Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084557.D
Acq On : 19 Jan 2016 17:34
Operator : SJ/UM
Sample : H1169-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-004(0-2)

Quant Time: Jan 20 00:01:36 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	217671	20.00	ng		-0.03
21) Naphthalene-d8	8.08	136	820440	20.00	ng		-0.05
38) Acenaphthene-d10	9.84	164	409493	20.00	ng		-0.03
63) Phenanthrene-d10	11.31	188	667130	20.00	ng		-0.05
75) Chrysene-d12	13.95	240	451280	20.00	ng		-0.05
86) Perylene-d12	15.36	264	410688	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1475414	109.64	ng		-0.03
7) Phenol-d6	6.44	99	1965740	116.31	ng		-0.03
23) Nitrobenzene-d5	7.36	82	1123259	76.20	ng		-0.05
41) 2,4,6-Tribromophenol	10.62	330	441828	106.87	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	1831690	78.18	ng		-0.03
78) Terphenyl-d14	12.90	244	1284757	63.55	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	38211	3.47	ng		82
31) Naphthalene	8.10	128	192860	5.18	ng	#	90
32) Benzoic acid	7.88	122	5133	6.75	ng	#	1
33) 4-Chloroaniline	8.10	127	48726	2.86	ng	#	28
35) Caprolactam	8.51	113	22881	5.92	ng	#	1
37) 2-Methylnaphthalene	8.80	142	122468	4.58	ng		99
49) Dimethylphthalate	9.55	163	364785	12.46	ng	#	91
53) 2,4-Dinitrophenol	10.05	184	558	3.75	ng	#	1
54) Dibenzofuran	9.87	168	4049	Below Cal			92
57) Fluorene	10.37	166	11960	Below Cal		#	56
60) 4-Chlorophenyl-phenylether	10.38	204	1299	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.45	198	274	6.48	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	29243	4.07	ng	#	1
70) Phenanthrene	11.33	178	99719	2.86	ng		96
73) Di-n-butylphthalate	11.88	149	10086	Below Cal		#	67
74) Fluoranthene	12.52	202	270938	7.43	ng		99
77) Pyrene	12.75	202	264728	7.48	ng		99
80) Benzo(a)anthracene	13.94	228	154998	5.85	ng	#	92
82) Chrysene	13.94	228	154998	6.09	ng		96
85) Indeno(1,2,3-cd)pyrene	16.71	276	83320	4.13	ng		94
87) Benzo(b)fluoranthene	14.96	252	234131	8.72	ng	#	96
88) Benzo(k)fluoranthene	14.96	252	234131	10.66	ng		100
89) Benzo(a)pyrene	15.30	252	106523	4.67	ng	#	96
91) Benzo(g,h,i)perylene	17.12	276	73960	3.64	ng		99

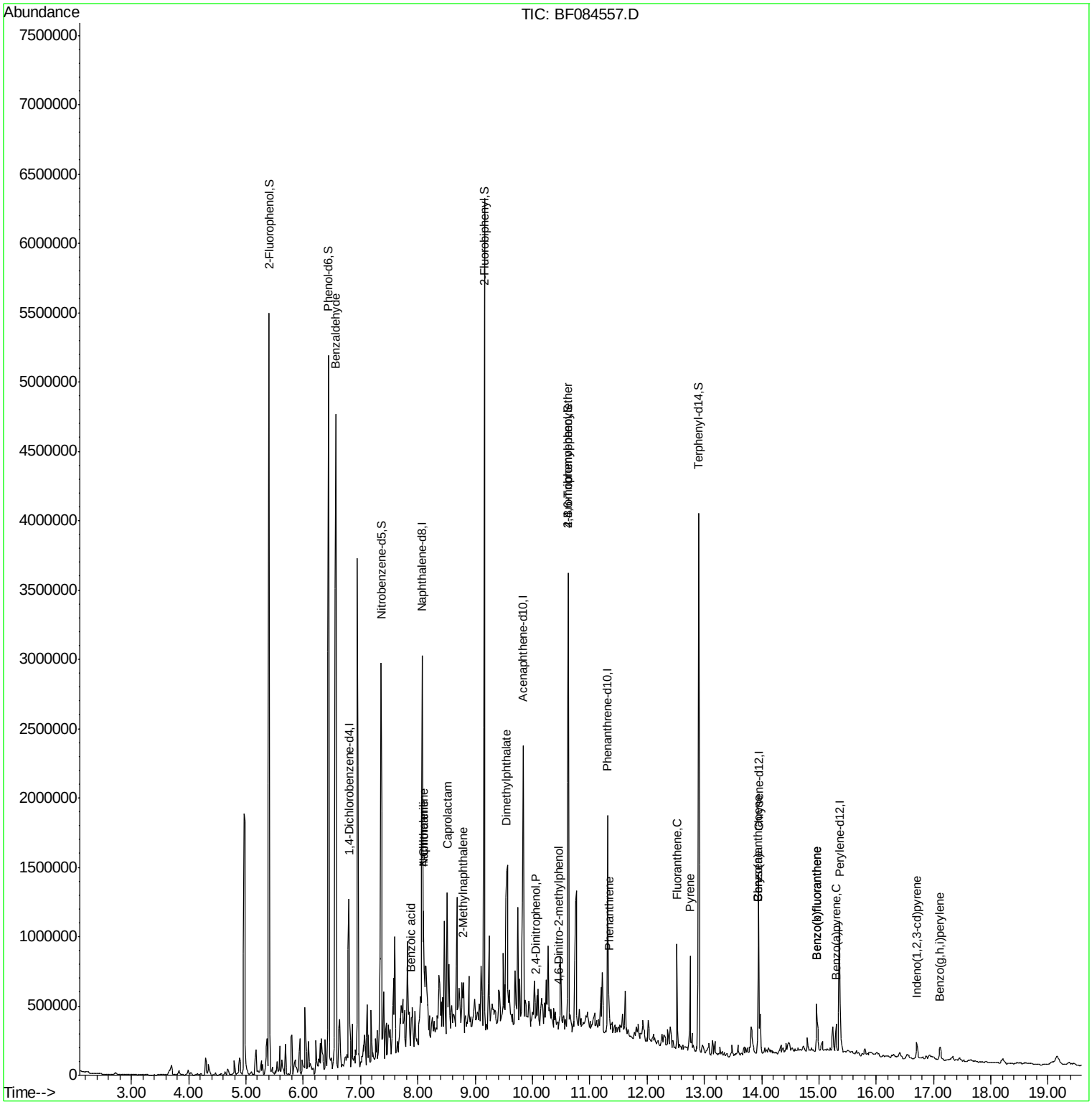
(#) = qualifier out of range (m) = manual integration (+) = signals summed

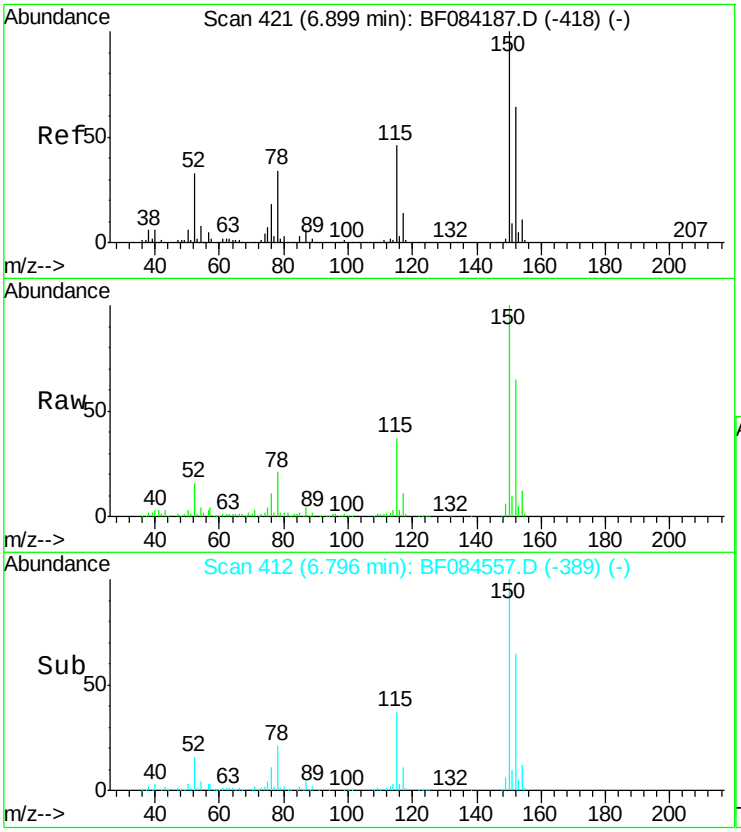
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084557.D
Acq On : 19 Jan 2016 17:34
Operator : SJ/UM
Sample : H1169-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Quant Time: Jan 20 00:01:36 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



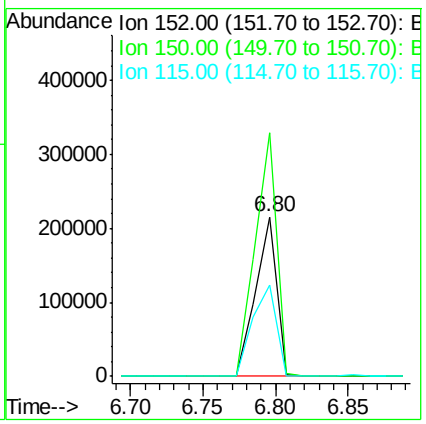


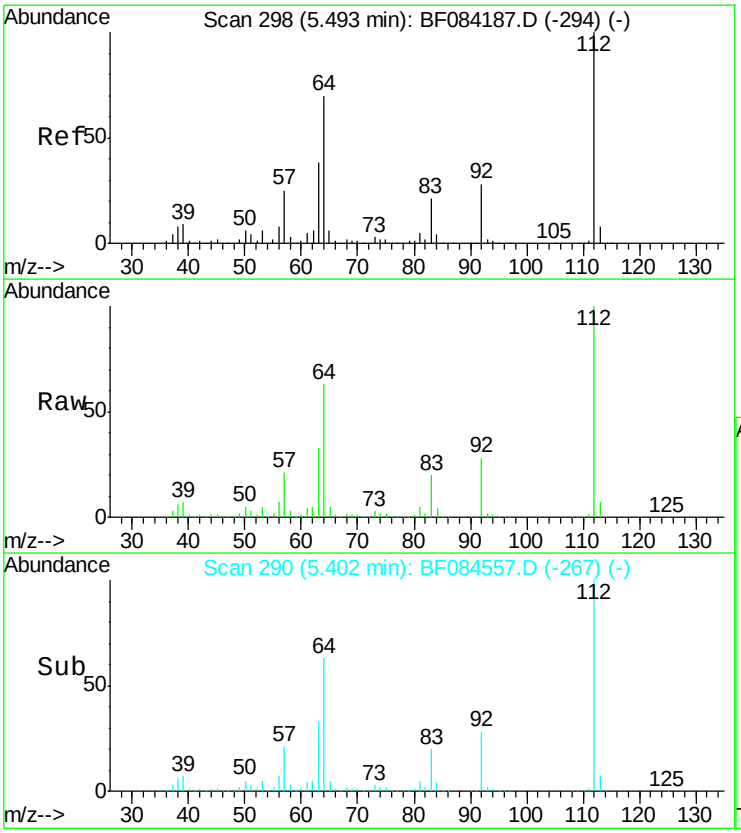
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:152 Resp: 217671

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.0	184.4
115	57.1	51.4	77.2

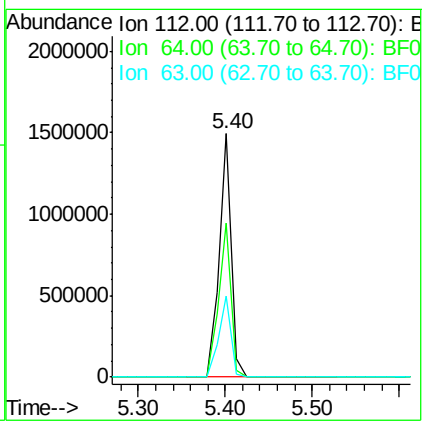


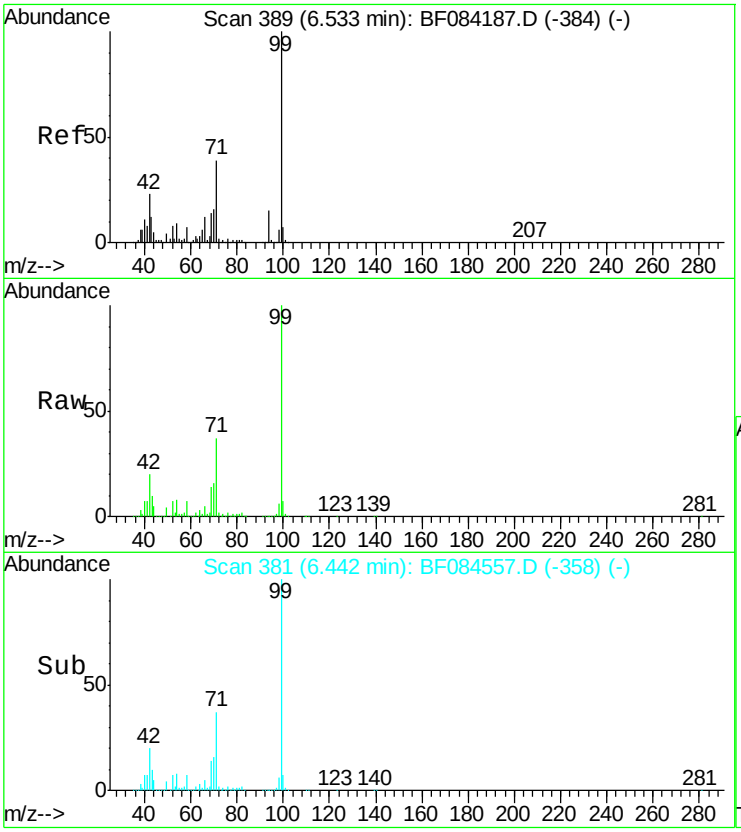


#5
2-Fluorophenol
Concen: 109.64 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:112 Resp: 1475414

Ion	Ratio	Lower	Upper
112	100		
64	63.1	36.6	55.0#
63	33.3	19.4	29.0#



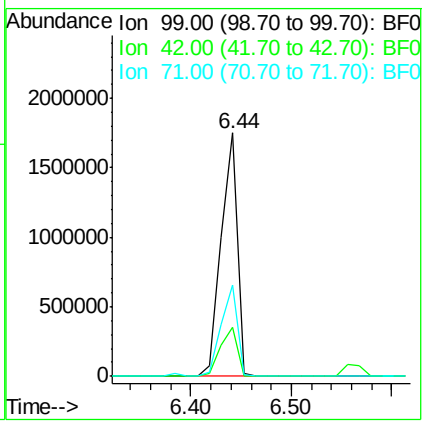


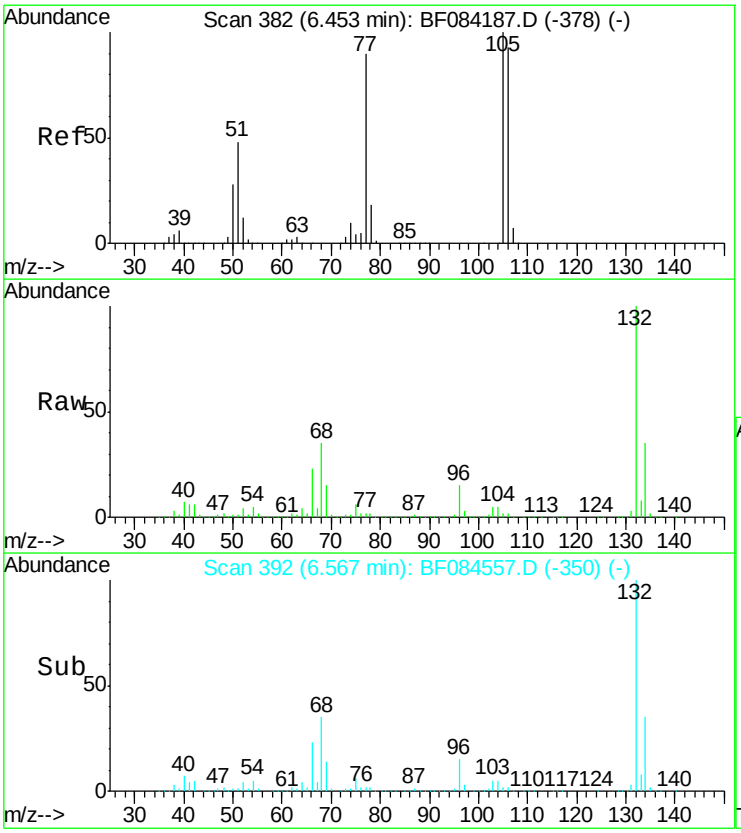
#7
Phenol-d6
Concen: 116.31 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion: 99 Resp: 1965740

Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	37.4	30.9	46.3

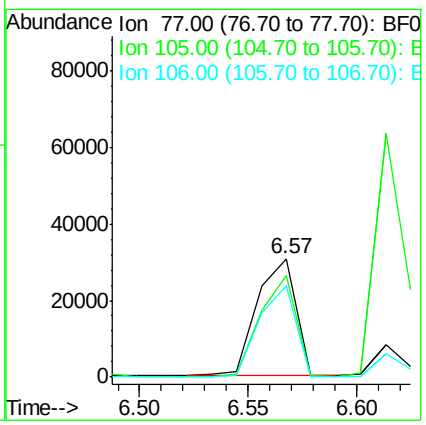


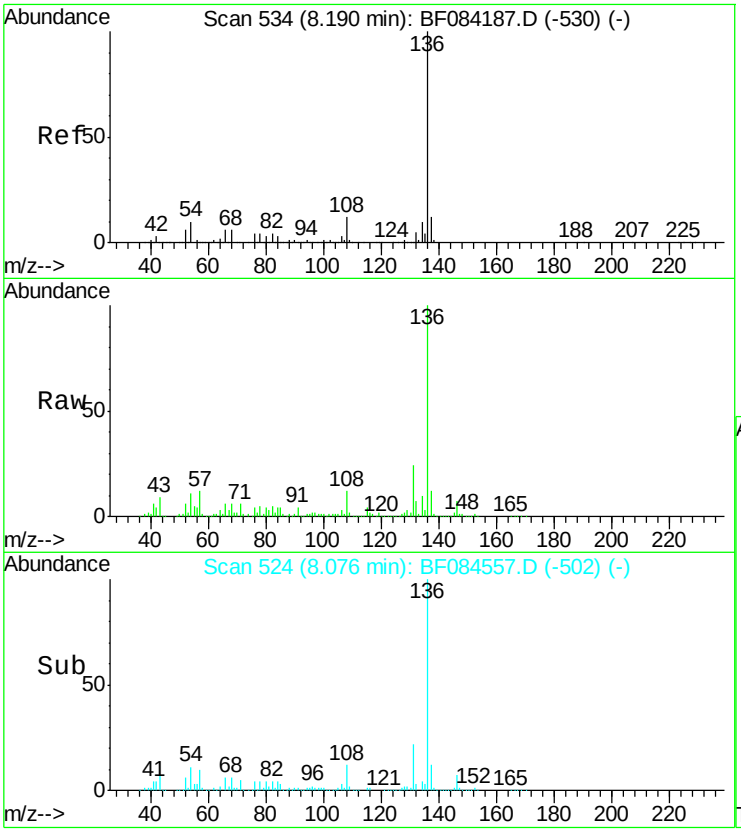


#9
Benzaldehyde
Concen: 3.47 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.18 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion: 77 Resp: 38211

Ion	Ratio	Lower	Upper
77	100		
105	85.7	83.0	123.0
106	76.9	74.6	114.6



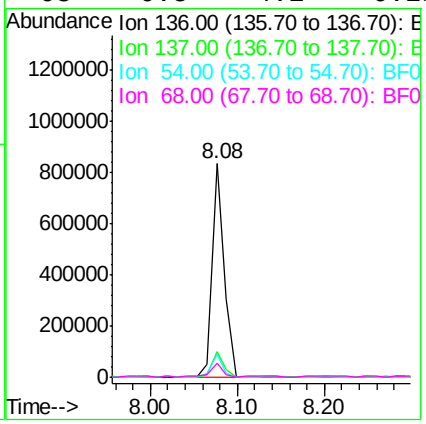


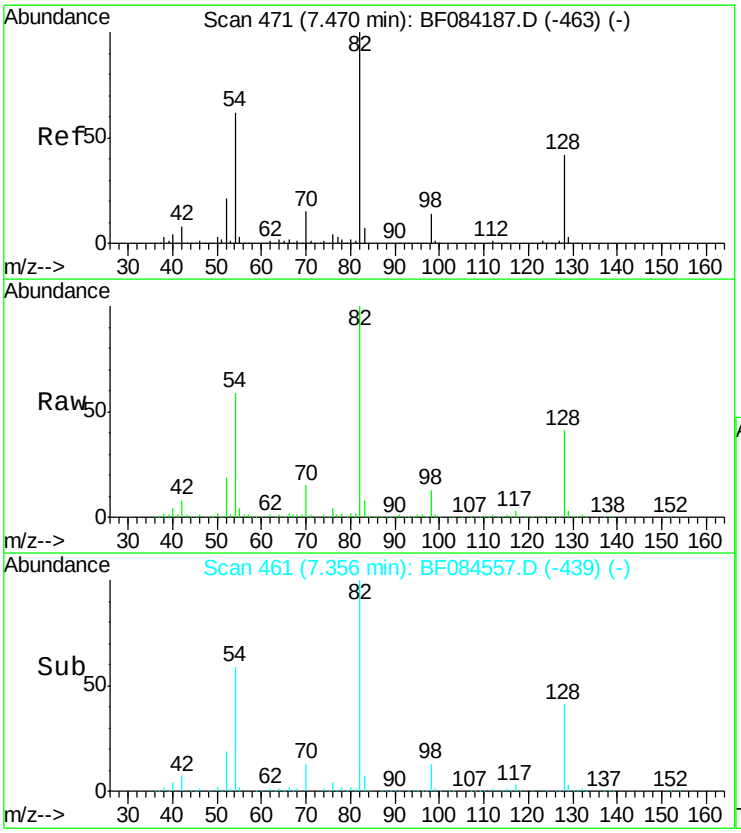
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:136 Resp: 820440

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	11.0	5.8	8.8#
68	6.5	4.2	6.2#

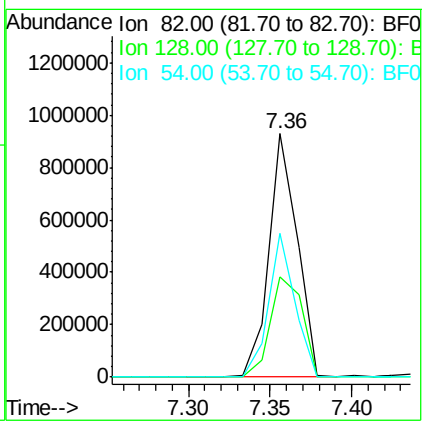


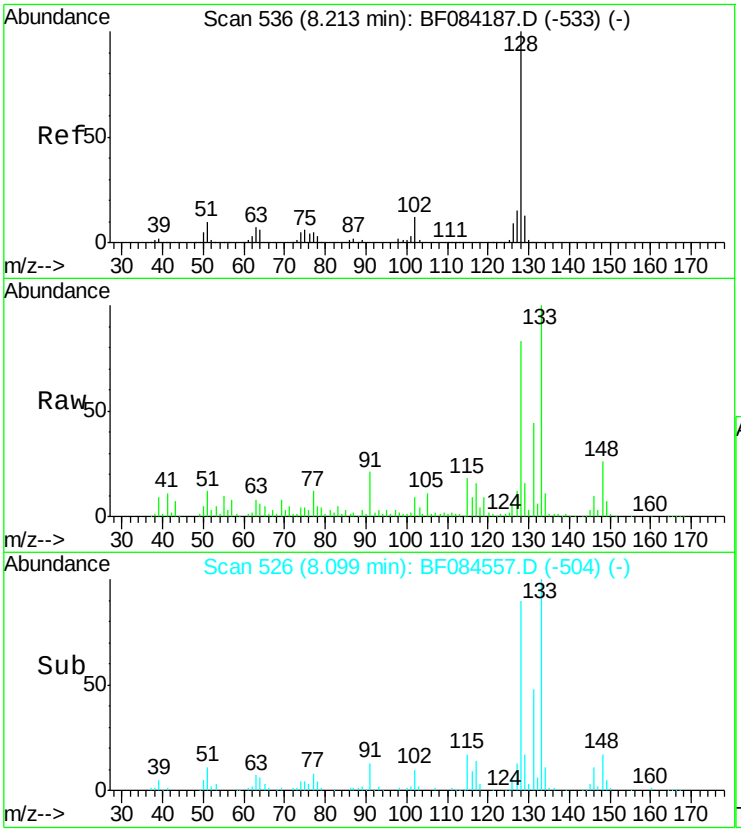


#23
Nitrobenzene-d5
Concen: 76.20 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion: 82 Resp: 1123259

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	51.8
54	59.3	38.4	57.6#



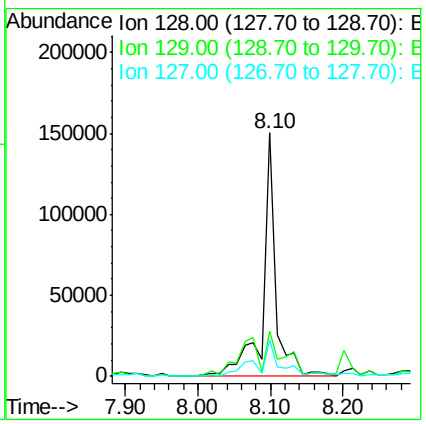


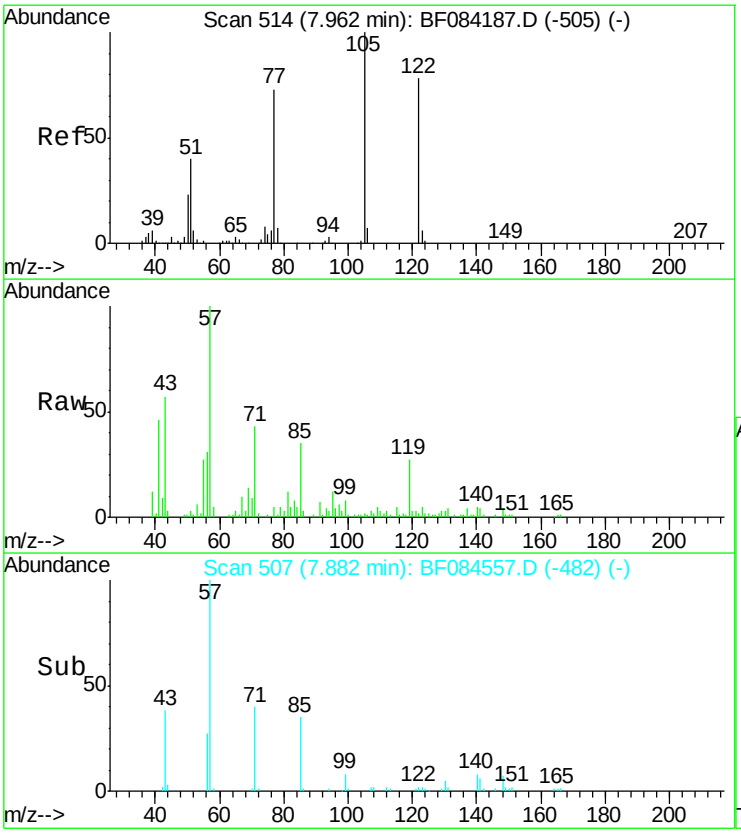
#31
Naphthalene
Concen: 5.18 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:128 Resp: 192860

Ion	Ratio	Lower	Upper
128	100		
129	18.8	9.1	13.7#
127	14.9	11.1	16.7

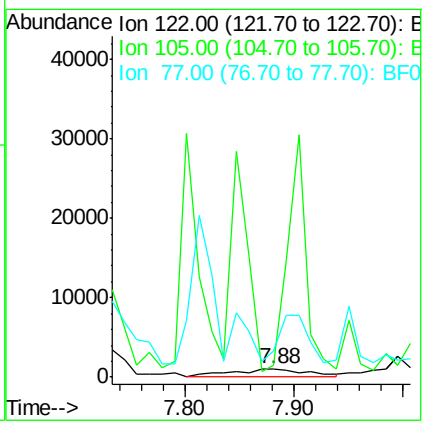


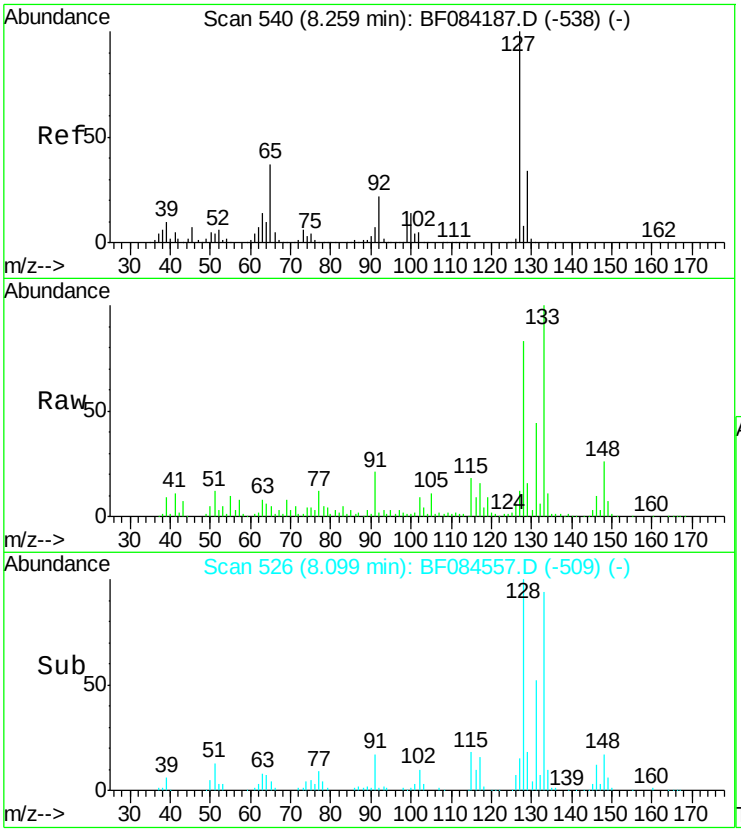


#32
Benzoic acid
Concen: 6.75 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:122 Resp: 5133

Ion	Ratio	Lower	Upper
122	100		
105	140.9	100.3	140.3#
77	315.6	63.5	103.5#



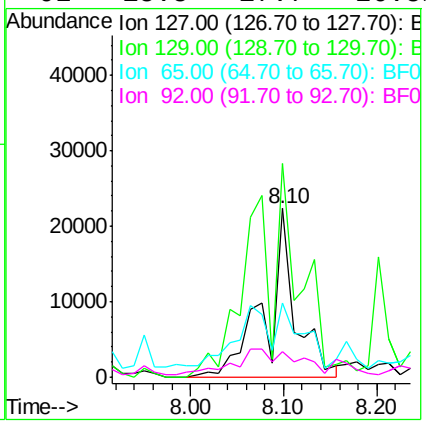


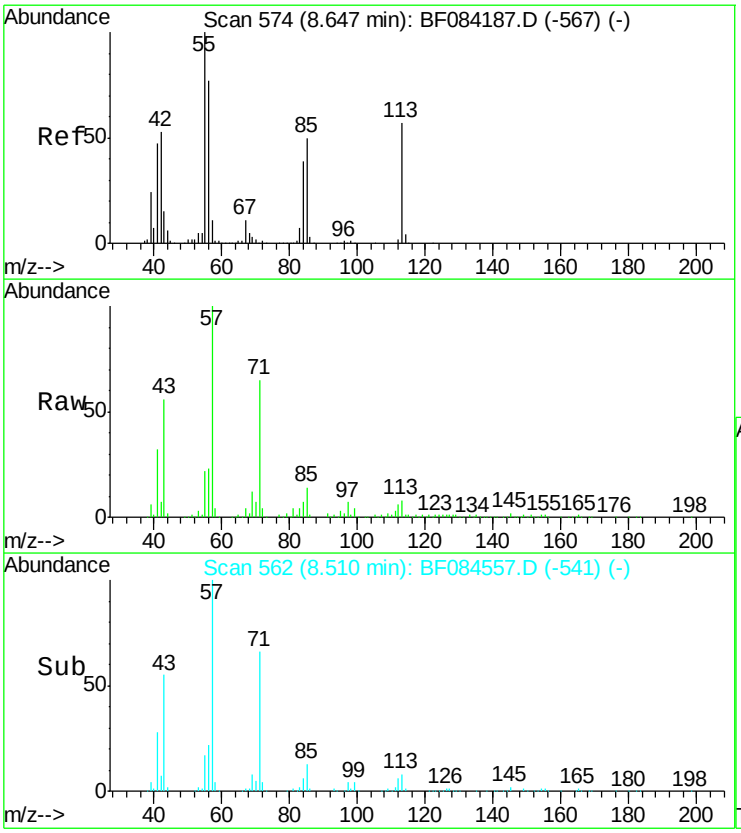
#33
4-Chloroaniline
Concen: 2.86 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.10 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:127 Resp: 48726

Ion	Ratio	Lower	Upper
127	100		
129	126.7	26.5	39.7#
65	44.1	27.2	40.8#
92	15.5	17.7	26.5#

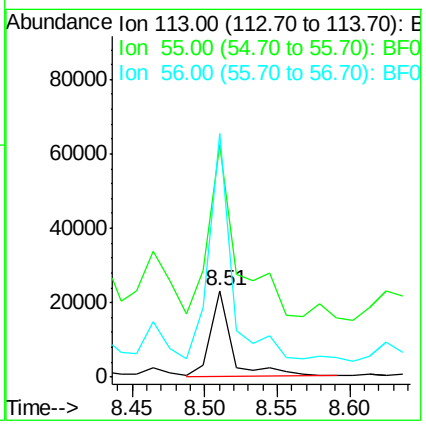


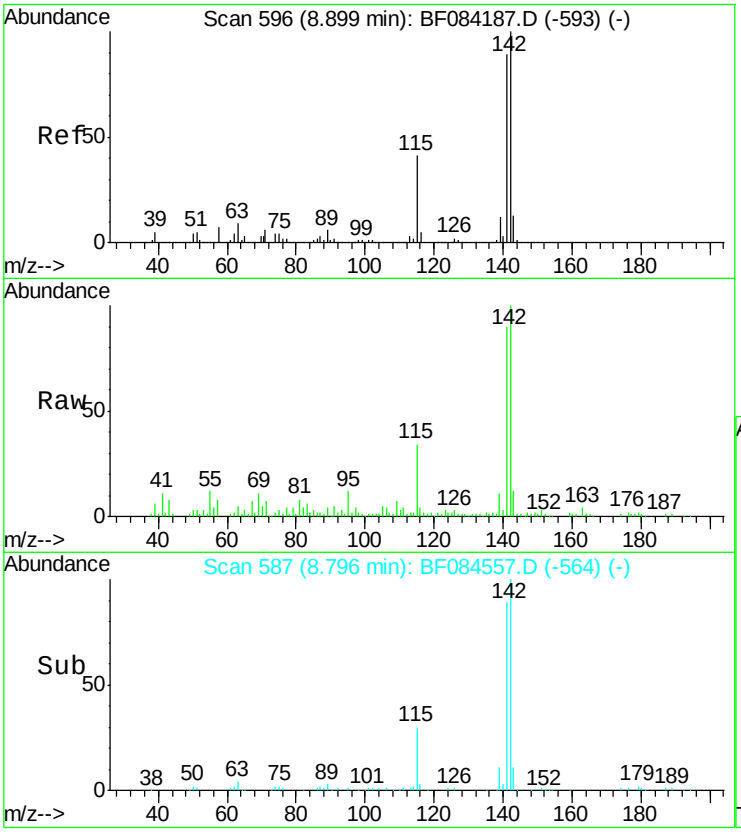


#35
Caprolactam
Concen: 5.92 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.06 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:113 Resp: 22881

Ion	Ratio	Lower	Upper
113	100		
55	266.8	116.9	156.9#
56	280.5	93.8	133.8#



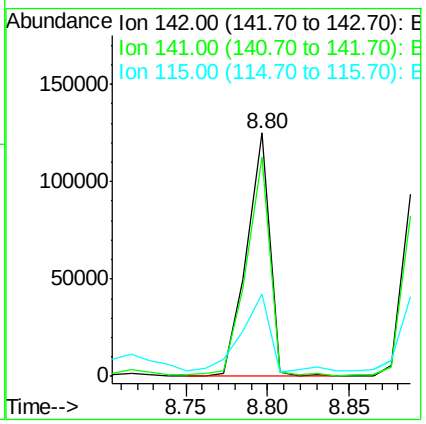


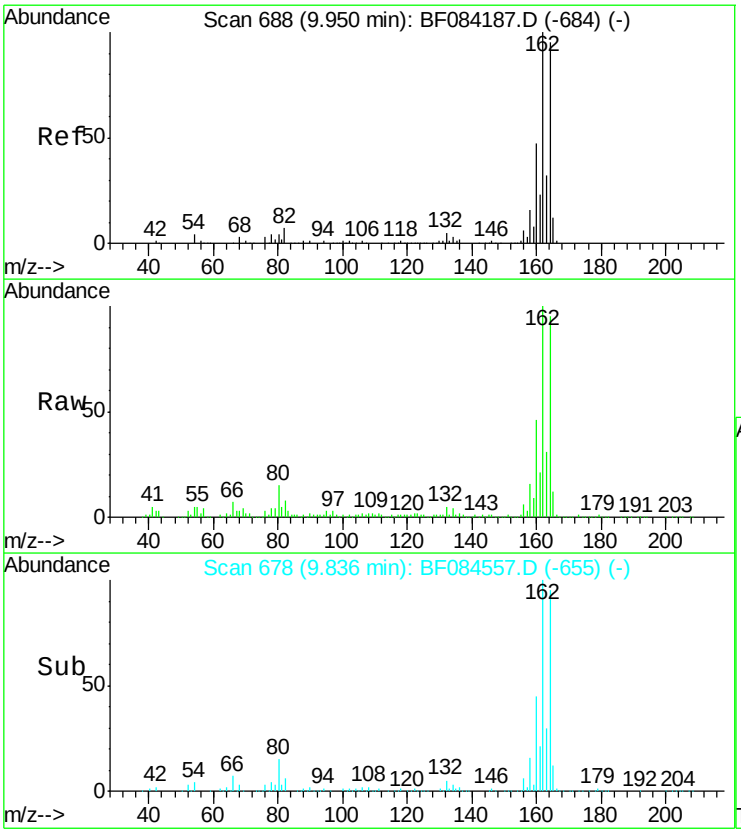
#37
2-Methylnaphthalene
Concen: 4.58 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:142 Resp: 122468

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.4	108.6
115	33.7	27.9	41.9

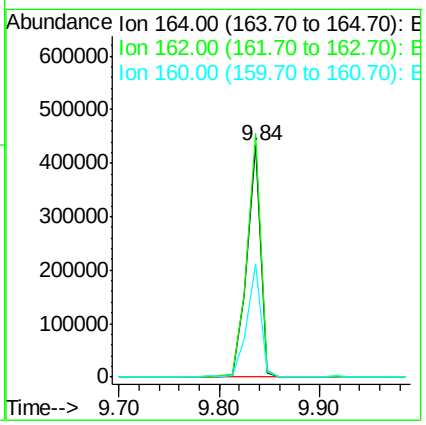


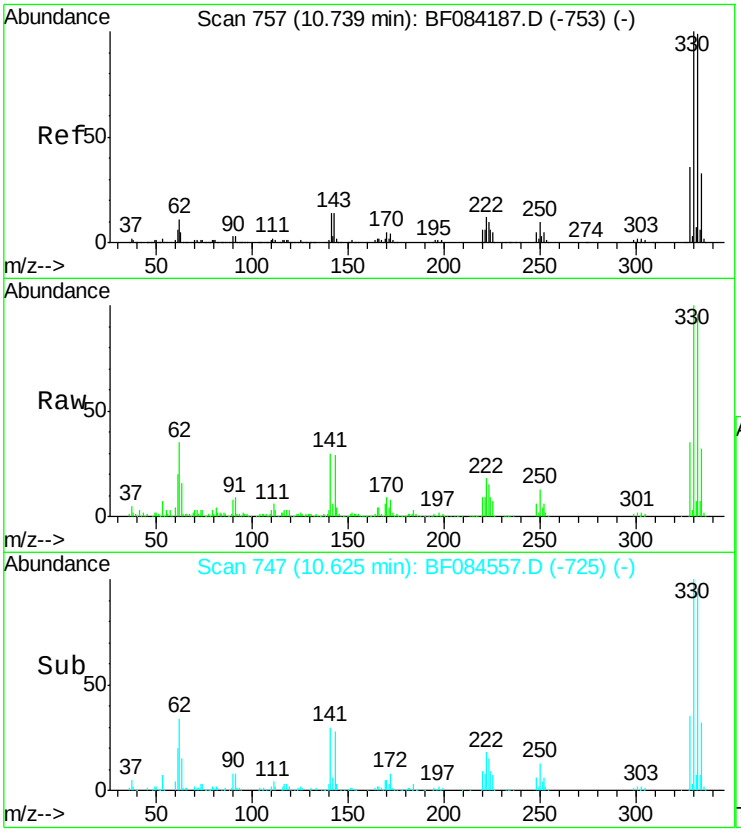


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:164 Resp: 409493

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	48.6	37.5	56.3



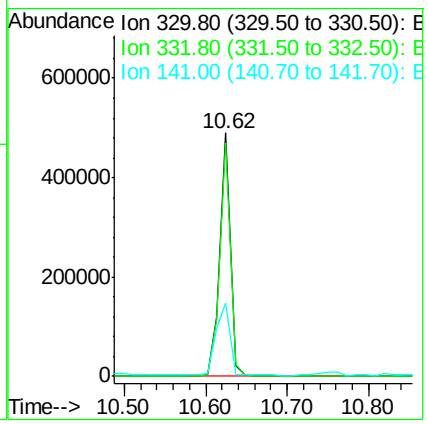


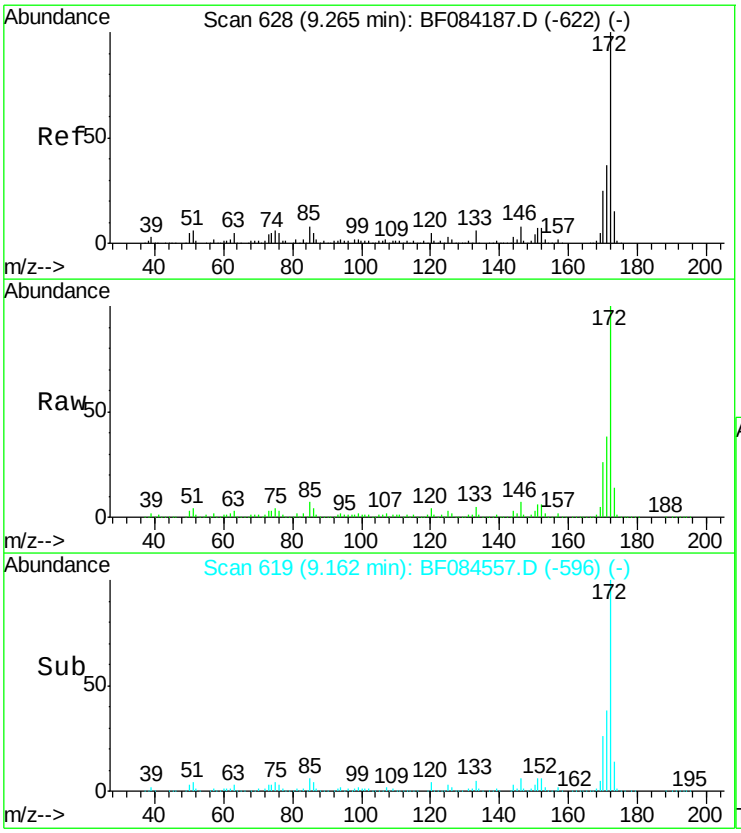
#41
2,4,6-Tribromophenol
Concen: 106.87 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:330 Resp: 441828

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	39.5	27.8	41.6

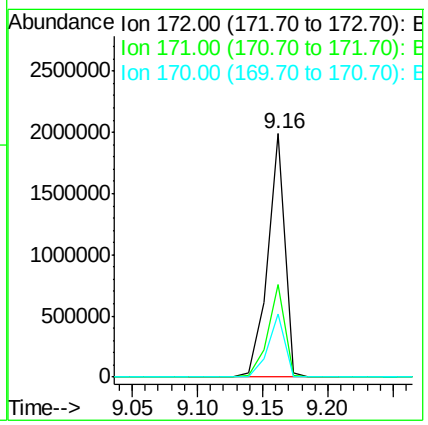


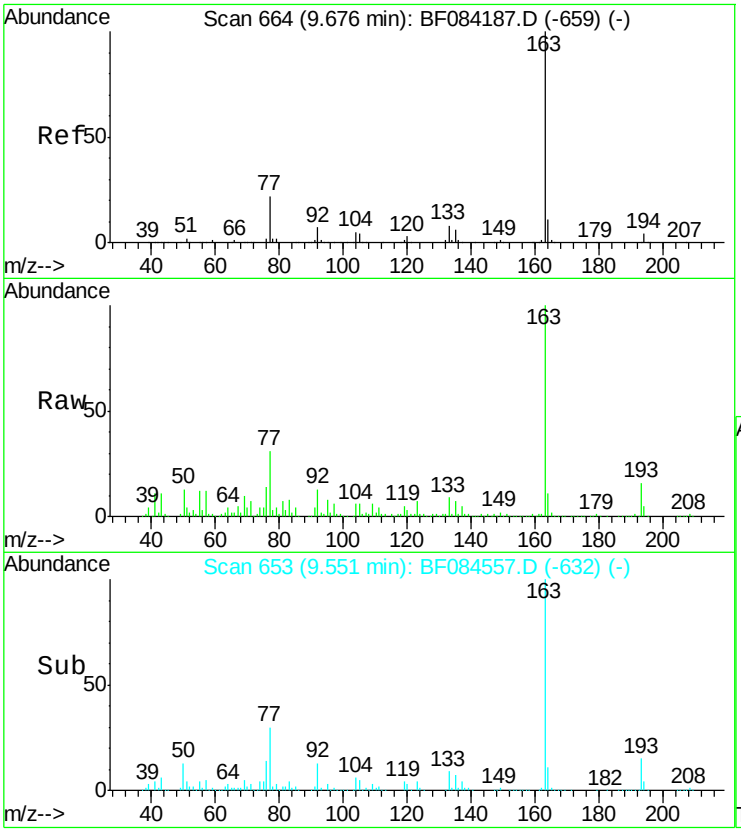


#44
2-Fluorobiphenyl
Concen: 78.18 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:172 Resp: 1831690

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.9	43.3
170	26.2	18.6	27.8



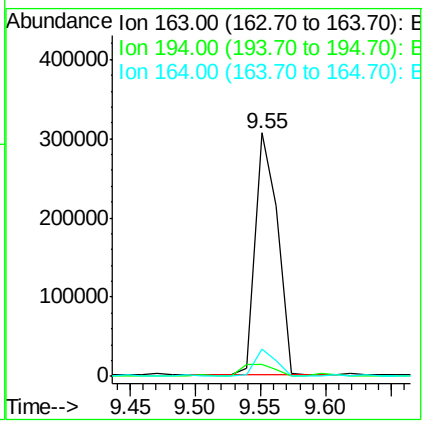


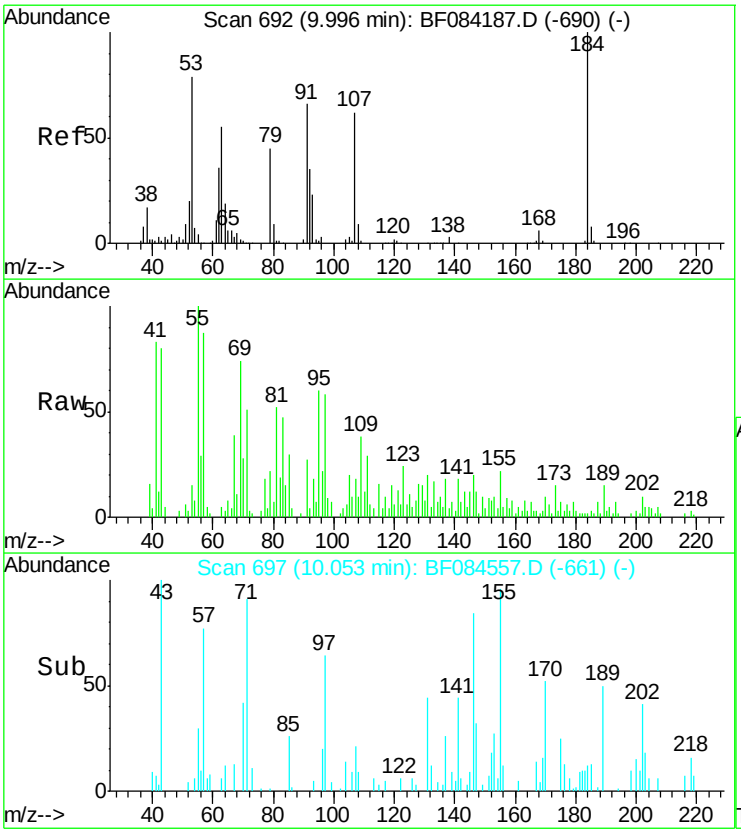
#49
Dimethylphthalate
Concen: 12.46 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.06 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:163 Resp: 364785

Ion	Ratio	Lower	Upper
163	100		
194	4.7	8.0	12.0#
164	11.3	8.0	12.0

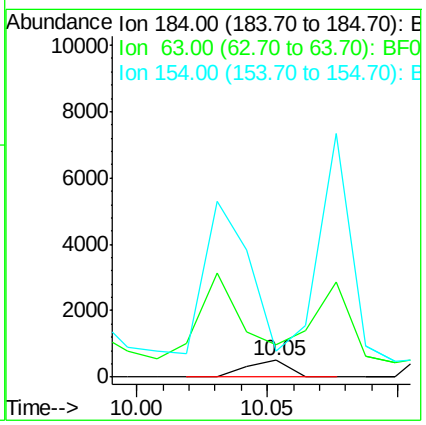


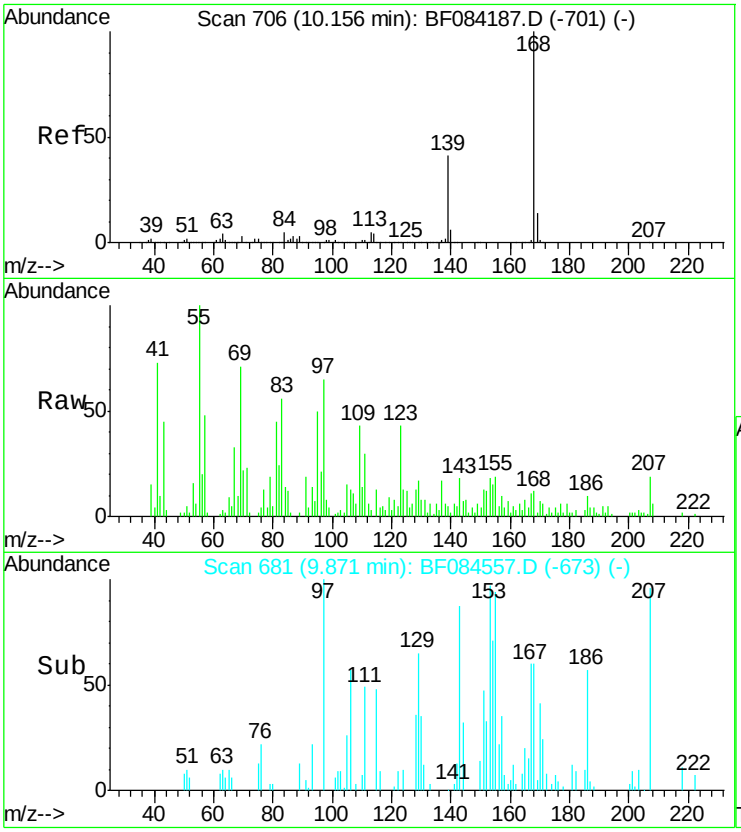


#53
2,4-Dinitrophenol
Concen: 3.75 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.11 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:184 Resp: 558

Ion	Ratio	Lower	Upper
184	100		
63	198.2	43.1	64.7#
154	156.5	60.5	90.7#



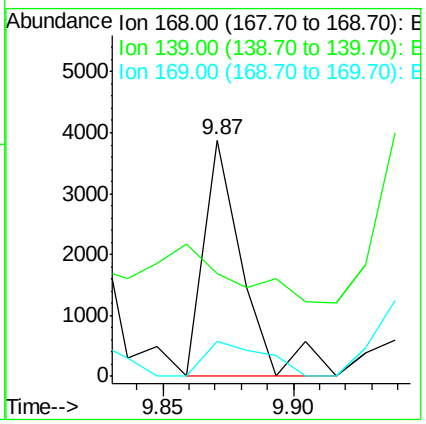


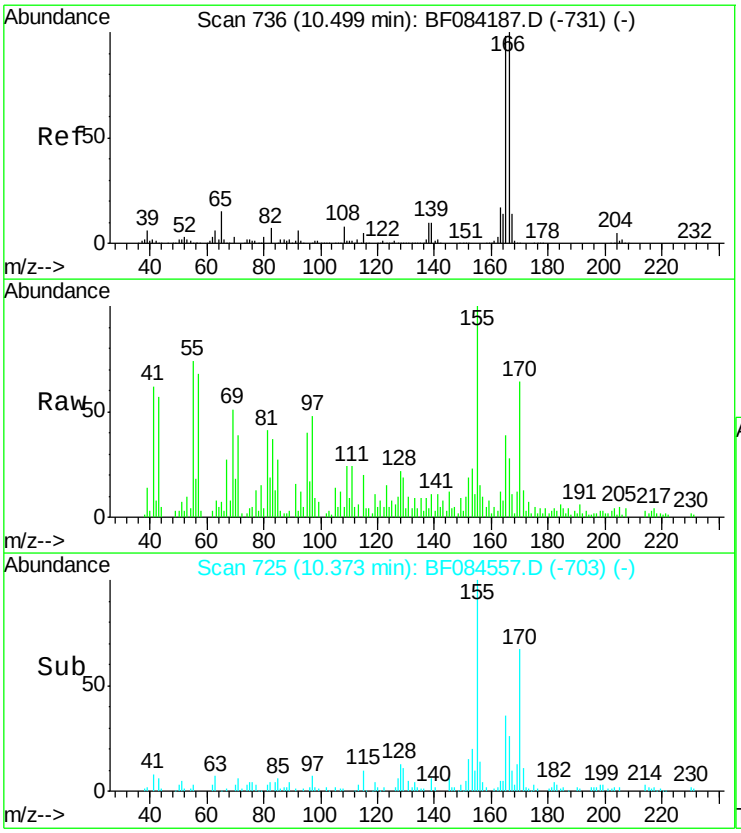
#54
Dibenzofuran
Concen: Below Cal
RT: 9.87 min Scan# 681
Delta R.T. -0.21 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:168 Resp: 4049

Ion	Ratio	Lower	Upper
168	100		
139	43.5	30.5	45.7
169	14.6	10.4	15.6

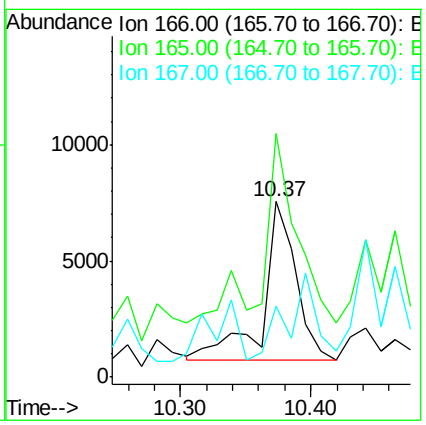


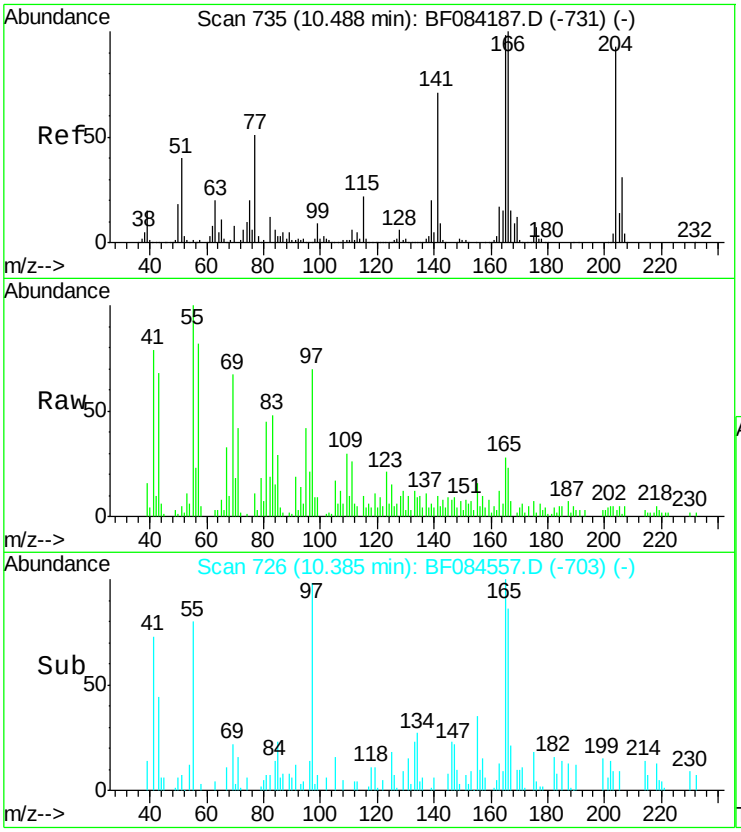


#57
Fluorene
Concen: Below Cal
RT: 10.37 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:166 Resp: 11960

Ion	Ratio	Lower	Upper
166	100		
165	139.0	79.1	118.7#
167	40.7	10.4	15.6#



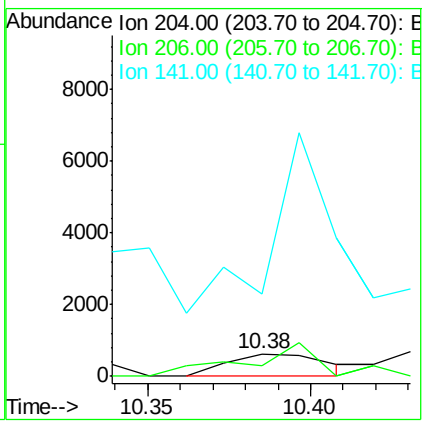


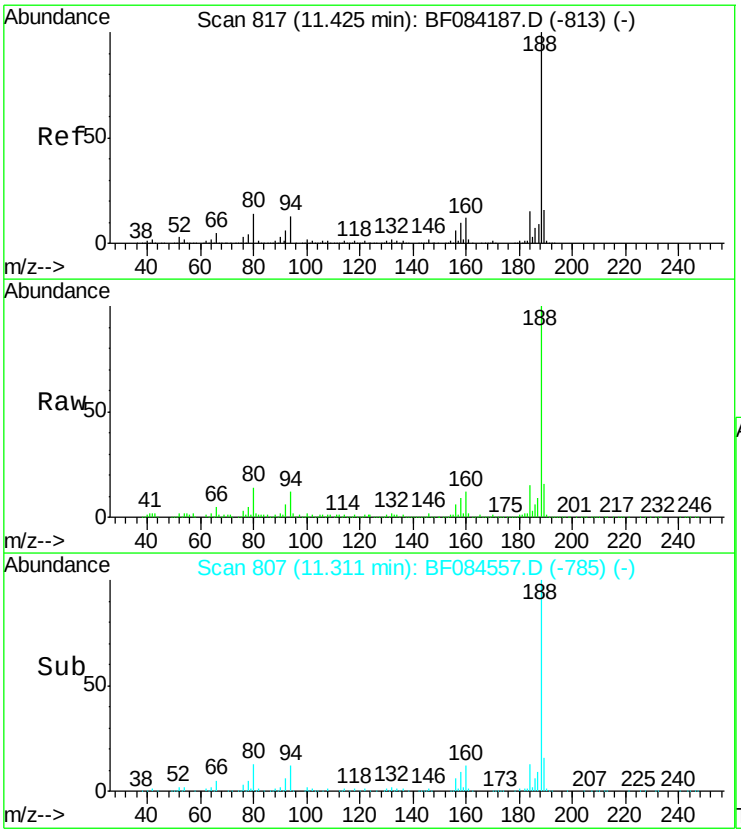
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:204 Resp: 1299

Ion	Ratio	Lower	Upper
204	100		
206	48.6	25.7	38.5#
141	371.3	55.1	82.7#

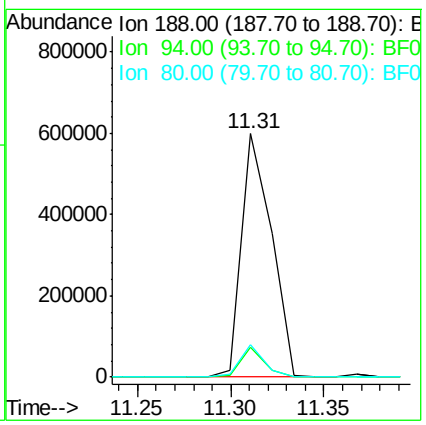


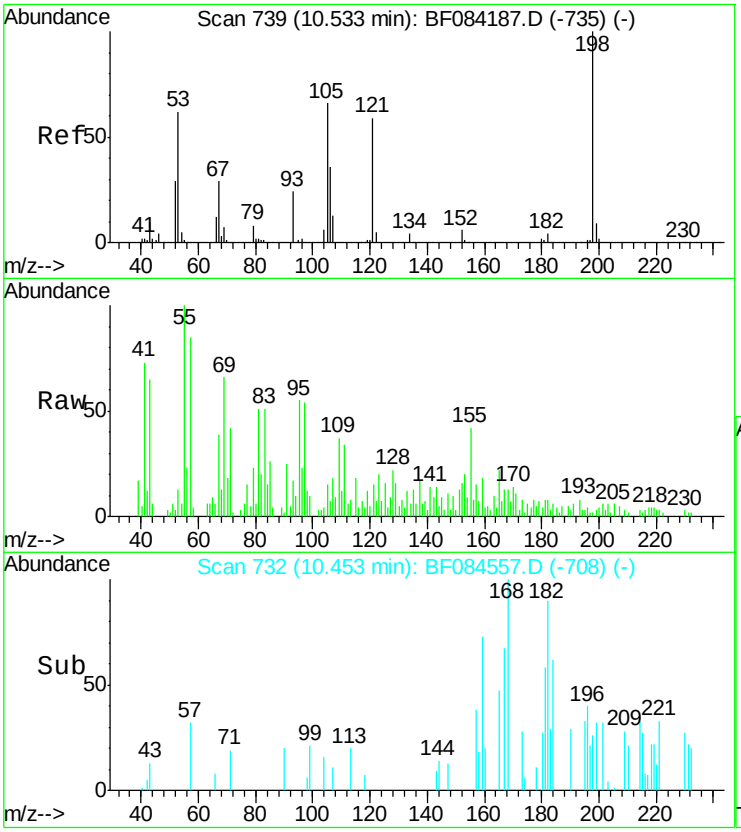


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:188 Resp: 667130

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.0	13.4
80	13.6	9.6	14.4



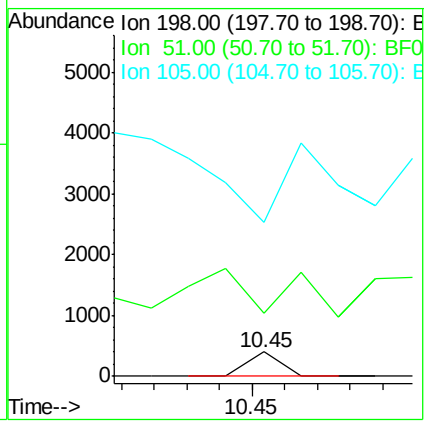


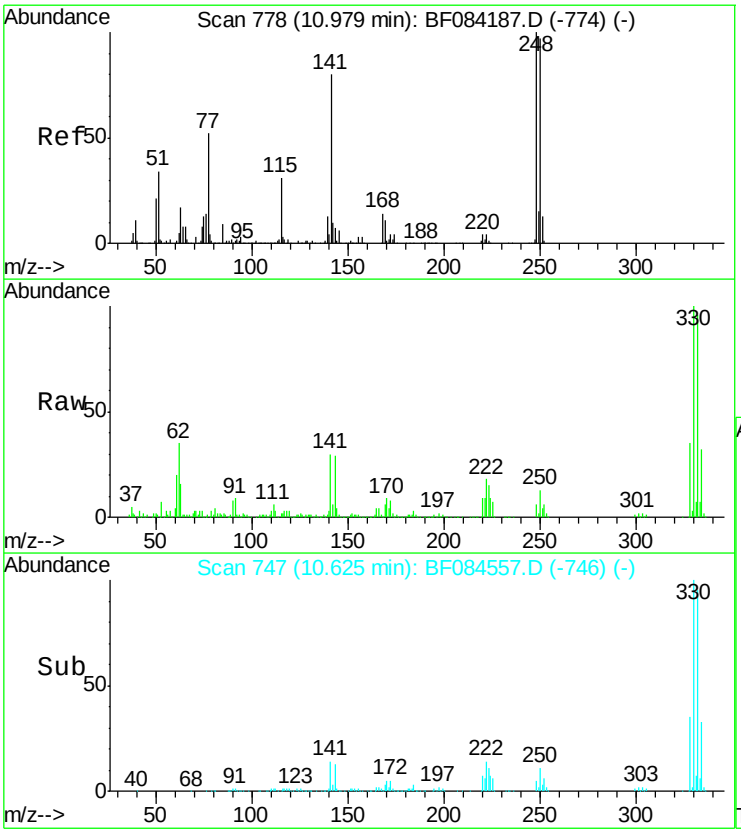
#64
4,6-Dinitro-2-methylphenol
Concen: 6.48 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:198 Resp: 274

Ion	Ratio	Lower	Upper
198	100		
51	258.6	18.9	58.9#
105	636.6	26.4	66.4#

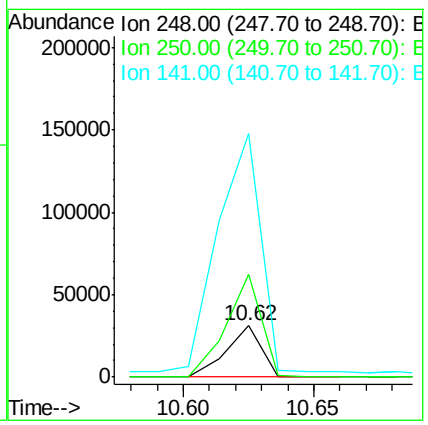


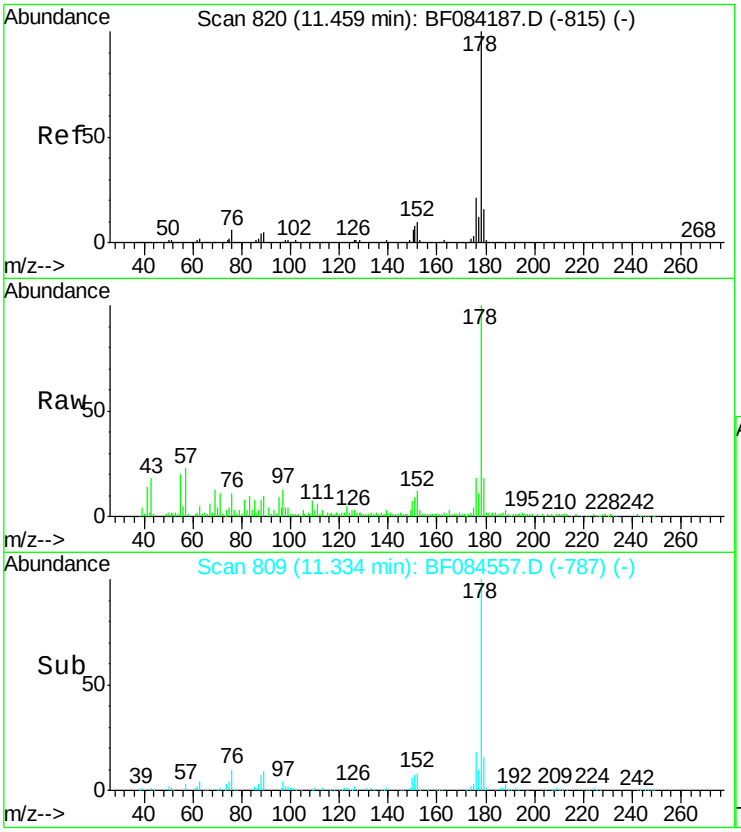


#66
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:248 Resp: 29243

Ion	Ratio	Lower	Upper
248	100		
250	199.5	78.4	117.6#
141	474.3	44.0	66.0#



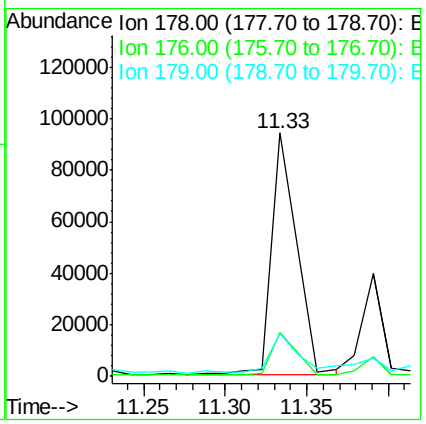


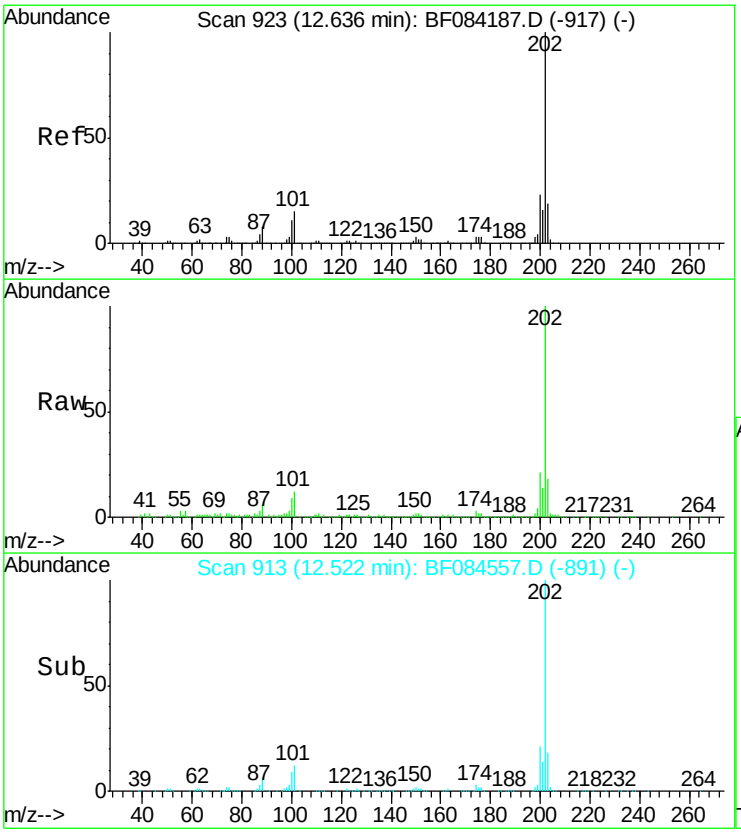
#70
Phenanthrene
Concen: 2.86 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:178 Resp: 99719

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	17.7	12.0	18.0

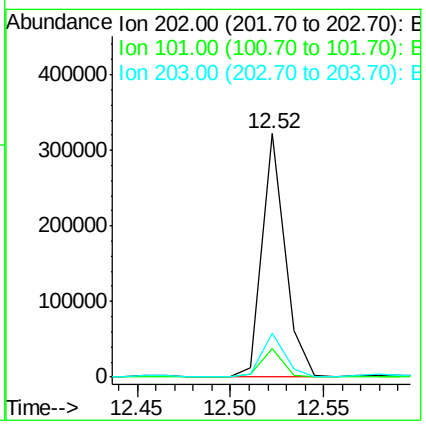


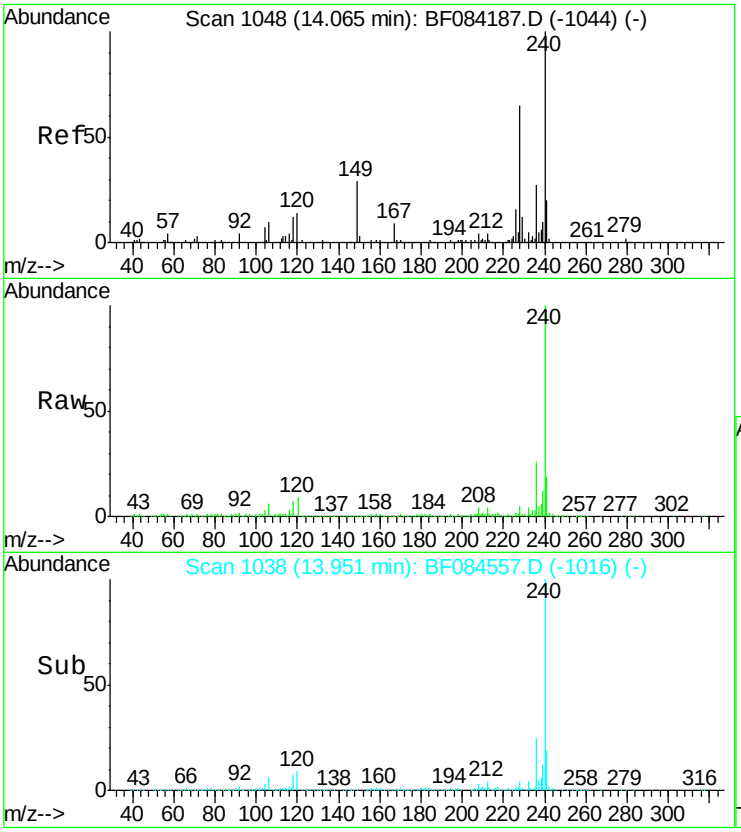


#74
Fluoranthene
Concen: 7.43 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:202 Resp: 270938

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.8
203	18.1	0.0	37.9



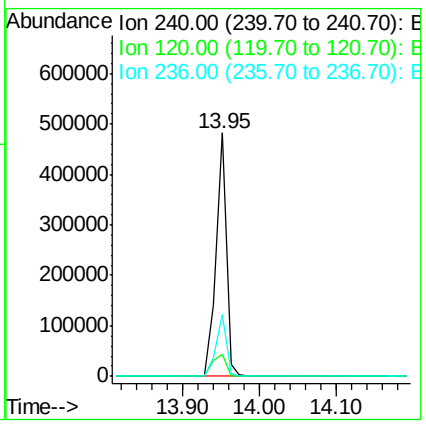


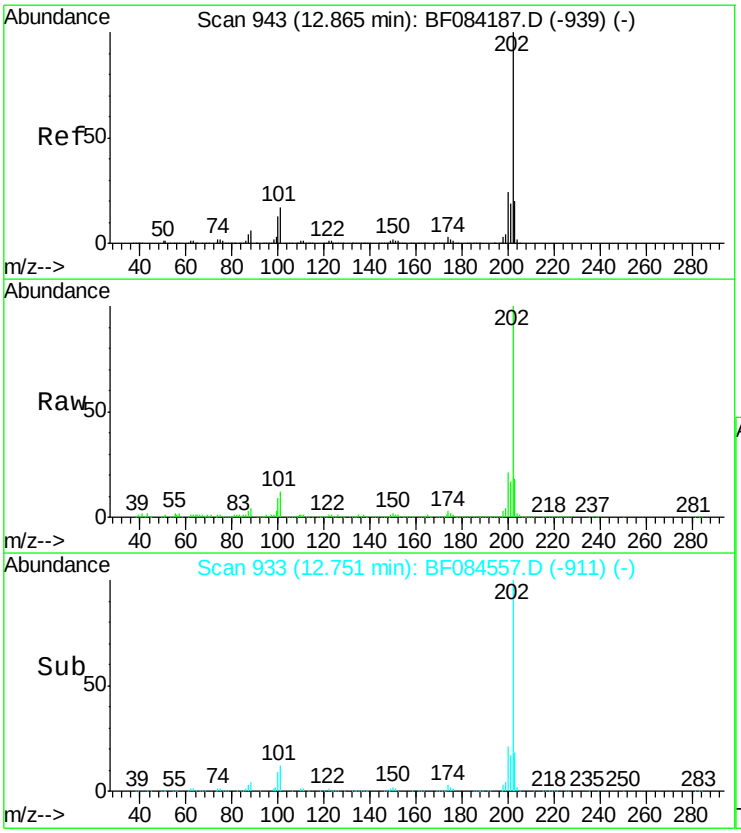
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:240 Resp: 451280

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.6	20.6	31.0

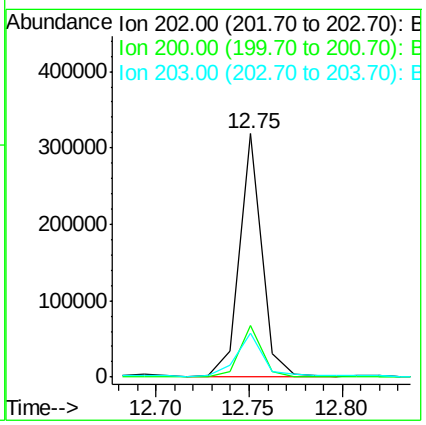


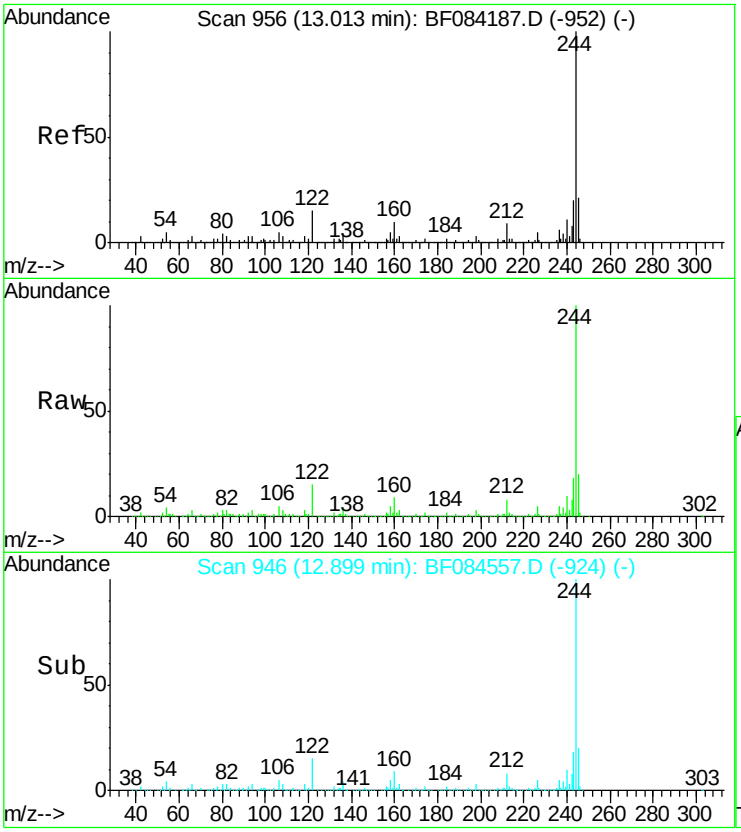


#77
Pyrene
Concen: 7.48 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:202 Resp: 264728

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.9	14.3	21.5



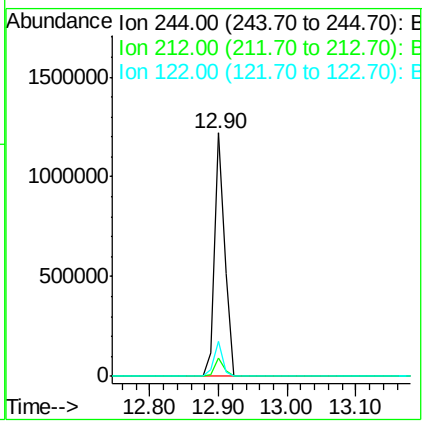


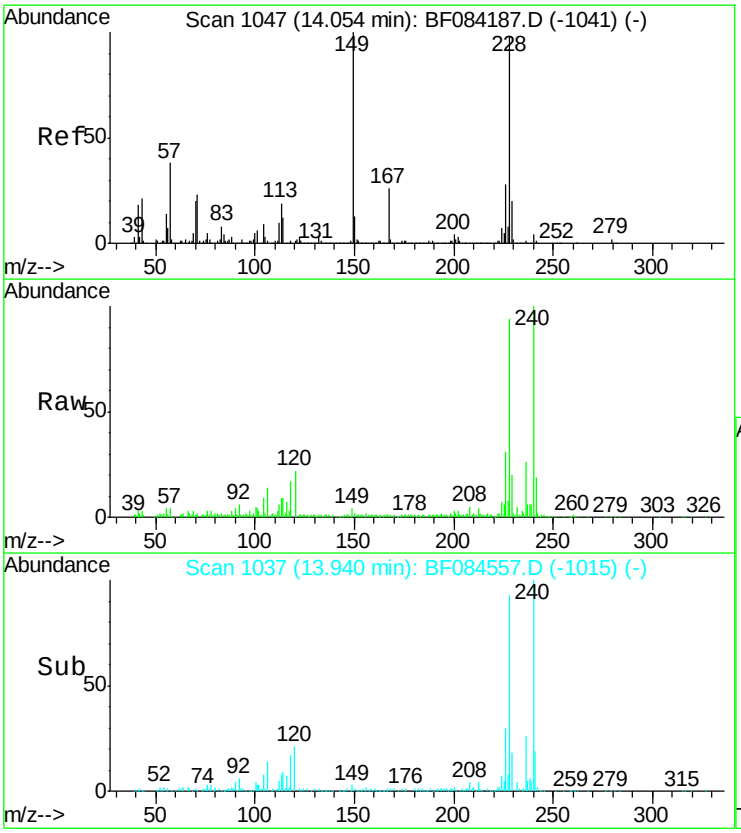
#78
Terphenyl-d14
Concen: 63.55 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:244 Resp: 1284757

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

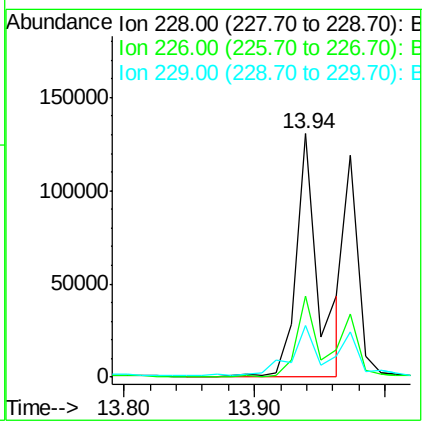


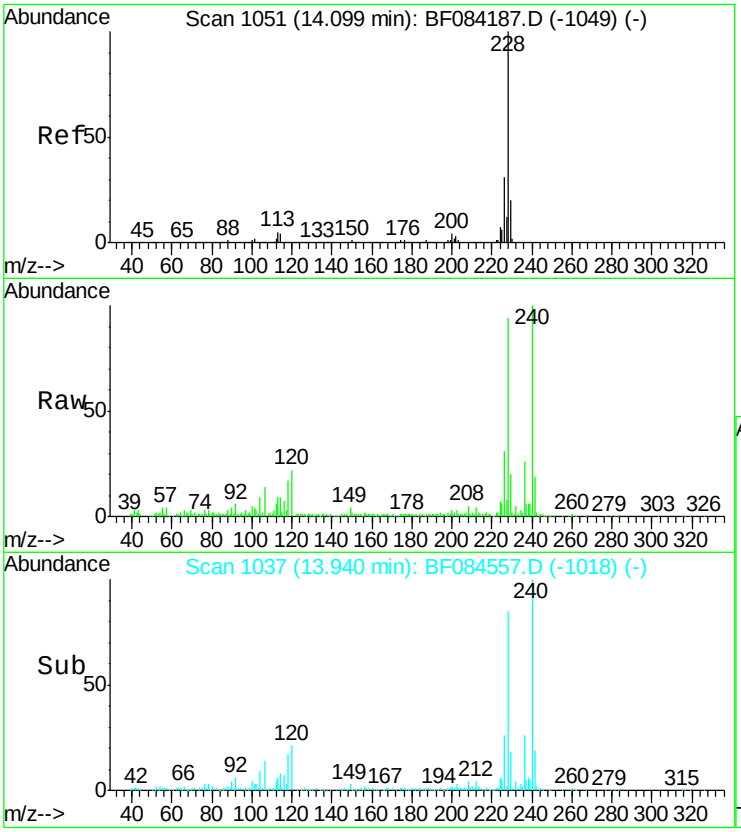


#80
Benzo(a)anthracene
Concen: 5.85 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:228 Resp: 154998

Ion	Ratio	Lower	Upper
228	100		
226	33.4	21.8	32.6#
229	21.0	15.8	23.8



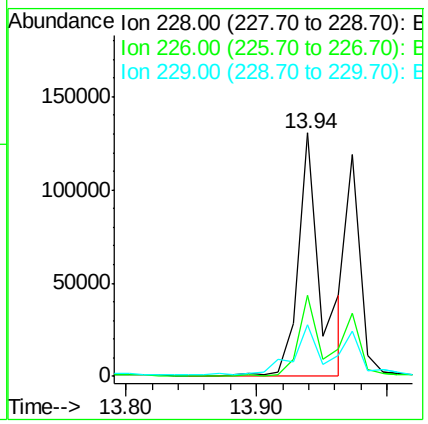


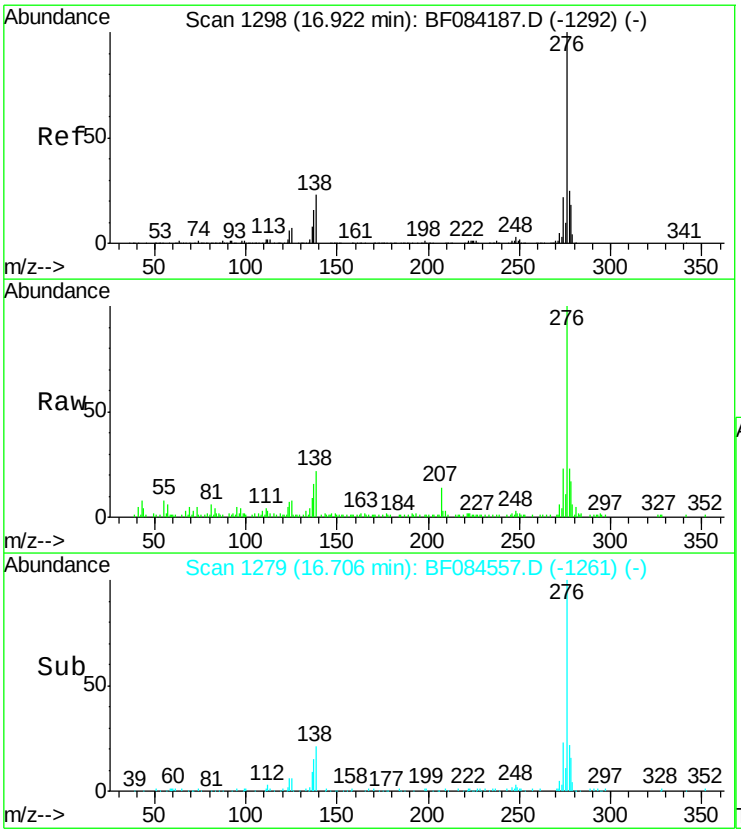
#82
Chrysene
Concen: 6.09 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:228 Resp: 154998

Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.3	36.5
229	21.0	16.1	24.1

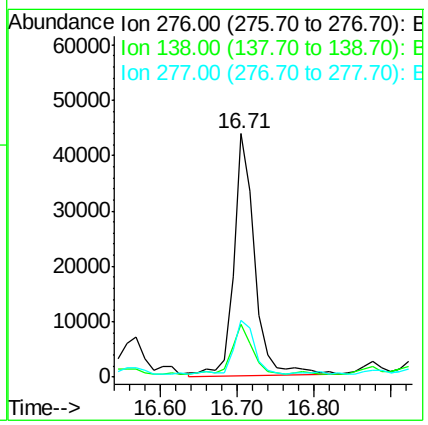


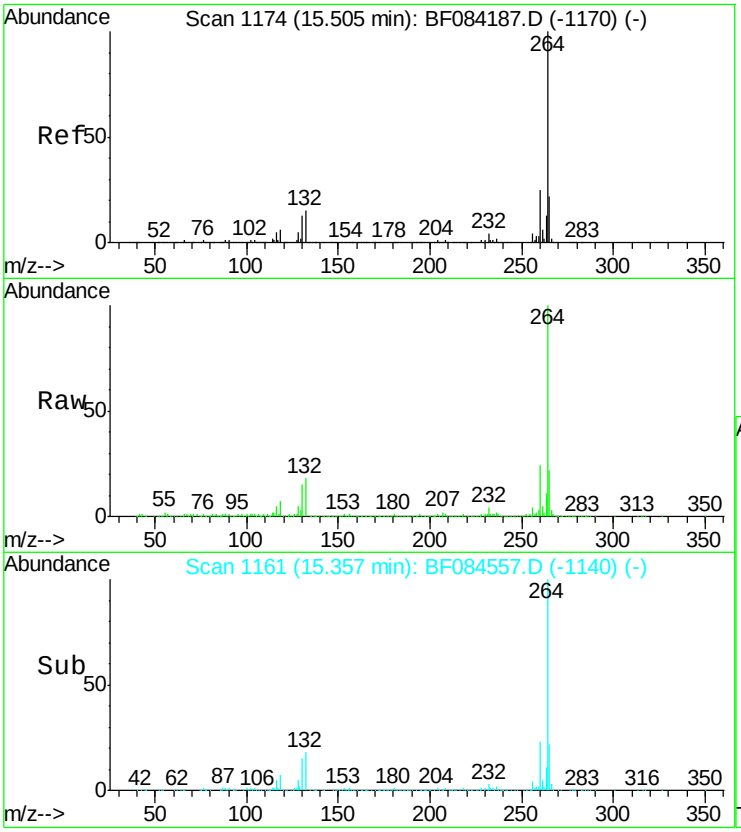


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.13 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.09 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:276 Resp: 83320

Ion	Ratio	Lower	Upper
276	100		
138	21.2	20.6	30.8
277	23.6	20.1	30.1



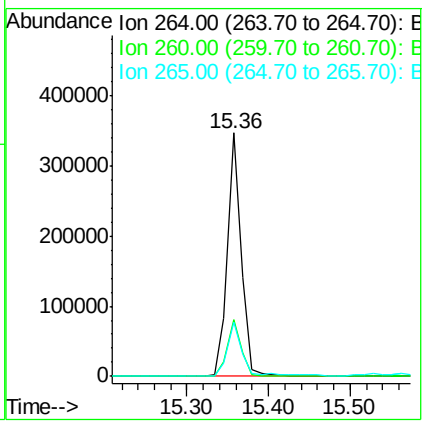


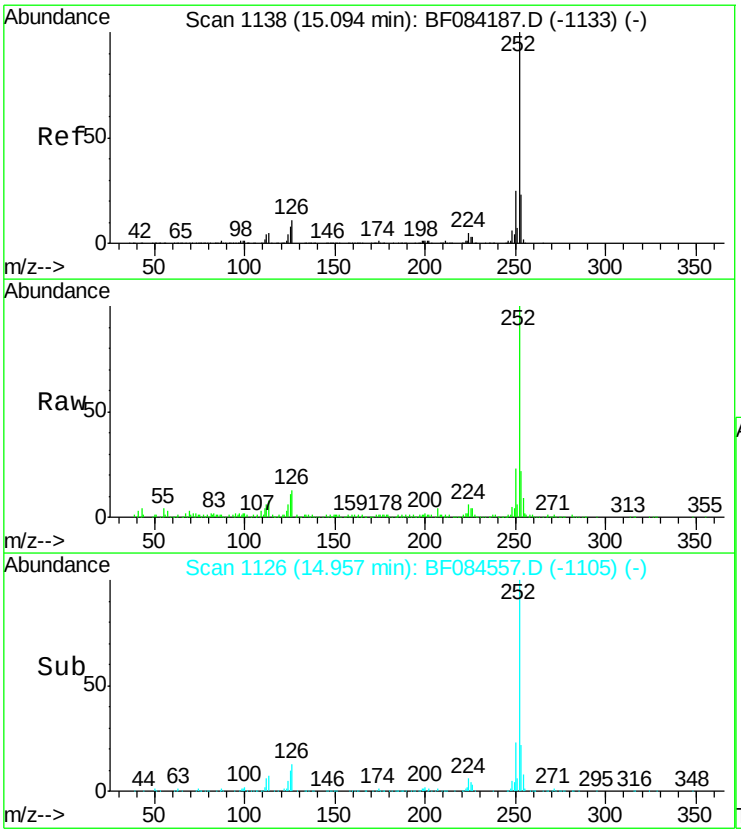
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:264 Resp: 410688

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.4	17.8	26.6

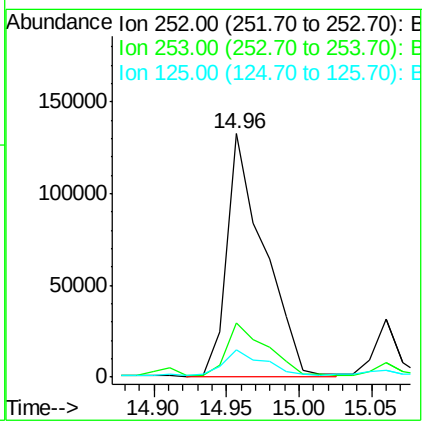


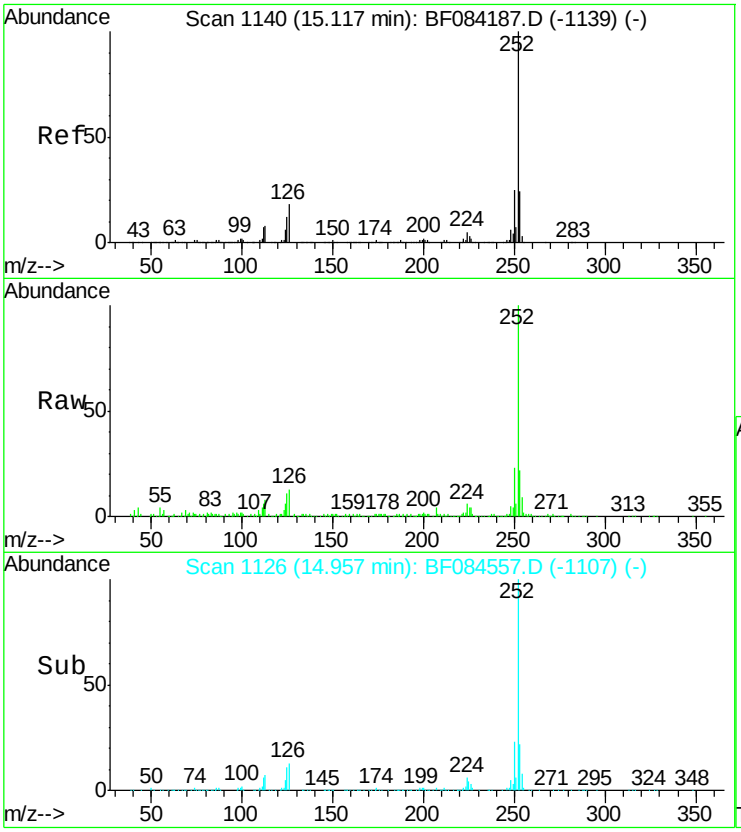


#87
Benzo(b)fluoranthene
Concen: 8.72 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:252 Resp: 234131

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	11.4	6.5	9.7#



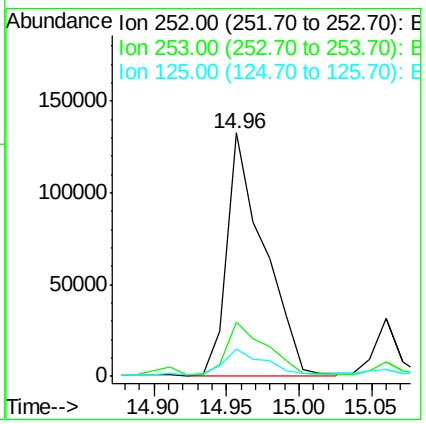


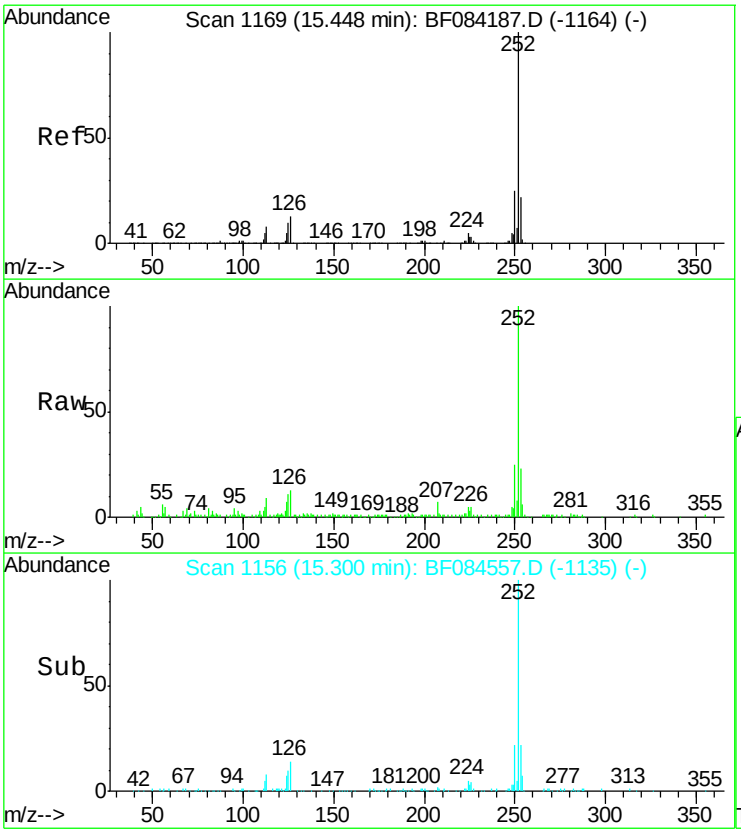
#88
Benzo(k)fluoranthene
Concen: 10.66 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.08 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:252 Resp: 234131

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.4	9.0	13.6

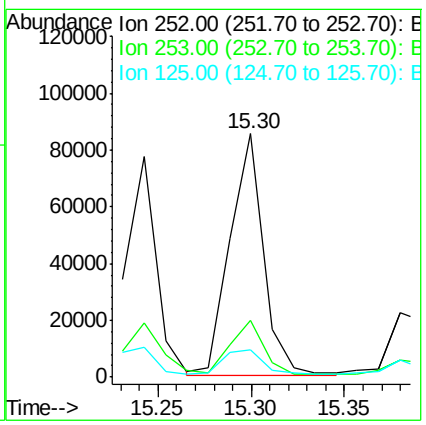


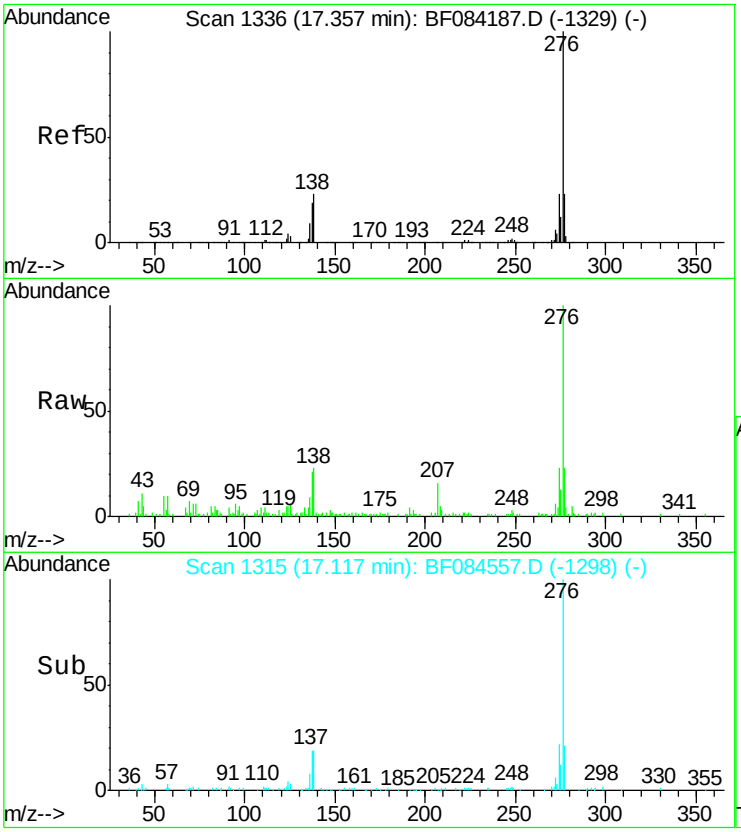


#89
Benzo(a)pyrene
Concen: 4.67 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Tgt Ion:252 Resp: 106523

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	11.0	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 3.64 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.10 min
Lab File: BF084557.D
Acq: 19 Jan 2016 17:34

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:276 Resp: 73960

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	22.9	17.8	26.6