Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086394.D
Acq On : 23 Apr 2016 17:00
Operator : UM/SJ
Sample : H2640-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B11(4-8)-C

Quant Time: Apr 25 00:53:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	189476	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	737931	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	315127	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	524538	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	382444	20.00	ng		-0.01
86) Perylene-d12	15.41	264	303015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1440399	131.28	ng		0.02
7) Phenol-d6	6.48	99	1955362	131.09	ng		0.00
23) Nitrobenzene-d5	7.41	82	1230030	98.74	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	342819	120.18	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1886901	102.18	ng		0.00
78) Terphenyl-d14	12.95	244	1220202	79.27	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.00	79	20347	2.30	ng	#	37
19) n-Nitroso-di-n-propylamine	7.41	70	160056	17.96	ng	#	76
25) Isophorone	7.41	82	1224090	50.14	ng	#	68
49) Dimethylphthalate	9.60	163	245836	10.80	ng		100
56) 2,4-Dinitrotoluene	9.88	165	39813	6.10	ng	#	16
66) 4-Bromophenyl-phenylether	10.67	248	20748	4.04	ng	#	1
70) Phenanthrene	11.38	178	56323	2.14	ng		98
74) Fluoranthene	12.57	202	75492	2.66	ng		94
77) Pyrene	12.80	202	67542	2.53	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	88824	6.38	ng	#	97
87) Benzo(b)fluoranthene	15.00	252	50125	3.01	ng	#	76
88) Benzo(k)fluoranthene	15.00	252	50125	3.07	ng	#	74

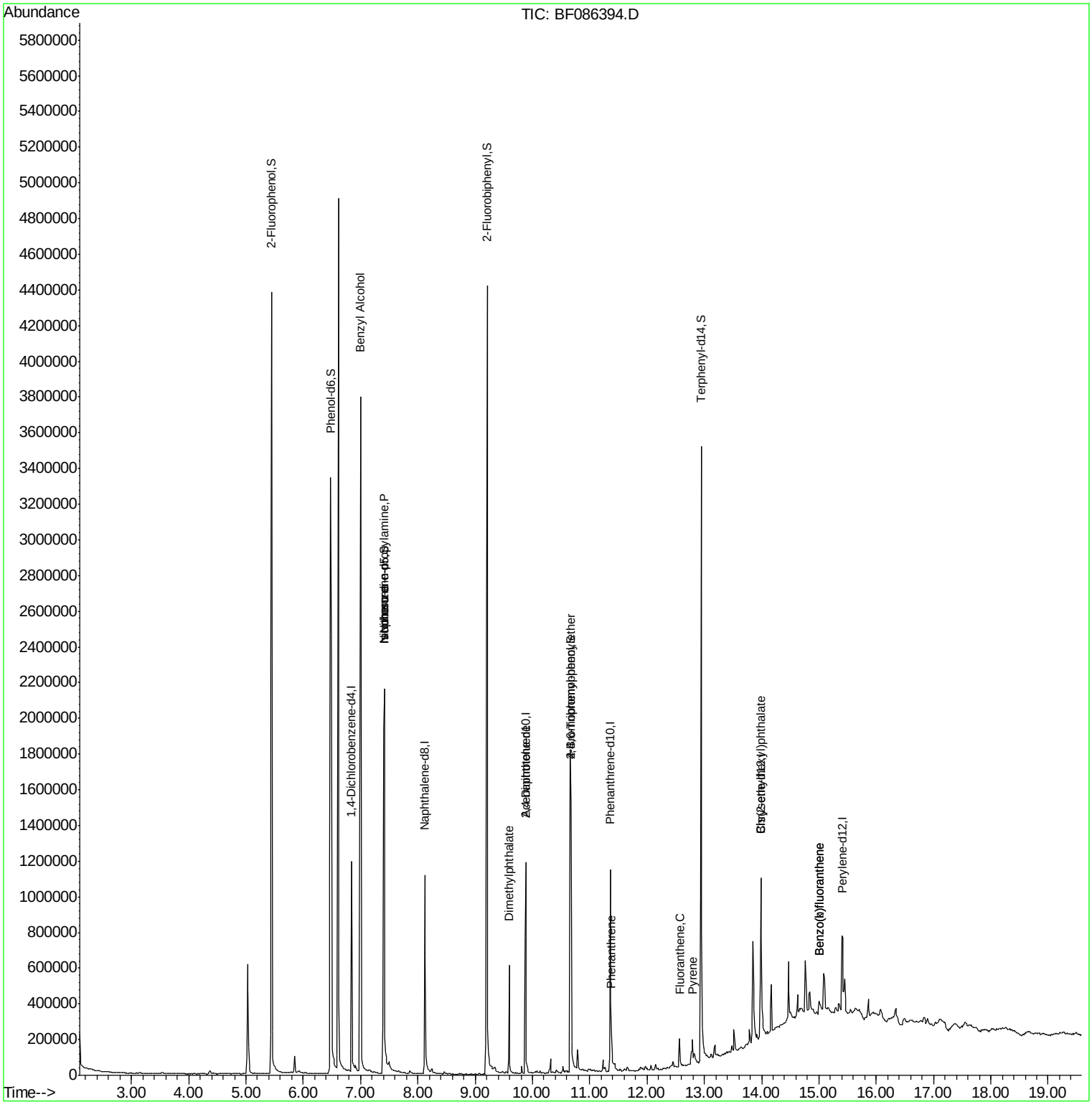
(#) = qualifier out of range (m) = manual integration (+) = signals summed

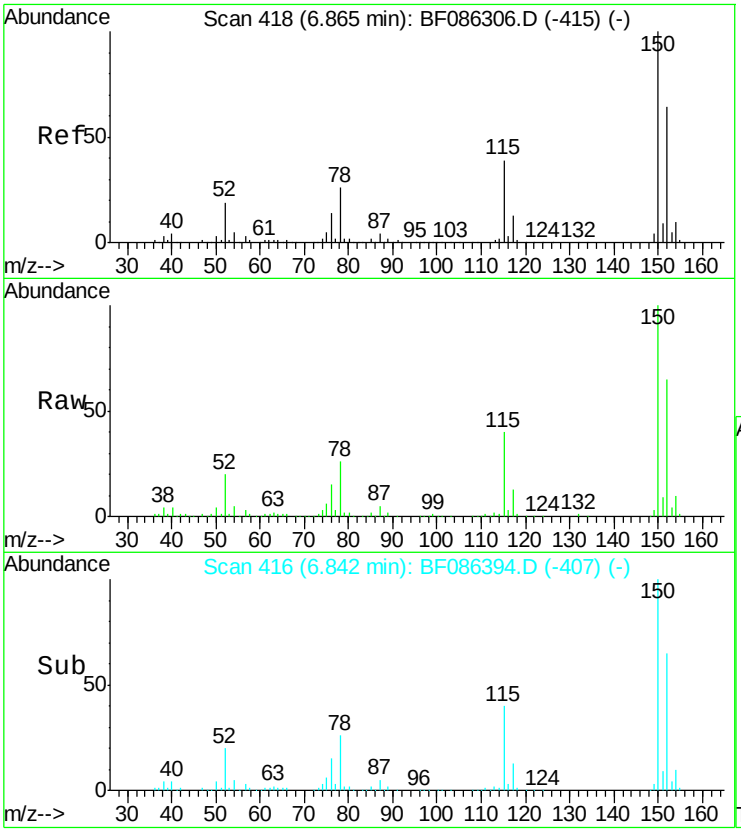
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086394.D
Acq On : 23 Apr 2016 17:00
Operator : UM/SJ
Sample : H2640-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Quant Time: Apr 25 00:53:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration



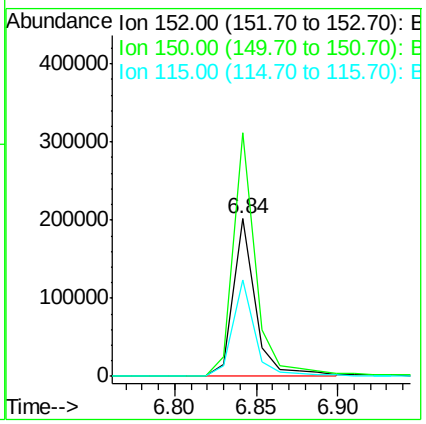


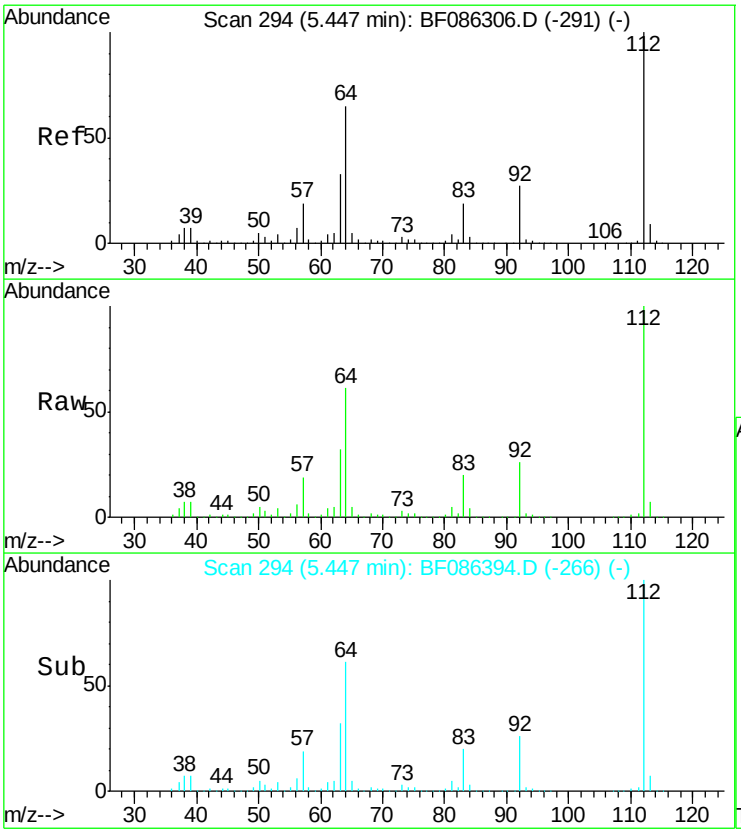
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion:152 Resp: 189476

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.8	188.6
115	61.5	51.5	77.3

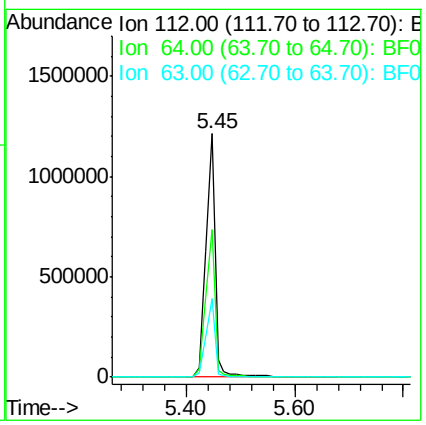


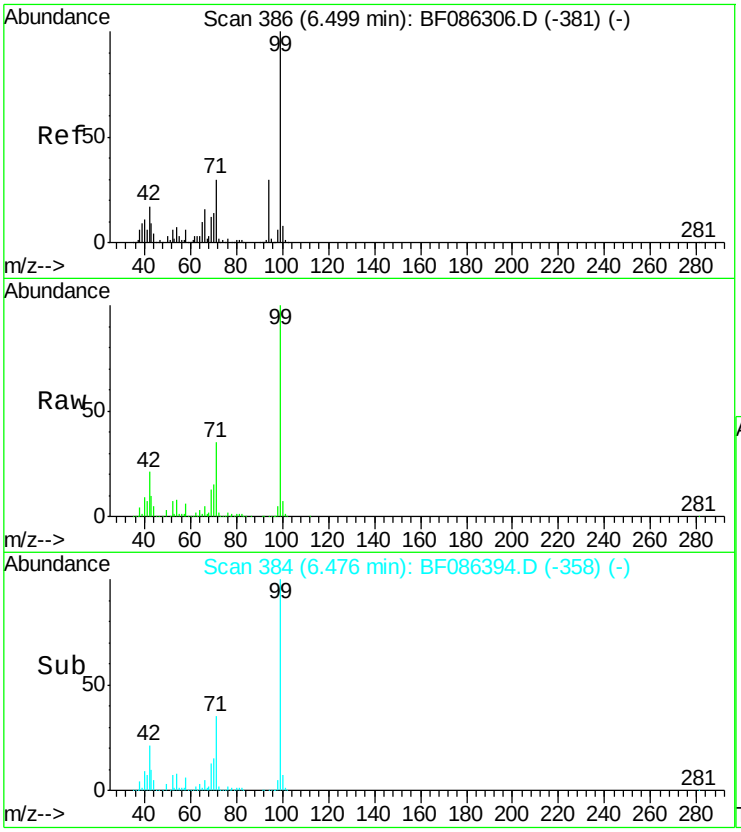


#5
2-Fluorophenol
Concen: 131.28 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:112 Resp: 1440399

Ion	Ratio	Lower	Upper
112	100		
64	60.6	52.1	78.1
63	32.1	25.7	38.5



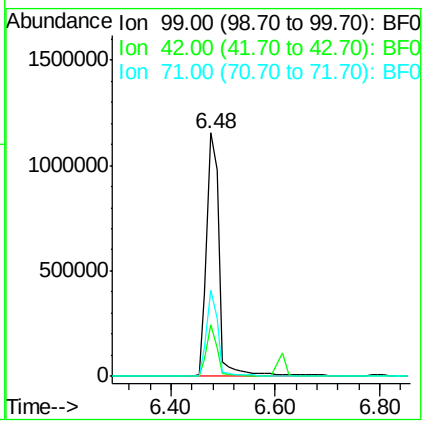


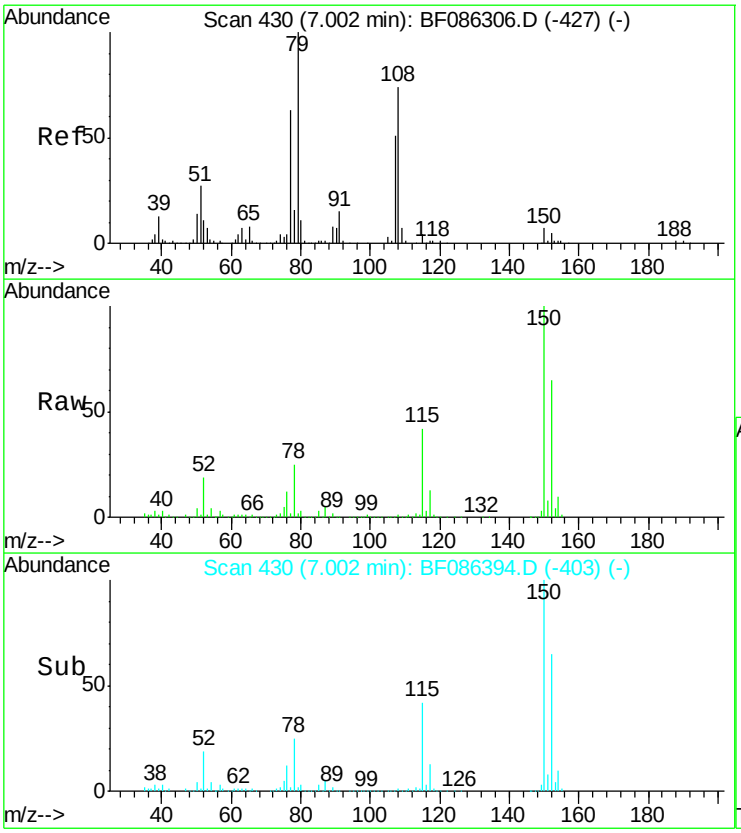
#7
Phenol-d6
Concen: 131.09 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion: 99 Resp: 1955362

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.6	20.4#
71	35.5	24.6	36.8

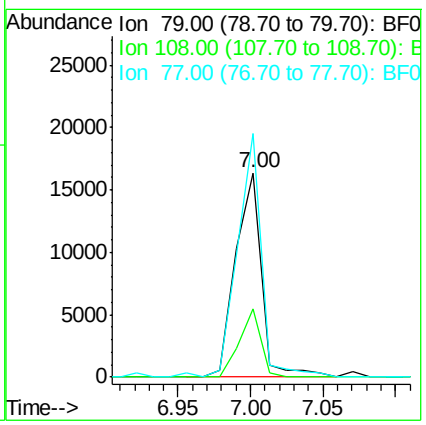


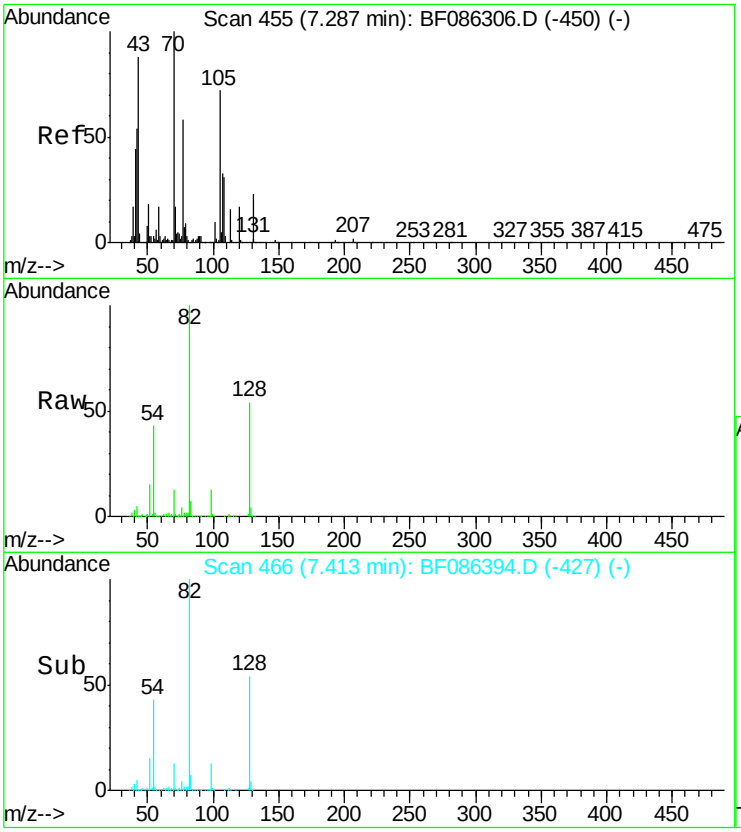


#15
Benzyl Alcohol
Concen: 2.30 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.01 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion: 79 Resp: 20347

Ion	Ratio	Lower	Upper
79	100		
108	33.5	68.4	102.6#
77	119.0	50.6	76.0#



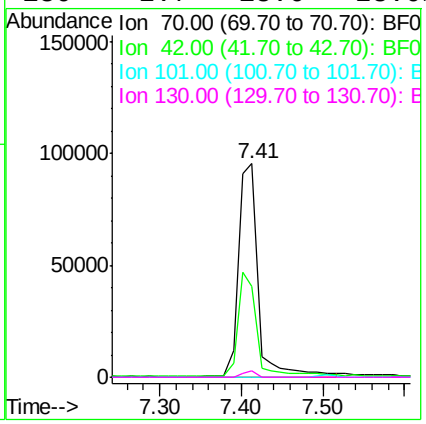


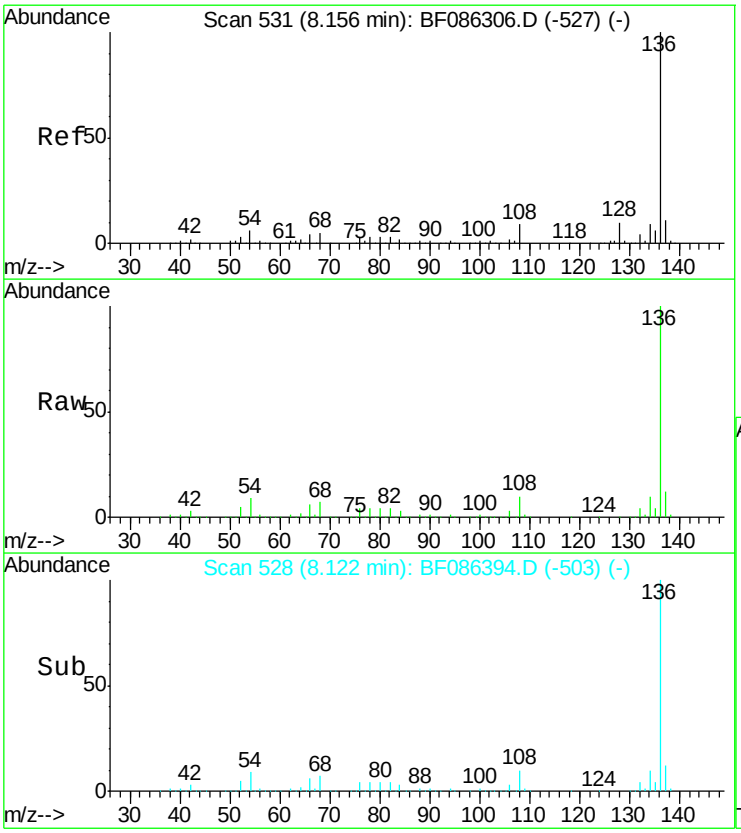
#19
n-Nitroso-di-n-propylamine
Concen: 17.96 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion: 70 Resp: 160056

Ion	Ratio	Lower	Upper
70	100		
42	42.3	43.1	64.7#
101	0.0	8.1	12.1#
130	2.7	18.6	28.0#

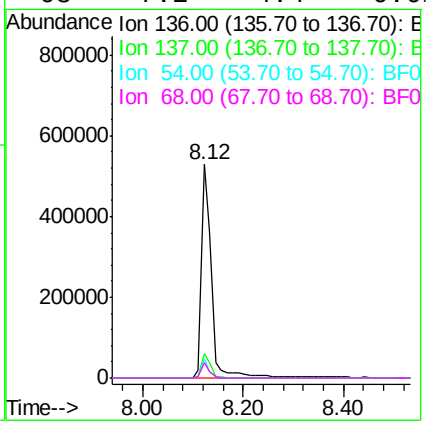


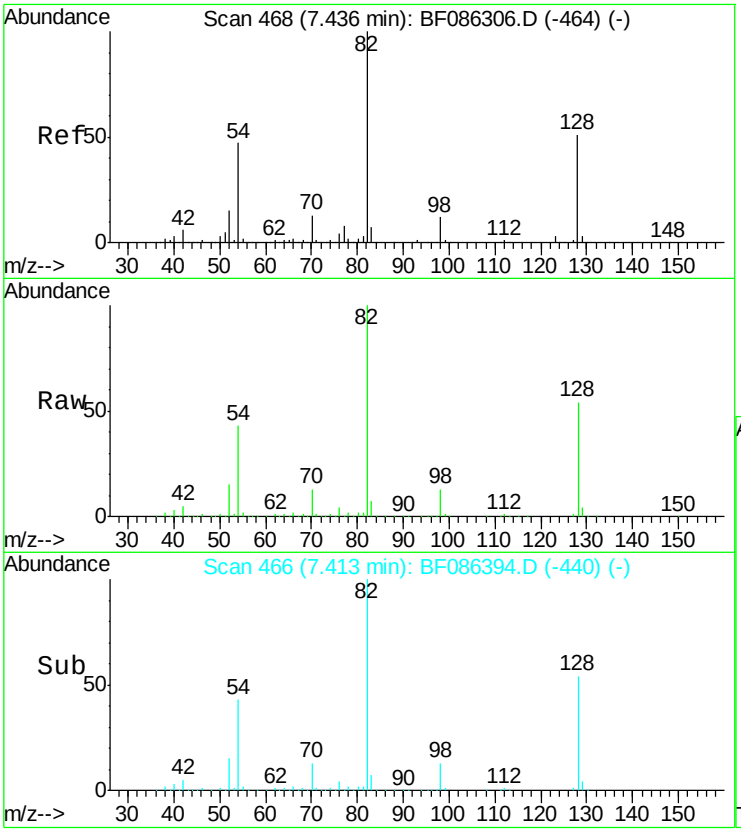


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:136 Resp: 737931

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	9.1	5.0	7.4#
68	7.2	4.4	6.6#



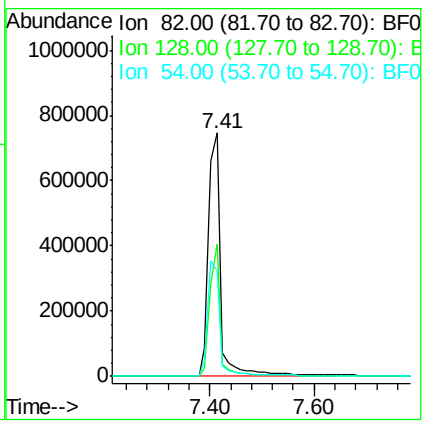


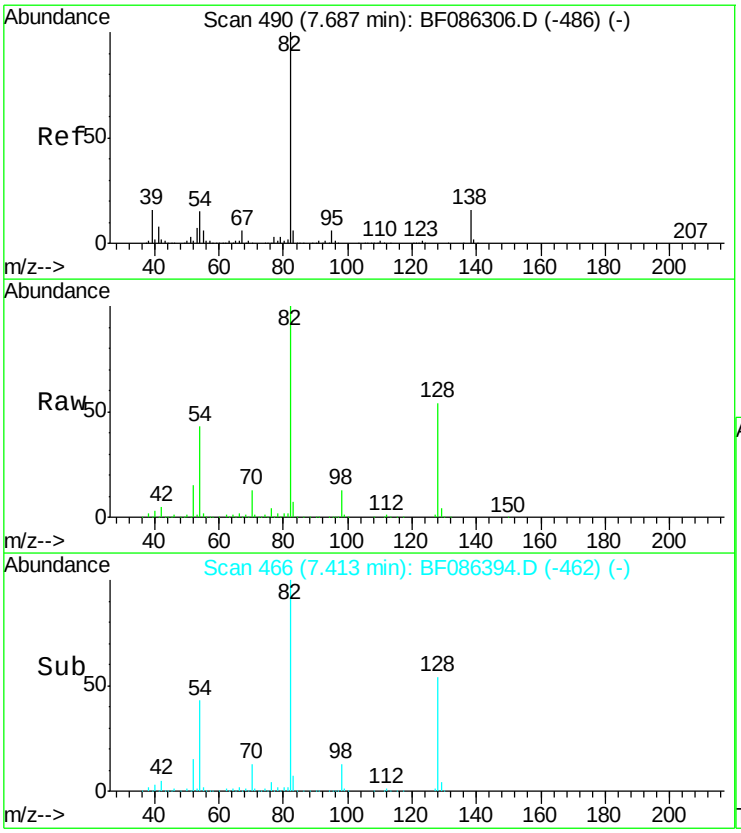
#23
Nitrobenzene-d5
Concen: 98.74 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion: 82 Resp: 1230030

Ion	Ratio	Lower	Upper
82	100		
128	54.1	40.6	61.0
54	43.5	38.1	57.1

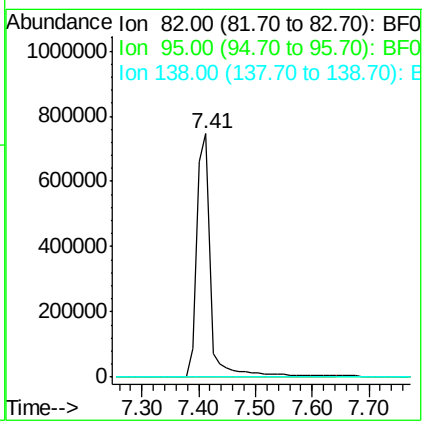


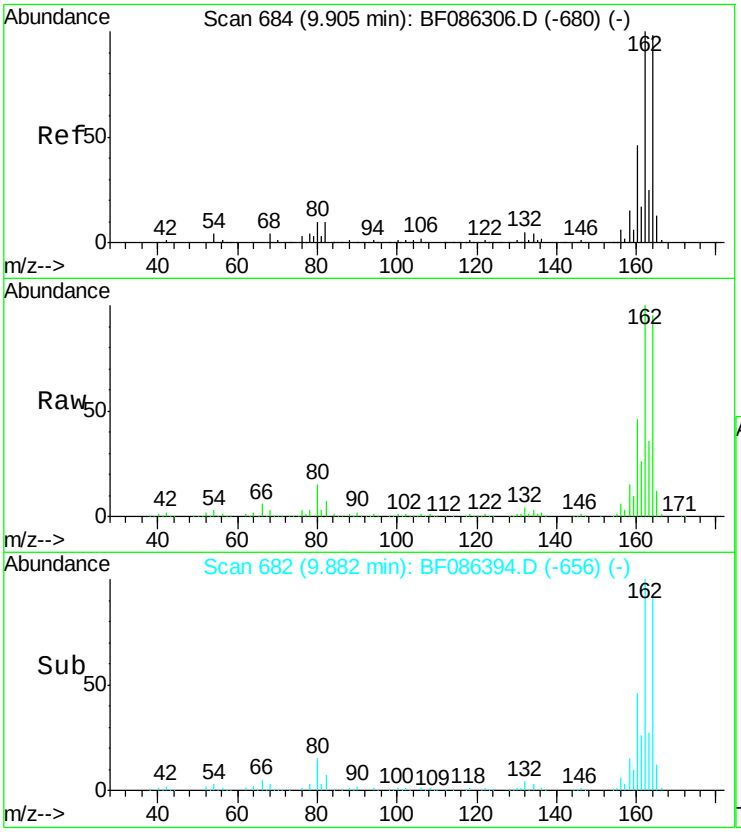


#25
Isophorone
Concen: 50.14 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.25 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion: 82 Resp: 1224090

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



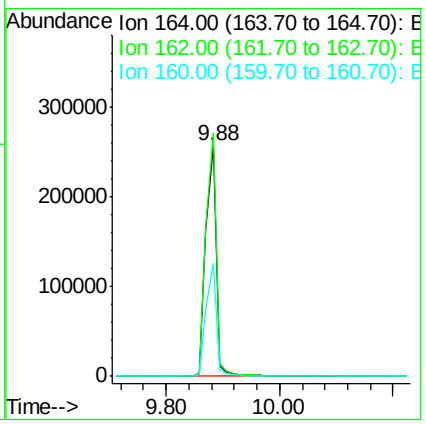


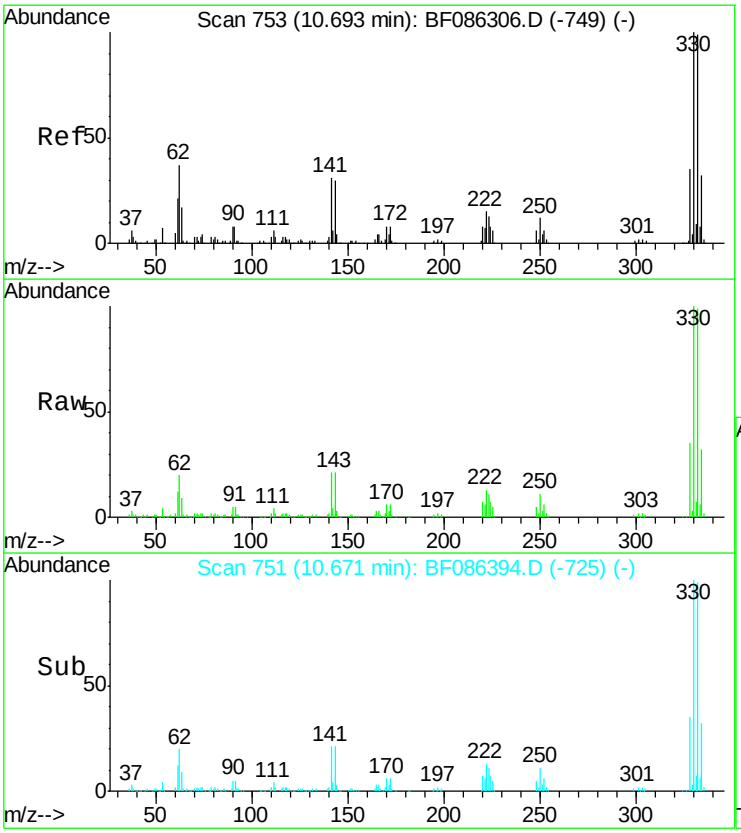
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion:164 Resp: 315127

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.8	124.2
160	48.9	36.9	55.3

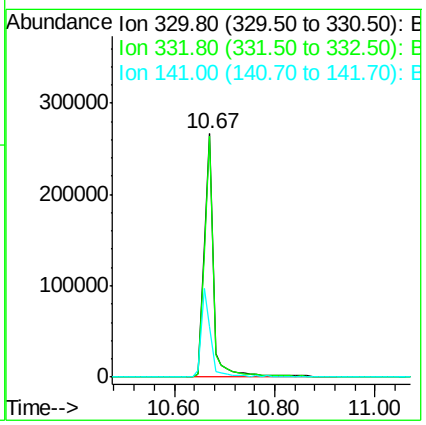


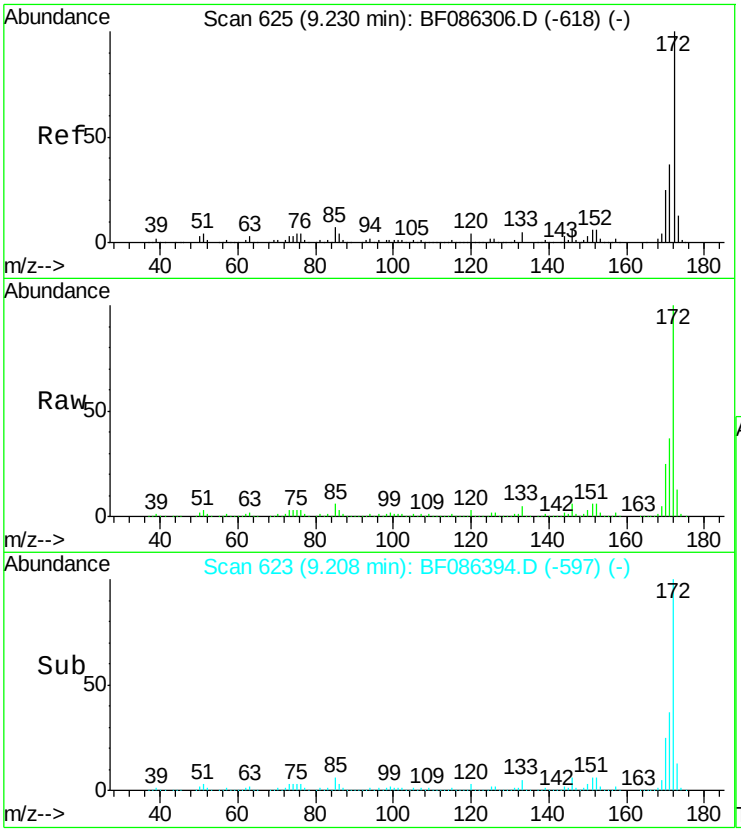


#41
2,4,6-Tribromophenol
Concen: 120.18 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:330 Resp: 342819

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	36.4	31.2	46.8



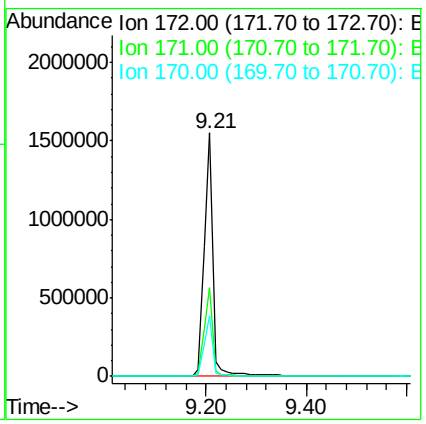


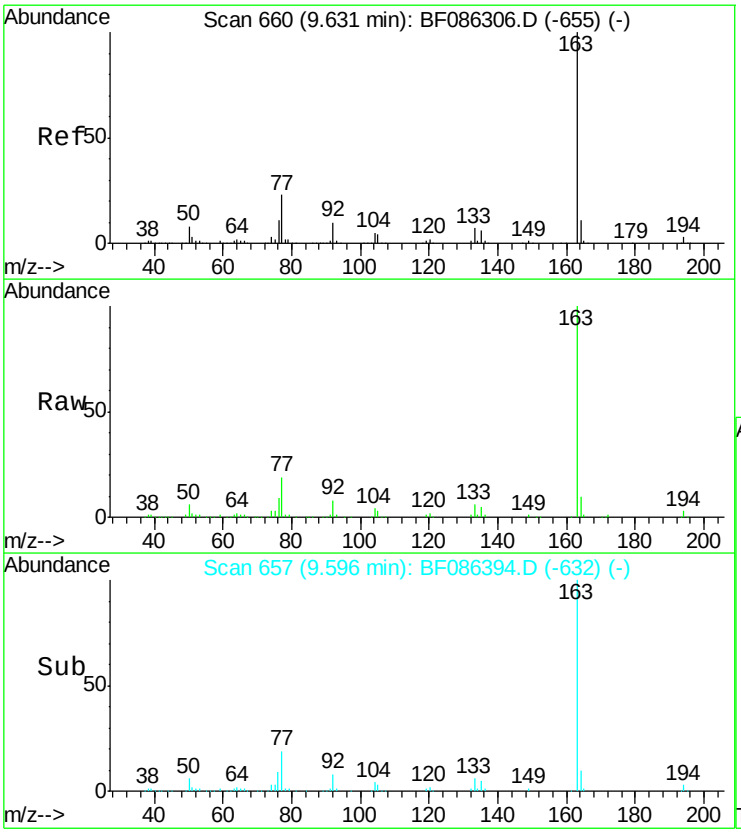
#44
2-Fluorobiphenyl
Concen: 102.18 ng
RT: 9.21 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion:172 Resp: 1886901

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.8	19.8	29.8

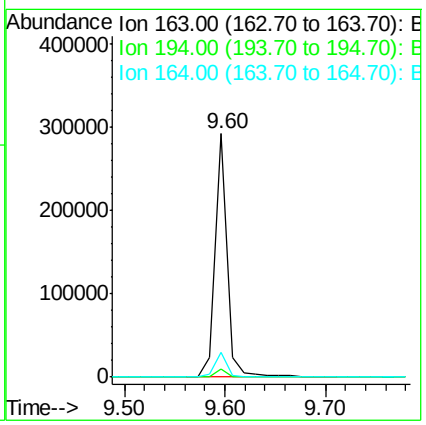


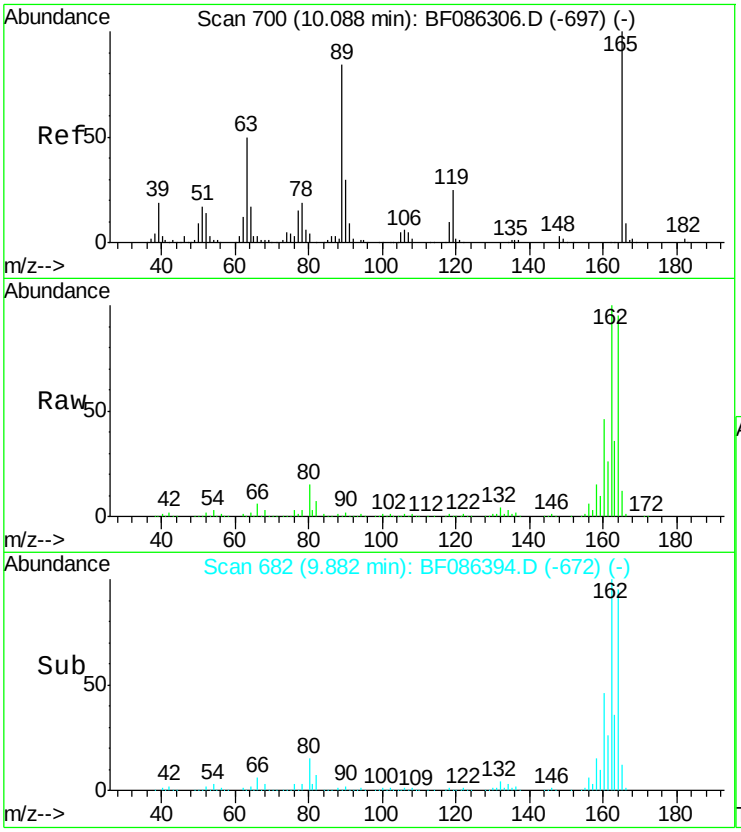


#49
Dimethylphthalate
Concen: 10.80 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:163 Resp: 245836

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.2	12.4



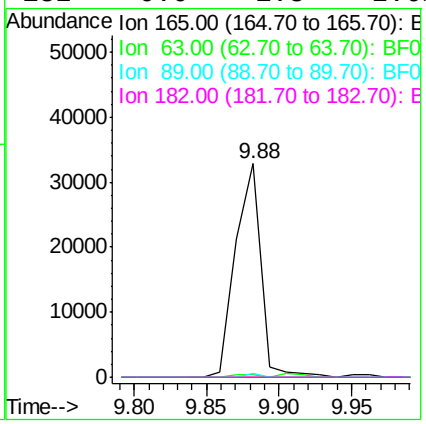


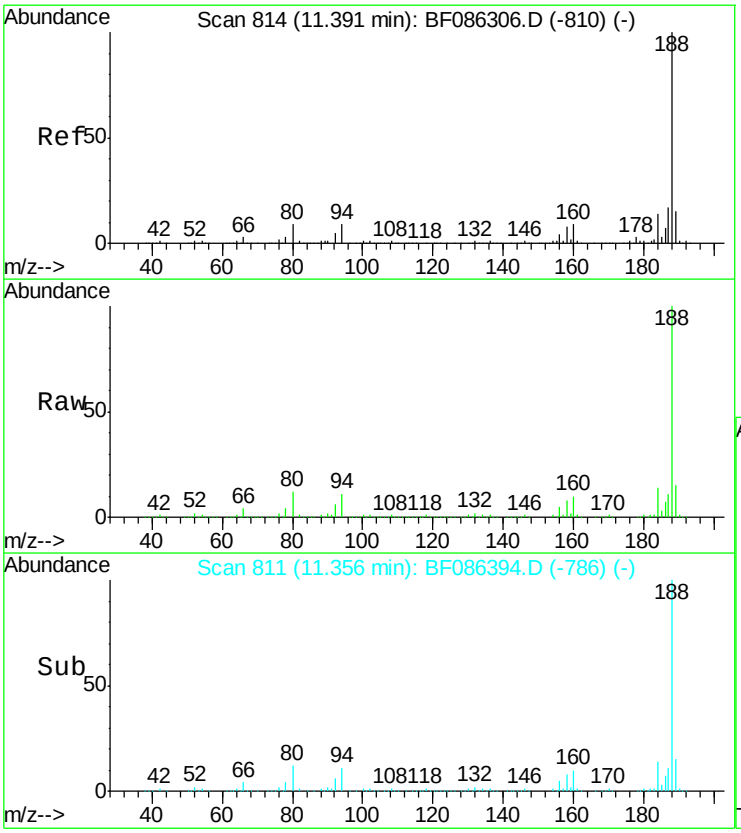
#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.18 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion:165 Resp: 39813

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#

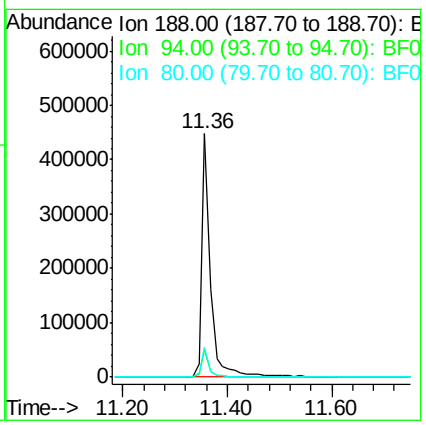


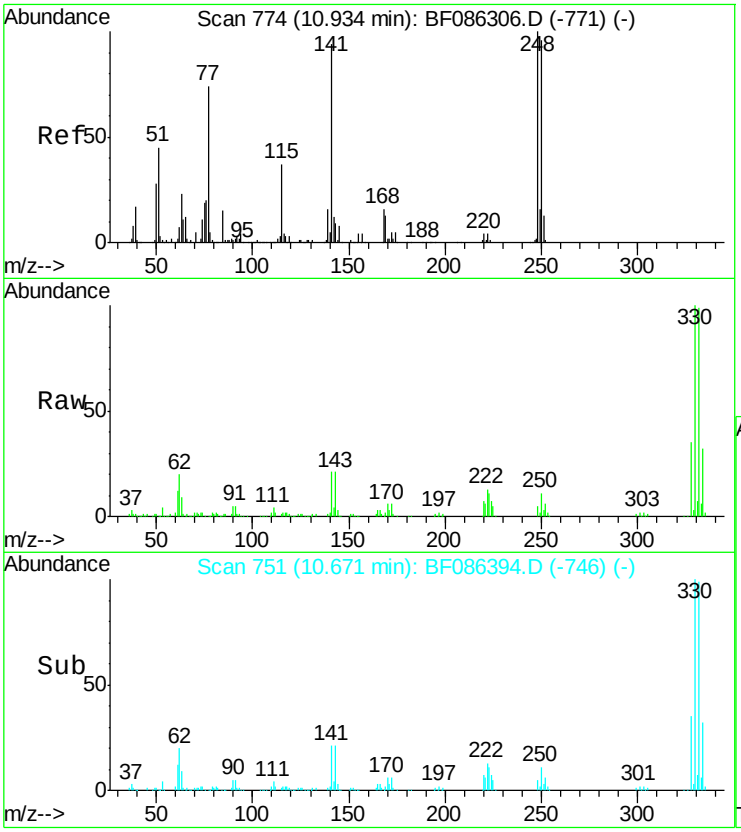


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:188 Resp: 524538

Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.8	10.2#
80	12.1	7.1	10.7#



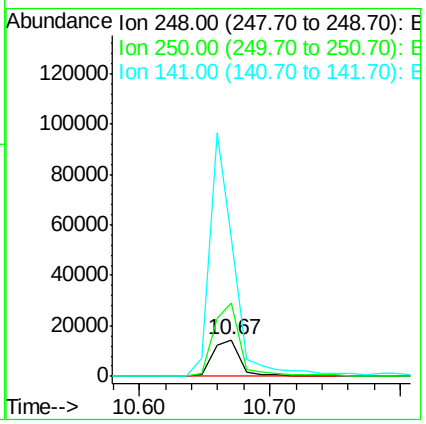


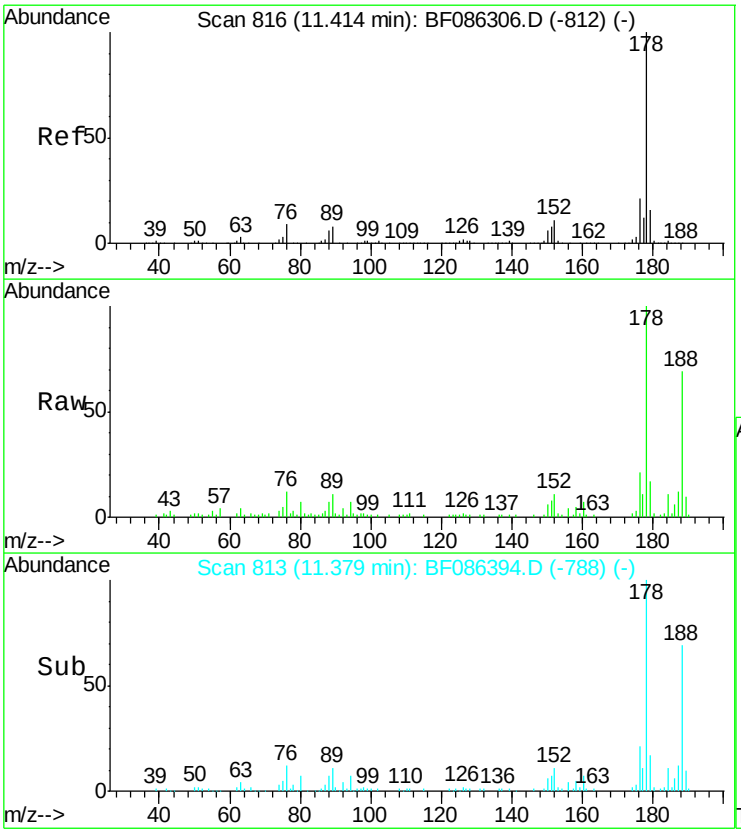
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion:248 Resp: 20748

Ion	Ratio	Lower	Upper
248	100		
250	200.2	78.6	117.8#
141	382.6	76.0	114.0#

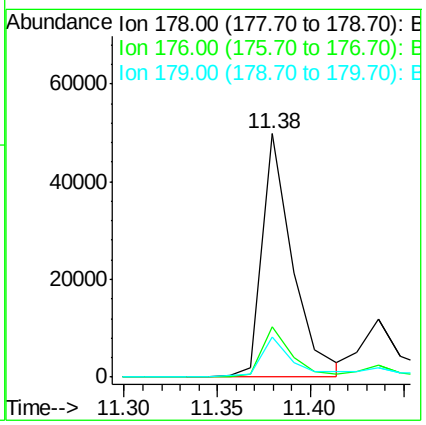


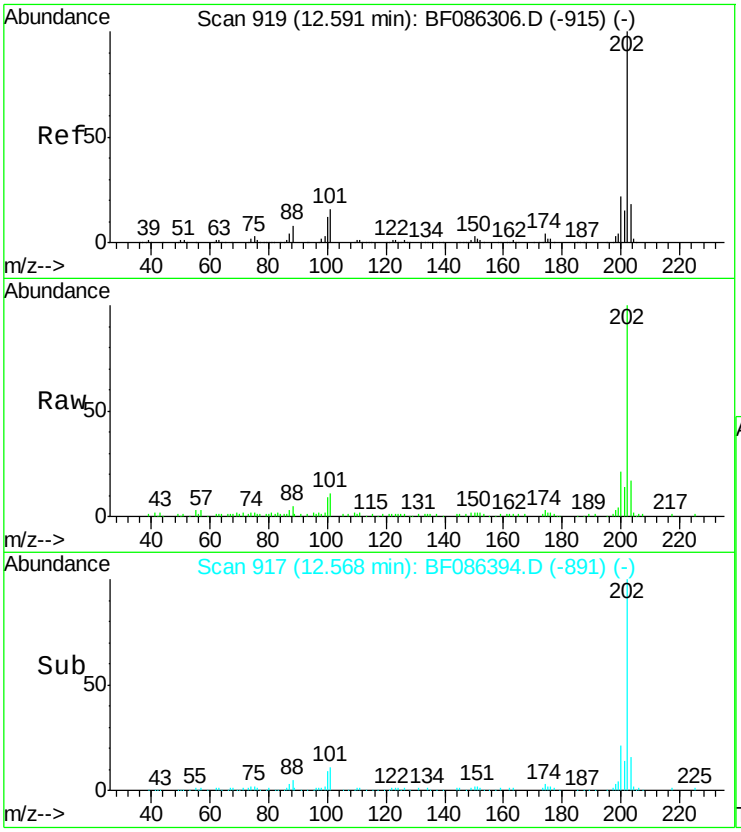


#70
Phenanthrene
Concen: 2.14 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:178 Resp: 56323

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.6	12.6	18.8



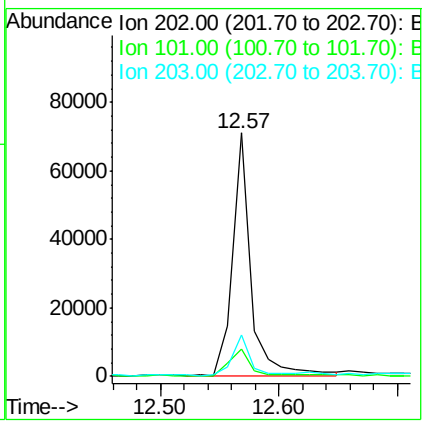


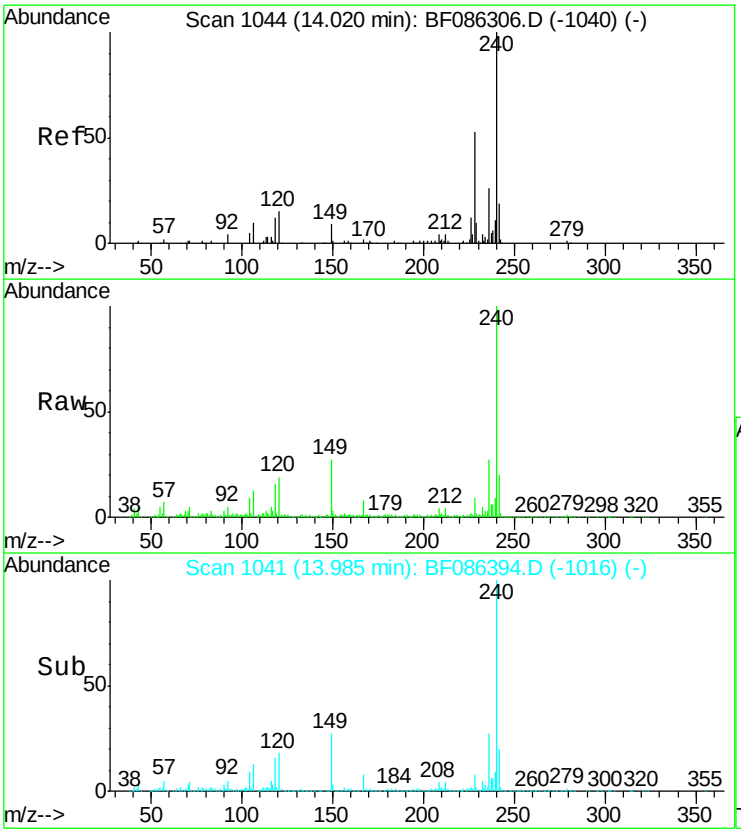
#74
Fluoranthene
Concen: 2.66 ng
RT: 12.57 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion:202 Resp: 75492

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	35.4
203	16.9	0.0	38.1

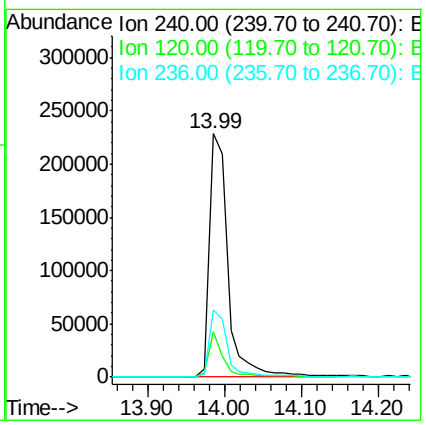


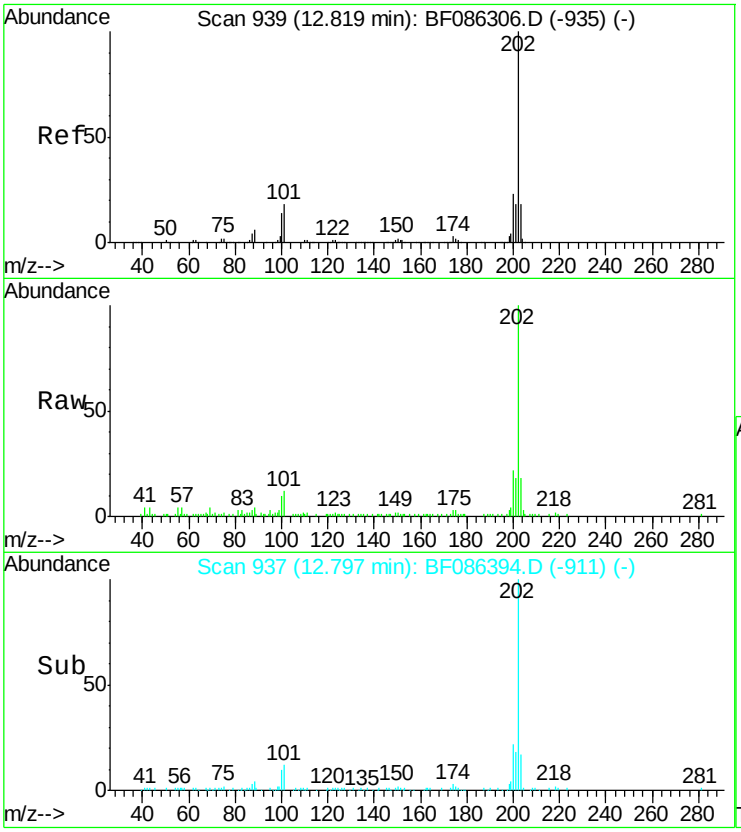


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:240 Resp: 382444

Ion	Ratio	Lower	Upper
240	100		
120	18.5	11.2	16.8#
236	27.4	21.2	31.8



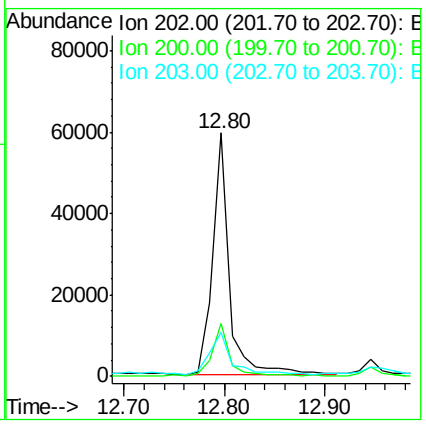


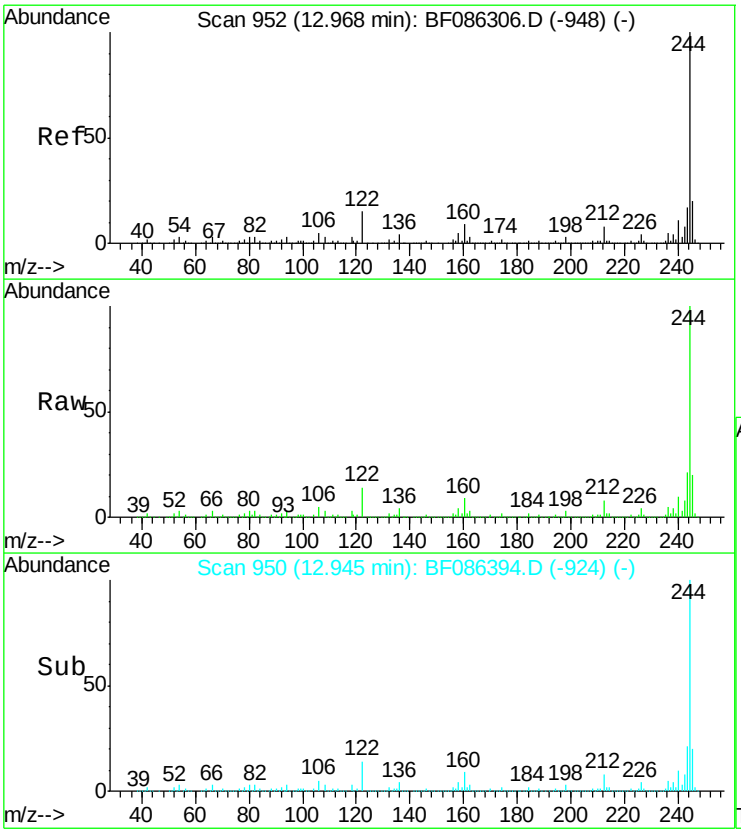
#77
Pyrene
Concen: 2.53 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion:202 Resp: 67542

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.0	14.2	21.4

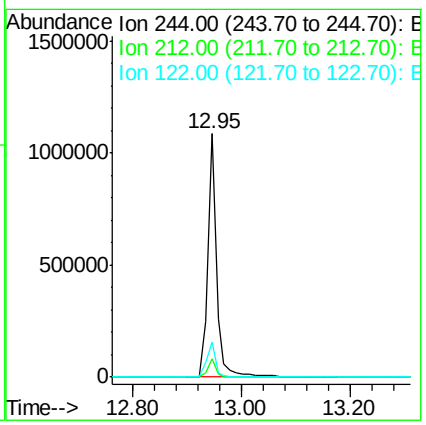


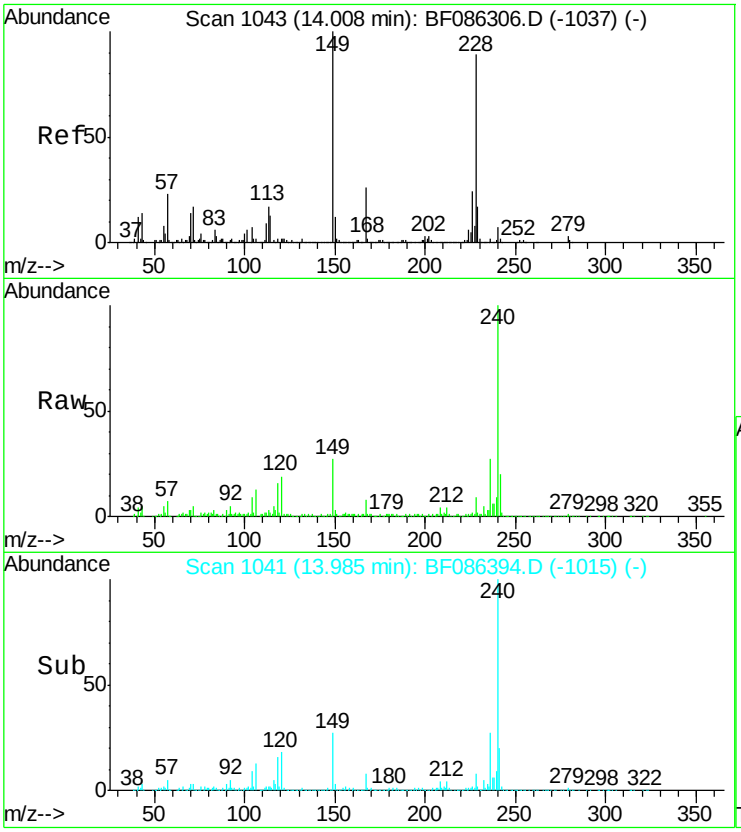


#78
Terphenyl-d14
Concen: 79.27 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:244 Resp: 1220202

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.4	12.0	18.0



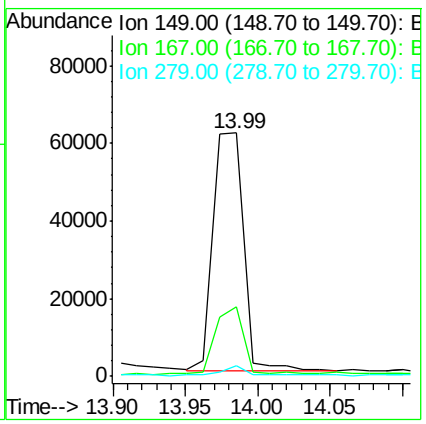


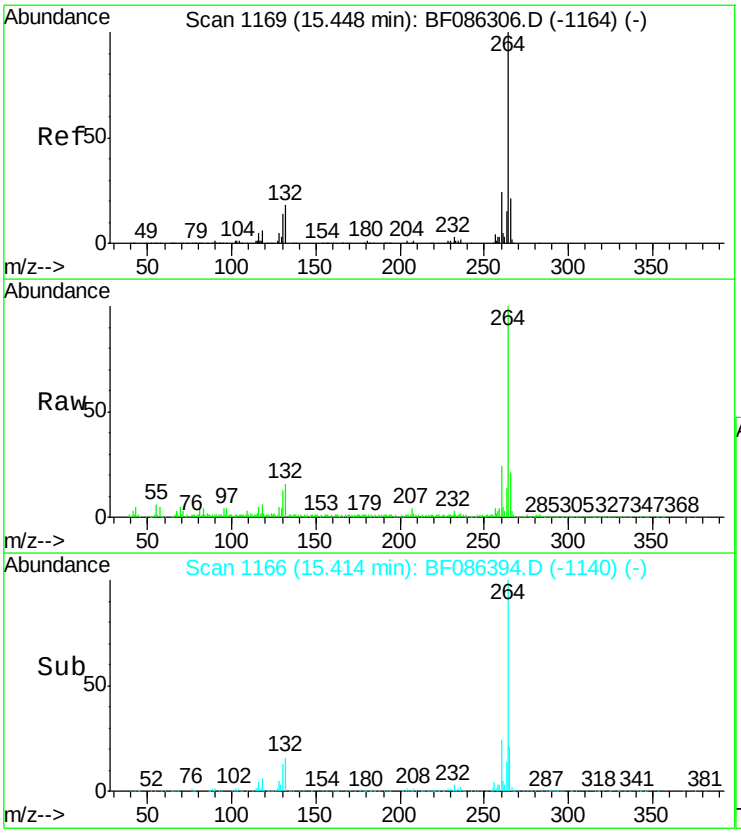
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.38 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion:149 Resp: 88824

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.6
279	4.6	2.6	4.0#

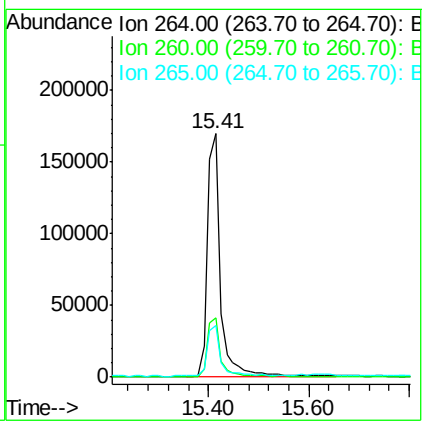


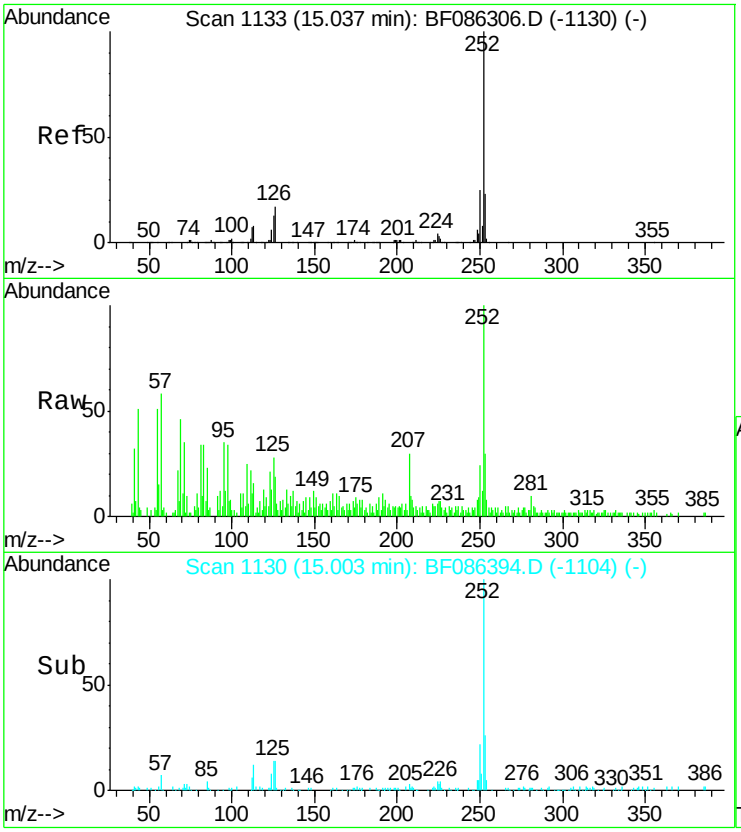


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:264 Resp: 303015

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.3	25.9



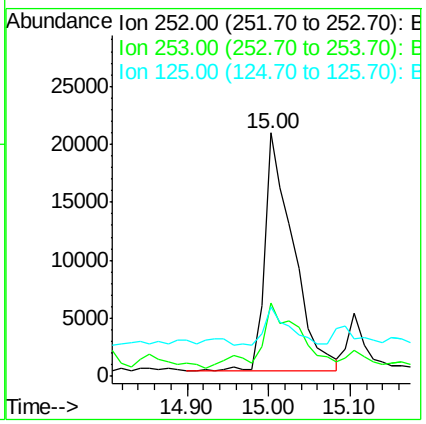


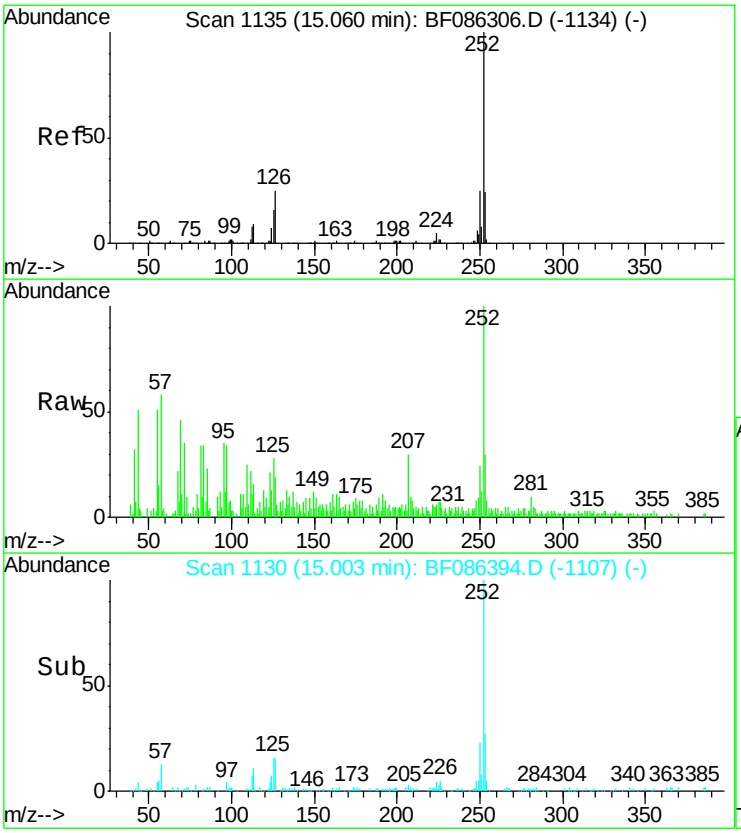
#87
Benzo(b)fluoranthene
Concen: 3.01 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tgt Ion:252 Resp: 50125

Ion	Ratio	Lower	Upper
252	100		
253	30.3	17.8	26.6#
125	28.5	11.4	17.0#





#88
Benzo(k)fluoranthene
Concen: 3.07 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Tgt Ion:252 Resp: 50125

Ion	Ratio	Lower	Upper
252	100		
253	30.3	17.8	26.6#
125	28.5	9.1	13.7#