Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084476.D
Acq On : 14 Jan 2016 8:16
Operator : SJ/UM
Sample : H1058-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONTAMINATED-DRUM(1-2)COMP

Quant Time: Jan 14 11:19:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	217393	20.00	ng		-0.07
21) Naphthalene-d8	8.12	136	783029	20.00	ng		-0.07
38) Acenaphthene-d10	9.87	164	289832	20.00	ng		-0.08
63) Phenanthrene-d10	11.36	188	448166	20.00	ng		-0.07
75) Chrysene-d12	14.03	240	185163	20.00	ng		-0.03
86) Perylene-d12	15.52	264	172807	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	188517	14.03	ng		-0.06
7) Phenol-d6	6.48	99	1153952	68.36	ng		-0.06
23) Nitrobenzene-d5	7.40	82	1337556	95.07	ng		-0.07
41) 2,4,6-Tribromophenol	10.66	330	18794	6.42	ng		-0.08
44) 2-Fluorobiphenyl	9.20	172	1521172	92.92	ng		-0.07
78) Terphenyl-d14	12.96	244	837791	101.00	ng		-0.06
Target Compounds							Qvalue
3) Pyridine	3.20	79	57345	3.23	ng	#	84
10) Phenol	6.49	94	58209	3.03	ng		80
32) Benzoic acid	7.92	122	3417	6.60	ng	#	45
35) Caprolactam	8.54	113	11118	3.01	ng	#	1
37) 2-Methylnaphthalene	8.83	142	54984	2.16	ng		95
49) Dimethylphthalate	9.60	163	349220	16.85	ng	#	91
53) 2,4-Dinitrophenol	10.16	184	3897	5.48	ng		95
54) Dibenzofuran	10.08	168	13922	Below Cal		#	13
57) Fluorene	10.42	166	20048	Below Cal		#	77
60) 4-Chlorophenyl-phenylether	10.43	204	4354	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.49	198	751	6.63	ng	#	1
65) n-Nitrosodiphenylamine	10.53	169	44084	3.08	ng	#	65
70) Phenanthrene	11.38	178	121137	5.17	ng	#	84
73) Di-n-butylphthalate	11.93	149	415809	13.17	ng	#	96
74) Fluoranthene	12.58	202	103120	4.21	ng		81
77) Pyrene	12.81	202	120149	8.27	ng	#	85
79) Butylbenzylphthalate	13.39	149	28474	4.53	ng	#	57
80) Benzo(a)anthracene	14.02	228	29499	2.71	ng	#	25
81) 3,3'-Dichlorobenzidine	14.04	252	17709	4.67	ng	#	1
82) Chrysene	14.02	228	29499	2.82	ng	#	32
83) Bis(2-ethylhexyl)phthalate	14.03	149	242812	30.57	ng	#	73
87) Benzo(b)fluoranthene	15.11	252	41034	3.63	ng	#	1
88) Benzo(k)fluoranthene	15.11	252	41034	4.44	ng	#	1
89) Benzo(a)pyrene	15.46	252	19498	2.03	ng	#	1
91) Benzo(g,h,i)perylene	17.39	276	28492	3.33	ng	#	1

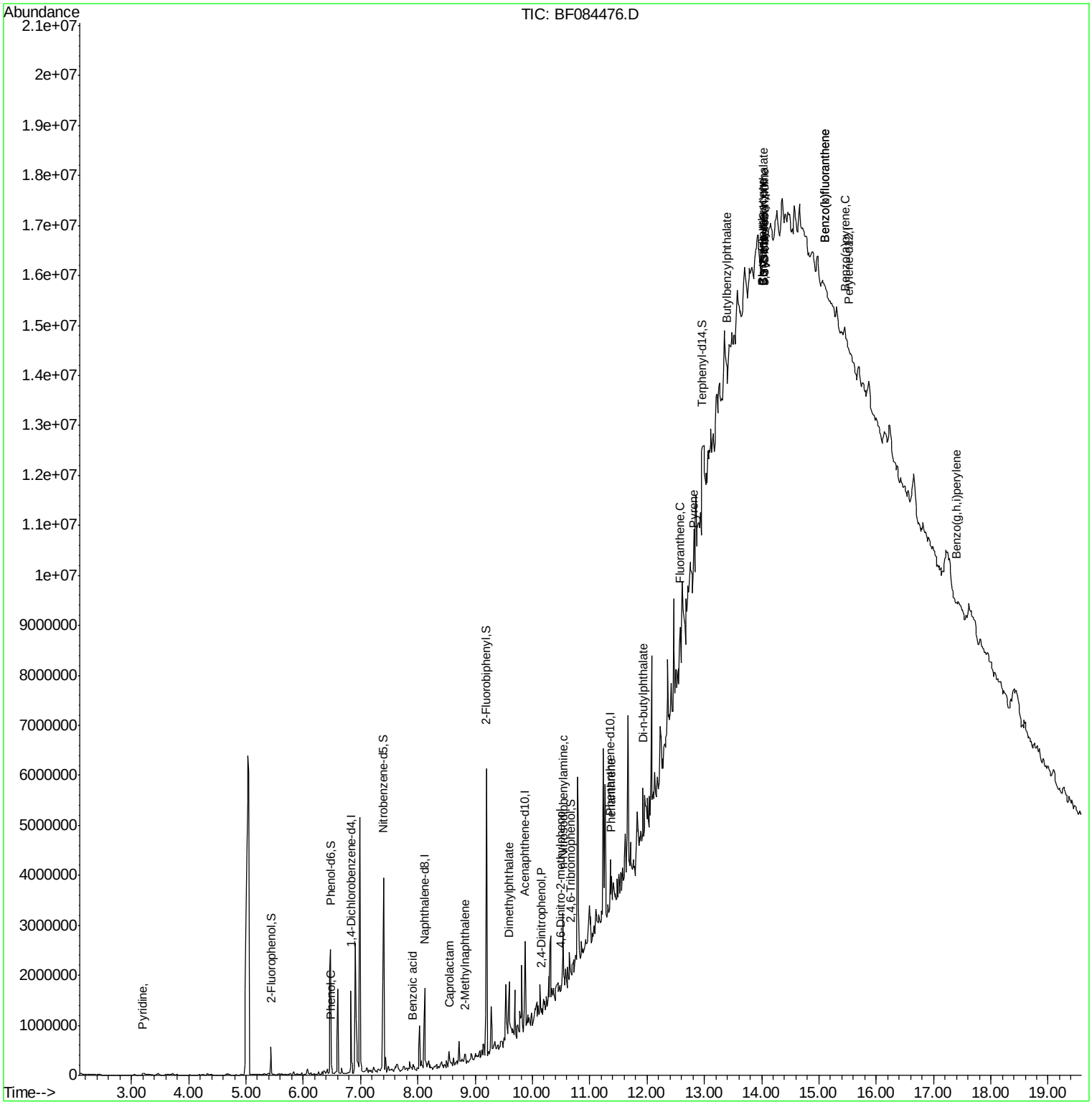
(#) = qualifier out of range (m) = manual integration (+) = signals summed

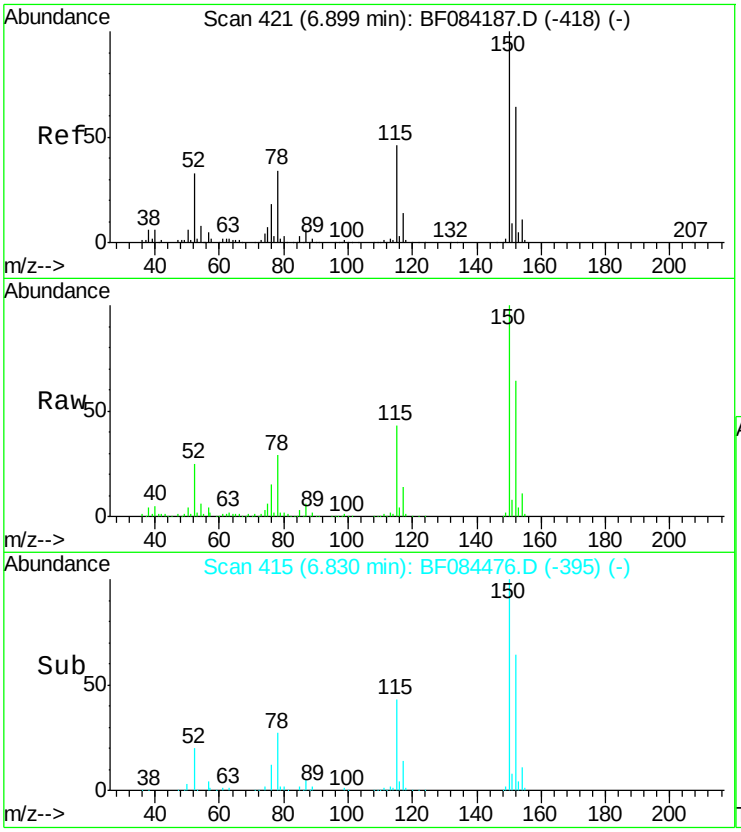
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084476.D
Acq On : 14 Jan 2016 8:16
Operator : SJ/UM
Sample : H1058-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Quant Time: Jan 14 11:19:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



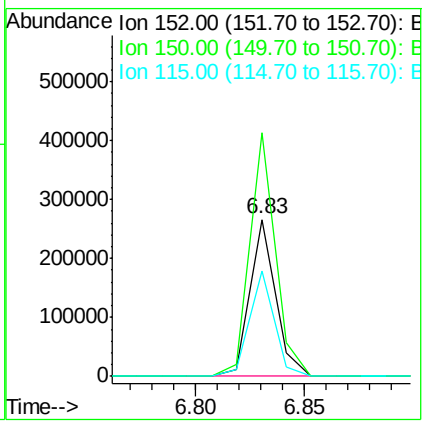


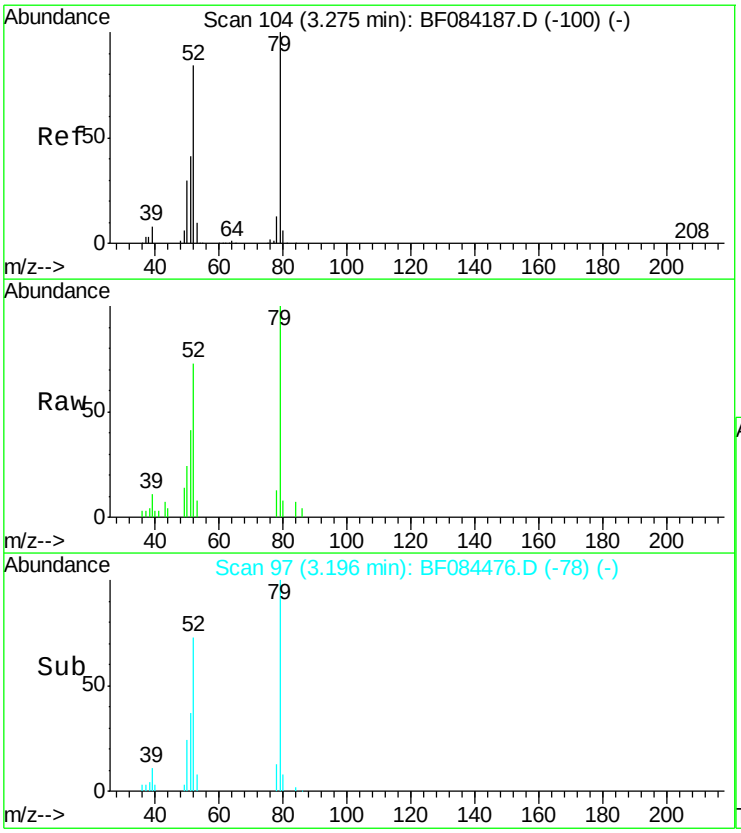
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:152 Resp: 217393

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.0	184.4
115	67.6	51.4	77.2

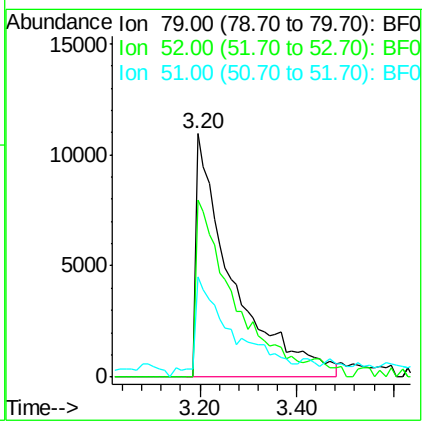


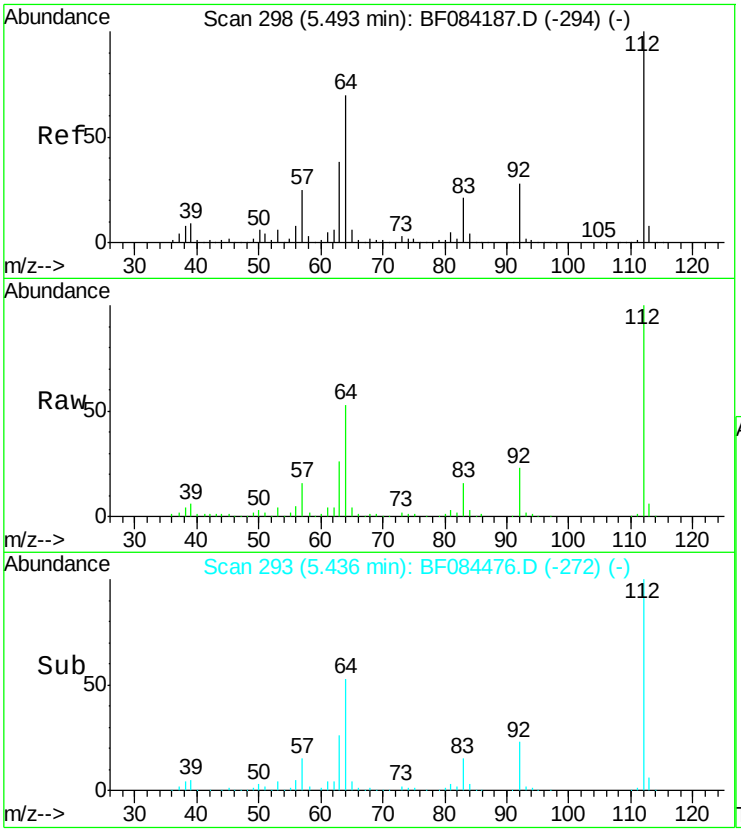


#3
Pyridine
Concen: 3.23 ng
RT: 3.20 min Scan# 97
Delta R.T. -0.08 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion: 79 Resp: 57345

Ion	Ratio	Lower	Upper
79	100		
52	72.8	49.0	73.4
51	41.1	25.2	37.8#



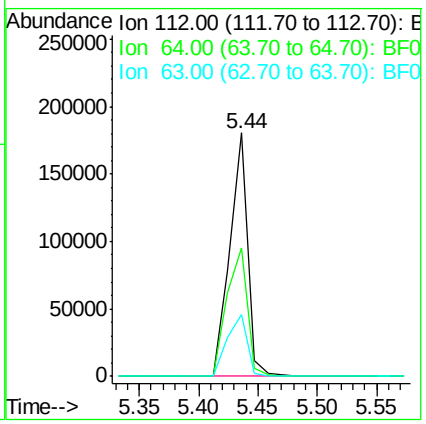


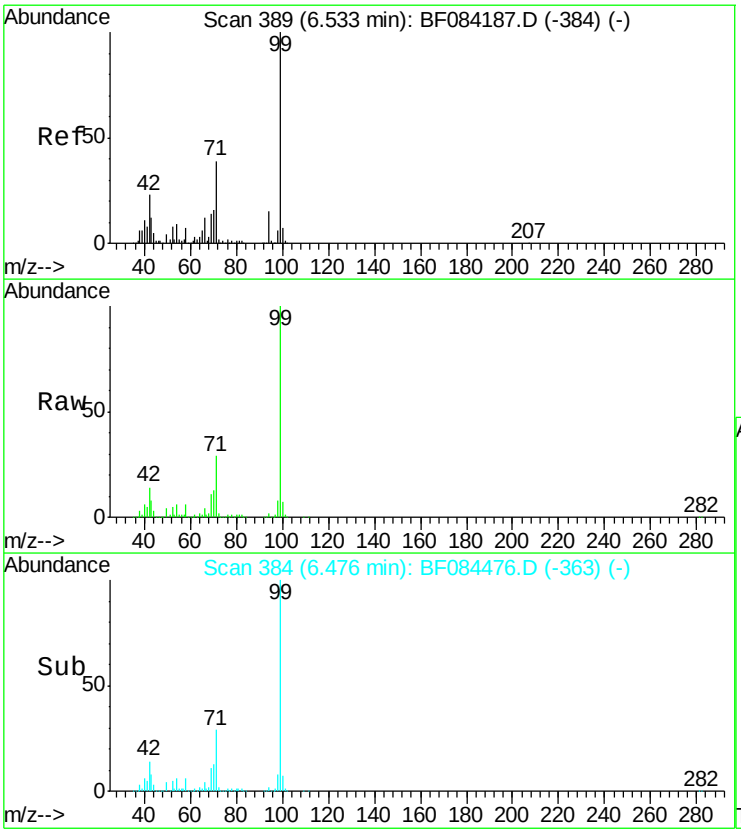
#5
2-Fluorophenol
Concen: 14.03 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.06 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:112 Resp: 188517

Ion	Ratio	Lower	Upper
112	100		
64	52.9	36.6	55.0
63	25.5	19.4	29.0

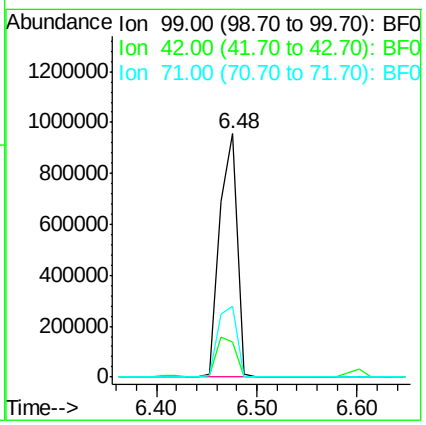


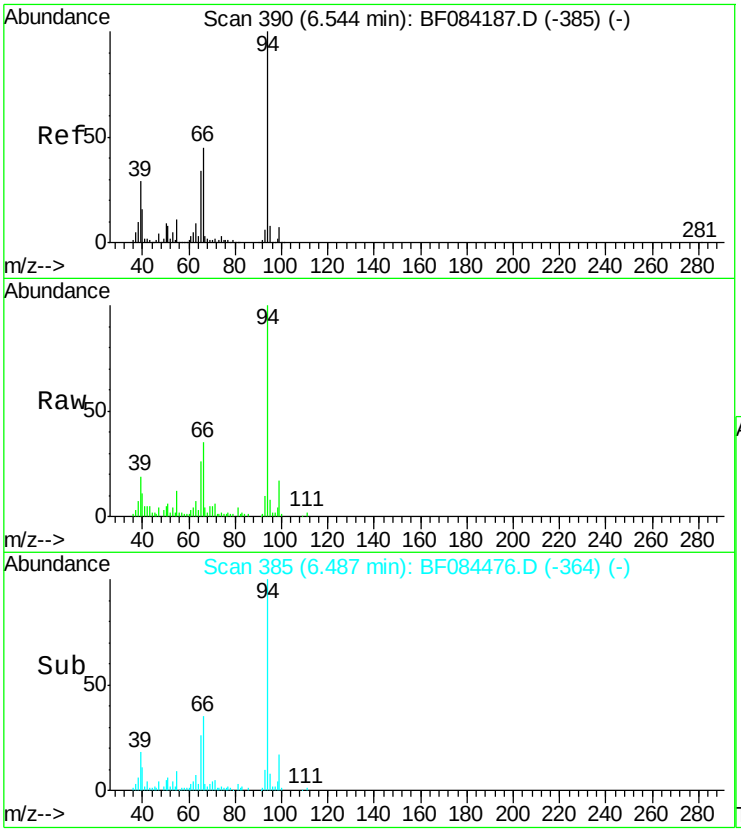


#7
Phenol-d6
Concen: 68.36 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.06 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion: 99 Resp: 1153952

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.8	19.2
71	29.1	30.9	46.3#



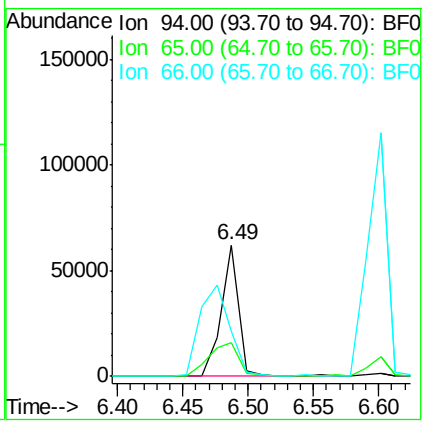


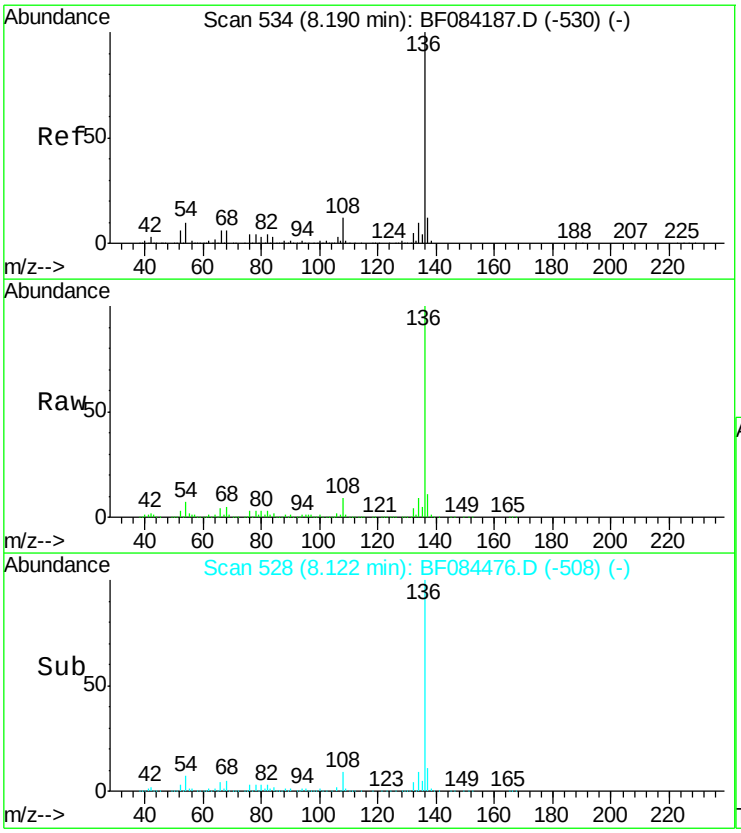
#10
Phenol
Concen: 3.03 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.06 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion: 94 Resp: 58209

Ion	Ratio	Lower	Upper
94	100		
65	26.1	12.9	52.9
66	34.7	32.7	72.7

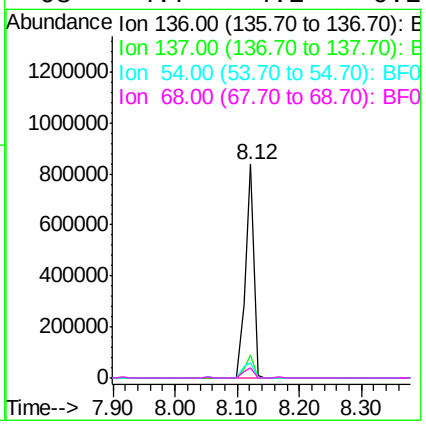


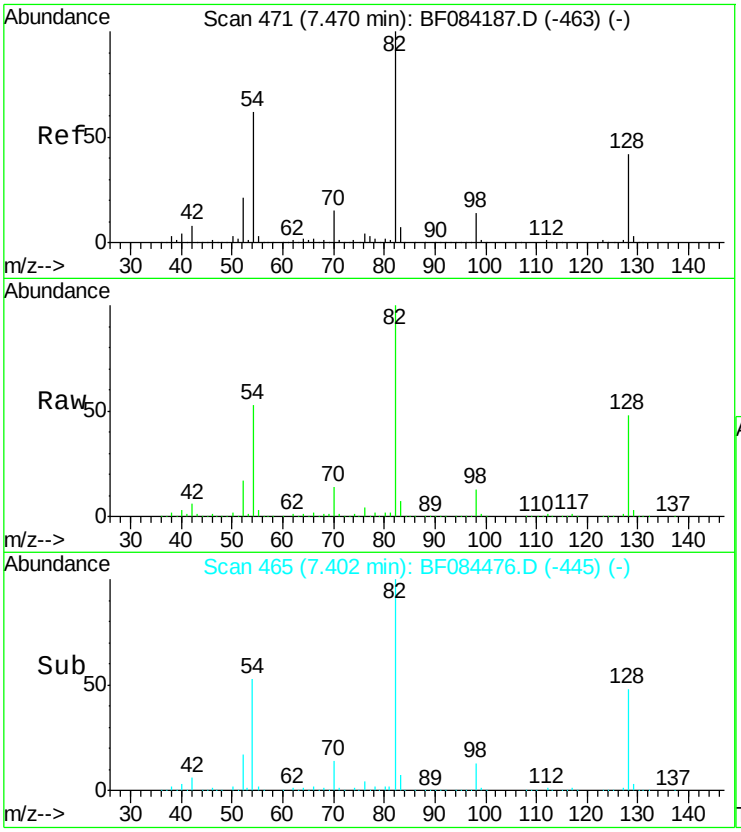


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:136 Resp: 783029

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.8	8.8
68	4.7	4.2	6.2



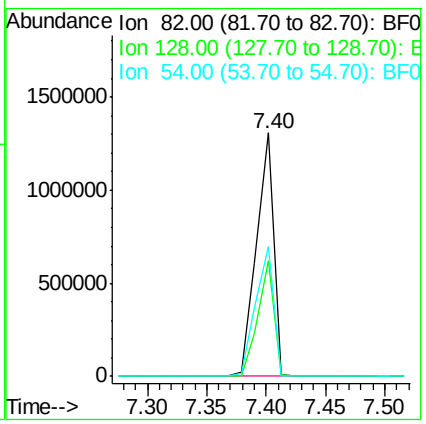


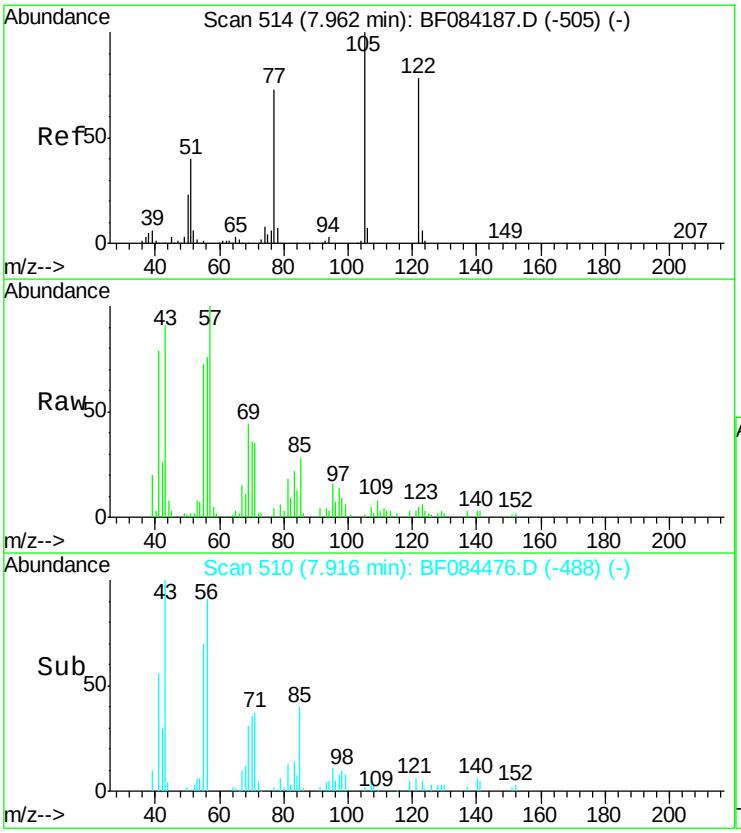
#23
Nitrobenzene-d5
Concen: 95.07 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion: 82 Resp: 1337556

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.6	51.8
54	53.2	38.4	57.6

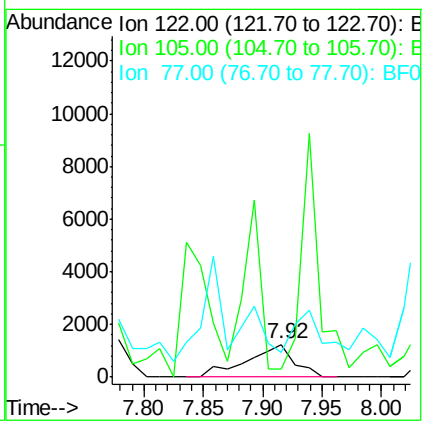


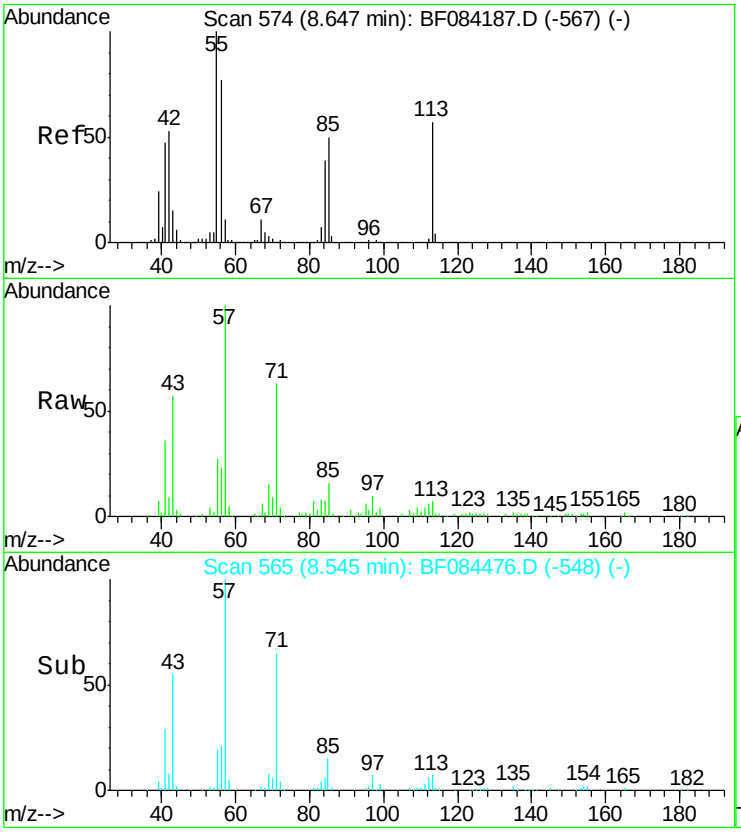


#32
Benzoic acid
Concen: 6.60 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:122 Resp: 3417

Ion	Ratio	Lower	Upper
122	100		
105	25.4	100.3	140.3#
77	73.3	63.5	103.5



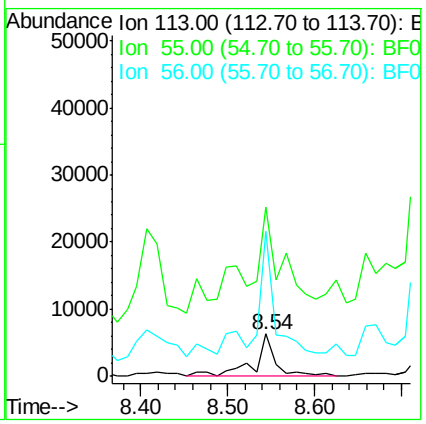


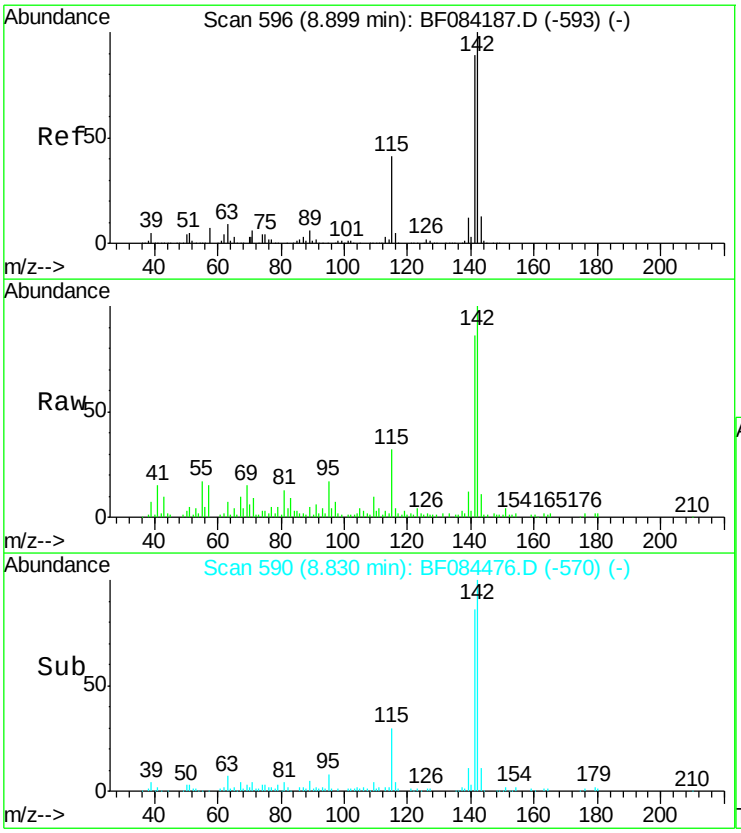
#35
Caprolactam
Concen: 3.01 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.10 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:113 Resp: 11118

Ion	Ratio	Lower	Upper
113	100		
55	401.7	116.9	156.9#
56	344.5	93.8	133.8#

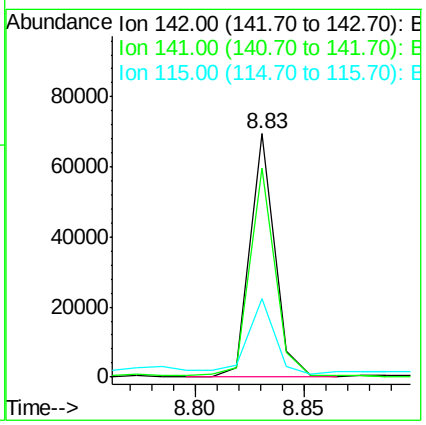


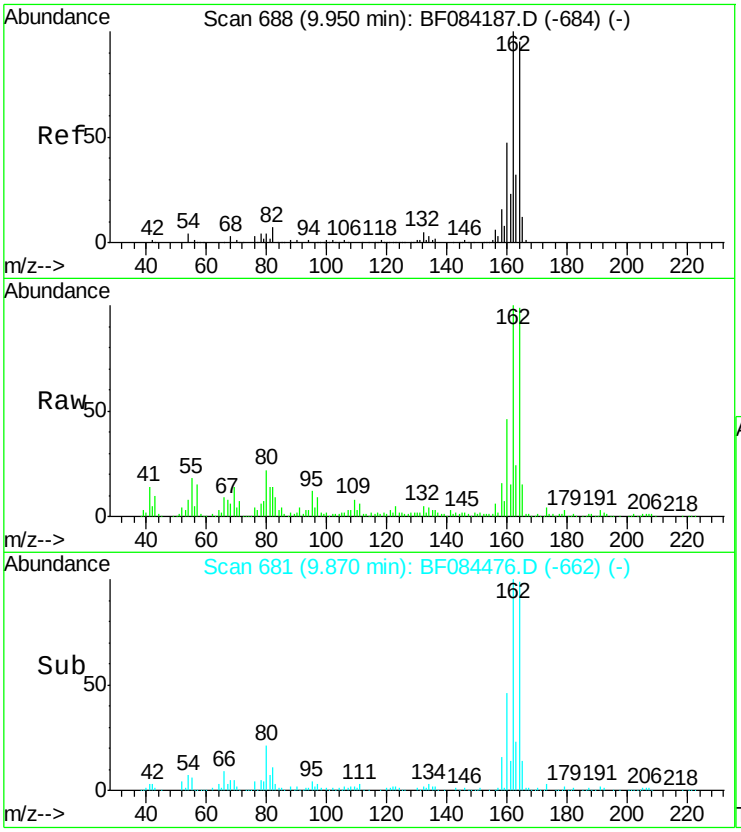


#37
2-Methylnaphthalene
Concen: 2.16 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:142 Resp: 54984

Ion	Ratio	Lower	Upper
142	100		
141	85.9	72.4	108.6
115	32.4	27.9	41.9



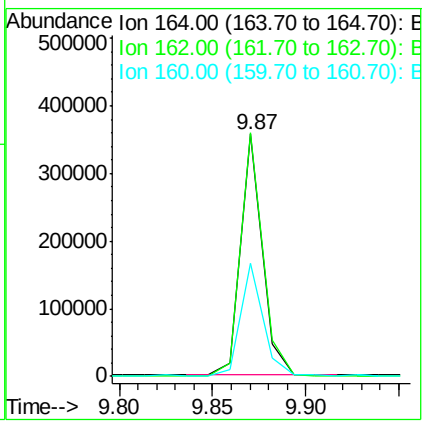


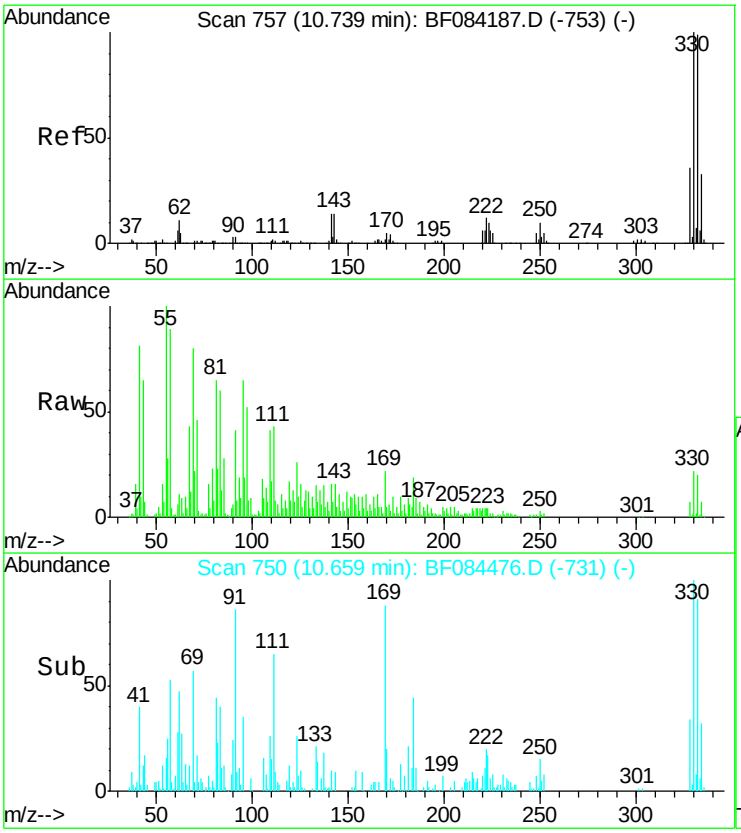
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:164 Resp: 289832

Ion	Ratio	Lower	Upper
164	100		
162	100.7	85.1	127.7
160	46.5	37.5	56.3

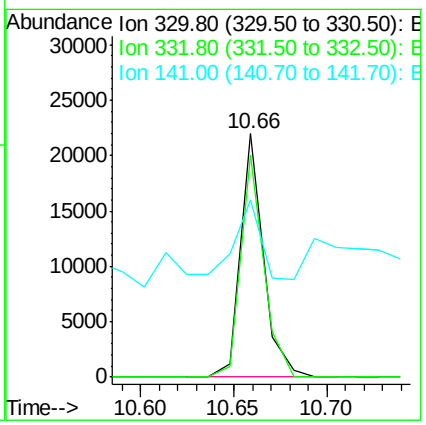


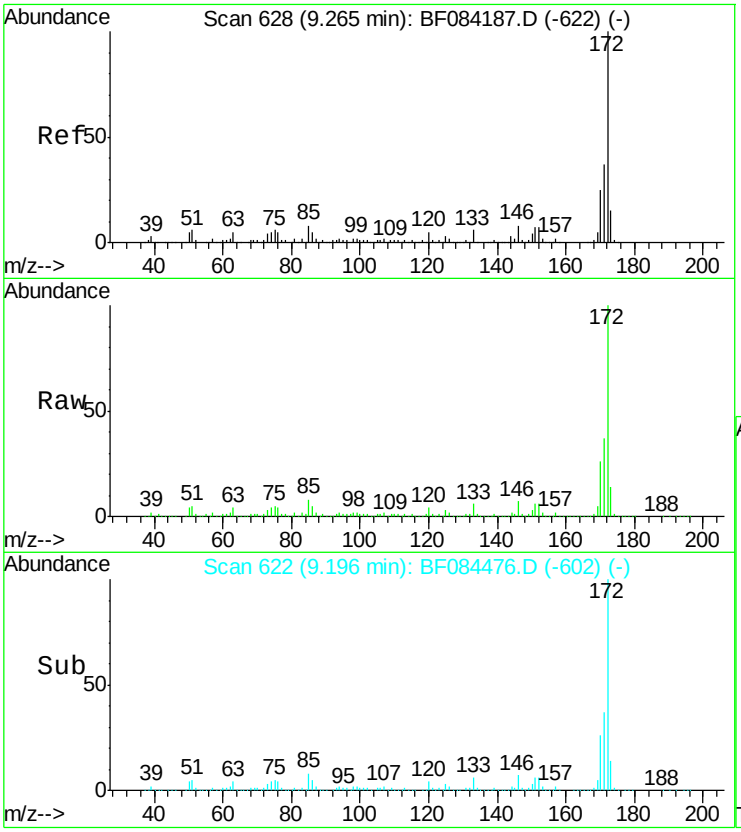


#41
2,4,6-Tribromophenol
Concen: 6.42 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.08 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:330 Resp: 18794

Ion	Ratio	Lower	Upper
330	100		
332	91.3	76.6	114.8
141	35.4	27.8	41.6



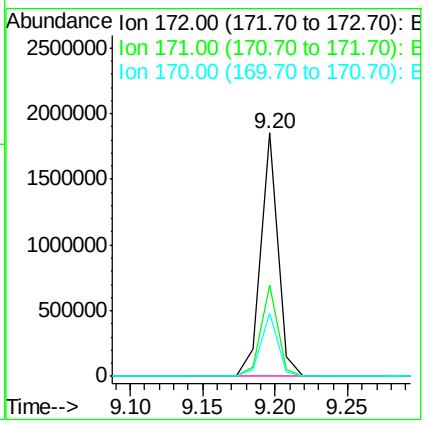


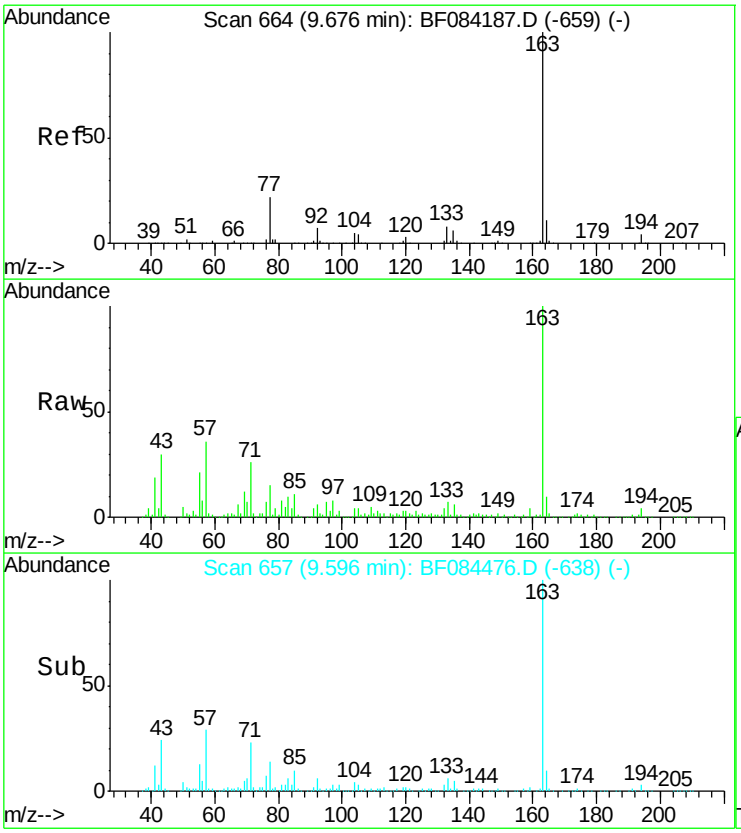
#44
2-Fluorobiphenyl
Concen: 92.92 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:172 Resp: 1521172

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.7	18.6	27.8

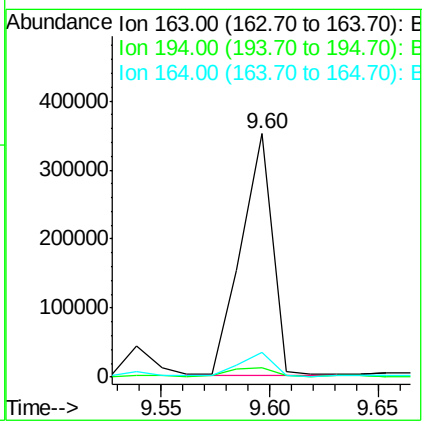


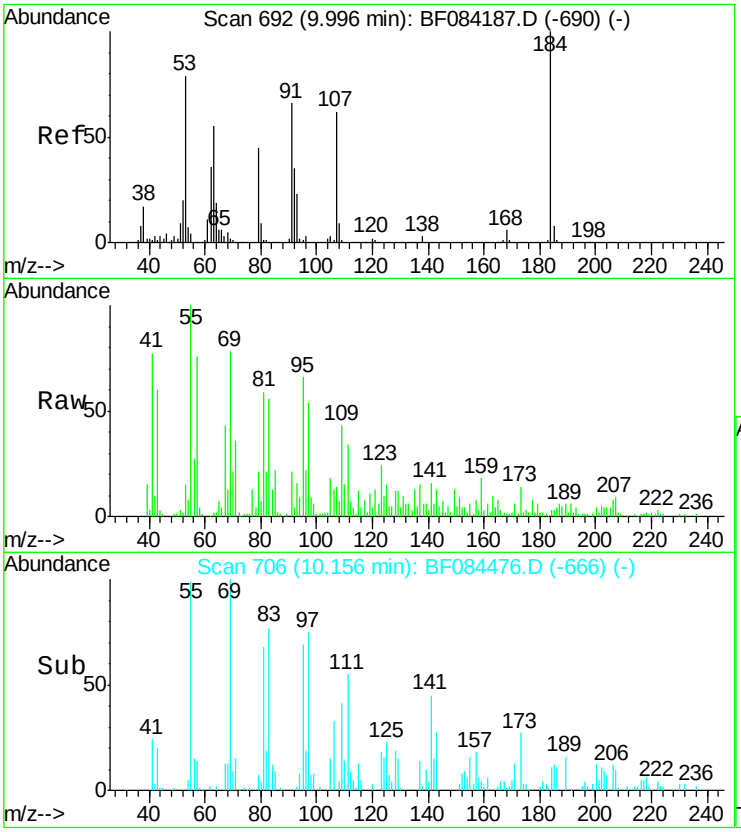


#49
Dimethylphthalate
Concen: 16.85 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.08 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:163 Resp: 349220

Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	10.1	8.0	12.0



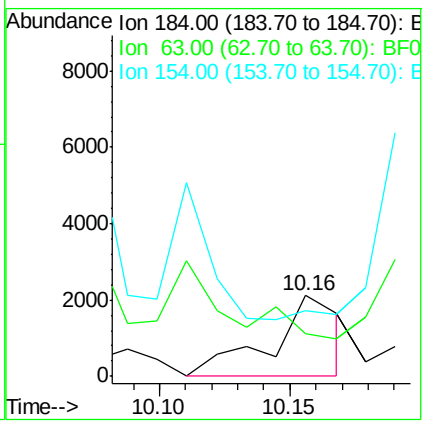


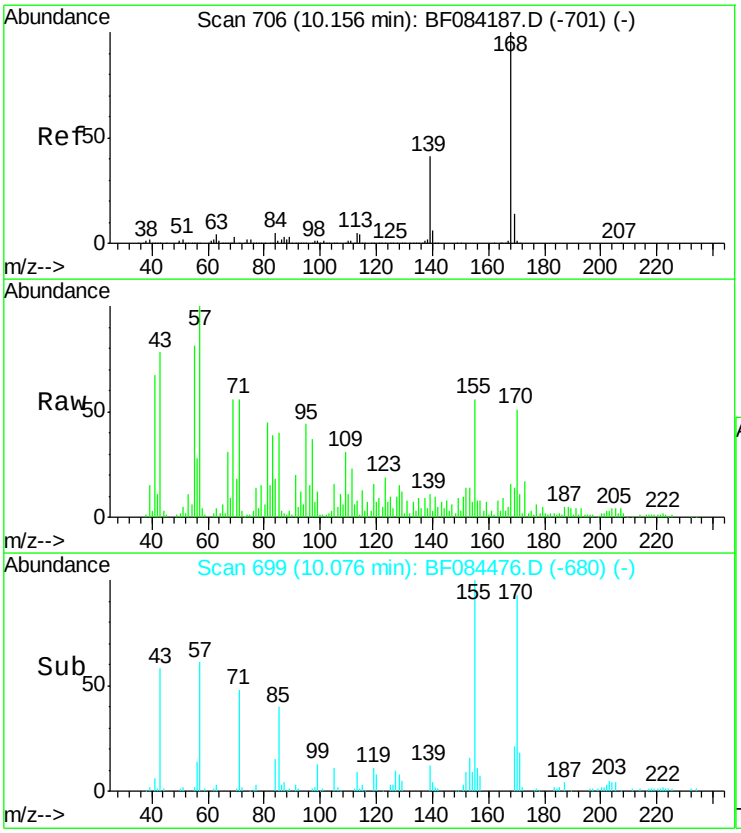
#53
2,4-Dinitrophenol
Concen: 5.48 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.16 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:184 Resp: 3897

Ion	Ratio	Lower	Upper
184	100		
63	52.3	43.1	64.7
154	82.1	60.5	90.7

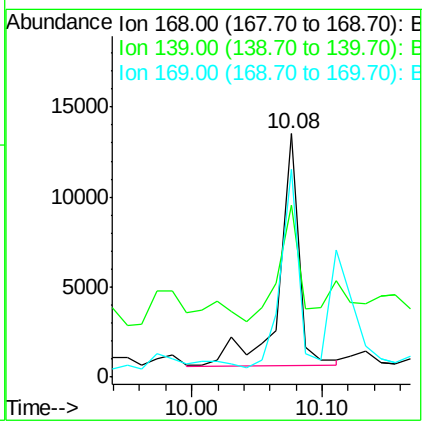


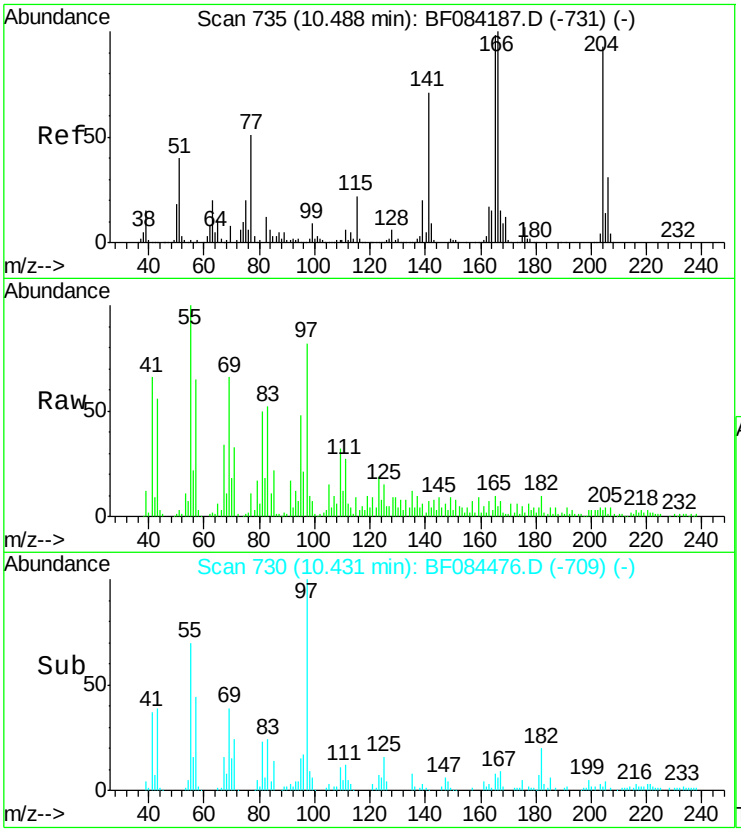


#54
Dibenzofuran
Concen: Below Cal
RT: 10.08 min Scan# 699
Delta R.T. -0.08 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:168 Resp: 13922

Ion	Ratio	Lower	Upper
168	100		
139	70.6	30.5	45.7#
169	85.5	10.4	15.6#



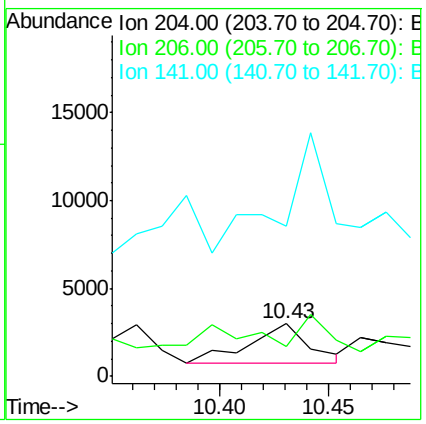


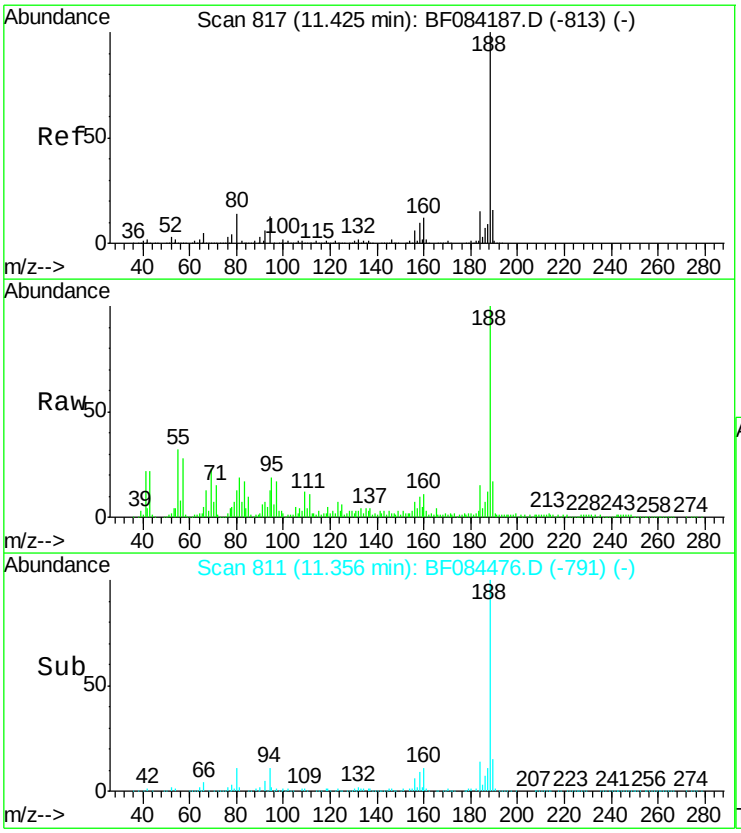
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:204 Resp: 4354

Ion	Ratio	Lower	Upper
204	100		
206	57.5	25.7	38.5#
141	288.0	55.1	82.7#

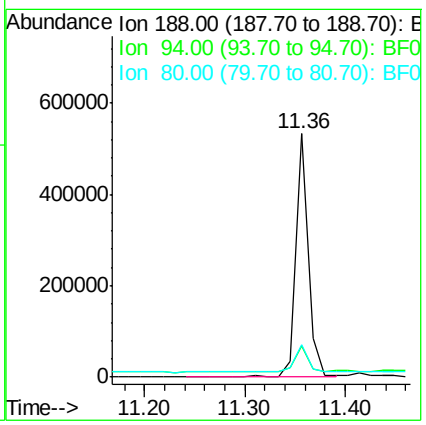


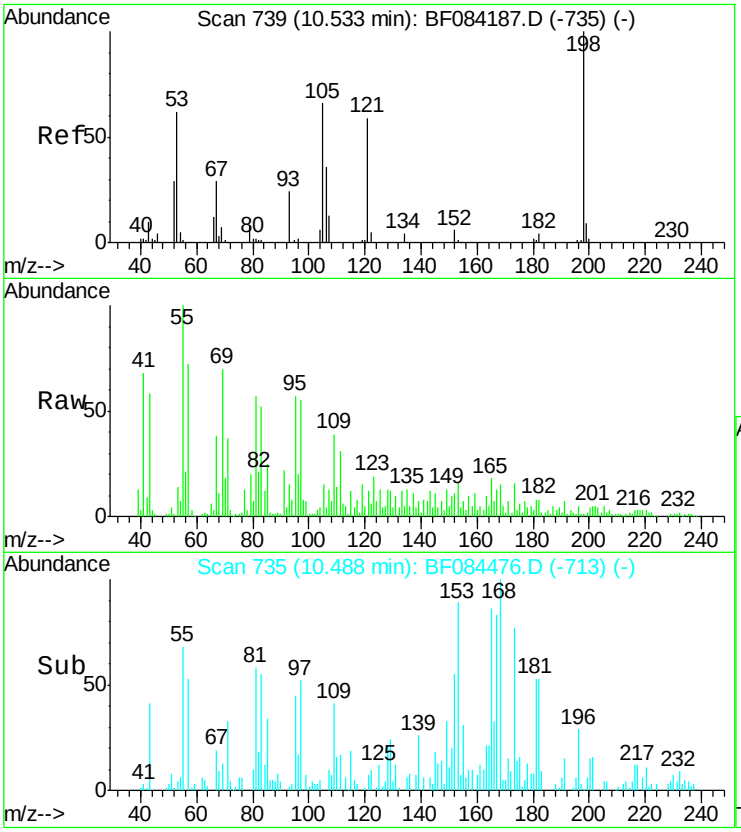


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:188 Resp: 448166

Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.0	13.4
80	13.2	9.6	14.4



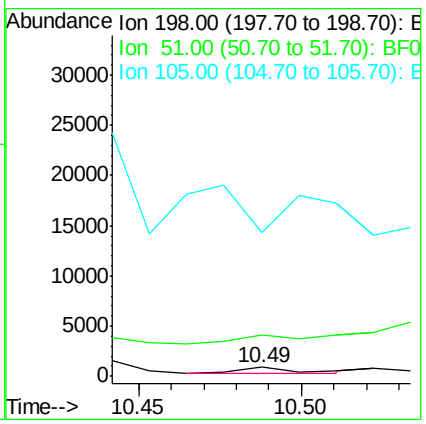


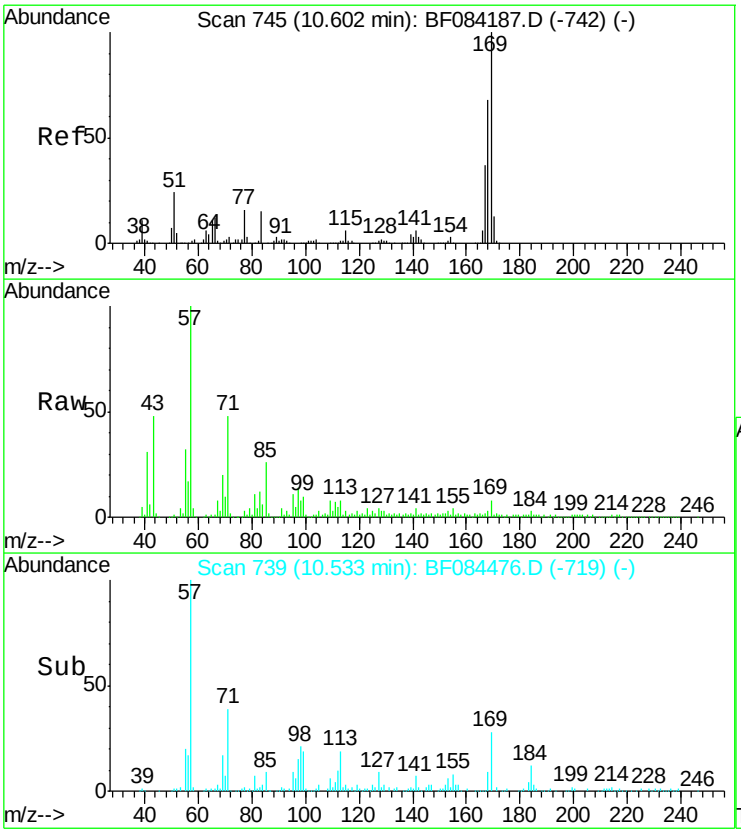
#64
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:198 Resp: 751

Ion	Ratio	Lower	Upper
198	100		
51	471.7	18.9	58.9#
105	1632.6	26.4	66.4#

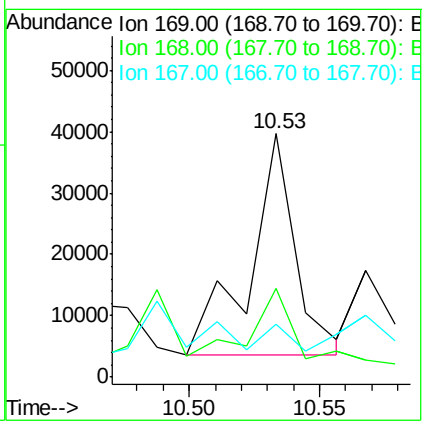


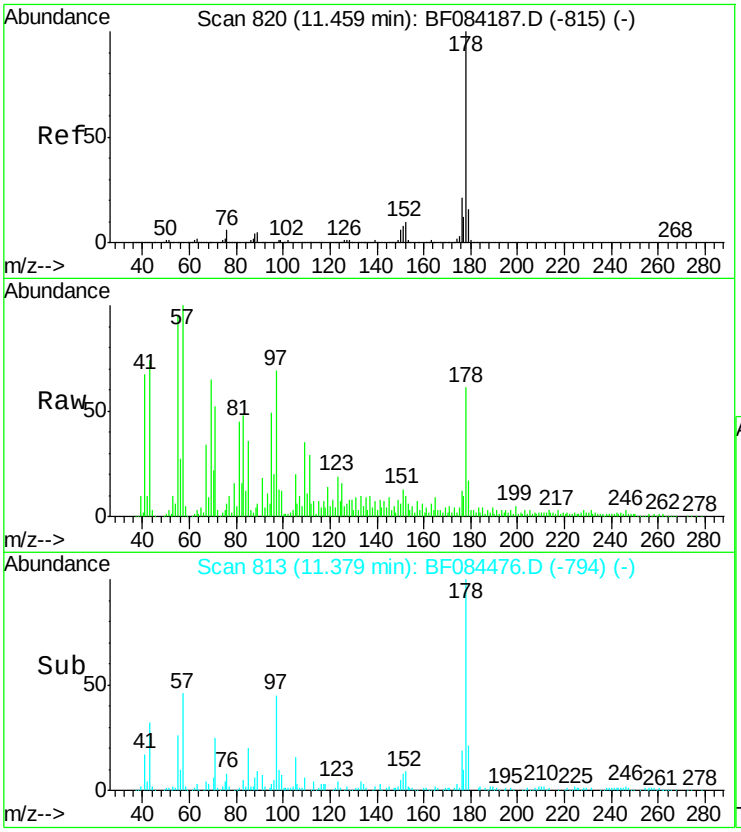


#65
n-Nitrosodiphenylamine
Concen: 3.08 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:169 Resp: 44084

Ion	Ratio	Lower	Upper
169	100		
168	36.6	55.1	82.7#
167	21.9	30.0	45.0#



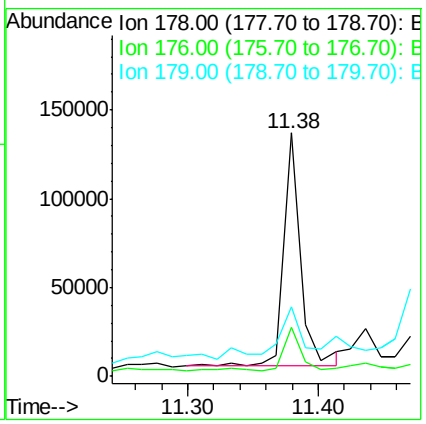


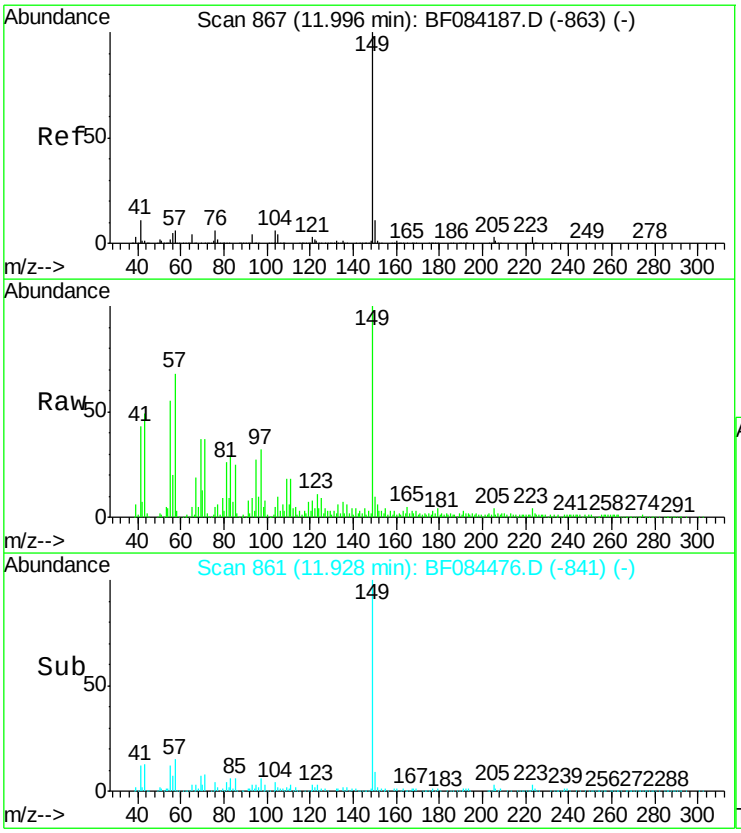
#70
Phenanthrene
Concen: 5.17 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.08 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:178 Resp: 121137

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.3	22.9
179	28.6	12.0	18.0#

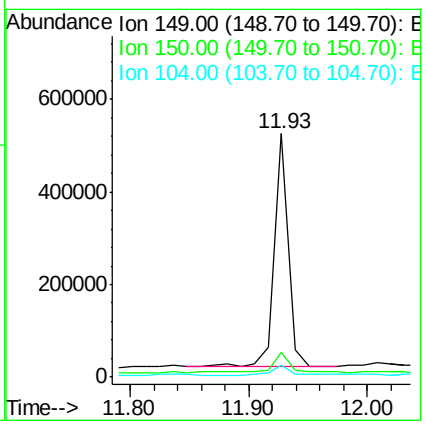


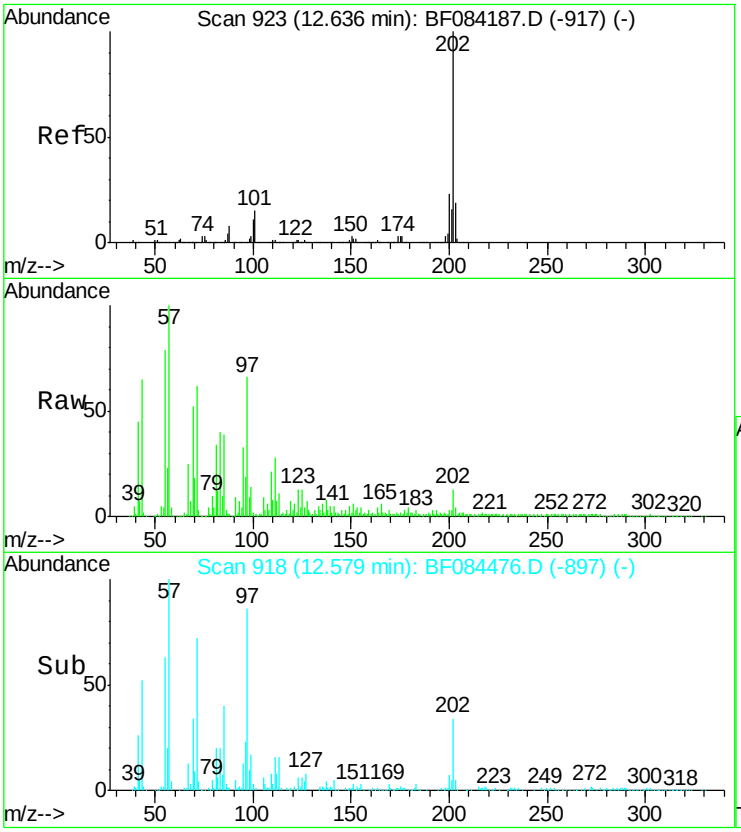


#73
Di-n-butylphthalate
Concen: 13.17 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:149 Resp: 415809

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.1	10.7
104	5.1	3.2	4.8#



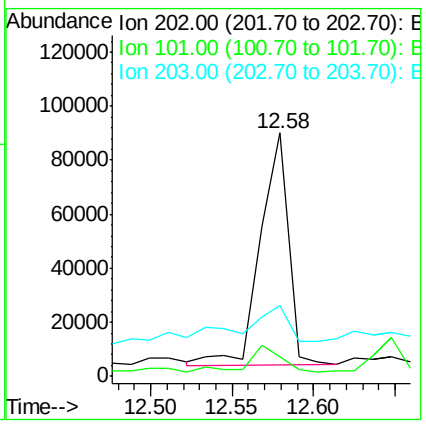


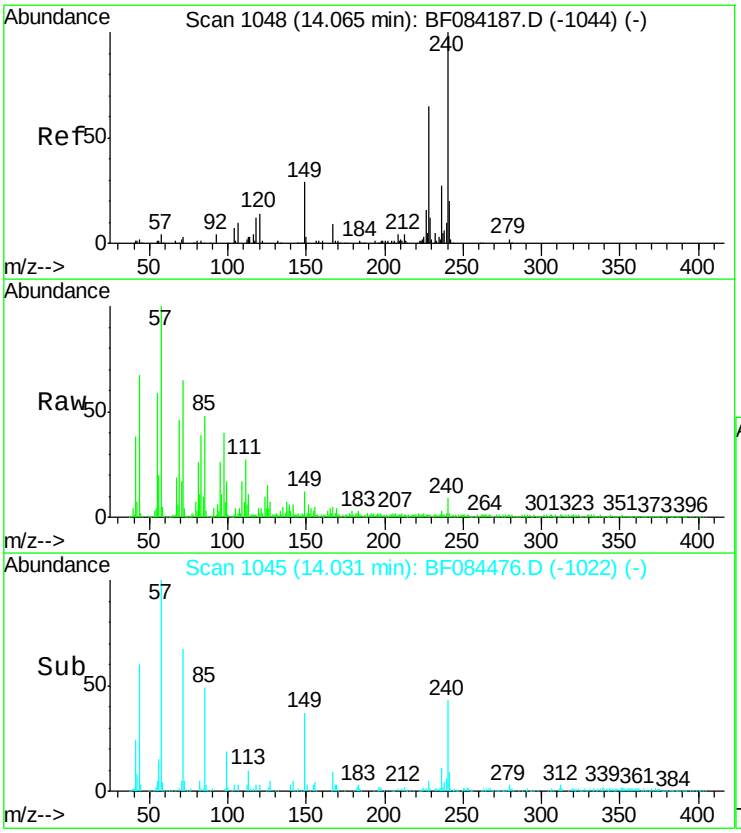
#74
Fluoranthene
Concen: 4.21 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:202 Resp: 103120

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	32.8
203	28.8	0.0	37.9

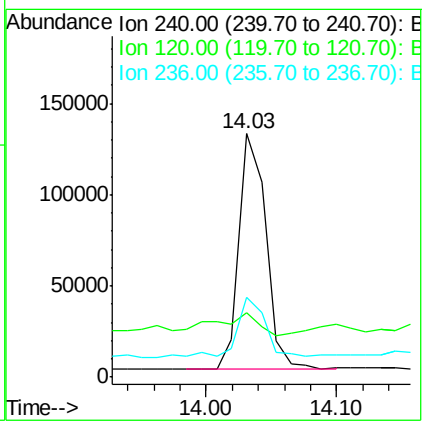


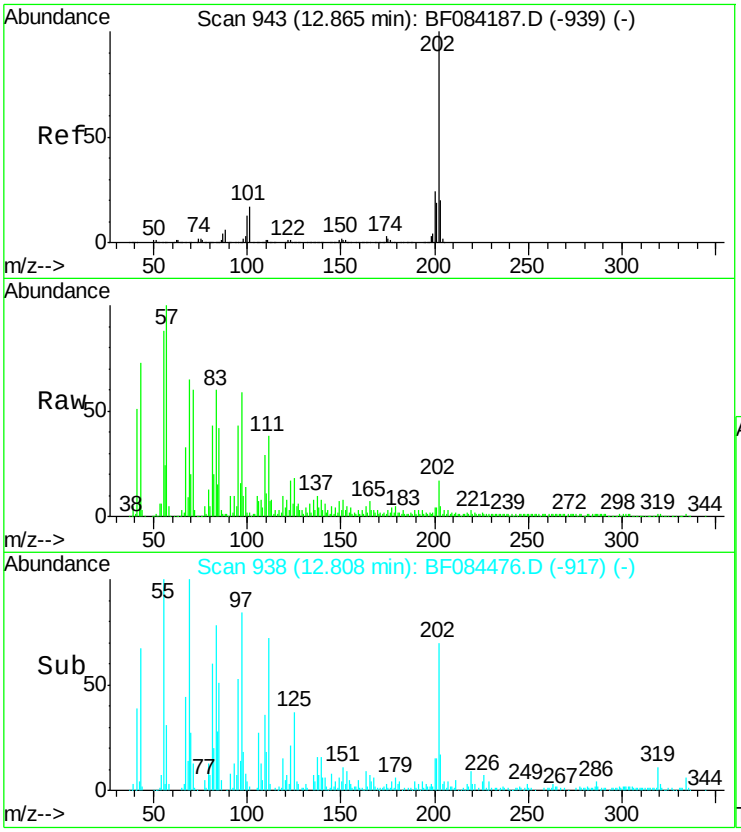


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:240 Resp: 185163

Ion	Ratio	Lower	Upper
240	100		
120	26.7	9.5	14.3#
236	32.5	20.6	31.0#



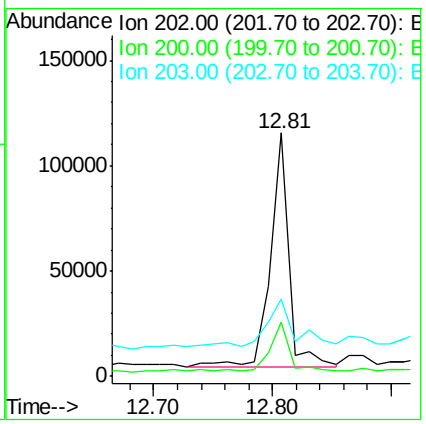


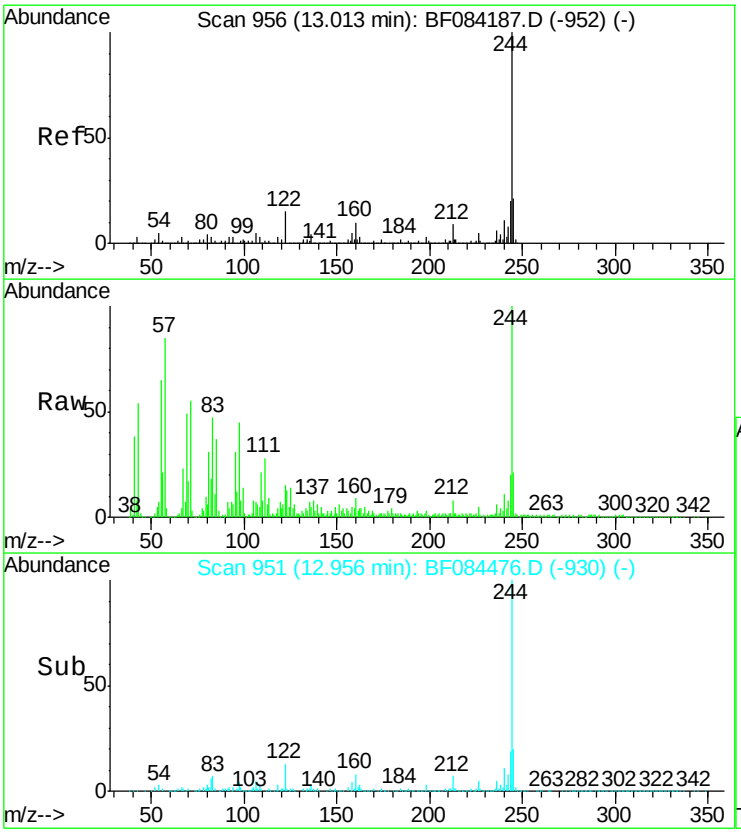
#77
Pyrene
Concen: 8.27 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.06 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:202 Resp: 120149

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	31.5	14.3	21.5#

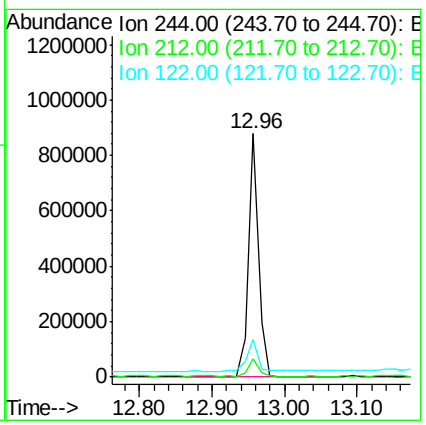


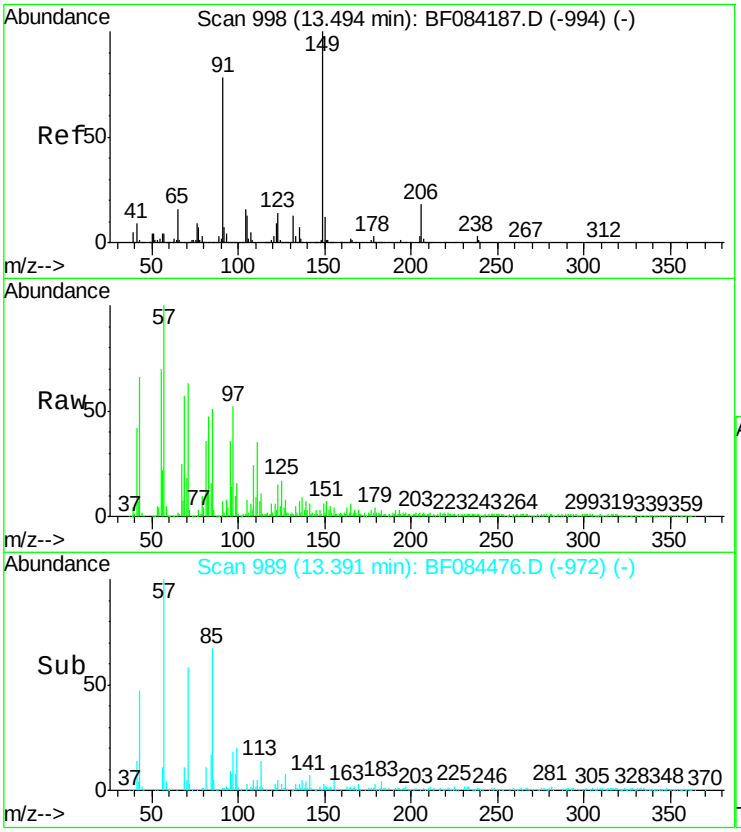


#78
Terphenyl-d14
Concen: 101.00 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:244 Resp: 837791

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	15.4	7.4	11.0#



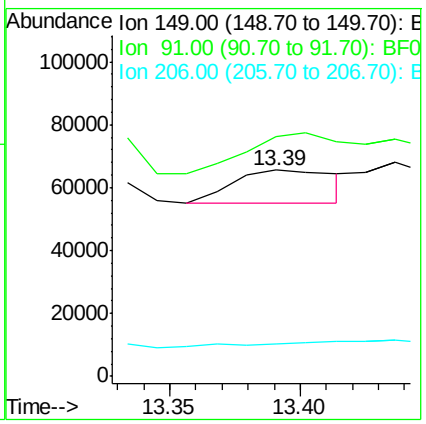


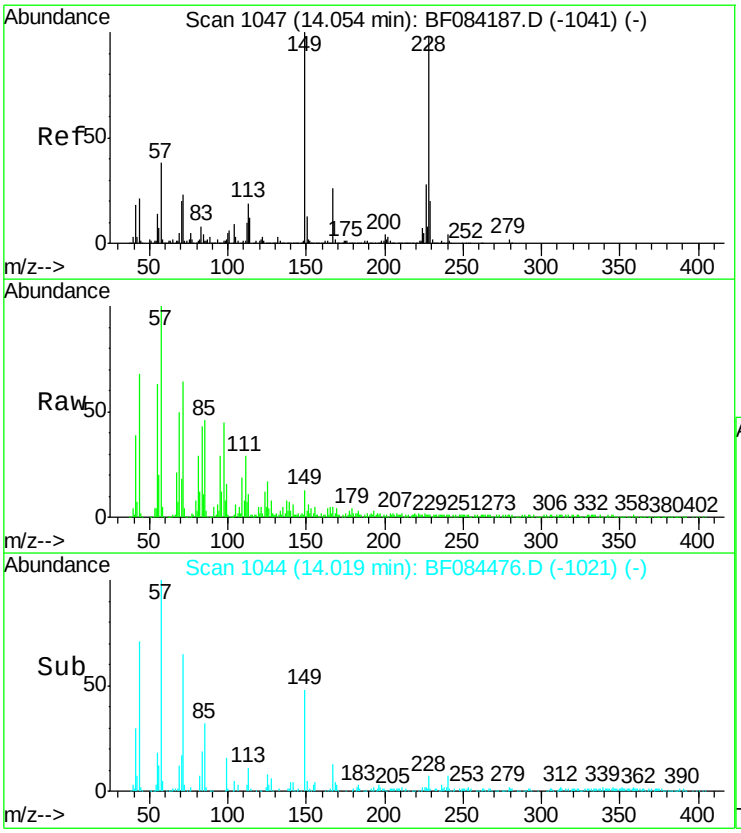
#79
Butylbenzylphthalate
Concen: 4.53 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.10 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:149 Resp: 28474

Ion	Ratio	Lower	Upper
149	100		
91	116.2	57.6	86.4#
206	15.8	13.2	19.8

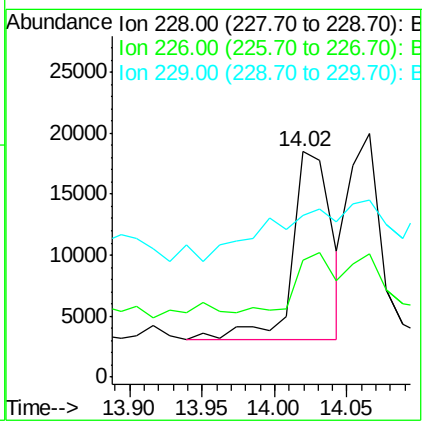


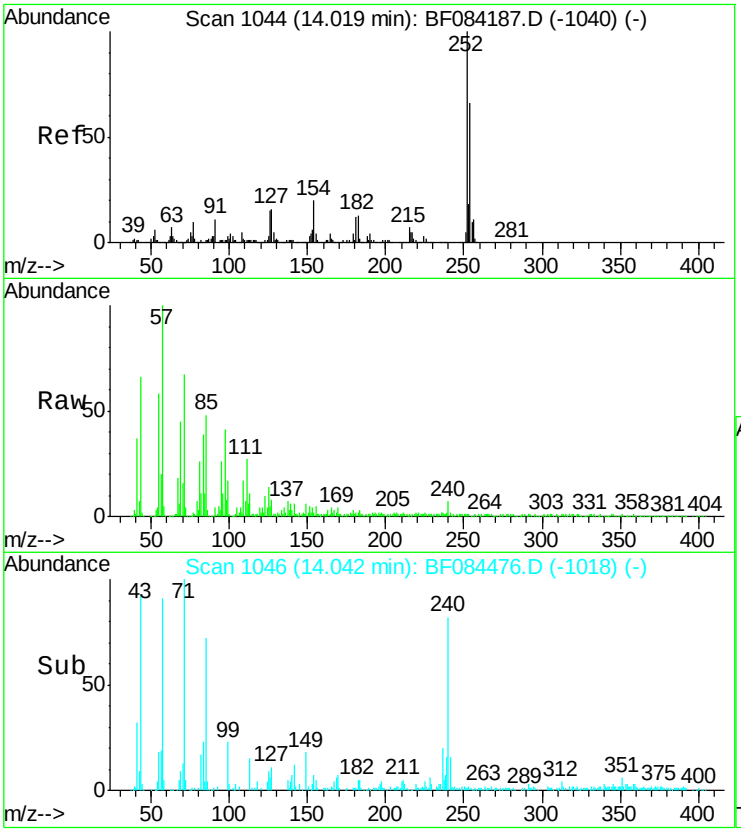


#80
Benzo(a)anthracene
Concen: 2.71 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:228 Resp: 29499

Ion	Ratio	Lower	Upper
228	100		
226	51.8	21.8	32.6#
229	71.9	15.8	23.8#



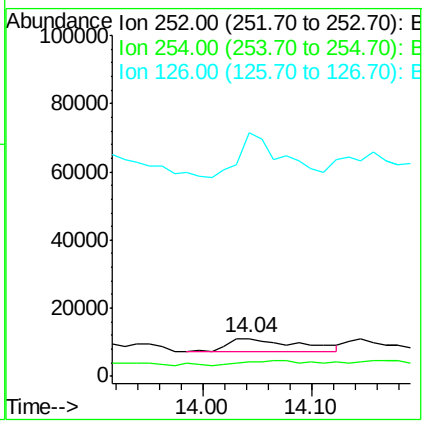


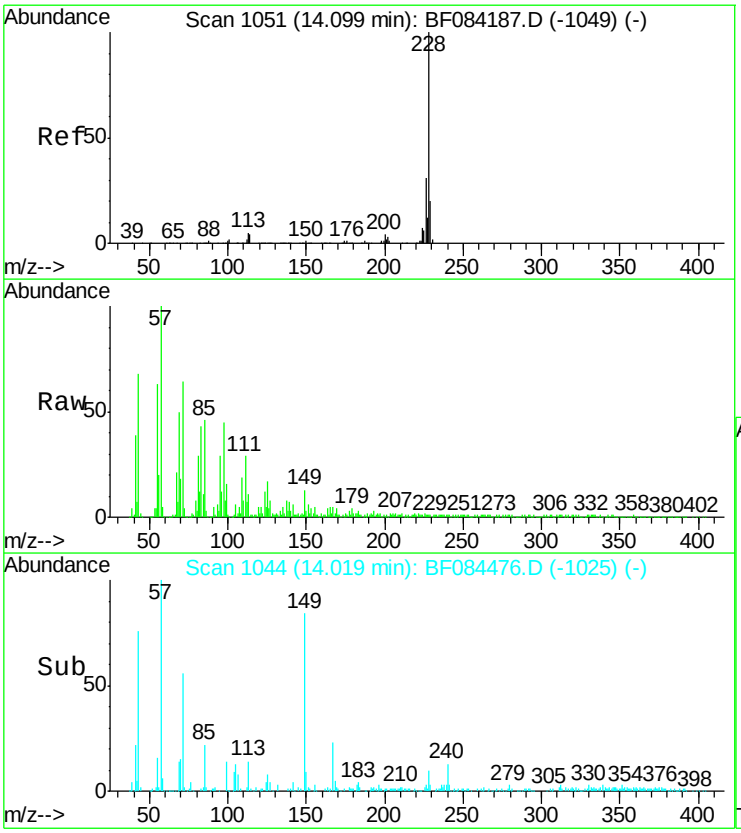
#81
3,3'-Dichlorobenzidine
Concen: 4.67 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.02 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:252 Resp: 17709

Ion	Ratio	Lower	Upper
252	100		
254	36.4	53.5	80.3#
126	638.3	4.9	7.3#

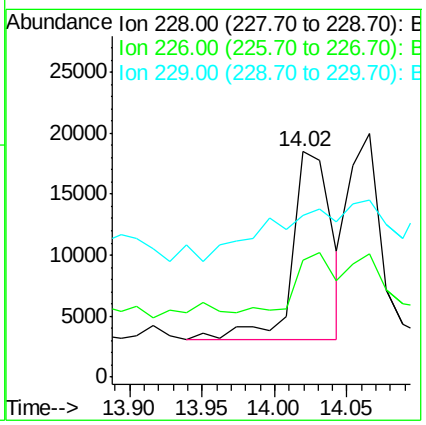


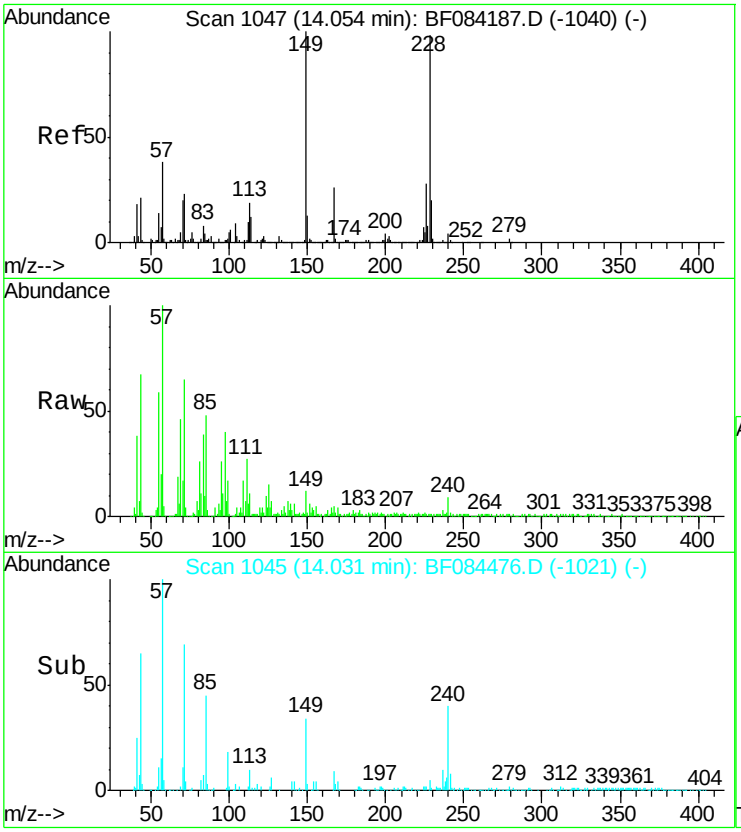


#82
Chrysene
Concen: 2.82 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.08 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:228 Resp: 29499

Ion	Ratio	Lower	Upper
228	100		
226	51.8	24.3	36.5#
229	71.9	16.1	24.1#



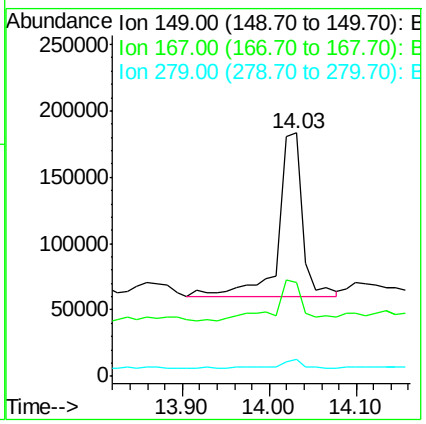


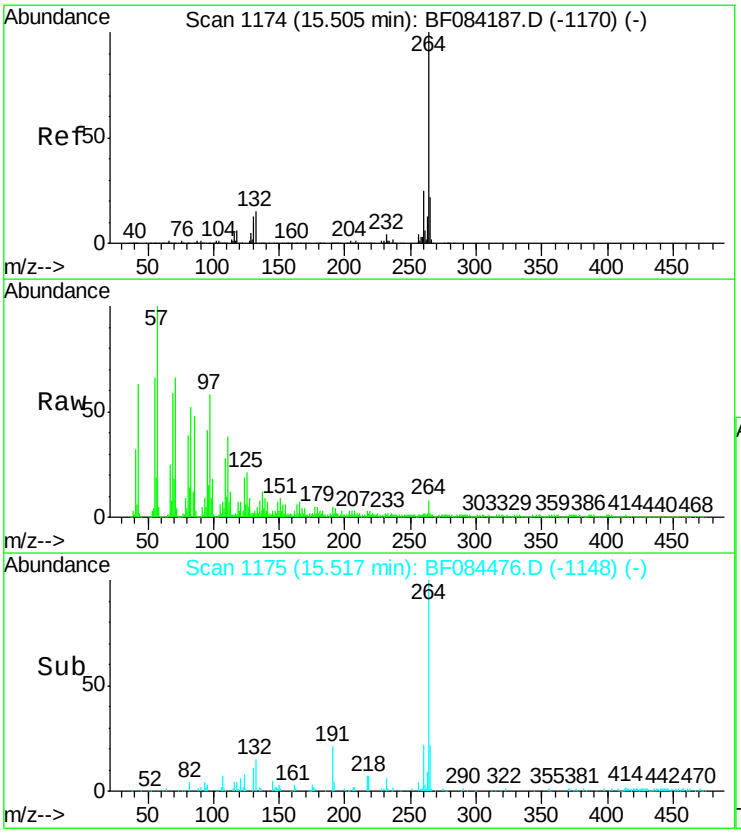
#83
Bis(2-ethylhexyl)phthalate
Concen: 30.57 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:149 Resp: 242812

Ion	Ratio	Lower	Upper
149	100		
167	38.6	19.7	29.5#
279	7.3	1.8	2.6#

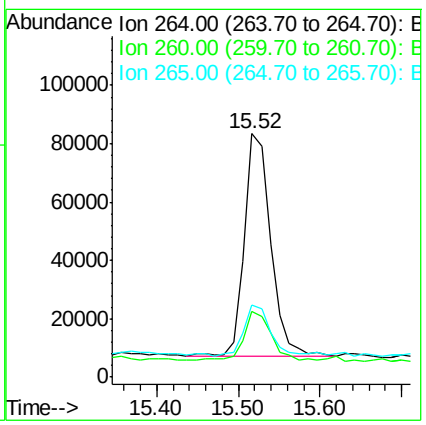


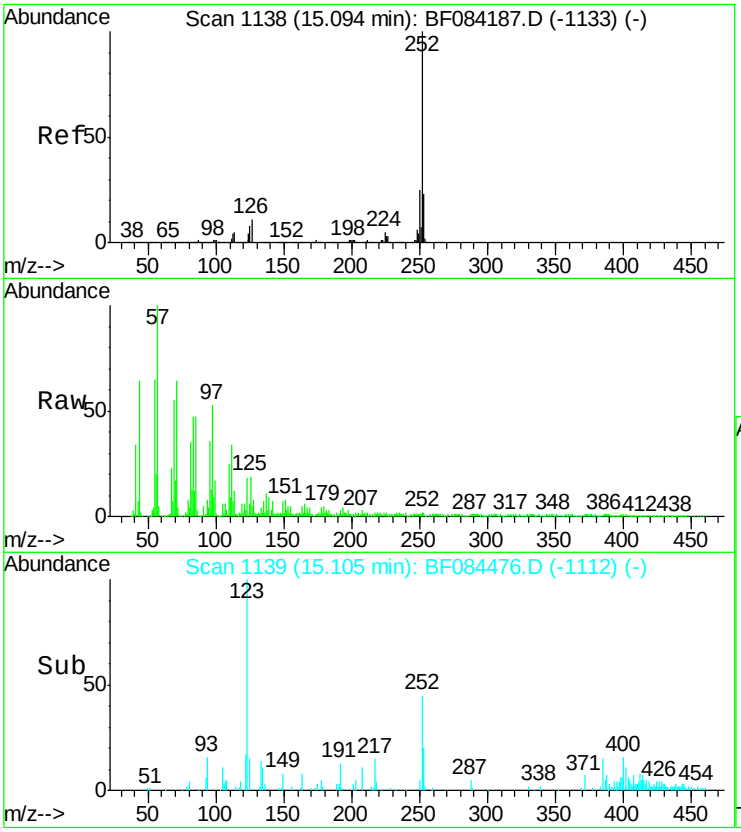


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:264 Resp: 172807

Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.4	29.2
265	29.4	17.8	26.6#



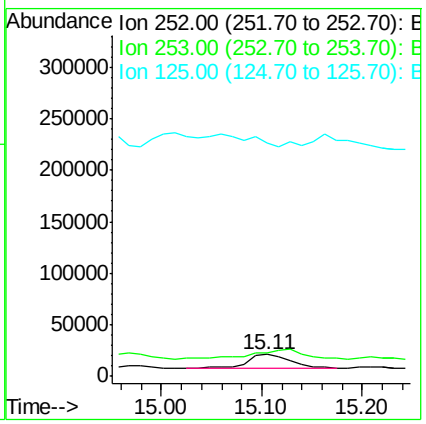


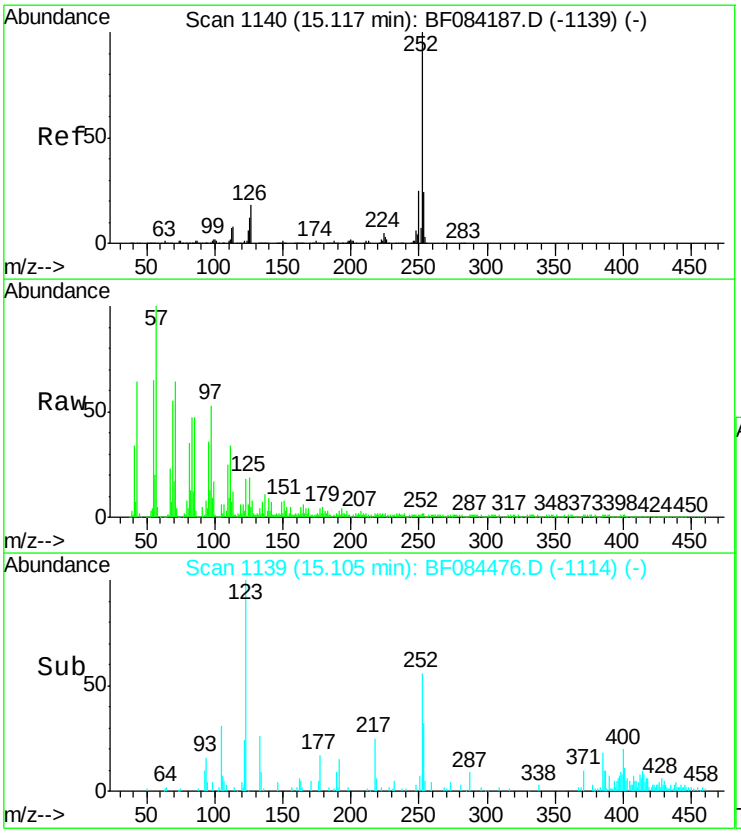
#87
Benzo(b)fluoranthene
Concen: 3.63 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:252 Resp: 41034

Ion	Ratio	Lower	Upper
252	100		
253	110.9	17.3	25.9#
125	1077.0	6.5	9.7#

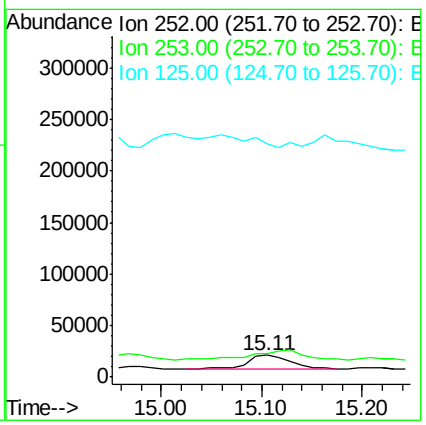


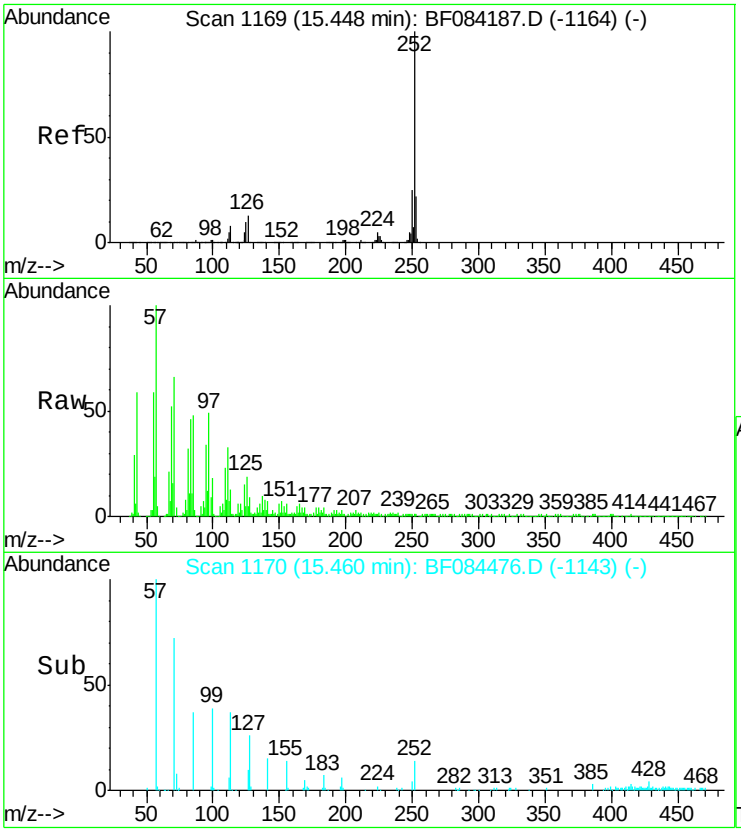


#88
Benzo(k)fluoranthene
Concen: 4.44 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:252 Resp: 41034

Ion	Ratio	Lower	Upper
252	100		
253	110.9	18.1	27.1#
125	1077.0	9.0	13.6#



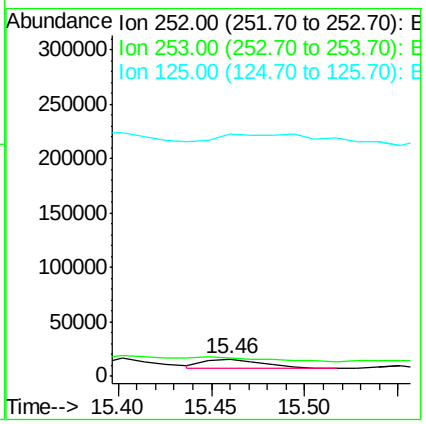


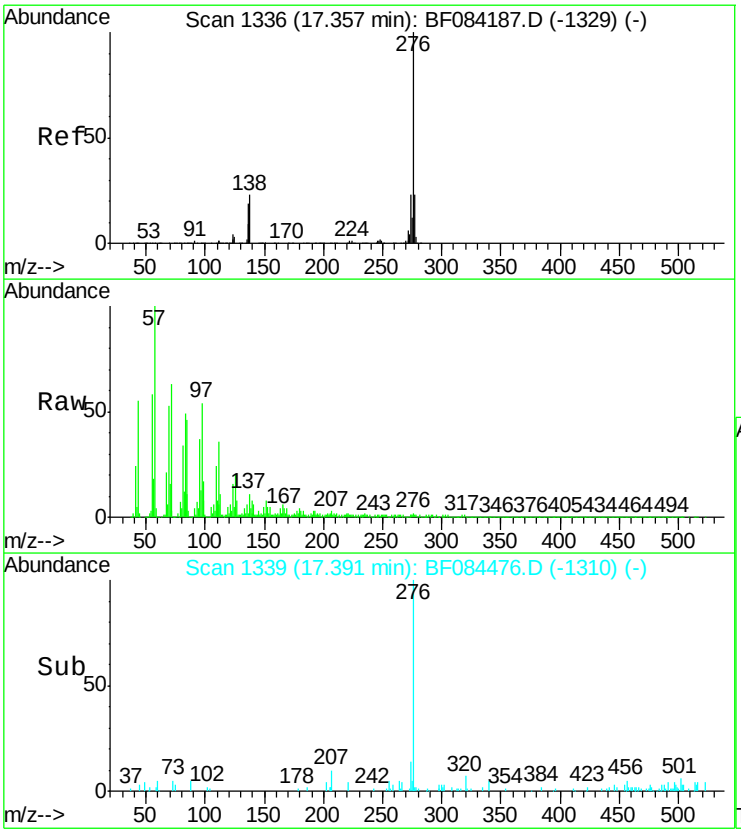
#89
Benzo(a)pyrene
Concen: 2.03 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:252 Resp: 19498

Ion	Ratio	Lower	Upper
252	100		
253	108.7	17.3	25.9#
125	1417.9	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 3.33 ng
RT: 17.39 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:276 Resp: 28492

Ion	Ratio	Lower	Upper
276	100		
277	61.7	18.8	28.2#
138	215.6	17.8	26.6#