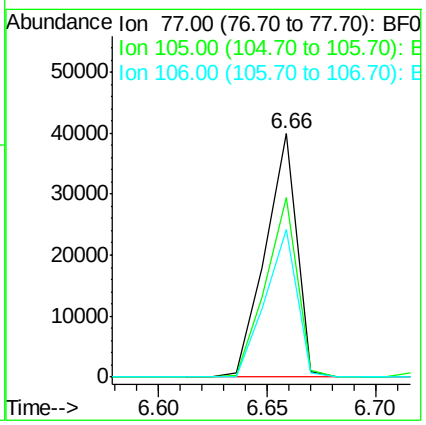


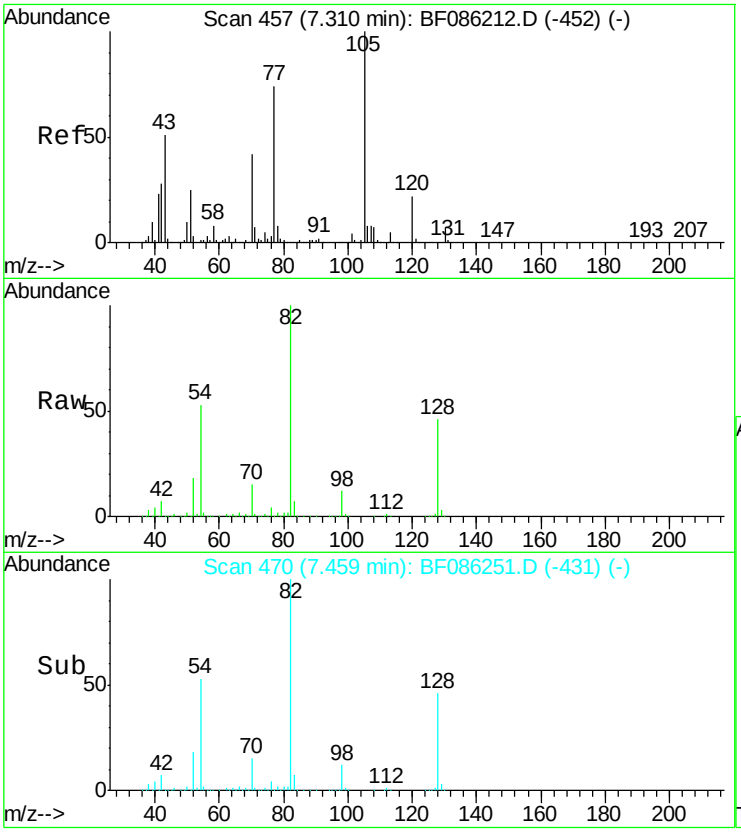


#9
Benzaldehyde
Concen: 2.58 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.22 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion: 77 Resp: 40856

Ion	Ratio	Lower	Upper
77	100		
105	73.5	84.6	124.6#
106	60.9	78.6	118.6#



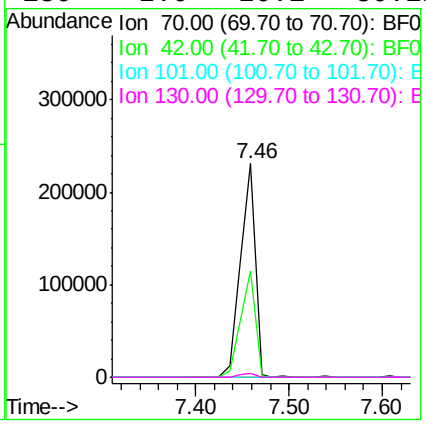


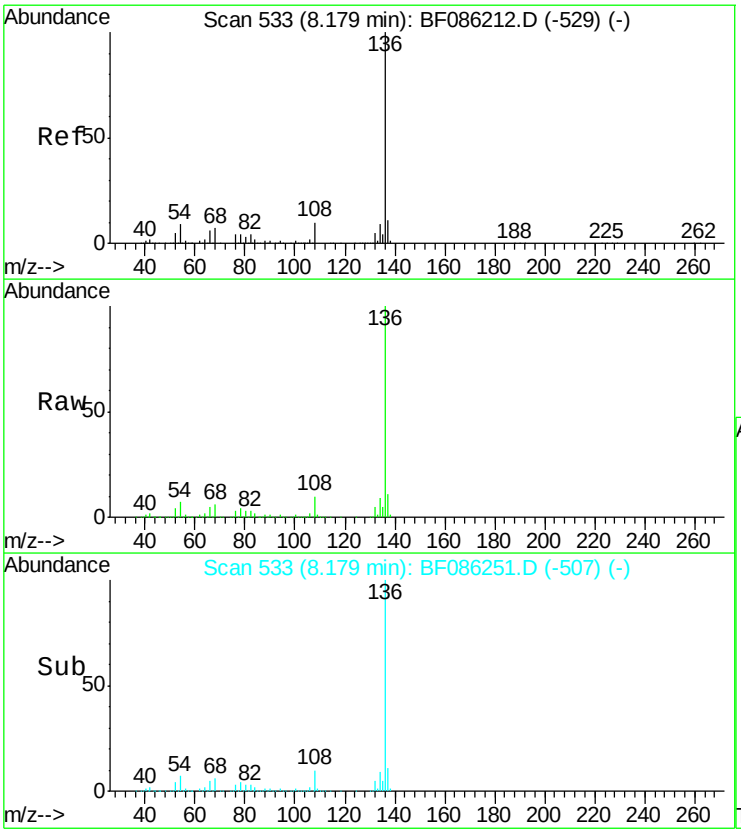
#19
n-Nitroso-di-n-propylamine
Concen: 17.96 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.15 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion: 70 Resp: 256659

Ion	Ratio	Lower	Upper
70	100		
42	49.5	43.0	64.4
101	0.0	8.1	12.1#
130	2.0	20.1	30.1#

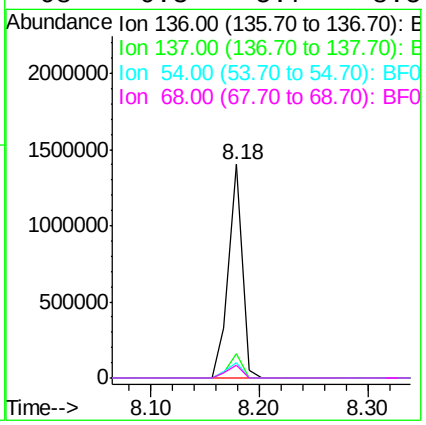


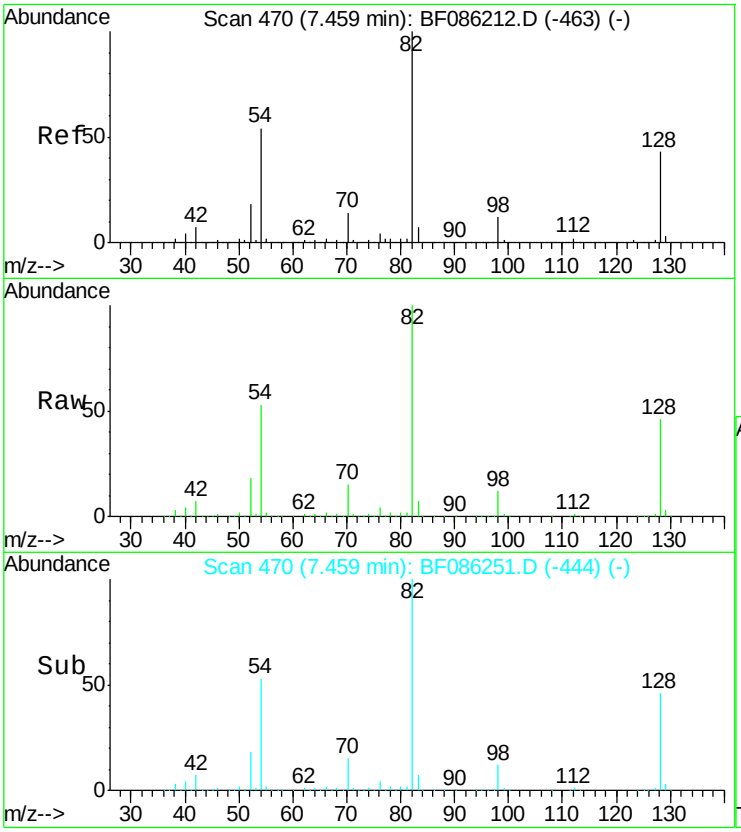


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion:136 Resp: 1223756

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.3	7.3	10.9
68	6.3	5.7	8.5



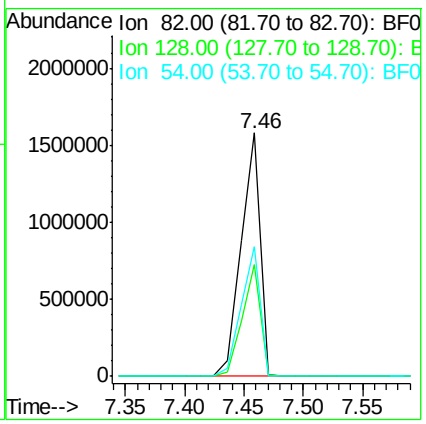


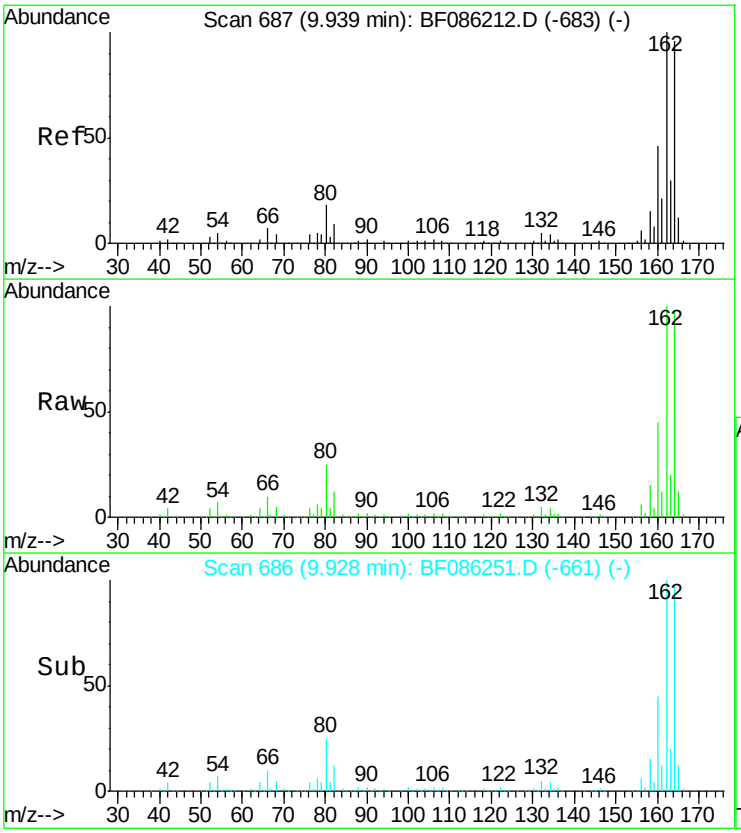
#23
Nitrobenzene-d5
Concen: 83.44 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion: 82 Resp: 1770446

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.4	53.2
54	53.3	43.4	65.0

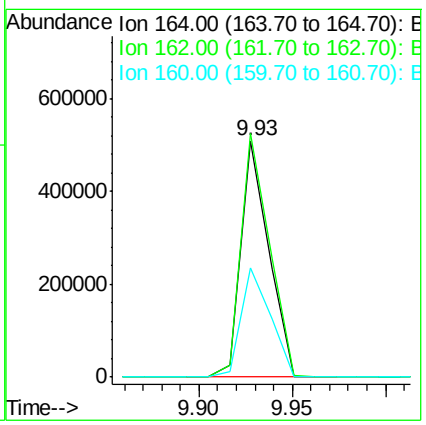


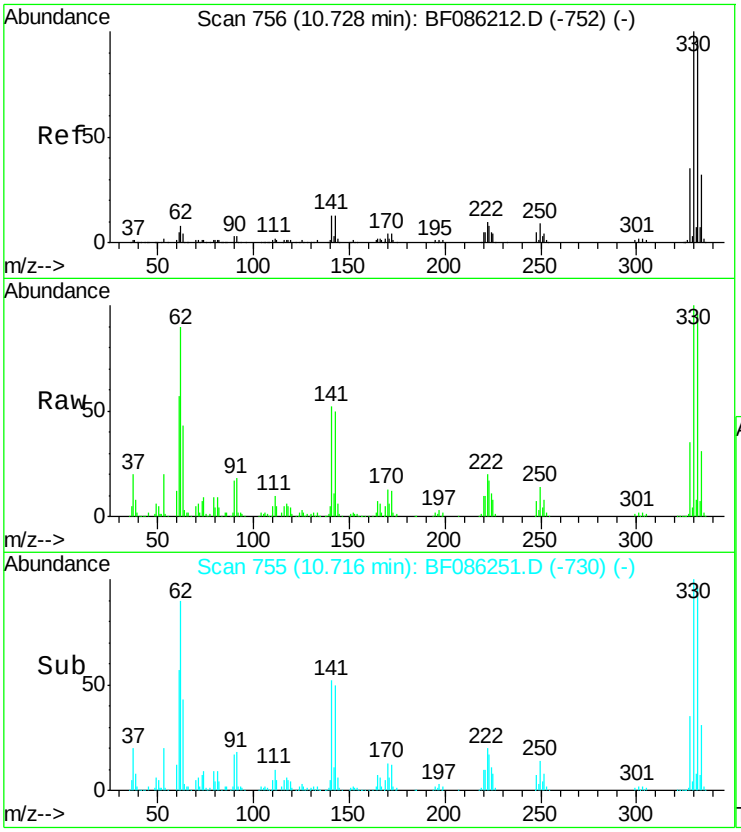


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion:164 Resp: 526781

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	46.4	38.9	58.3



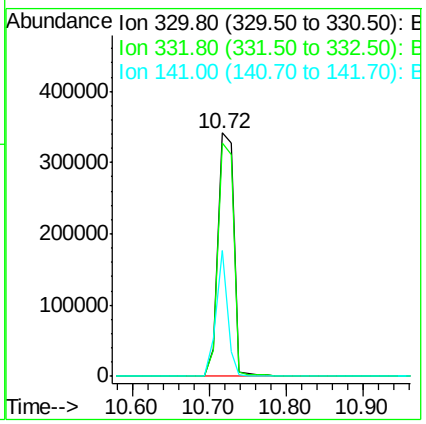


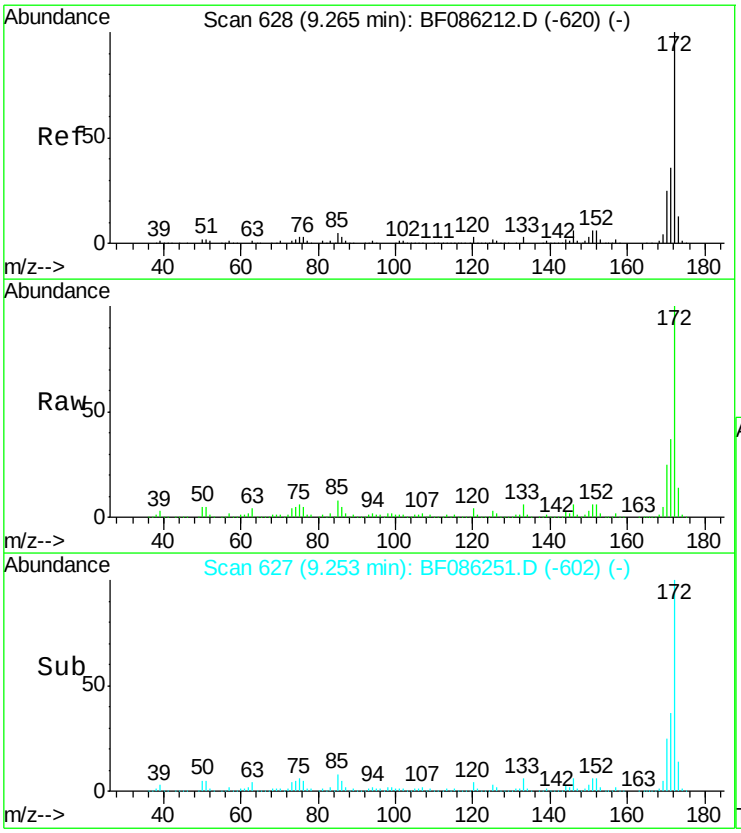
#41
2,4,6-Tribromophenol
Concen: 117.90 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion:330 Resp: 498734

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.7	118.1
141	37.4	28.6	42.8

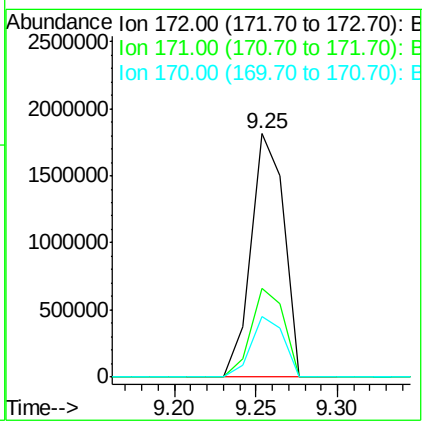


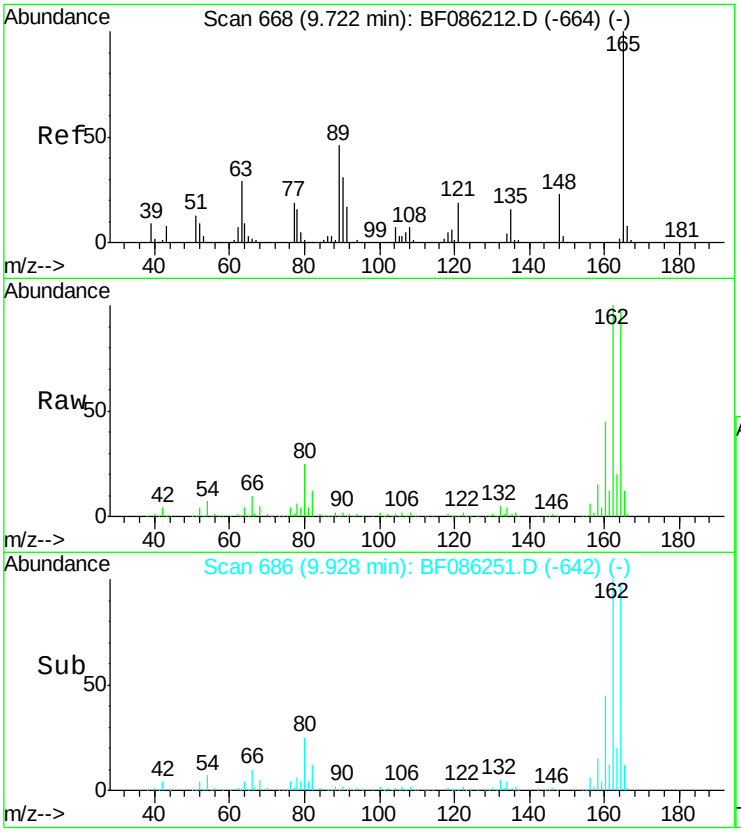


#44
2-Fluorobiphenyl
Concen: 88.92 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion:172 Resp: 2538470

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	25.1	19.9	29.9



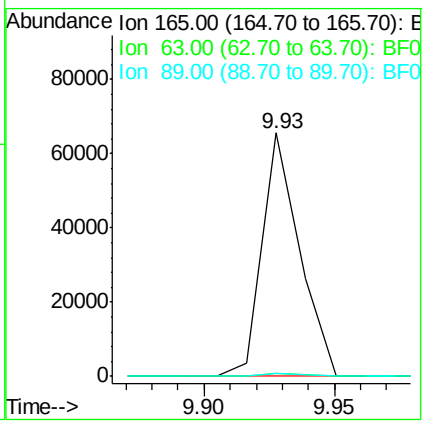


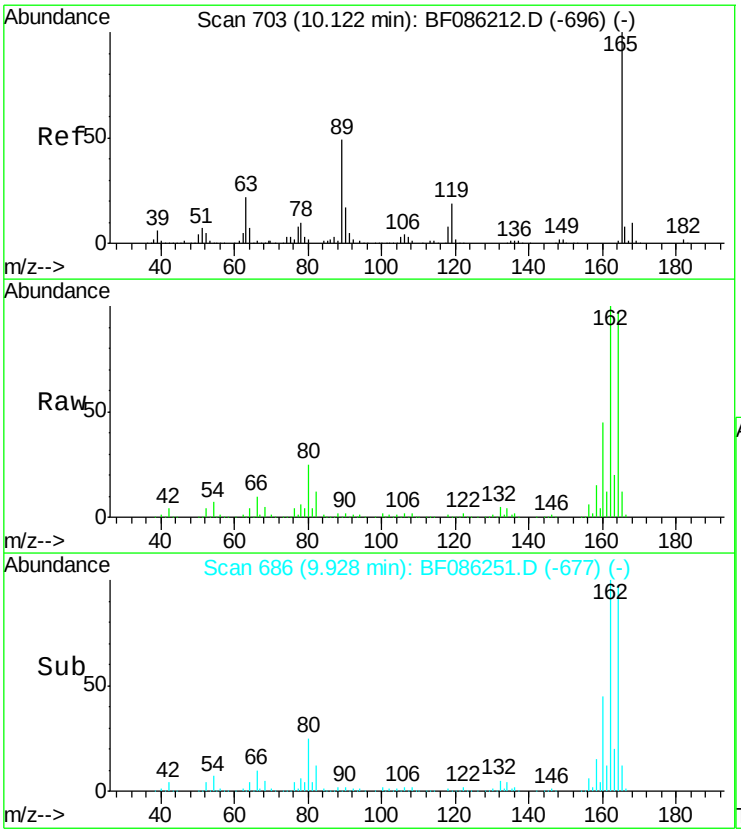
#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.21 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion:165 Resp: 65594

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.1	52.7#
89	1.5	39.8	59.6#

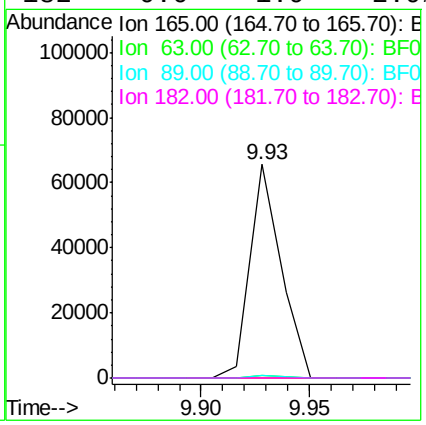


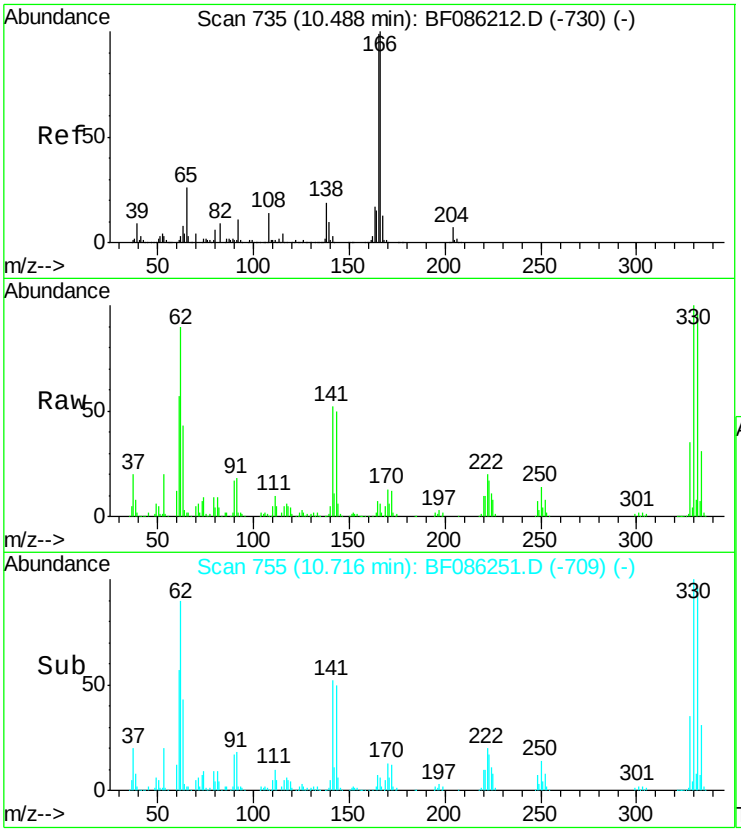


#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion:165 Resp: 65581

Ion	Ratio	Lower	Upper
165	100		
63	1.1	26.6	40.0#
89	1.5	49.5	74.3#
182	0.0	1.9	2.9#



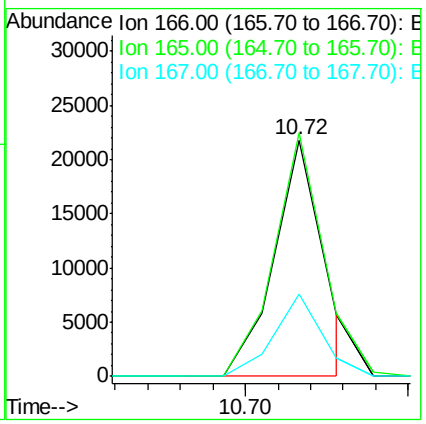


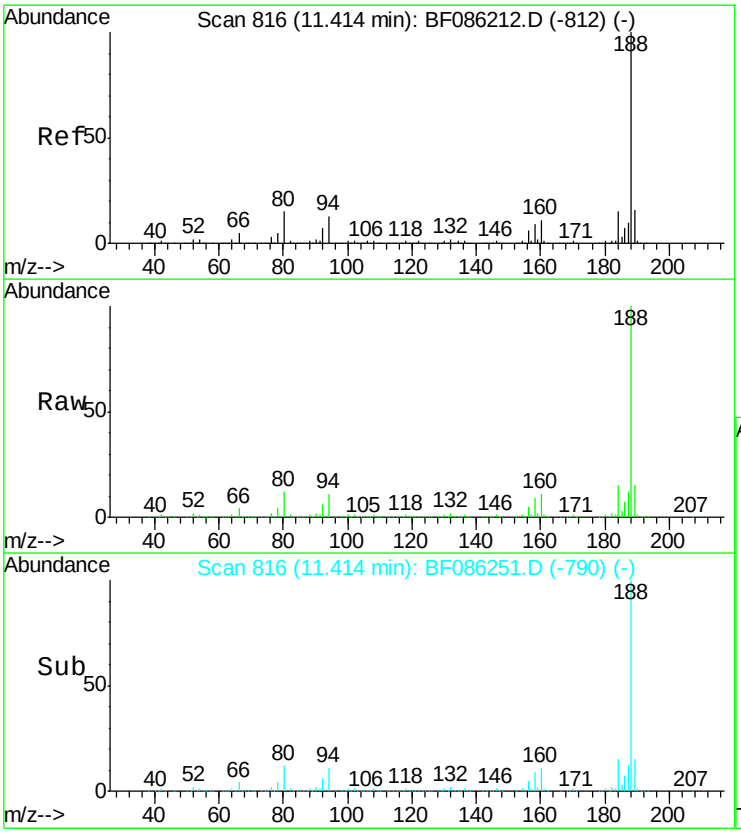
#57
Fluorene
Concen: Below Cal
RT: 10.72 min Scan# 755
Delta R.T. 0.23 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion:166 Resp: 22844

Ion	Ratio	Lower	Upper
166	100		
165	103.2	78.6	117.8
167	35.0	10.4	15.6#

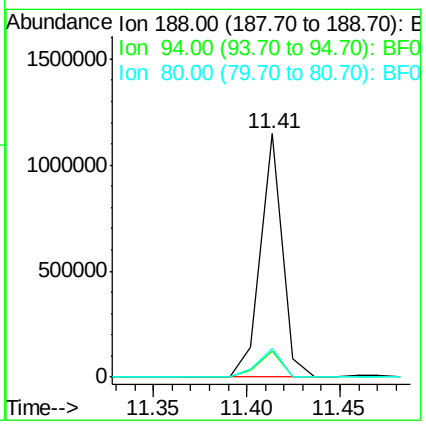


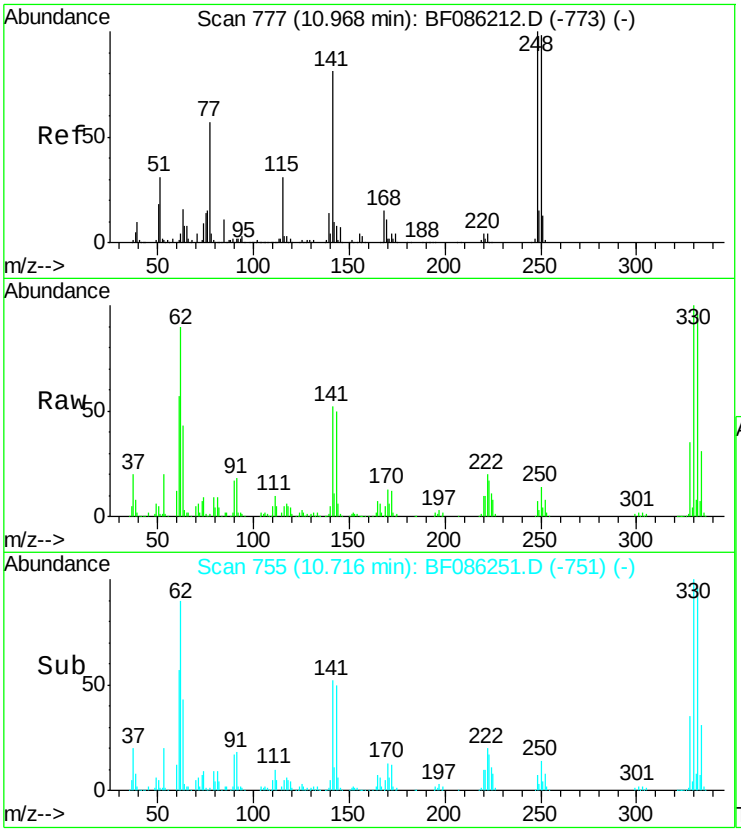


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion:188 Resp: 946235

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.8	14.8
80	11.9	10.5	15.7



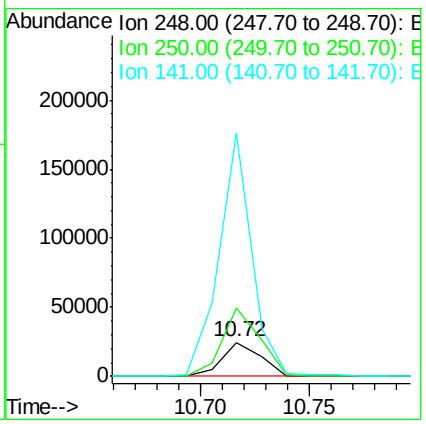


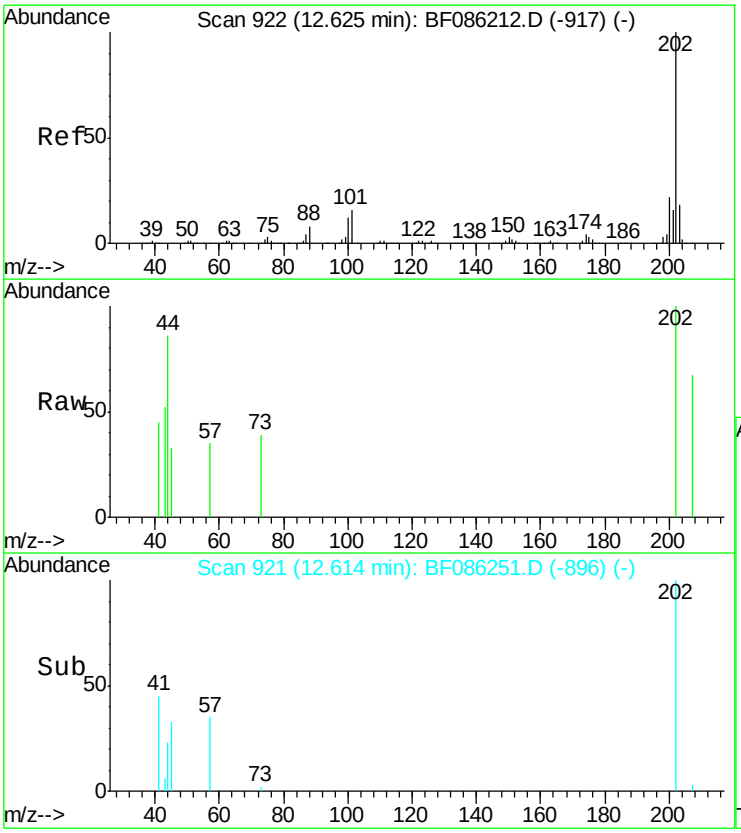
#66
4-Bromophenyl-phenylether
Concen: 3.39 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion:248 Resp: 29901

Ion	Ratio	Lower	Upper
248	100		
250	199.5	78.6	118.0#
141	715.4	57.9	86.9#

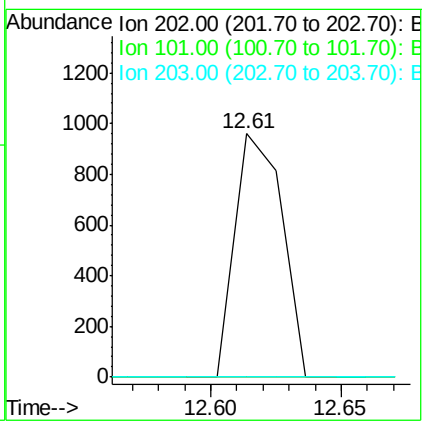


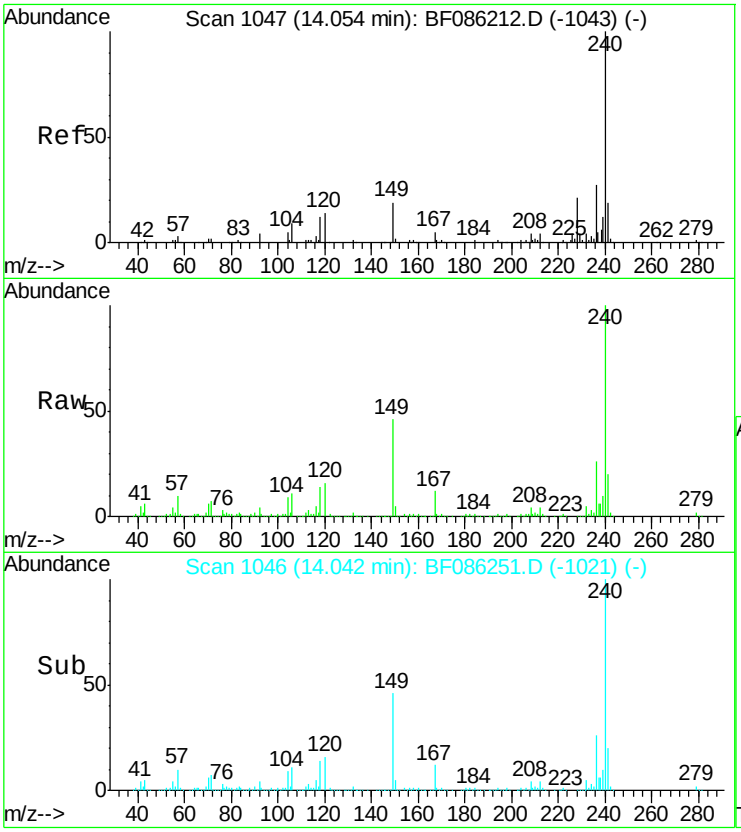


#74
Fluoranthene
Concen: Below Cal
RT: 12.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion:202 Resp: 1218

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	35.2
203	0.0	0.0	38.2



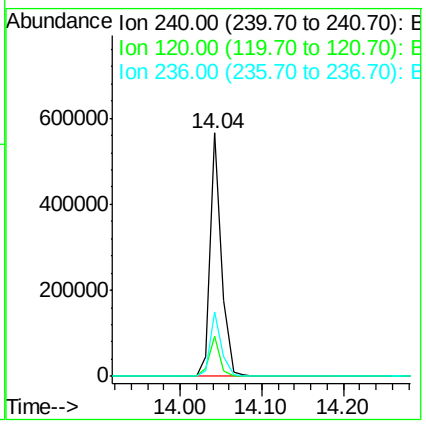


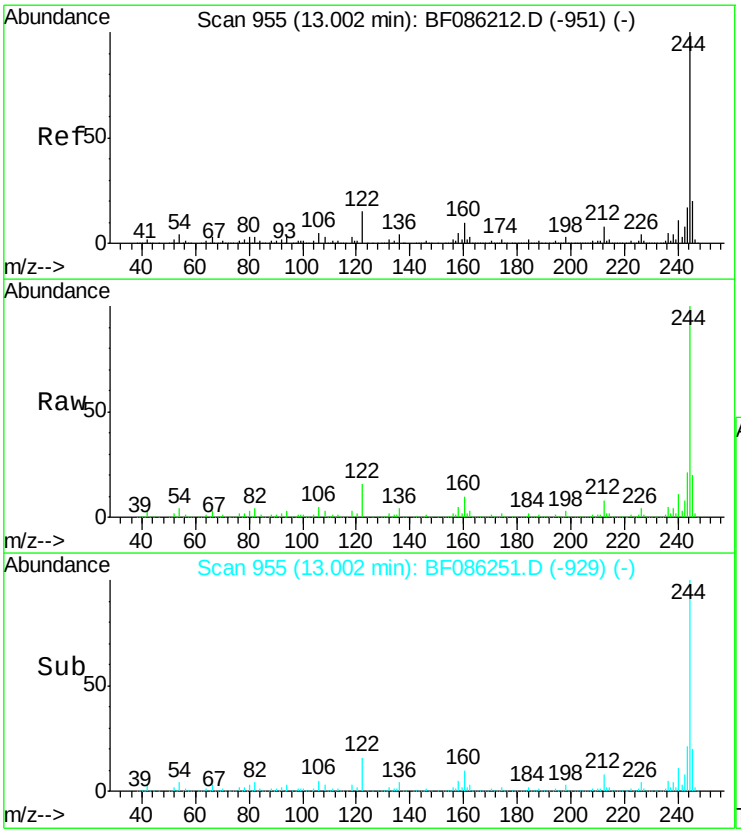
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion:240 Resp: 557958

Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.3	13.9#
236	26.4	21.1	31.7

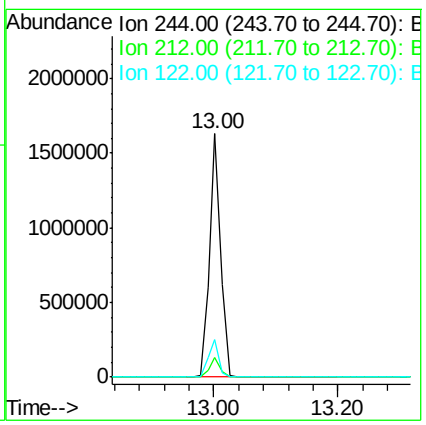


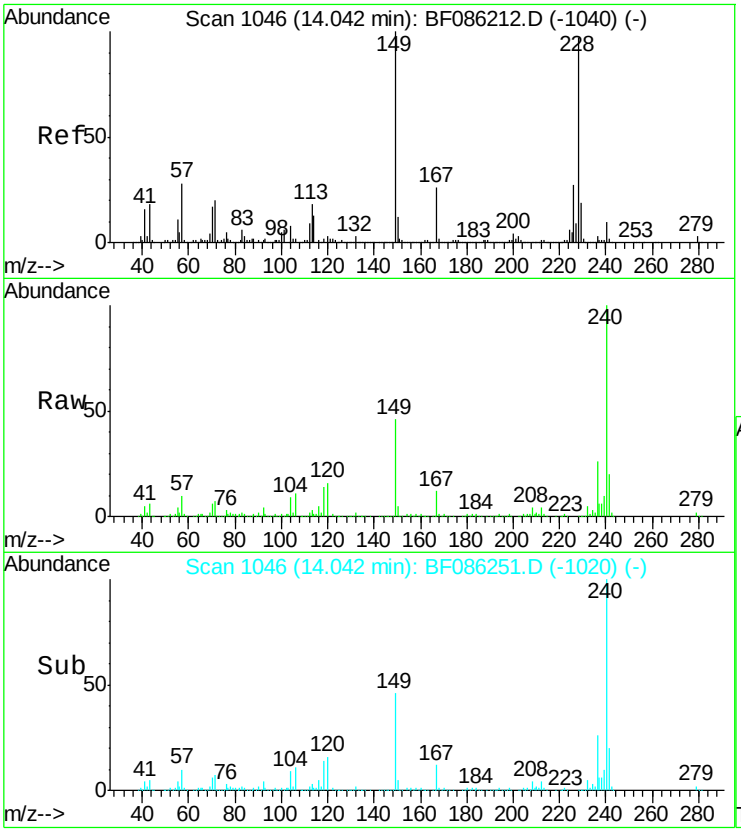


#78
Terphenyl-d14
Concen: 89.57 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion:244 Resp: 1987449

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	15.6	11.7	17.5



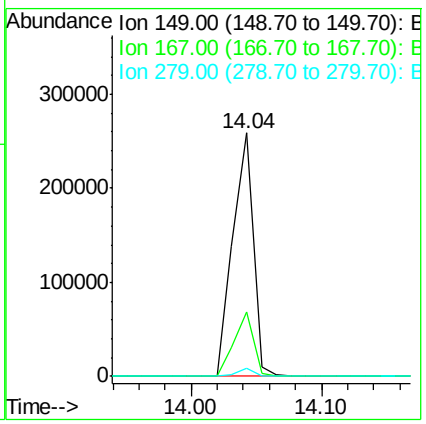


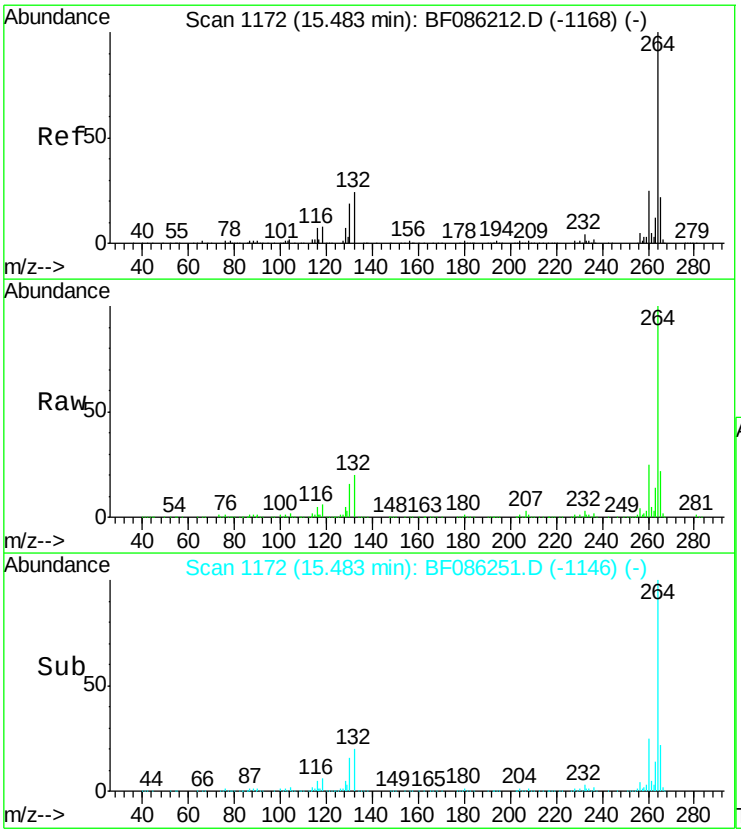
#83
Bis(2-ethylhexyl)phthalate
Concen: 13.18 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-FB1-20160412

Tgt Ion:149 Resp: 281459

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.4	2.4	3.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086251.D
Acq: 16 Apr 2016 8:24

Tgt Ion:264 Resp: 475966

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	21.6	17.4	26.0