Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086950.D
Acq On : 13 May 2016 00:47
Operator : UM/SJ
Sample : H2994-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1720-00(0-2)

Quant Time: May 13 02:24:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	133448	20.00	ng		-0.01
21) Naphthalene-d8	7.91	136	527917	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	217111	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	308739	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	265200	20.00	ng		0.00
86) Perylene-d12	15.13	264	257693	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	711025	90.23	ng		0.00
7) Phenol-d6	6.28	99	900021	85.46	ng		-0.01
23) Nitrobenzene-d5	7.20	82	676587	64.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	157533	68.54	ng		-0.01
44) 2-Fluorobiphenyl	8.99	172	931604	72.12	ng		0.00
78) Terphenyl-d14	12.72	244	576061	46.09	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	96894	13.17	ng	#	80
25) Isophorone	7.20	82	658346	33.75	ng	#	68
31) Naphthalene	7.93	128	146647	5.55	ng		99
37) 2-Methylnaphthalene	8.63	142	72014	4.66	ng		99
48) Acenaphthylene	9.52	152	230907	11.60	ng		98
49) Dimethylphthalate	9.39	163	88398	5.34	ng		98
53) 2,4-Dinitrophenol	9.94	184	631	8.01	ng	#	39
54) Dibenzofuran	9.86	168	45158	2.84	ng	#	97
55) 4-Nitrophenol	9.77	139	689	4.83	ng	#	25
60) 4-Chlorophenyl-phenylether	10.02	204	455	Below Cal		#	1
66) 4-Bromophenyl-phenylether	10.44	248	10095	3.23	ng	#	1
70) Phenanthrene	11.15	178	358660	21.77	ng		99
71) Anthracene	11.21	178	217065	12.88	ng		98
72) Carbazole	11.37	167	49501	3.42	ng		98
74) Fluoranthene	12.34	202	1071174	63.21	ng		98
77) Pyrene	12.57	202	1089058	53.64	ng		100
80) Benzo(a)anthracene	13.76	228	743933	49.97	ng	#	93
82) Chrysene	13.76	228	743933	49.12	ng		95
85) Indeno(1,2,3-cd)pyrene	16.38	276	293133	23.26	ng	#	90
87) Benzo(b)fluoranthene	14.77	252	1182520	70.61	ng		96
88) Benzo(k)fluoranthene	14.77	252	1182520	86.23	ng		99
89) Benzo(a)pyrene	15.07	252	491513	34.03	ng		95
90) Dibenzo(a,h)anthracene	16.39	278	89436	7.35	ng		94
91) Benzo(g,h,i)perylene	16.75	276	241280	19.50	ng		95

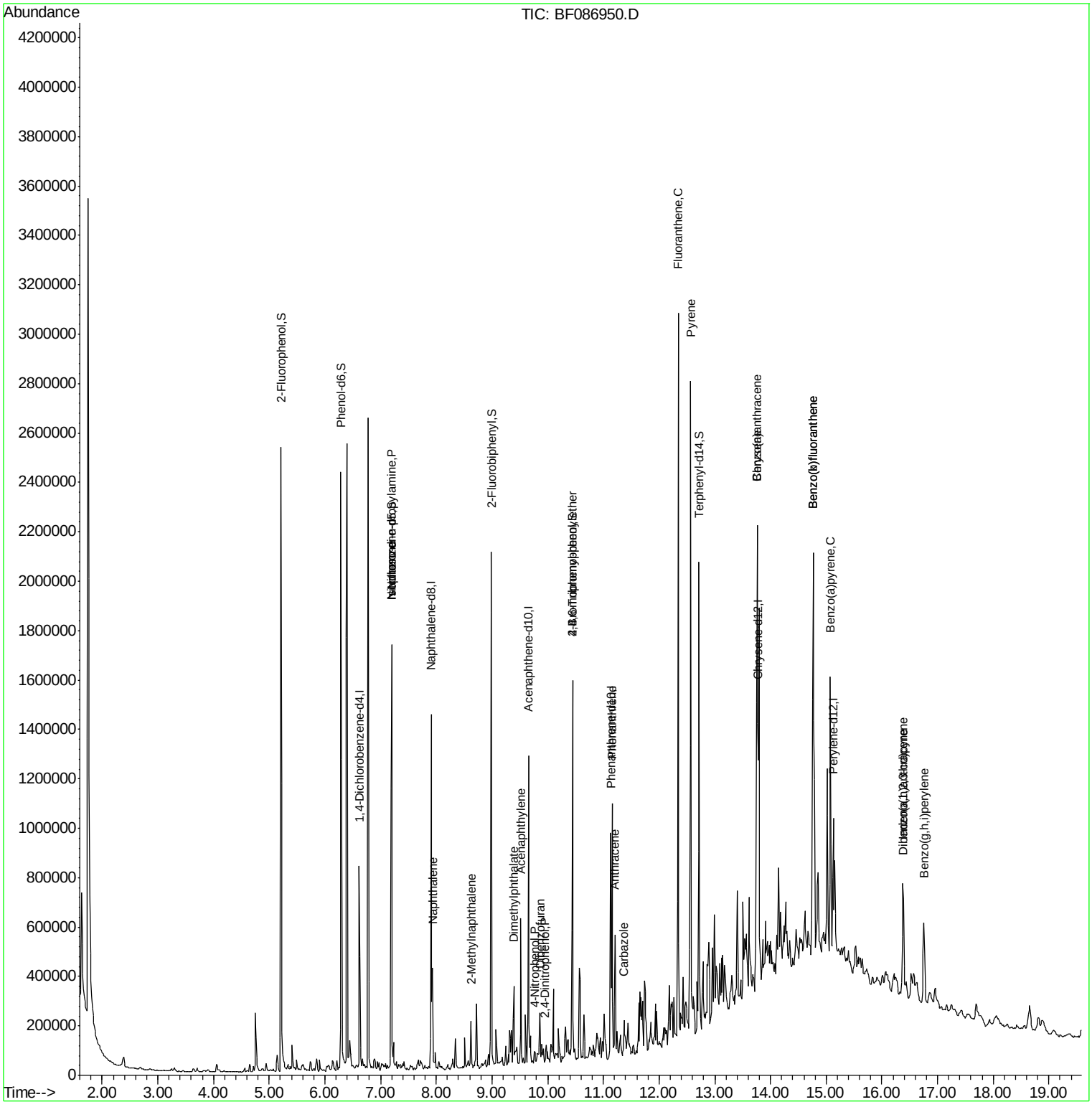
(#) = qualifier out of range (m) = manual integration (+) = signals summed

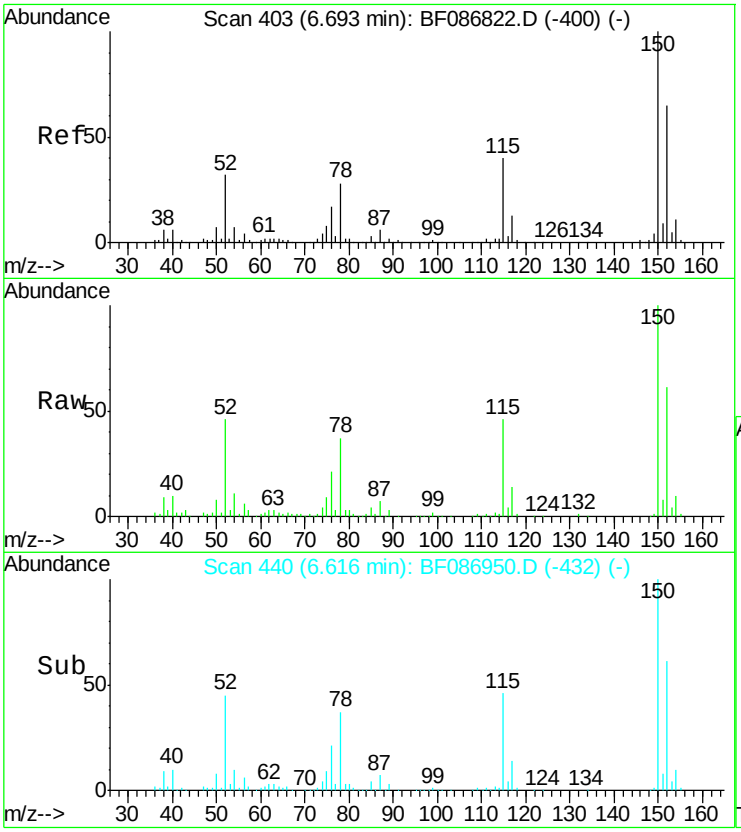
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086950.D
Acq On : 13 May 2016 00:47
Operator : UM/SJ
Sample : H2994-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Quant Time: May 13 02:24:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration



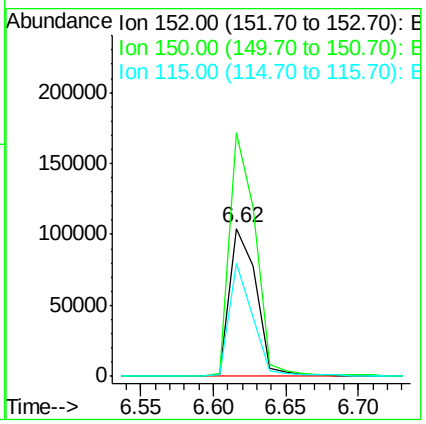


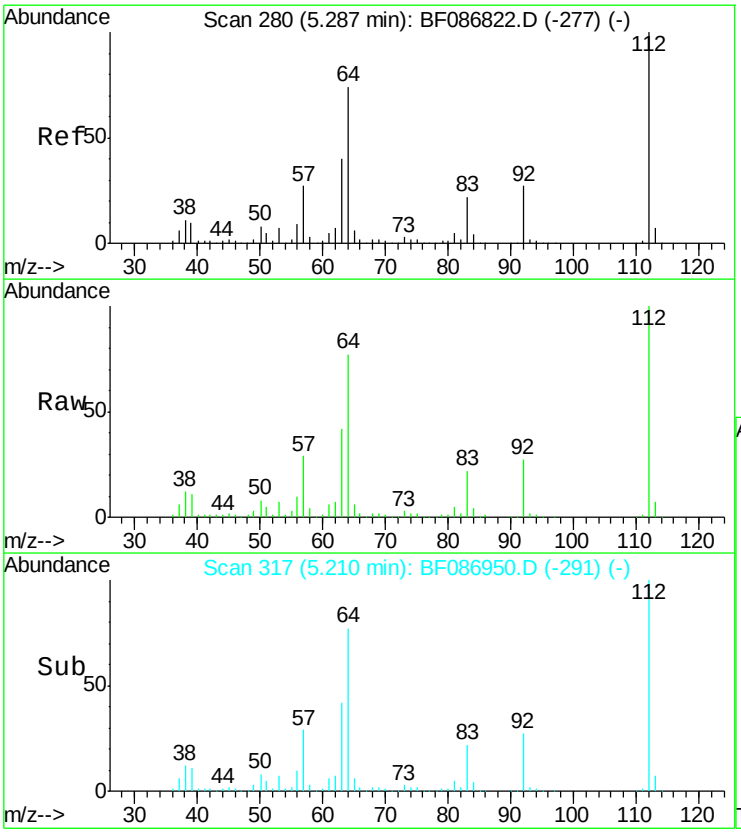
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:152 Resp: 133448

Ion	Ratio	Lower	Upper
152	100		
150	164.8	125.8	188.6
115	76.3	51.5	77.3

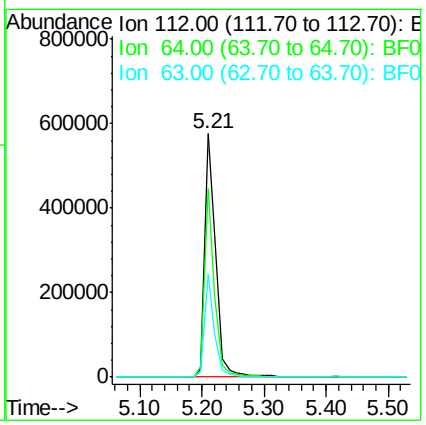


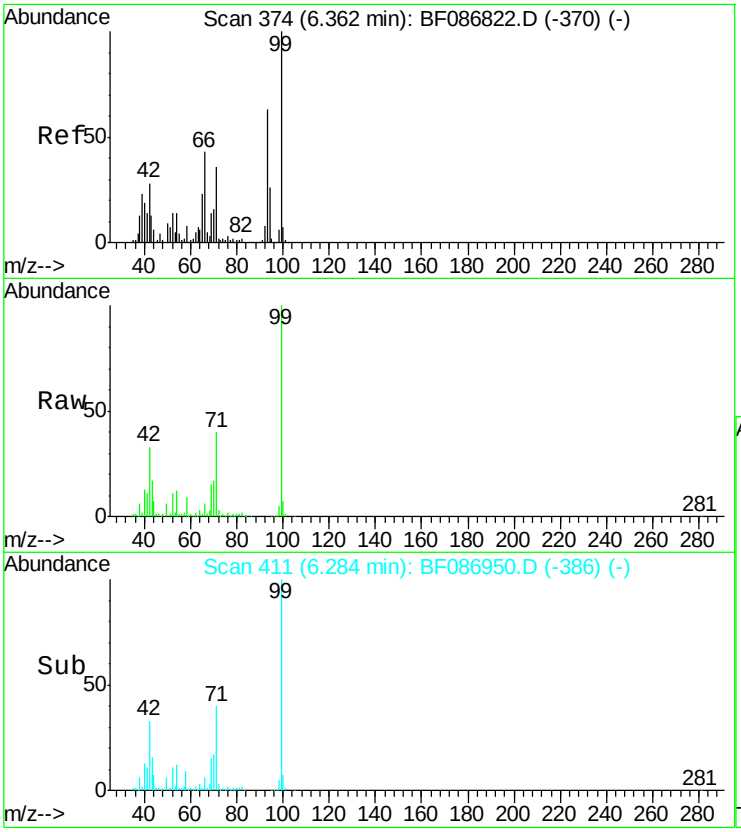


#5
2-Fluorophenol
Concen: 90.23 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:112 Resp: 711025

Ion	Ratio	Lower	Upper
112	100		
64	77.5	52.1	78.1
63	42.2	25.7	38.5#



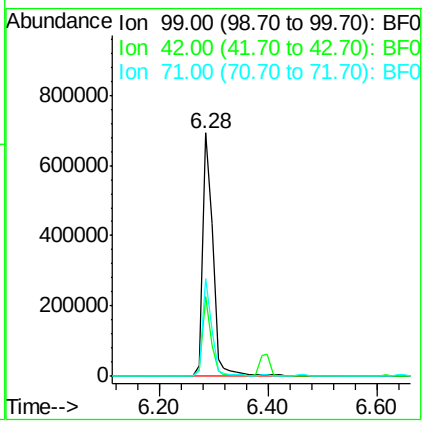


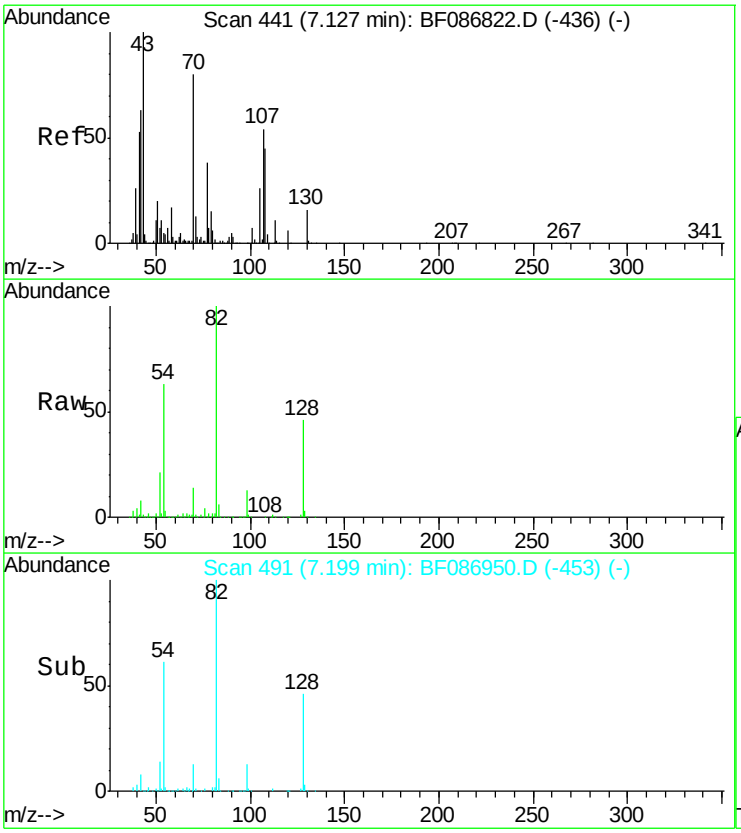
#7
Phenol-d6
Concen: 85.46 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion: 99 Resp: 900021

Ion	Ratio	Lower	Upper
99	100		
42	33.0	13.6	20.4#
71	40.3	24.6	36.8#

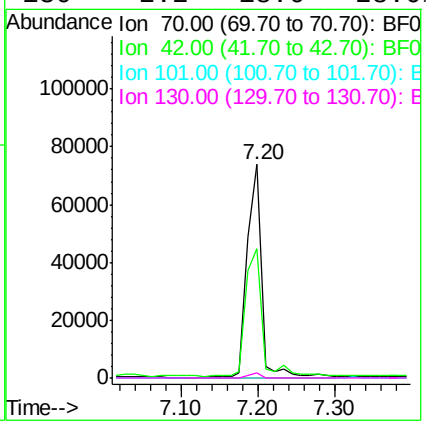


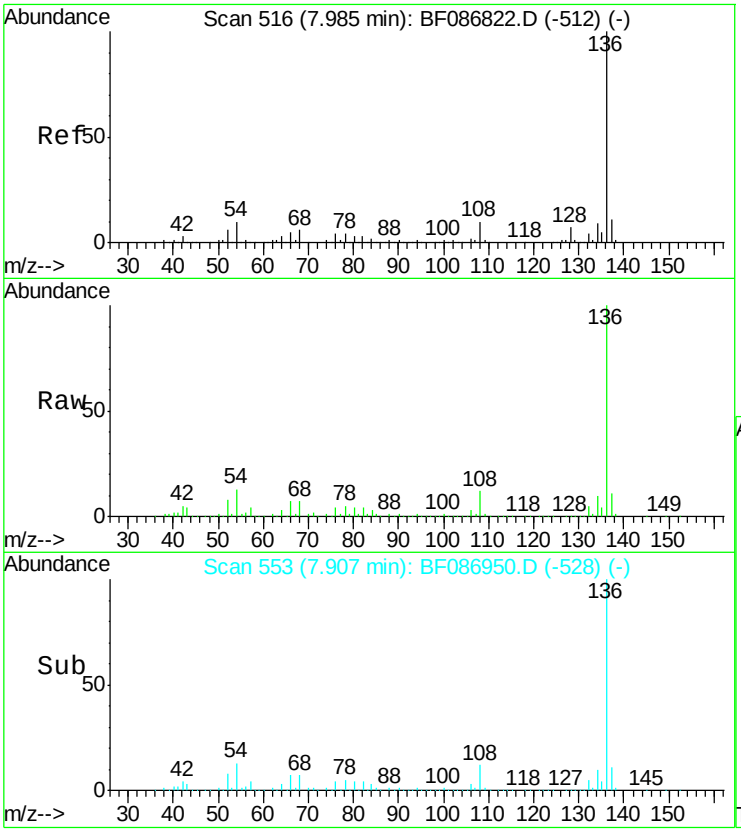


#19
n-Nitroso-di-n-propylamine
Concen: 13.17 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion: 70 Resp: 96894

Ion	Ratio	Lower	Upper
70	100		
42	60.2	43.1	64.7
101	0.0	8.1	12.1#
130	2.2	18.6	28.0#



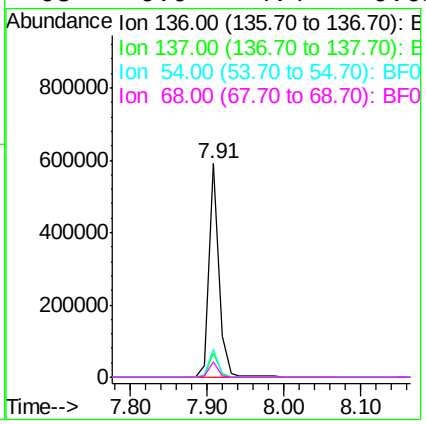


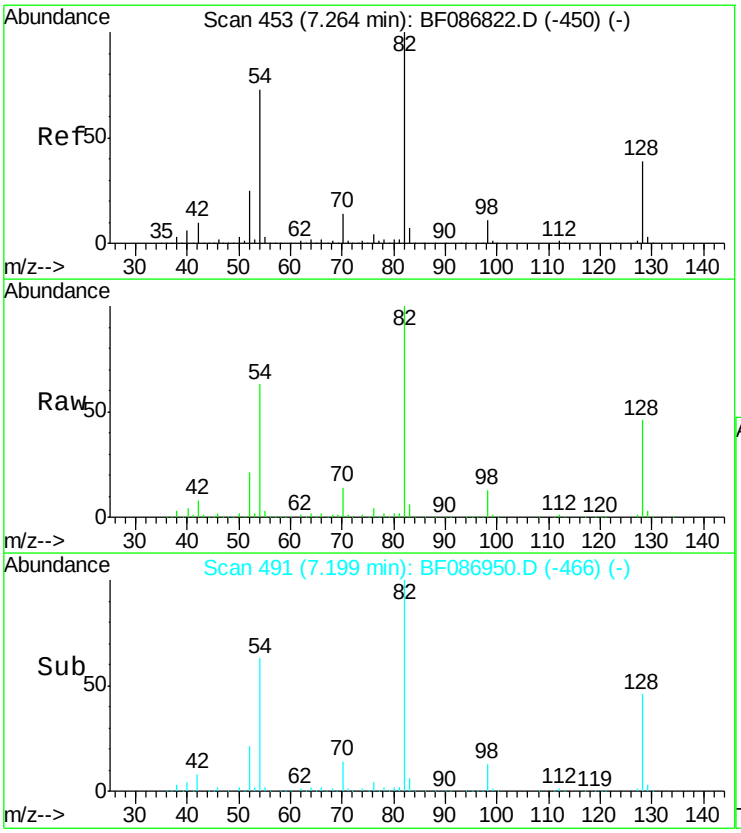
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:136 Resp: 527917

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.1	5.0	7.4#
68	6.9	4.4	6.6#

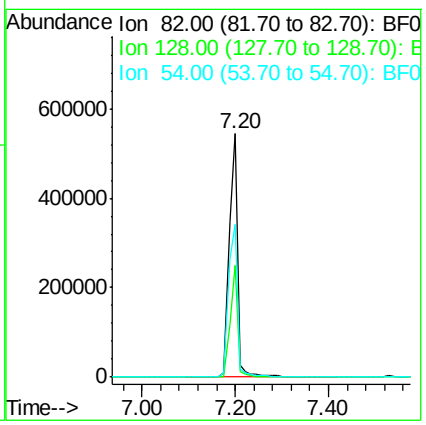


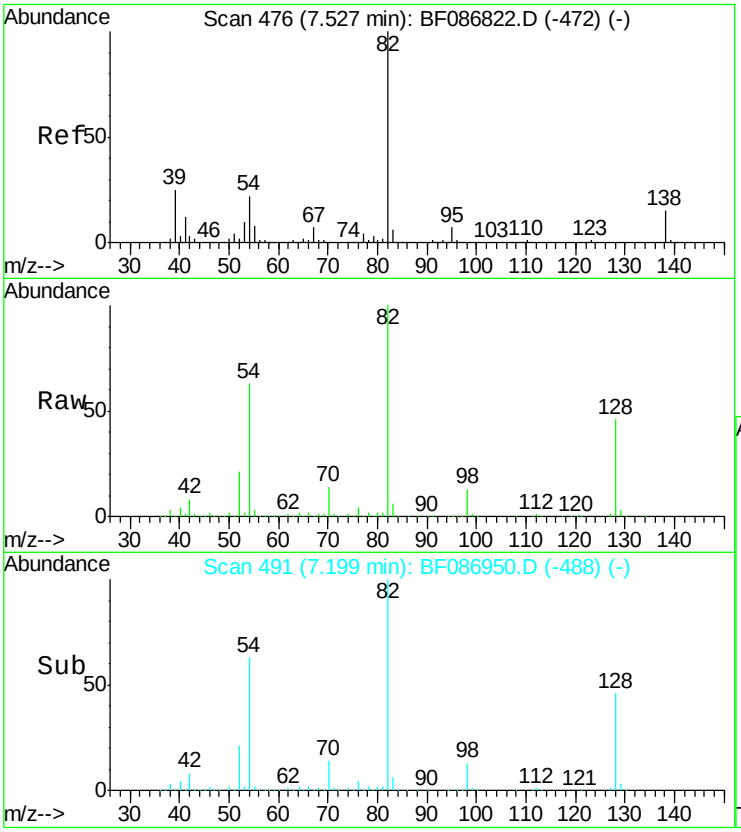


#23
Nitrobenzene-d5
Concen: 64.35 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion: 82 Resp: 676587

Ion	Ratio	Lower	Upper
82	100		
128	46.1	40.6	61.0
54	62.7	38.1	57.1#



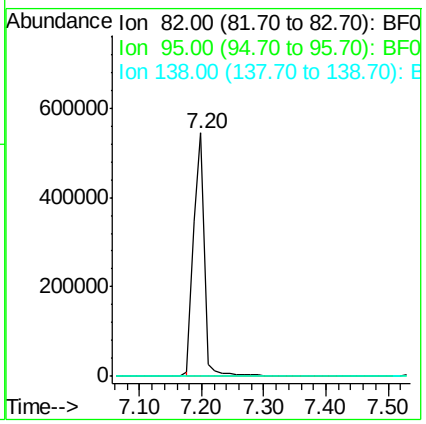


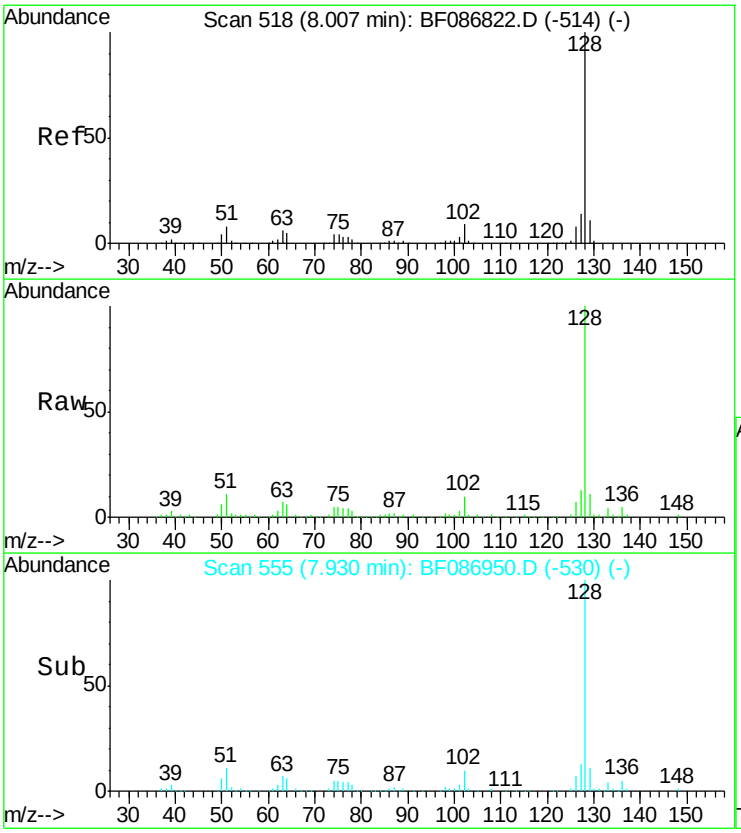
#25
Isophorone
Concen: 33.75 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.26 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion: 82 Resp: 658346

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#

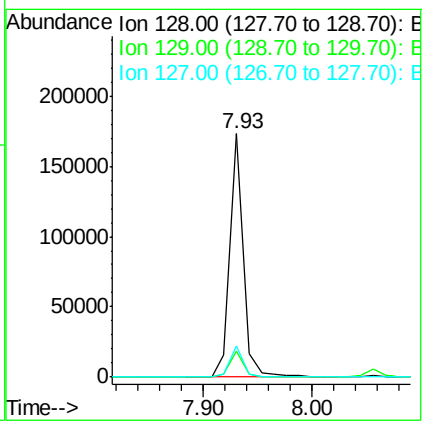


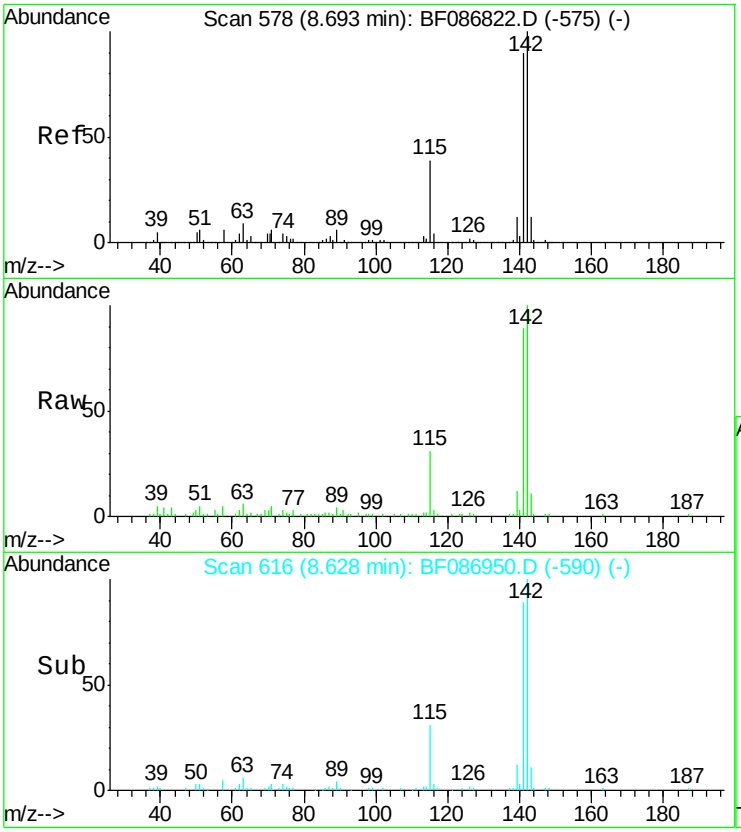


#31
Naphthalene
Concen: 5.55 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:128 Resp: 146647

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.6	10.8	16.2



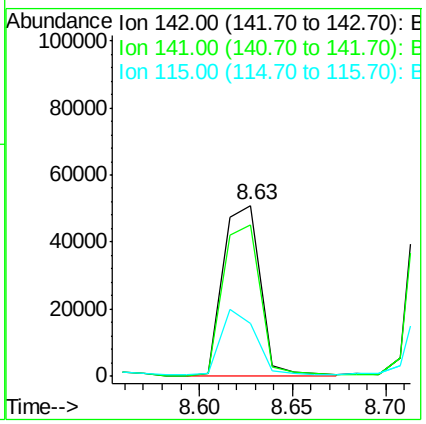


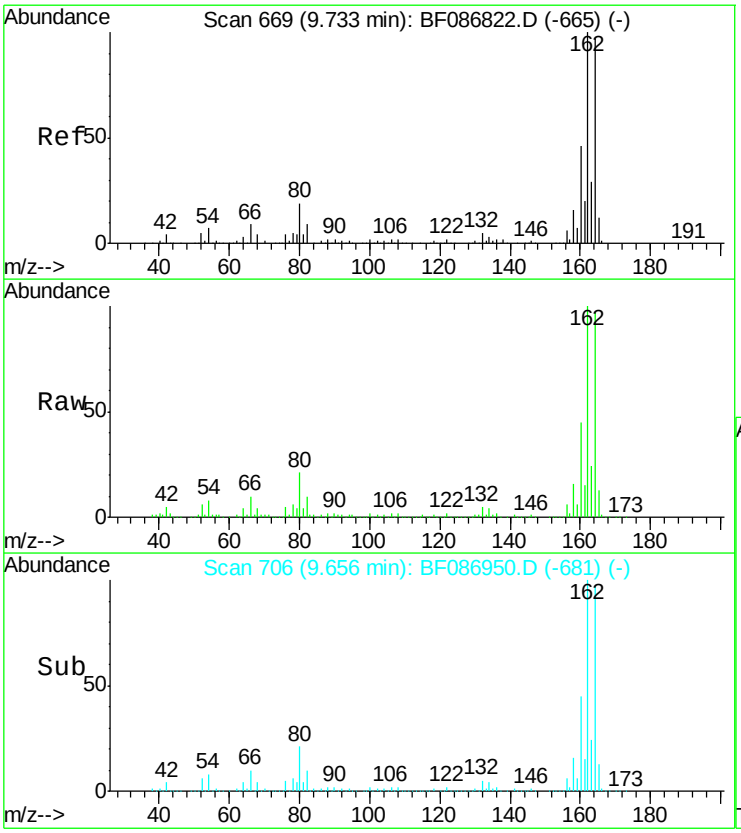
#37
2-Methylnaphthalene
Concen: 4.66 ng
RT: 8.63 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:142 Resp: 72014

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	30.9	26.6	39.8

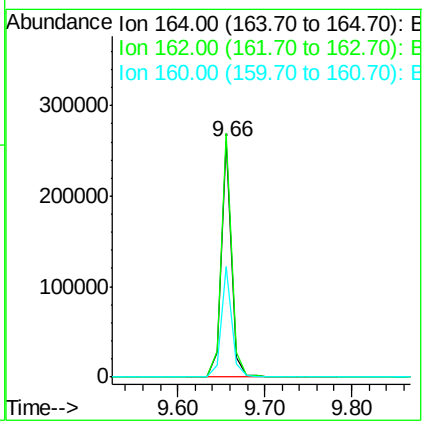


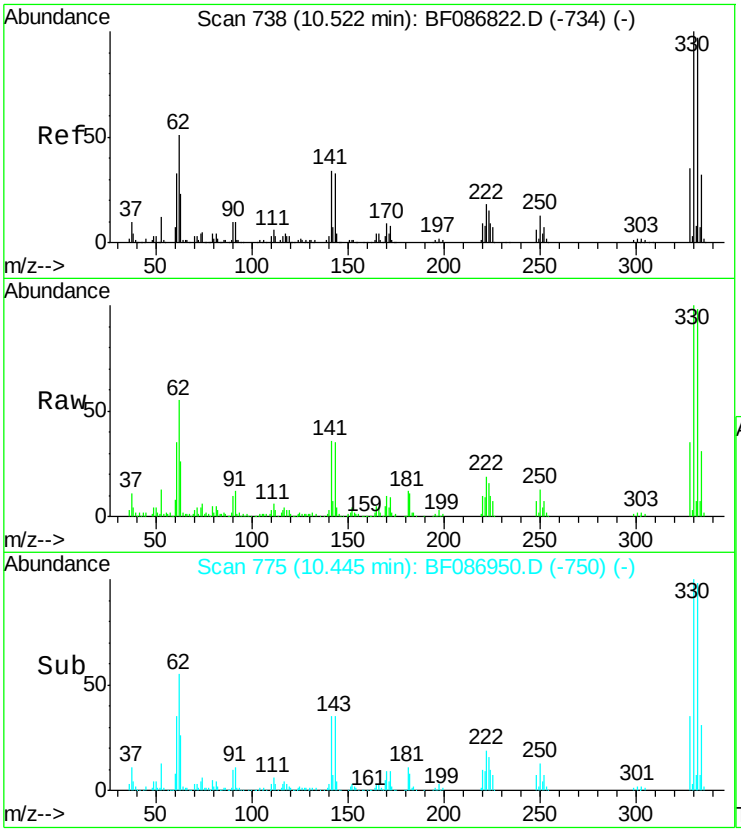


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:164 Resp: 217111

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	46.7	36.9	55.3



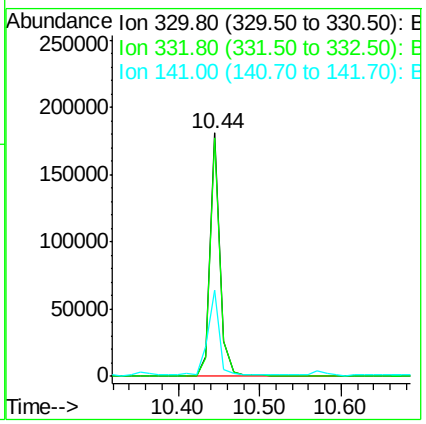


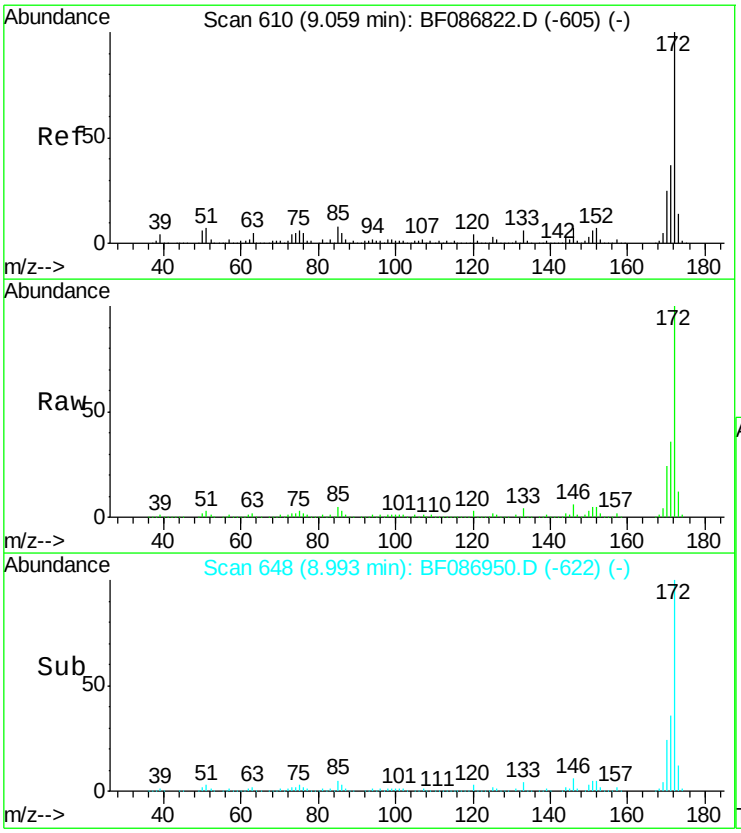
#41
2,4,6-Tribromophenol
Concen: 68.54 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:330 Resp: 157533

Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.0	118.4
141	43.2	31.2	46.8

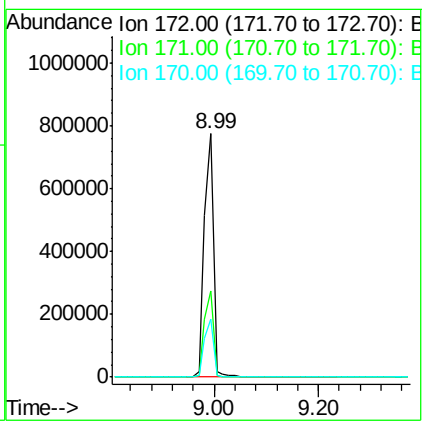


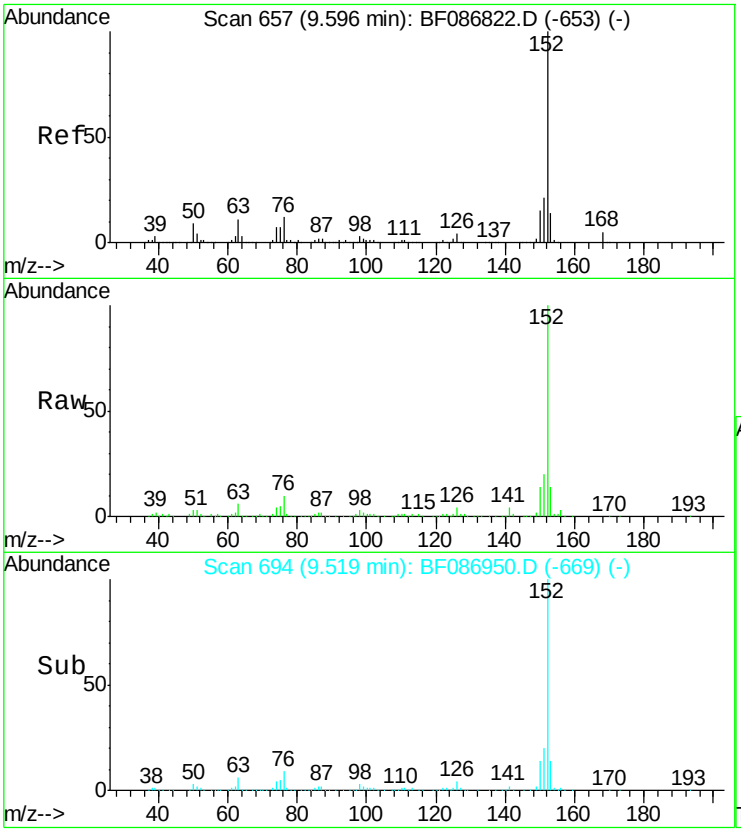


#44
2-Fluorobiphenyl
Concen: 72.12 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:172 Resp: 931604

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.7	19.8	29.8



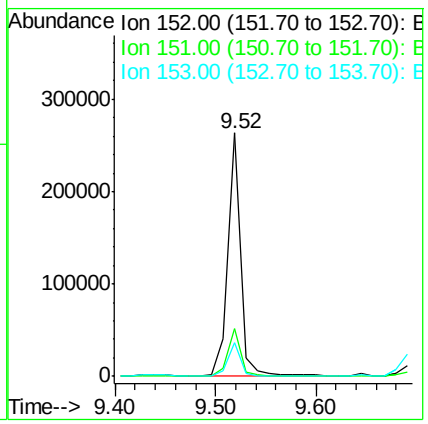


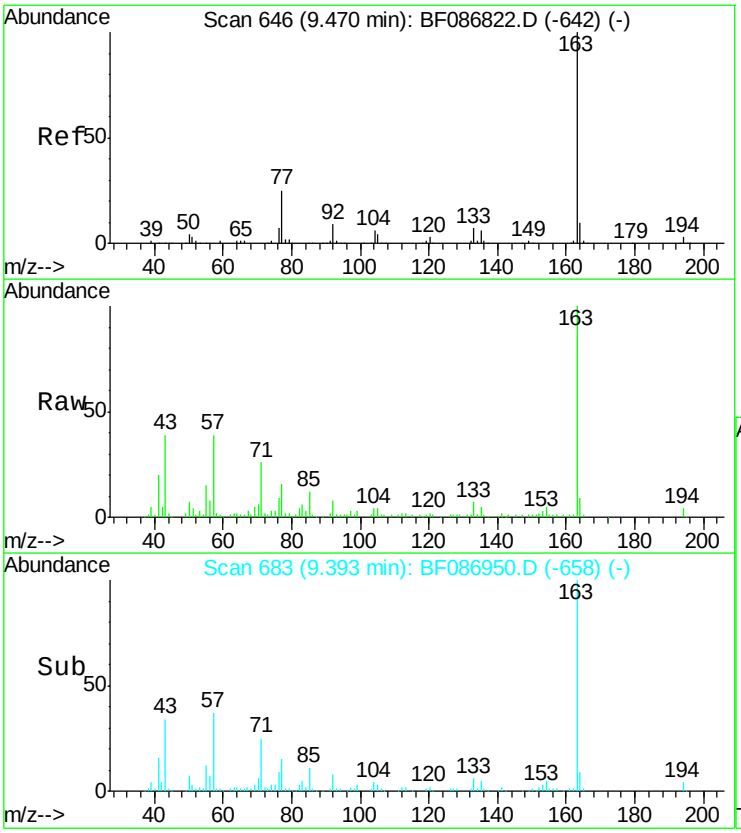
#48
Acenaphthylene
Concen: 11.60 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:152 Resp: 230907

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	13.8	10.9	16.3

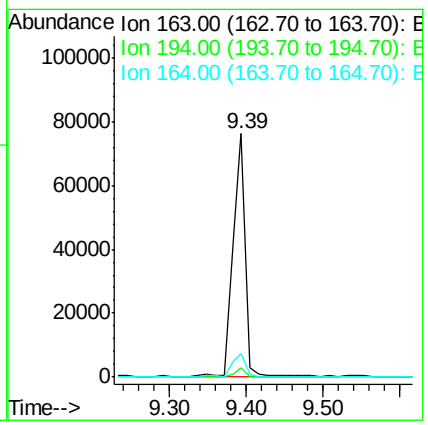


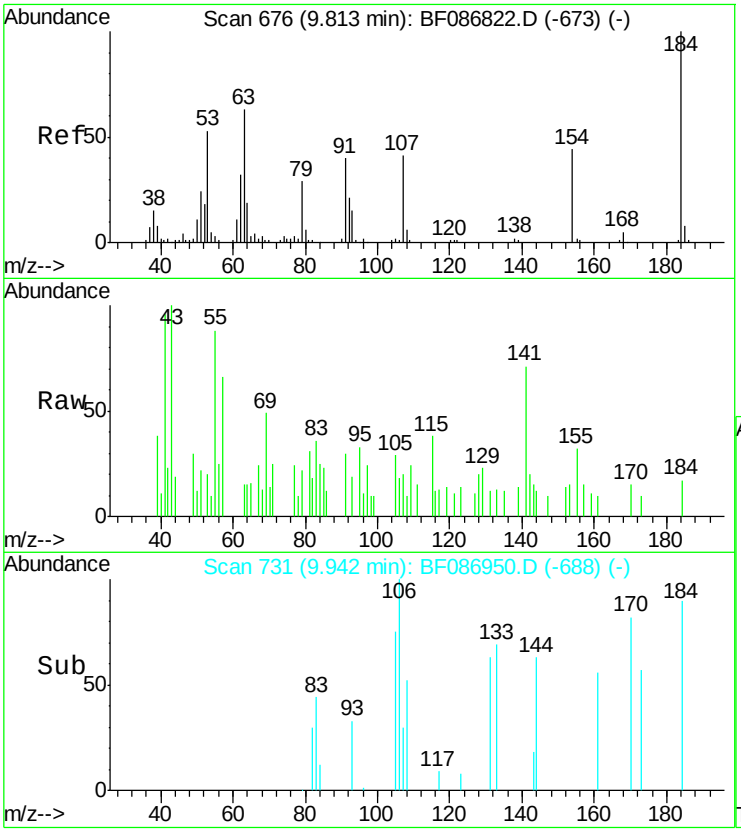


#49
Dimethylphthalate
Concen: 5.34 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:163 Resp: 88398

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.5	8.2	12.4



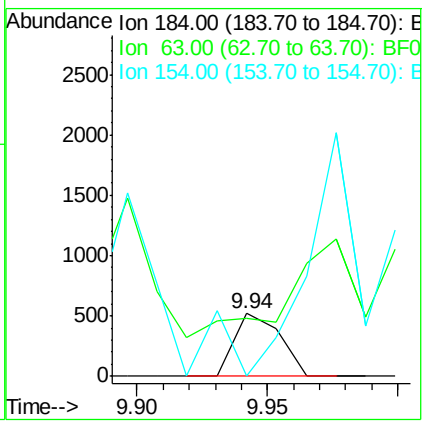


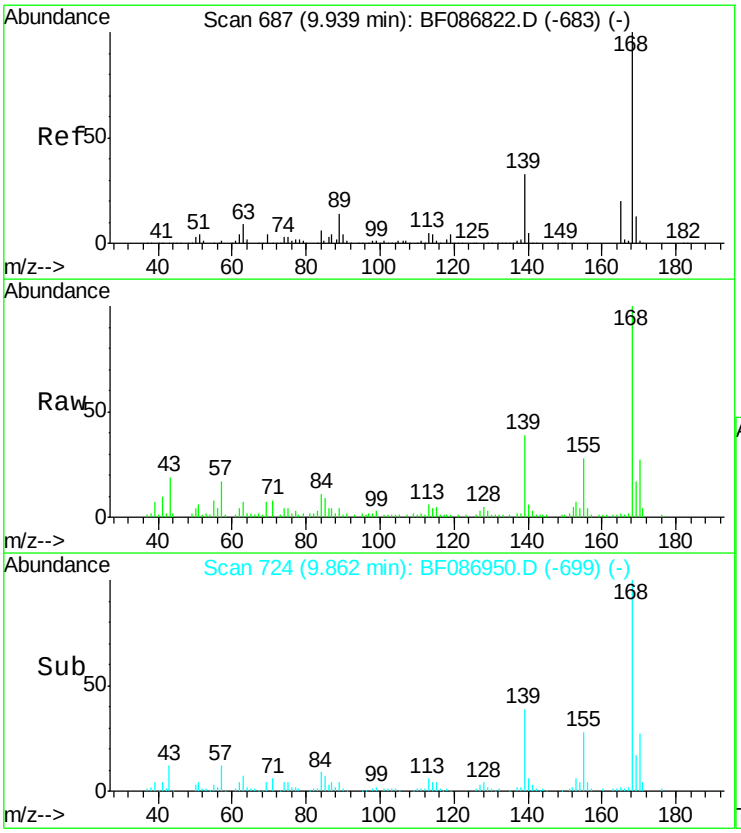
#53
2,4-Dinitrophenol
Concen: 8.01 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.19 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:184 Resp: 631

Ion	Ratio	Lower	Upper
184	100		
63	92.7	55.8	83.8#
154	0.0	62.4	93.6#

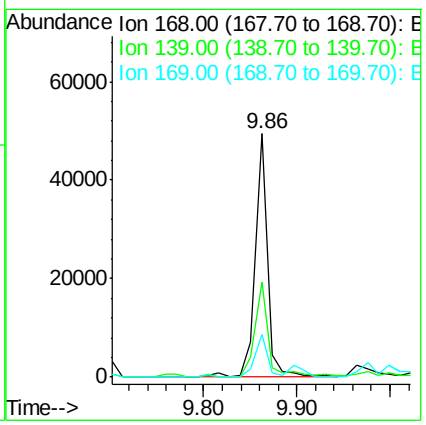


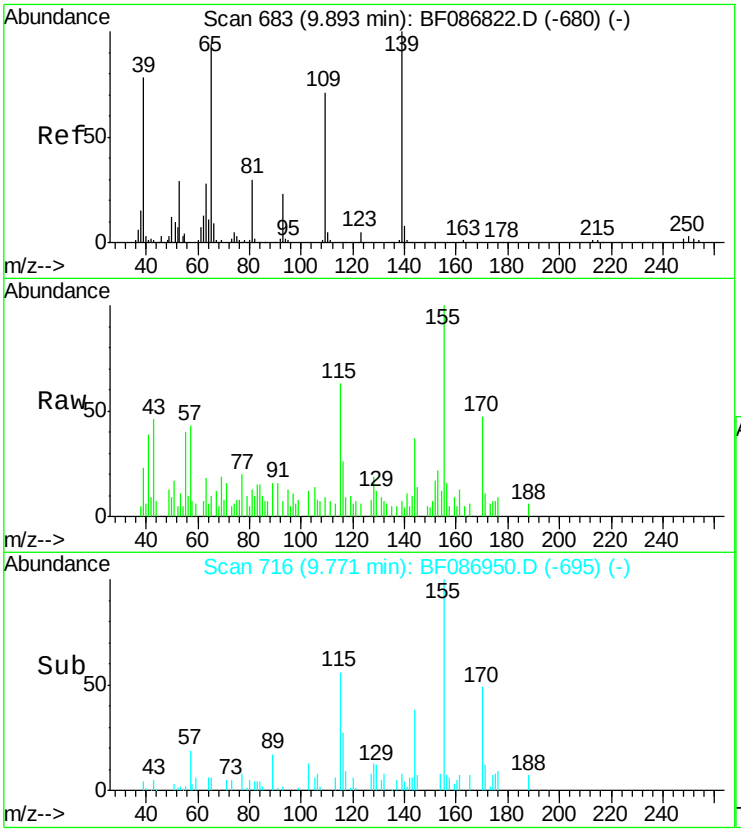


#54
Dibenzofuran
Concen: 2.84 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:168 Resp: 45158

Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.4	47.0
169	17.4	10.7	16.1#



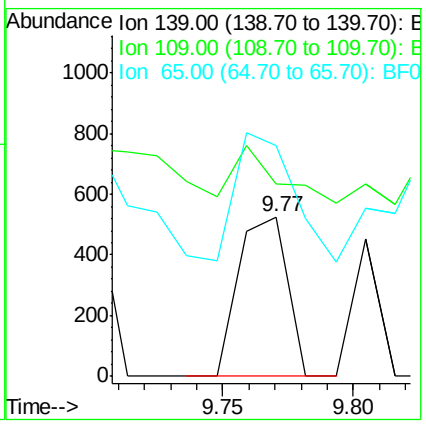


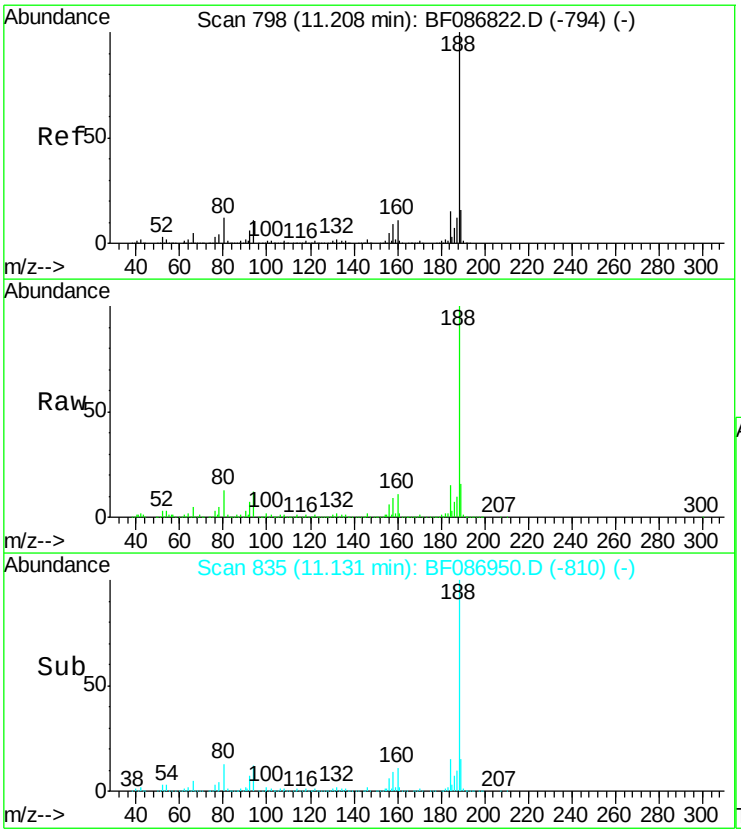
#55
4-Nitrophenol
Concen: 4.83 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.06 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:139 Resp: 689

Ion	Ratio	Lower	Upper
139	100		
109	120.9	36.9	76.9#
65	144.7	64.0	104.0#

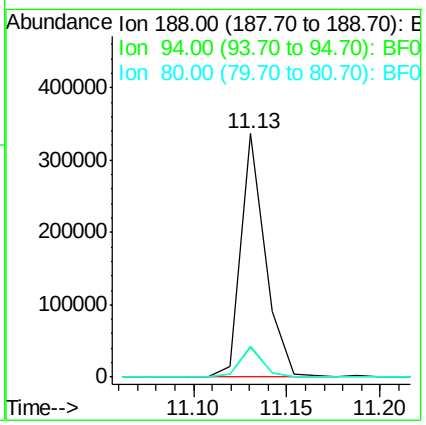


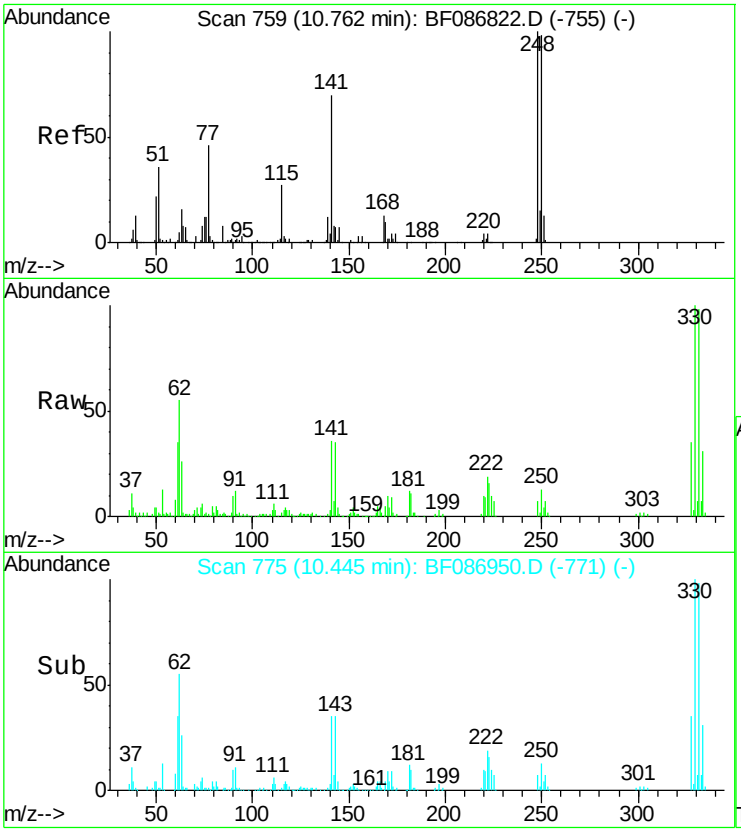


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:188 Resp: 308739

Ion	Ratio	Lower	Upper
188	100		
94	12.0	6.8	10.2#
80	12.9	7.1	10.7#



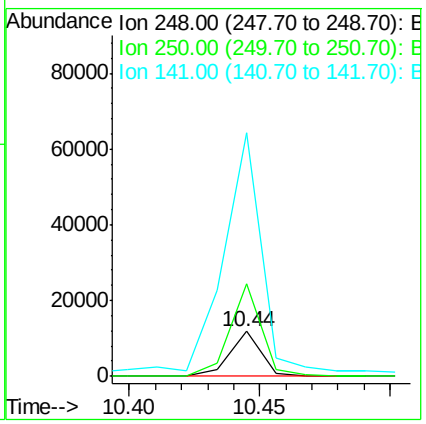


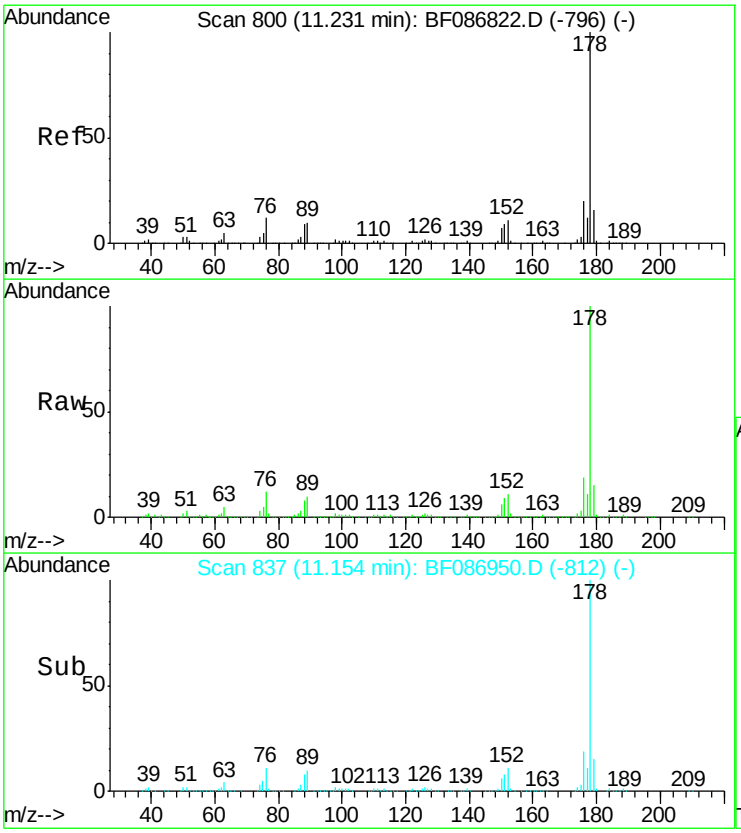
#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:248 Resp: 10095

Ion	Ratio	Lower	Upper
248	100		
250	204.7	78.6	117.8#
141	540.8	76.0	114.0#

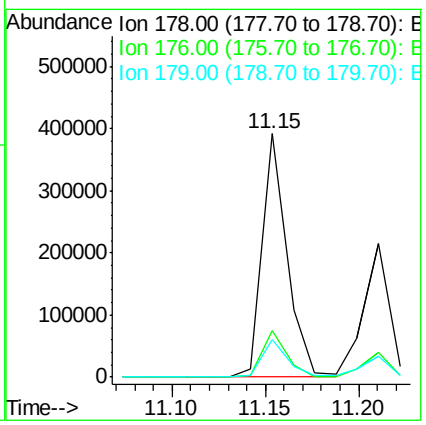


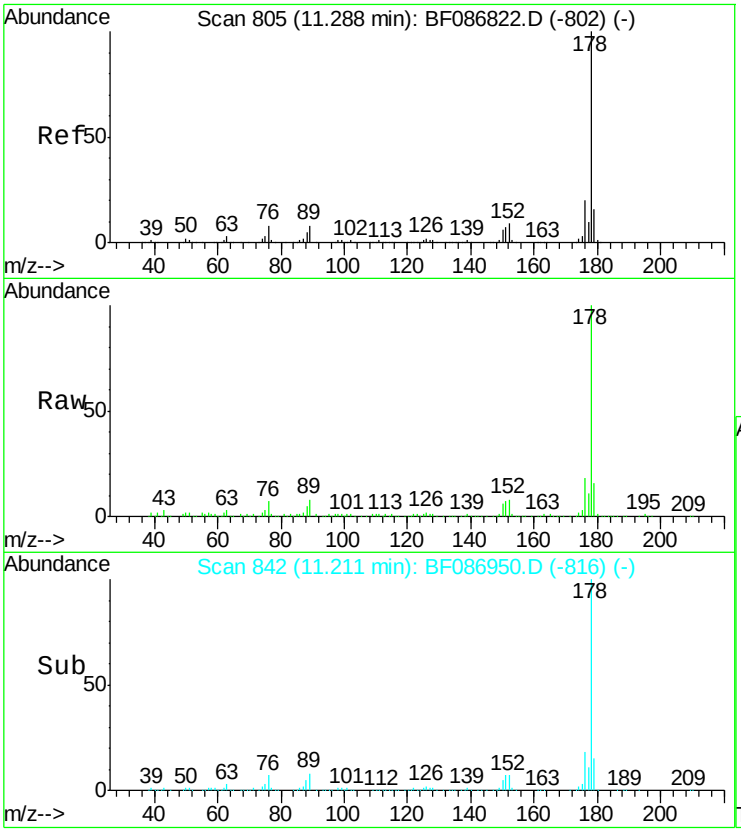


#70
Phenanthrene
Concen: 21.77 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:178 Resp: 358660

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.4	12.6	18.8



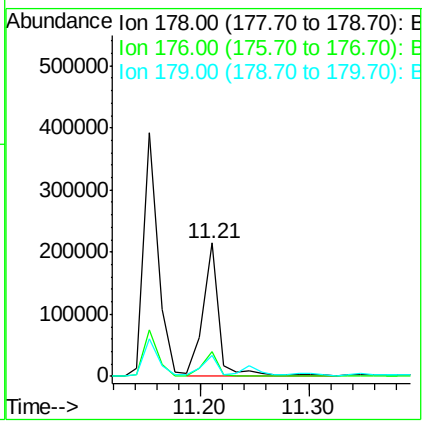


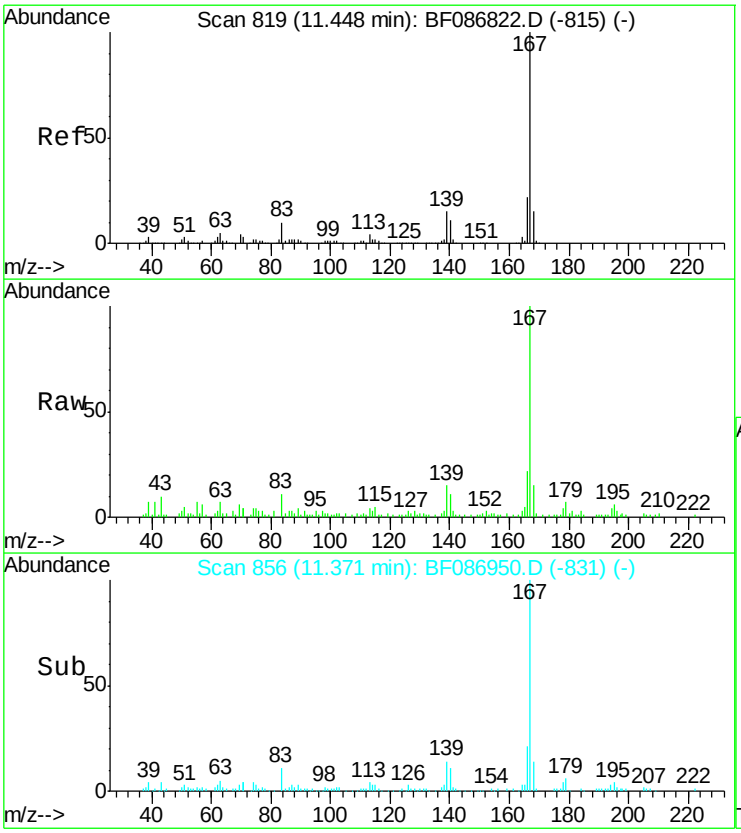
#71
Anthracene
Concen: 12.88 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:178 Resp: 217065

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	15.6	12.7	19.1

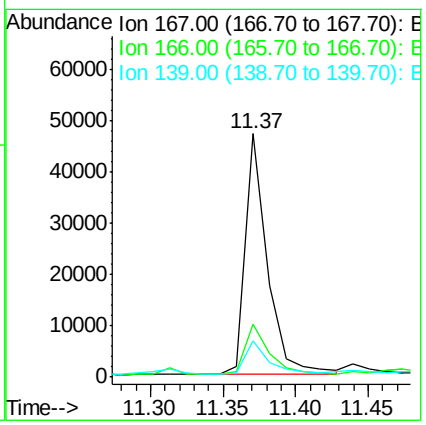


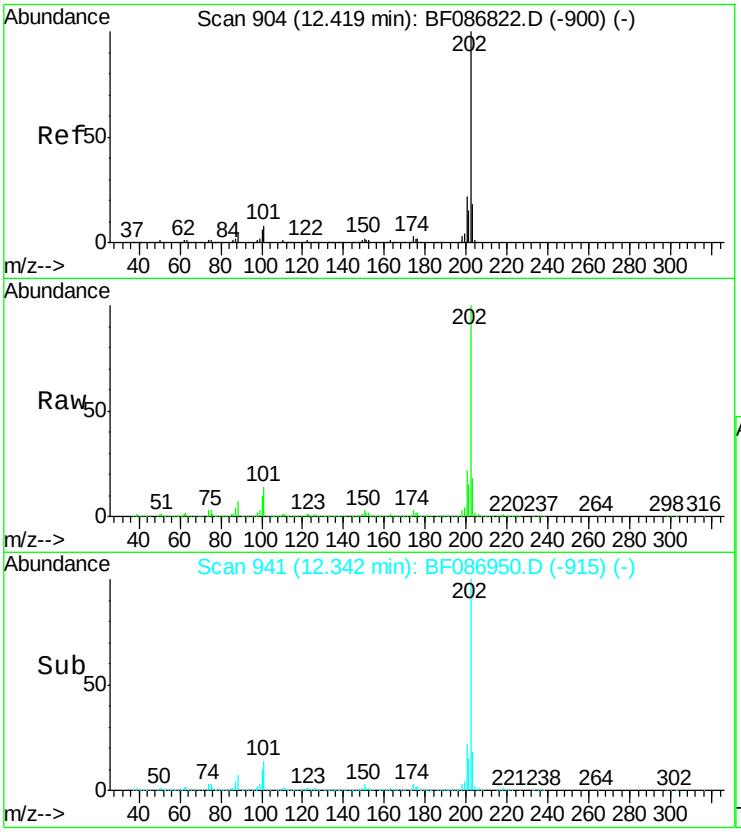


#72
Carbazole
Concen: 3.42 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:167 Resp: 49501

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.7	26.5
139	14.9	10.8	16.2



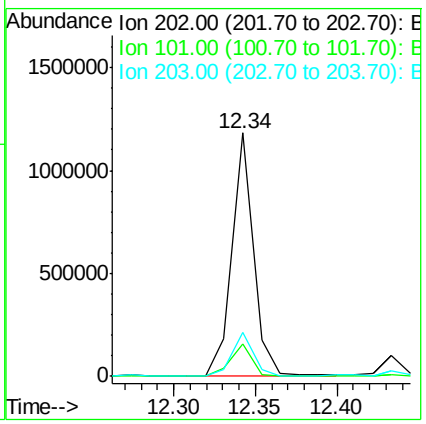


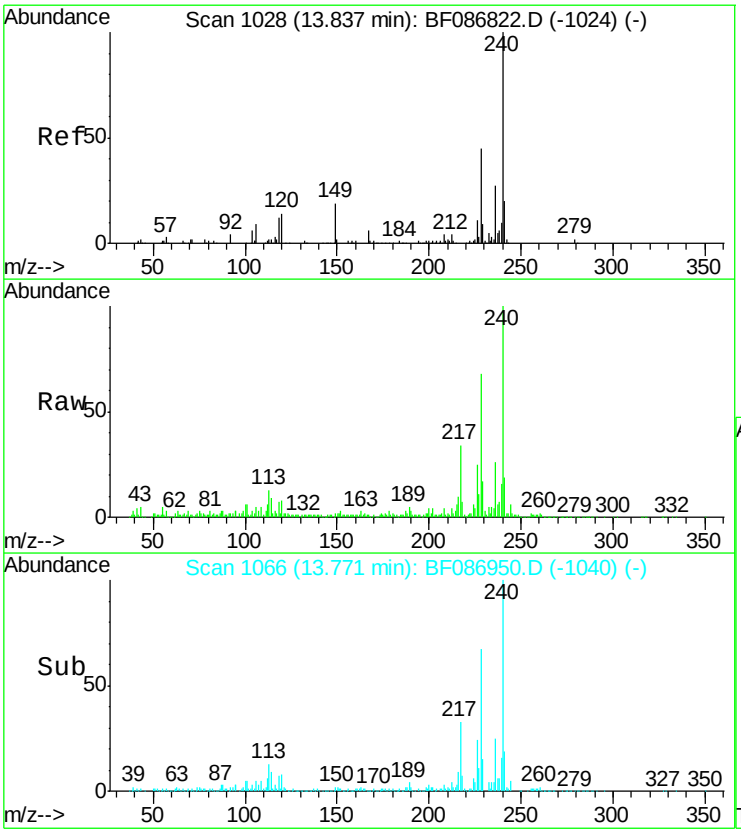
#74
Fluoranthene
Concen: 63.21 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:202 Resp: 1071174

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	35.4
203	18.3	0.0	38.1

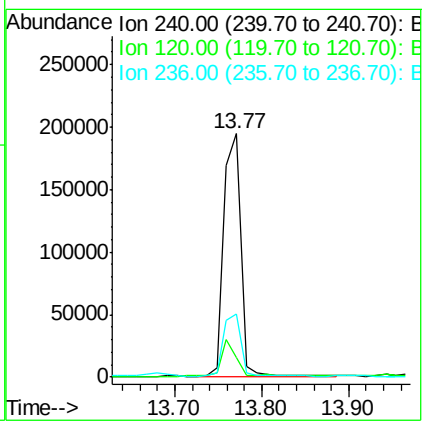


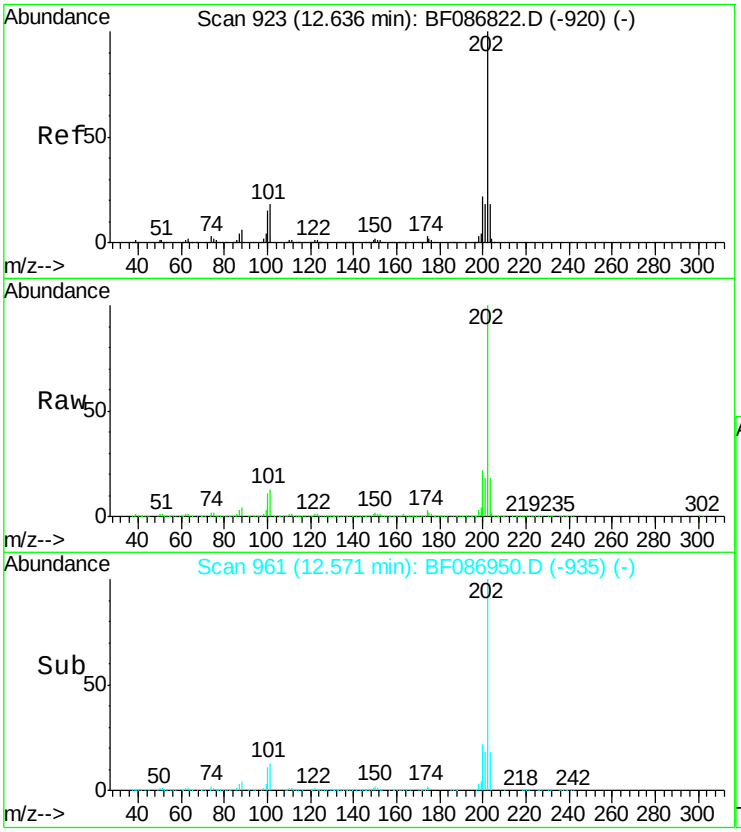


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:240 Resp: 265200

Ion	Ratio	Lower	Upper
240	100		
120	8.0	11.2	16.8#
236	25.8	21.2	31.8



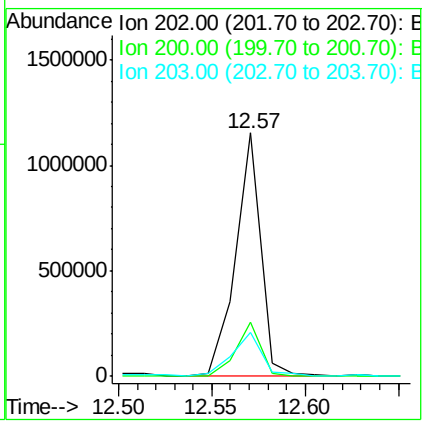


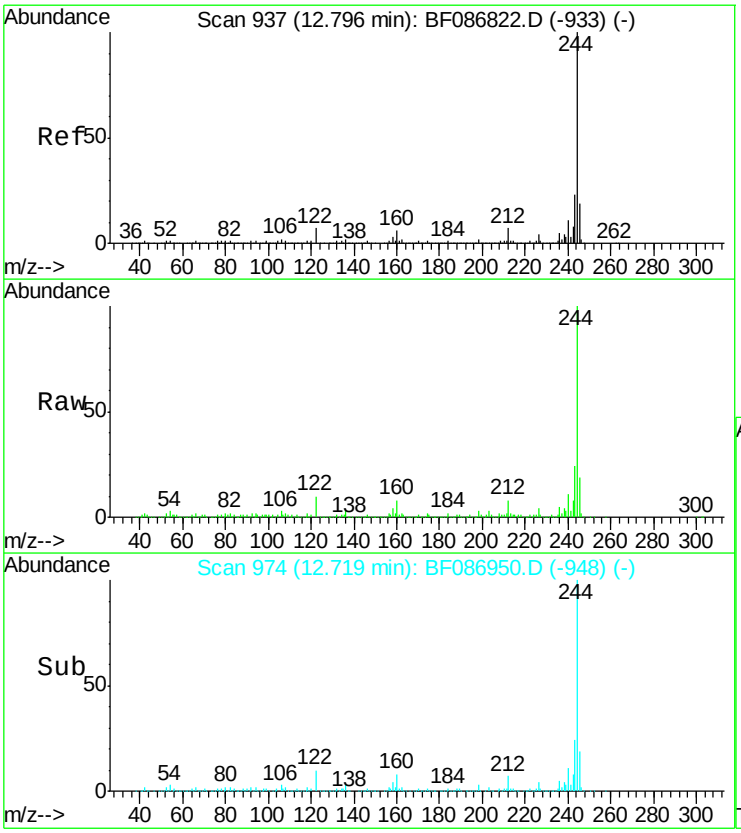
#77
Pyrene
Concen: 53.64 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:202 Resp: 1089058

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.0	14.2	21.4

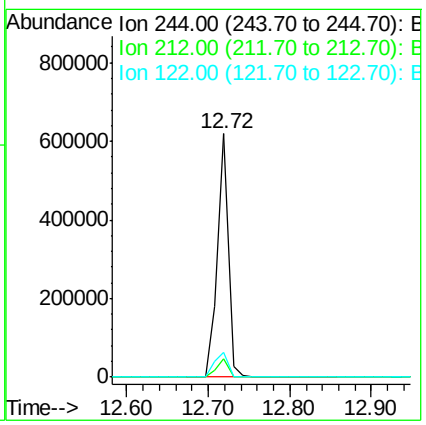


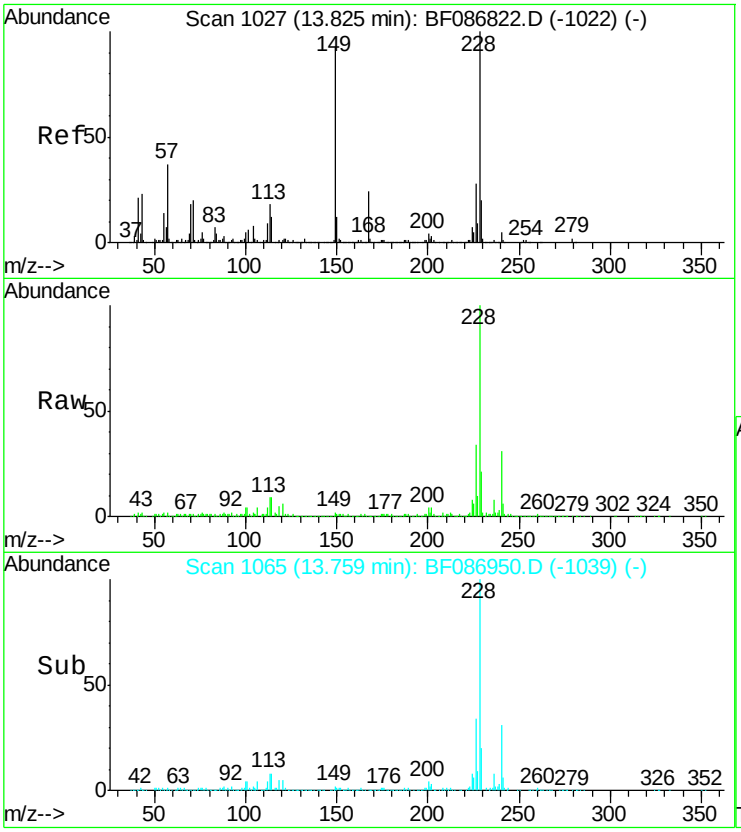


#78
Terphenyl-d14
Concen: 46.09 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:244 Resp: 576061

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.1	12.0	18.0#



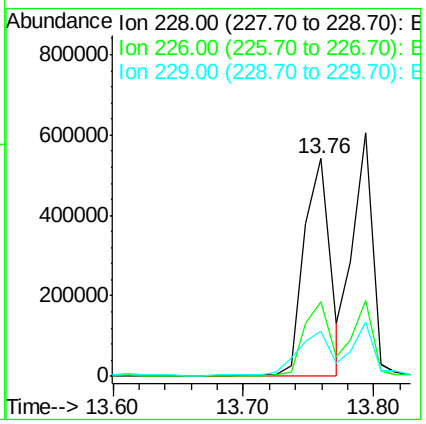


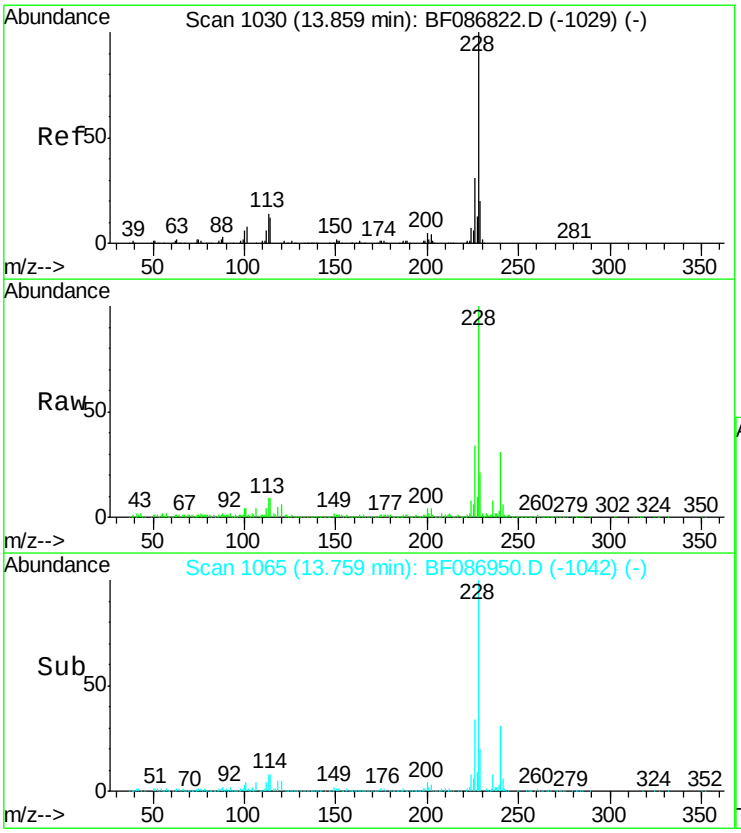
#80
Benzo(a)anthracene
Concen: 49.97 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:228 Resp: 743933

Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.5	33.7#
229	21.0	16.6	25.0

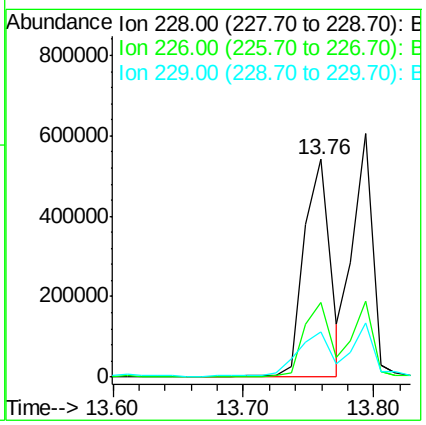


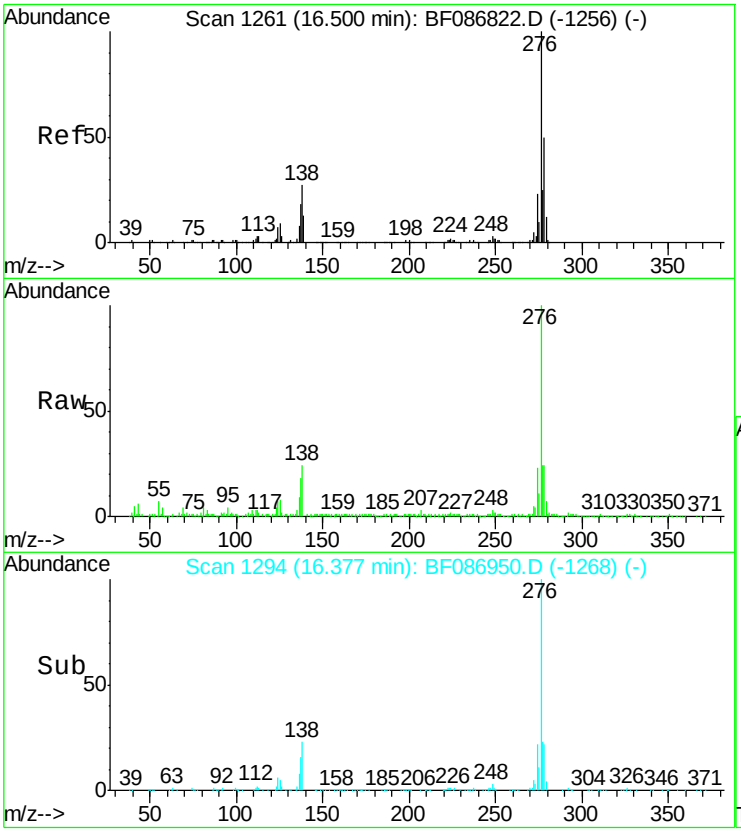


#82
Chrysene
Concen: 49.12 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:228 Resp: 743933

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.4	36.6
229	21.0	15.8	23.8



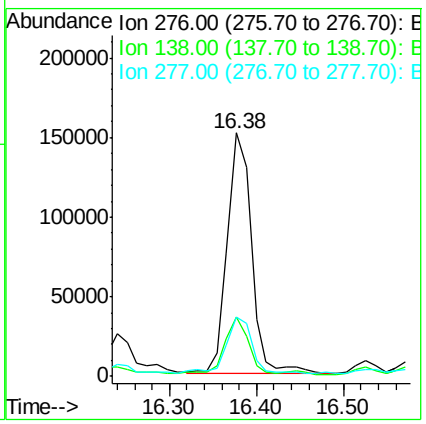


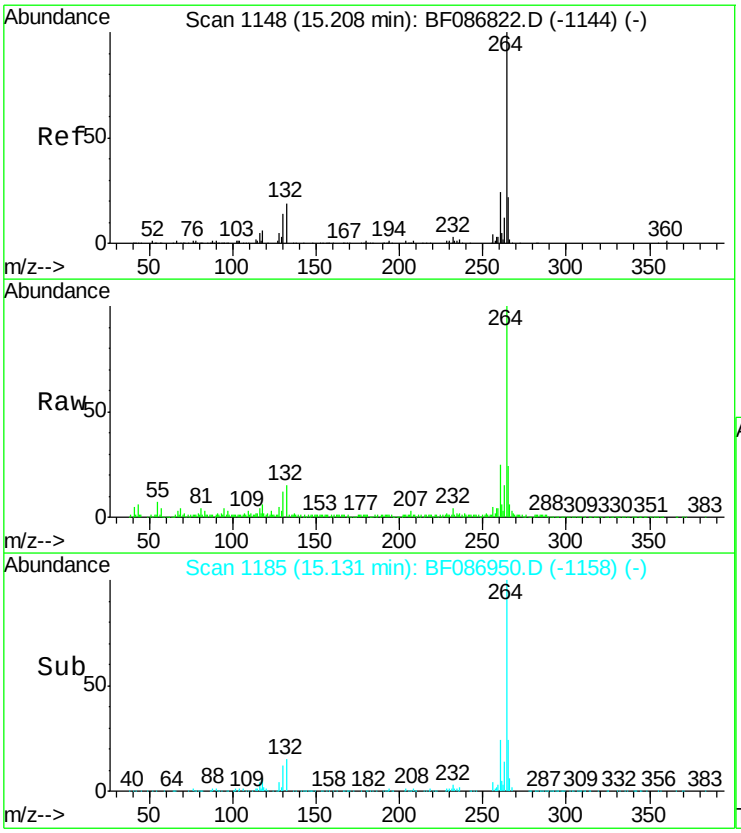
#85
Indeno(1,2,3-cd)pyrene
Concen: 23.26 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:276 Resp: 293133

Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.6	38.4#
277	24.5	20.5	30.7

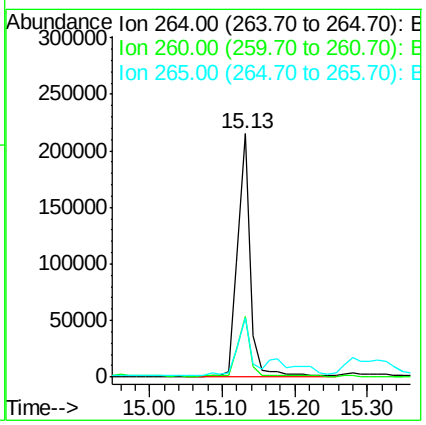


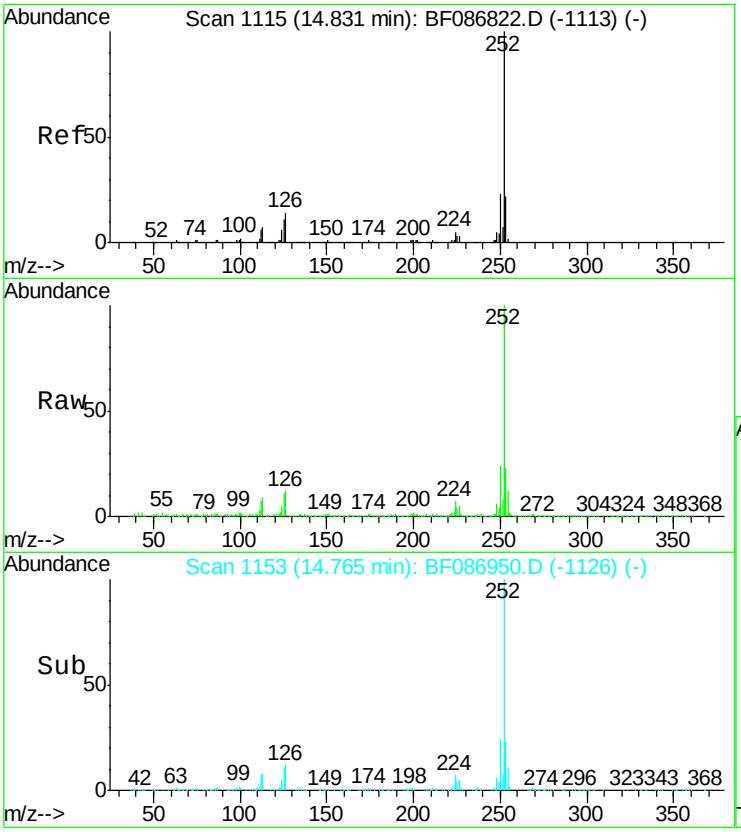


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:264 Resp: 257693

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	24.4	17.3	25.9



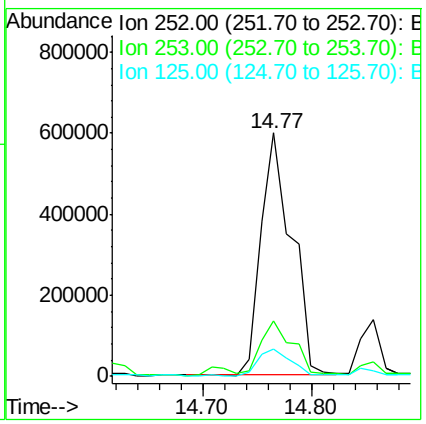


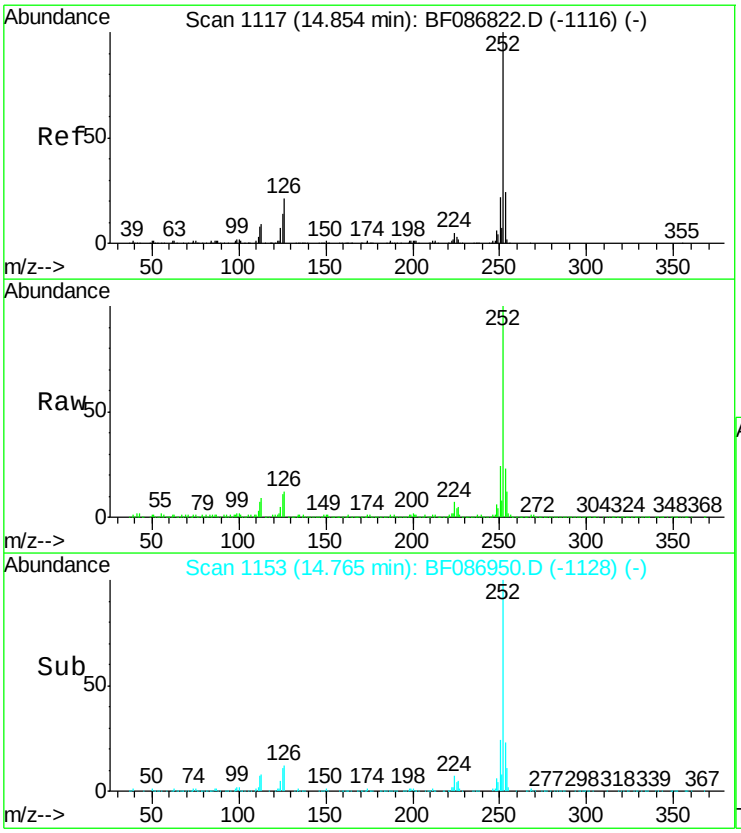
#87
Benzo(b)fluoranthene
Concen: 70.61 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:252 Resp: 1182520

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	11.4	11.4	17.0

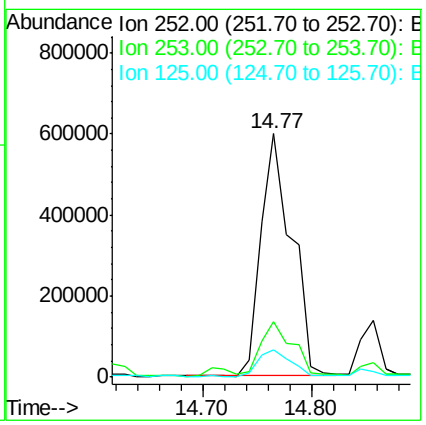


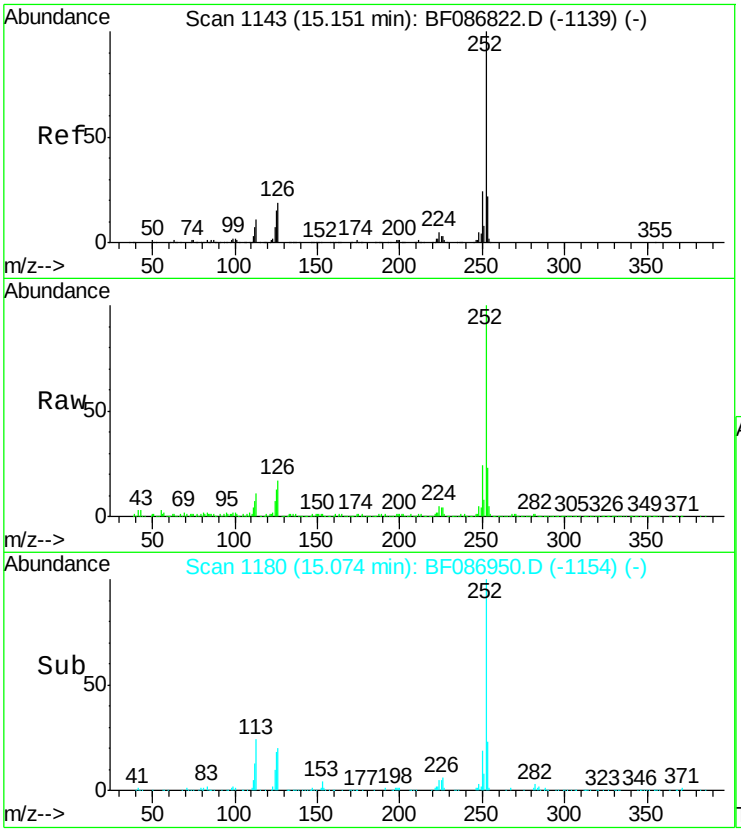


#88
Benzo(k)fluoranthene
Concen: 86.23 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:252 Resp: 1182520

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	11.4	9.1	13.7



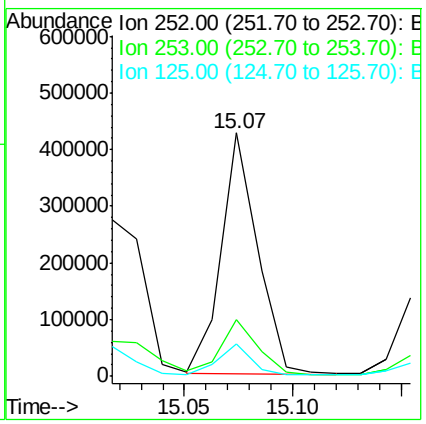


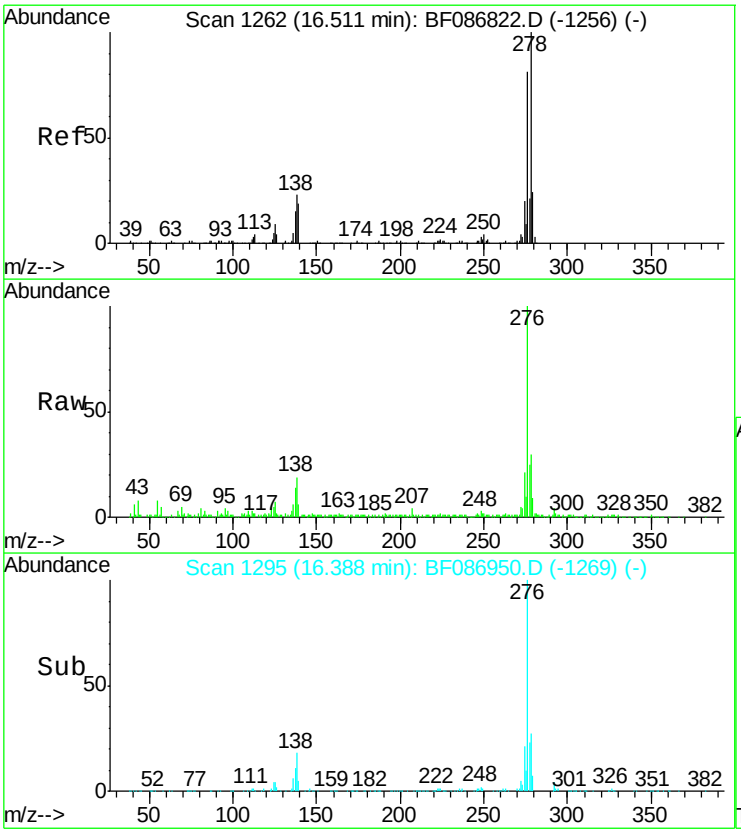
#89
Benzo(a)pyrene
Concen: 34.03 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:252 Resp: 491513

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	13.4	9.0	13.6

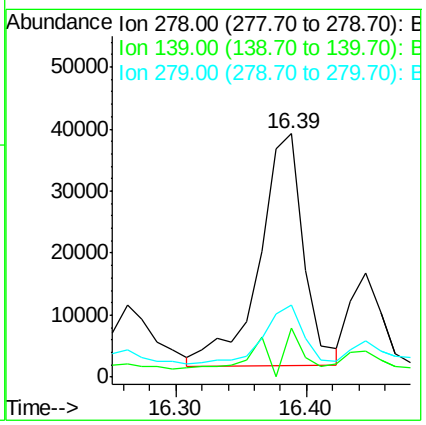


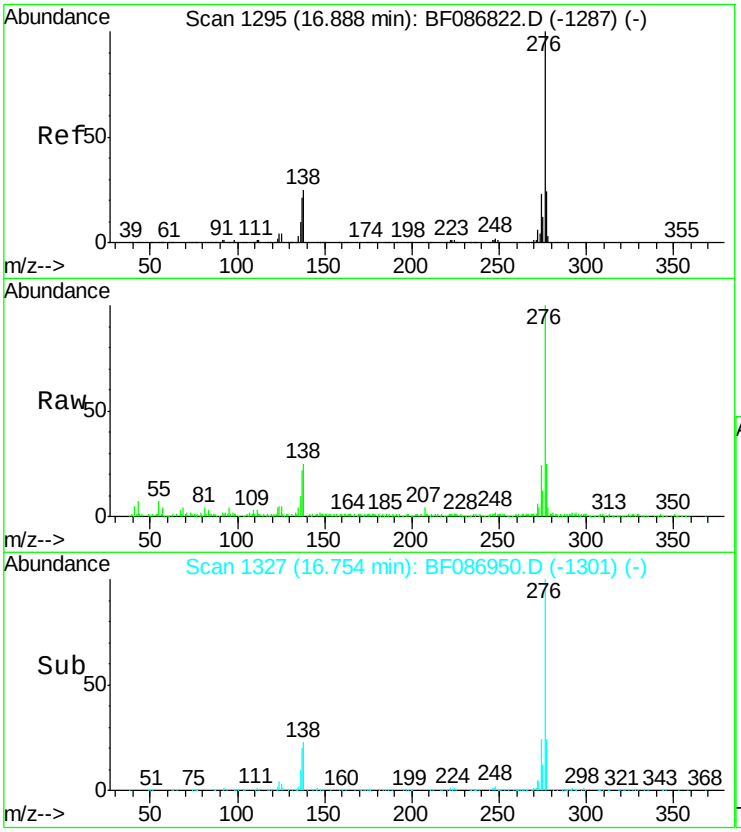


#90
Dibenzo(a,h)anthracene
Concen: 7.35 ng
RT: 16.39 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Tgt Ion:278 Resp: 89436

Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.6	24.8
279	29.4	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 19.50 ng
RT: 16.75 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF086950.D
Acq: 13 May 2016 00:47

Instrument :
BNA_F
ClientSampleId :
CH-STA-1720-00(0-2)

Tgt Ion:276 Resp: 241280

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	24.5	23.6	35.4