Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF042716\
Data File : BF086462.D
Acq On : 28 Apr 2016 9:30
Operator : UM/SJ
Sample : H2736-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICHMOND-AMBOY-SB05(0.5-10.0)

Quant Time: Apr 28 11:38:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	127170	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	473842	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	170940	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	274191	20.00	ng		0.00
75) Chrysene-d12	13.95	240	287502	20.00	ng		-0.01
86) Perylene-d12	15.37	264	207727	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1028462	139.50	ng		0.01
7) Phenol-d6	6.44	99	1366724	132.82	ng		0.00
23) Nitrobenzene-d5	7.37	82	833842	94.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	221051	122.62	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1285287	153.81	ng		0.00
78) Terphenyl-d14	12.91	244	860083	65.91	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.96	79	15110	2.32	ng	#	41
19) n-Nitroso-di-n-propylamine	7.37	70	110649	16.27	ng	#	73
25) Isophorone	7.37	82	749453	44.30	ng	#	68
49) Dimethylphthalate	9.56	163	253705	19.71	ng		99
56) 2,4-Dinitrotoluene	9.84	165	21048	6.21	ng	#	16
66) 4-Bromophenyl-phenylether	10.62	248	12095	4.28	ng	#	1
74) Fluoranthene	12.53	202	65567	4.51	ng		95
77) Pyrene	12.76	202	61648	2.98	ng		98
80) Benzo(a)anthracene	13.94	228	33929	2.21	ng		99
82) Chrysene	13.94	228	33929	2.04	ng		96
83) Bis(2-ethylhexyl)phthalate	13.95	149	37133	3.33	ng	#	97
87) Benzo(b)fluoranthene	14.97	252	41399	3.39	ng		99
88) Benzo(k)fluoranthene	14.97	252	41399	3.25	ng	#	96

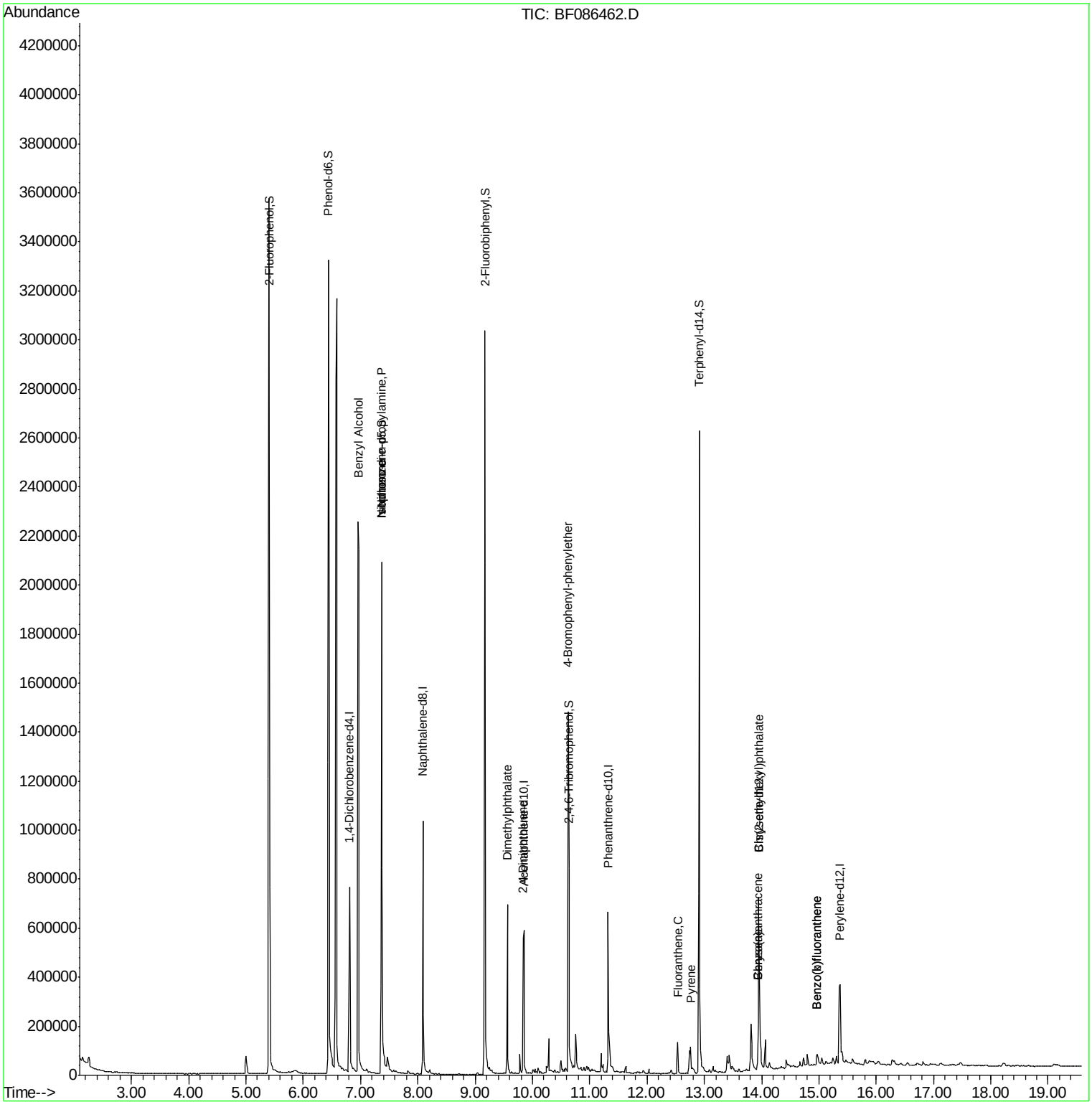
(#) = qualifier out of range (m) = manual integration (+) = signals summed

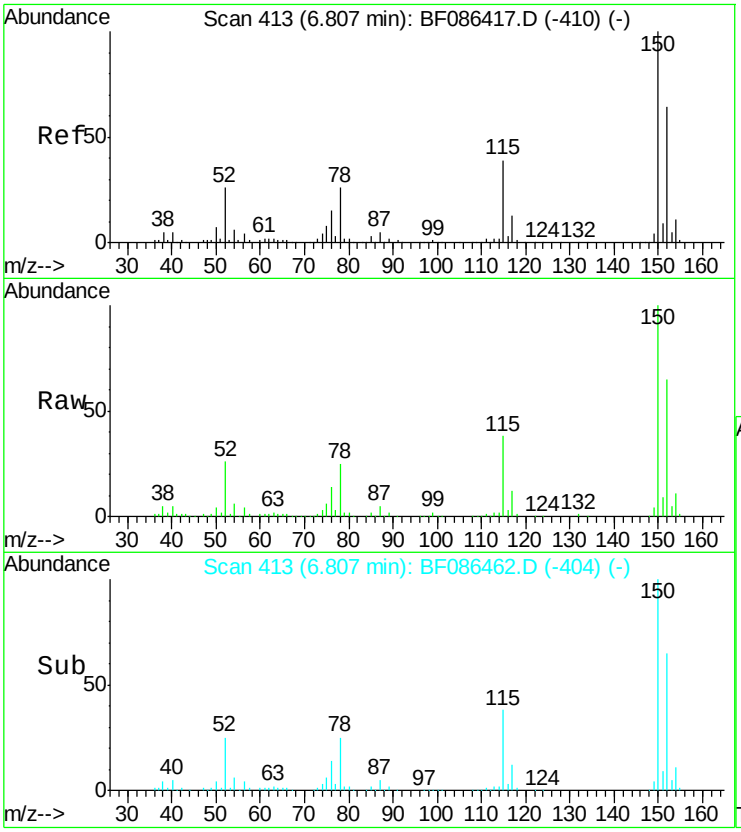
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF042716\
Data File : BF086462.D
Acq On : 28 Apr 2016 9:30
Operator : UM/SJ
Sample : H2736-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Quant Time: Apr 28 11:38:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration



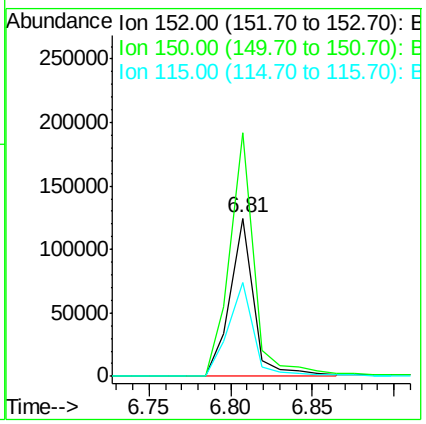


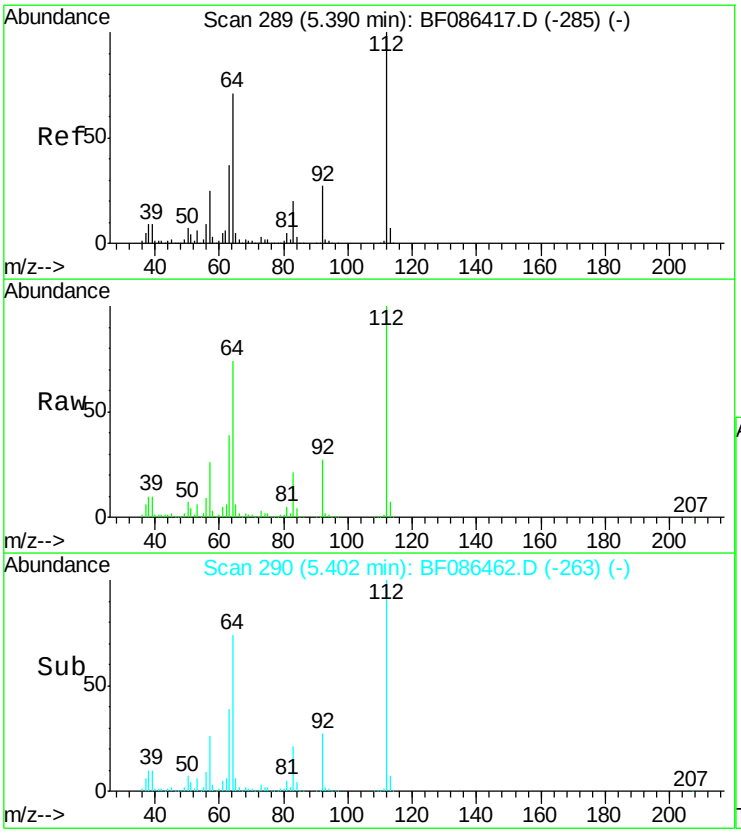
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:152 Resp: 127170

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.8	188.6
115	59.1	51.5	77.3

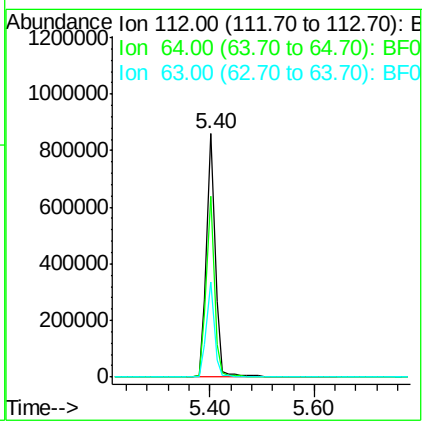


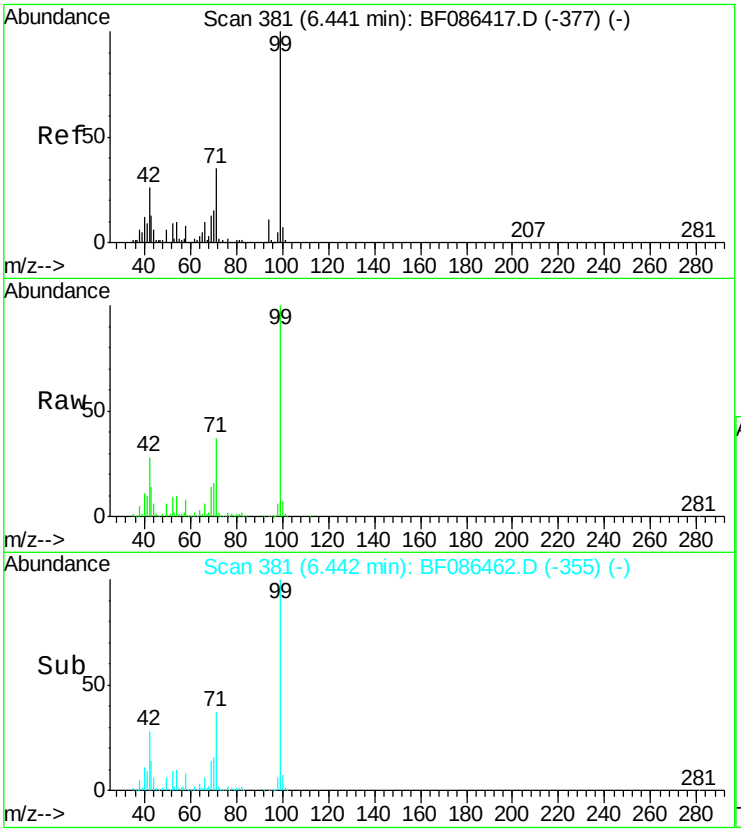


#5
2-Fluorophenol
Concen: 139.50 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:112 Resp: 1028462

Ion	Ratio	Lower	Upper
112	100		
64	74.1	52.1	78.1
63	39.0	25.7	38.5#



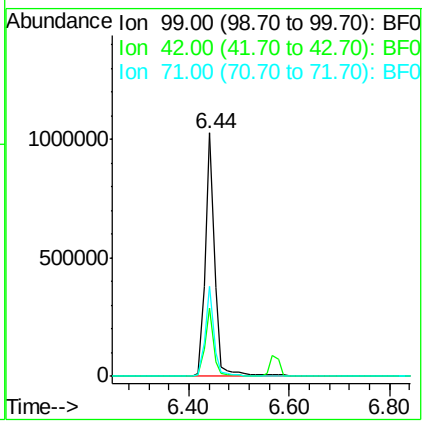


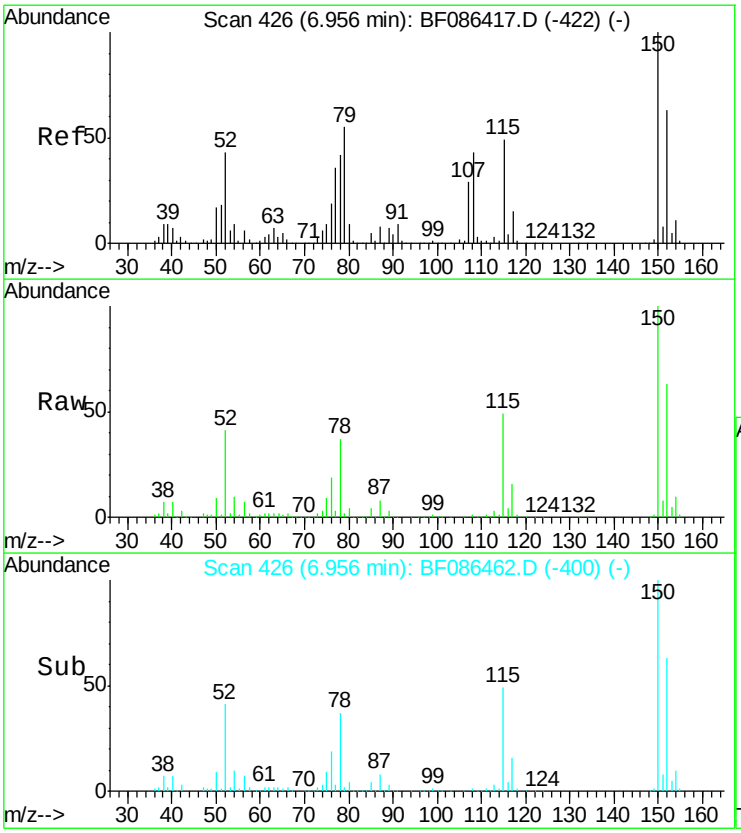
#7
Phenol-d6
Concen: 132.82 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion: 99 Resp: 1366724

Ion	Ratio	Lower	Upper
99	100		
42	27.9	13.6	20.4#
71	36.8	24.6	36.8

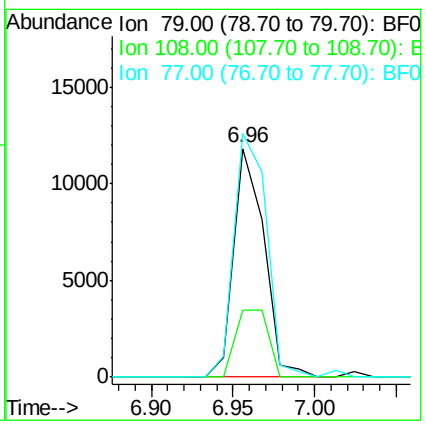


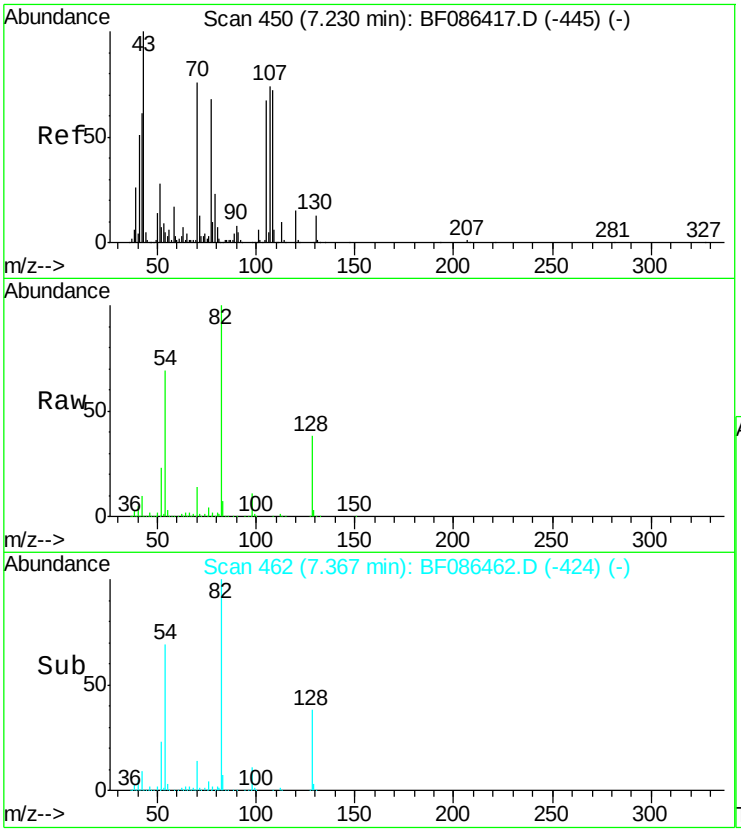


#15
Benzyl Alcohol
Concen: 2.32 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion: 79 Resp: 15110

Ion	Ratio	Lower	Upper
79	100		
108	29.3	68.4	102.6#
77	106.6	50.6	76.0#



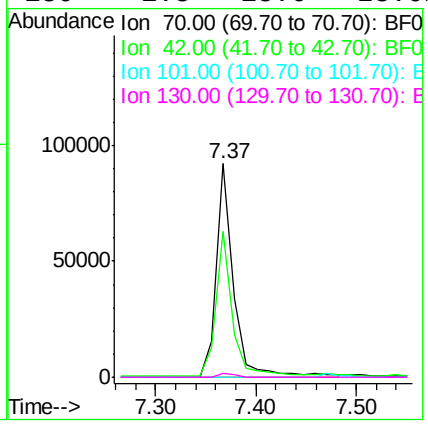


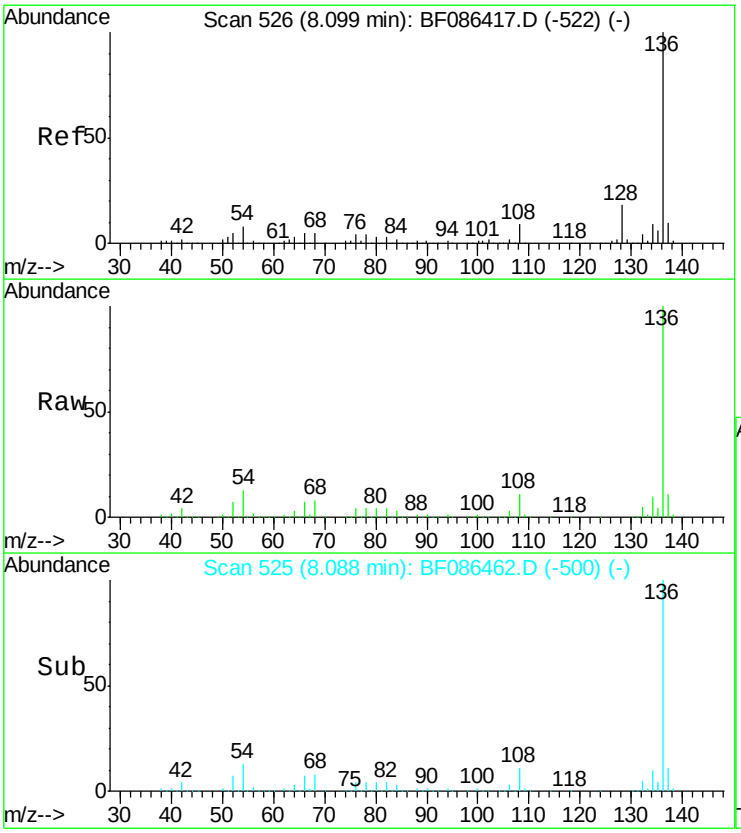
#19
n-Nitroso-di-n-propylamine
Concen: 16.27 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion: 70 Resp: 110649

Ion	Ratio	Lower	Upper
70	100		
42	68.1	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#

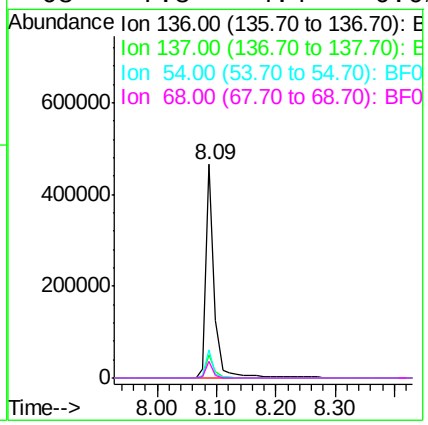


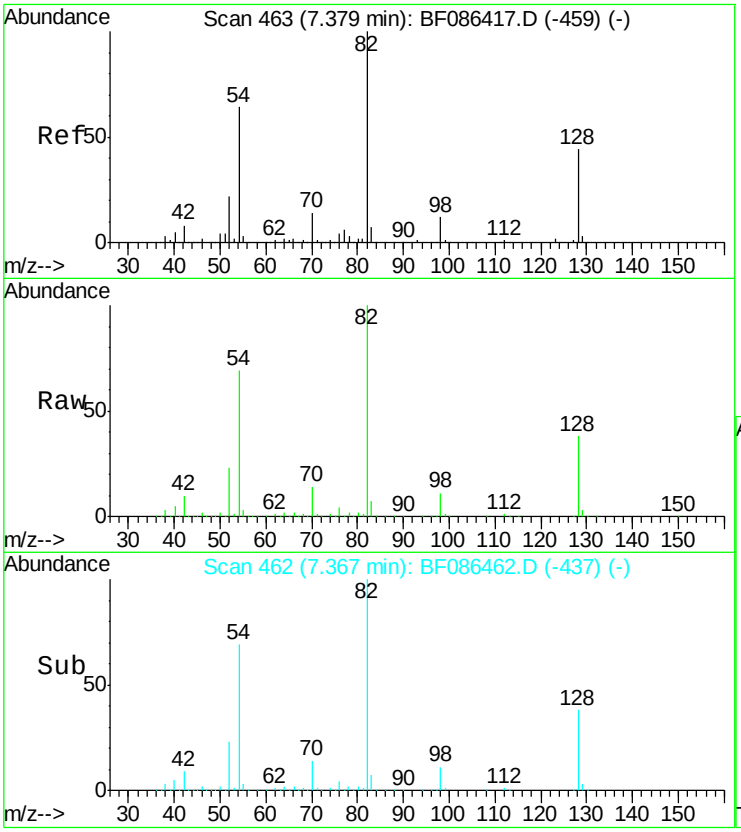


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:136 Resp: 473842

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.2	5.0	7.4#
68	7.8	4.4	6.6#



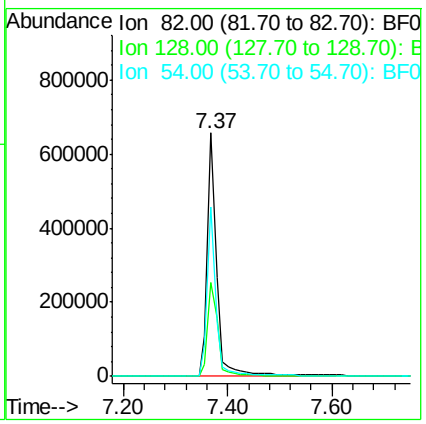


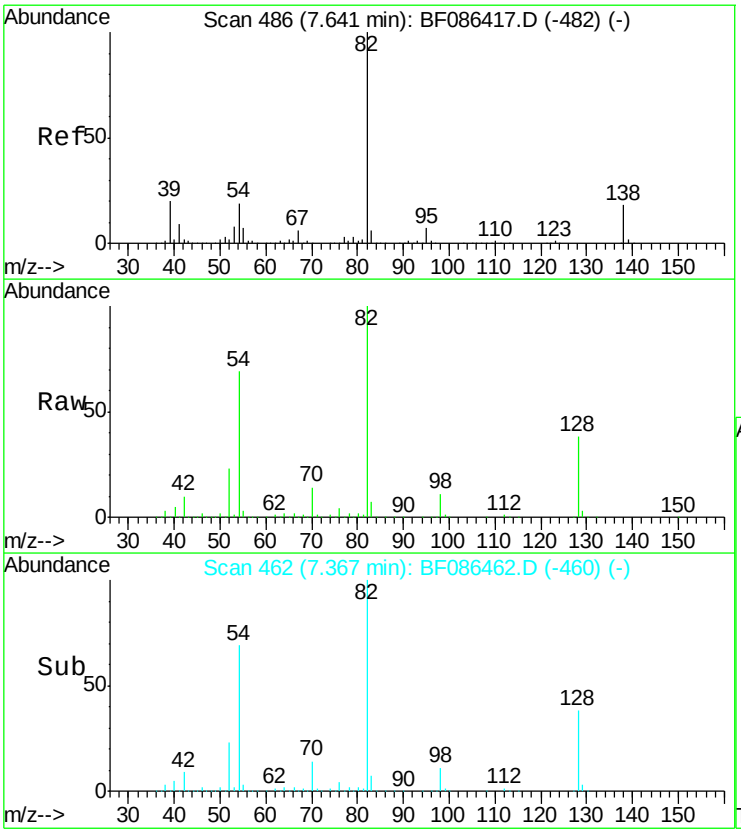
#23
Nitrobenzene-d5
Concen: 94.85 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion: 82 Resp: 833842

Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	61.0#
54	69.5	38.1	57.1#

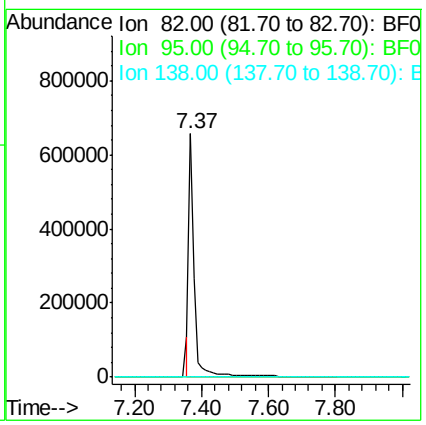


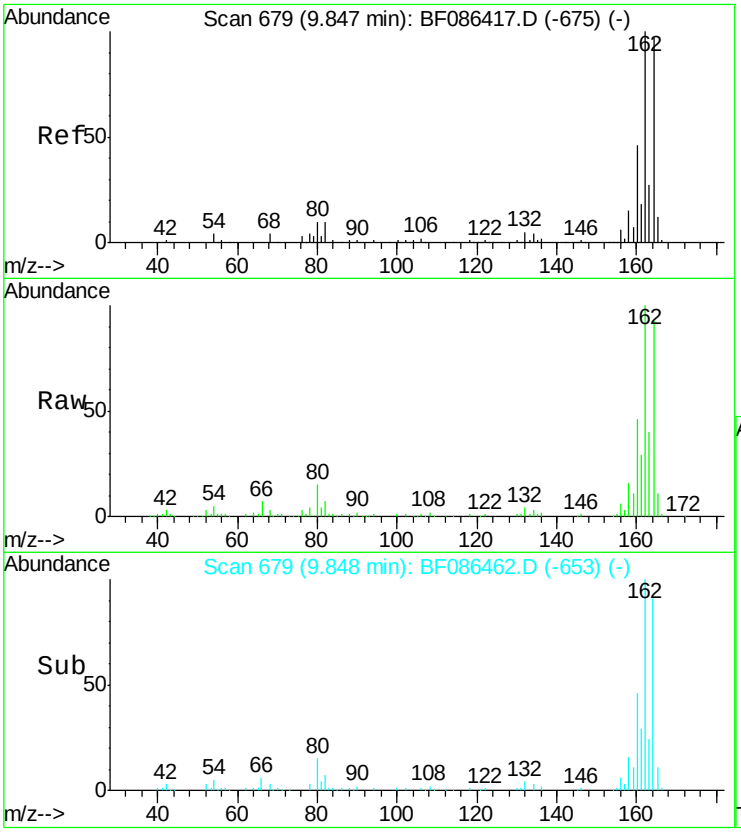


#25
Isophorone
Concen: 44.30 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.27 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion: 82 Resp: 749453

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



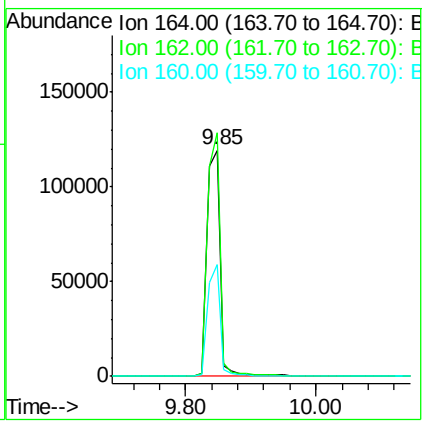


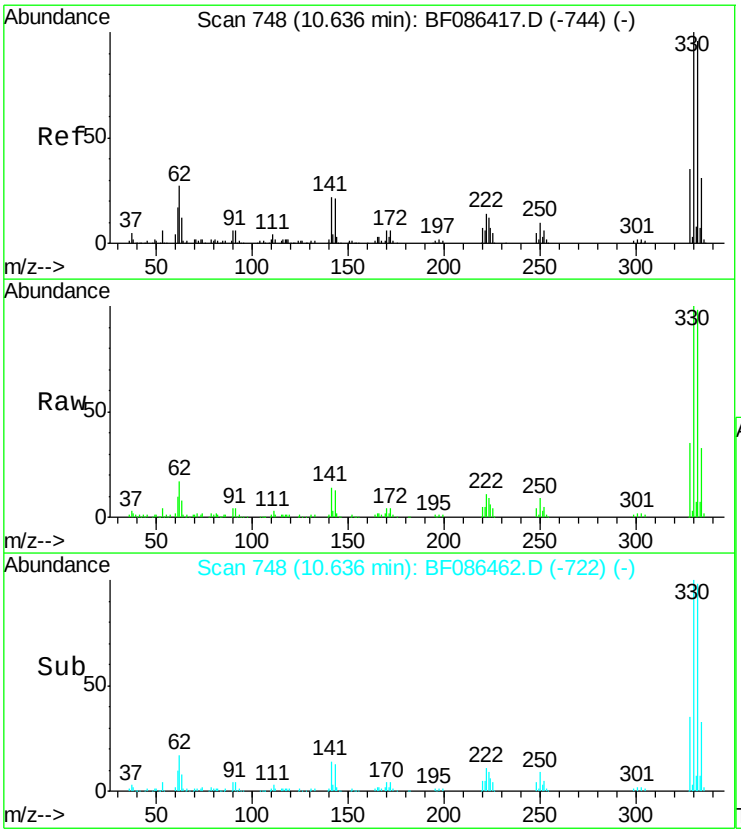
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:164 Resp: 170940

Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.8	124.2
160	49.4	36.9	55.3

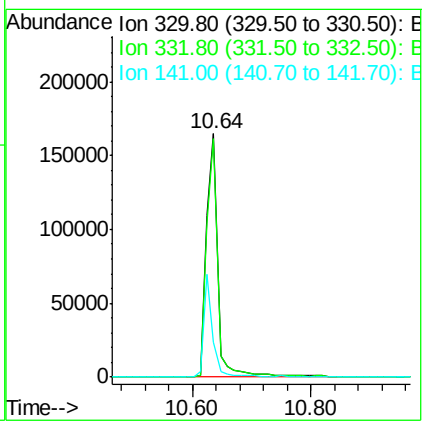


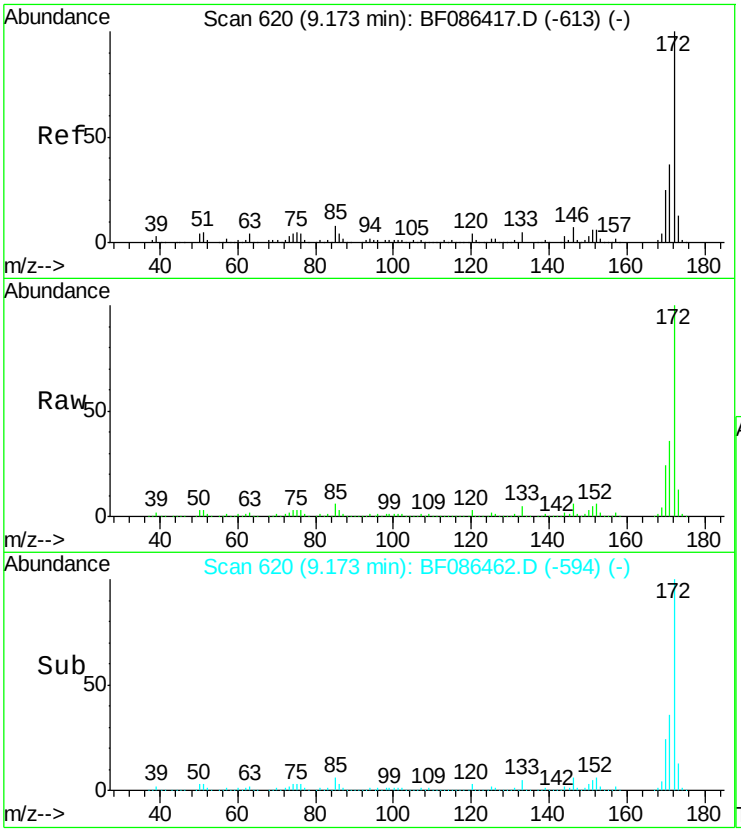


#41
2,4,6-Tribromophenol
Concen: 122.62 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:330 Resp: 221051

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	34.0	31.2	46.8



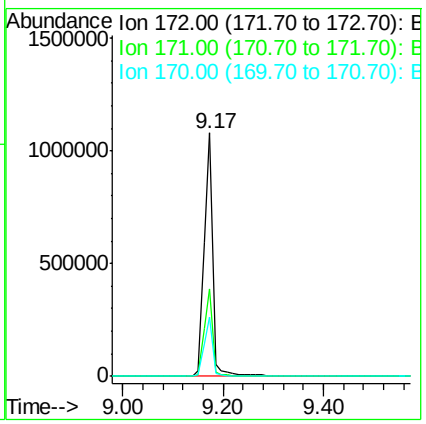


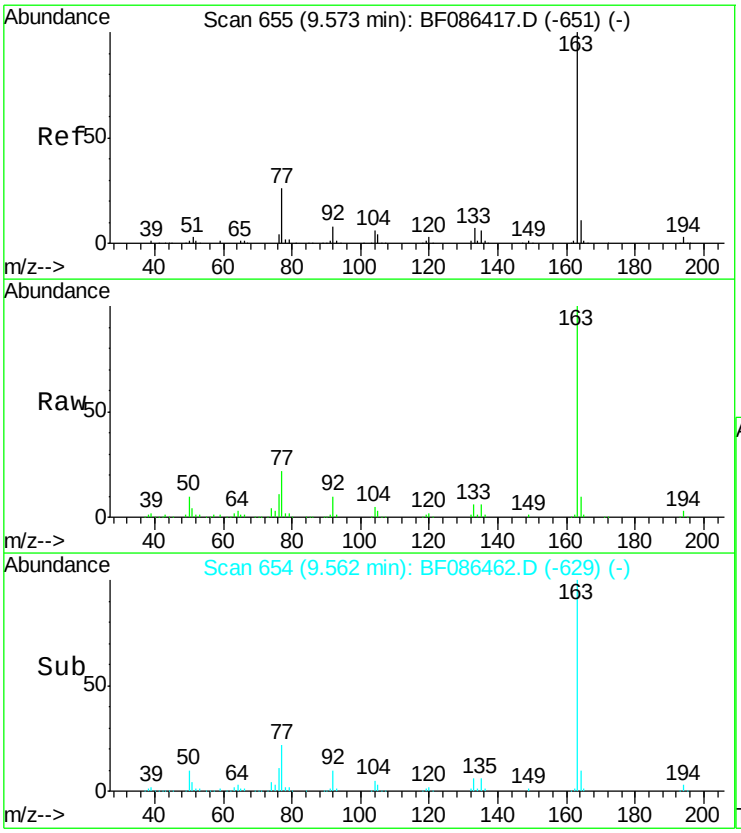
#44
2-Fluorobiphenyl
Concen: 153.81 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:172 Resp: 1285287

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8

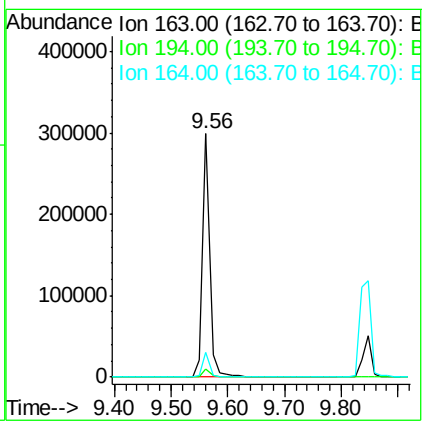


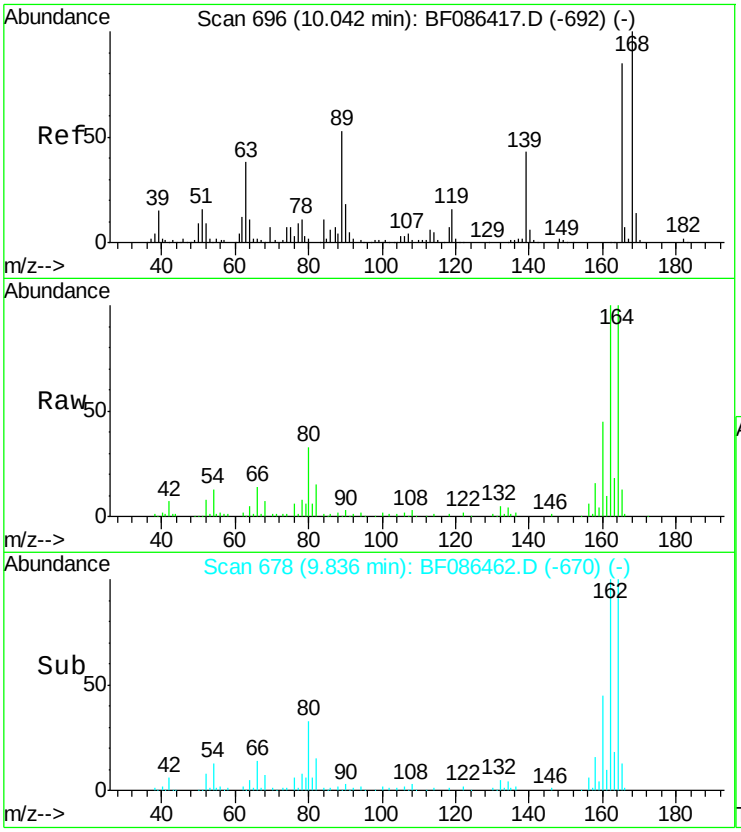


#49
Dimethylphthalate
Concen: 19.71 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:163 Resp: 253705

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.2	12.4



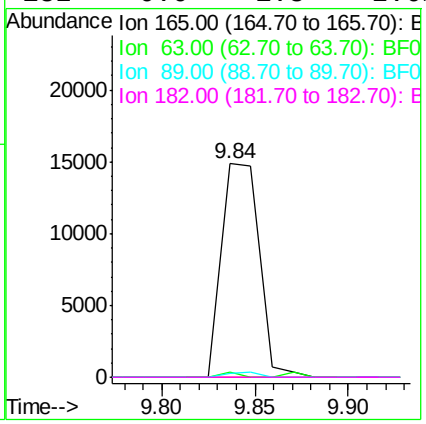


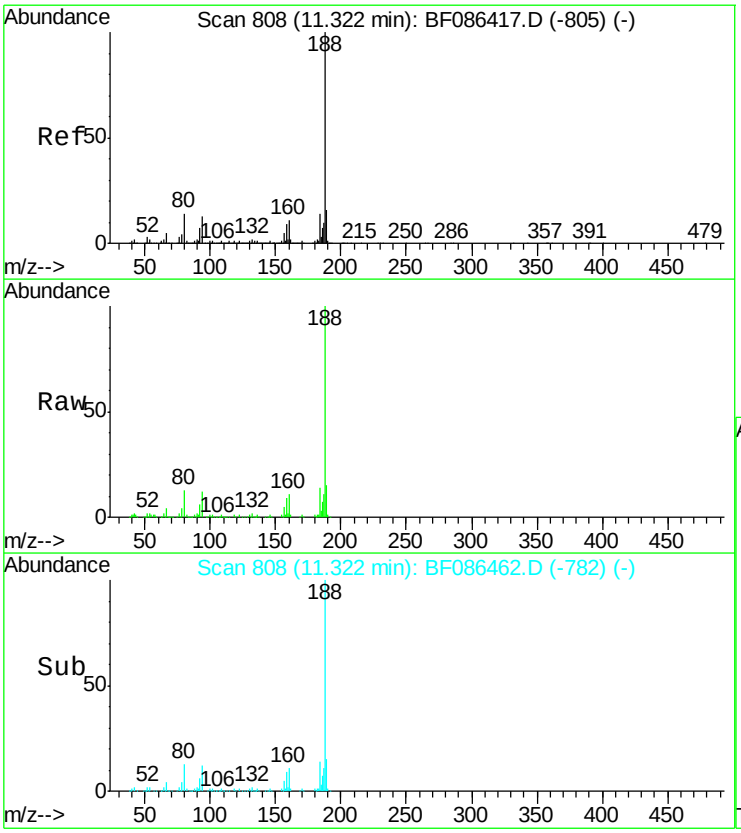
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.21 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:165 Resp: 21048

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

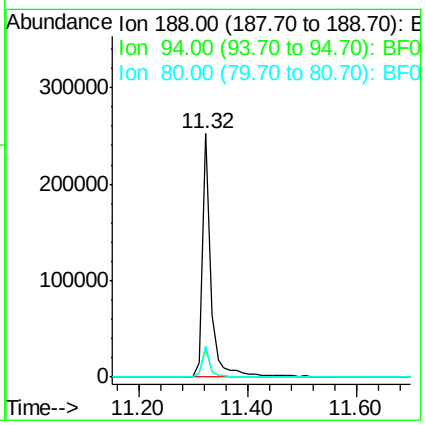


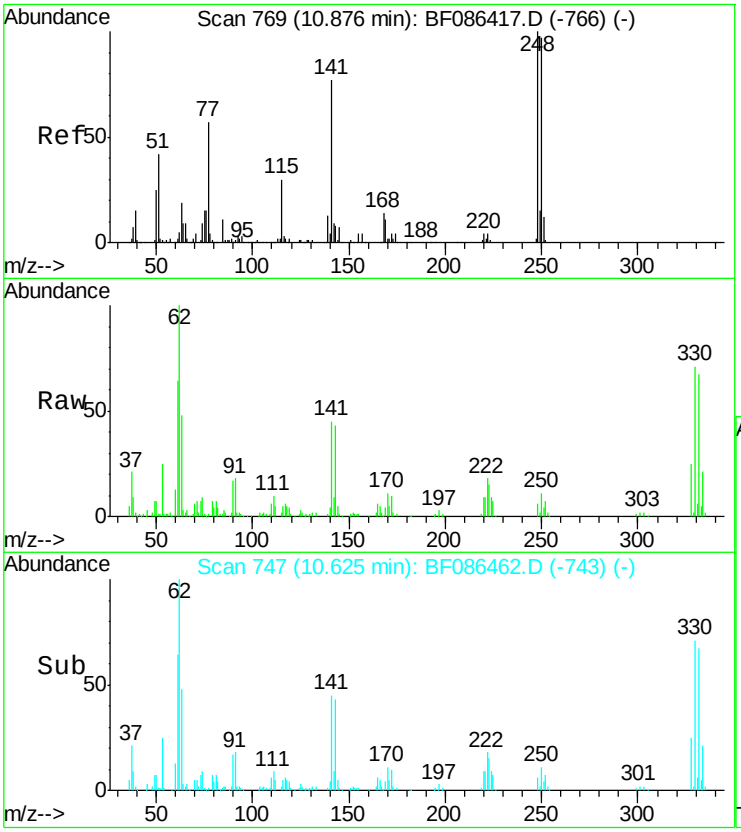


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:188 Resp: 274191

Ion	Ratio	Lower	Upper
188	100		
94	11.7	6.8	10.2#
80	12.6	7.1	10.7#



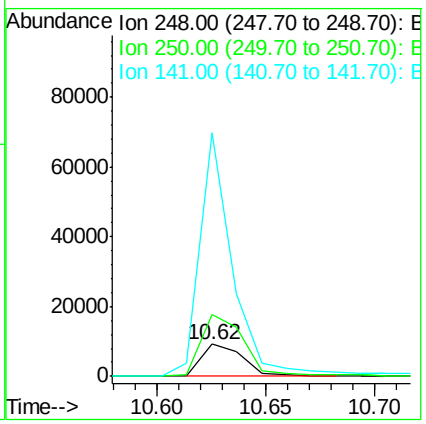


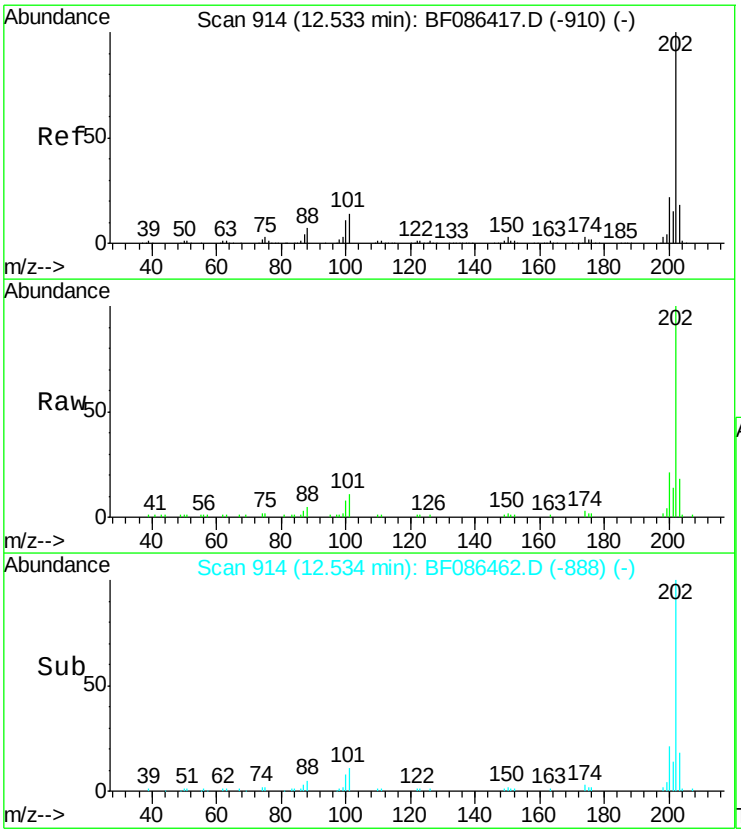
#66
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:248 Resp: 12095

Ion	Ratio	Lower	Upper
248	100		
250	191.8	78.6	117.8#
141	756.8	76.0	114.0#

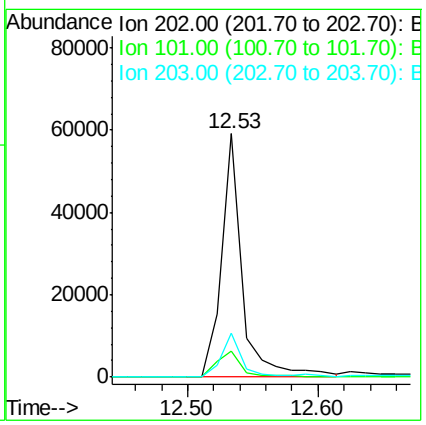


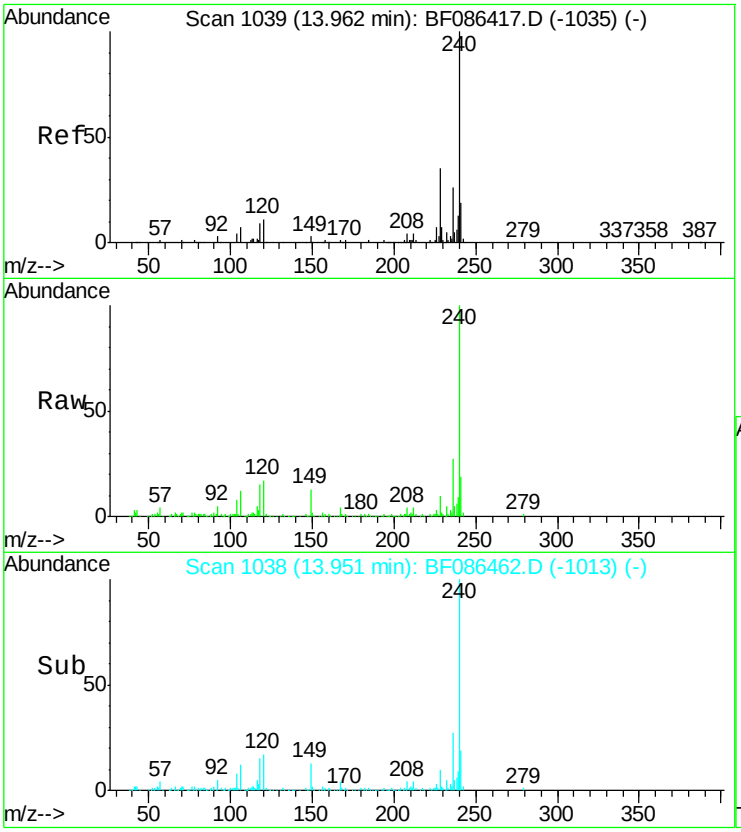


#74
Fluoranthene
Concen: 4.51 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:202 Resp: 65567

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	35.4
203	17.8	0.0	38.1



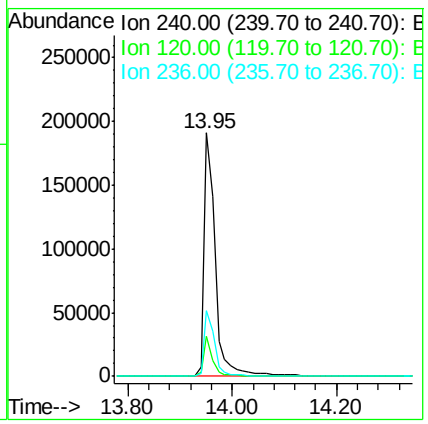


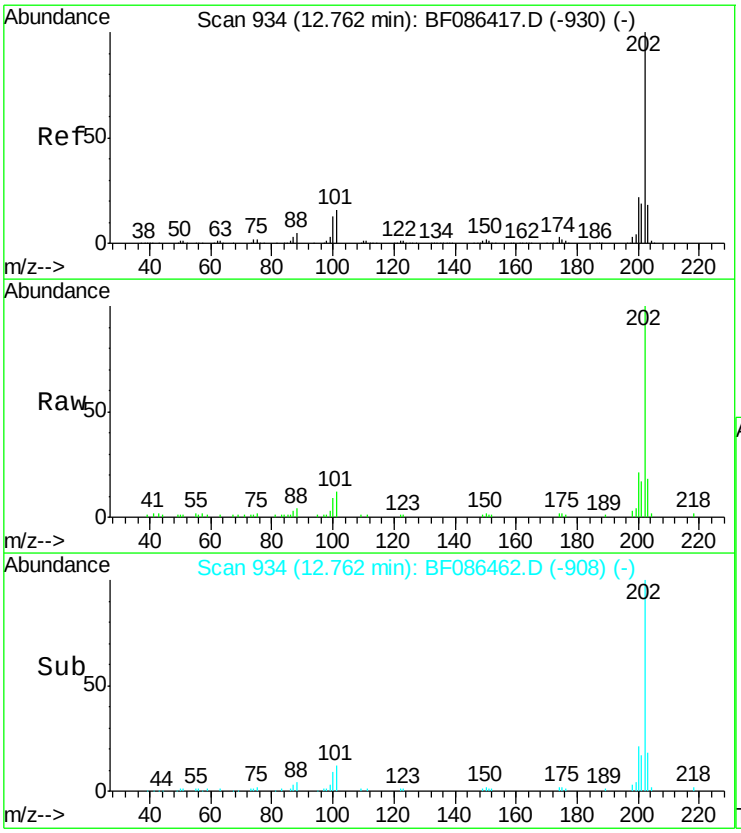
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:240 Resp: 287502

Ion	Ratio	Lower	Upper
240	100		
120	16.7	11.2	16.8
236	27.1	21.2	31.8

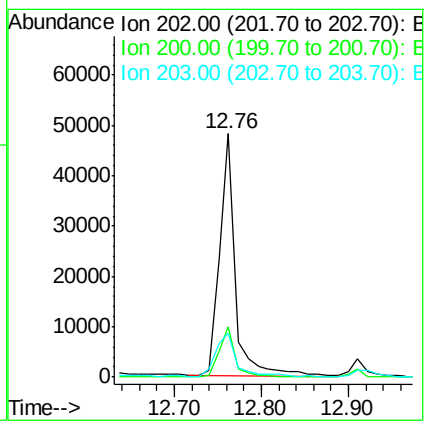


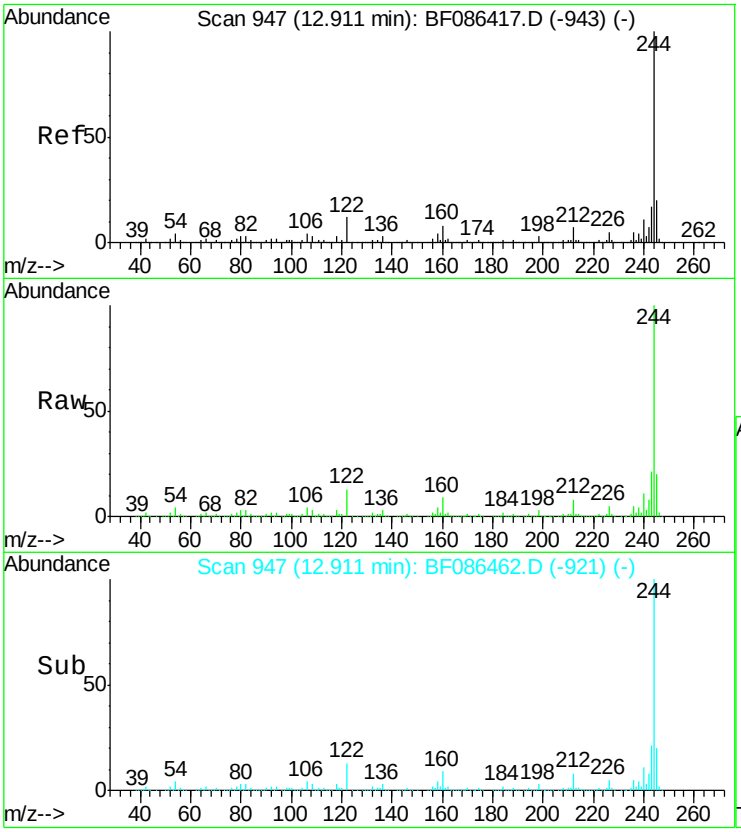


#77
Pyrene
Concen: 2.98 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:202 Resp: 61648

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	18.0	14.2	21.4



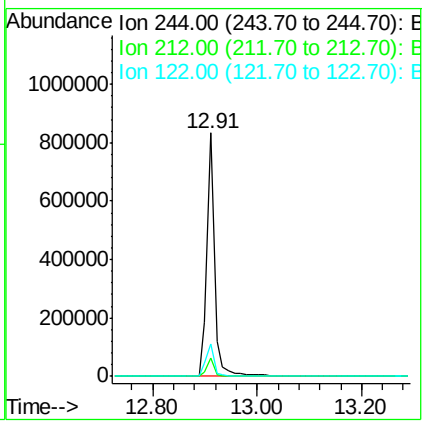


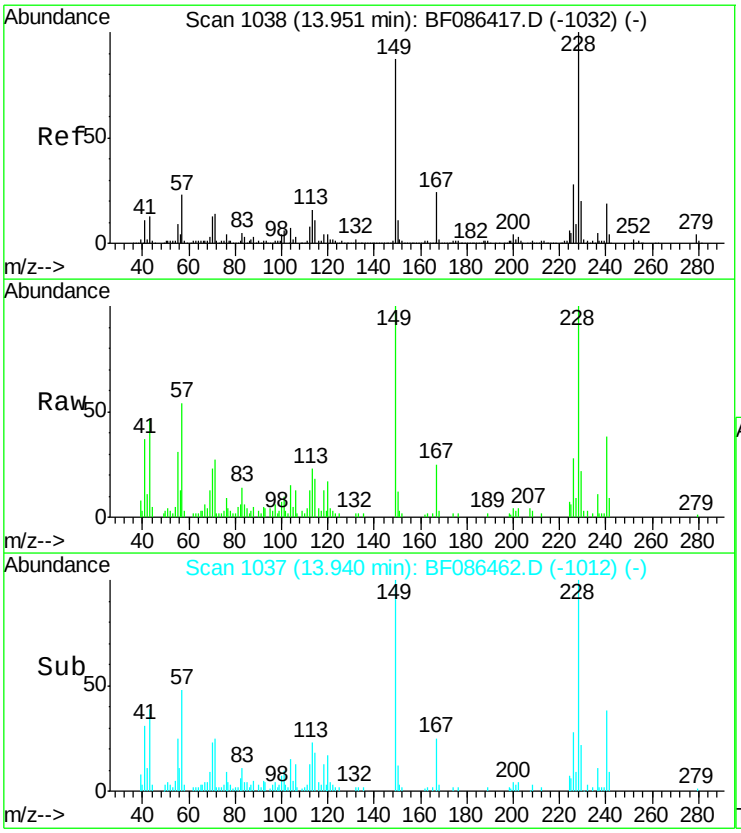
#78
Terphenyl-d14
Concen: 65.91 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:244 Resp: 860083

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.4	12.0	18.0

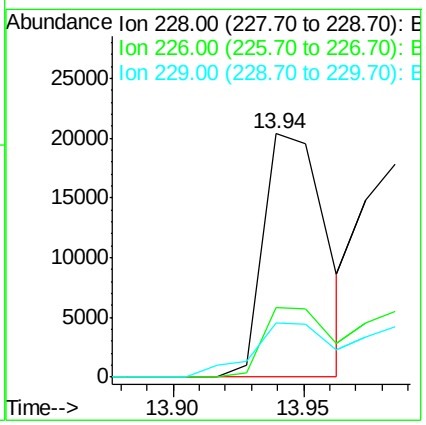


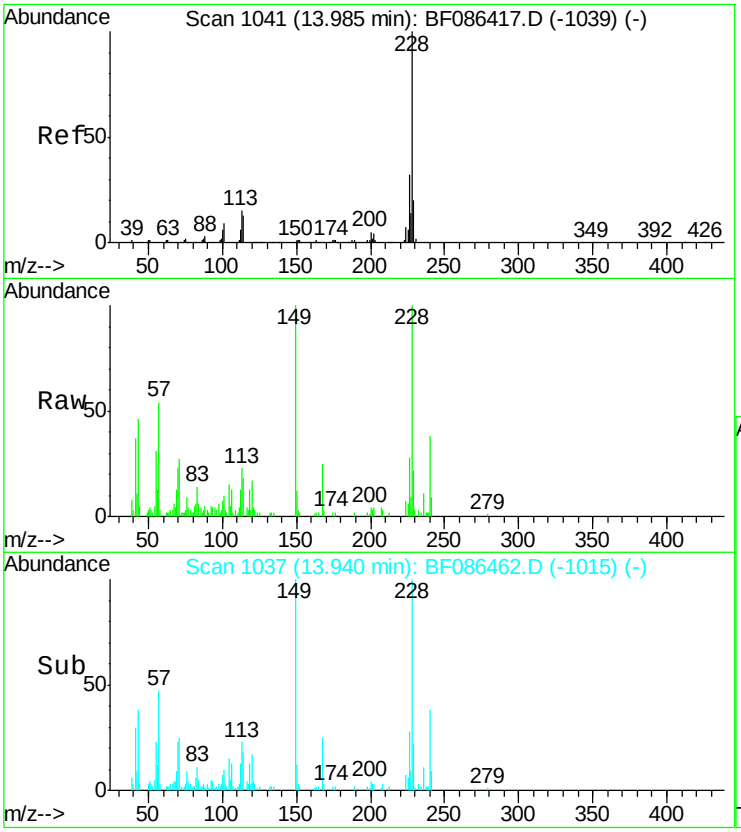


#80
Benzo(a)anthracene
Concen: 2.21 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:228 Resp: 33929

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	22.1	16.6	25.0



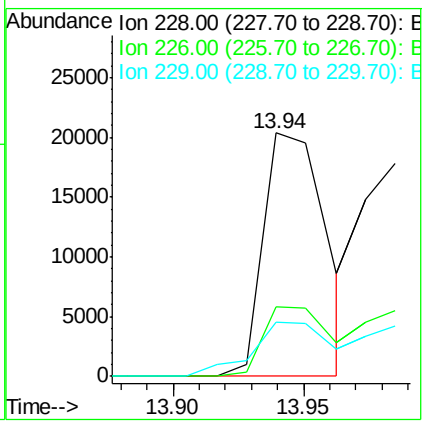


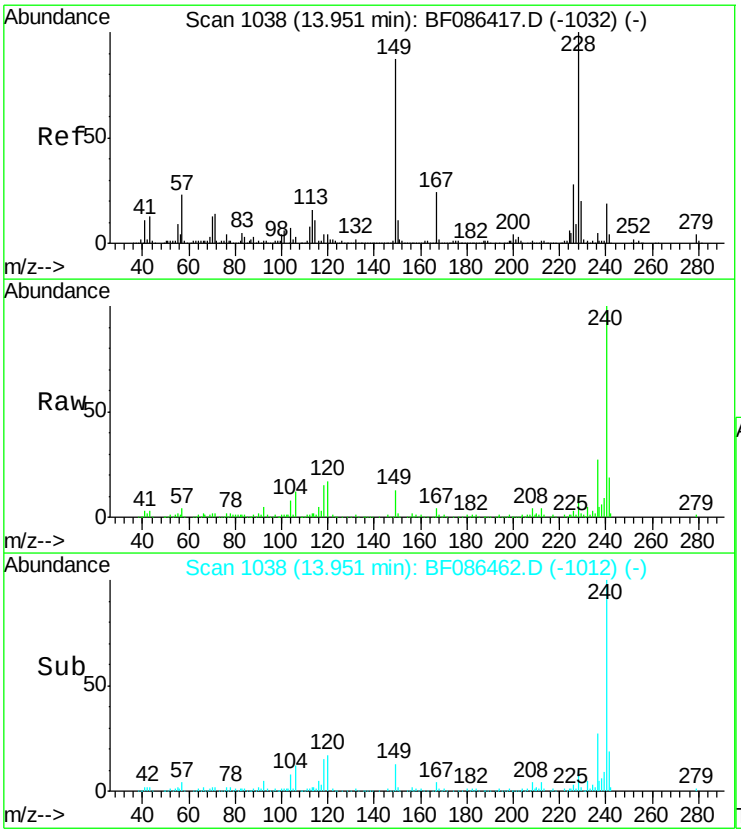
#82
Chrysene
Concen: 2.04 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:228 Resp: 33929

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.4	36.6
229	22.1	15.8	23.8

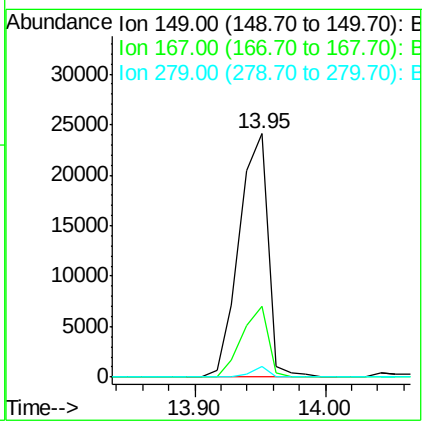


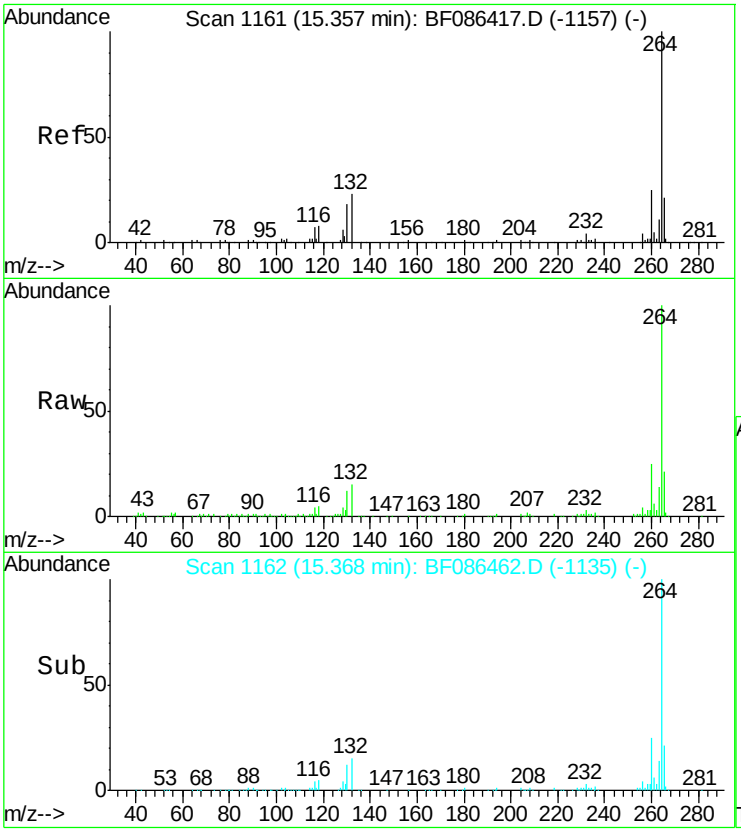


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.33 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:149 Resp: 37133

Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.8	32.6
279	4.6	2.6	4.0#



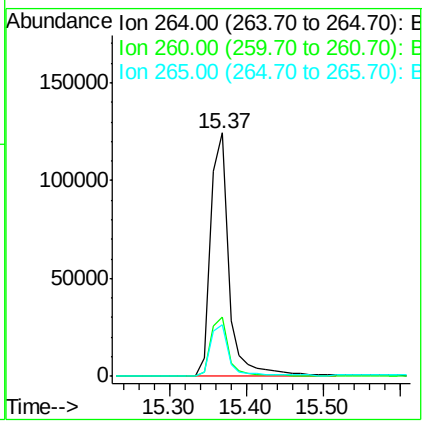


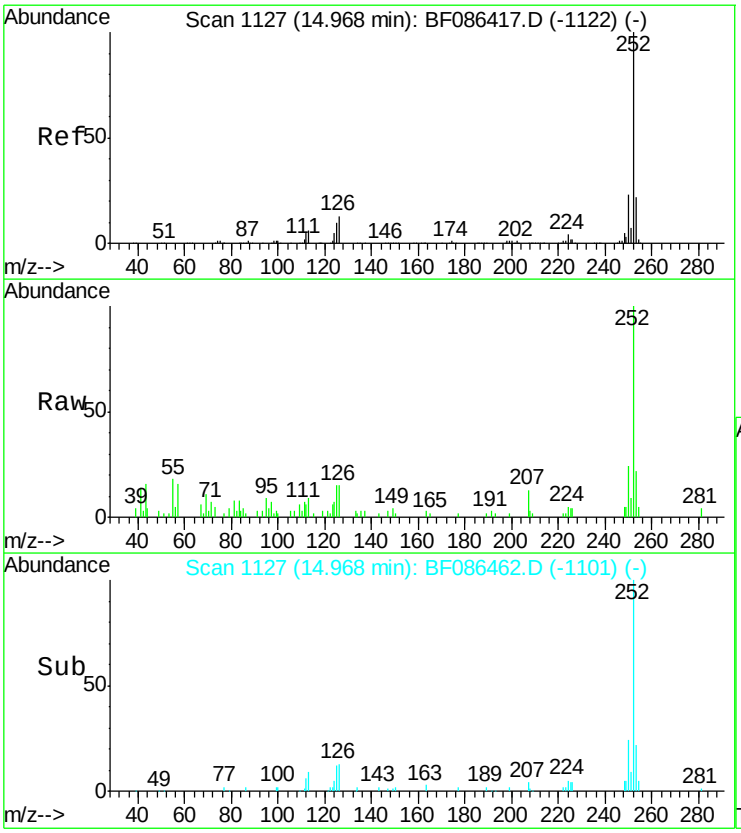
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:264 Resp: 207727

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.3	17.3	25.9

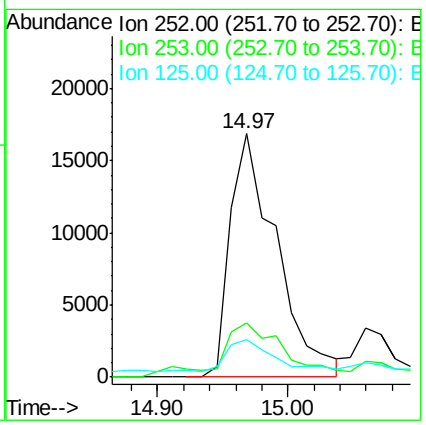


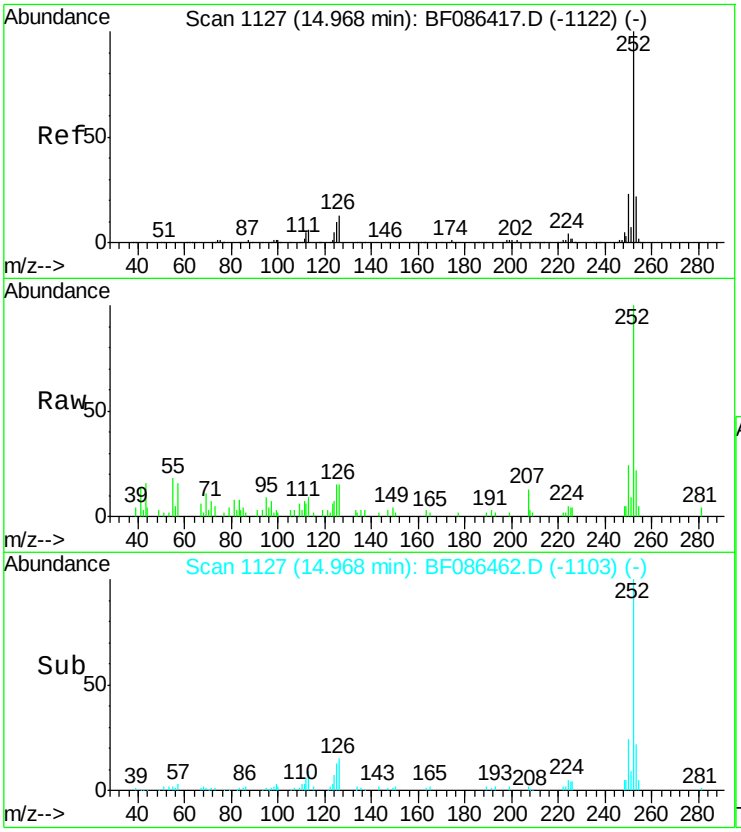


#87
Benzo(b)fluoranthene
Concen: 3.39 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion:252 Resp: 41399

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	15.3	11.4	17.0





#88
Benzo(k)fluoranthene
Concen: 3.25 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tgt Ion:252 Resp: 41399

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	15.3	9.1	13.7#