Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086684.D
Acq On : 4 May 2016 18:45
Operator : UM/SJ
Sample : H2715-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-5-CS-2(6-12FTBGS)

Quant Time: May 05 01:35:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	158530	40.00	ng		0.00
21) Naphthalene-d8	8.02	136	612410	40.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	272489	40.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	451907	40.00	ng		0.00
75) Chrysene-d12	13.88	240	337925	40.00	ng		0.00
86) Perylene-d12	15.27	264	338790	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1367493	142.80	ng		0.01
7) Phenol-d6	6.38	99	1836907	142.40	ng		0.01
23) Nitrobenzene-d5	7.31	82	1211808	101.68	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	361144	135.48	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1525884	91.79	ng		0.00
78) Terphenyl-d14	12.84	244	905001	54.12	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.89	79	18807	2.25	ng	#	40
19) n-Nitroso-di-n-propylamine	7.31	70	163692	18.57	ng	#	80
25) Isophorone	7.31	82	1139456	51.34	ng	#	68
49) Dimethylphthalate	9.49	163	195109	9.60	ng		99
56) 2,4-Dinitrotoluene	9.77	165	34969	6.47	ng	#	16
64) 4,6-Dinitro-2-methylphenol	10.56	198	716	5.57	ng	#	1
66) 4-Bromophenyl-phenylether	10.56	248	19998	4.45	ng	#	1
70) Phenanthrene	11.28	178	64189	2.64	ng		100
74) Fluoranthene	12.45	202	64639	2.66	ng		96
77) Pyrene	12.68	202	63151	2.34	ng		97
87) Benzo(b)fluoranthene	14.89	252	42406	2.08	ng	#	92
88) Benzo(k)fluoranthene	14.89	252	42406	2.21	ng	#	89

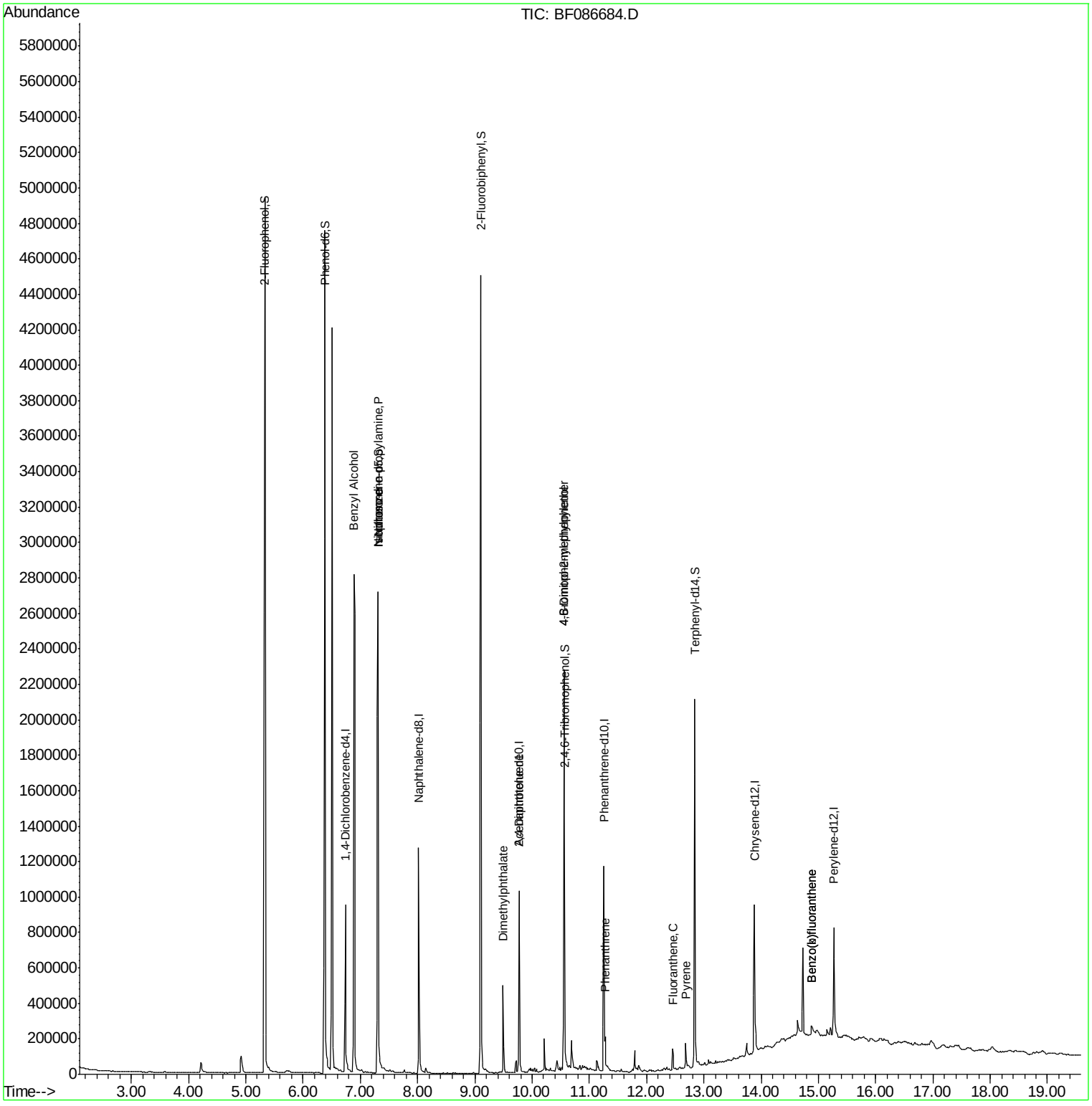
(#) = qualifier out of range (m) = manual integration (+) = signals summed

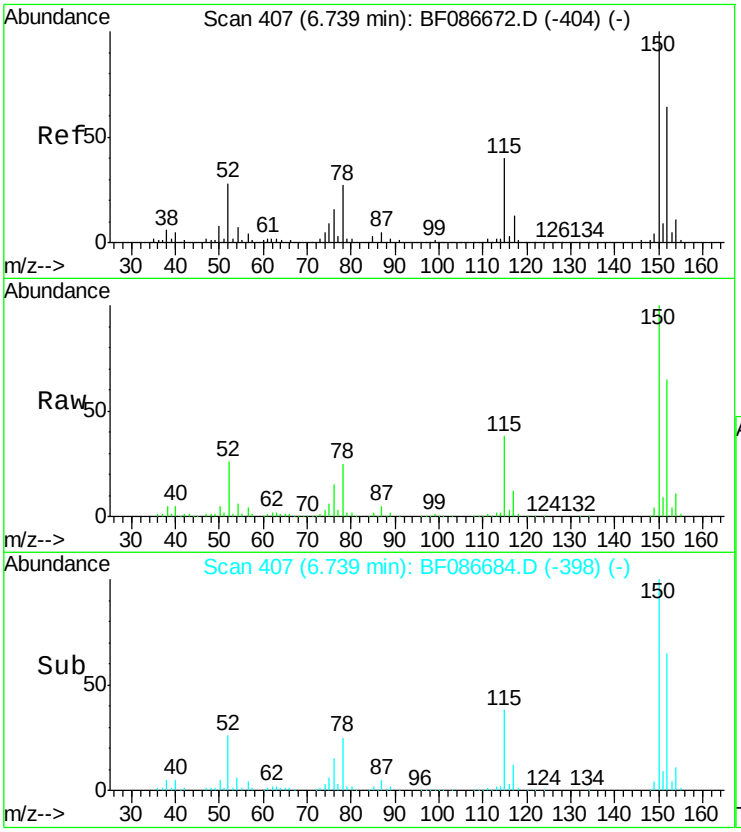
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086684.D
Acq On : 4 May 2016 18:45
Operator : UM/SJ
Sample : H2715-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Quant Time: May 05 01:35:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration



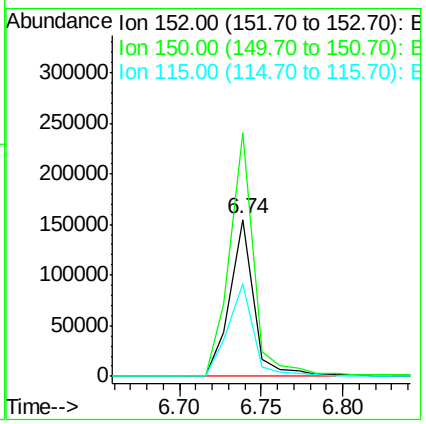


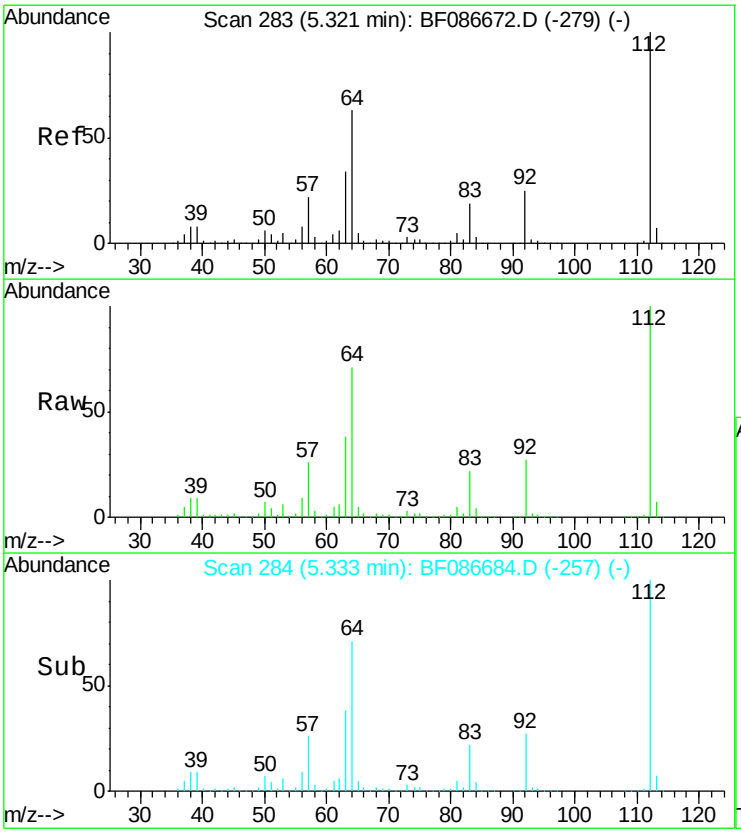
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:152 Resp: 158530

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.8	188.6
115	58.7	51.5	77.3

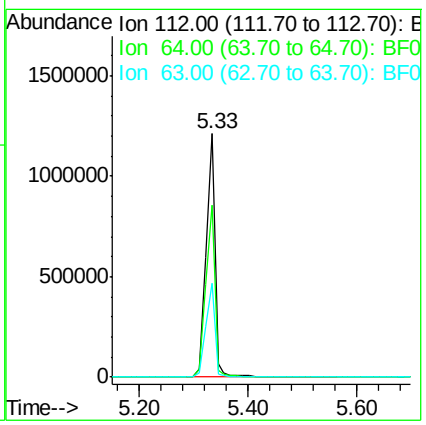


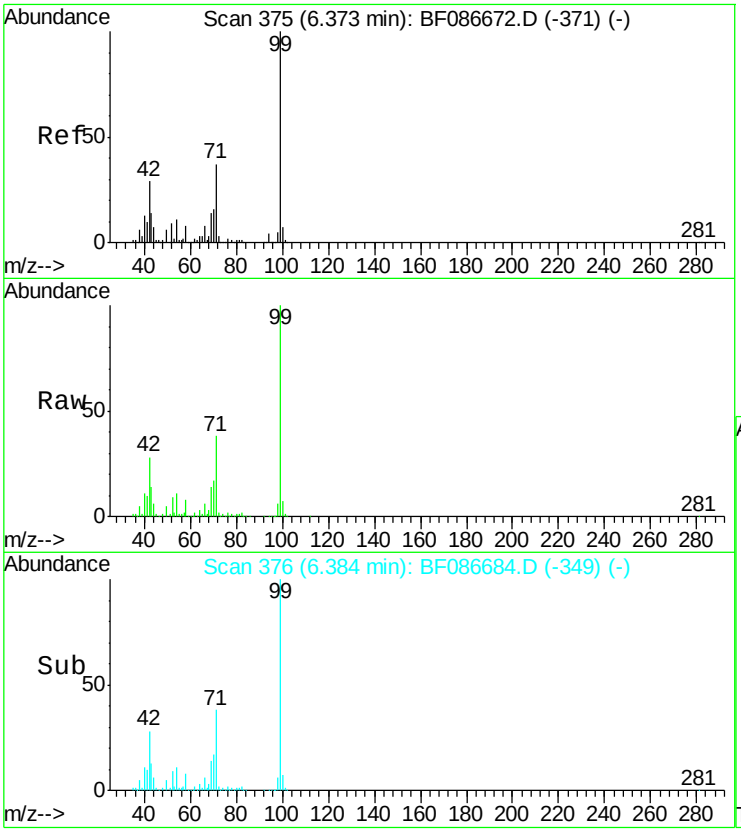


#5
2-Fluorophenol
Concen: 142.80 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:112 Resp: 1367493

Ion	Ratio	Lower	Upper
112	100		
64	70.7	52.1	78.1
63	38.5	25.7	38.5



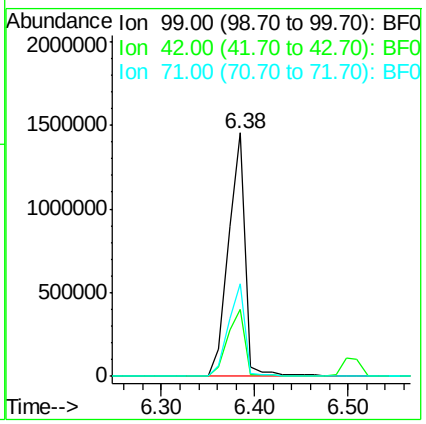


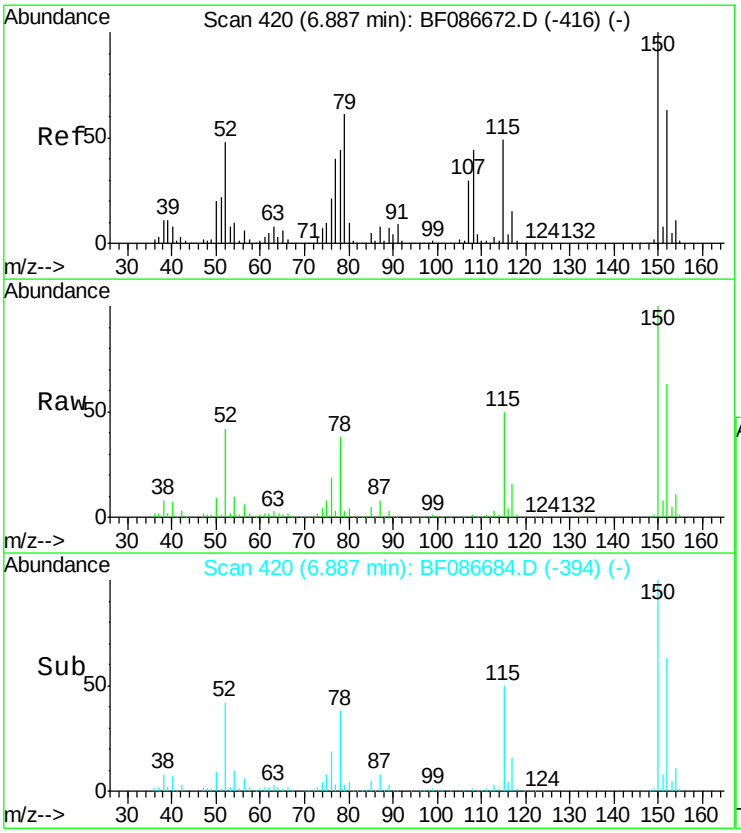
#7
Phenol-d6
Concen: 142.40 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion: 99 Resp: 1836907

Ion	Ratio	Lower	Upper
99	100		
42	27.6	13.6	20.4#
71	38.1	24.6	36.8#

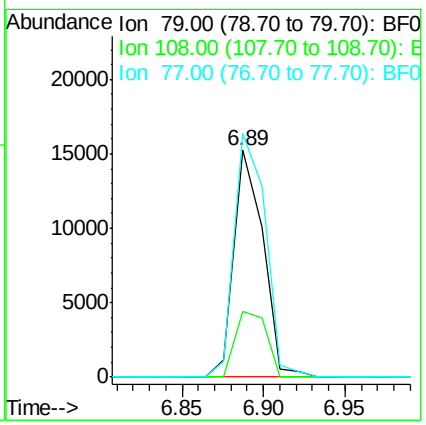


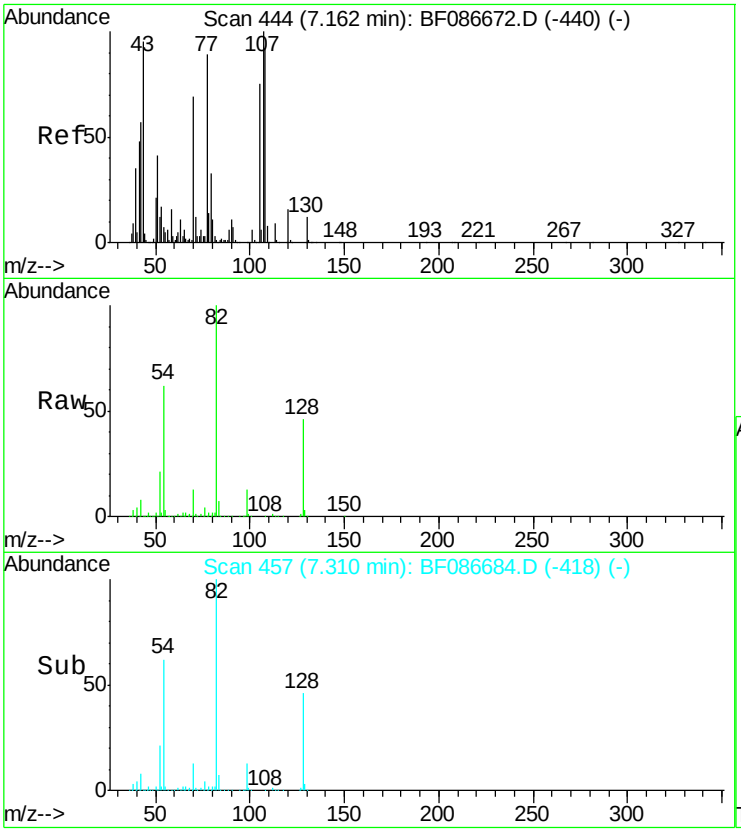


#15
Benzyl Alcohol
Concen: 2.25 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion: 79 Resp: 18807

Ion	Ratio	Lower	Upper
79	100		
108	28.7	68.4	102.6#
77	107.4	50.6	76.0#



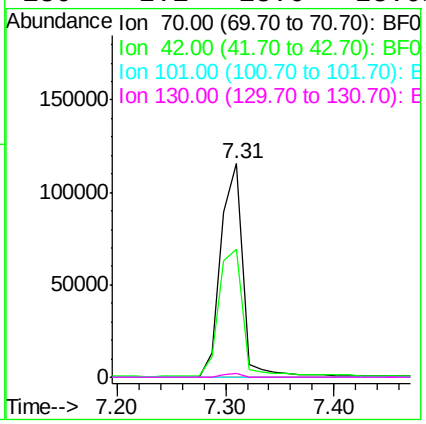


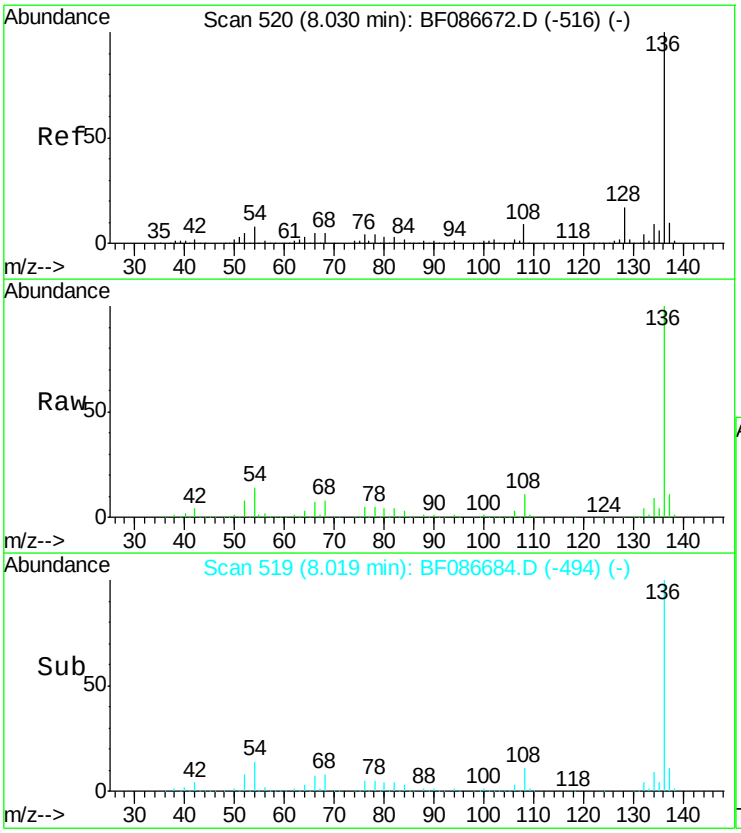
#19
n-Nitroso-di-n-propylamine
Concen: 18.57 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.15 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion: 70 Resp: 163692

Ion	Ratio	Lower	Upper
70	100		
42	60.2	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

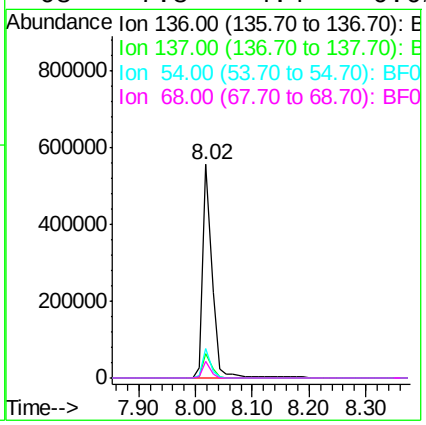


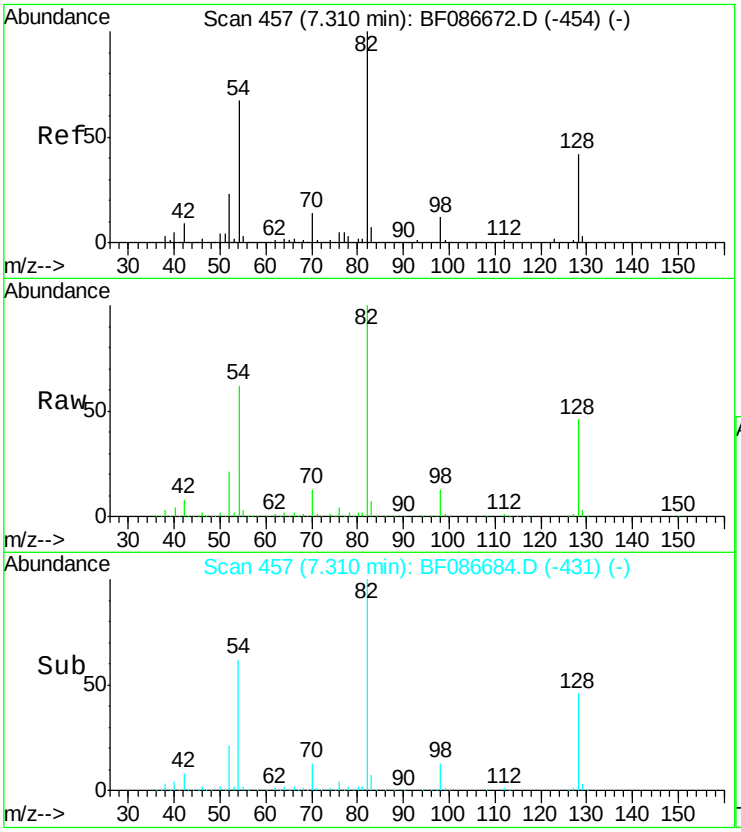


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:136 Resp: 612410

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.0	5.0	7.4#
68	7.8	4.4	6.6#



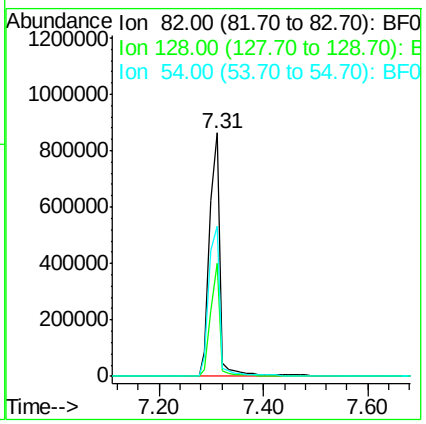


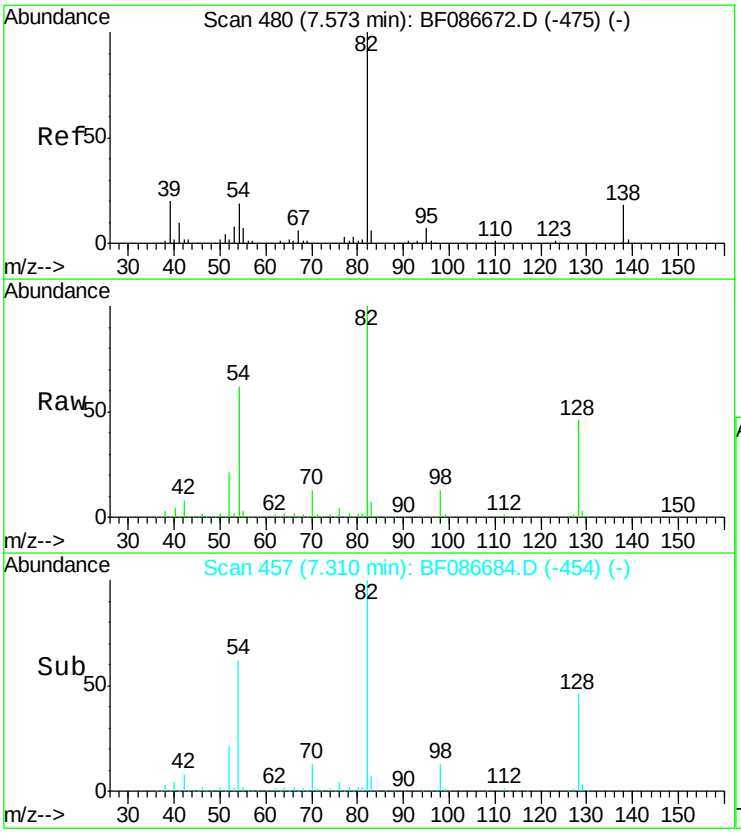
#23
Nitrobenzene-d5
Concen: 101.68 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion: 82 Resp: 1211808

Ion	Ratio	Lower	Upper
82	100		
128	46.4	40.6	61.0
54	61.9	38.1	57.1#

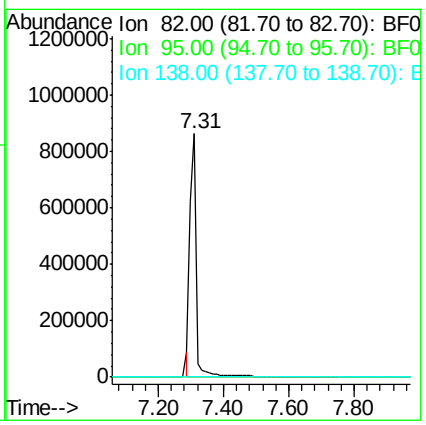


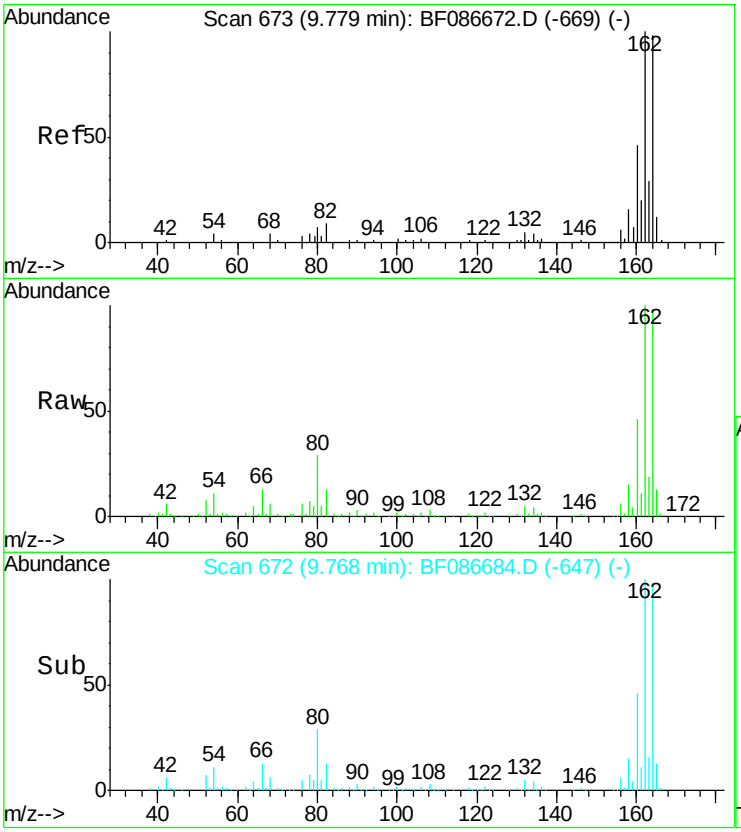


#25
Isophorone
Concen: 51.34 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.26 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion: 82 Resp: 1139456

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



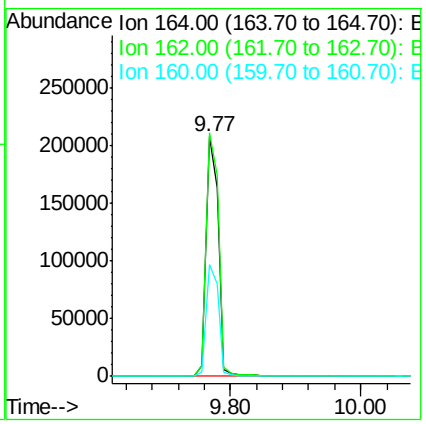


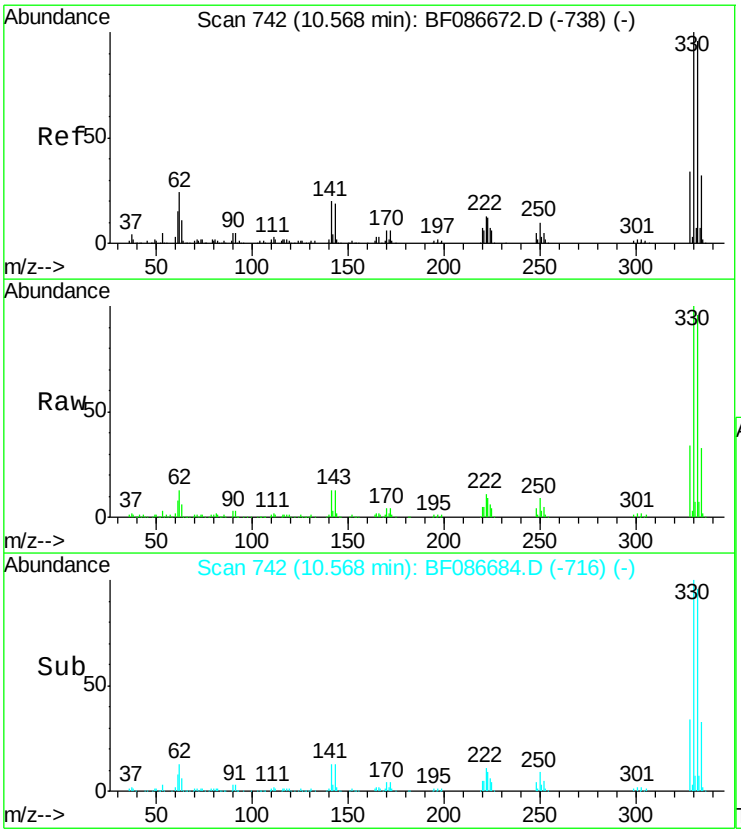
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:164 Resp: 272489

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.8	124.2
160	46.5	36.9	55.3

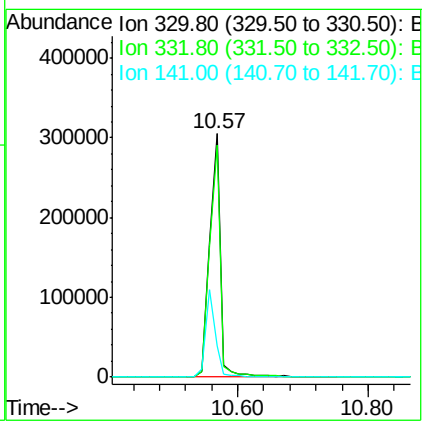


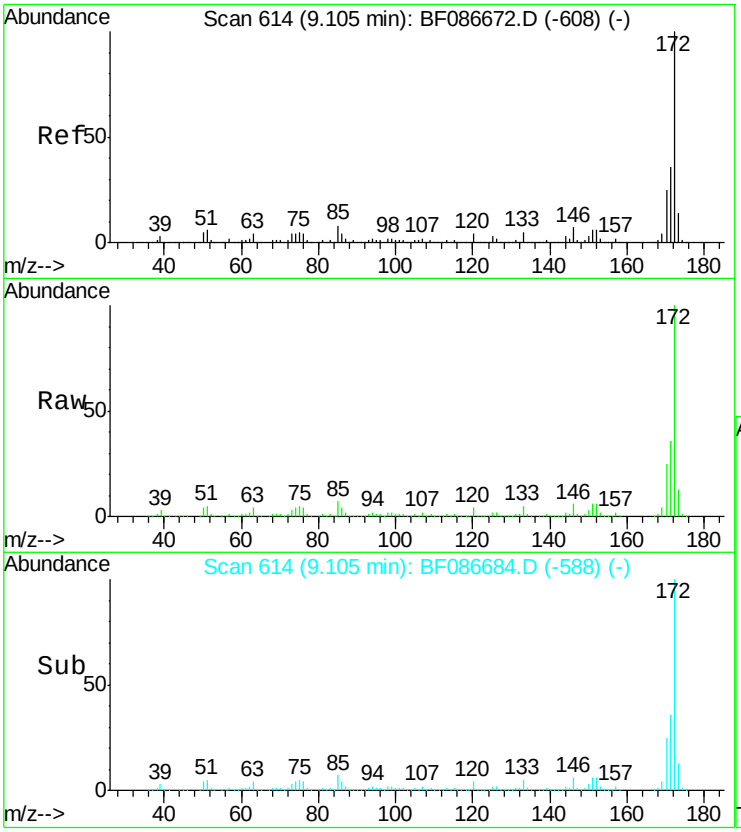


#41
2,4,6-Tribromophenol
Concen: 135.48 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:330 Resp: 361144

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	32.8	31.2	46.8



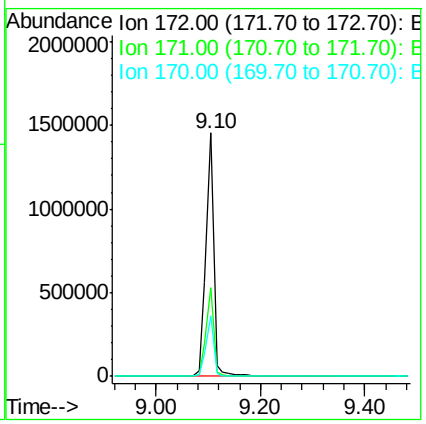


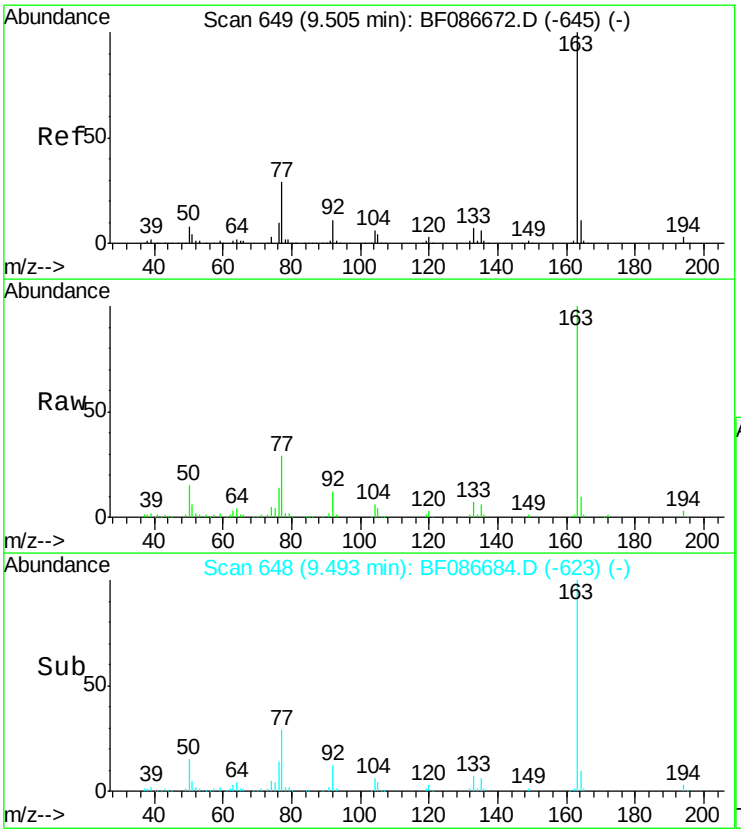
#44
2-Fluorobiphenyl
Concen: 91.79 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:172 Resp: 1525884

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.7	19.8	29.8

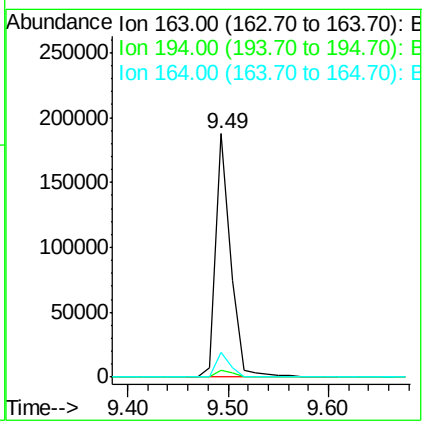


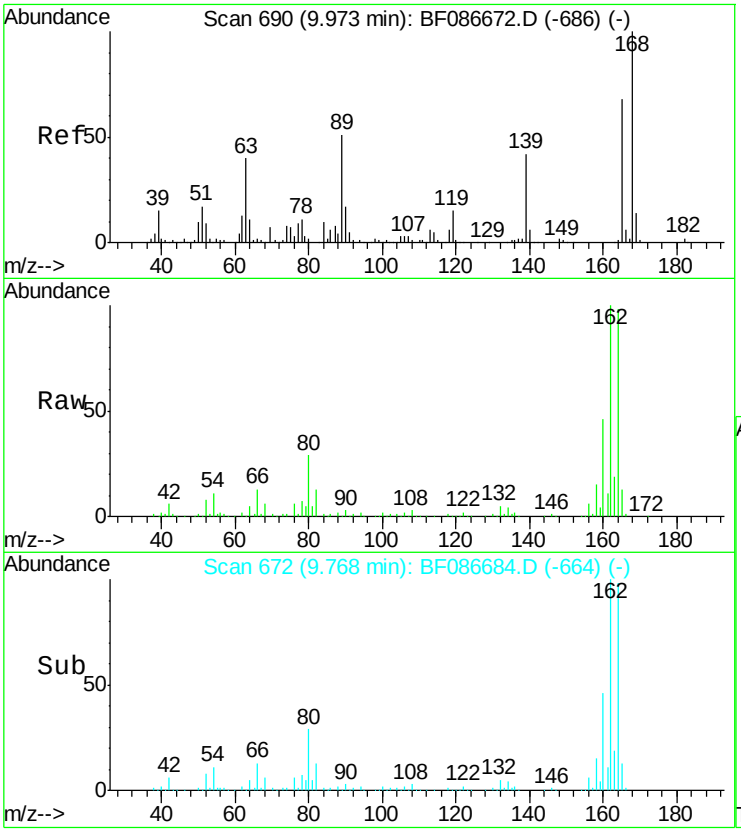


#49
Dimethylphthalate
Concen: 9.60 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:163 Resp: 195109

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.0	8.2	12.4



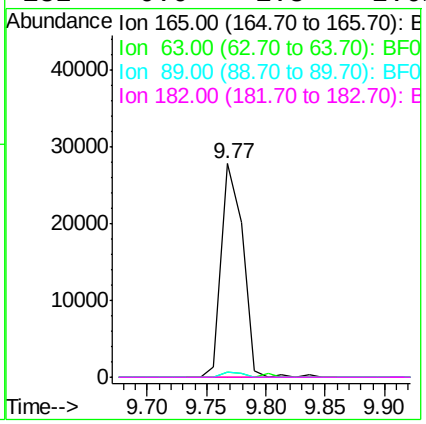


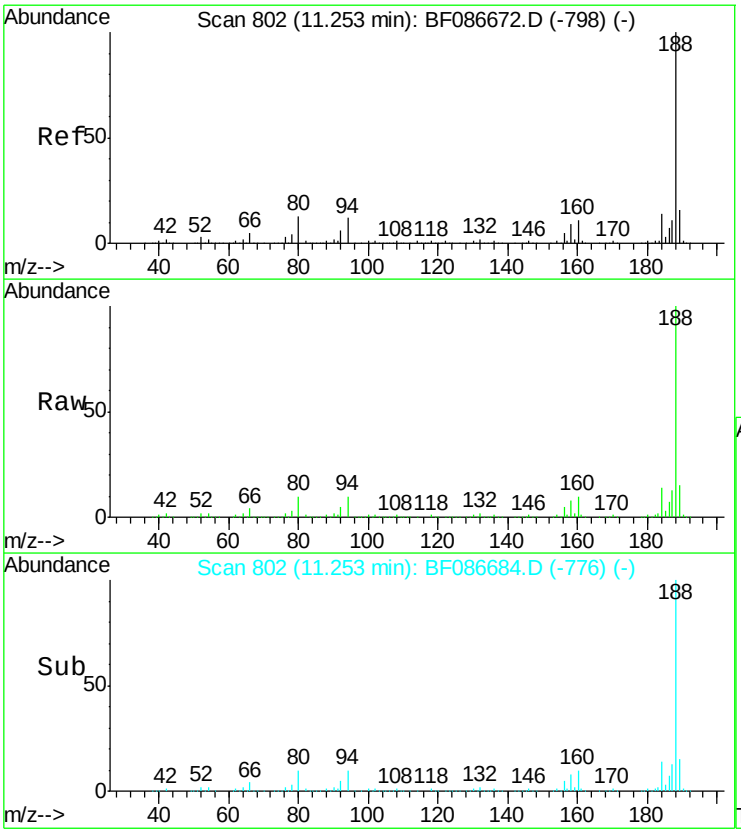
#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:165 Resp: 34969

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

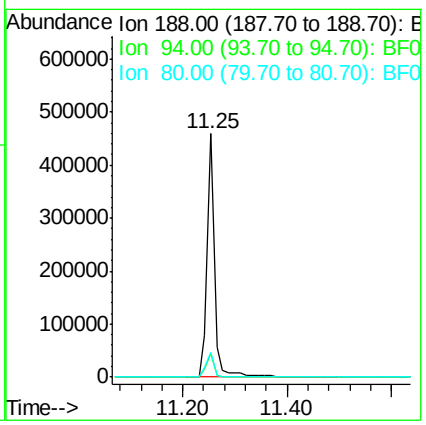


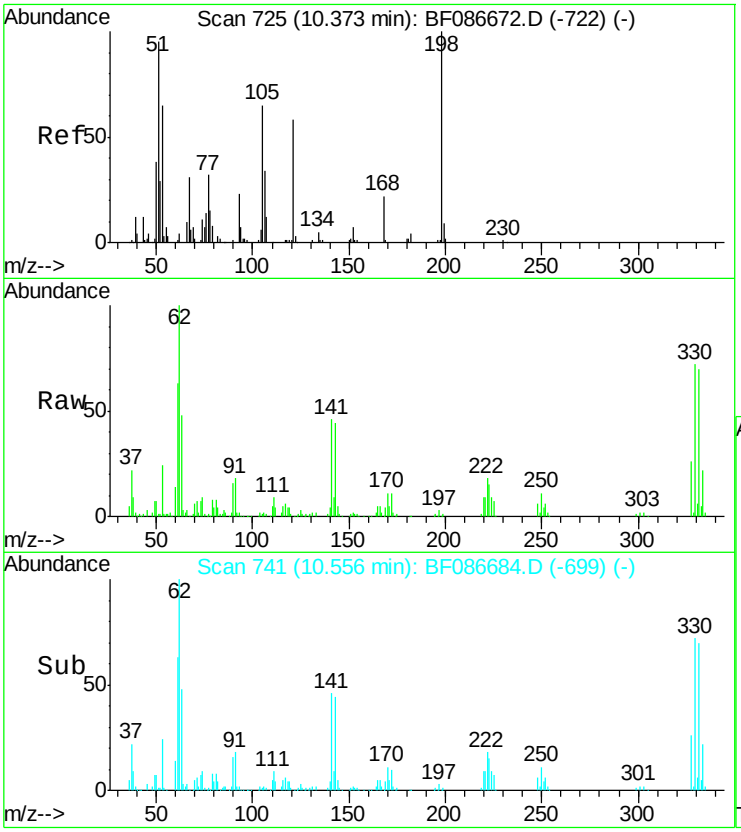


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:188 Resp: 451907

Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.8	10.2
80	9.9	7.1	10.7



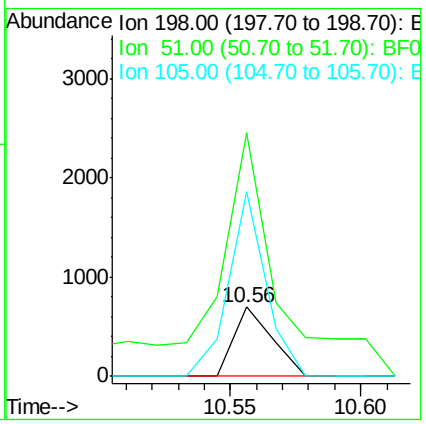


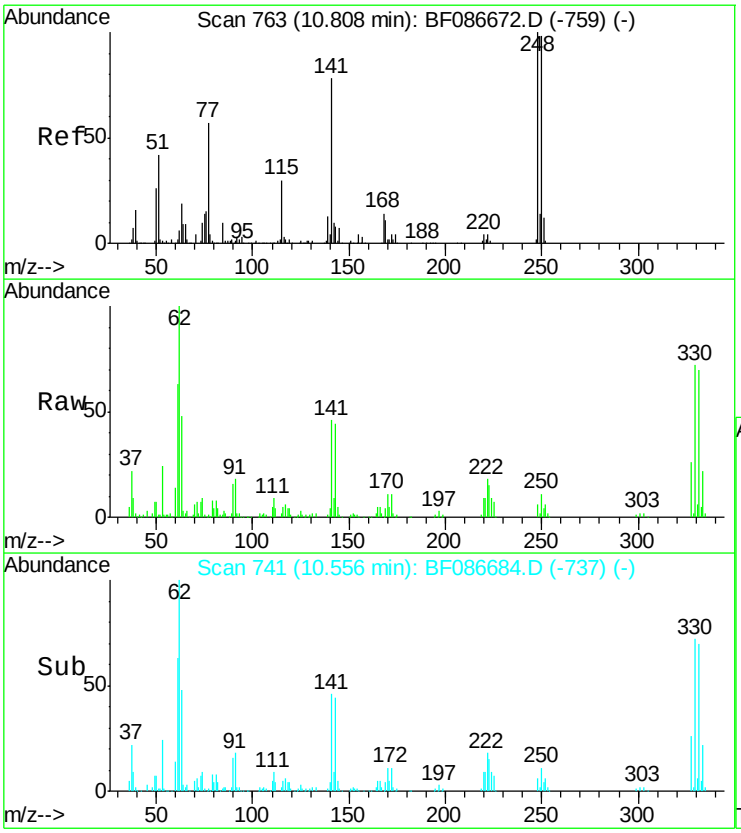
#64
4,6-Dinitro-2-methylphenol
Concen: 5.57 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.18 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:198 Resp: 716

Ion	Ratio	Lower	Upper
198	100		
51	350.9	20.5	60.5#
105	265.6	24.5	64.5#

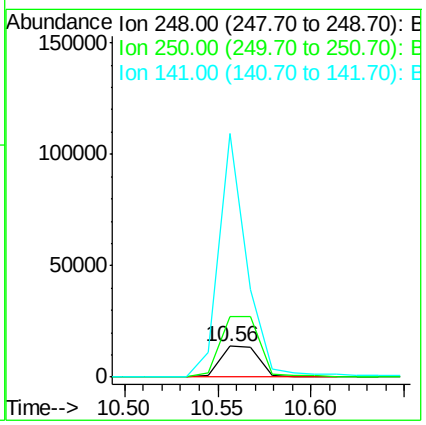


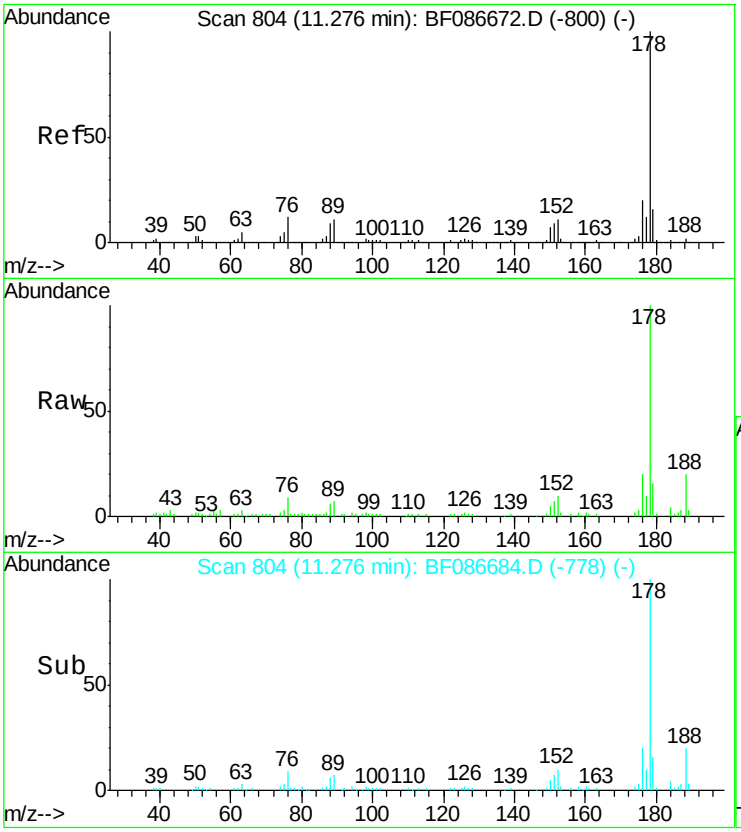


#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:248 Resp: 19998

Ion	Ratio	Lower	Upper
248	100		
250	197.6	78.6	117.8#
141	797.5	76.0	114.0#



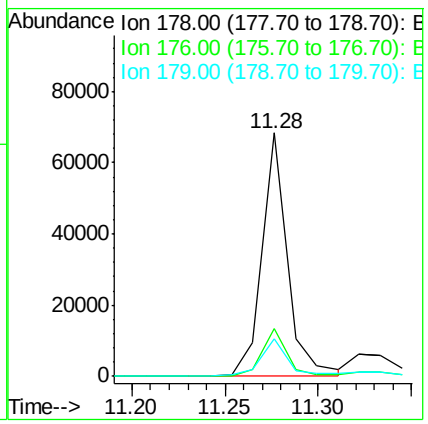


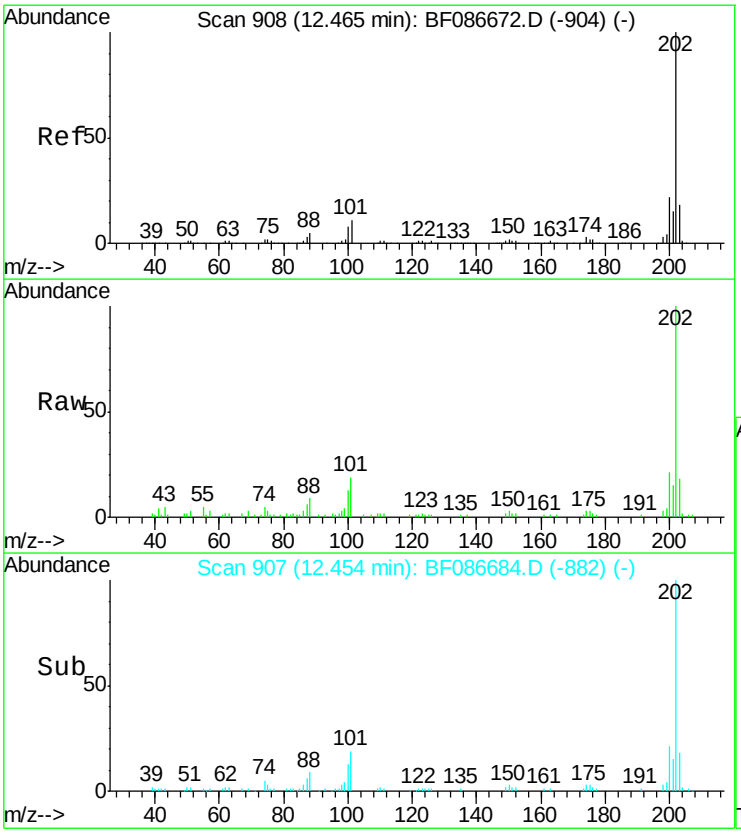
#70
Phenanthrene
Concen: 2.64 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:178 Resp: 64189

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.6	12.6	18.8

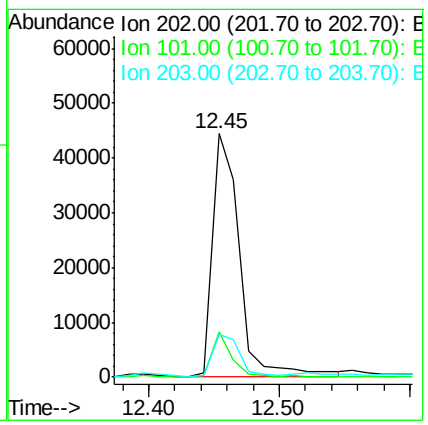


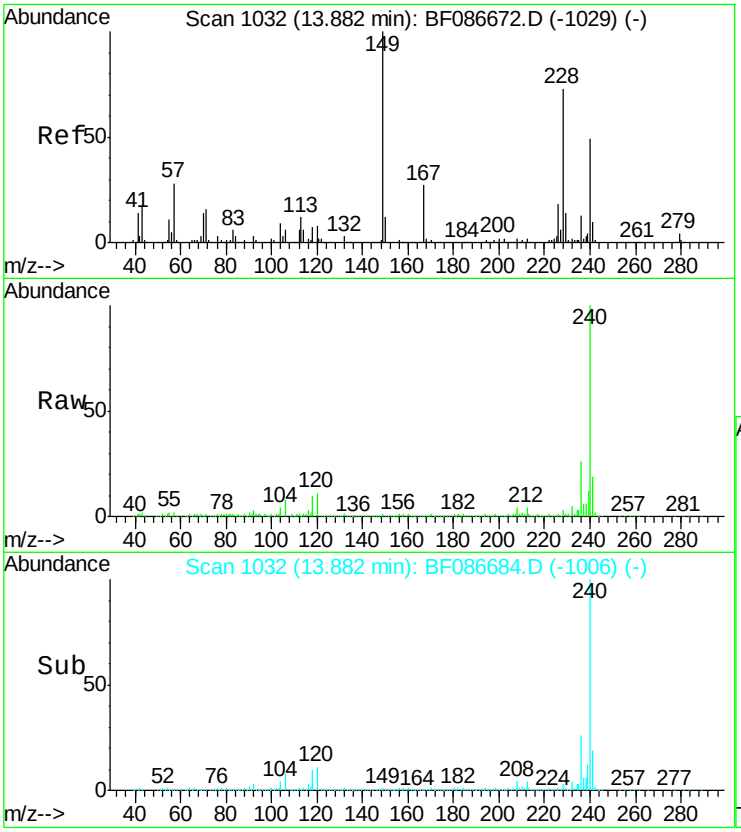


#74
Fluoranthene
Concen: 2.66 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:202 Resp: 64639

Ion	Ratio	Lower	Upper
202	100		
101	18.8	0.0	35.4
203	17.6	0.0	38.1



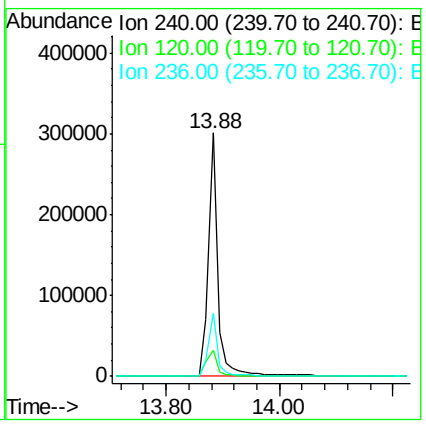


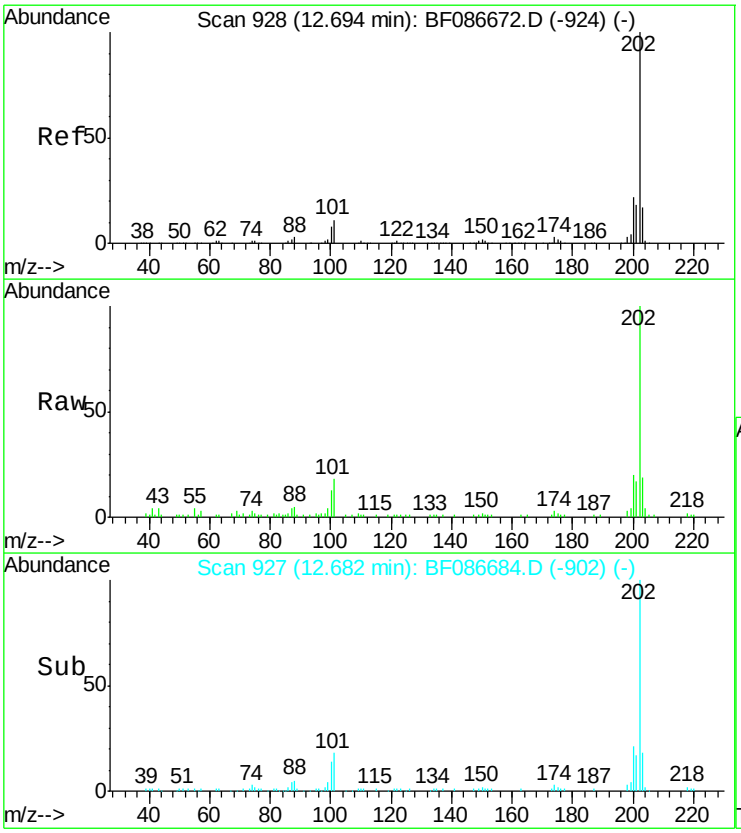
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:240 Resp: 337925

Ion	Ratio	Lower	Upper
240	100		
120	10.8	11.2	16.8#
236	25.9	21.2	31.8

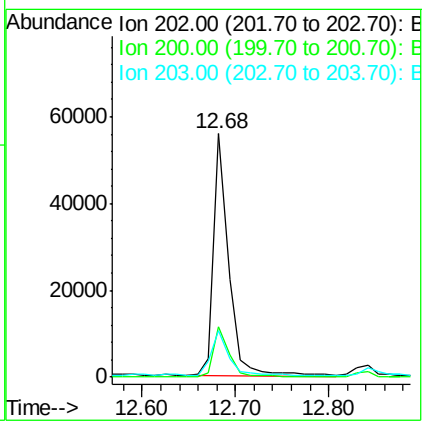


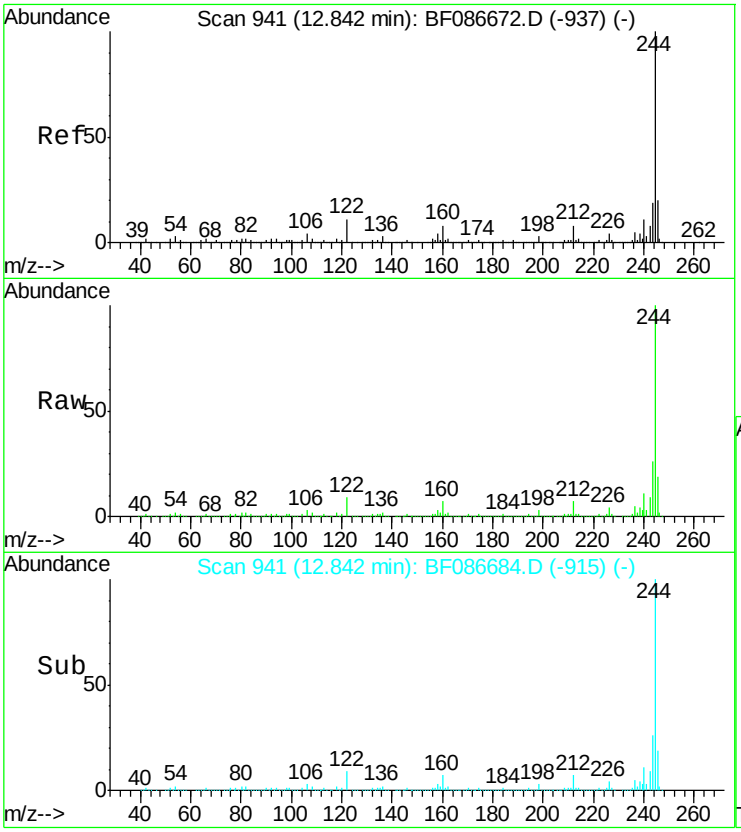


#77
Pyrene
Concen: 2.34 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:202 Resp: 63151

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.7	26.5
203	19.2	14.2	21.4



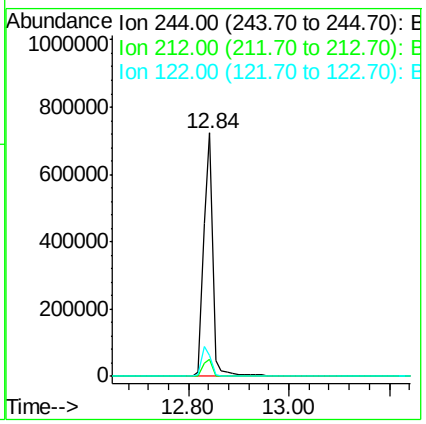


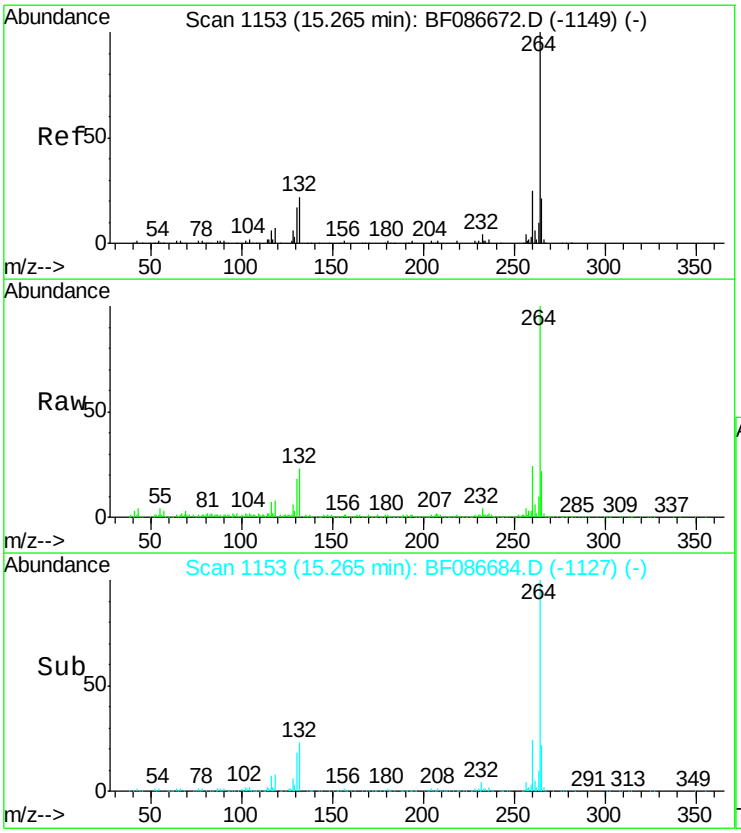
#78
Terphenyl-d14
Concen: 54.12 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:244 Resp: 905001

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	8.7	12.0	18.0#

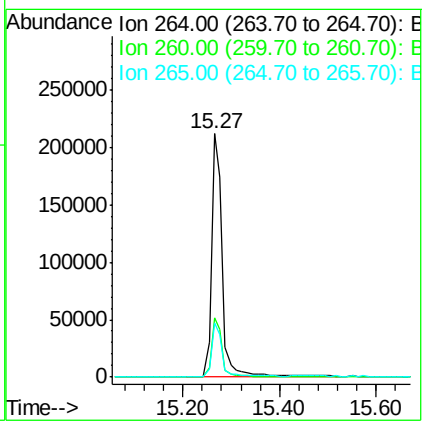


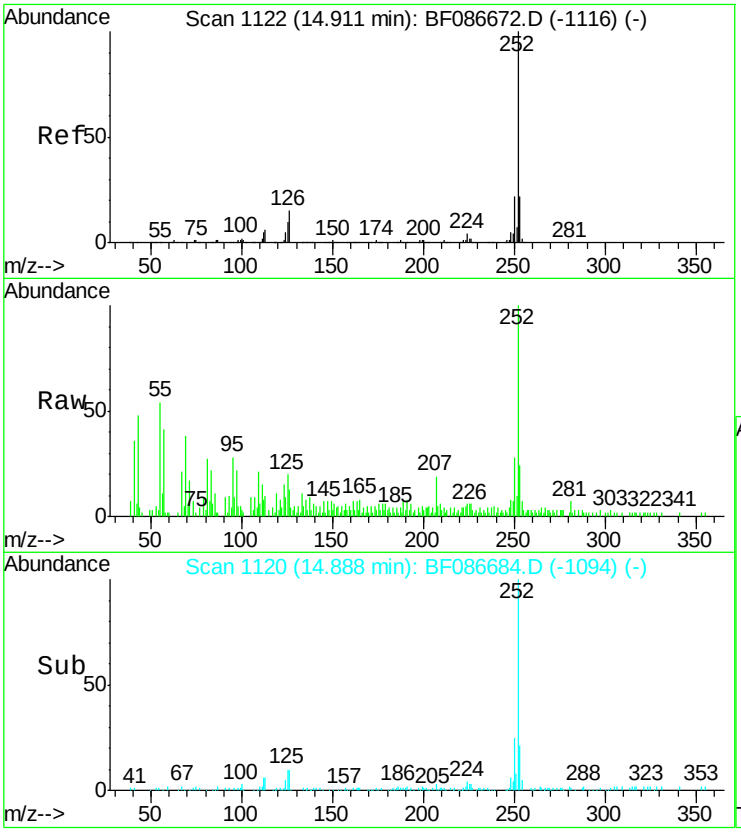


#86
Perylene-d12
Concen: 40.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:264 Resp: 338790

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	17.3	25.9



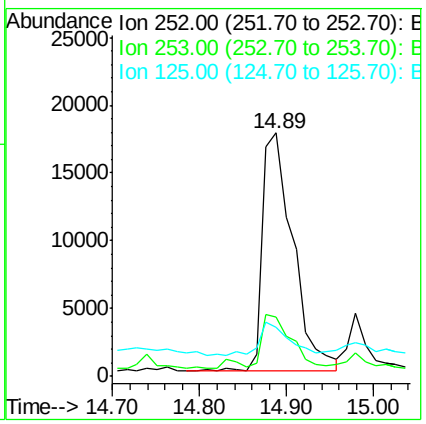


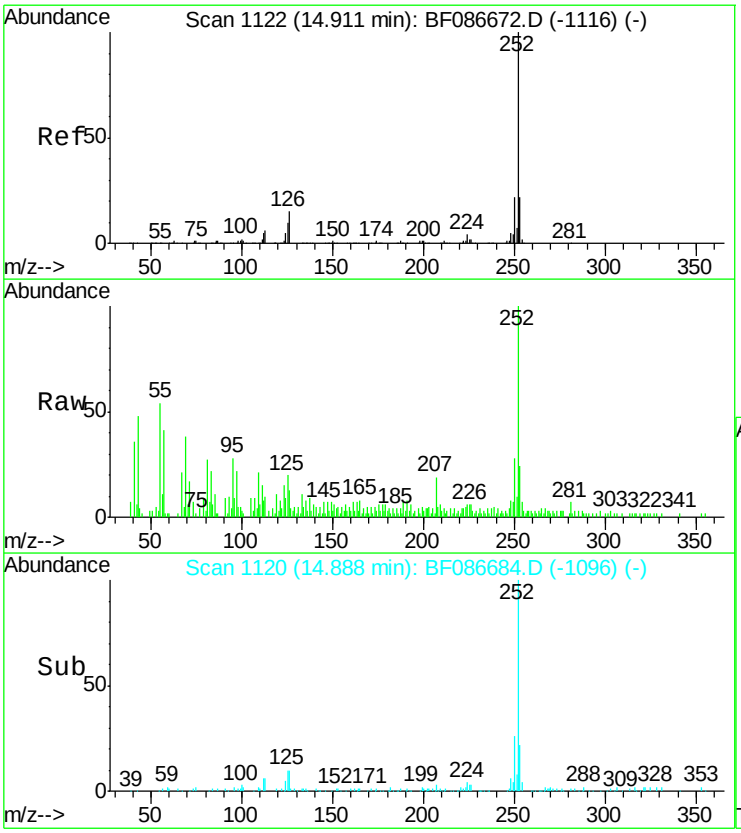
#87
Benzo(b)fluoranthene
Concen: 2.08 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:252 Resp: 42406

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	20.0	11.4	17.0#





#88
Benzo(k)fluoranthene
Concen: 2.21 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF086684.D
Acq: 4 May 2016 18:45

Tgt Ion:252 Resp: 42406

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	20.0	9.1	13.7#