Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086687.D
Acq On : 4 May 2016 20:11
Operator : UM/SJ
Sample : H2715-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-3-CS-8(12-25FTBGS)

Quant Time: May 05 01:36:46 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	161471	40.00	ng		0.00
21) Naphthalene-d8	8.02	136	599643	40.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	267185	40.00	ng		0.00
63) Phenanthrene-d10	11.25	188	431075	40.00	ng		0.00
75) Chrysene-d12	13.88	240	346300	40.00	ng		0.00
86) Perylene-d12	15.28	264	270100	40.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1294930	132.76	ng		0.01
7) Phenol-d6	6.38	99	1567511	119.31	ng		0.01
23) Nitrobenzene-d5	7.31	82	1238837	106.16	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	361691	138.38	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1610147	98.79	ng		0.00
78) Terphenyl-d14	12.84	244	1105397	64.51	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.89	79	21328	2.51	ng	#	41
19) n-Nitroso-di-n-propylamine	7.31	70	172659	19.23	ng	#	79
25) Isophorone	7.31	82	1144487	52.67	ng	#	68
49) Dimethylphthalate	9.49	163	207950	10.44	ng		99
56) 2,4-Dinitrotoluene	9.78	165	35084	6.62	ng	#	17
64) 4,6-Dinitro-2-methylphenol	10.57	198	933	5.70	ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	22390	5.23	ng	#	1
70) Phenanthrene	11.28	178	123864	5.35	ng		99
74) Fluoranthene	12.46	202	122502	5.28	ng		94
76) Benzidine	12.66	184	2189	7.29	ng	#	1
77) Pyrene	12.68	202	116141	4.21	ng		96
80) Benzo(a)anthracene	13.87	228	53927	2.75	ng	#	89
82) Chrysene	13.87	228	54262	2.60	ng	#	91
87) Benzo(b)fluoranthene	14.89	252	68606	4.23	ng	#	80
88) Benzo(k)fluoranthene	14.89	252	68606	4.49	ng	#	77
89) Benzo(a)pyrene	15.22	252	31909	2.13	ng	#	75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
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Acq On : 4 May 2016 20:11
Operator : UM/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Quant Time: May 05 01:36:46 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
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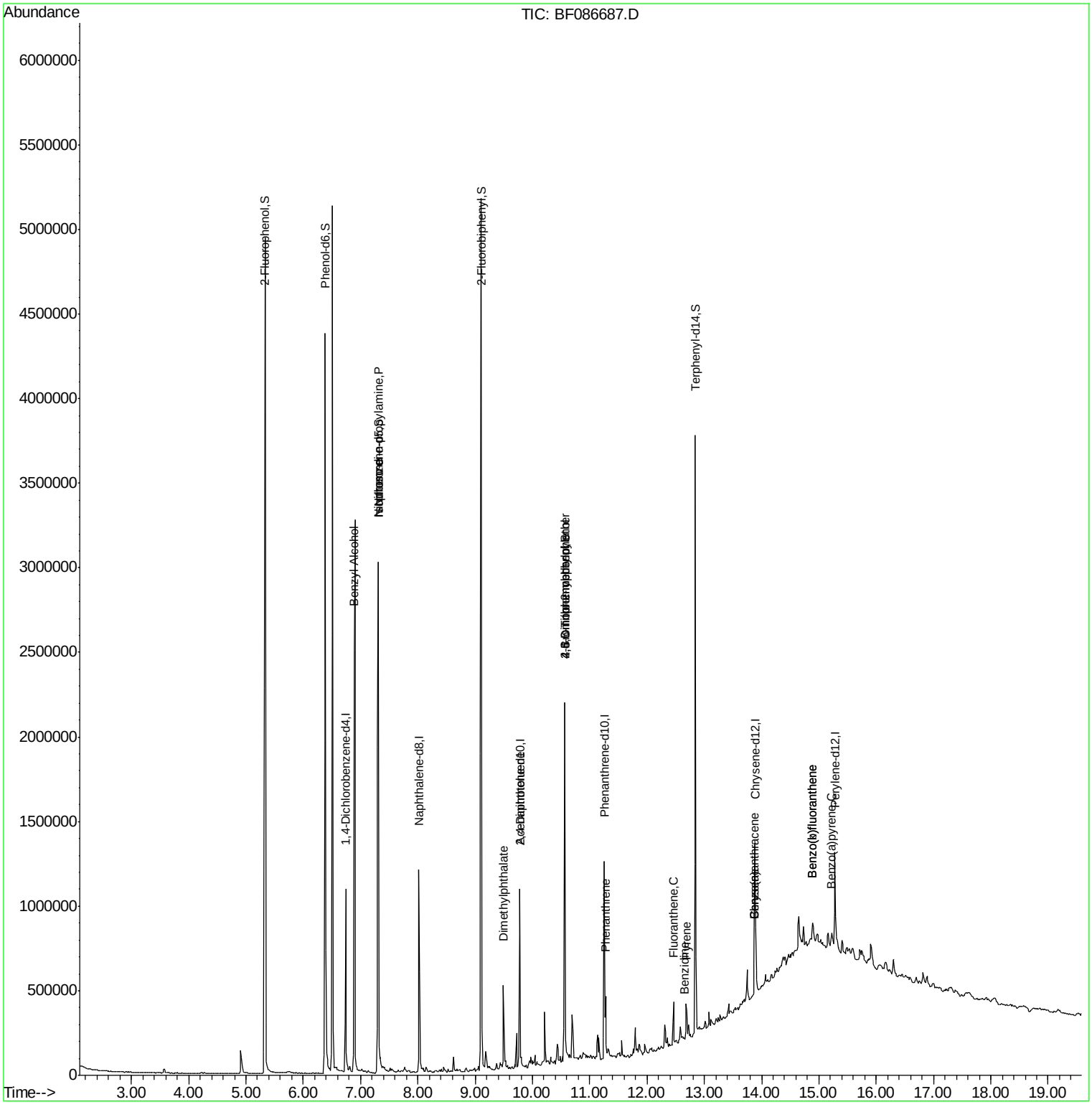
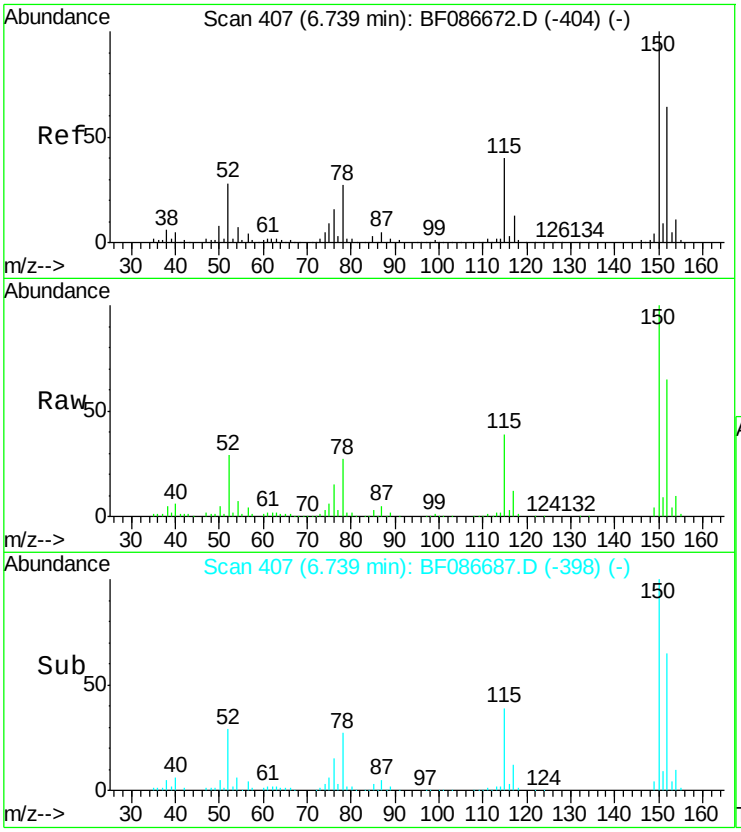


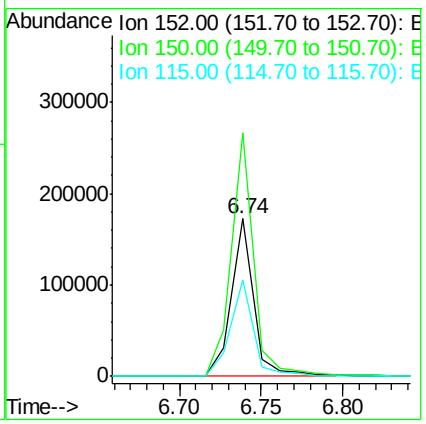


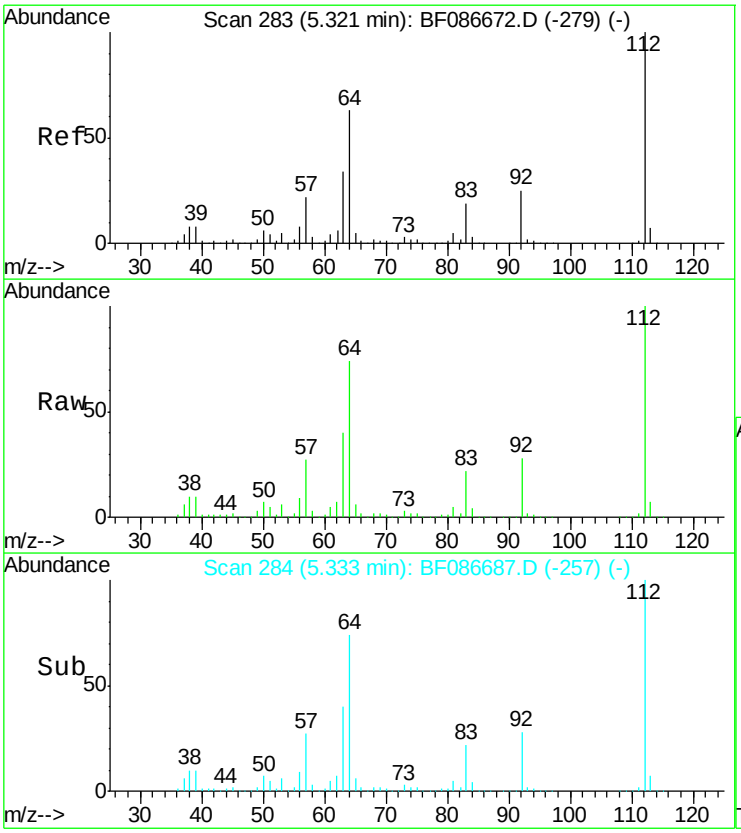
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:152 Resp: 161471

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.8	188.6
115	60.9	51.5	77.3

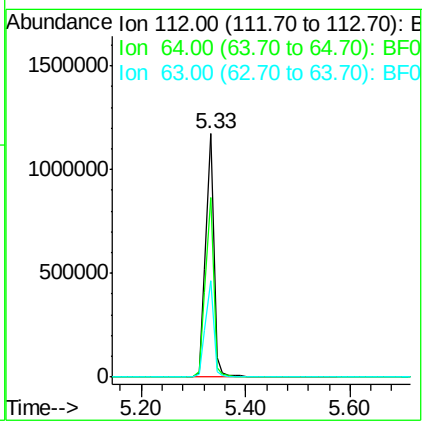


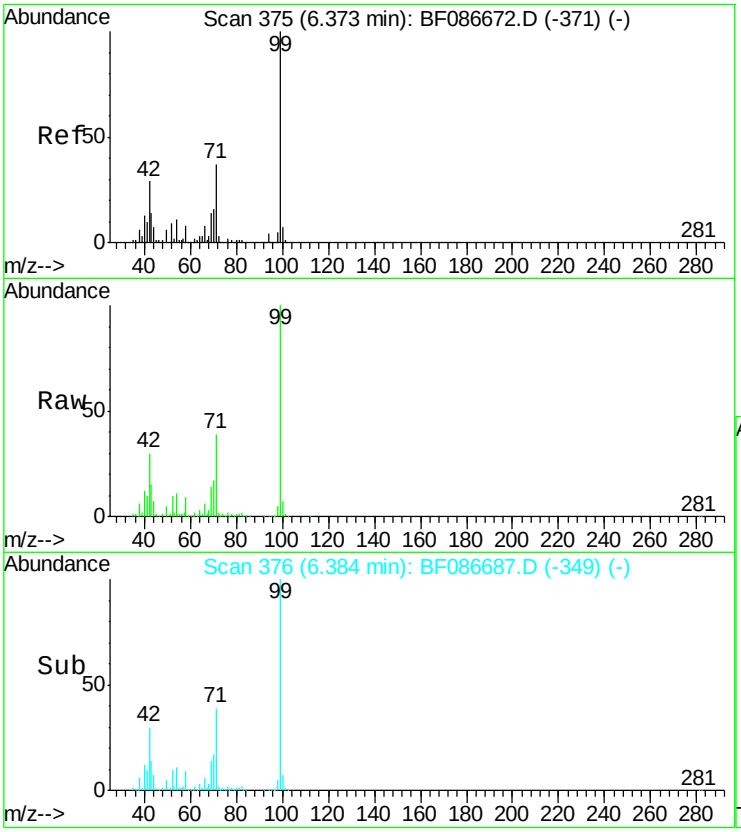


#5
2-Fluorophenol
Concen: 132.76 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:112 Resp: 1294930

Ion	Ratio	Lower	Upper
112	100		
64	73.9	52.1	78.1
63	39.8	25.7	38.5#



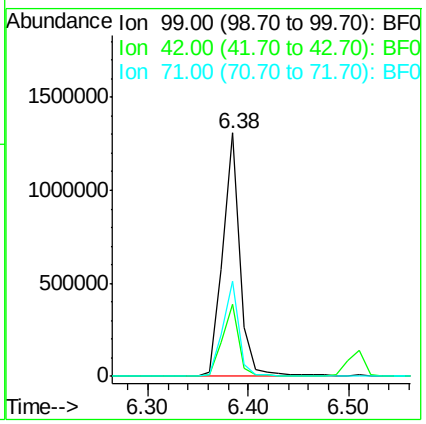


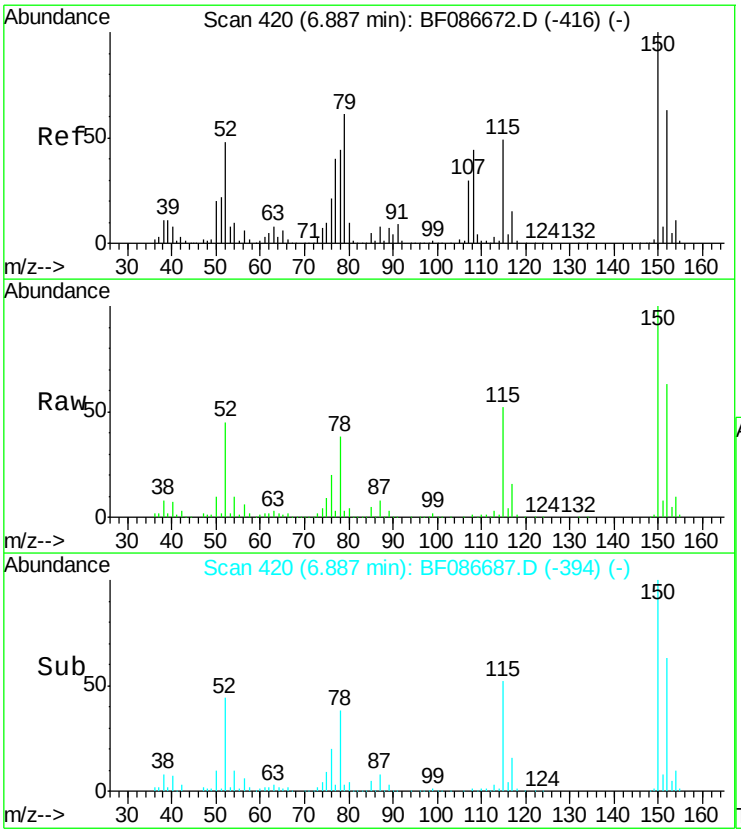
#7
Phenol-d6
Concen: 119.31 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion: 99 Resp: 1567511

Ion	Ratio	Lower	Upper
99	100		
42	29.8	13.6	20.4#
71	38.9	24.6	36.8#

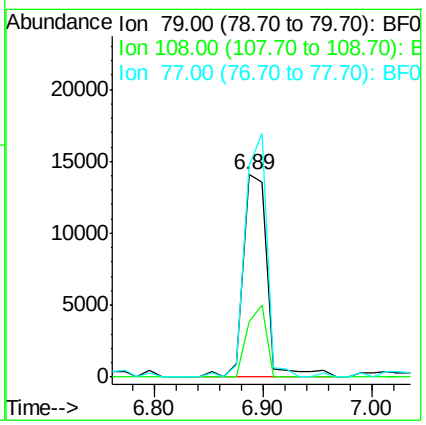


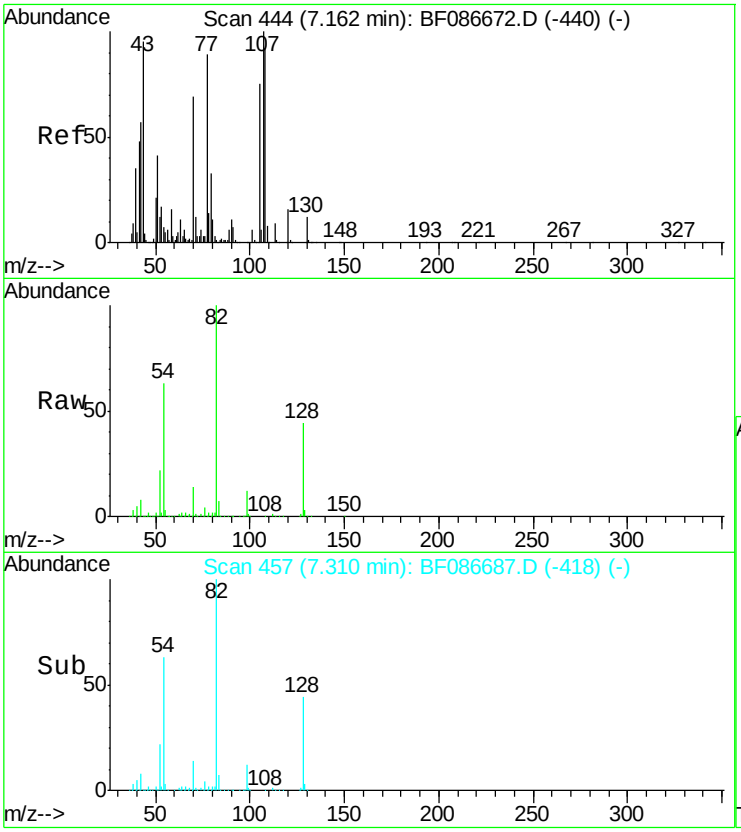


#15
Benzyl Alcohol
Concen: 2.51 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion: 79 Resp: 21328

Ion	Ratio	Lower	Upper
79	100		
108	27.4	68.4	102.6#
77	104.2	50.6	76.0#



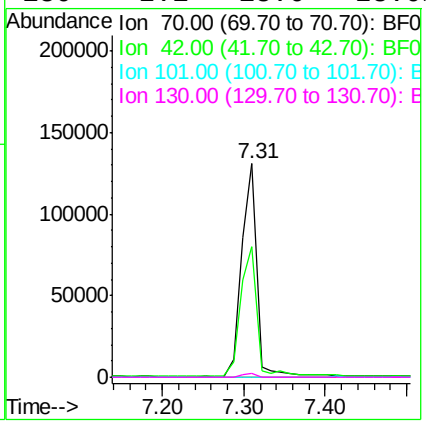


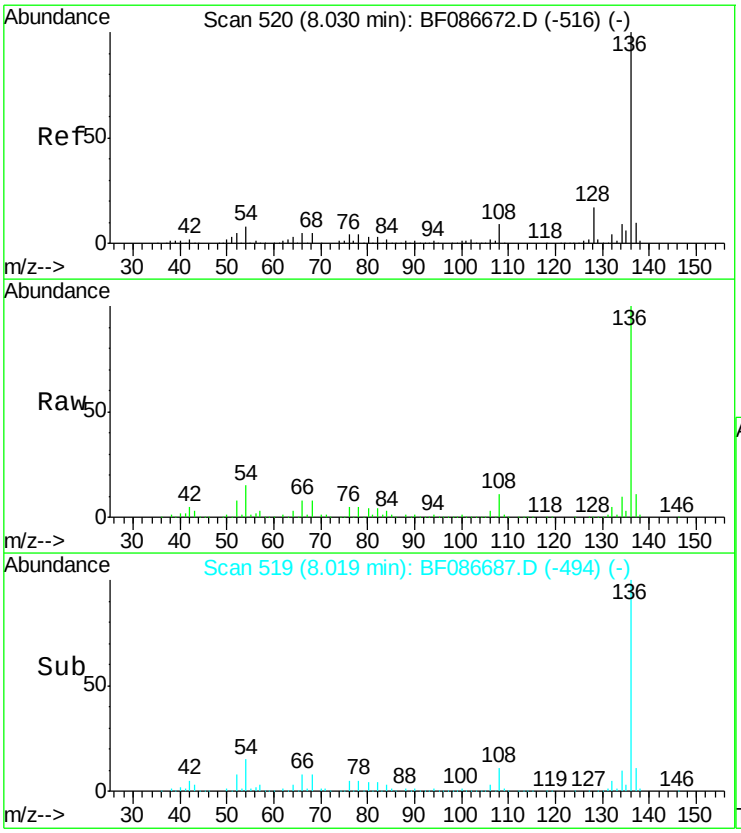
#19
n-Nitroso-di-n-propylamine
Concen: 19.23 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.15 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion: 70 Resp: 172659

Ion	Ratio	Lower	Upper
70	100		
42	61.0	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

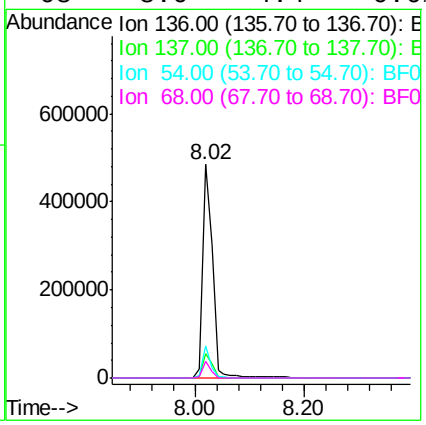


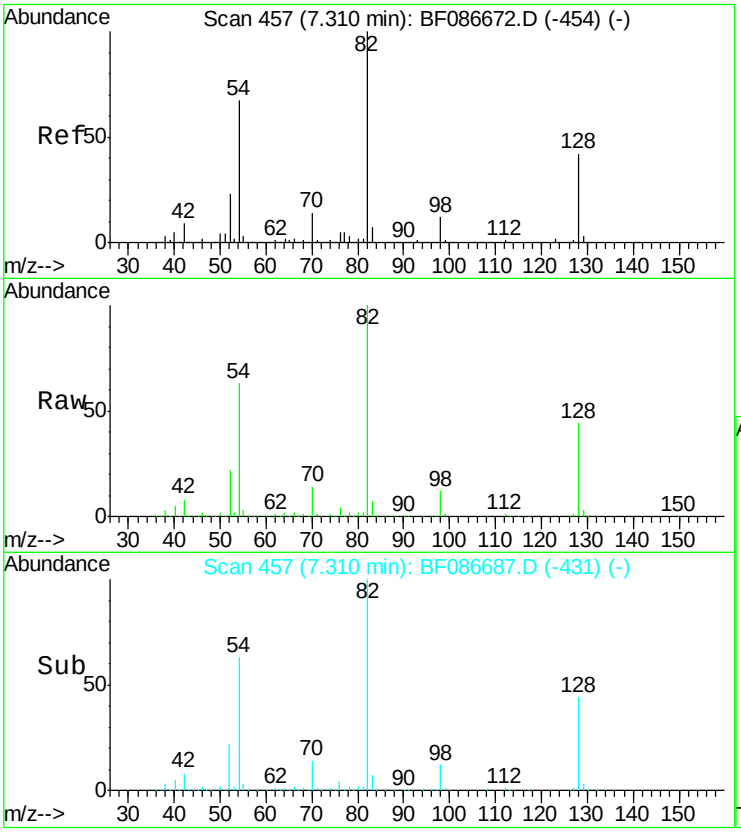


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:136 Resp: 599643

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.9	5.0	7.4#
68	8.0	4.4	6.6#



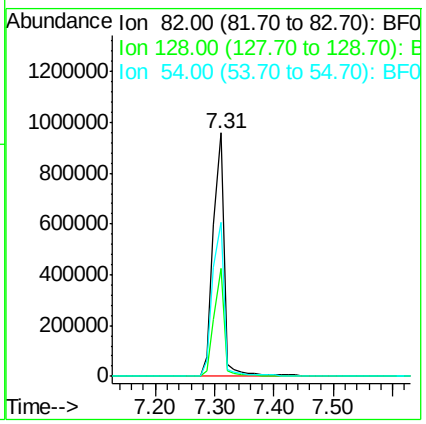


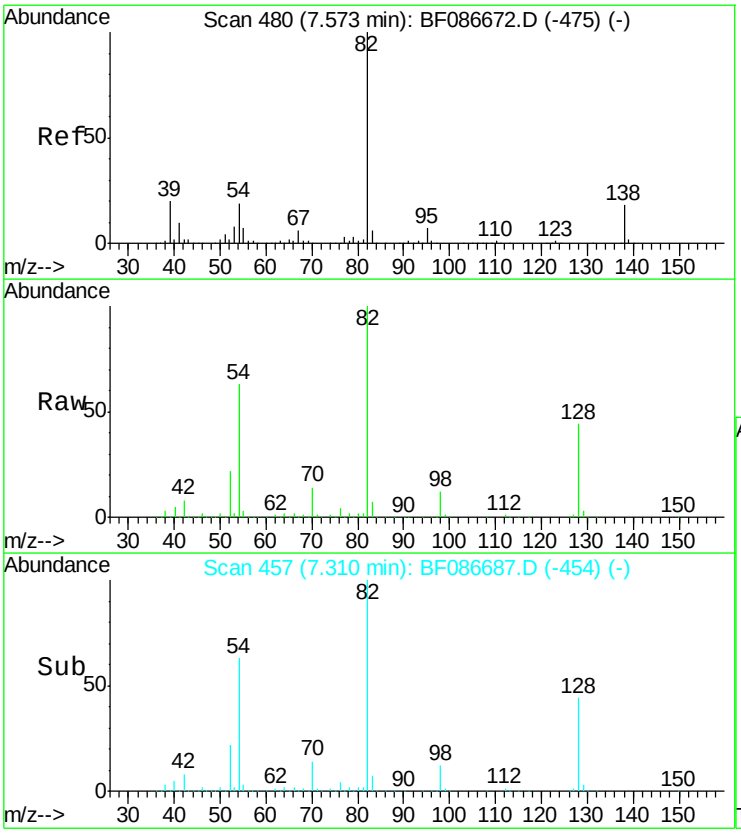
#23
Nitrobenzene-d5
Concen: 106.16 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion: 82 Resp: 1238837

Ion	Ratio	Lower	Upper
82	100		
128	44.4	40.6	61.0
54	63.4	38.1	57.1#

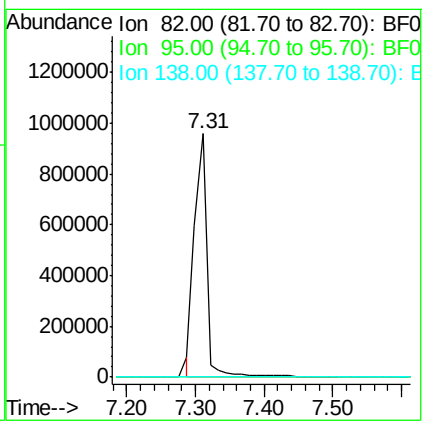


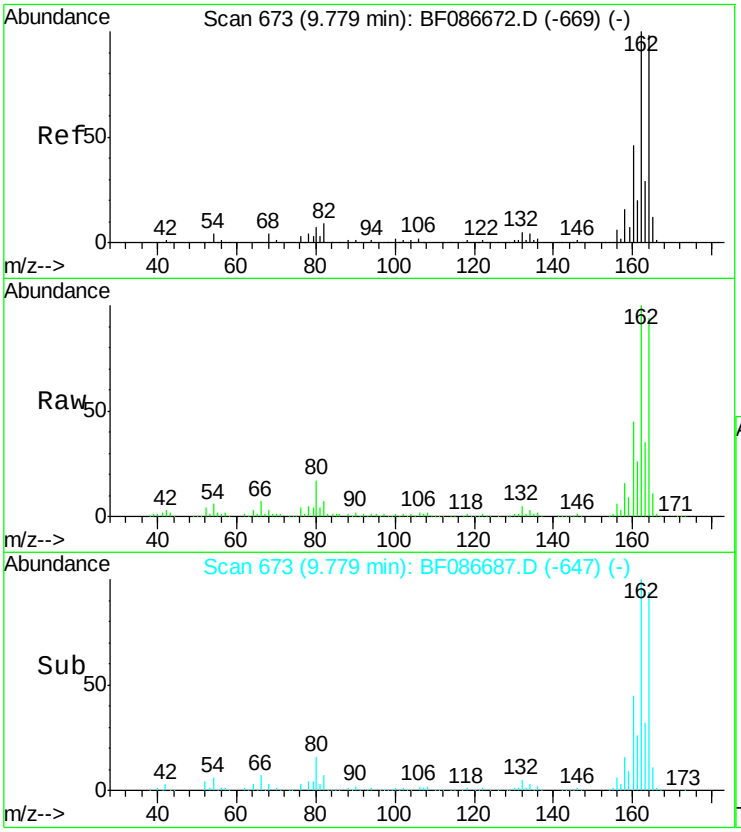


#25
Isophorone
Concen: 52.67 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.26 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion: 82 Resp: 1144487

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



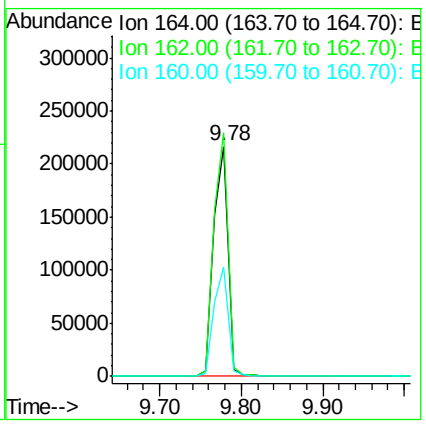


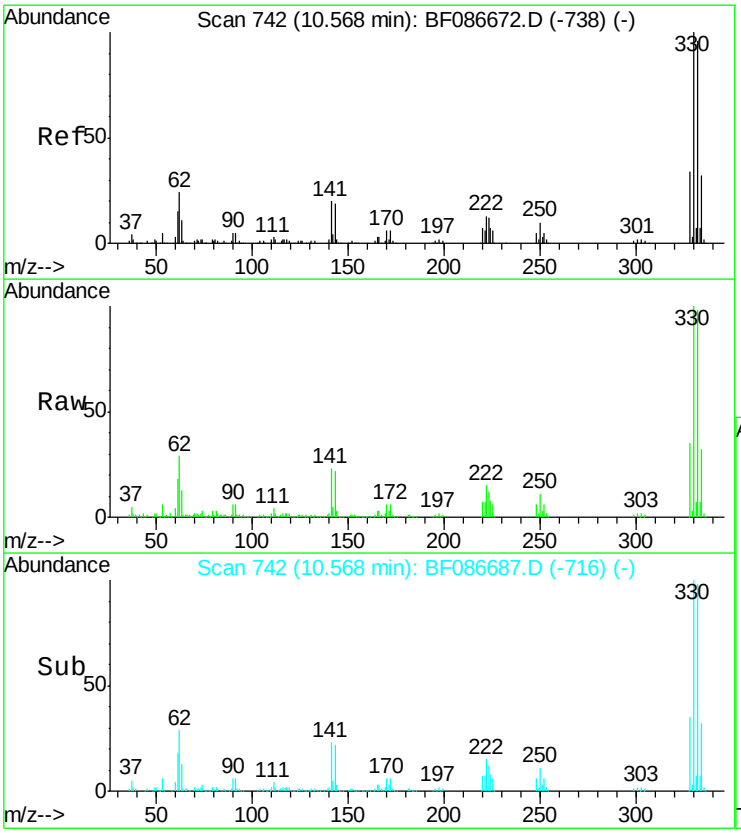
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:164 Resp: 267185

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.8	124.2
160	47.4	36.9	55.3

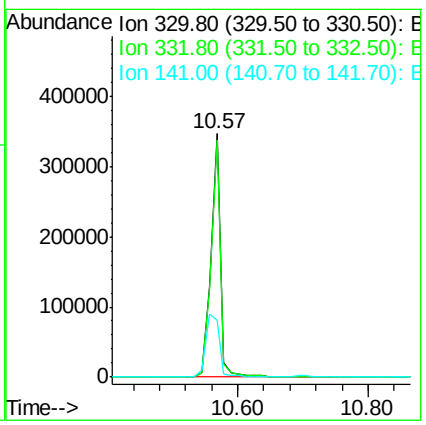


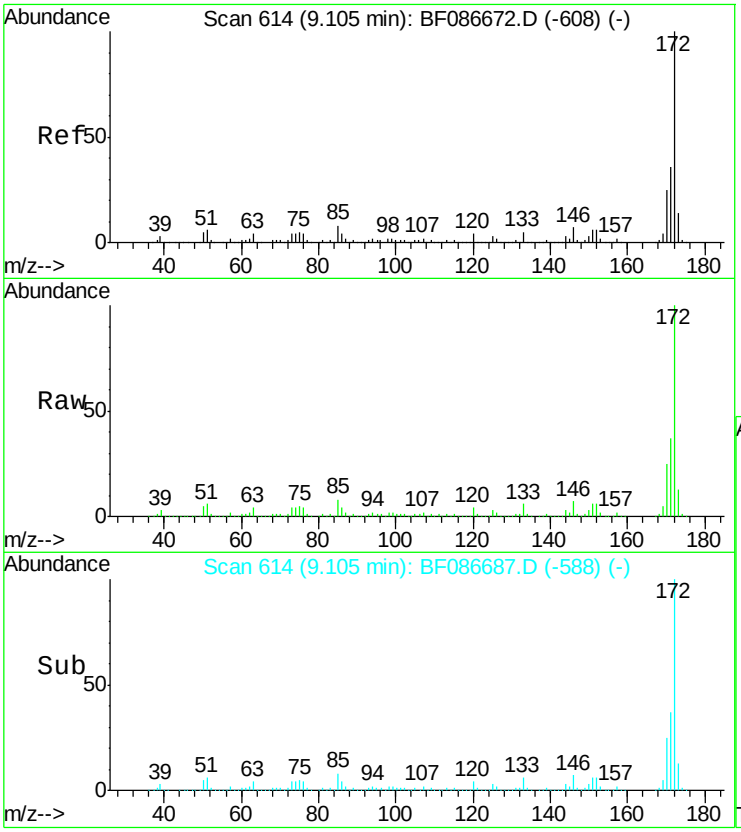


#41
2,4,6-Tribromophenol
Concen: 138.38 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:330 Resp: 361691

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	36.1	31.2	46.8



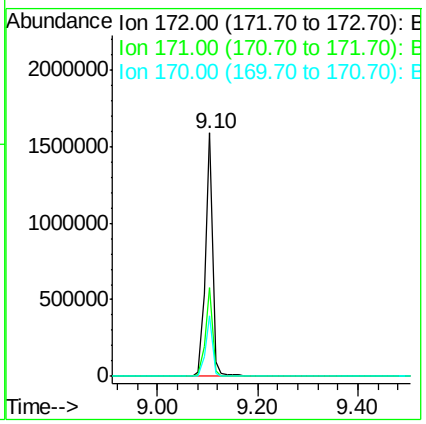


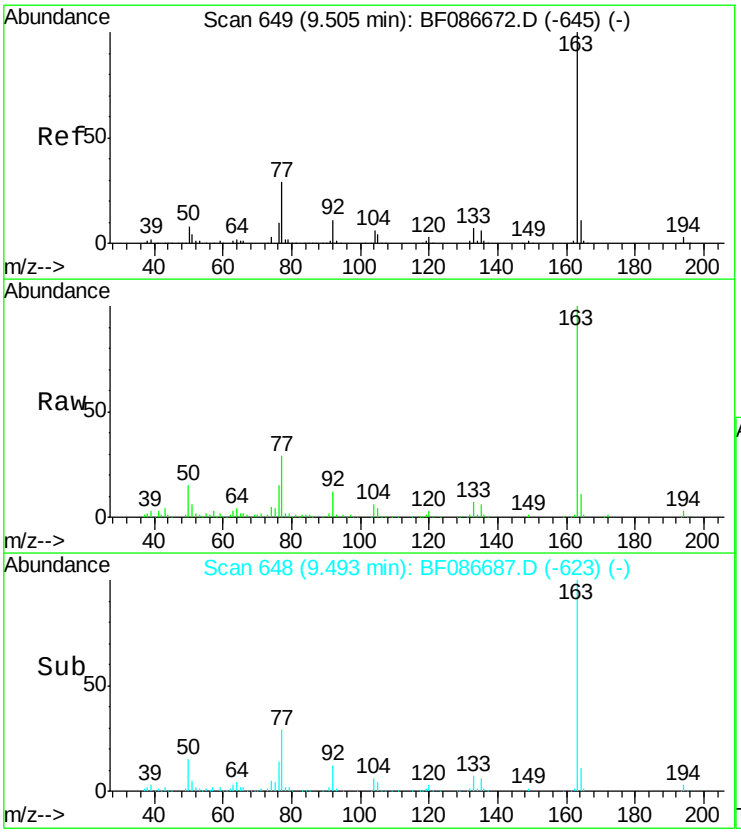
#44
2-Fluorobiphenyl
Concen: 98.79 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:172 Resp: 1610147

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	25.1	19.8	29.8

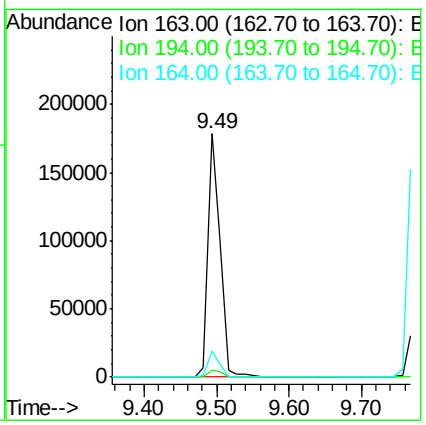


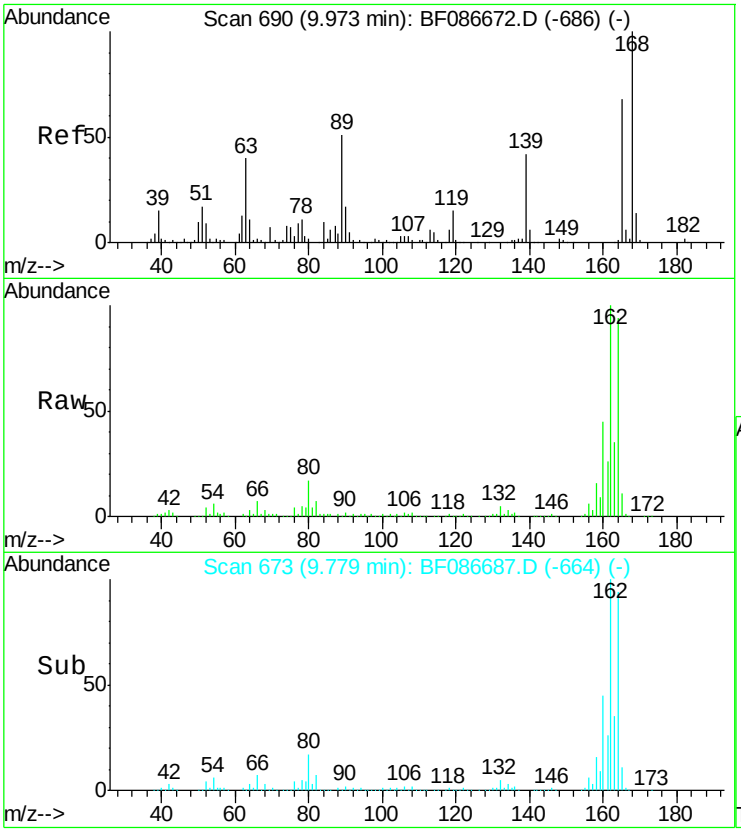


#49
Dimethylphthalate
Concen: 10.44 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:163 Resp: 207950

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.7	8.2	12.4



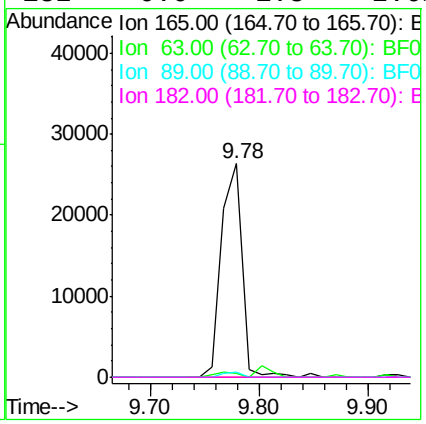


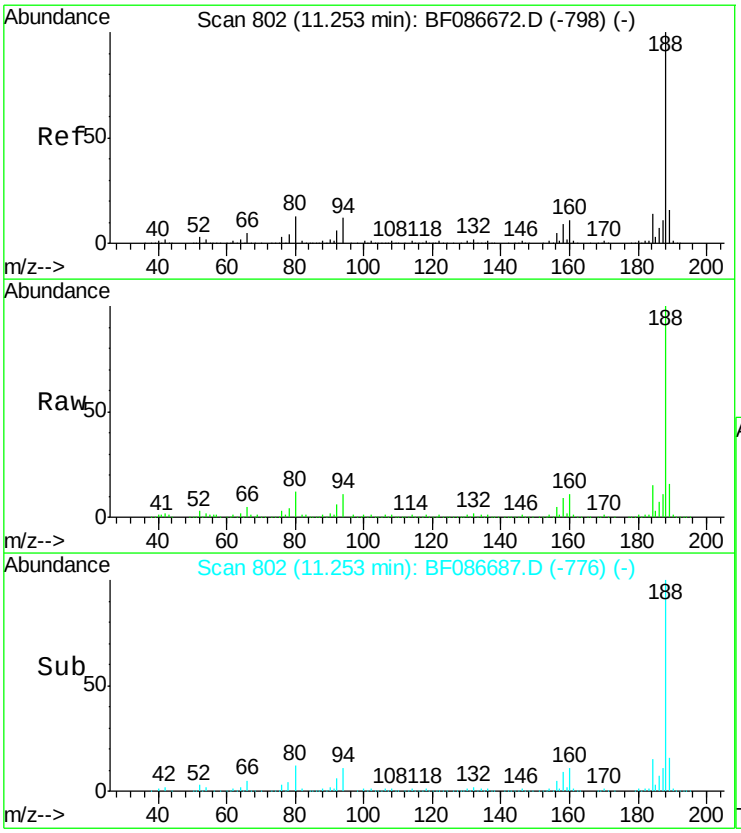
#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.19 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:165 Resp: 35084

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.5	70.0	105.0#
182	0.0	1.8	2.6#

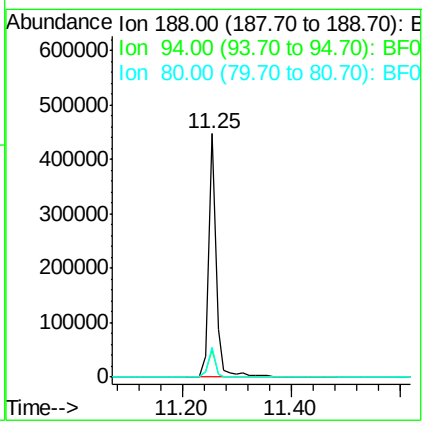


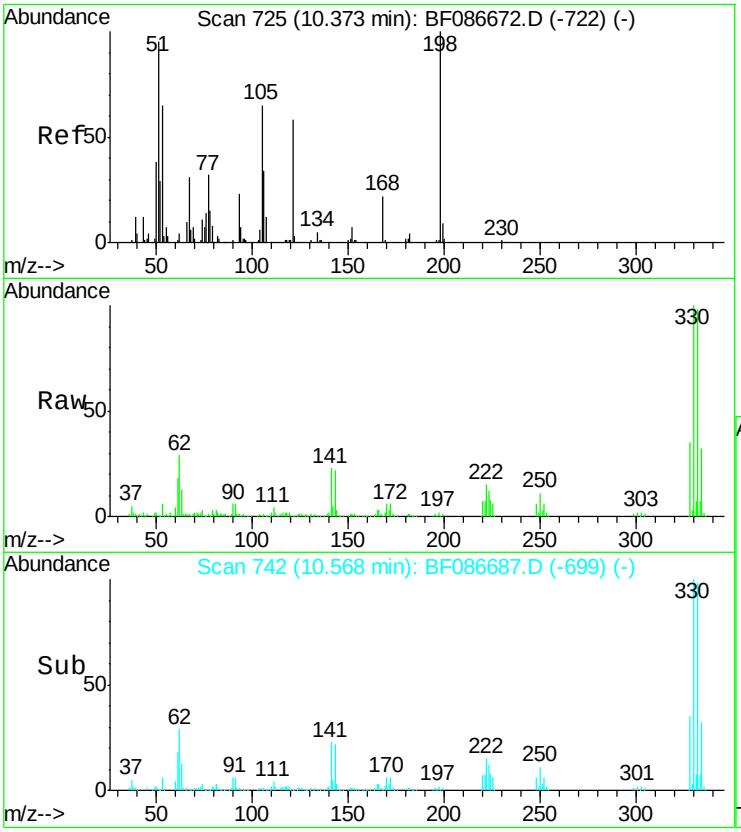


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:188 Resp: 431075

Ion	Ratio	Lower	Upper
188	100		
94	11.2	6.8	10.2#
80	12.4	7.1	10.7#



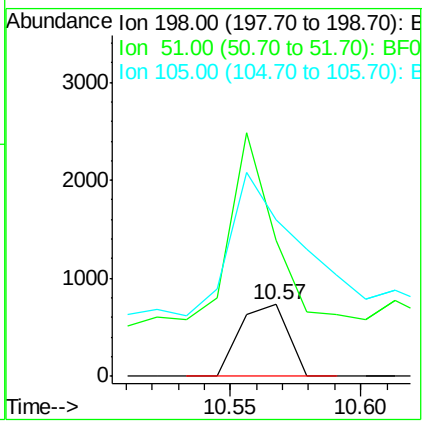


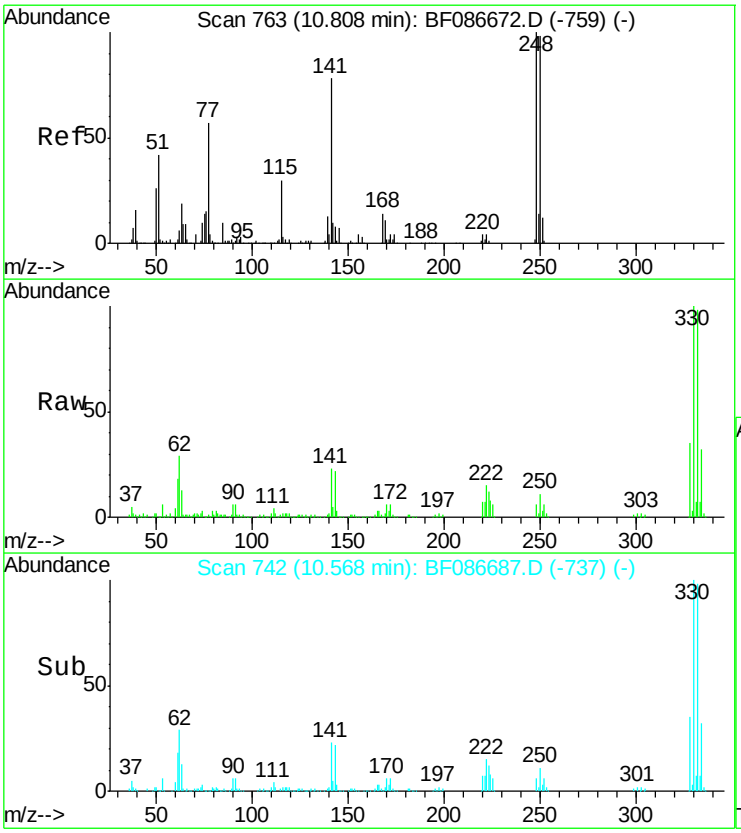
#64
4,6-Dinitro-2-methylphenol
Concen: 5.70 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.19 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:198 Resp: 933

Ion	Ratio	Lower	Upper
198	100		
51	189.3	20.5	60.5#
105	218.3	24.5	64.5#

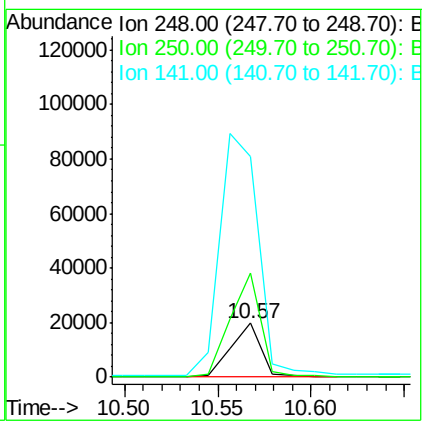


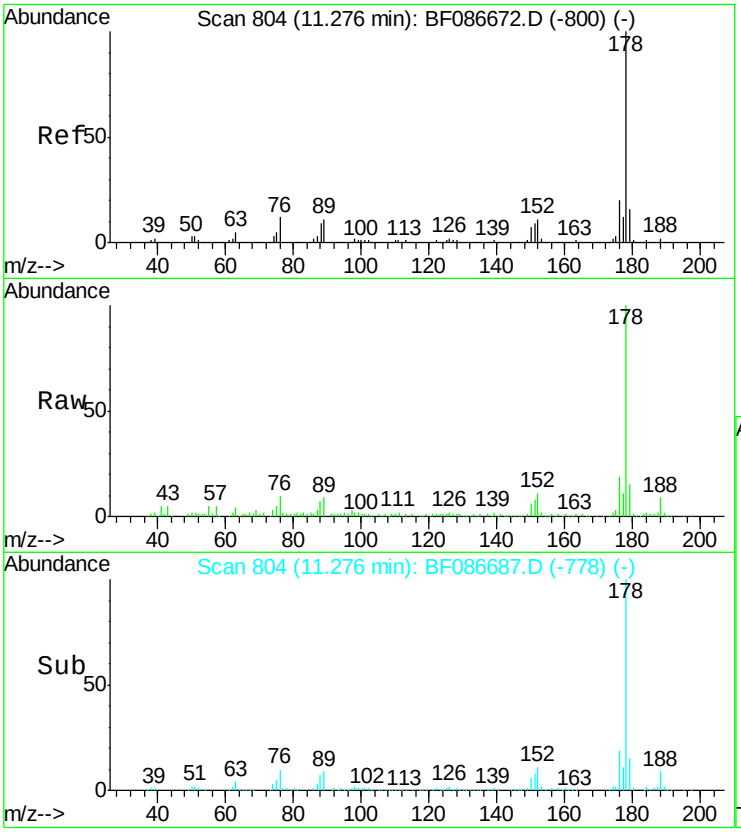


#66
4-Bromophenyl-phenylether
Concen: 5.23 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:248 Resp: 22390

Ion	Ratio	Lower	Upper
248	100		
250	193.1	78.6	117.8#
141	409.2	76.0	114.0#



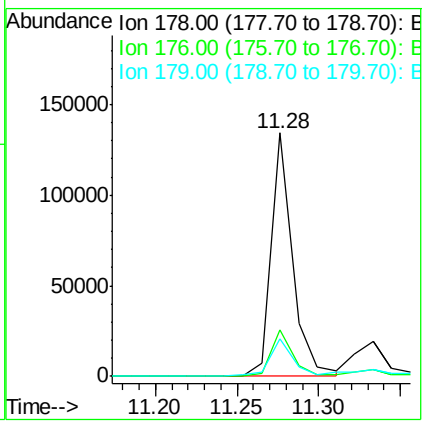


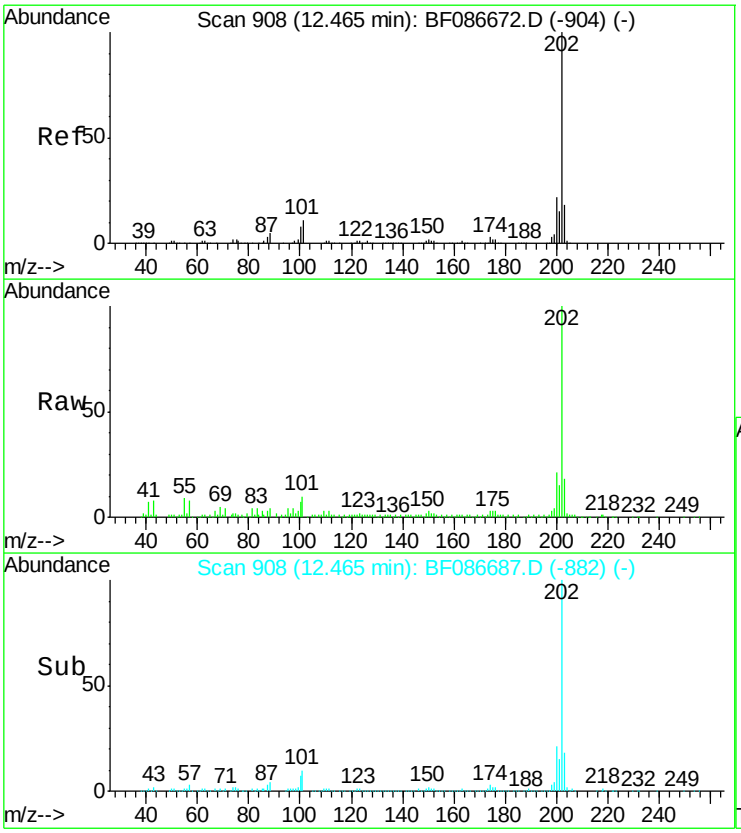
#70
Phenanthrene
Concen: 5.35 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:178 Resp: 123864

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.4	12.6	18.8

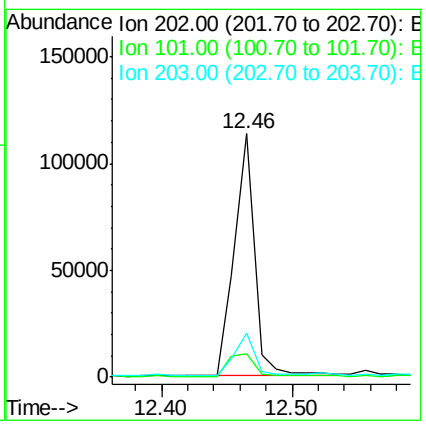


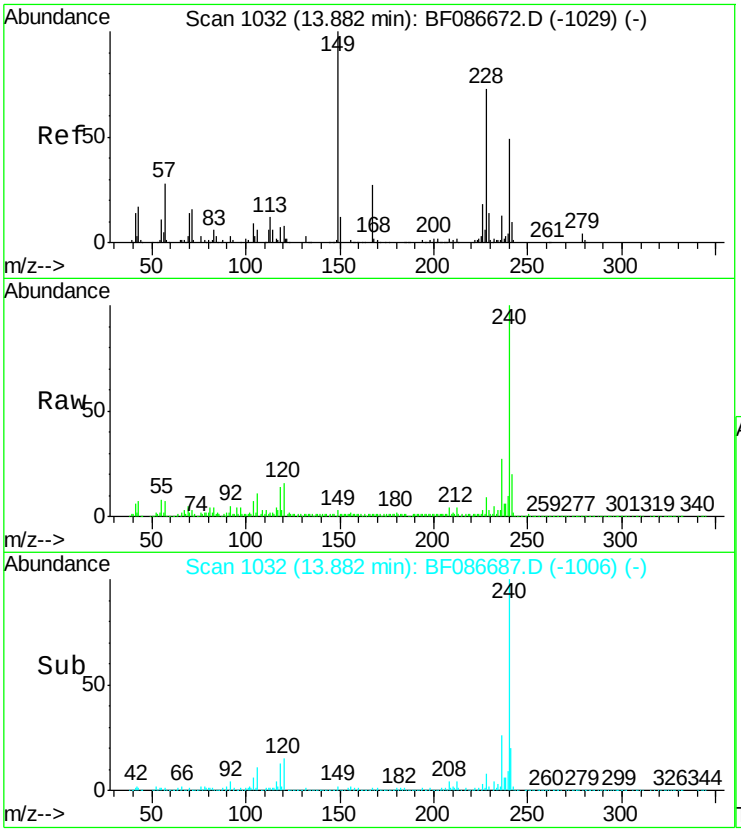


#74
Fluoranthene
Concen: 5.28 ng
RT: 12.46 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:202 Resp: 122502

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	35.4
203	18.1	0.0	38.1



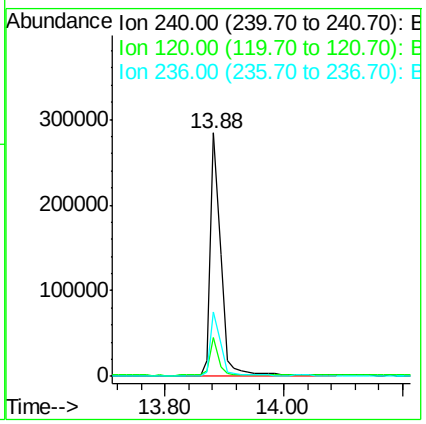


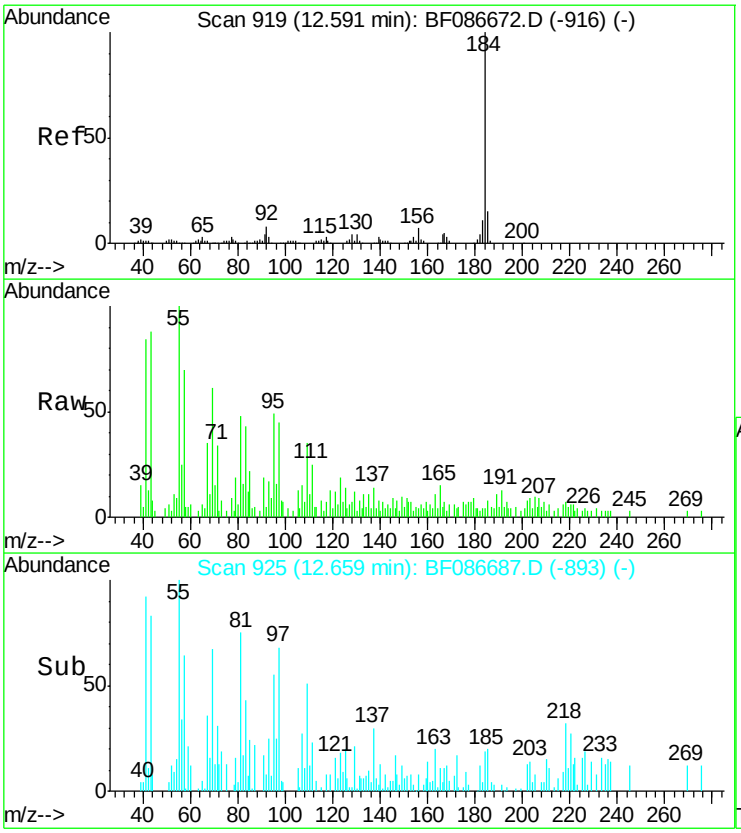
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:240 Resp: 346300

Ion	Ratio	Lower	Upper
240	100		
120	15.9	11.2	16.8
236	26.6	21.2	31.8

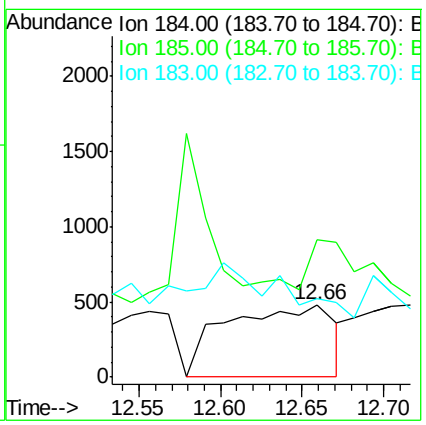


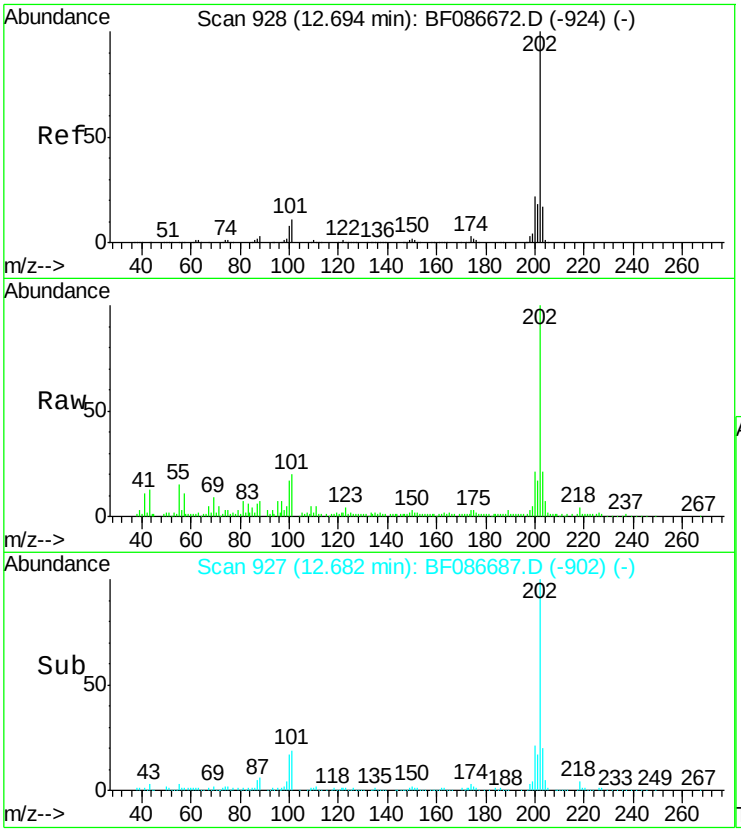


#76
Benzidine
Concen: 7.29 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.07 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:184 Resp: 2189

Ion	Ratio	Lower	Upper
184	100		
185	188.8	13.6	20.4#
183	107.7	9.8	14.6#



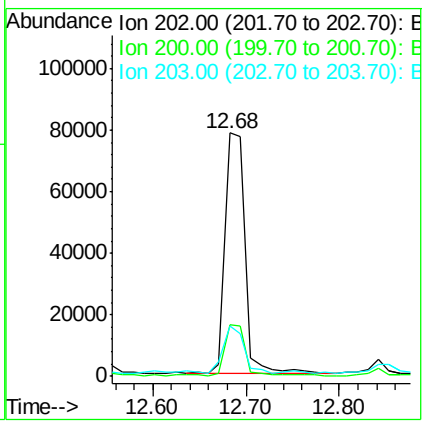


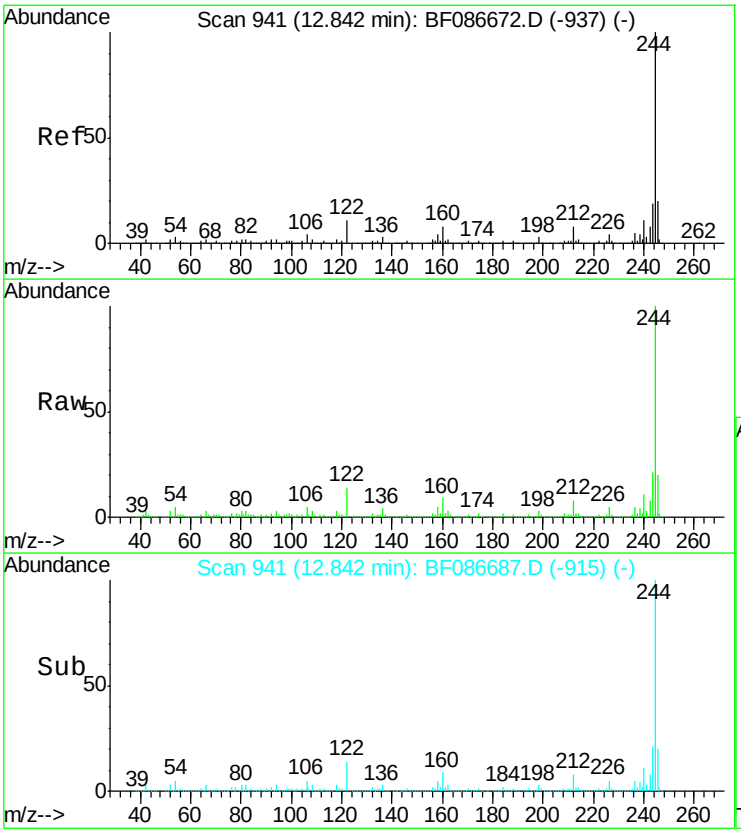
#77
Pyrene
Concen: 4.21 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:202 Resp: 116141

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	20.9	14.2	21.4

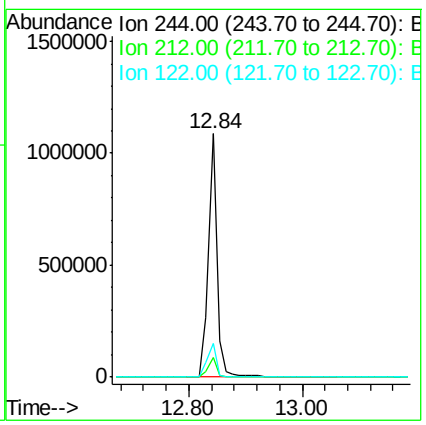


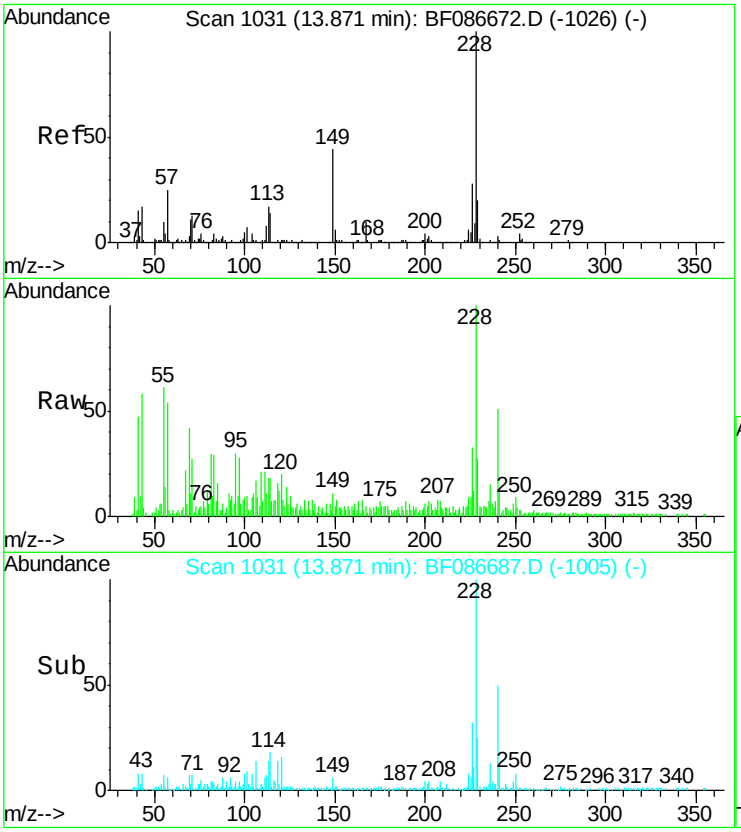


#78
Terphenyl-d14
Concen: 64.51 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:244 Resp: 1105397

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	13.7	12.0	18.0



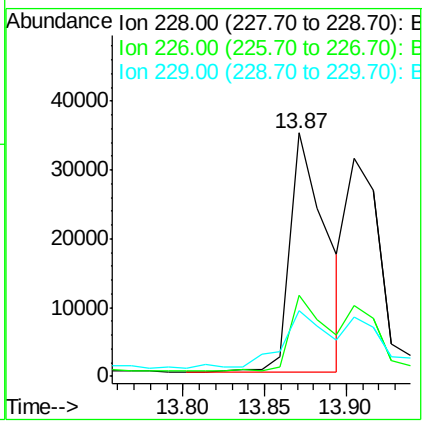


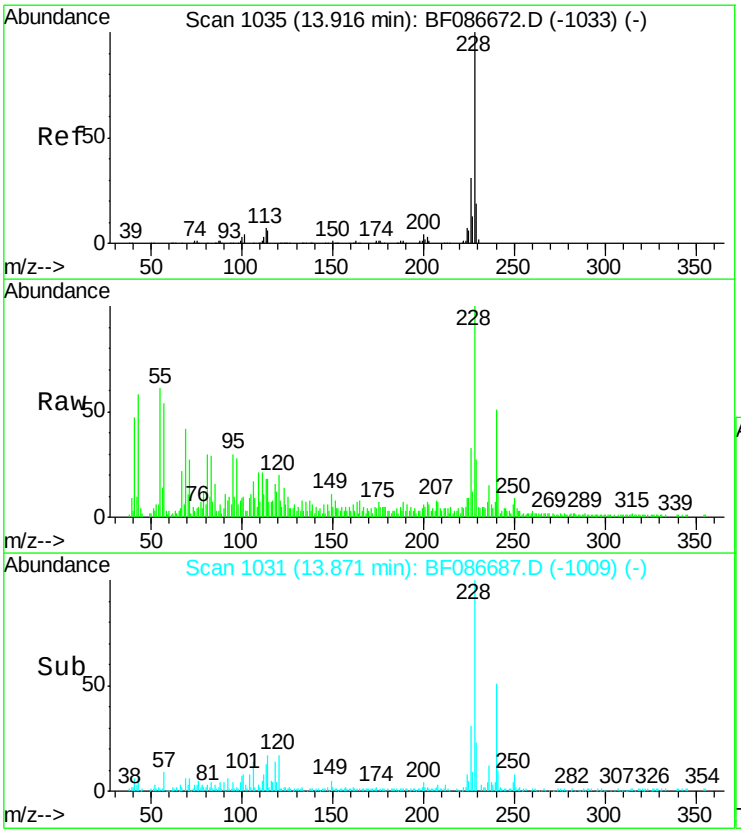
#80
Benzo(a)anthracene
Concen: 2.75 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:228 Resp: 53927

Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.5	33.7
229	27.0	16.6	25.0#

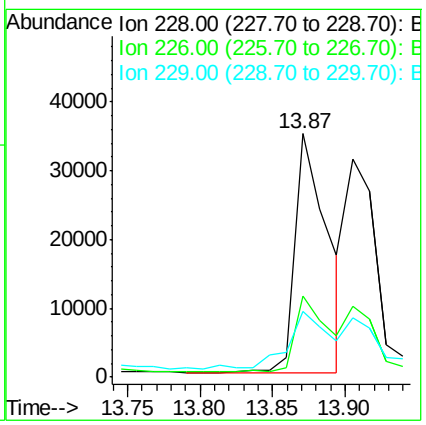


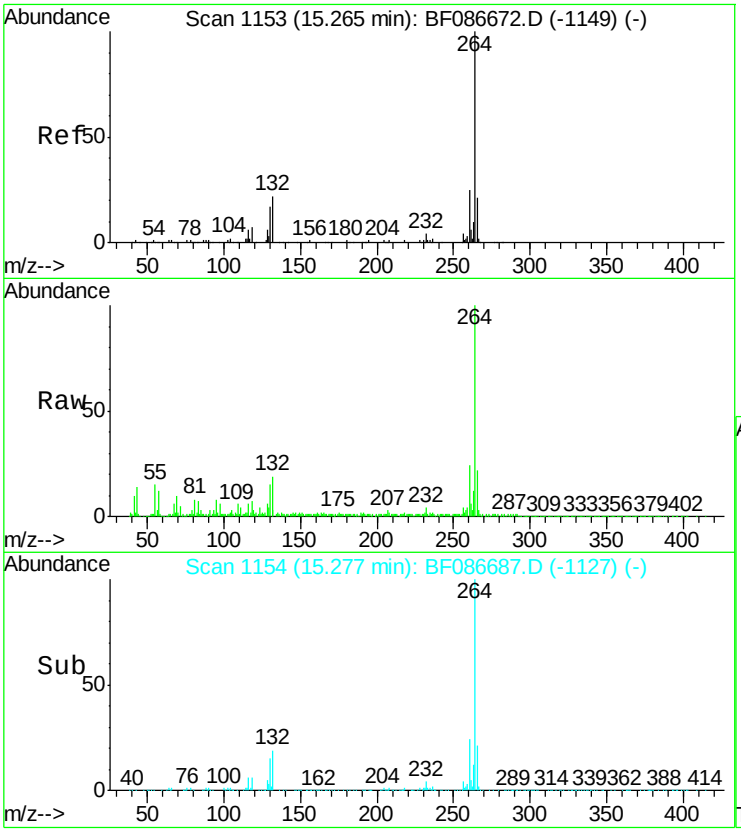


#82
Chrysene
Concen: 2.60 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:228 Resp: 54262

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.4	36.6
229	27.0	15.8	23.8#



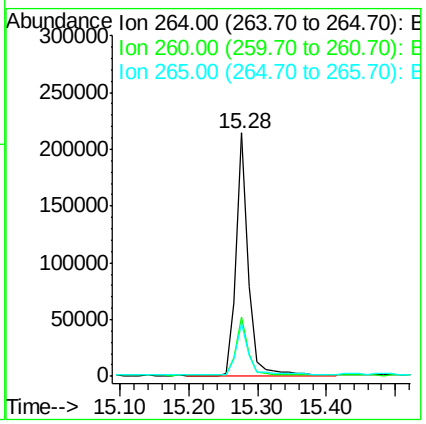


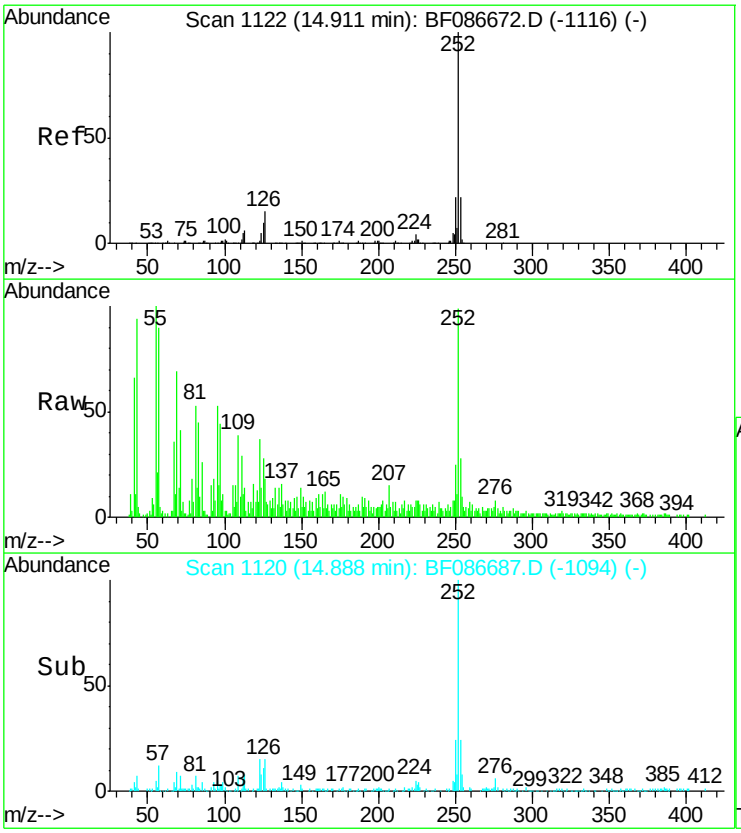
#86
Perylene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:264 Resp: 270100

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.7	17.3	25.9

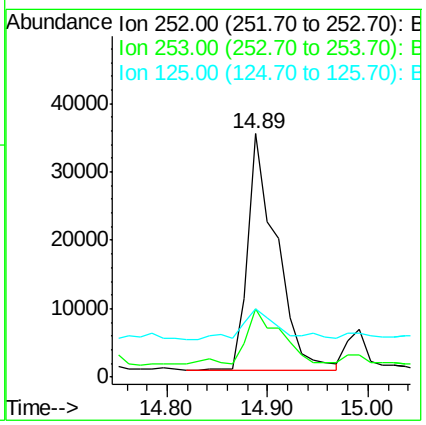


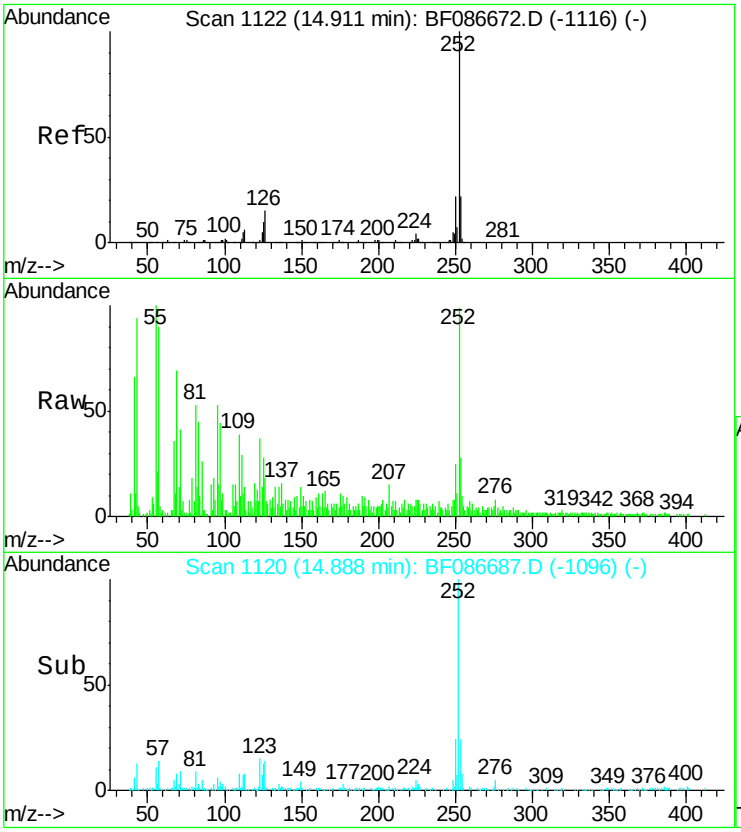


#87
Benzo(b)fluoranthene
Concen: 4.23 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:252 Resp: 68606

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.6#
125	27.9	11.4	17.0#



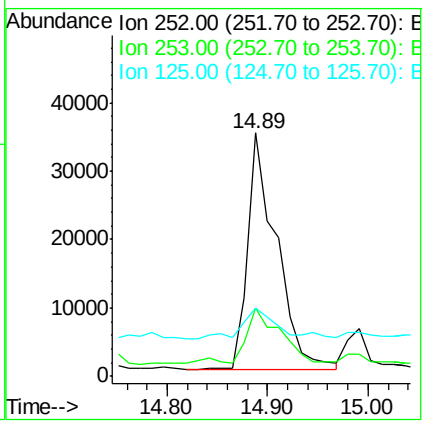


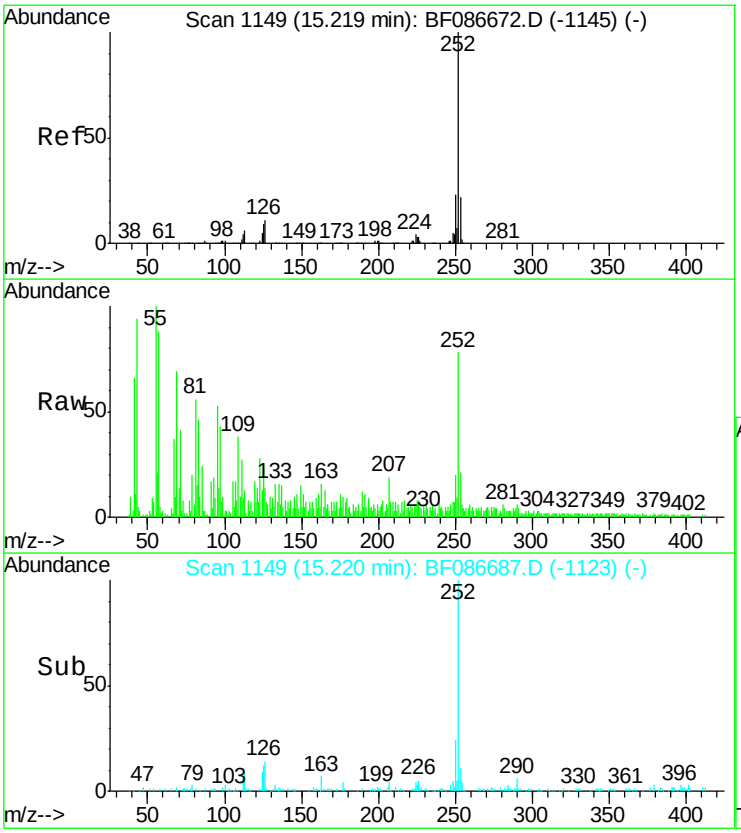
#88
Benzo(k)fluoranthene
Concen: 4.49 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:252 Resp: 68606

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.6#
125	27.9	9.1	13.7#





#89
Benzo(a)pyrene
Concen: 2.13 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086687.D
Acq: 4 May 2016 20:11

Tgt Ion:252 Resp: 31909

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.2	25.8#
125	31.1	9.0	13.6#