Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084487.D
Acq On : 15 Jan 2016 11:36
Operator : SJ/UM
Sample : H1058-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 01:30:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	240292	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	935394	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	336362	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	507705	20.00	ng		0.01
75) Chrysene-d12	14.03	240	198769	20.00	ng		0.05
86) Perylene-d12	15.52	264	179245	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	208657	14.05	ng		0.00
7) Phenol-d6	6.46	99	1306048	70.00	ng		0.00
23) Nitrobenzene-d5	7.39	82	1488785	88.58	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	21832	6.43	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	1835025	96.85	ng		-0.01
78) Terphenyl-d14	12.96	244	1022316	114.81	ng		0.02
Target Compounds							Qvalue
3) Pyridine	3.18	79	53937	2.75	ng	#	74
10) Phenol	6.48	94	73570	3.47	ng	#	77
19) n-Nitroso-di-n-propylamine	7.39	70	214950	17.02	ng	#	74
32) Benzoic acid	7.90	122	3232	6.53	ng	#	38
35) Caprolactam	8.53	113	9401	2.13	ng	#	1
49) Dimethylphthalate	9.58	163	437948	18.21	ng	#	90
53) 2,4-Dinitrophenol	10.09	184	1270	4.10	ng	#	1
54) Dibenzofuran	9.90	168	11376	Below Cal			97
57) Fluorene	10.41	166	31868	Below Cal		#	59
60) 4-Chlorophenyl-phenylether	10.43	204	2084	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.41	198	3295	7.20	ng	#	1
65) n-Nitrosodiphenylamine	10.52	169	55025	3.39	ng	#	75
68) Atrazine	11.05	200	15231	2.87	ng	#	1
70) Phenanthrene	11.38	178	131278	4.94	ng	#	85
73) Di-n-butylphthalate	11.93	149	459181	12.73	ng	#	94
74) Fluoranthene	12.57	202	110271	3.97	ng		88
77) Pyrene	12.80	202	127833	8.20	ng	#	84
79) Butylbenzylphthalate	13.44	149	22524	3.34	ng	#	57
80) Benzo(a)anthracene	14.02	228	38034	3.26	ng	#	40
81) 3,3'-Dichlorobenzidine	14.04	252	17523	4.30	ng	#	1
82) Chrysene	14.02	228	38034	3.39	ng	#	47
83) Bis(2-ethylhexyl)phthalate	14.02	149	221967	26.03	ng	#	77
84) Di-n-octyl phthalate	14.65	149	43095	2.99	ng	#	1
87) Benzo(b)fluoranthene	15.09	252	38676	3.30	ng	#	1
88) Benzo(k)fluoranthene	15.09	252	39372	4.11	ng	#	1
89) Benzo(a)pyrene	15.45	252	22309	2.24	ng	#	1
91) Benzo(g,h,i)perylene	17.38	276	29252	3.30	ng	#	1

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

Quantitation Report (Not Reviewed)

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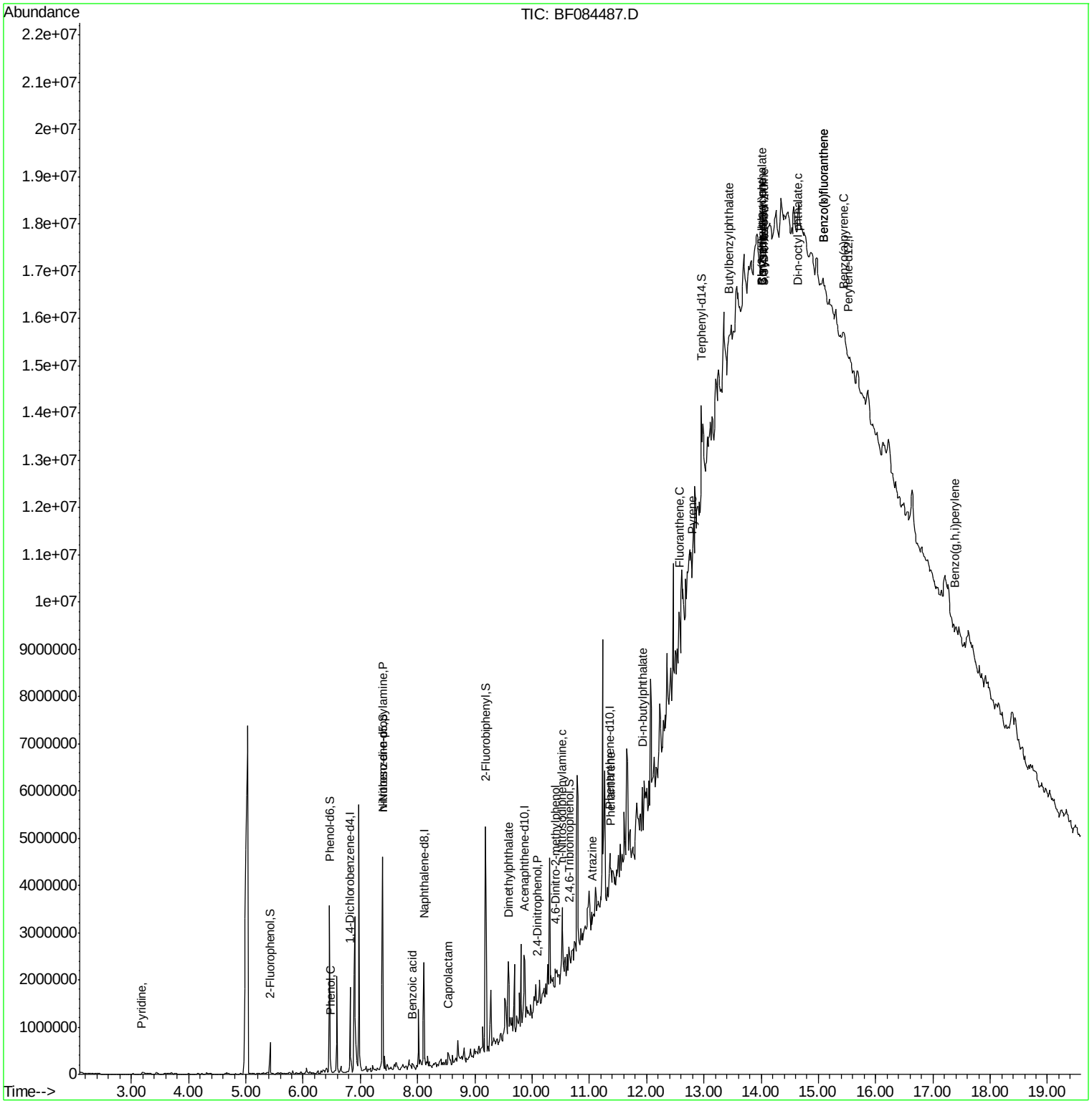
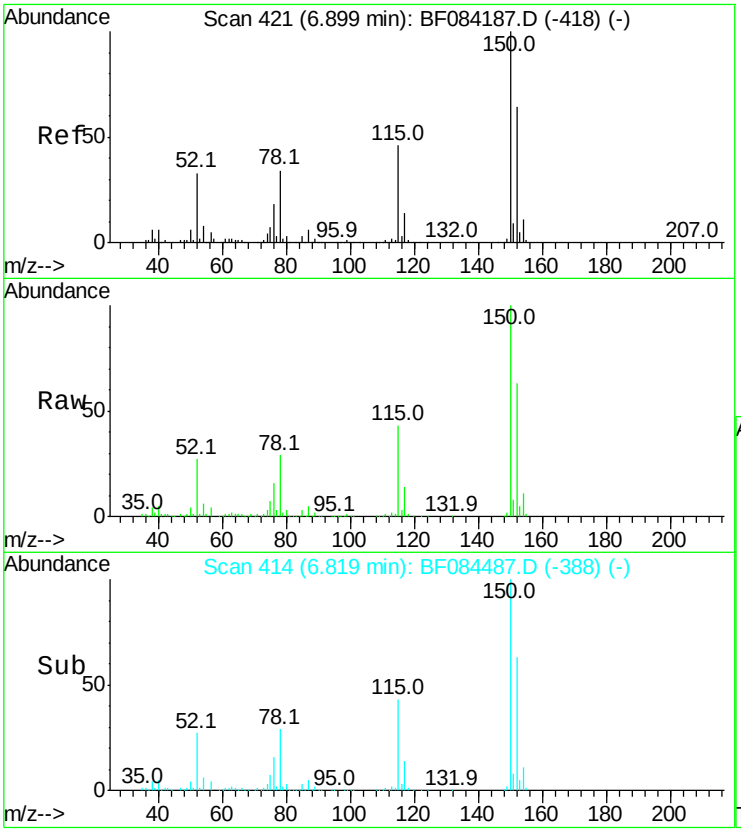
Data File : BF084487.D
Acq On : 15 Jan 2016 11:36
Operator : SJ/UM
Sample : H1058-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 01:30:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration



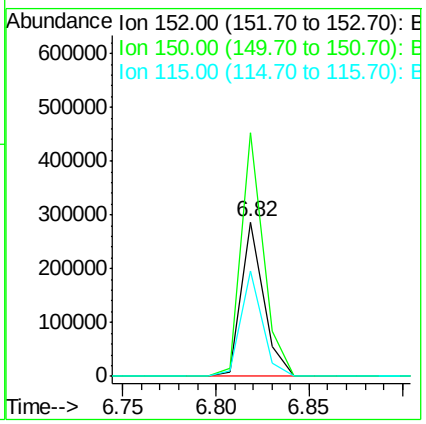


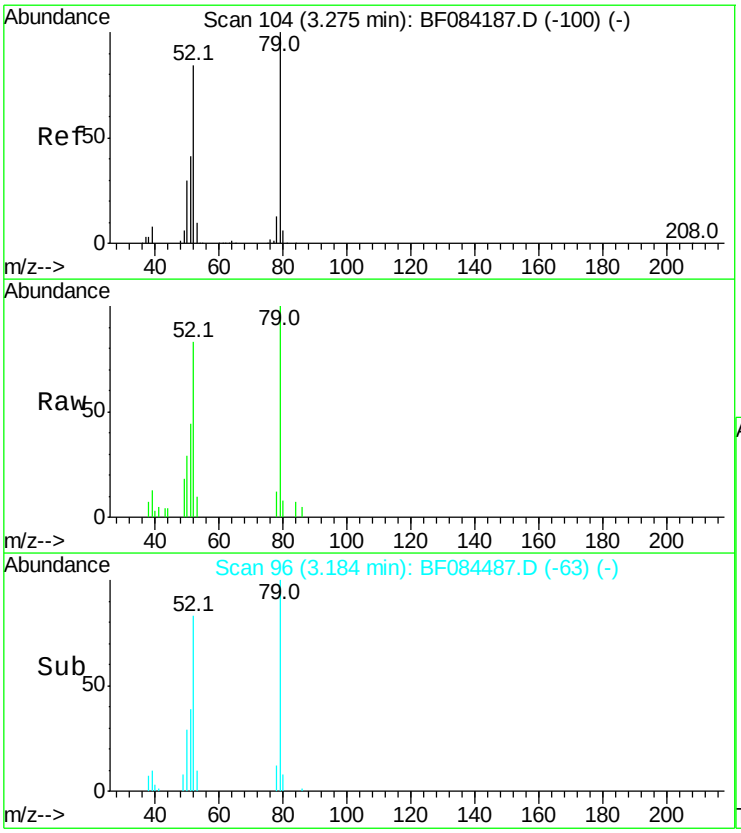
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 240292

Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.0	184.4
115	68.6	51.4	77.2

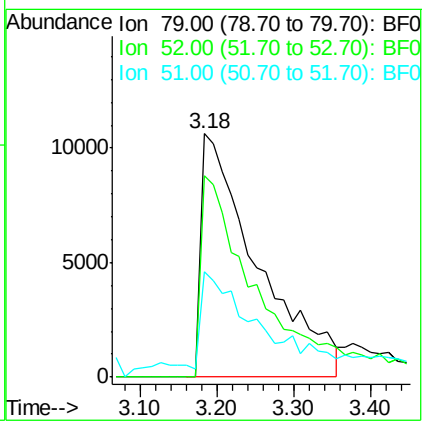


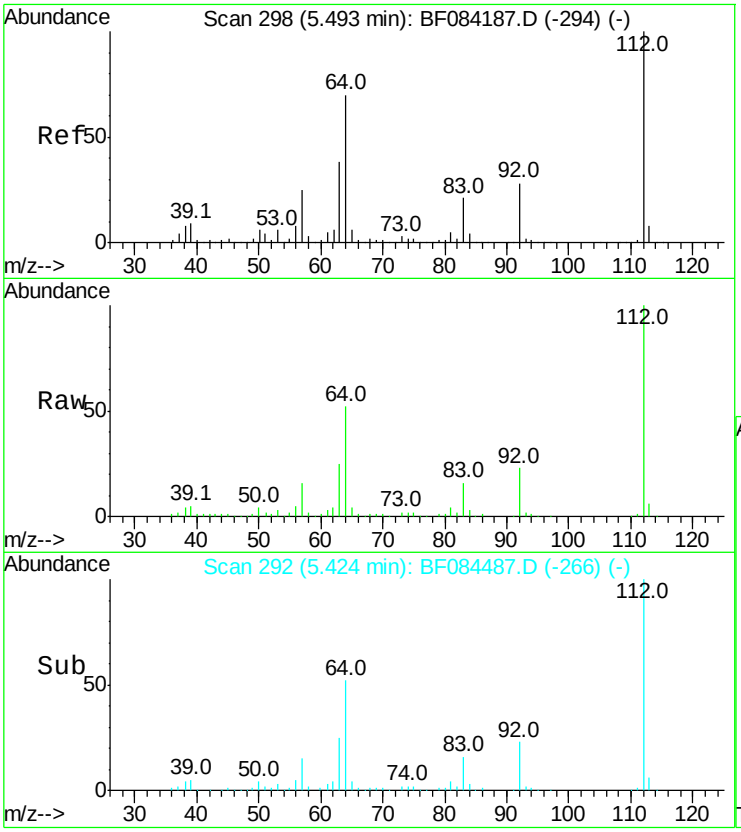


#3
Pyridine
Concen: 2.75 ng
RT: 3.18 min Scan# 96
Delta R.T. 0.08 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion: 79 Resp: 53937

Ion	Ratio	Lower	Upper
79	100		
52	82.5	49.0	73.4#
51	43.5	25.2	37.8#



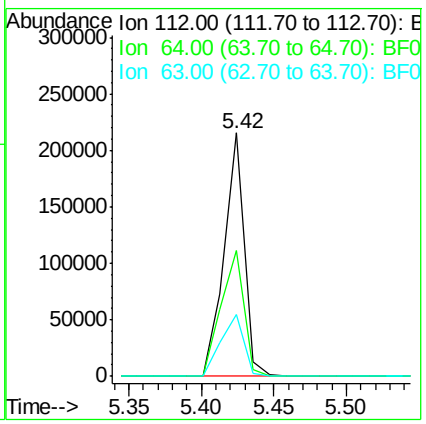


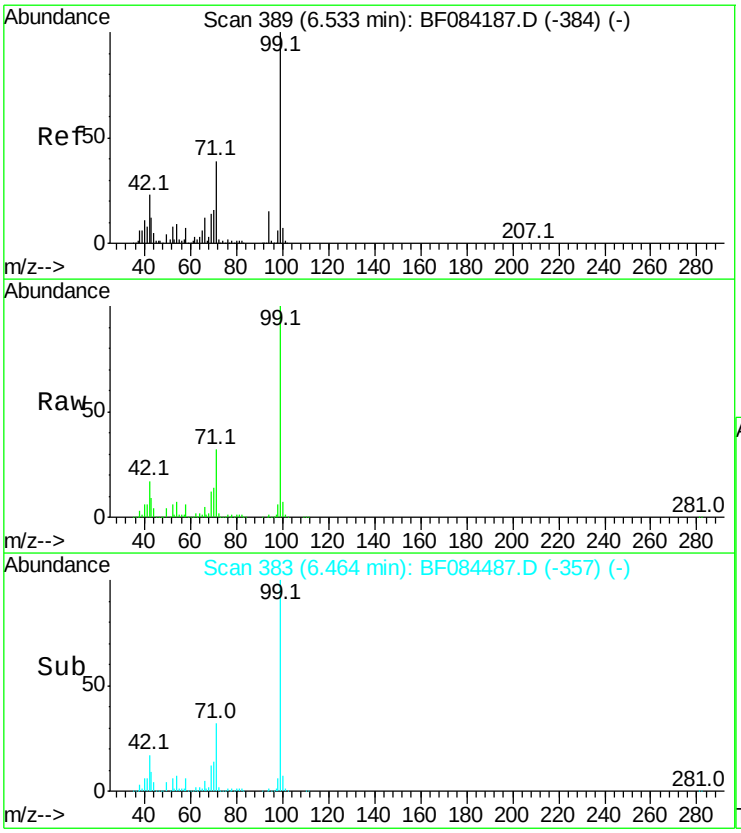
#5
2-Fluorophenol
Concen: 14.05 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.00 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 208657

Ion	Ratio	Lower	Upper
112	100		
64	51.9	36.6	55.0
63	25.3	19.4	29.0

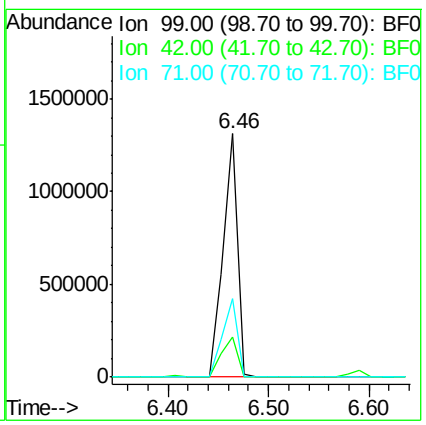


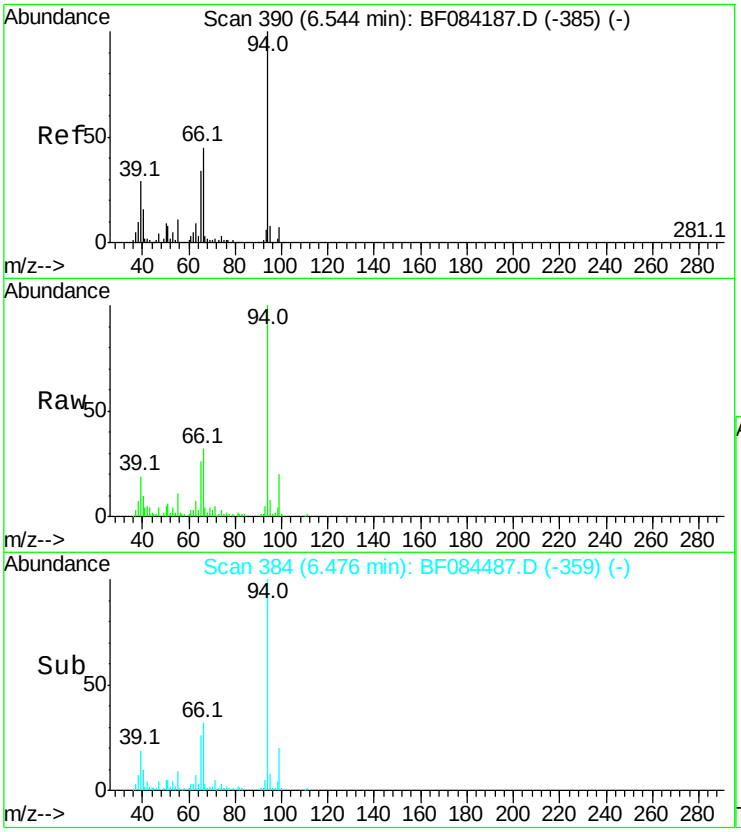


#7
Phenol-d6
Concen: 70.00 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion: 99 Resp: 1306048

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.8	19.2
71	32.0	30.9	46.3



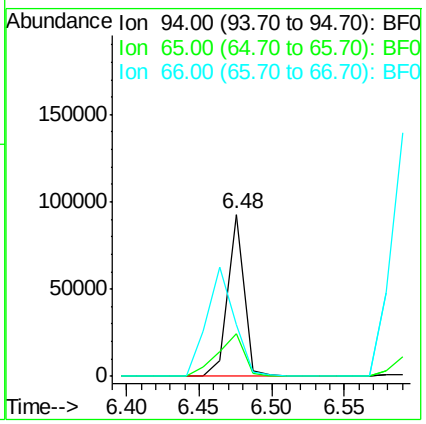


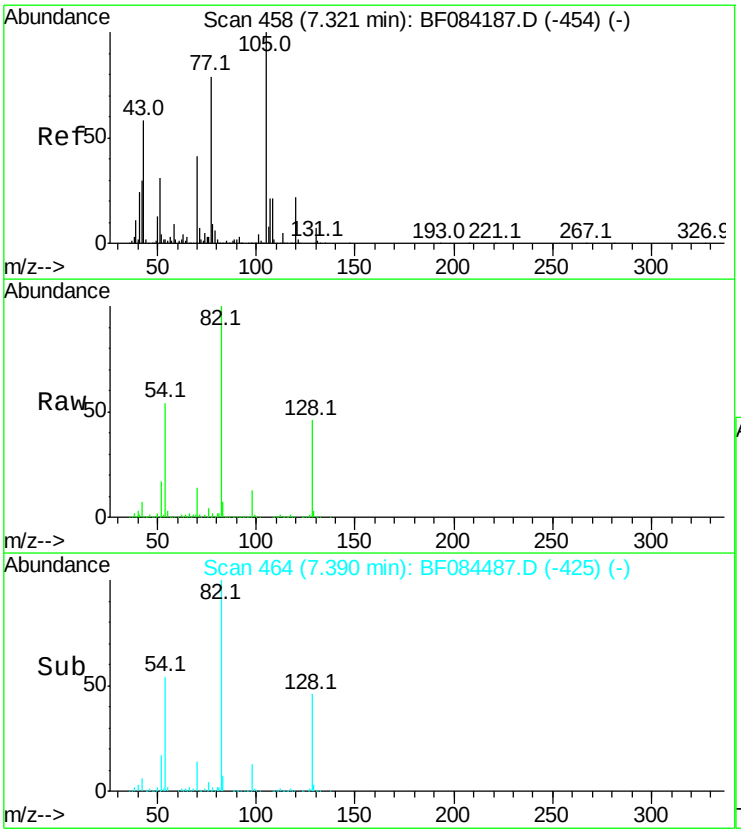
#10
Phenol
Concen: 3.47 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 73570

Ion	Ratio	Lower	Upper
94	100		
65	26.4	12.9	52.9
66	31.8	32.7	72.7#

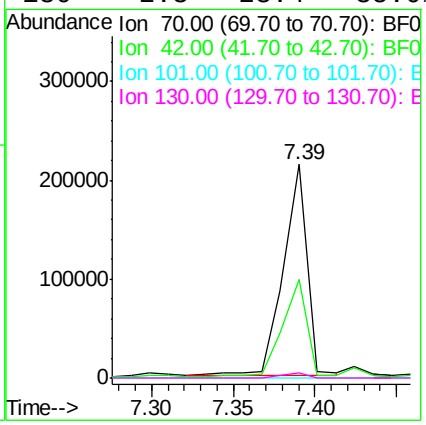


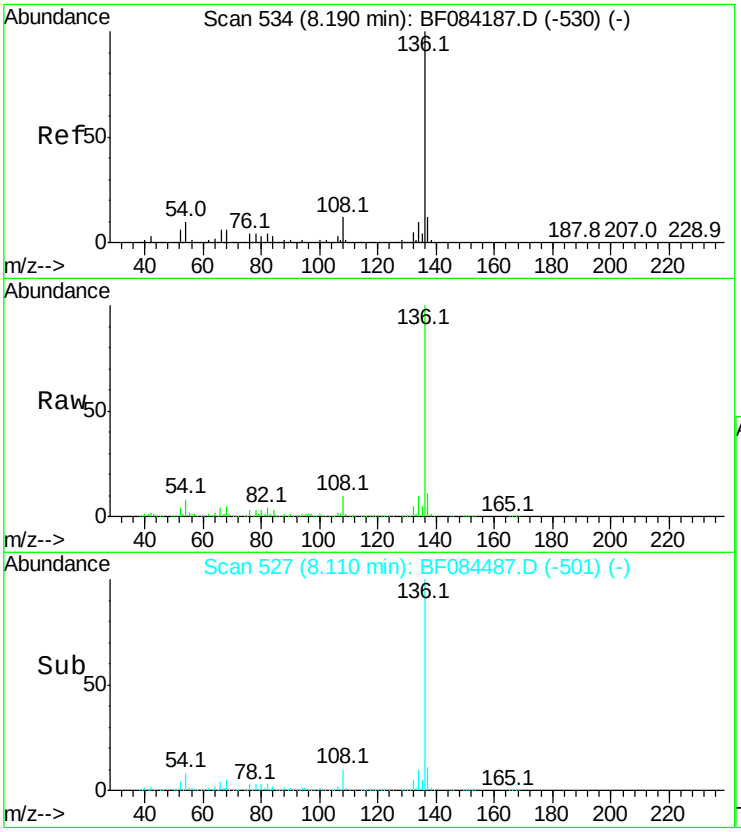


#19
n-Nitroso-di-n-propylamine
Concen: 17.02 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion: 70 Resp: 214950

Ion	Ratio	Lower	Upper
70	100		
42	46.1	33.3	49.9
101	0.0	9.3	13.9#
130	2.3	23.4	35.0#



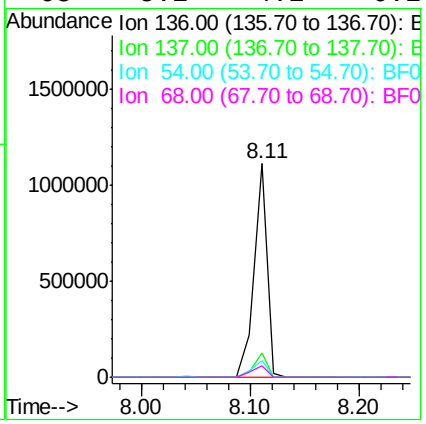


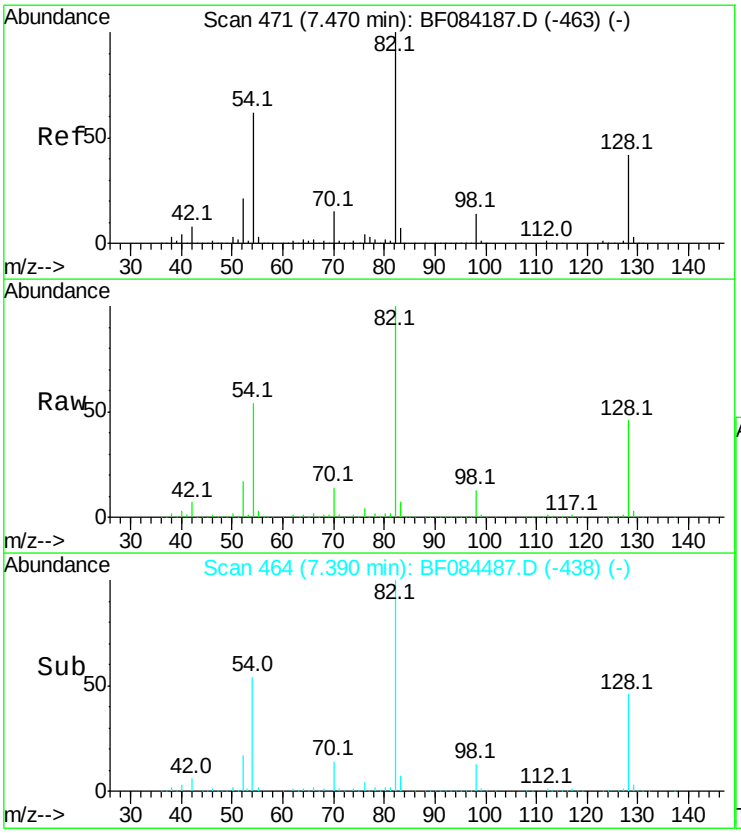
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 935394

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.7	5.8	8.8
68	5.2	4.2	6.2

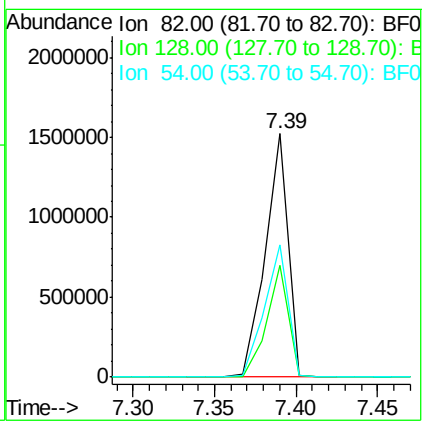


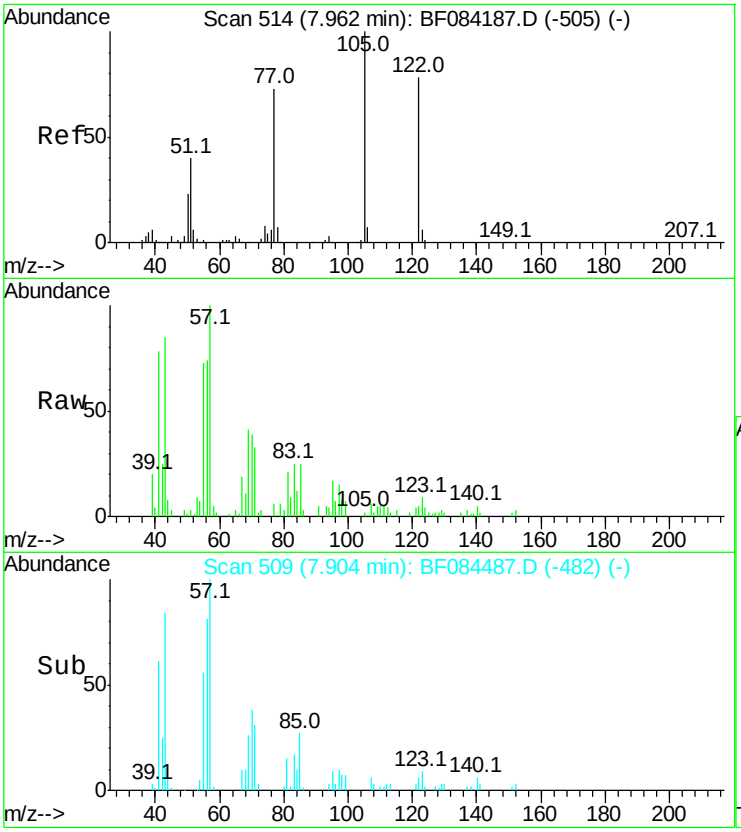


#23
Nitrobenzene-d5
Concen: 88.58 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion: 82 Resp: 1488785

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	54.4	38.4	57.6



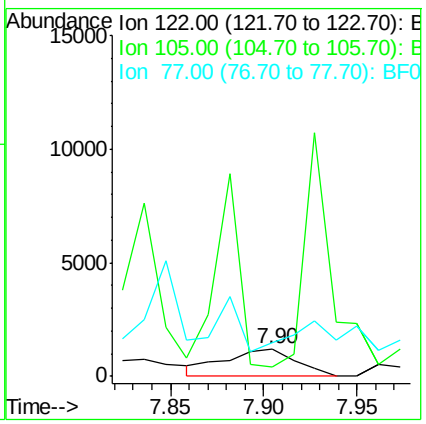


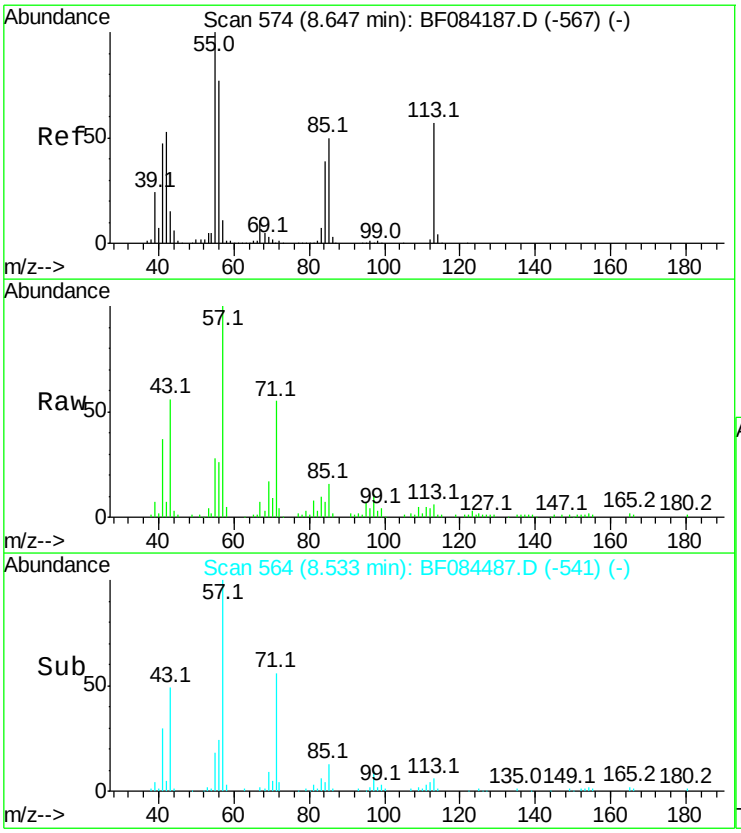
#32
Benzoic acid
Concen: 6.53 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 3232

Ion	Ratio	Lower	Upper
122	100		
105	35.6	100.3	140.3#
77	120.6	63.5	103.5#

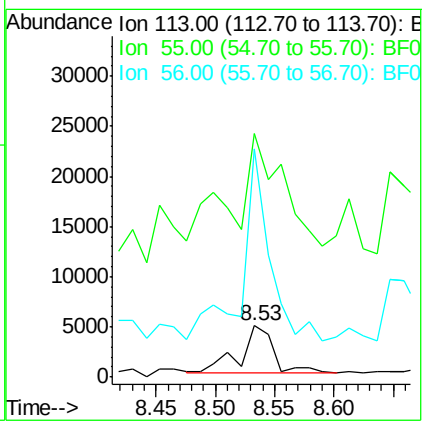


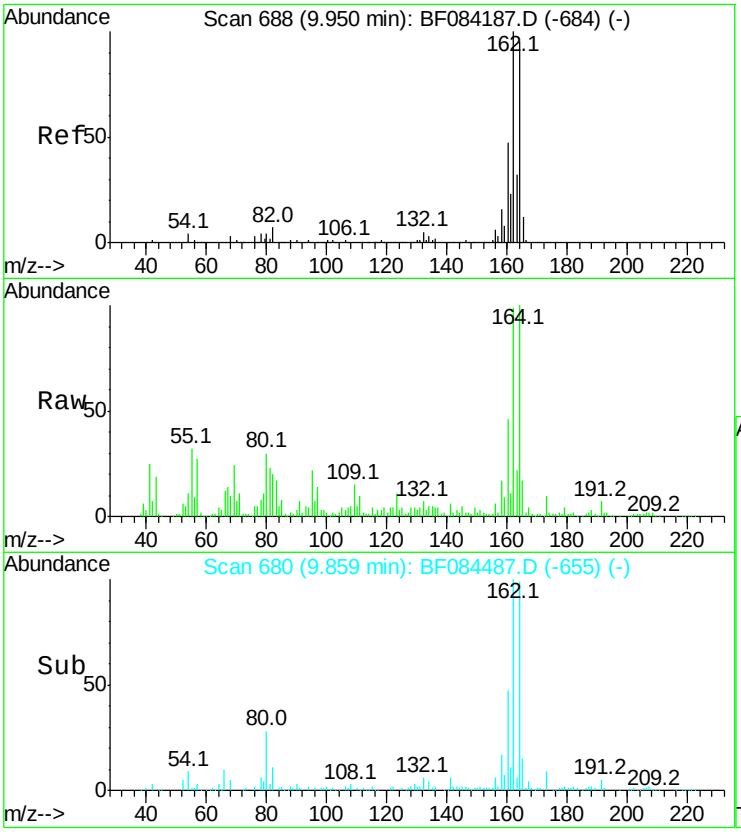


#35
Caprolactam
Concen: 2.13 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:113 Resp: 9401

Ion	Ratio	Lower	Upper
113	100		
55	473.4	116.9	156.9#
56	443.0	93.8	133.8#



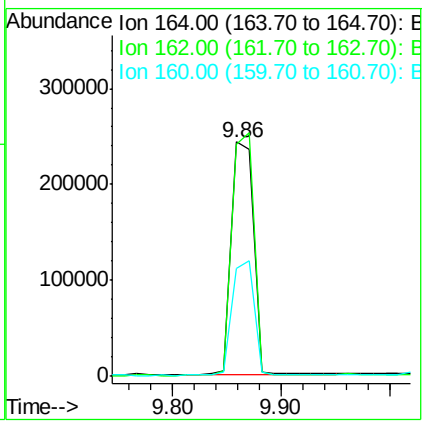


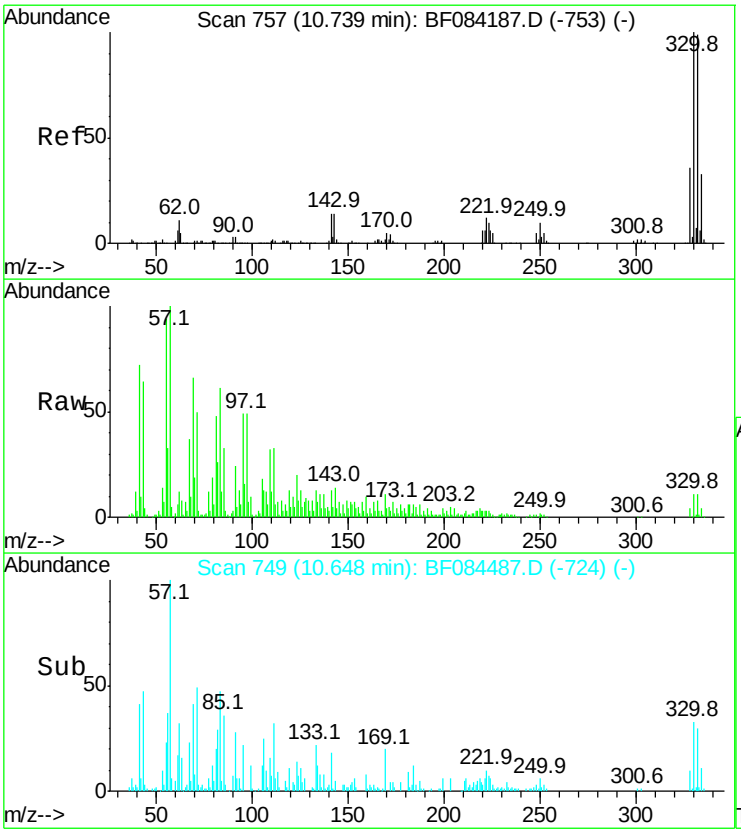
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 336362

Ion	Ratio	Lower	Upper
164	100		
162	99.2	85.1	127.7
160	46.3	37.5	56.3

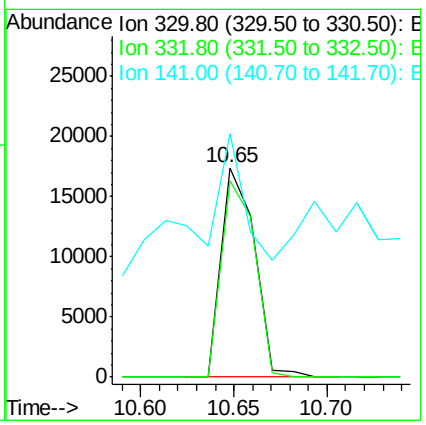


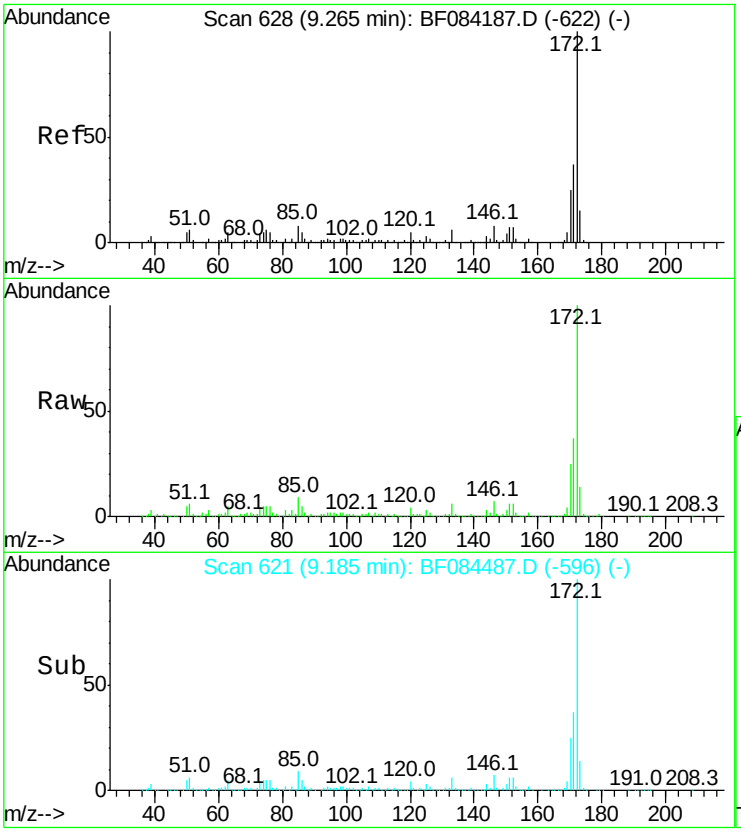


#41
2,4,6-Tribromophenol
Concen: 6.43 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:330 Resp: 21832

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	114.8
141	96.1	27.8	41.6#



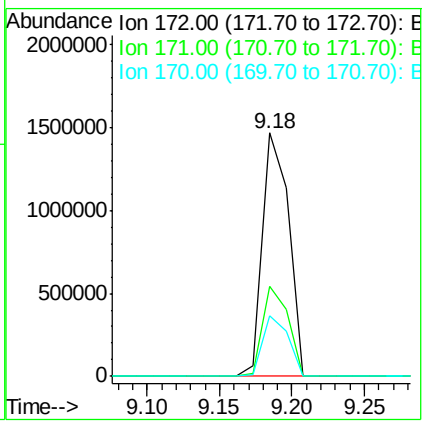


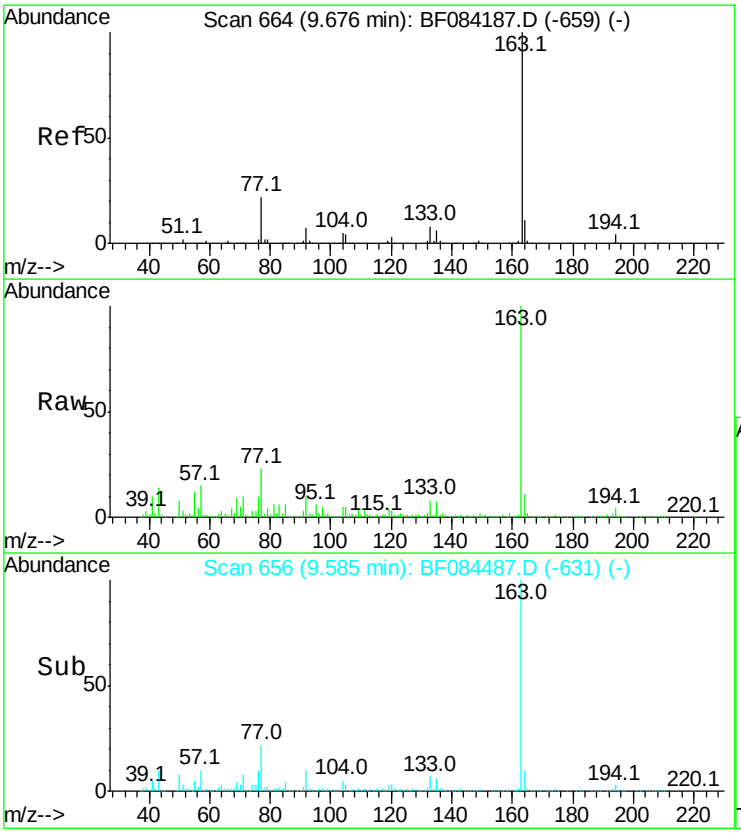
#44
2-Fluorobiphenyl
Concen: 96.85 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1835025

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.8	18.6	27.8

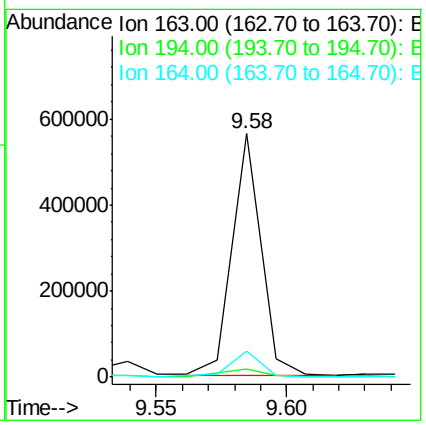


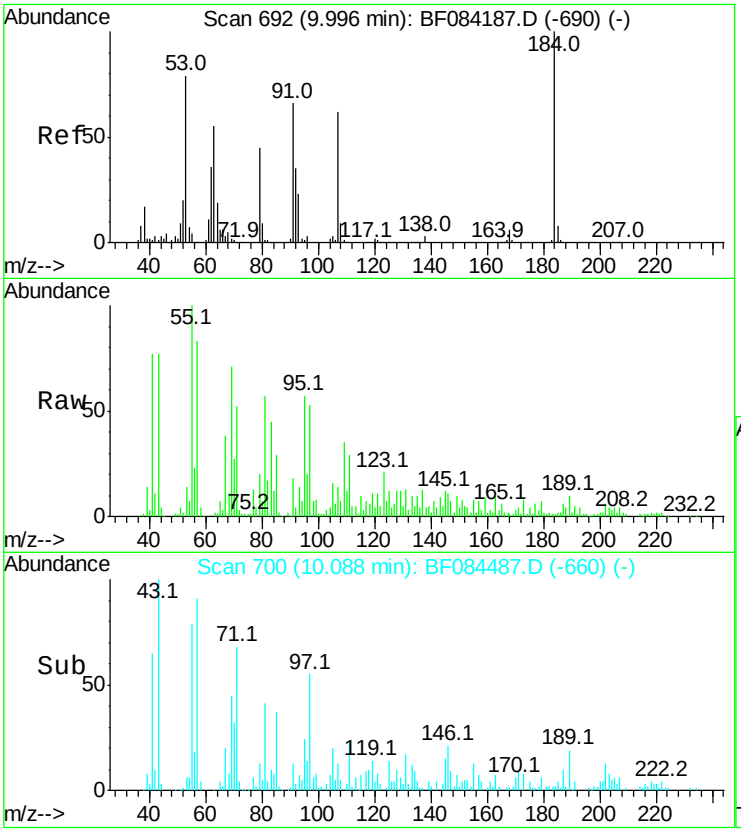


#49
Dimethylphthalate
Concen: 18.21 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:163 Resp: 437948

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	10.6	8.0	12.0



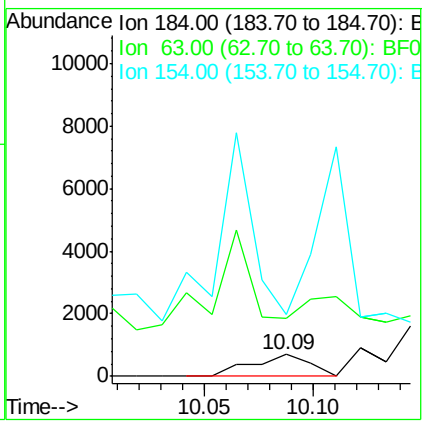


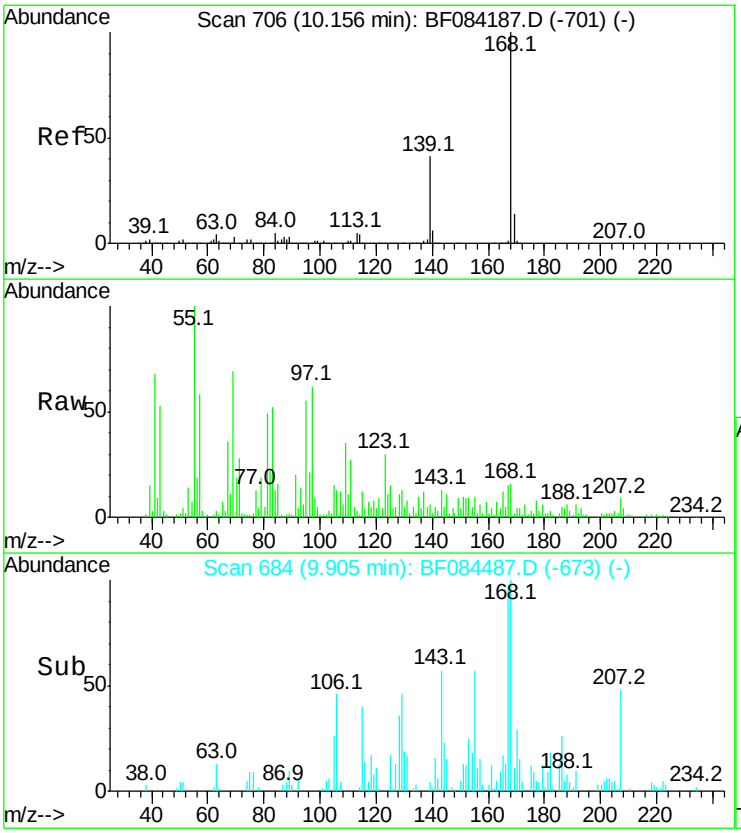
#53
2,4-Dinitrophenol
Concen: 4.10 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.16 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1270

Ion	Ratio	Lower	Upper
184	100		
63	267.9	43.1	64.7#
154	284.5	60.5	90.7#

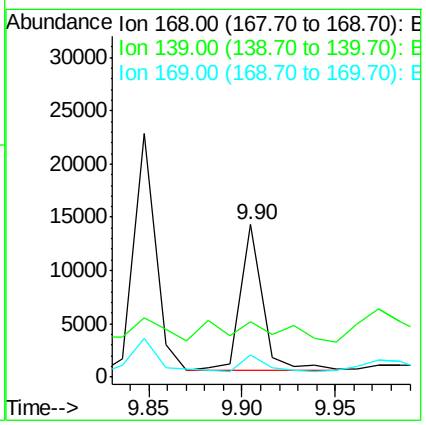


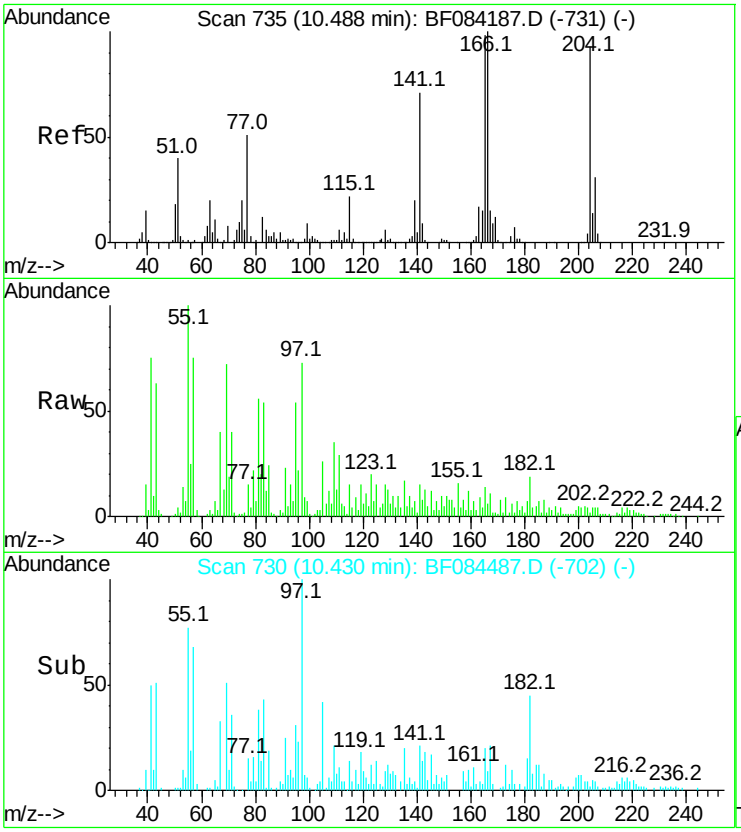


#54
Dibenzofuran
Concen: Below Cal
RT: 9.90 min Scan# 684
Delta R.T. -0.17 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:168 Resp: 11376

Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.5	45.7
169	14.6	10.4	15.6



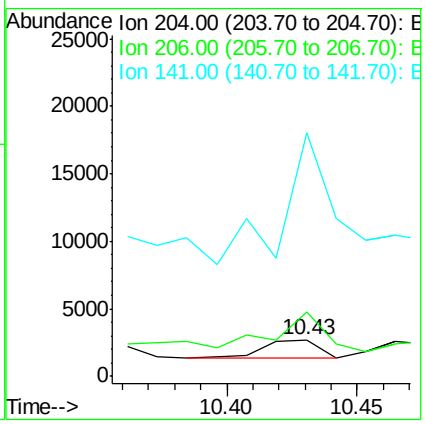


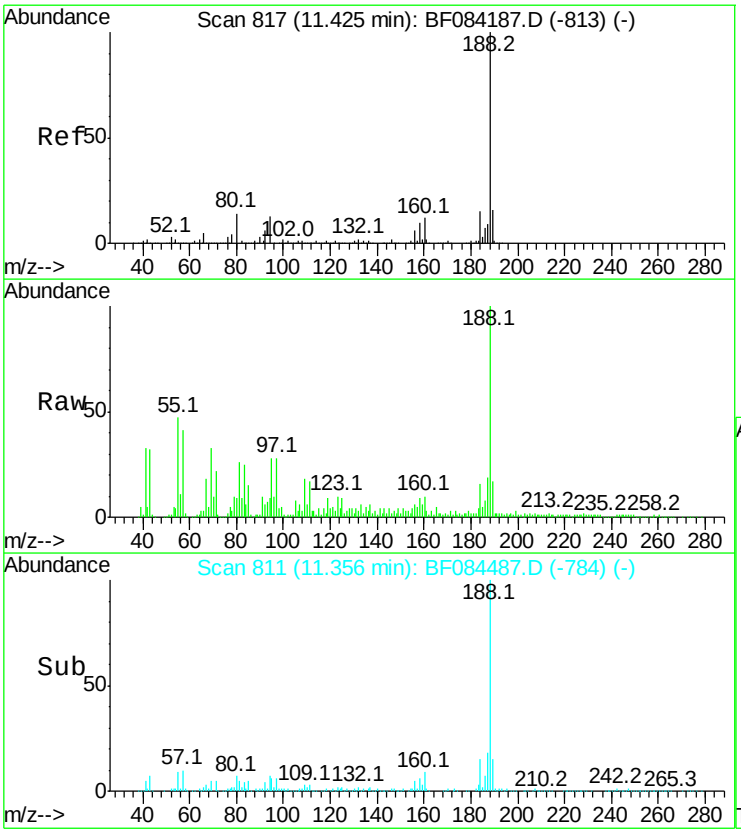
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.43 min Scan# 730
Delta R.T. 0.02 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 2084

Ion	Ratio	Lower	Upper
204	100		
206	175.0	25.7	38.5#
141	667.1	55.1	82.7#

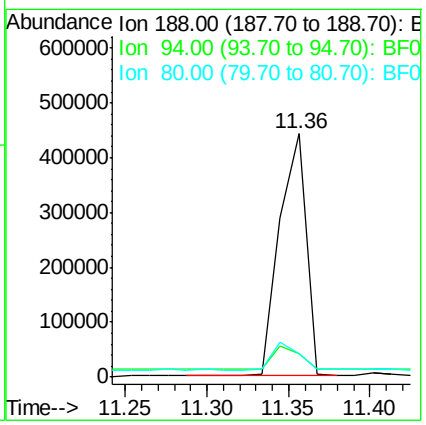


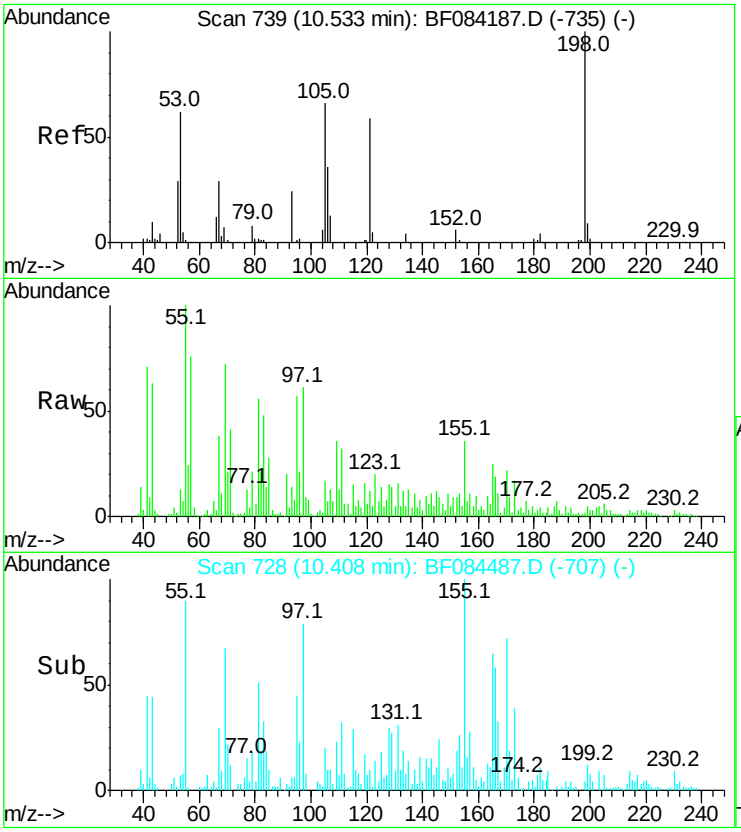


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:188 Resp: 507705

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.4	9.6	14.4#



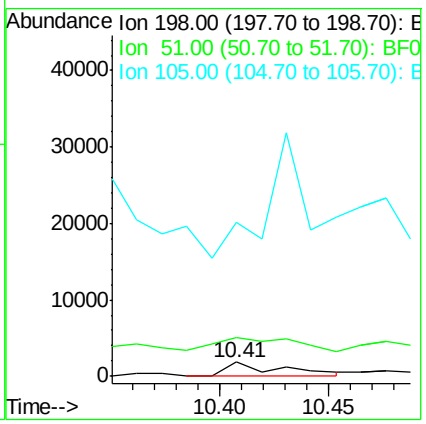


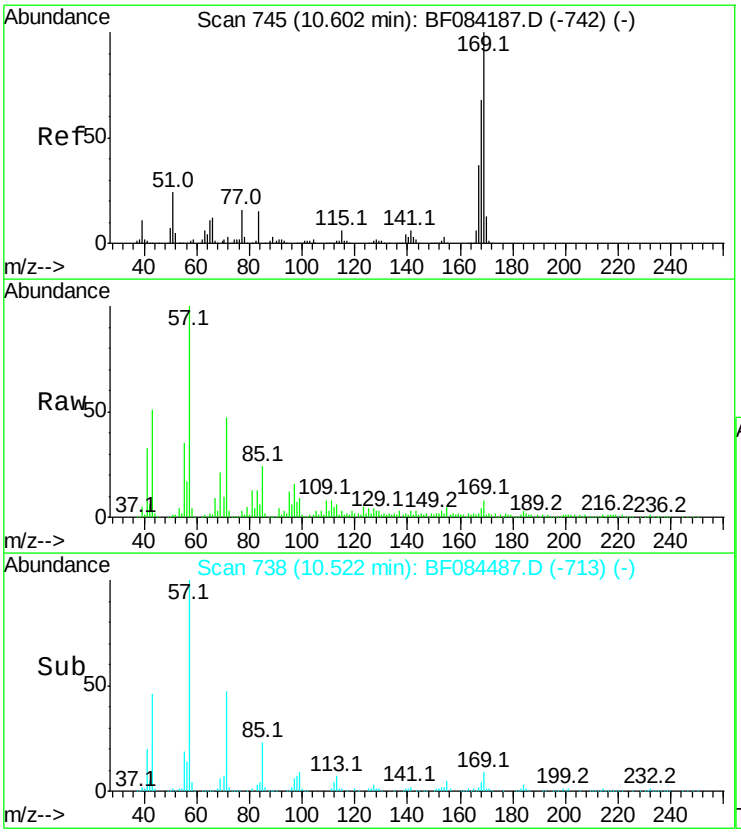
#64
4,6-Dinitro-2-methylphenol
Concen: 7.20 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.06 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 3295

Ion	Ratio	Lower	Upper
198	100		
51	275.6	18.9	58.9#
105	1095.3	26.4	66.4#

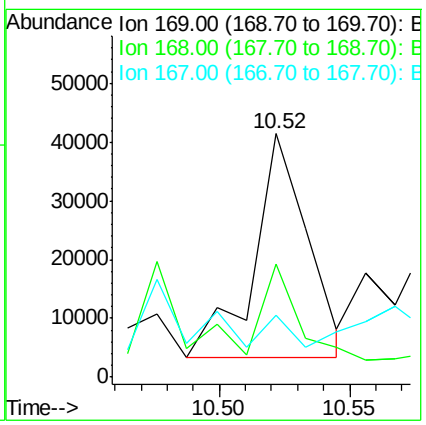


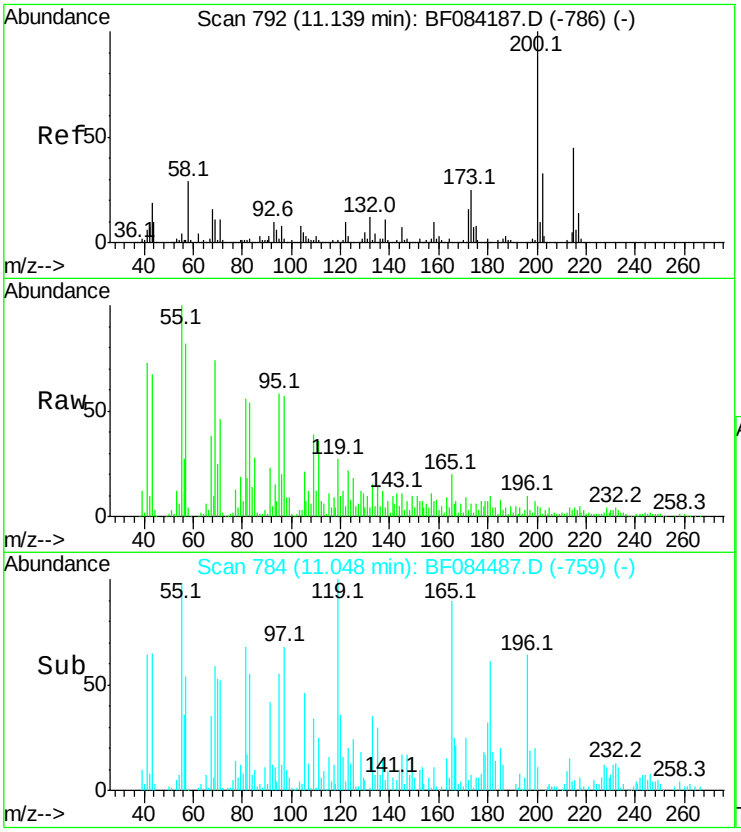


#65
n-Nitrosodiphenylamine
Concen: 3.39 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:169 Resp: 55025

Ion	Ratio	Lower	Upper
169	100		
168	46.4	55.1	82.7#
167	25.5	30.0	45.0#



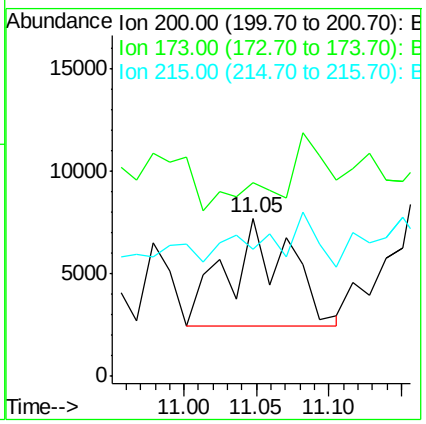


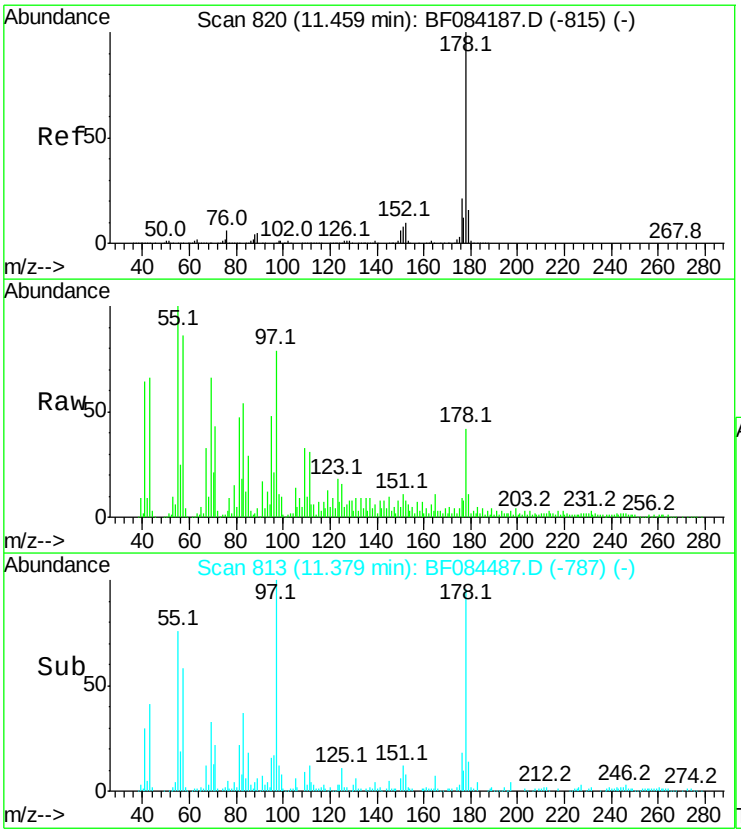
#68
Atrazine
Concen: 2.87 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 15231

Ion	Ratio	Lower	Upper
200	100		
173	123.0	9.5	49.5#
215	80.1	23.8	63.8#

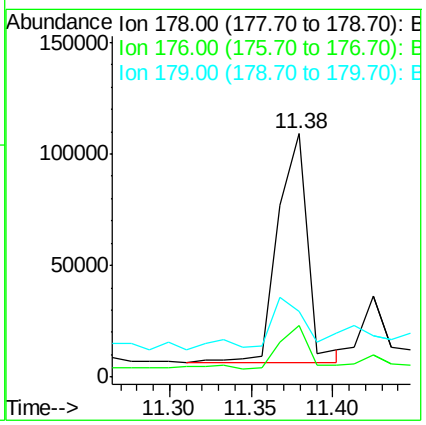


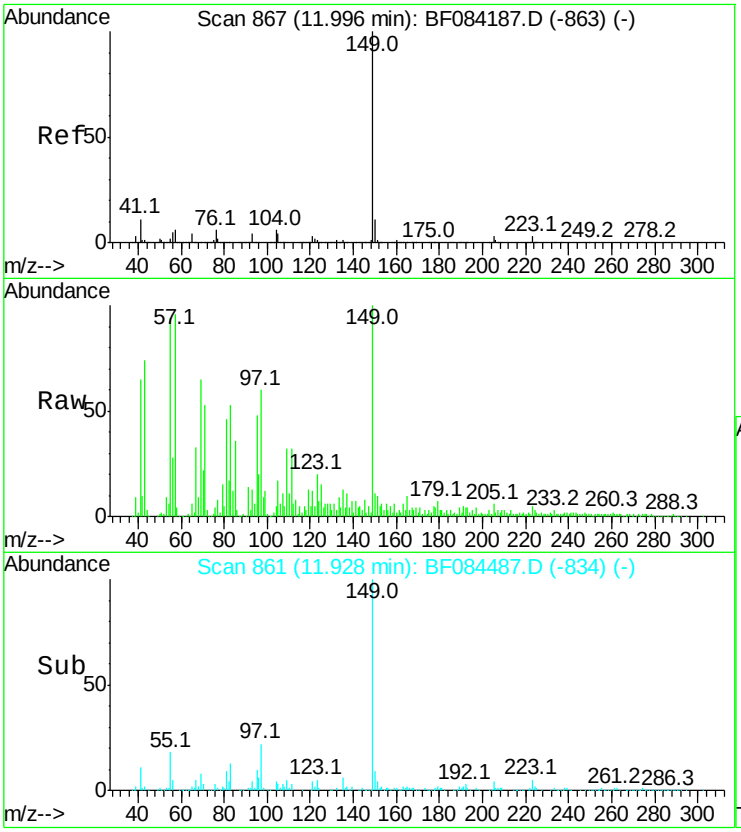


#70
Phenanthrene
Concen: 4.94 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:178 Resp: 131278

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.3	22.9
179	26.8	12.0	18.0#



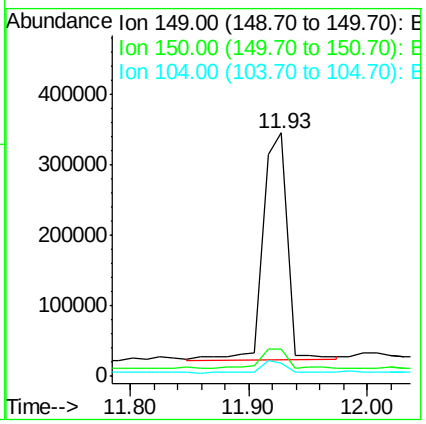


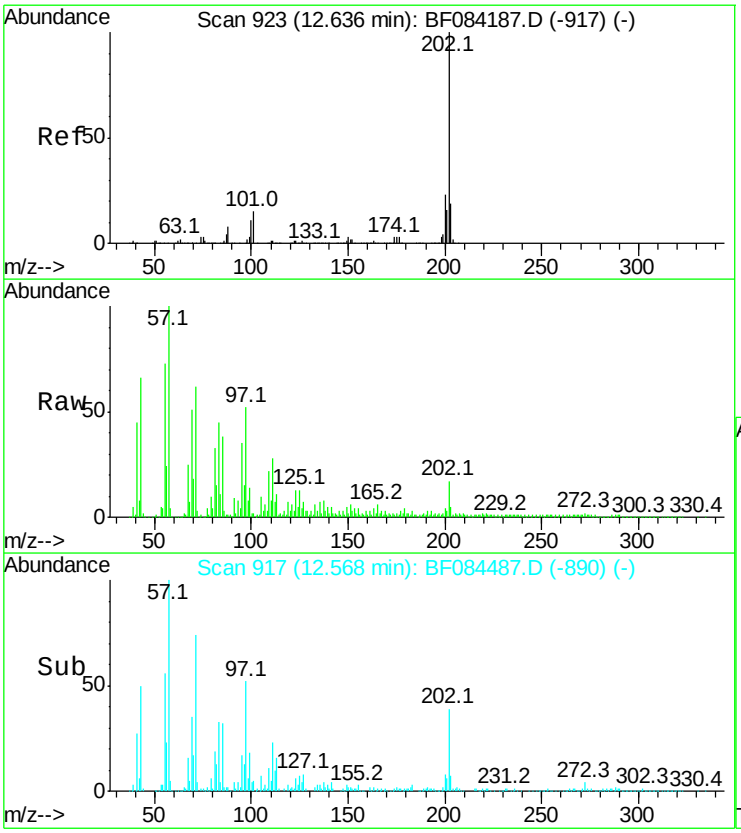
#73
Di-n-butylphthalate
Concen: 12.73 ng
RT: 11.93 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 459181

Ion	Ratio	Lower	Upper
149	100		
150	11.4	7.1	10.7#
104	5.4	3.2	4.8#

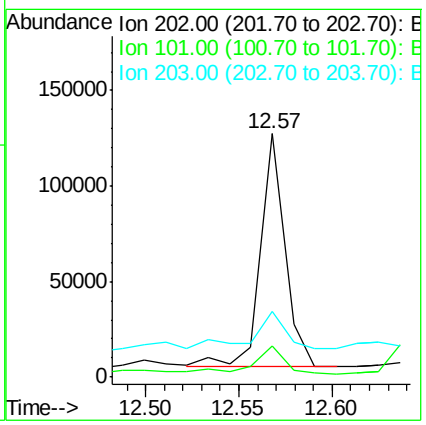


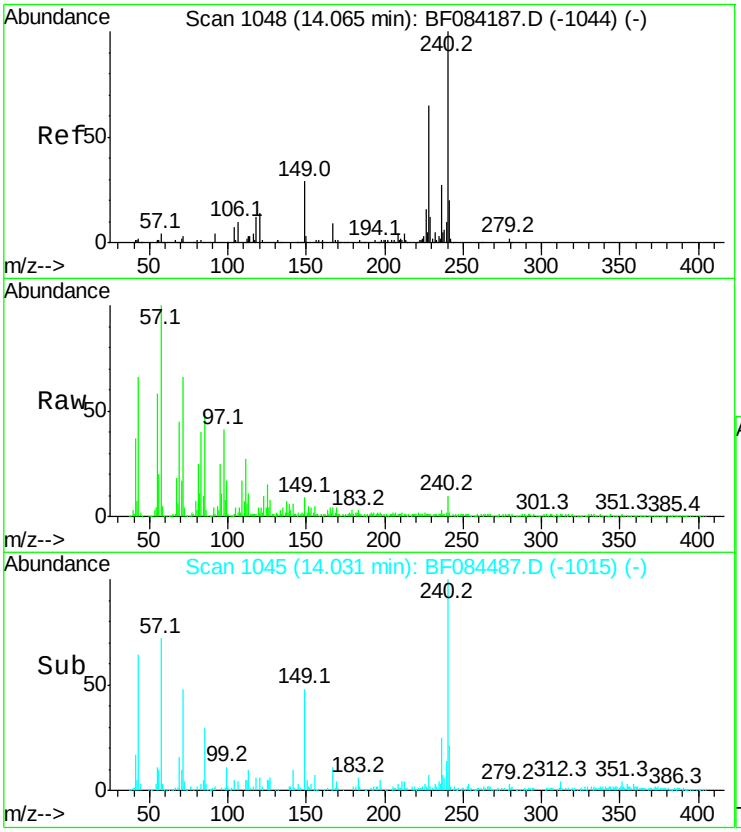


#74
Fluoranthene
Concen: 3.97 ng
RT: 12.57 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:202 Resp: 110271

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.8
203	27.1	0.0	37.9



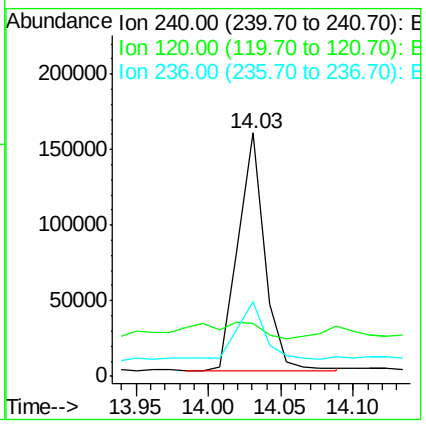


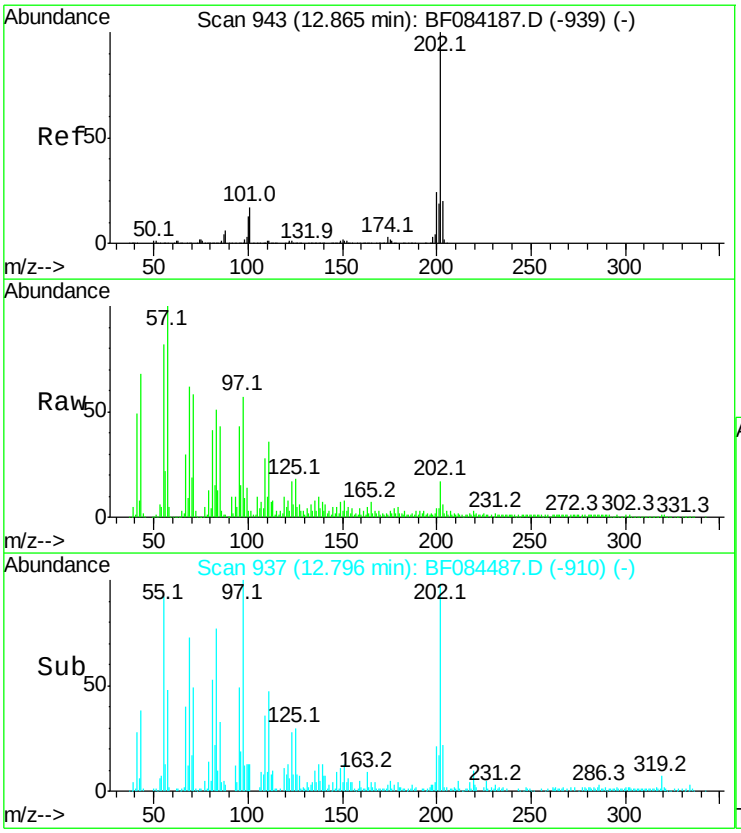
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.05 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 198769

Ion	Ratio	Lower	Upper
240	100		
120	21.6	9.5	14.3#
236	30.9	20.6	31.0

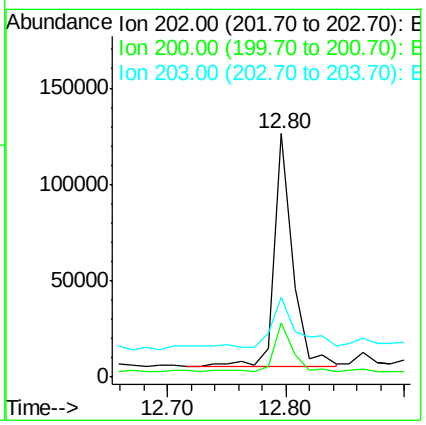


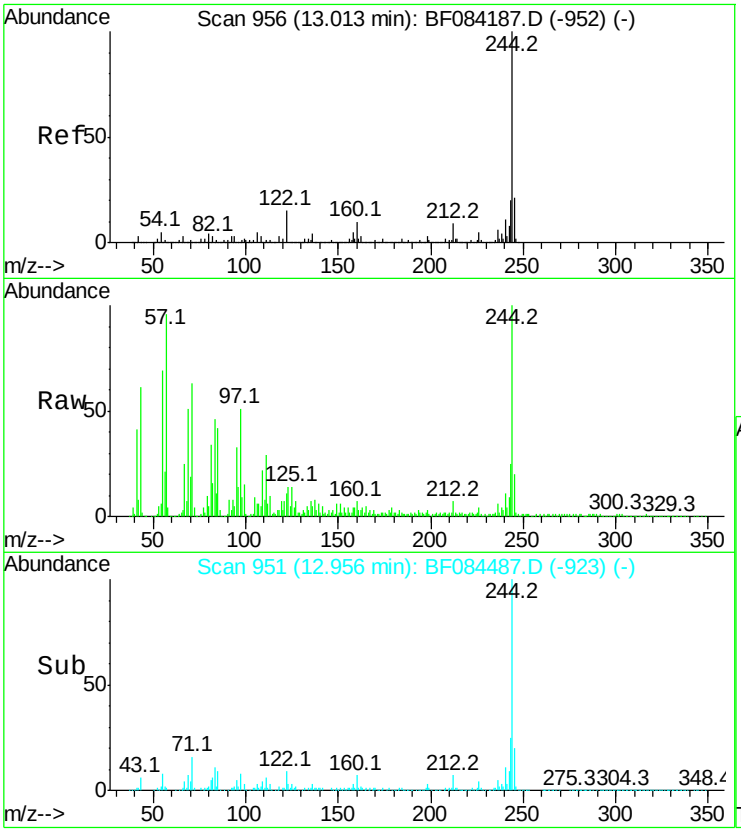


#77
Pyrene
Concen: 8.20 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:202 Resp: 127833

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	32.6	14.3	21.5#



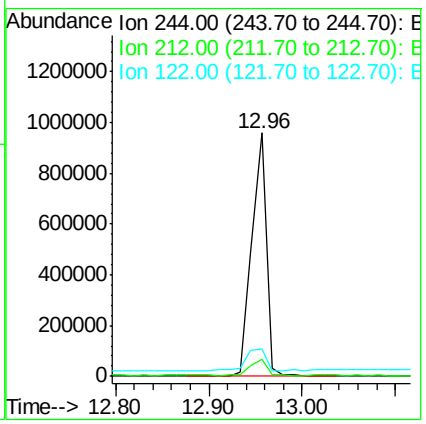


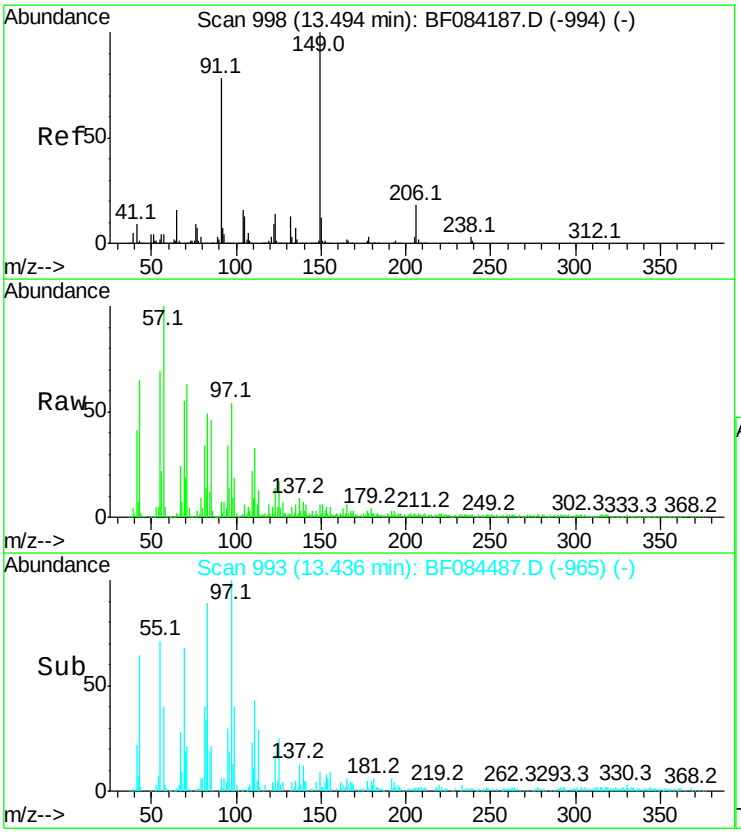
#78
Terphenyl-d14
Concen: 114.81 ng
RT: 12.96 min Scan# 951
Delta R.T. 0.02 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1022316

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.2	7.4	11.0#

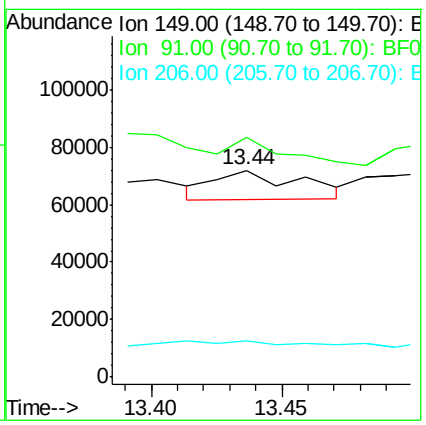


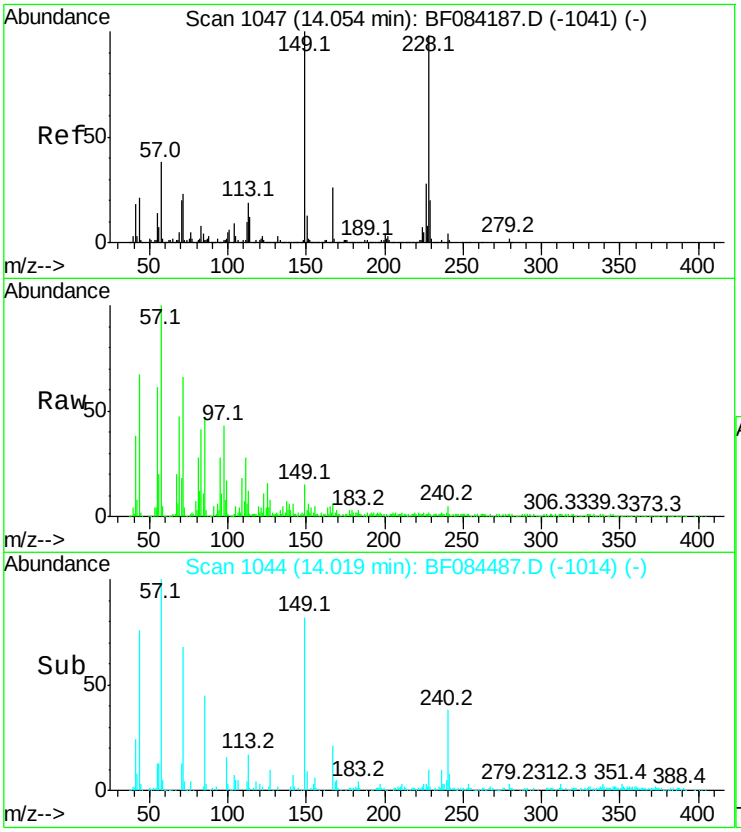


#79
Butylbenzylphthalate
Concen: 3.34 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.02 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:149 Resp: 22524

Ion	Ratio	Lower	Upper
149	100		
91	115.8	57.6	86.4#
206	17.5	13.2	19.8



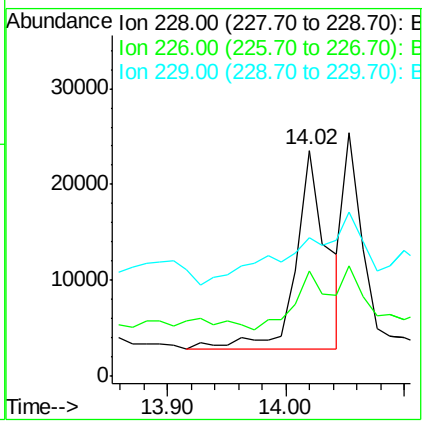


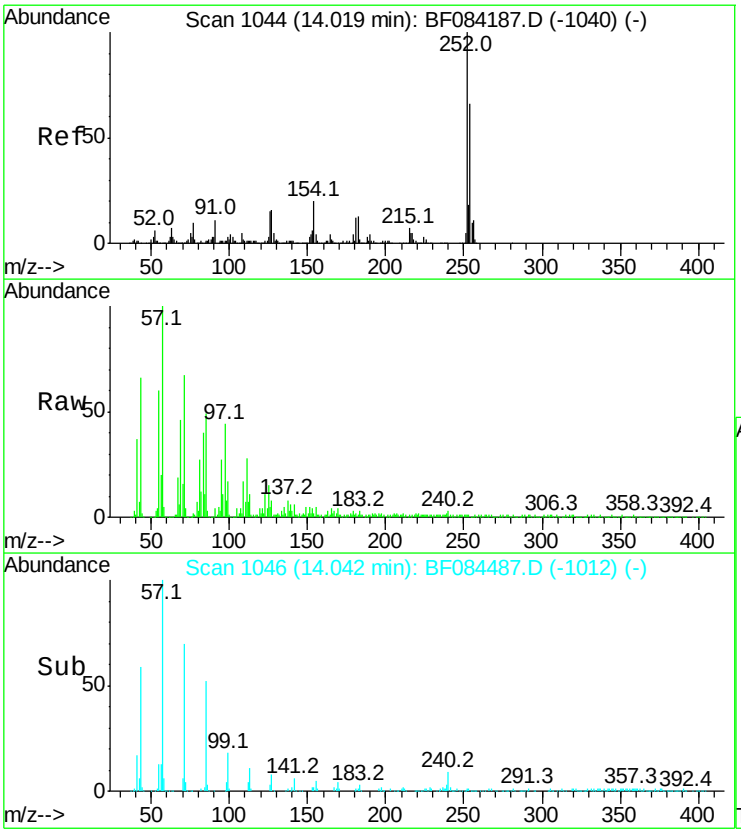
#80
Benzo(a)anthracene
Concen: 3.26 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.05 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 38034

Ion	Ratio	Lower	Upper
228	100		
226	46.4	21.8	32.6#
229	61.5	15.8	23.8#

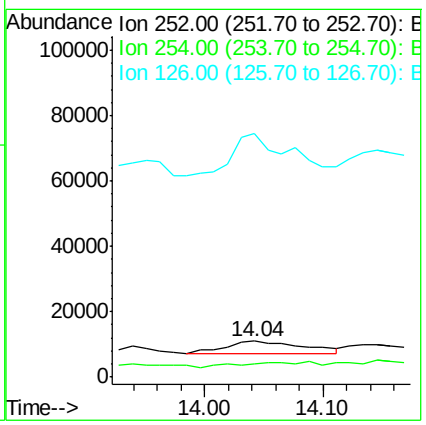


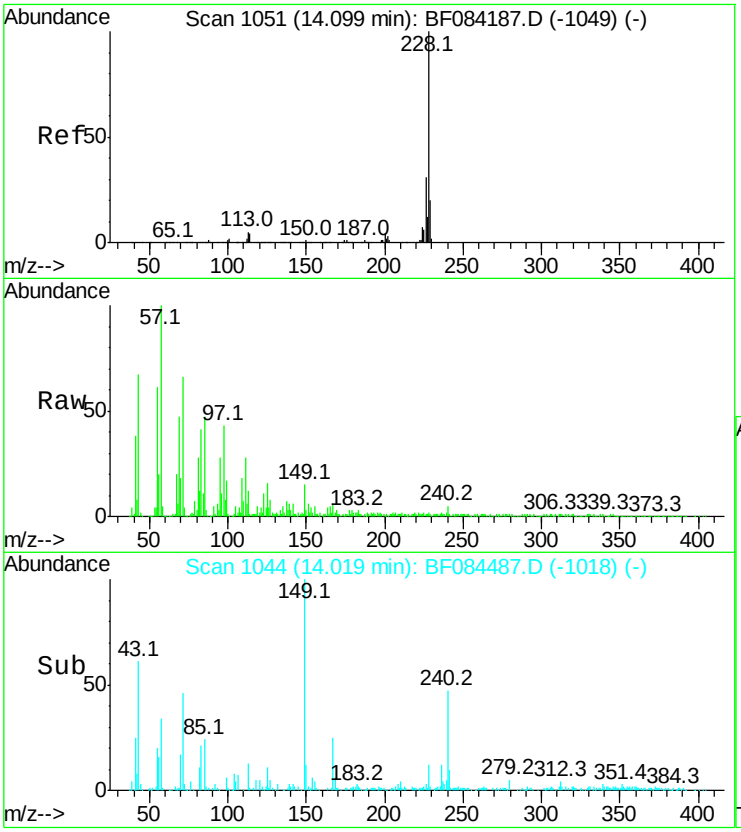


#81
3,3'-Dichlorobenzidine
Concen: 4.30 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.09 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:252 Resp: 17523

Ion	Ratio	Lower	Upper
252	100		
254	37.9	53.5	80.3#
126	675.9	4.9	7.3#



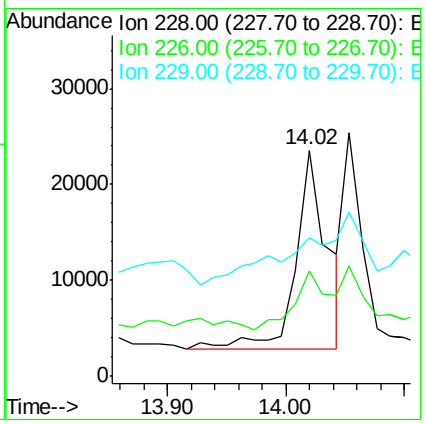


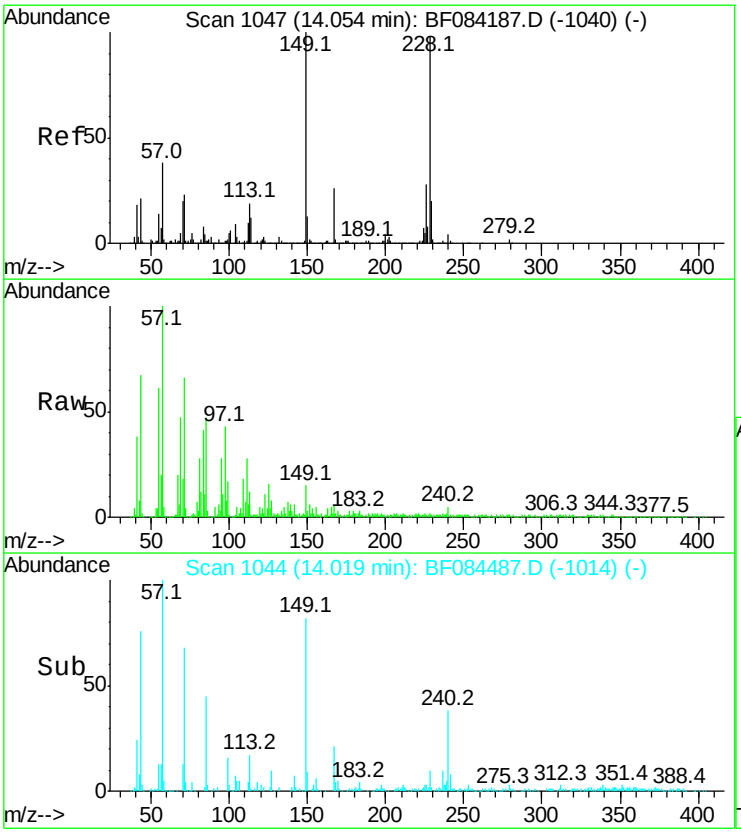
#82
Chrysene
Concen: 3.39 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 38034

Ion	Ratio	Lower	Upper
228	100		
226	46.4	24.3	36.5#
229	61.5	16.1	24.1#

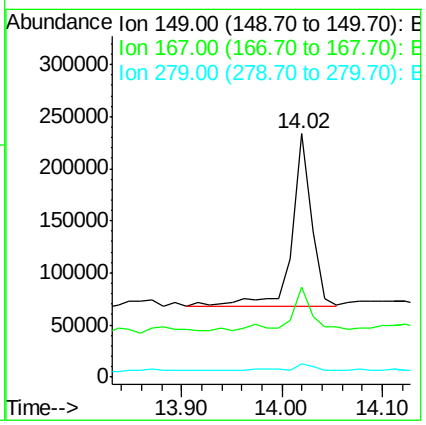


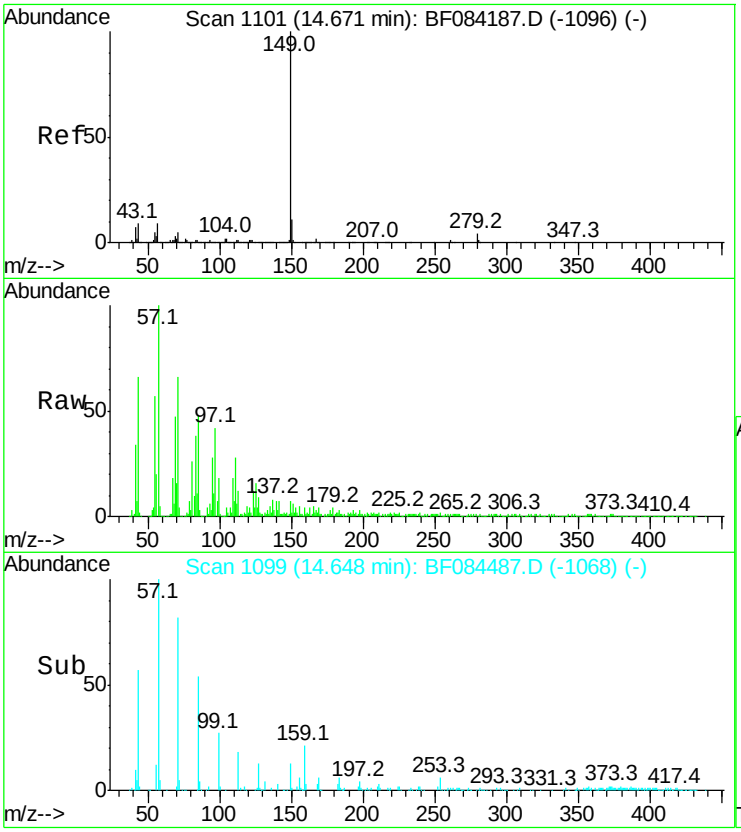


#83
Bis(2-ethylhexyl)phthalate
Concen: 26.03 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.05 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:149 Resp: 221967

Ion	Ratio	Lower	Upper
149	100		
167	36.7	19.7	29.5#
279	5.5	1.8	2.6#



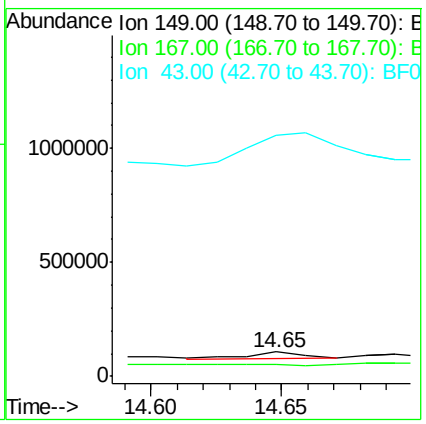


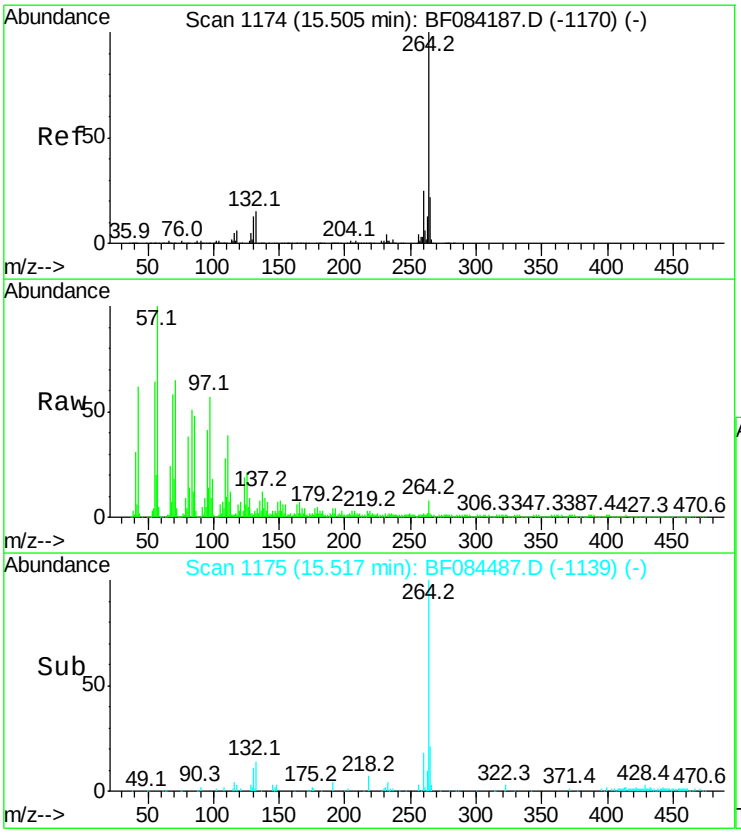
#84
Di-n-octyl phthalate
Concen: 2.99 ng
RT: 14.65 min Scan# 1099
Delta R.T. 0.06 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 43095

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	878.7	5.6	8.4#

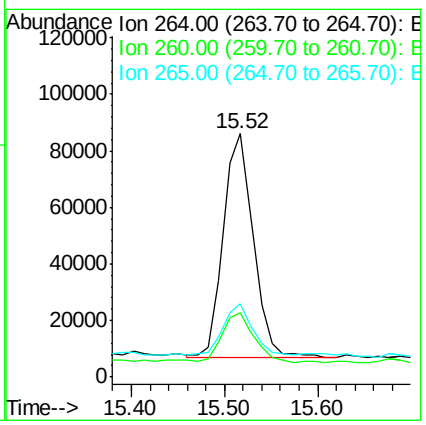


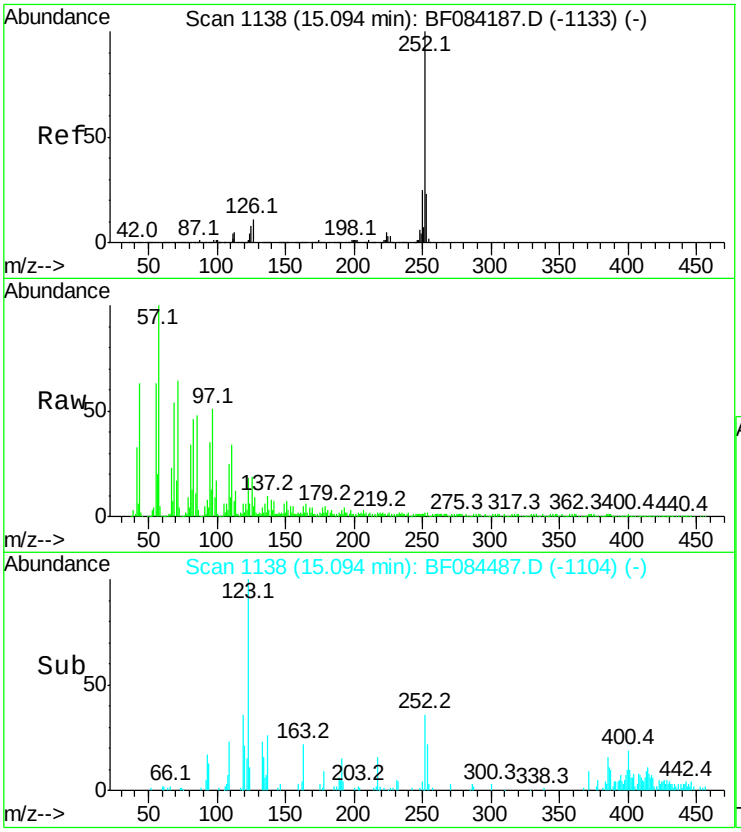


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.11 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:264 Resp: 179245

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.4	29.2
265	29.9	17.8	26.6#



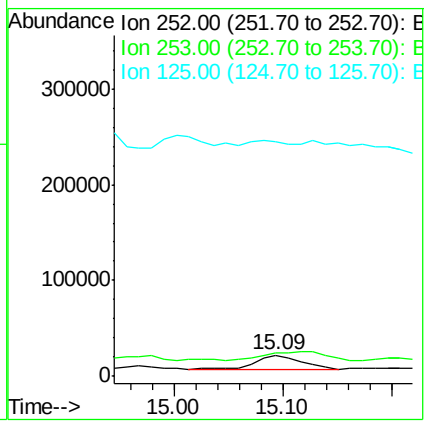


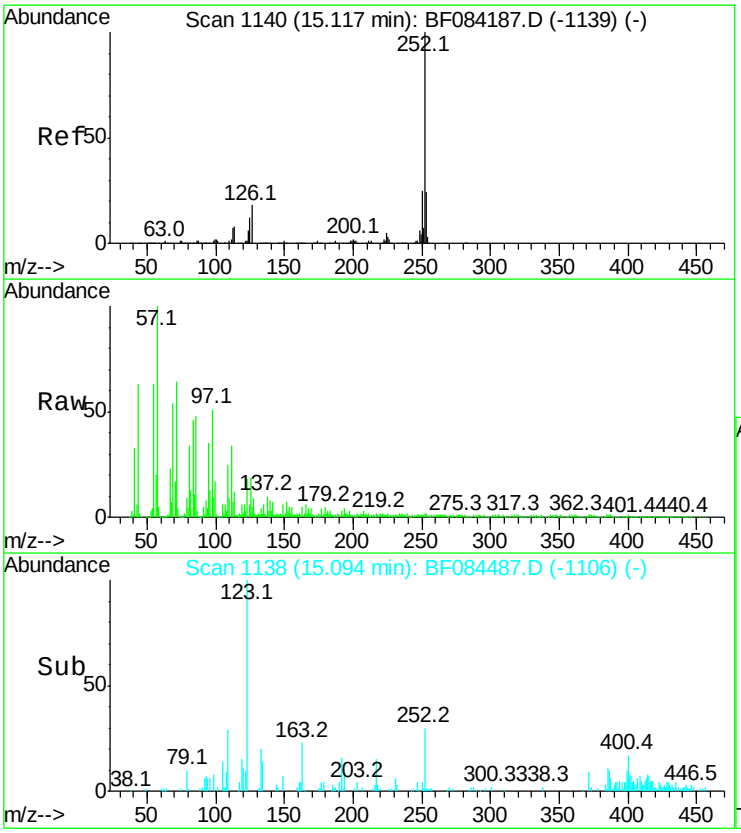
#87
Benzo(b)fluoranthene
Concen: 3.30 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.09 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 38676

Ion	Ratio	Lower	Upper
252	100		
253	109.4	17.3	25.9#
125	1116.7	6.5	9.7#

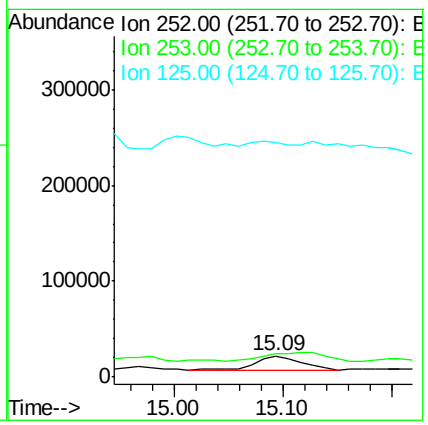


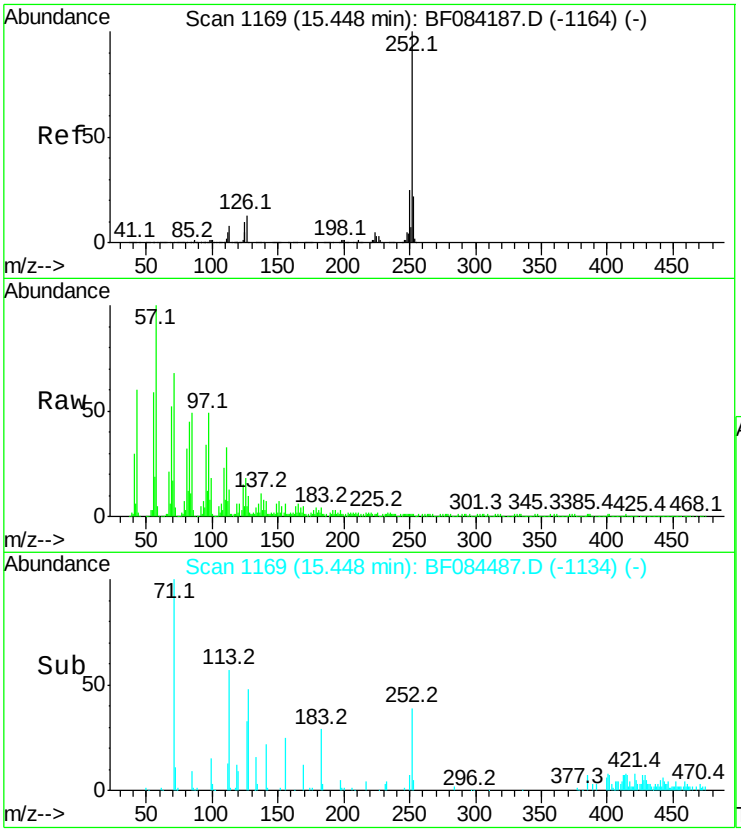


#88
Benzo(k)fluoranthene
Concen: 4.11 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.07 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:252 Resp: 39372

Ion	Ratio	Lower	Upper
252	100		
253	109.4	18.1	27.1#
125	1116.7	9.0	13.6#



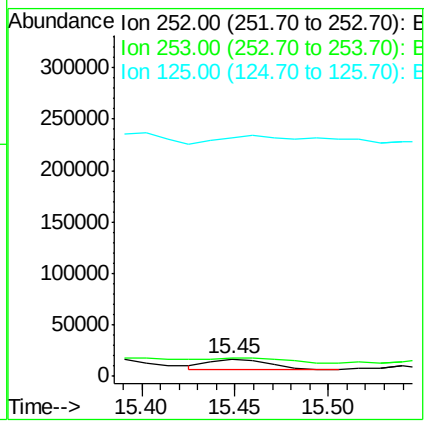


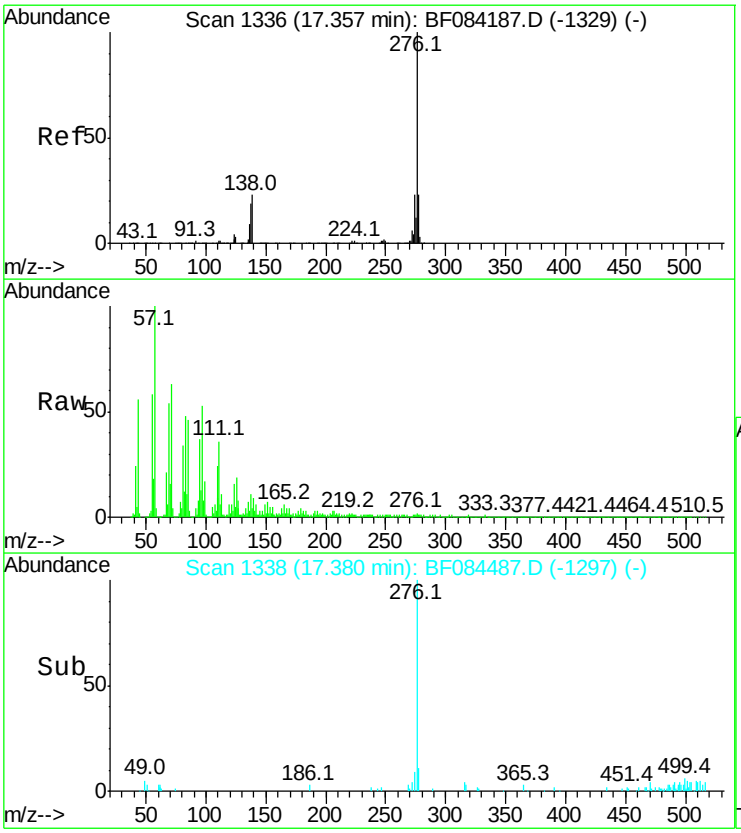
#89
Benzo(a)pyrene
Concen: 2.24 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.10 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22309

Ion	Ratio	Lower	Upper
252	100		
253	109.4	17.3	25.9#
125	1402.1	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 3.30 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.17 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:276 Resp: 29252

Ion	Ratio	Lower	Upper
276	100		
277	69.1	18.8	28.2#
138	215.5	17.8	26.6#