Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-002(0-2)

Quant Time: Jan 20 00:00:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	216455	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	772723	20.00	ng		-0.03
38) Acenaphthene-d10	9.84	164	394656	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	643670	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	419819	20.00	ng		-0.05
86) Perylene-d12	15.36	264	393496	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1358827	101.54	ng		-0.03
7) Phenol-d6	6.44	99	1769224	105.27	ng		-0.03
23) Nitrobenzene-d5	7.36	82	1004095	72.32	ng		-0.05
41) 2,4,6-Tribromophenol	10.62	330	368759	92.55	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	1598455	70.14	ng		-0.03
78) Terphenyl-d14	12.90	244	1144863	60.87	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	34084	3.11	ng		84
18) Hexachloroethane	7.26	117	28681	4.57	ng	#	1
22) Acetophenone	7.20	105	65260	3.51	ng	#	52
31) Naphthalene	8.10	128	572201	16.32	ng	#	94
32) Benzoic acid	7.88	122	6927	6.97	ng	#	10
35) Caprolactam	8.51	113	44009	12.08	ng	#	1
37) 2-Methylnaphthalene	8.80	142	678729	26.97	ng		97
49) Dimethylphthalate	9.56	163	314197	11.14	ng	#	92
52) 3-Nitroaniline	9.79	138	17651	2.30	ng	#	12
53) 2,4-Dinitrophenol	9.88	184	245	3.65	ng	#	1
54) Dibenzofuran	10.04	168	43782	Below Cal		#	40
55) 4-Nitrophenol	9.94	139	12663	2.28	ng	#	20
57) Fluorene	10.38	166	46693	Below Cal		#	90
60) 4-Chlorophenyl-phenylether	10.38	204	1743	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.45	198	983	6.61	ng	#	1
65) n-Nitrosodiphenylamine	10.50	169	99790	4.85	ng	#	39
70) Phenanthrene	11.34	178	231732	6.88	ng		97
71) Anthracene	11.34	178	231732	7.02	ng		97
73) Di-n-butylphthalate	11.86	149	4663	Below Cal		#	47
74) Fluoranthene	12.52	202	366412	10.42	ng		97
77) Pyrene	12.75	202	379334	11.51	ng		99
80) Benzo(a)anthracene	13.94	228	211497	8.58	ng	#	91
82) Chrysene	13.94	228	211497	8.93	ng		95
85) Indeno(1,2,3-cd)pyrene	16.71	276	121149	6.45	ng		97
87) Benzo(b)fluoranthene	14.96	252	323050	12.55	ng	#	96
88) Benzo(k)fluoranthene	14.96	252	323050	15.35	ng		98
89) Benzo(a)pyrene	15.30	252	152439	6.98	ng	#	96
91) Benzo(g,h,i)perylene	17.12	276	121322	6.24	ng		98

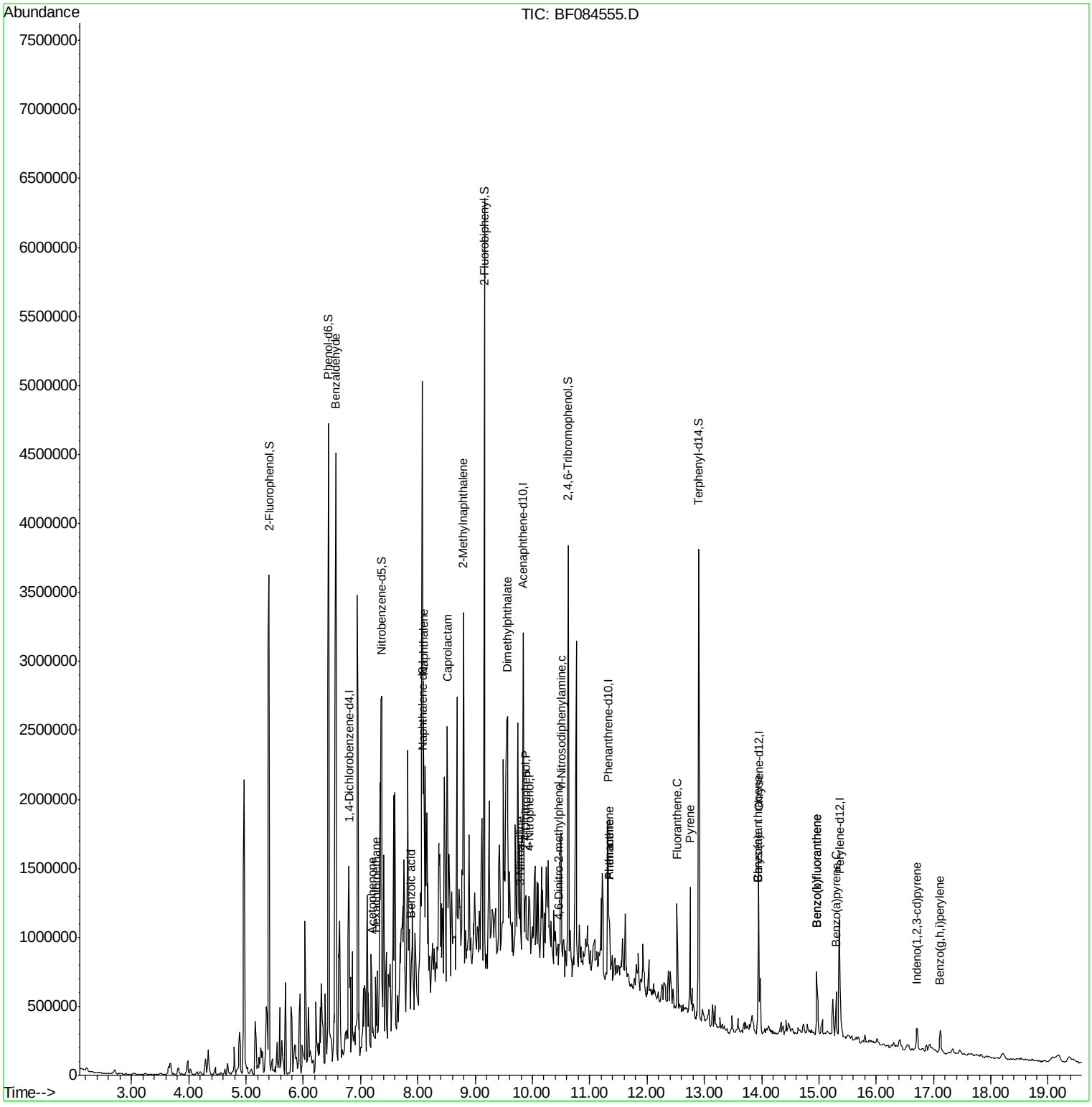
(#) = qualifier out of range (m) = manual integration (+) = signals summed

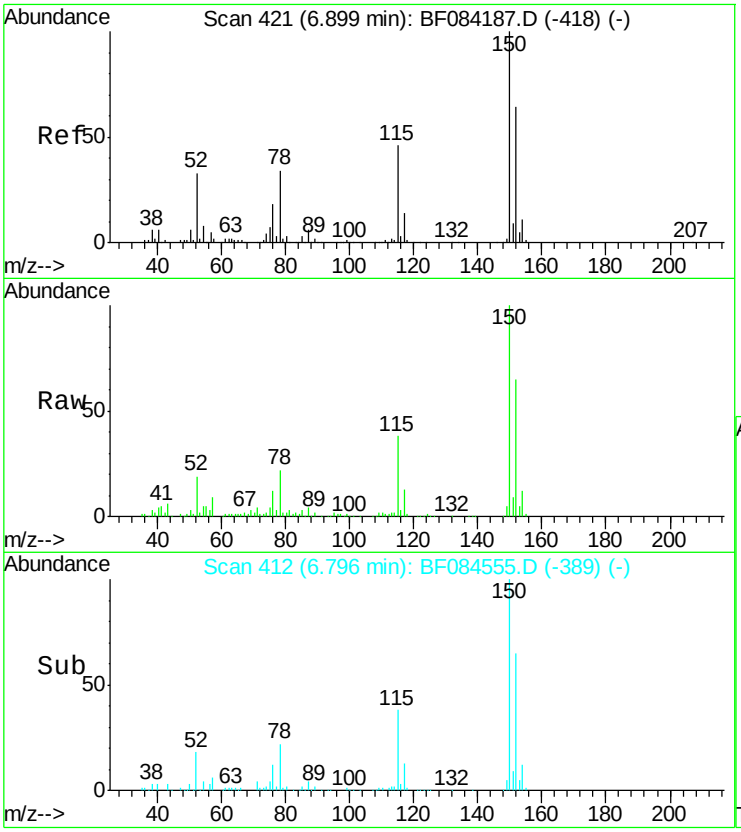
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Quant Time: Jan 20 00:00:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



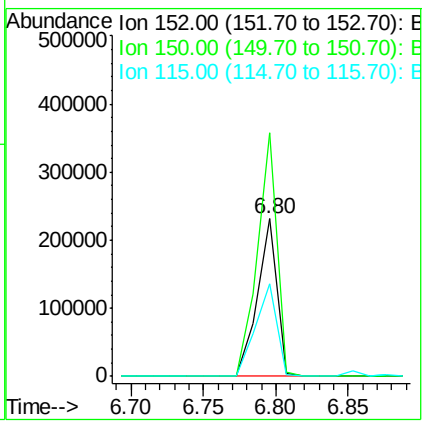


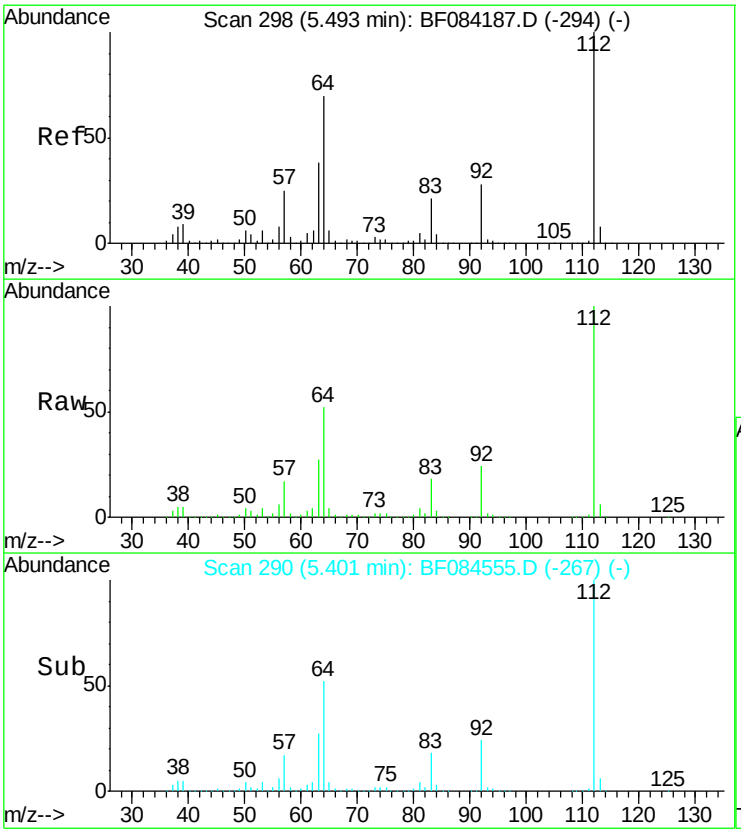
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:152 Resp: 216455

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.4
115	58.6	51.4	77.2

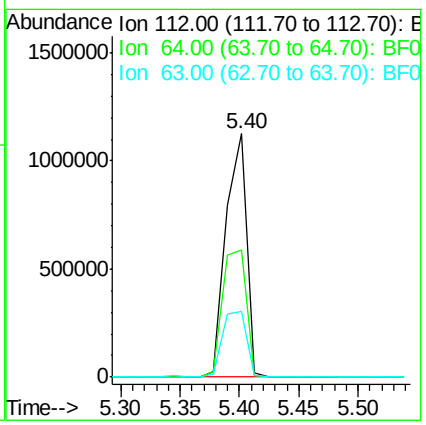


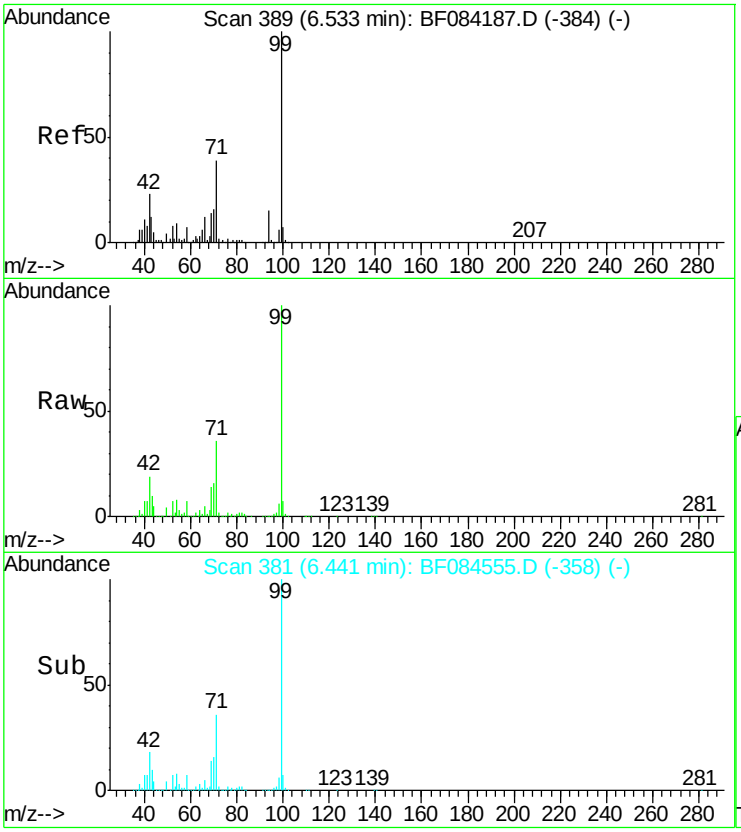


#5
2-Fluorophenol
Concen: 101.54 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:112 Resp: 1358827

Ion	Ratio	Lower	Upper
112	100		
64	52.4	36.6	55.0
63	27.0	19.4	29.0



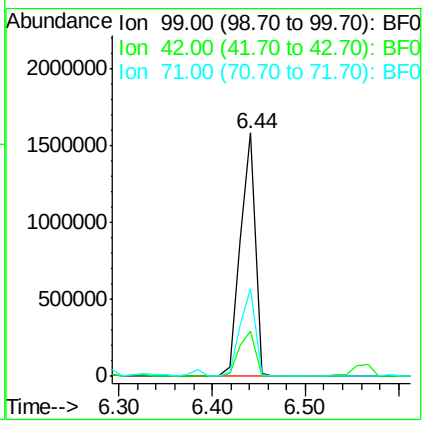


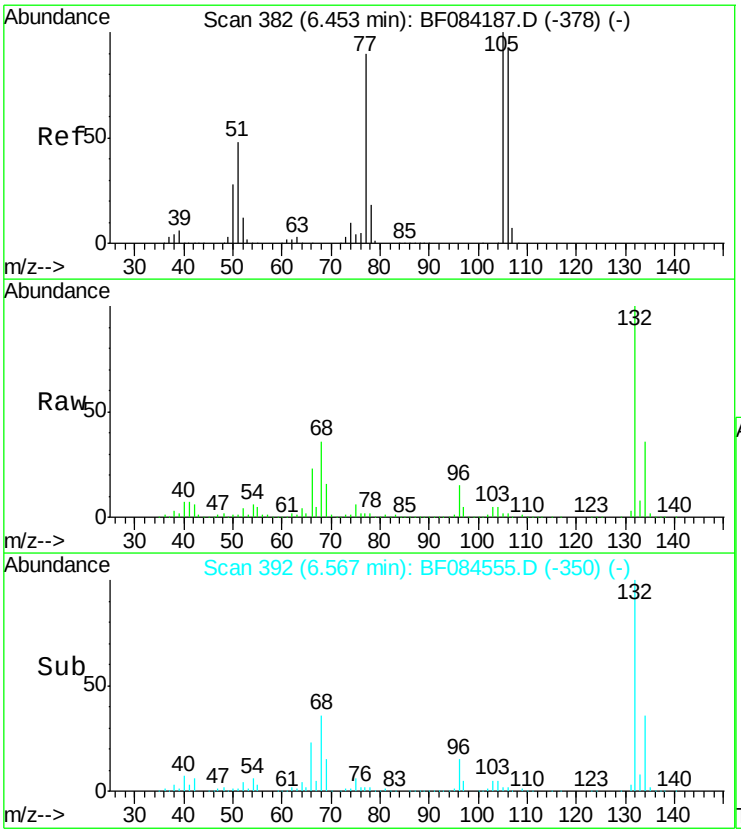
#7
Phenol-d6
Concen: 105.27 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion: 99 Resp: 1769224

Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.8	19.2
71	35.9	30.9	46.3

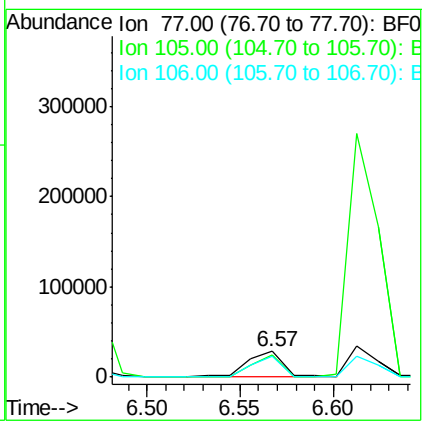


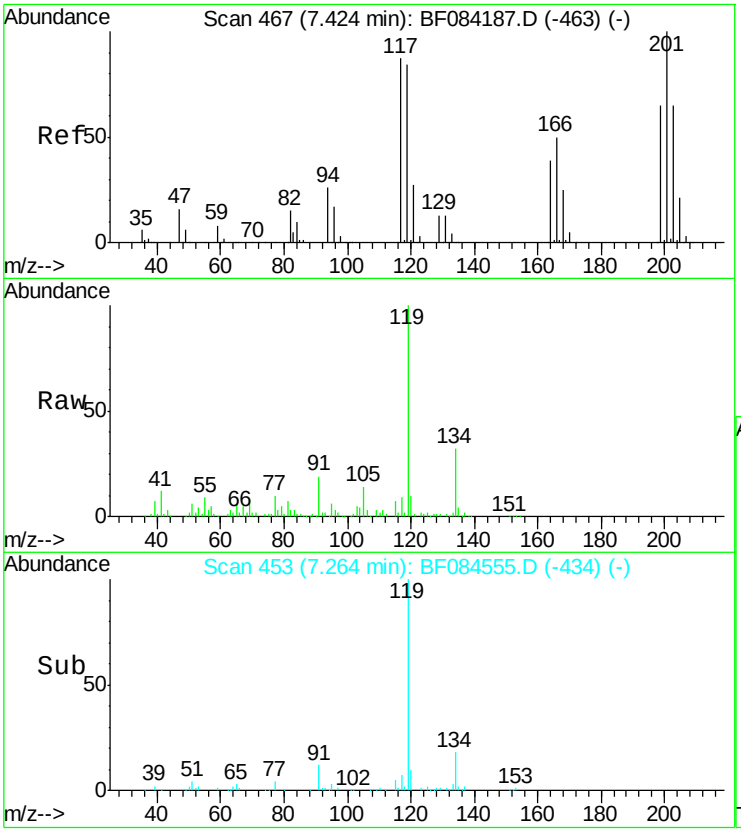


#9
Benzaldehyde
Concen: 3.11 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.18 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion: 77 Resp: 34084

Ion	Ratio	Lower	Upper
77	100		
105	85.7	83.0	123.0
106	79.9	74.6	114.6



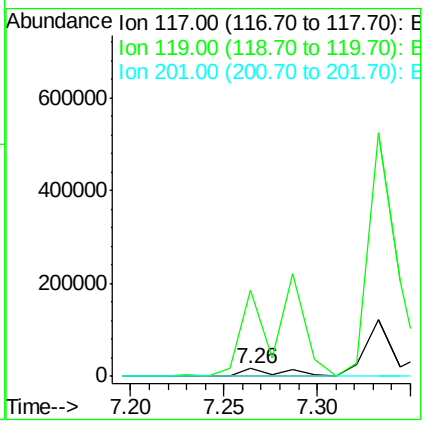


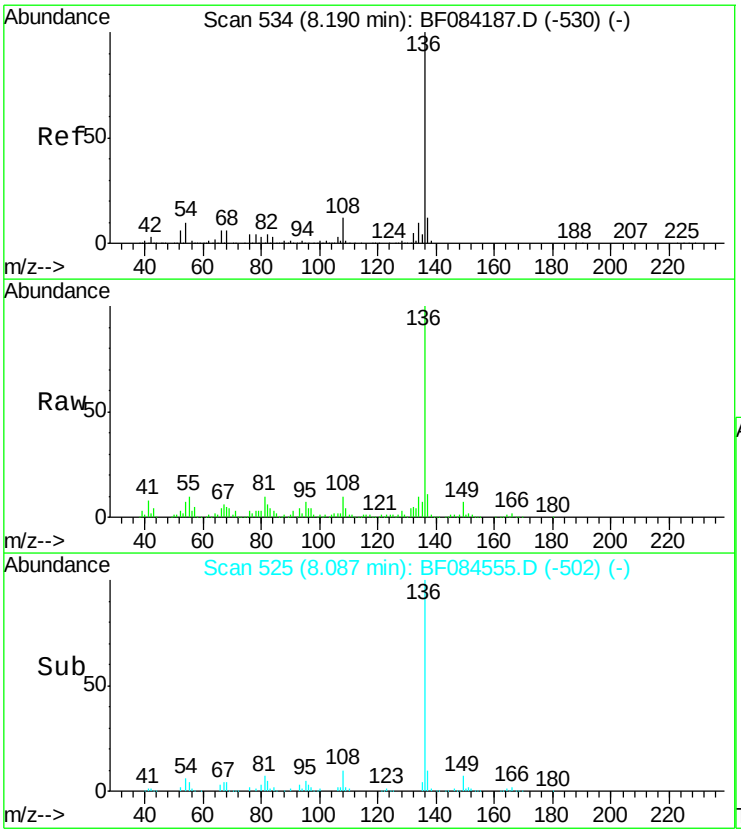
#18
Hexachloroethane
Concen: 4.57 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.08 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:117 Resp: 28681

Ion	Ratio	Lower	Upper
117	100		
119	1118.8	77.4	116.0#
201	0.0	68.6	103.0#

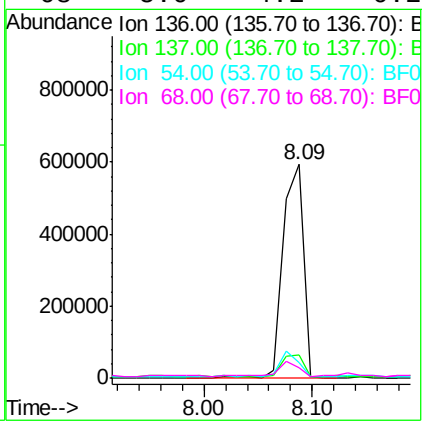


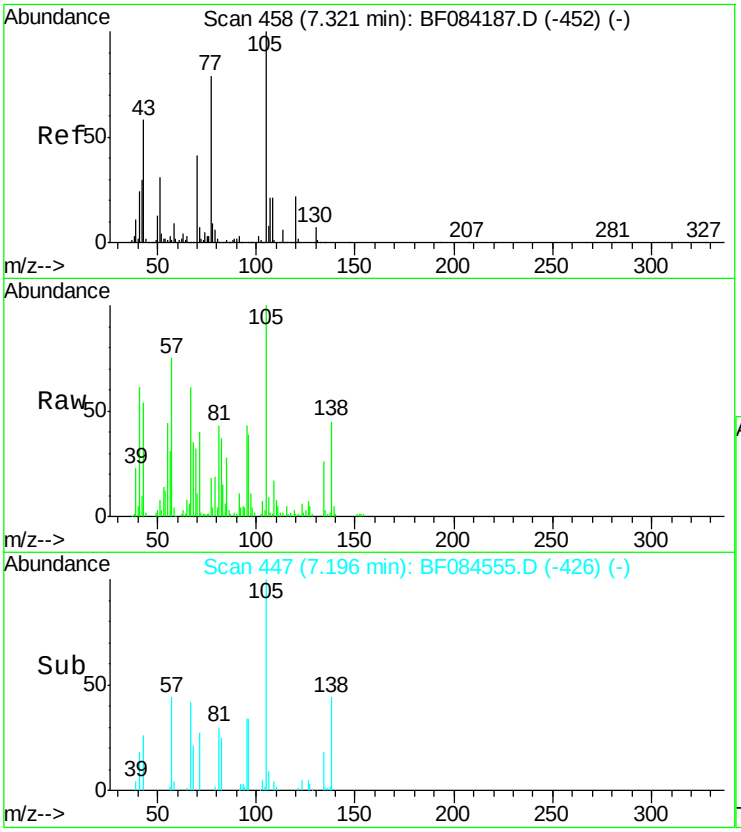


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:136 Resp: 772723

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.1	5.8	8.8
68	5.0	4.2	6.2



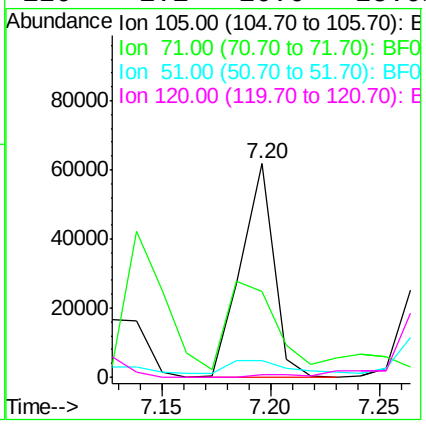


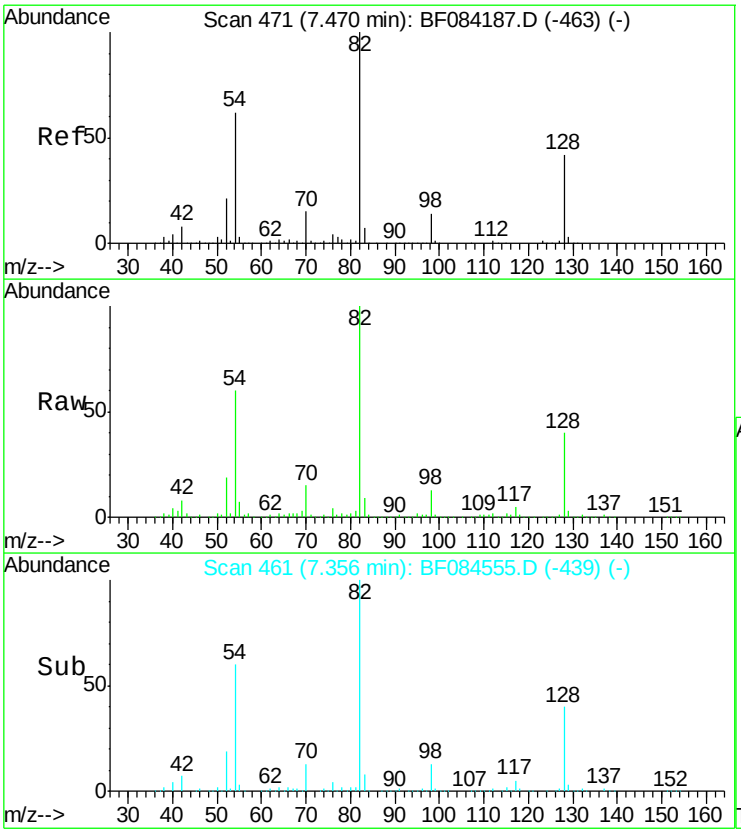
#22
Acetophenone
Concen: 3.51 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.06 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:105 Resp: 65260

Ion	Ratio	Lower	Upper
105	100		
71	40.3	3.7	5.5#
51	7.7	25.1	37.7#
120	1.1	16.6	25.0#

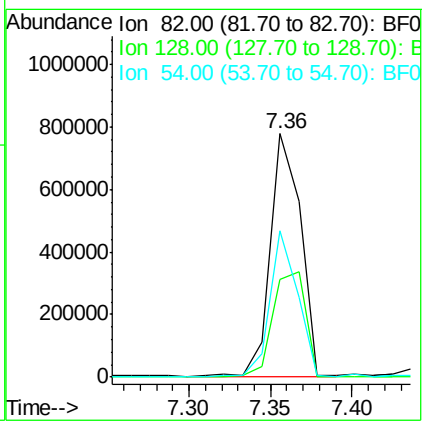


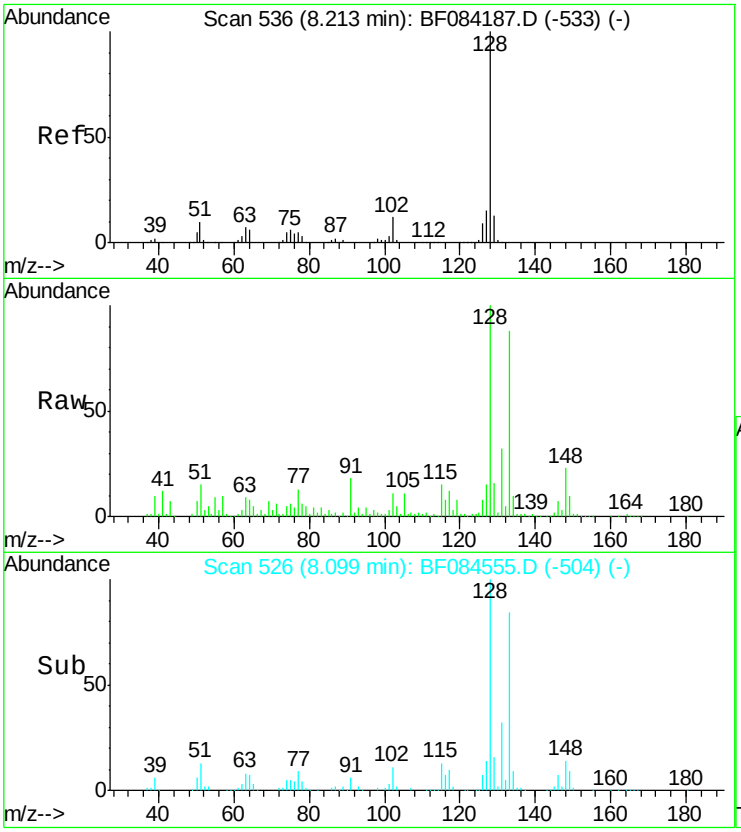


#23
Nitrobenzene-d5
Concen: 72.32 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion: 82 Resp: 1004095

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.6	51.8
54	60.3	38.4	57.6#



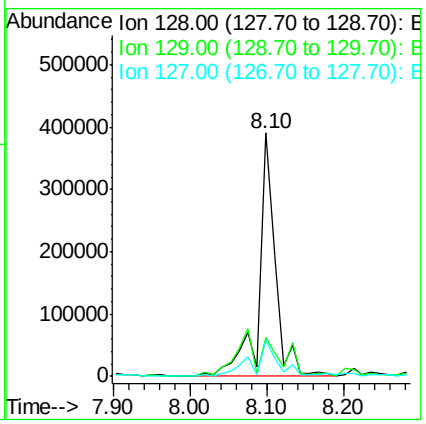


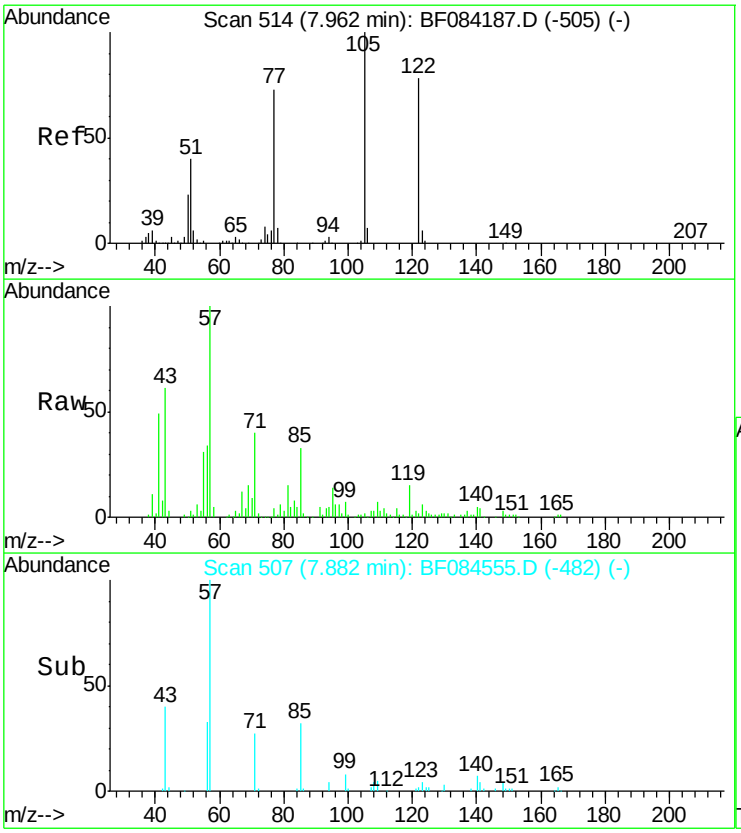
#31
Naphthalene
Concen: 16.32 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:128 Resp: 572201

Ion	Ratio	Lower	Upper
128	100		
129	15.9	9.1	13.7#
127	14.7	11.1	16.7

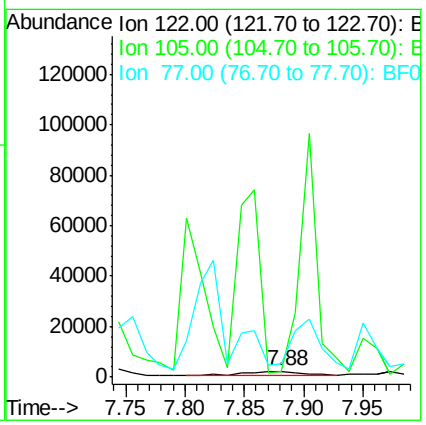


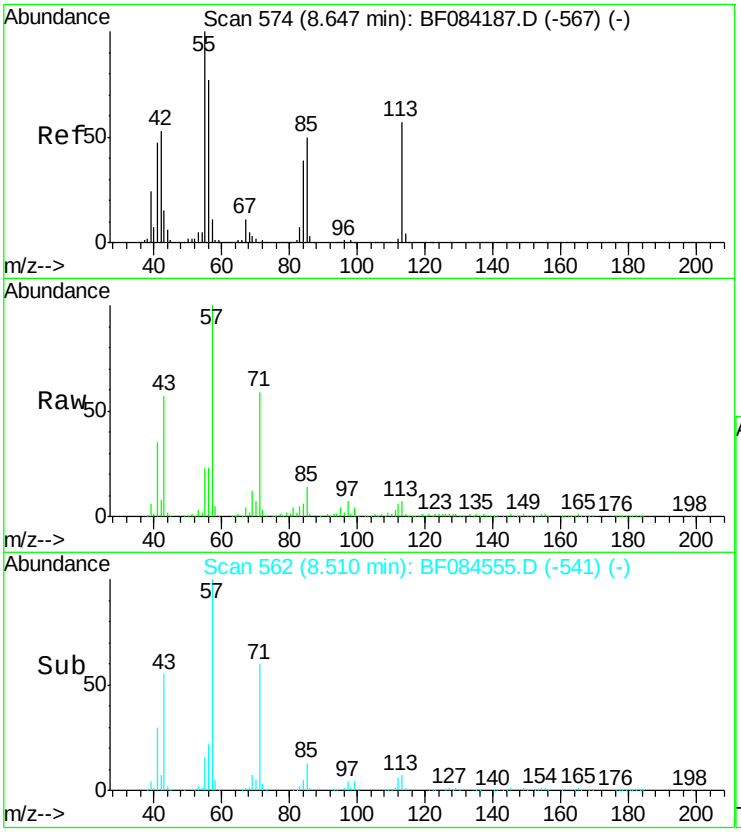


#32
Benzoic acid
Concen: 6.97 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:122 Resp: 6927

Ion	Ratio	Lower	Upper
122	100		
105	86.7	100.3	140.3#
77	241.7	63.5	103.5#



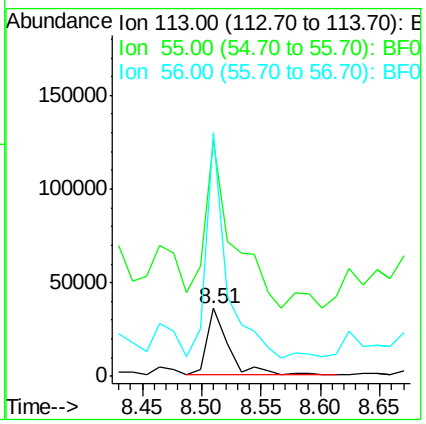


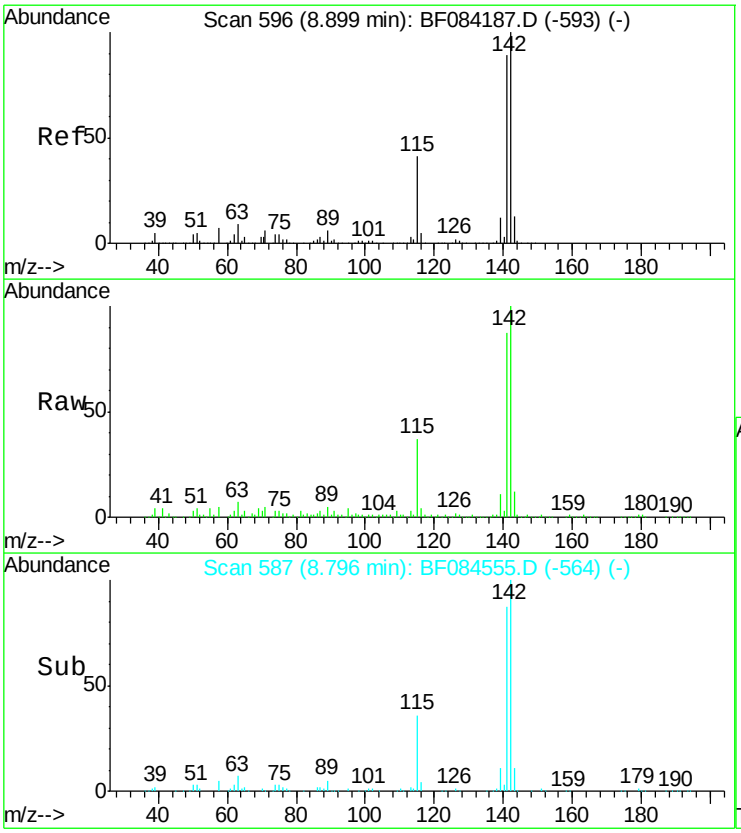
#35
Caprolactam
Concen: 12.08 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.06 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:113 Resp: 44009

Ion	Ratio	Lower	Upper
113	100		
55	345.4	116.9	156.9#
56	357.3	93.8	133.8#

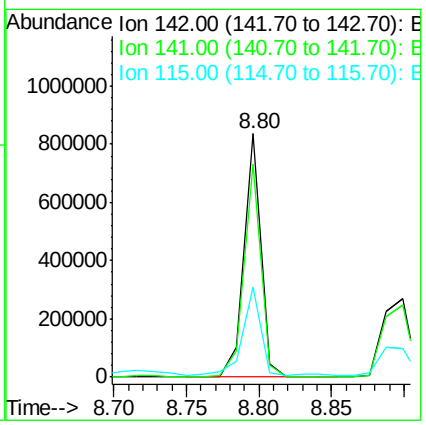


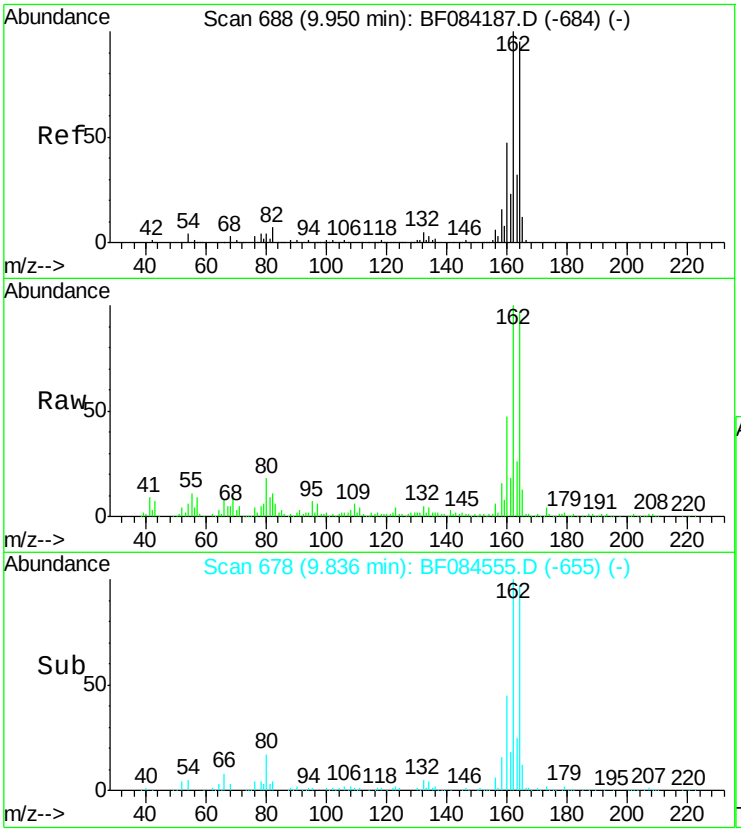


#37
2-Methylnaphthalene
Concen: 26.97 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:142 Resp: 678729

Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.4	108.6
115	37.0	27.9	41.9



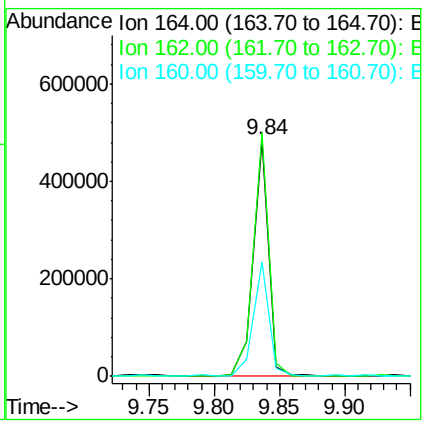


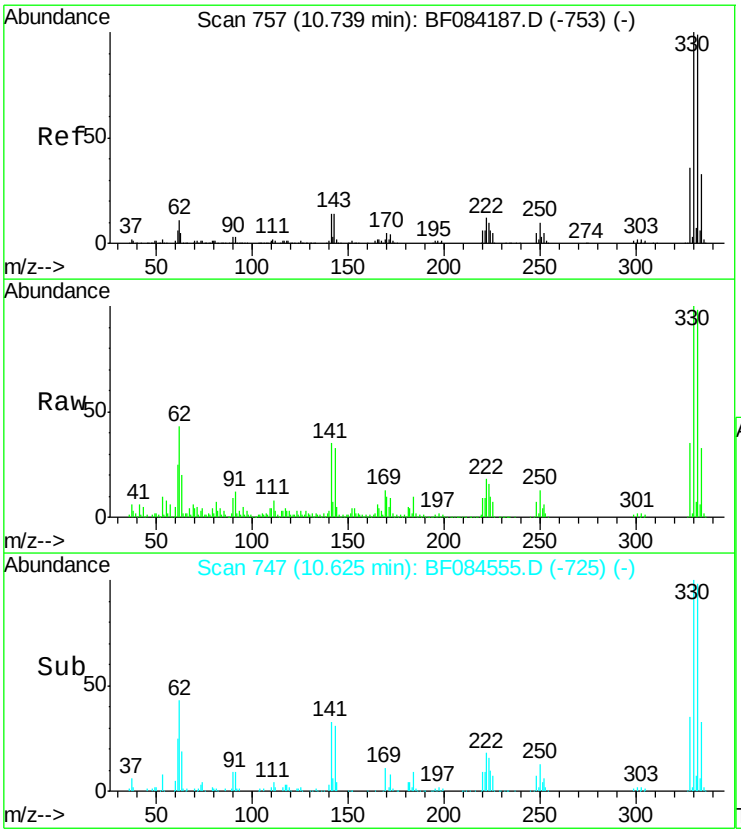
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:164 Resp: 394656

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	48.4	37.5	56.3

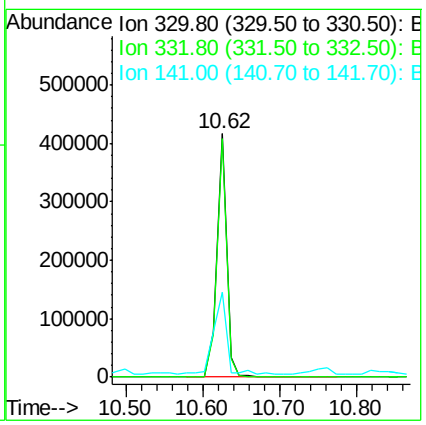


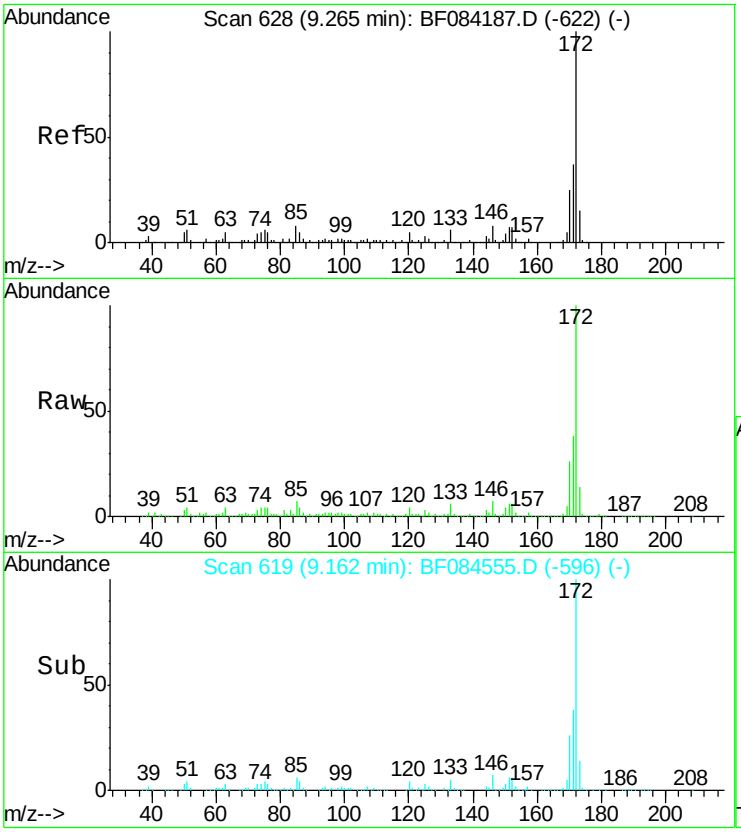


#41
2,4,6-Tribromophenol
Concen: 92.55 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:330 Resp: 368759

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	42.3	27.8	41.6#



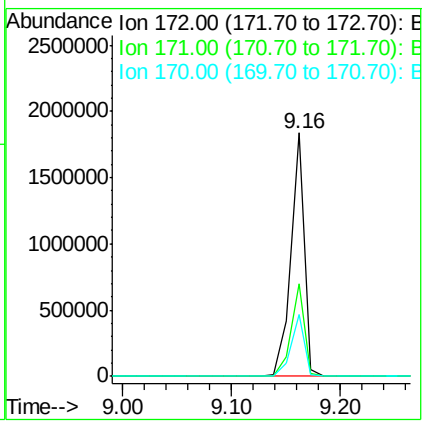


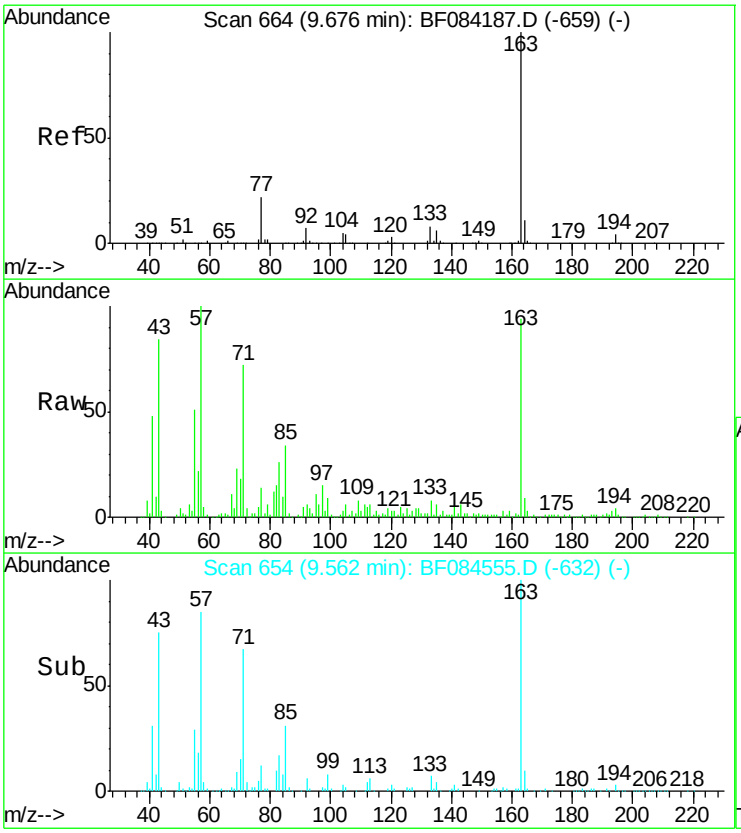
#44
2-Fluorobiphenyl
Concen: 70.14 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:172 Resp: 1598455

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	25.6	18.6	27.8

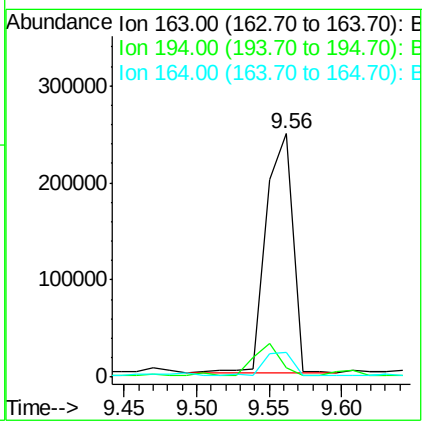


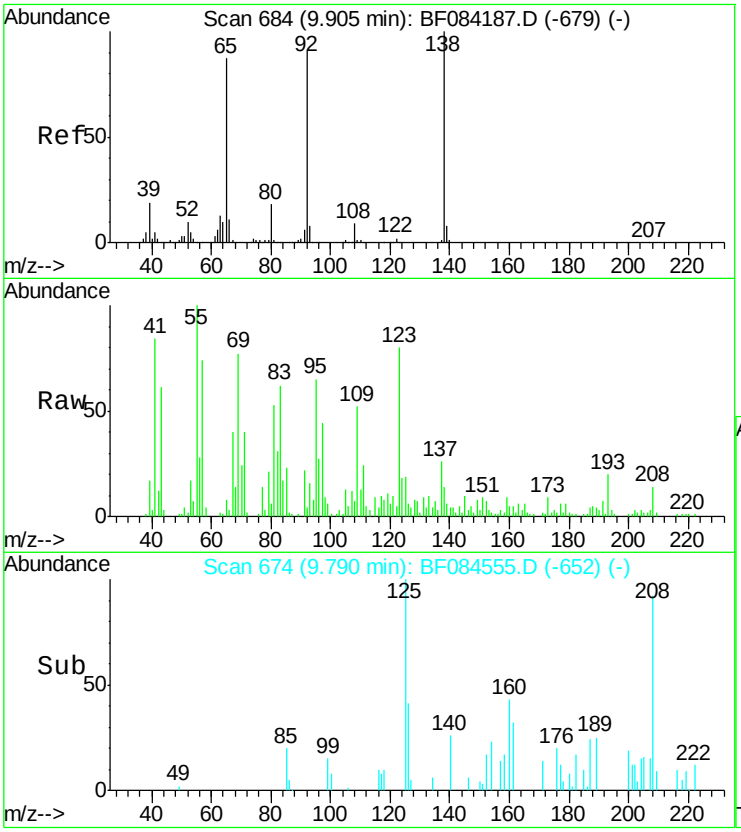


#49
Dimethylphthalate
Concen: 11.14 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:163 Resp: 314197

Ion	Ratio	Lower	Upper
163	100		
194	3.9	8.0	12.0#
164	10.0	8.0	12.0



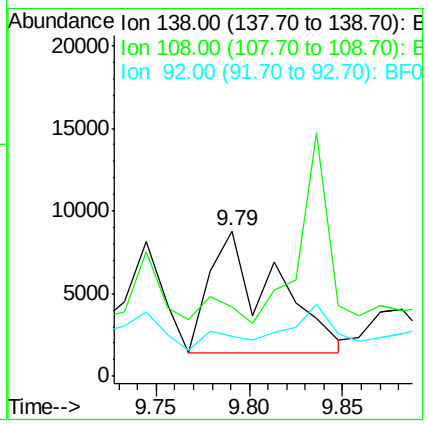


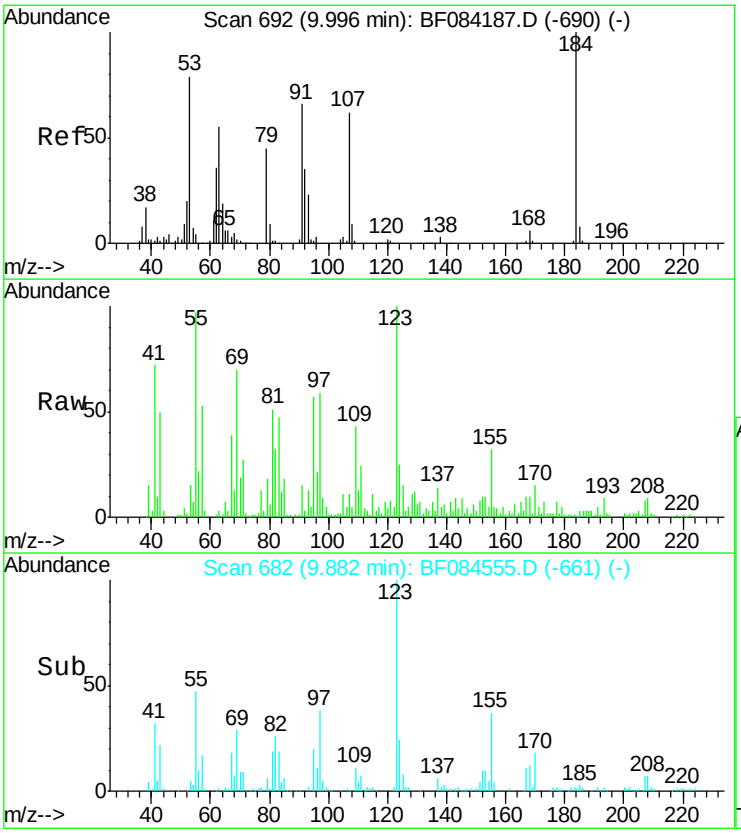
#52
3-Nitroaniline
Concen: 2.30 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:138 Resp: 17651

Ion	Ratio	Lower	Upper
138	100		
108	47.9	10.5	15.7#
92	27.5	103.9	155.9#

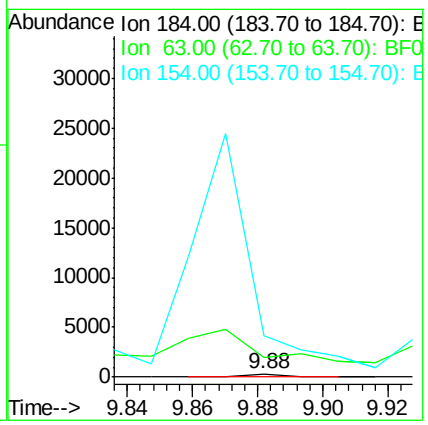


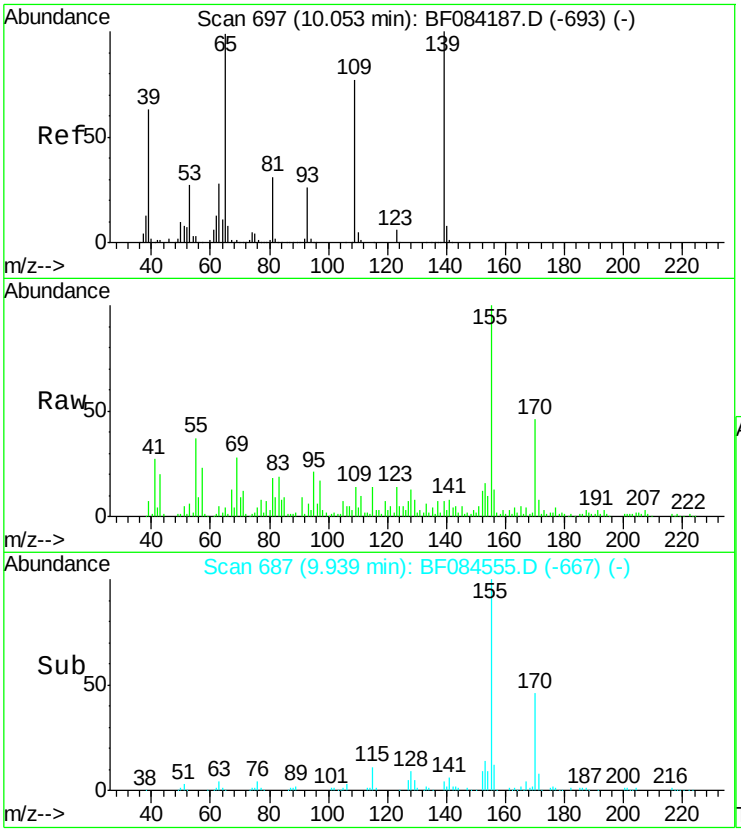


#53
2,4-Dinitrophenol
Concen: 3.65 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:184 Resp: 245

Ion	Ratio	Lower	Upper
184	100		
63	558.0	43.1	64.7#
154	1173.7	60.5	90.7#



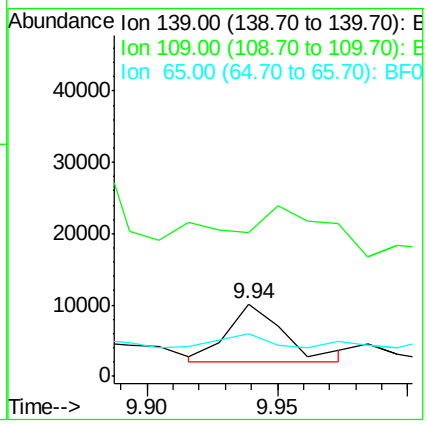


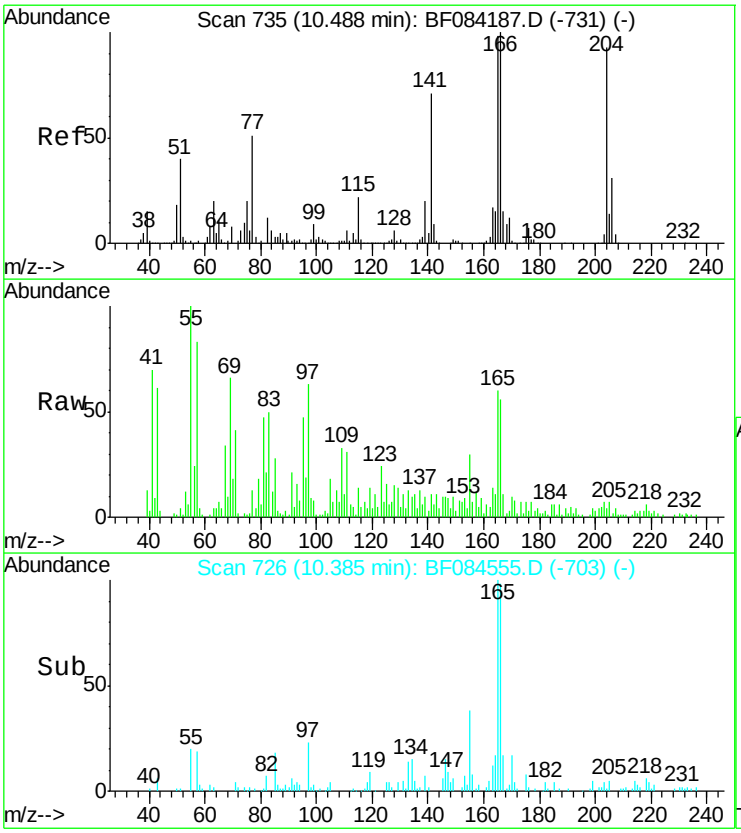
#55
4-Nitrophenol
Concen: 2.28 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:139 Resp: 12663

Ion	Ratio	Lower	Upper
139	100		
109	198.8	58.5	98.5#
65	58.4	57.6	97.6

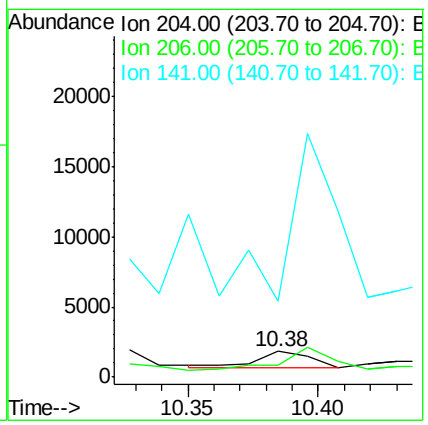


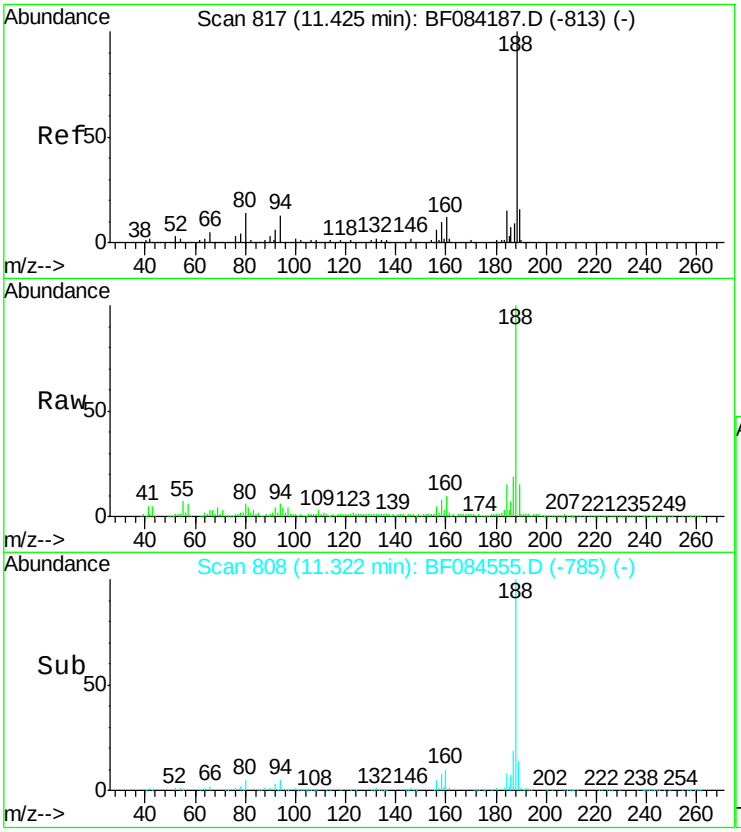


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:204 Resp: 1743

Ion	Ratio	Lower	Upper
204	100		
206	44.5	25.7	38.5#
141	292.3	55.1	82.7#



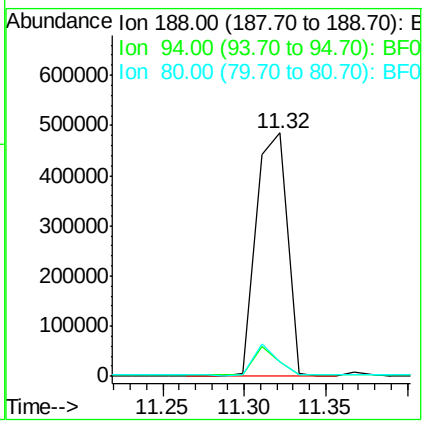


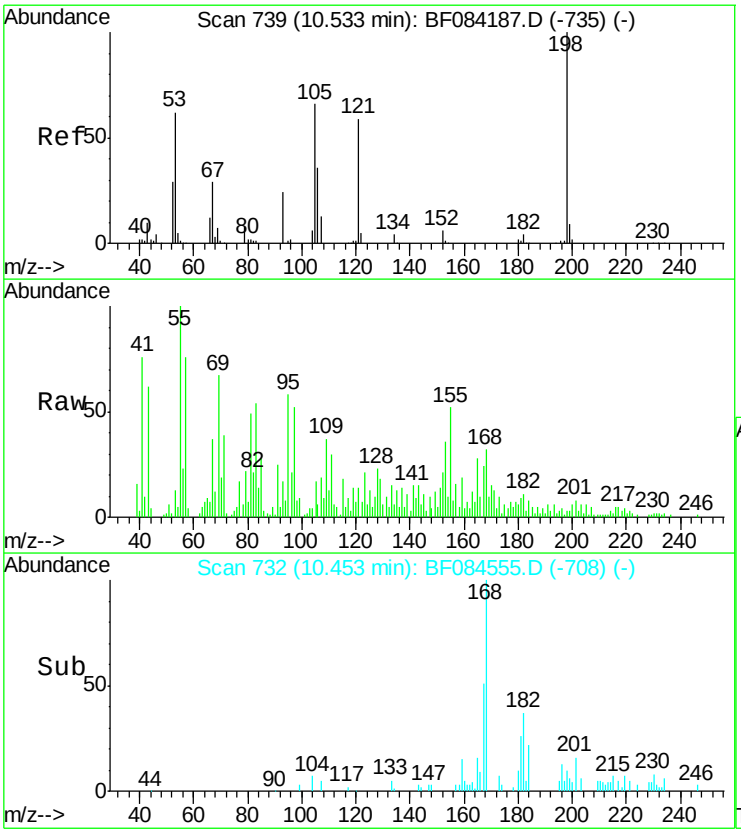
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:188 Resp: 643670

Ion	Ratio	Lower	Upper
188	100		
94	5.8	9.0	13.4#
80	5.9	9.6	14.4#

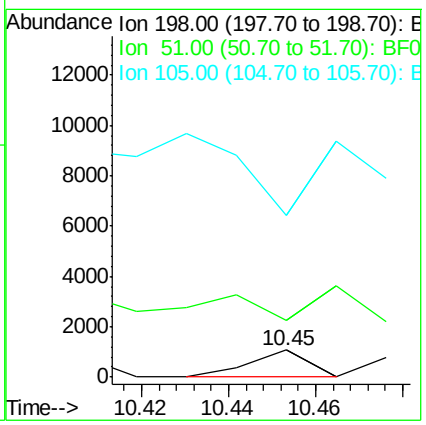


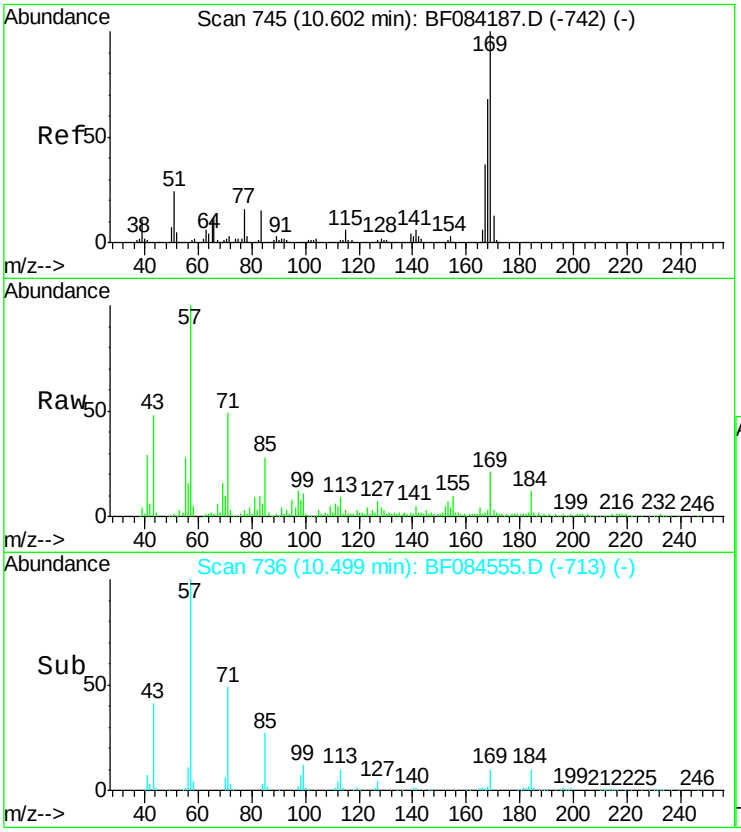


#64
4,6-Dinitro-2-methylphenol
Concen: 6.61 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:198 Resp: 983

Ion	Ratio	Lower	Upper
198	100		
51	212.1	18.9	58.9#
105	601.3	26.4	66.4#



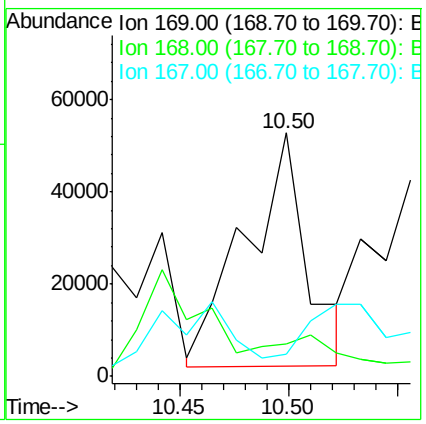


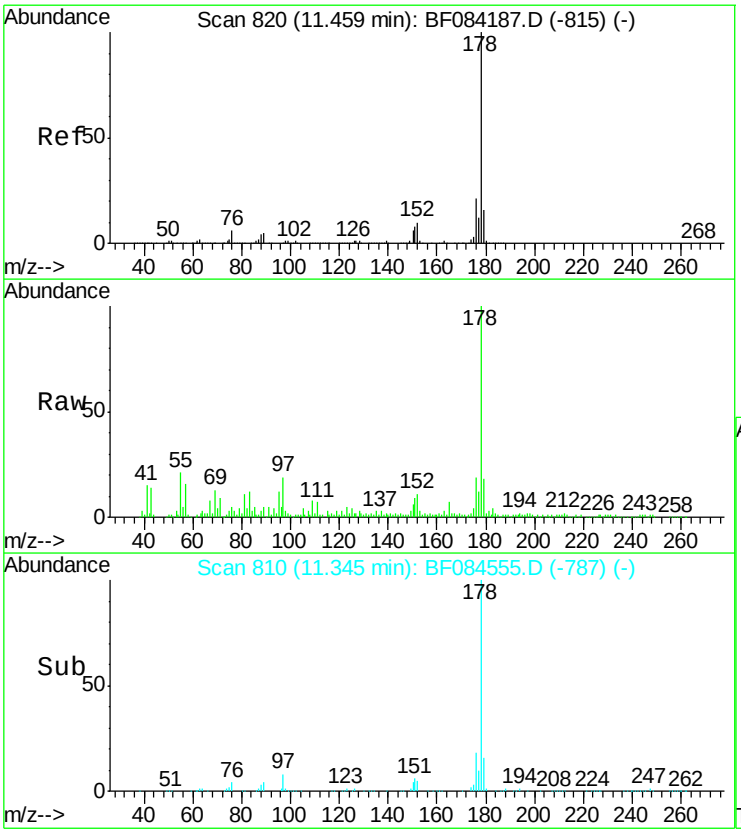
#65
n-Nitrosodiphenylamine
Concen: 4.85 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:169 Resp: 99790

Ion	Ratio	Lower	Upper
169	100		
168	13.3	55.1	82.7#
167	9.0	30.0	45.0#

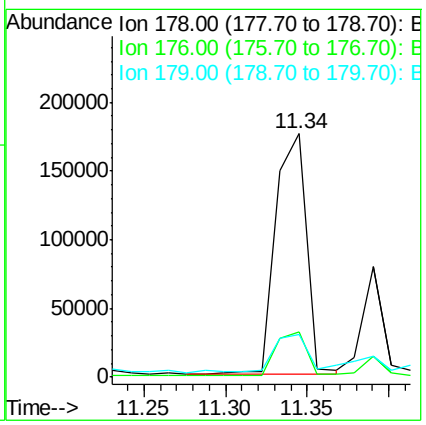


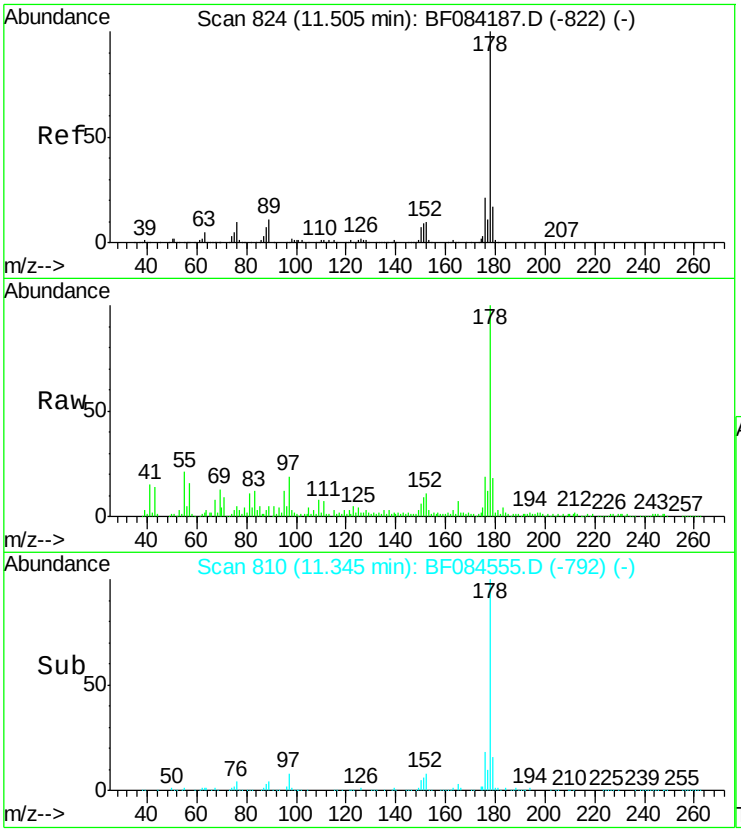


#70
Phenanthrene
Concen: 6.88 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:178 Resp: 231732

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	17.7	12.0	18.0



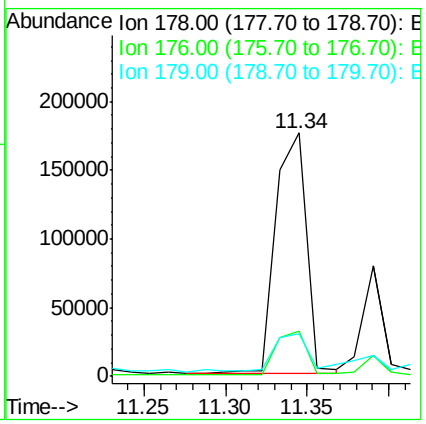


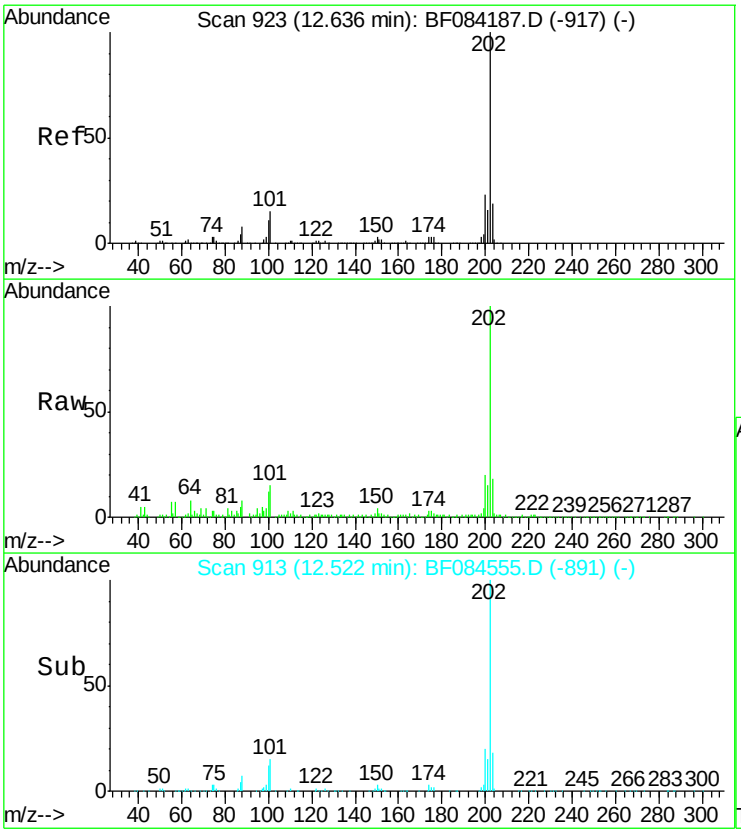
#71
Anthracene
Concen: 7.02 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.09 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:178 Resp: 231732

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	17.7	12.5	18.7

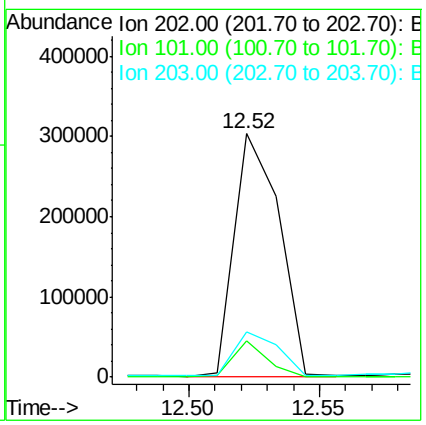


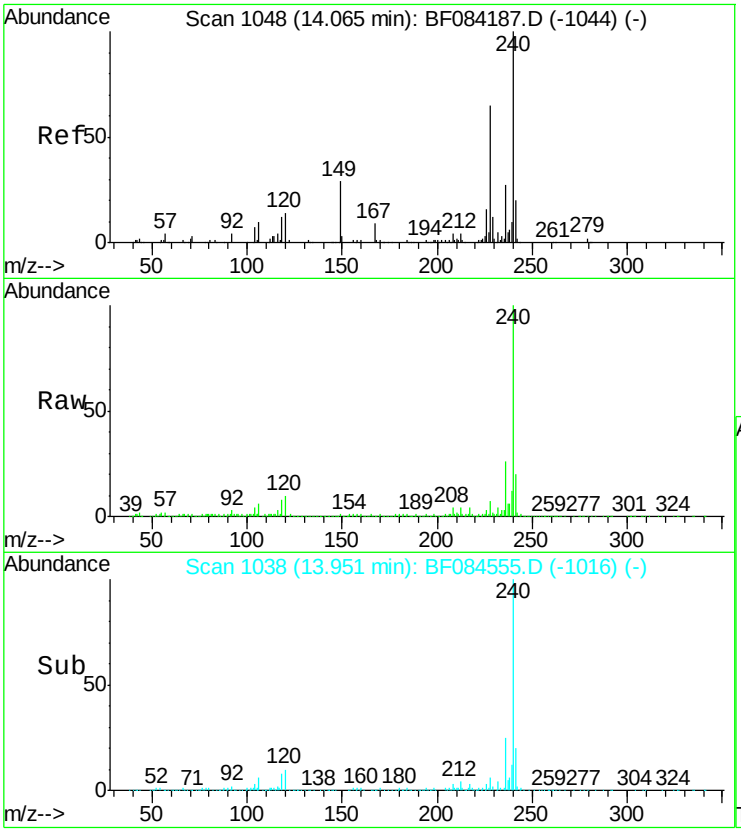


#74
Fluoranthene
Concen: 10.42 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:202 Resp: 366412

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	32.8
203	18.5	0.0	37.9



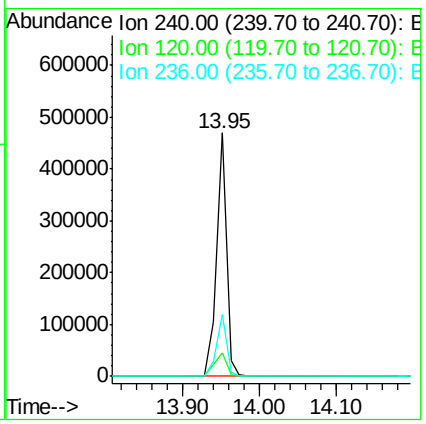


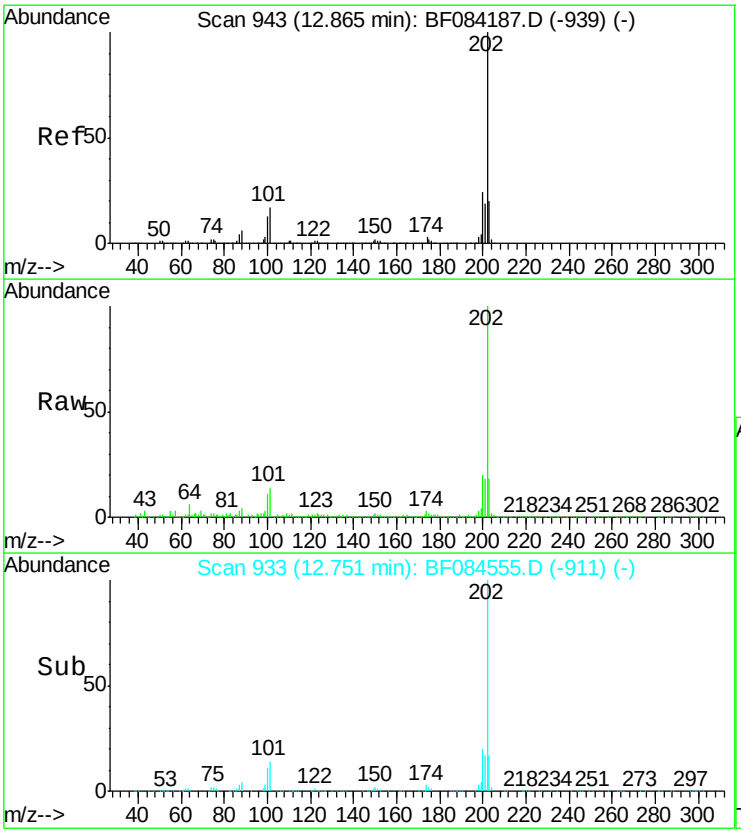
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:240 Resp: 419819

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.5	20.6	31.0

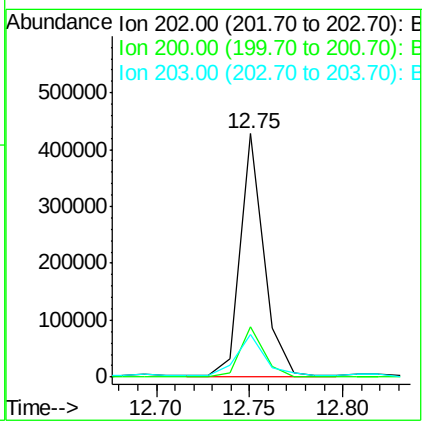


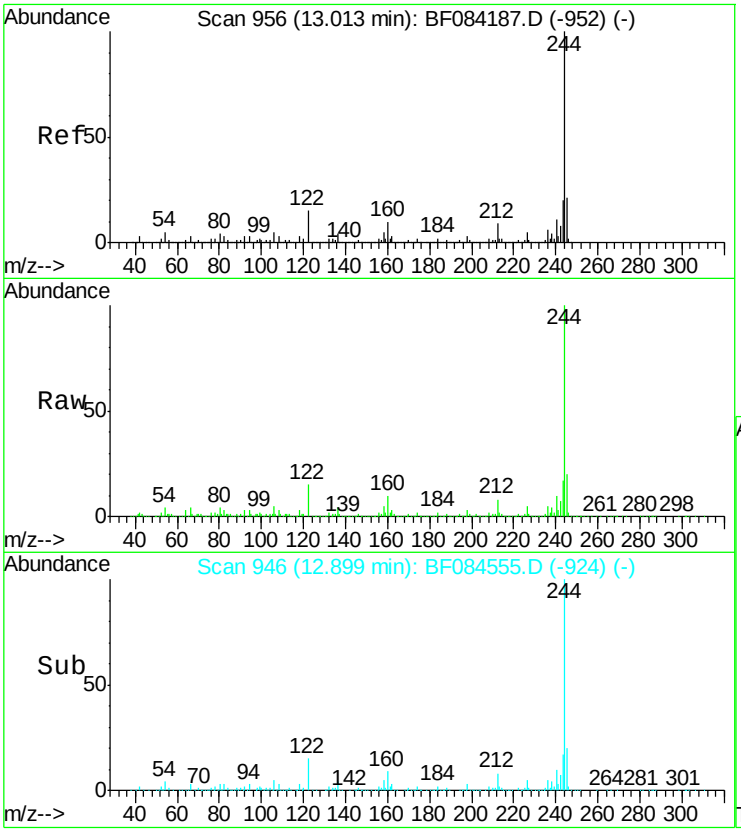


#77
Pyrene
Concen: 11.51 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:202 Resp: 379334

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.2	25.8
203	17.6	14.3	21.5



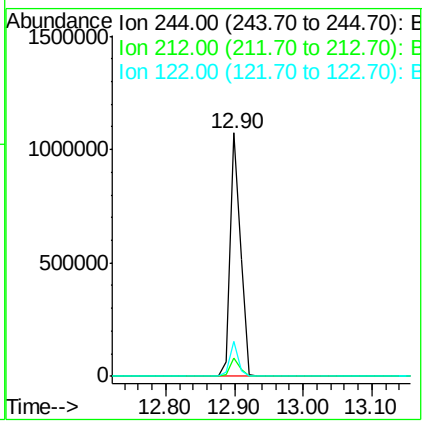


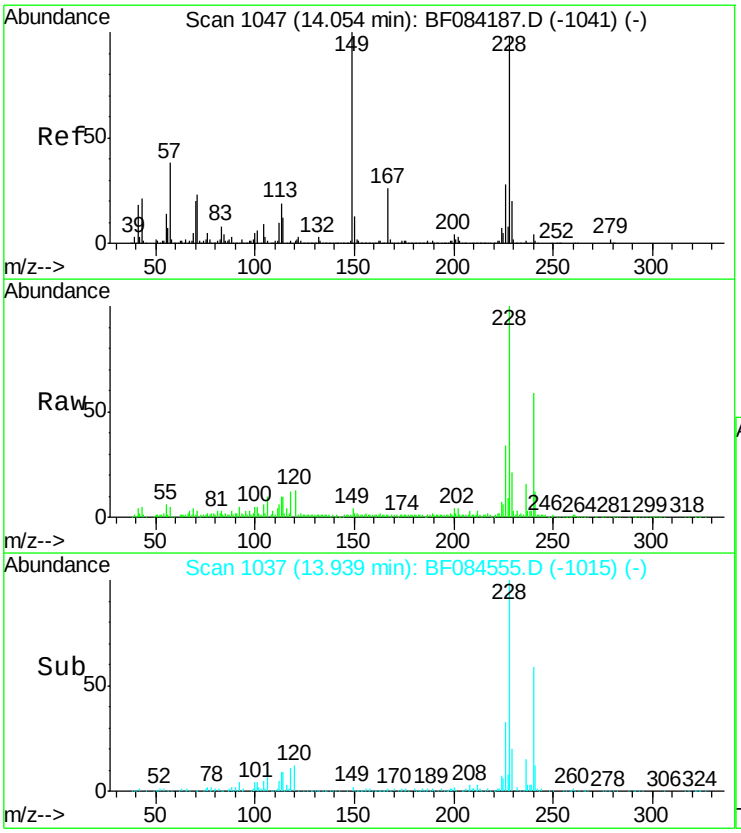
#78
Terphenyl-d14
Concen: 60.87 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:244 Resp: 1144863

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	14.6	7.4	11.0#

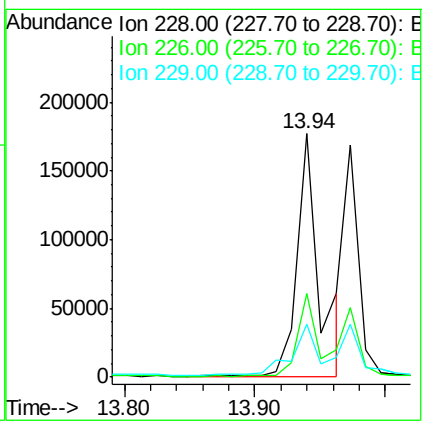


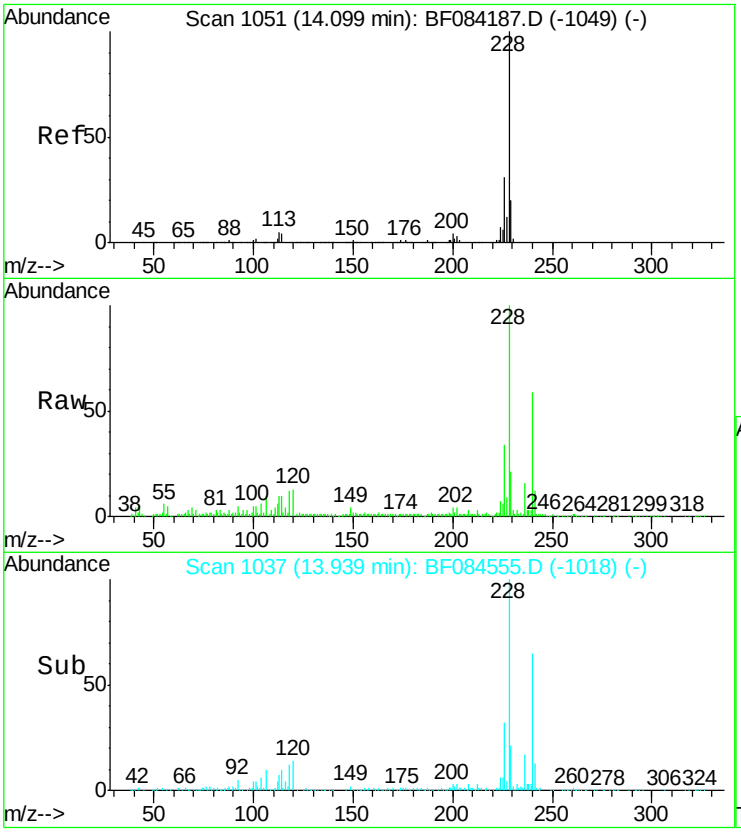


#80
Benzo(a)anthracene
Concen: 8.58 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:228 Resp: 211497

Ion	Ratio	Lower	Upper
228	100		
226	34.1	21.8	32.6#
229	21.5	15.8	23.8



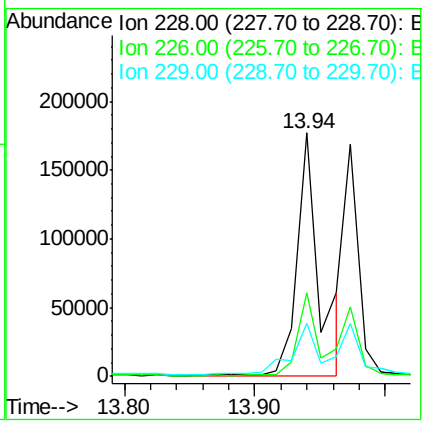


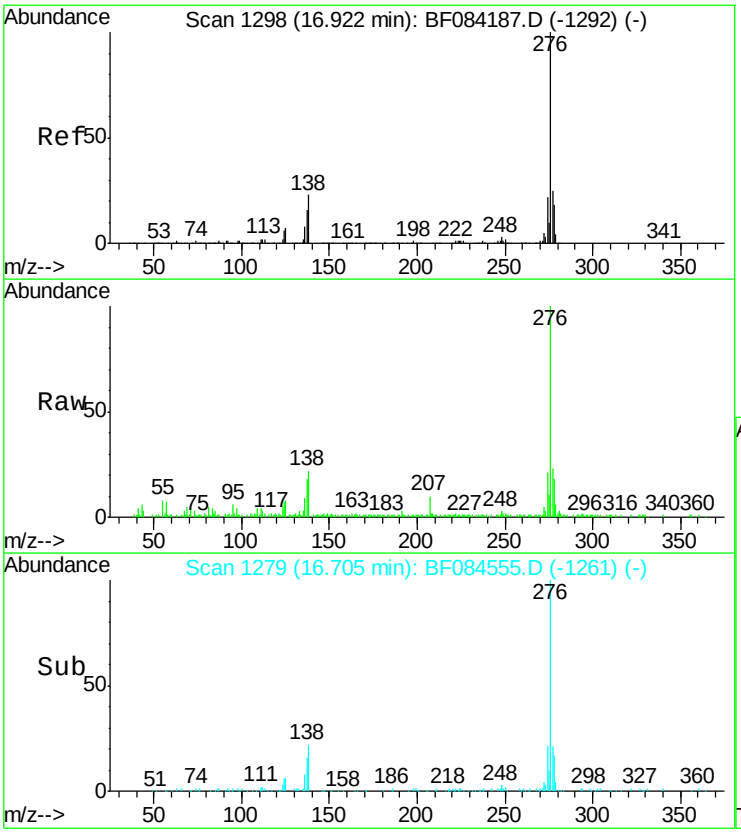
#82
Chrysene
Concen: 8.93 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:228 Resp: 211497

Ion	Ratio	Lower	Upper
228	100		
226	34.1	24.3	36.5
229	21.5	16.1	24.1

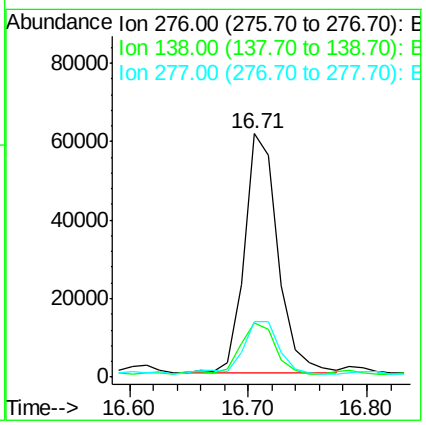


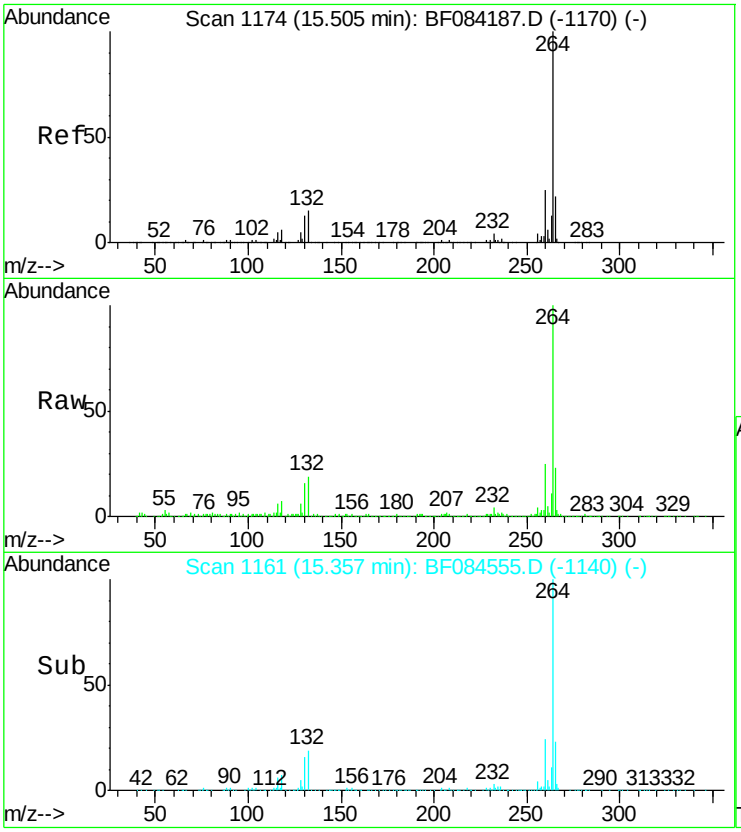


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.45 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.09 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:276 Resp: 121149

Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.6	30.8
277	24.3	20.1	30.1



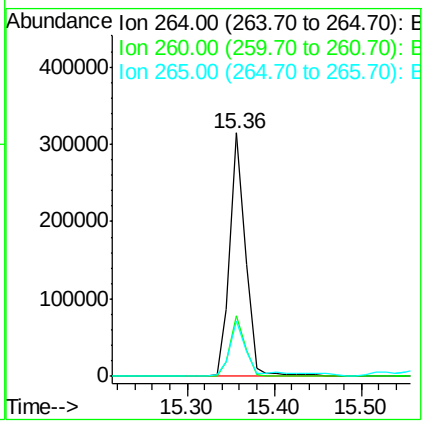


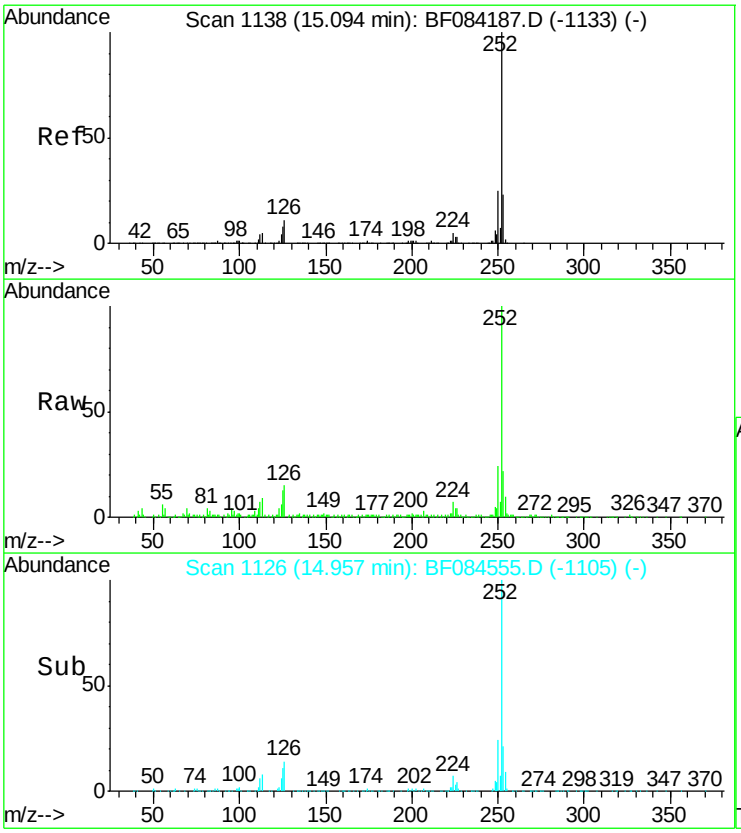
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:264 Resp: 393496

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.0	17.8	26.6

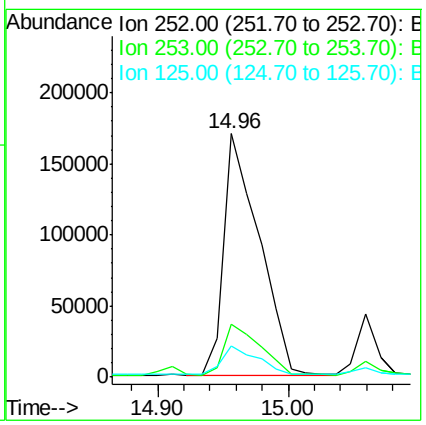


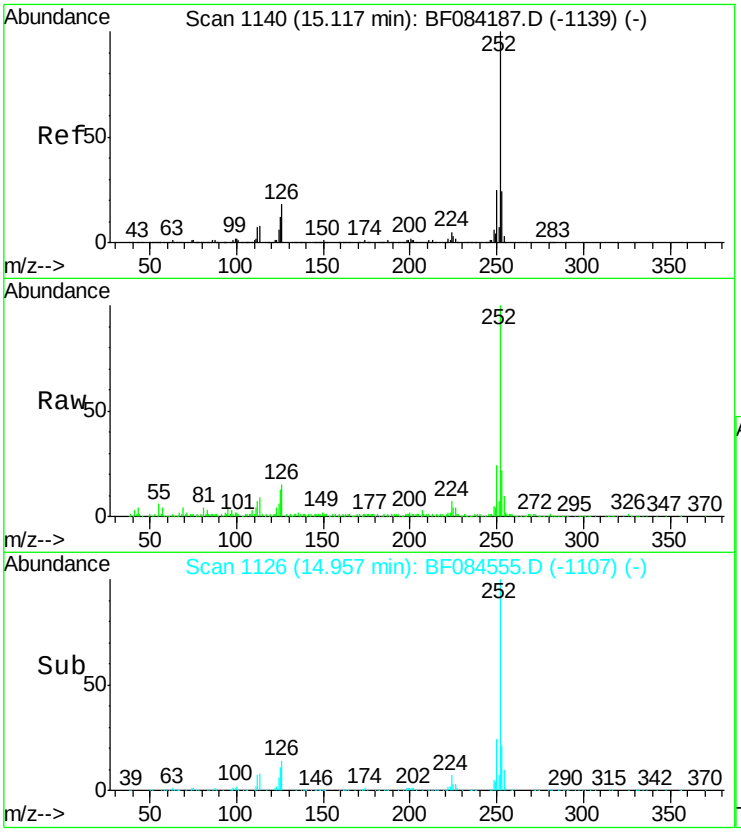


#87
Benzo(b)fluoranthene
Concen: 12.55 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:252 Resp: 323050

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	12.6	6.5	9.7#



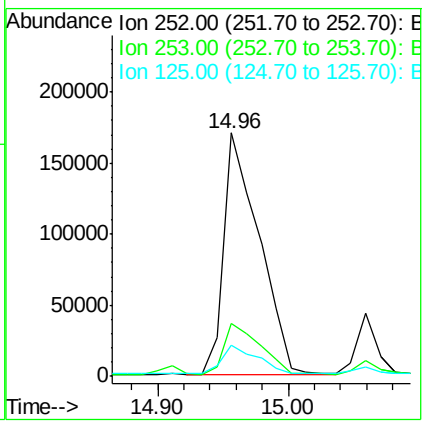


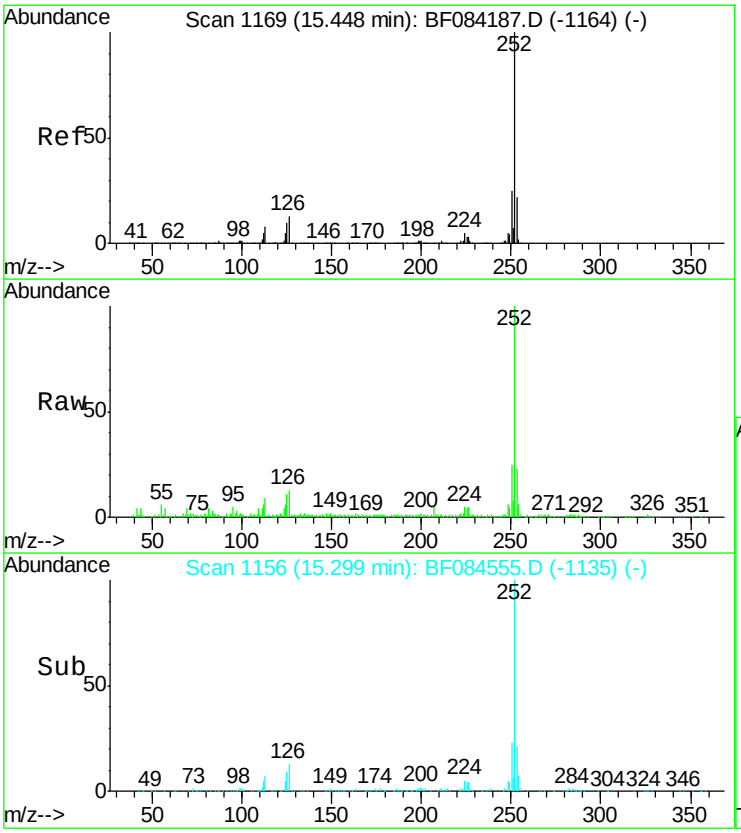
#88
Benzo(k)fluoranthene
Concen: 15.35 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.08 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:252 Resp: 323050

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.6	9.0	13.6

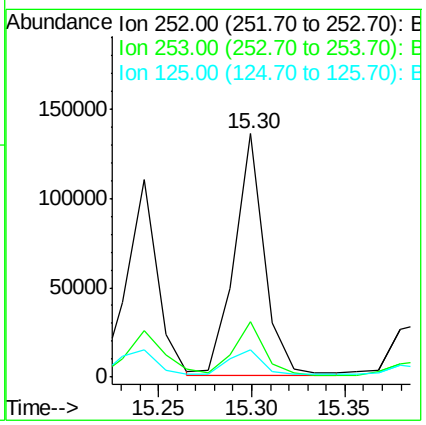


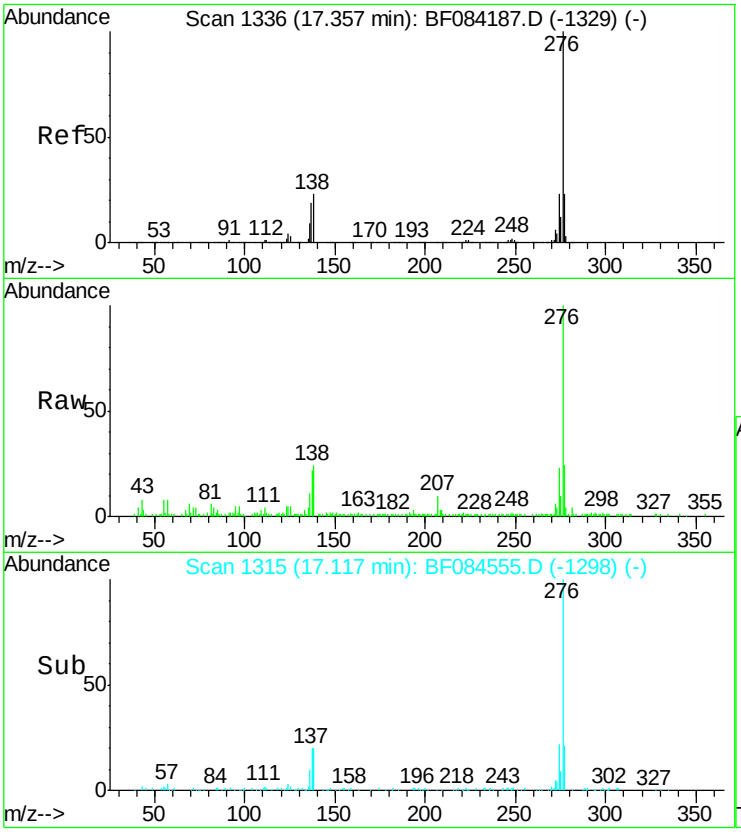


#89
Benzo(a)pyrene
Concen: 6.98 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Tgt Ion:252 Resp: 152439

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.3	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 6.24 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.10 min
Lab File: BF084555.D
Acq: 19 Jan 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tgt Ion:276 Resp: 121322

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	23.8	17.8	26.6