Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087380.D
Acq On : 25 May 2016 19:35
Operator : UM/SJ
Sample : H3211-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1320-(0-4)

Quant Time: May 25 22:31:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109260	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	425375	20.00	ng		-0.01
38) Acenaphthene-d10	12.38	164	174770	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	281187	20.00	ng		0.00
75) Chrysene-d12	18.49	240	221003	20.00	ng		0.01
86) Perylene-d12	20.15	264	172521	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	706748	113.66	ng		0.00
7) Phenol-d6	7.06	99	934070	111.17	ng		-0.01
23) Nitrobenzene-d5	8.43	82	675955	80.09	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	156854	93.39	ng		-0.01
44) 2-Fluorobiphenyl	11.32	172	973035	78.49	ng		-0.01
78) Terphenyl-d14	17.13	244	695870	66.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	129455	39.46	ng	#	22
15) Benzyl Alcohol	7.75	79	12281	2.00	ng	#	45
19) n-Nitroso-di-n-propylamine	8.43	70	94437	15.07	ng	#	77
31) Naphthalene	9.58	128	244773	11.48	ng		99
32) Benzoic acid	9.37	122	9065	8.27	ng	#	65
33) 4-Chloroaniline	9.58	127	32789	4.18	ng	#	38
37) 2-Methylnaphthalene	10.71	142	135891	10.21	ng		96
48) Acenaphthylene	12.15	152	693180	38.89	ng		98
49) Dimethylphthalate	12.02	163	168061	12.00	ng		99
51) Acenaphthene	12.42	154	26466	2.42	ng		98
54) Dibenzofuran	12.71	168	88057	5.94	ng		96
57) Fluorene	13.27	166	51837	4.03	ng	#	88
70) Phenanthrene	14.81	178	907699	58.28	ng		99
71) Anthracene	14.89	178	564162	35.86	ng		98
72) Carbazole	15.19	167	152388	11.36	ng		99
73) Di-n-butylphthalate	15.77	149	81620	4.70	ng	#	97
74) Fluoranthene	16.59	202	2606128	166.86	ng		97
77) Pyrene	16.71	202	311467	19.58	ng		98
79) Butylbenzylphthalate	17.81	149	185549	26.30	ng		90
80) Benzo(a)anthracene	18.48	228	1748560	139.09	ng		96
81) 3,3'-Dichlorobenzidine	18.54	252	24663	3.55	ng	#	1
82) Chrysene	18.53	228	1612948	129.28	ng		95
83) Bis(2-ethylhexyl)phthalate	18.55	149	21670	2.11	ng		97
85) Indeno(1,2,3-cd)pyrene	21.25	276	140683	14.07	ng		91
87) Benzo(b)fluoranthene	19.76	252	2631011	239.41	ng		96
88) Benzo(k)fluoranthene	19.76	252	2631011	278.15	ng		98
89) Benzo(a)pyrene	20.10	252	1017656	107.07	ng		97
90) Dibenzo(a,h)anthracene	21.38	278	180292	22.24	ng		94
91) Benzo(g,h,i)perylene	21.74	276	481096	60.15	ng		94

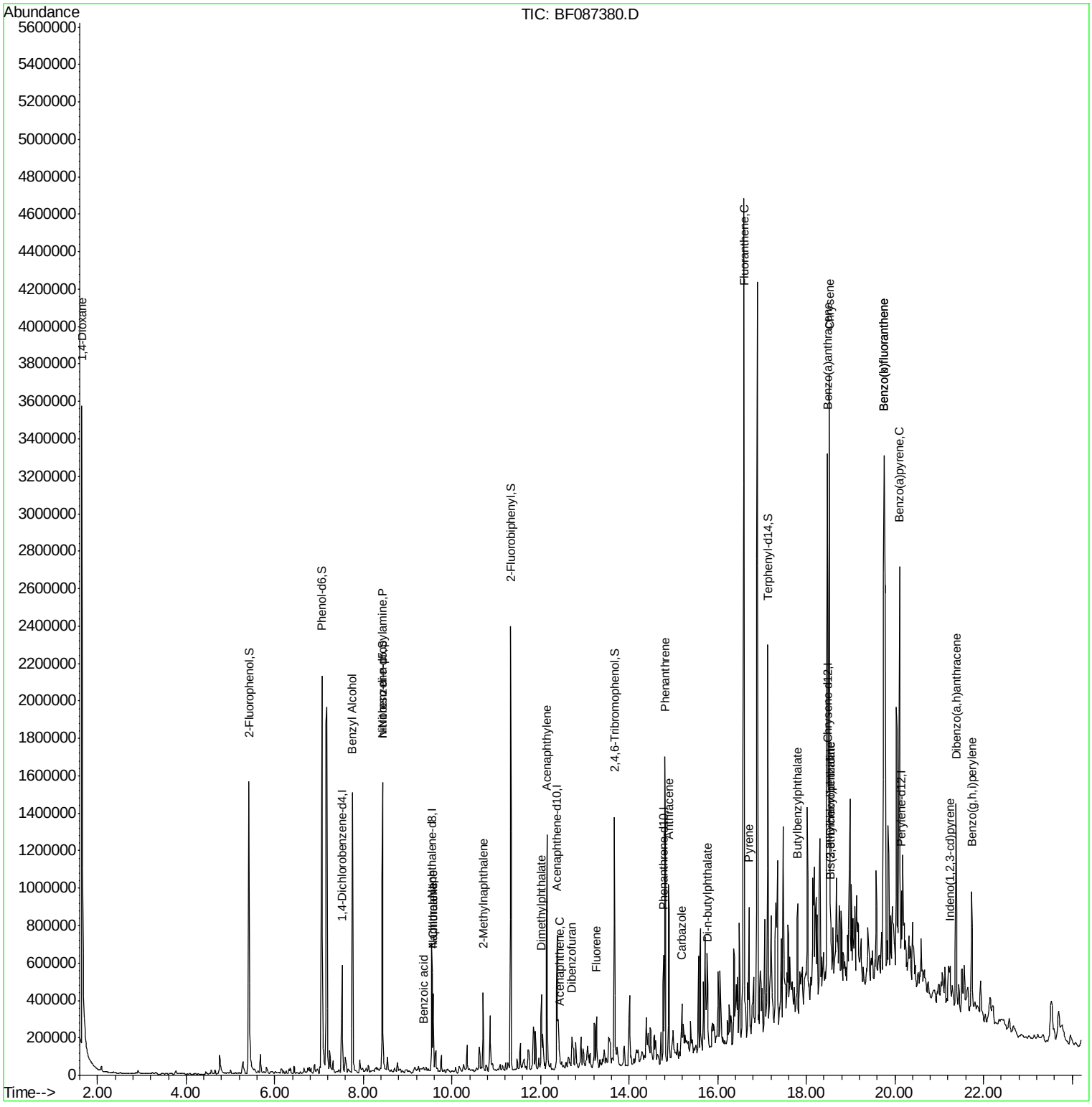
(#) = qualifier out of range (m) = manual integration (+) = signals summed

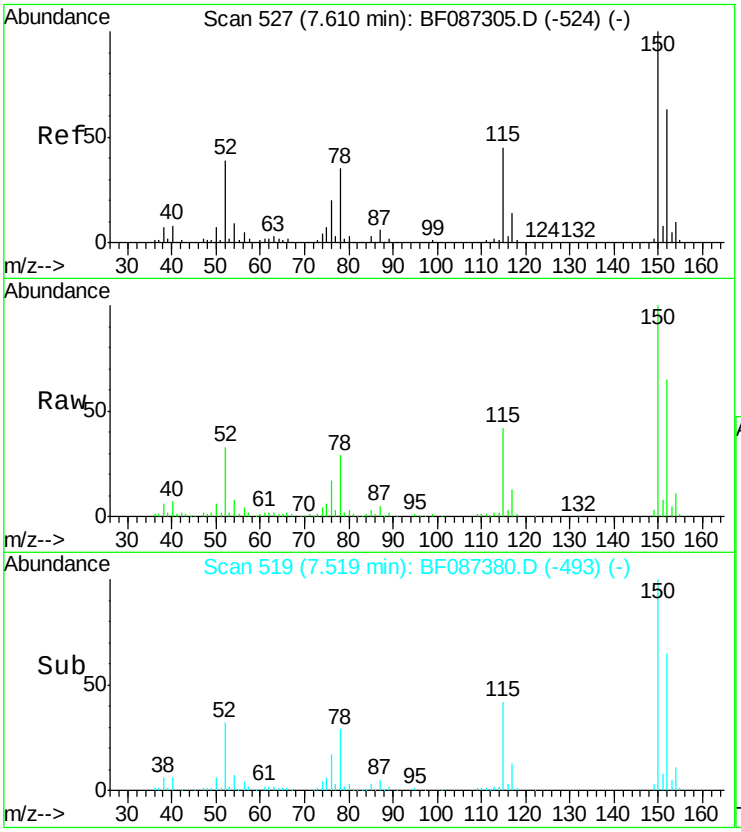
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087380.D
Acq On : 25 May 2016 19:35
Operator : UM/SJ
Sample : H3211-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Quant Time: May 25 22:31:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



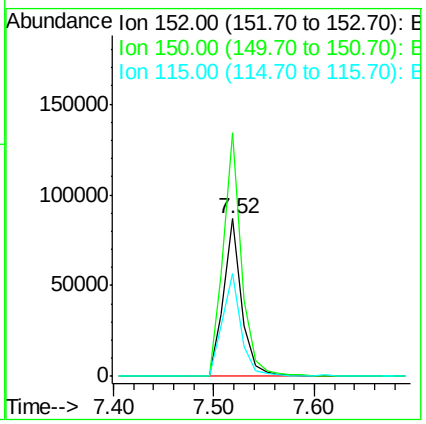


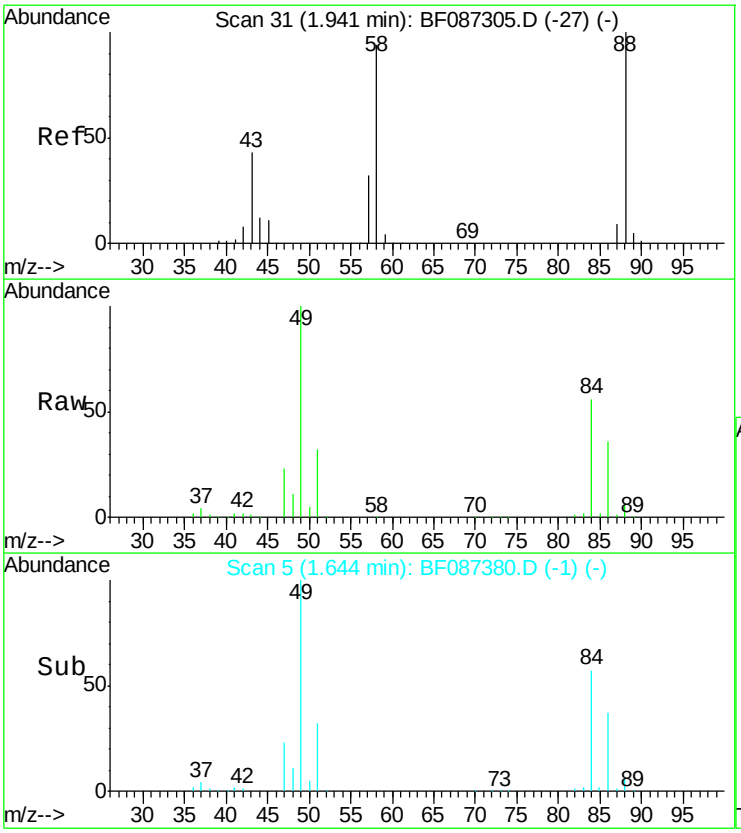
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:152 Resp: 109260

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.8	188.6
115	65.0	51.5	77.3

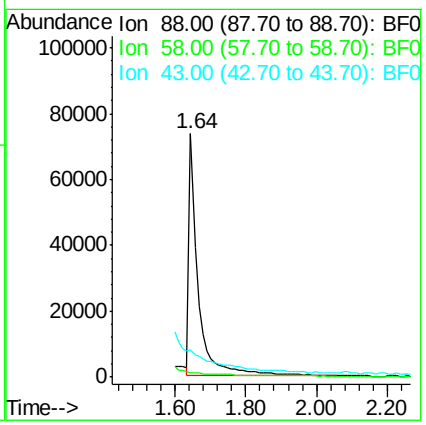


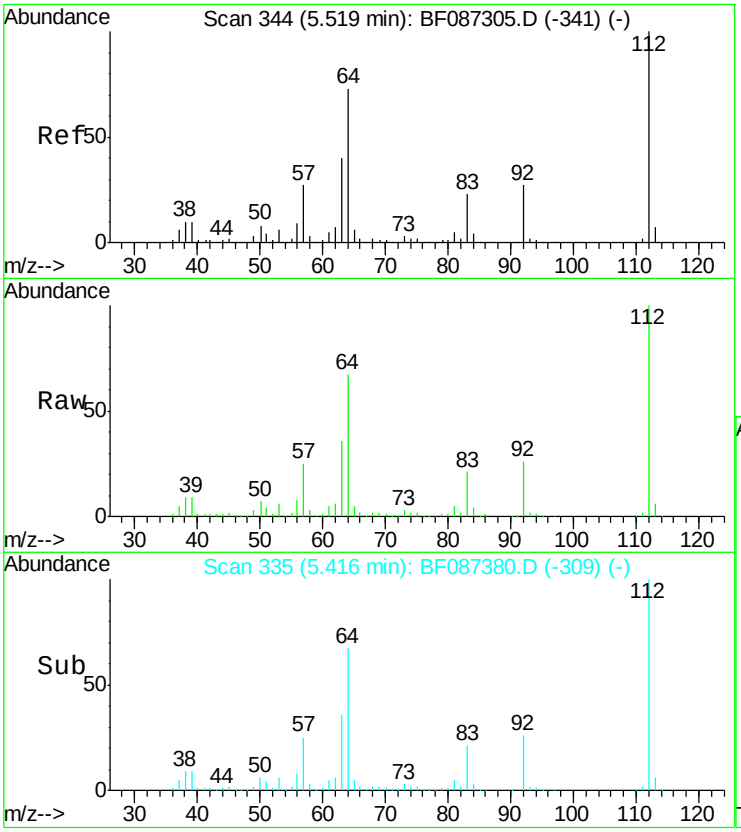


#2
1,4-Dioxane
Concen: 39.46 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion: 88 Resp: 129455

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



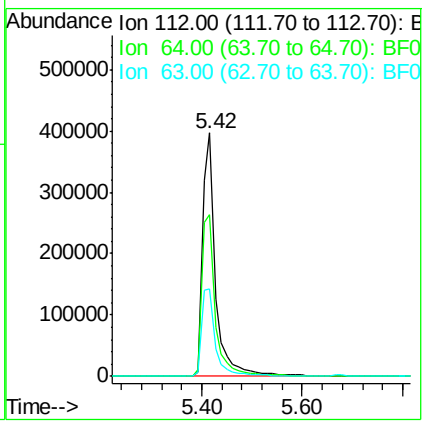


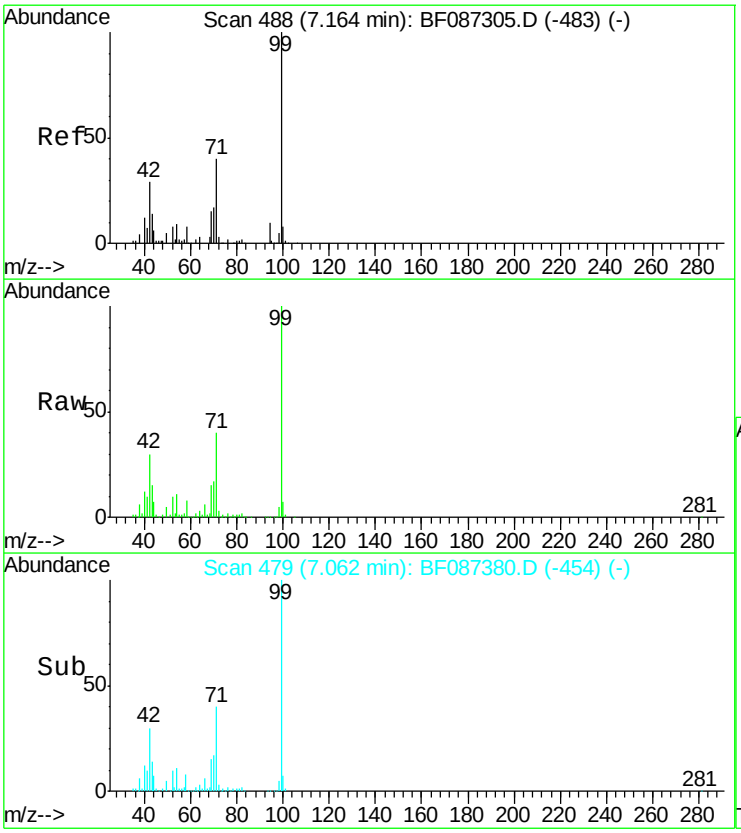
#5
2-Fluorophenol
Concen: 113.66 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.00 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:112 Resp: 706748

Ion	Ratio	Lower	Upper
112	100		
64	66.5	52.1	78.1
63	36.2	25.7	38.5

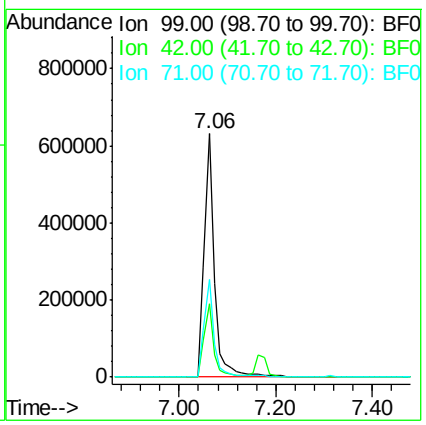


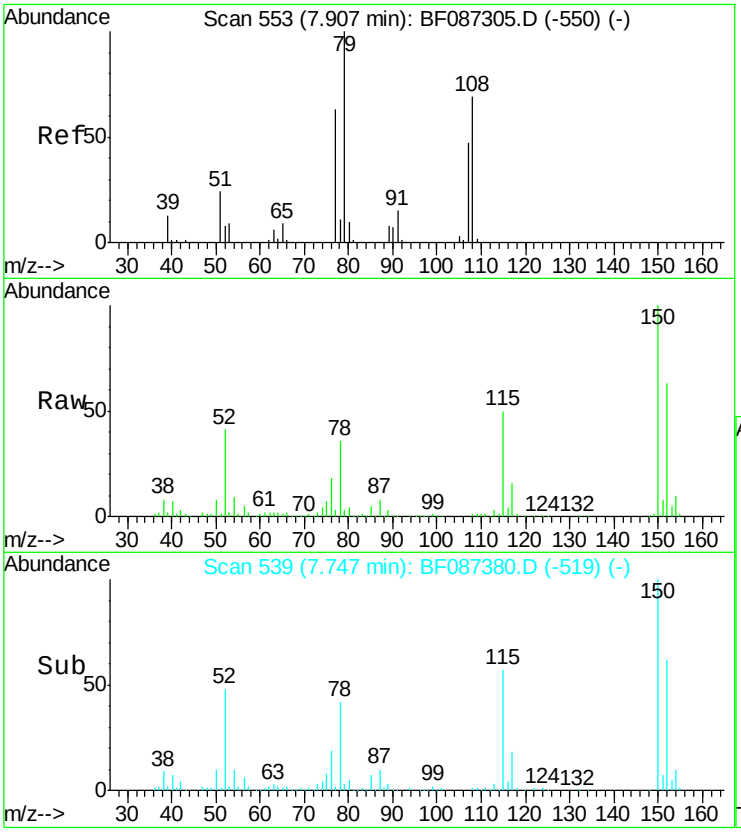


#7
Phenol-d6
Concen: 111.17 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion: 99 Resp: 934070

Ion	Ratio	Lower	Upper
99	100		
42	30.3	13.6	20.4#
71	40.2	24.6	36.8#



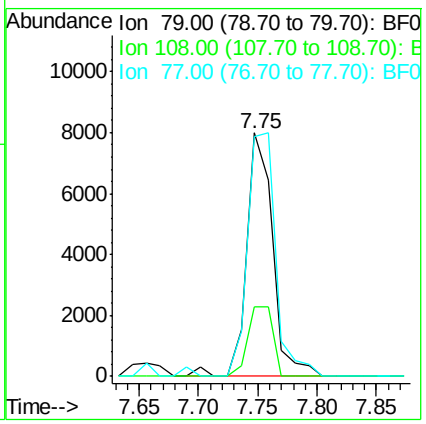


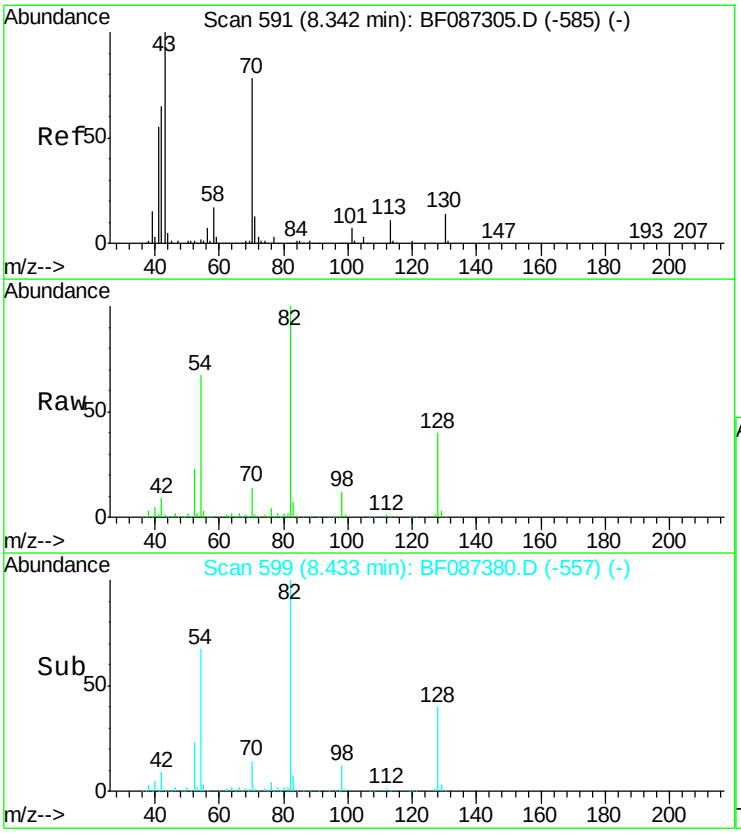
#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.07 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion: 79 Resp: 12281

Ion	Ratio	Lower	Upper
79	100		
108	28.8	68.4	102.6#
77	98.7	50.6	76.0#

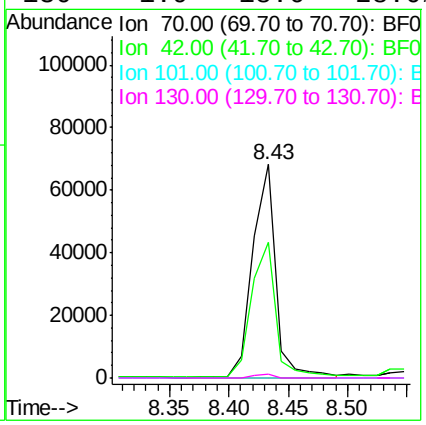


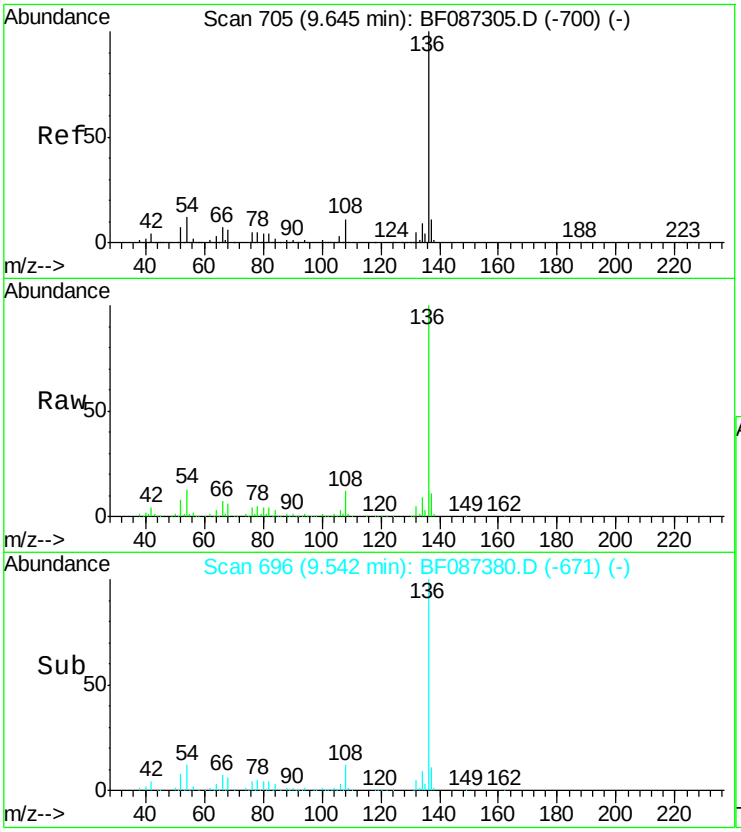


#19
n-Nitroso-di-n-propylamine
Concen: 15.07 ng
RT: 8.43 min Scan# 599
Delta R.T. 0.18 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion: 70 Resp: 94437

Ion	Ratio	Lower	Upper
70	100		
42	63.3	43.1	64.7
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



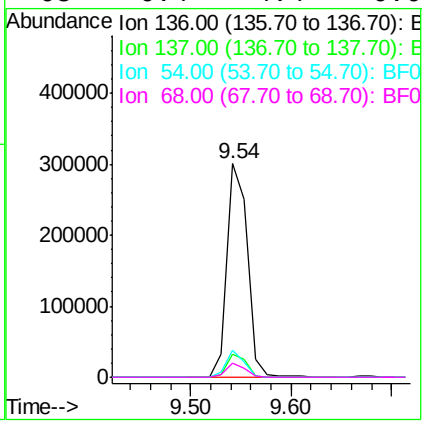


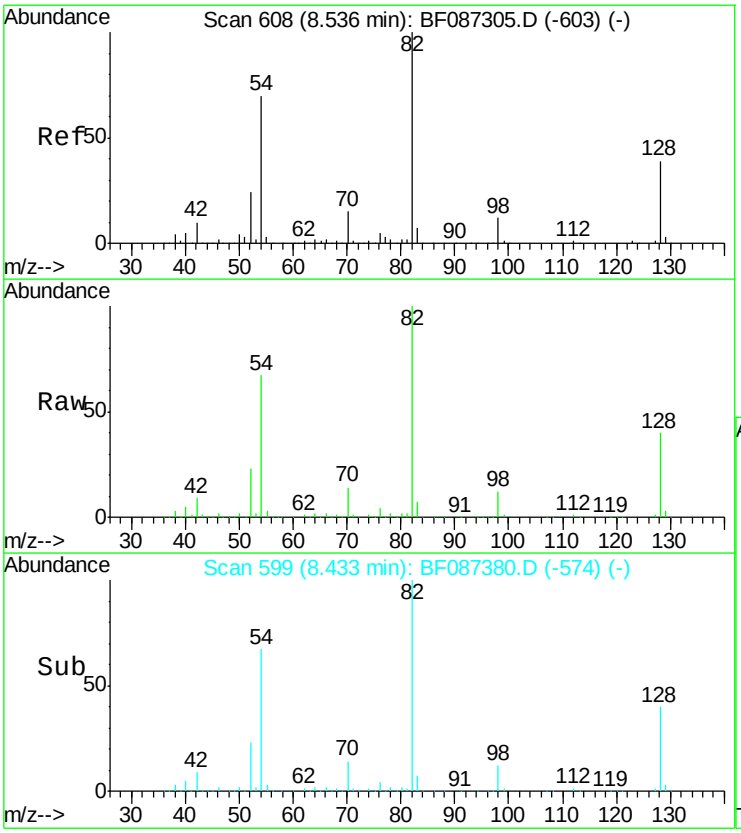
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:136 Resp: 425375

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.6	5.0	7.4#
68	6.4	4.4	6.6

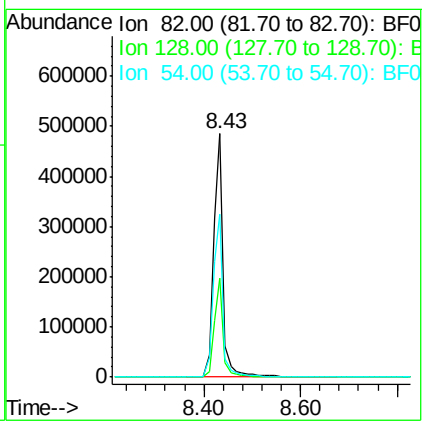


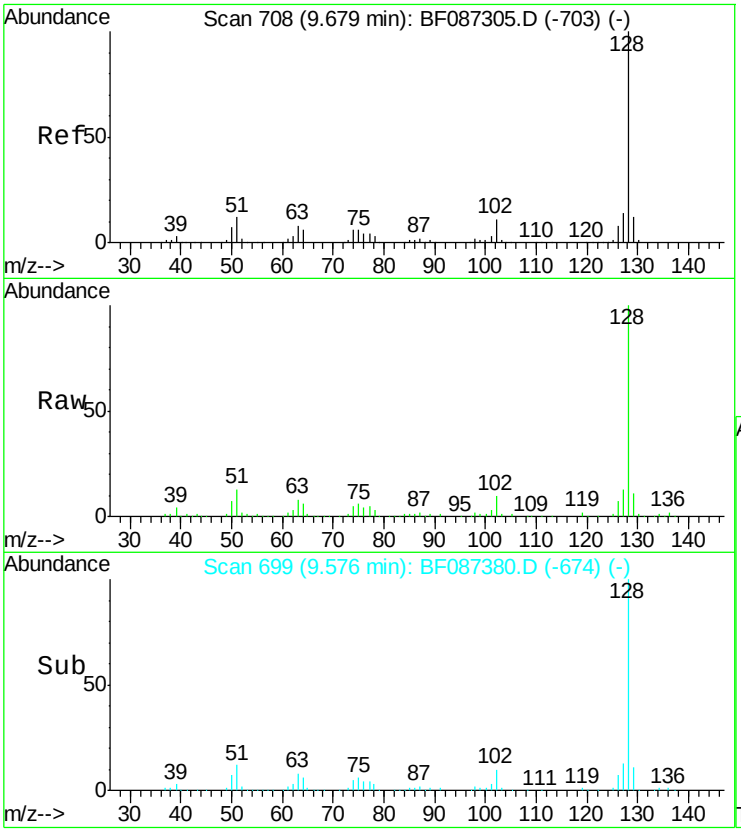


#23
Nitrobenzene-d5
Concen: 80.09 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion: 82 Resp: 675955

Ion	Ratio	Lower	Upper
82	100		
128	40.5	40.6	61.0#
54	67.1	38.1	57.1#



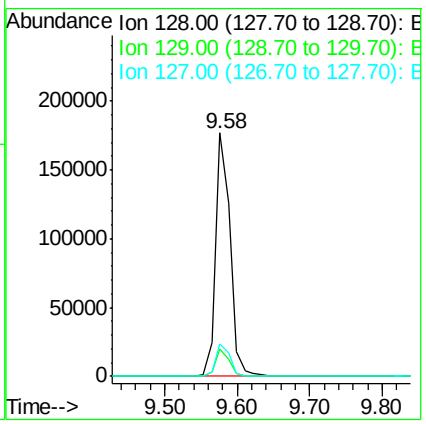


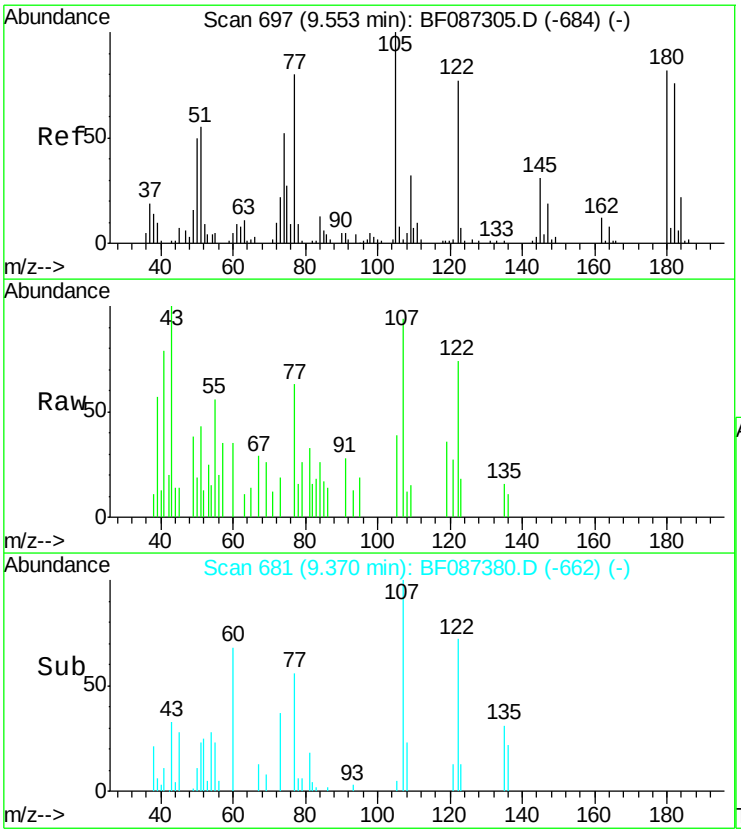
#31
Naphthalene
Concen: 11.48 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:128 Resp: 244773

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.2	10.8	16.2

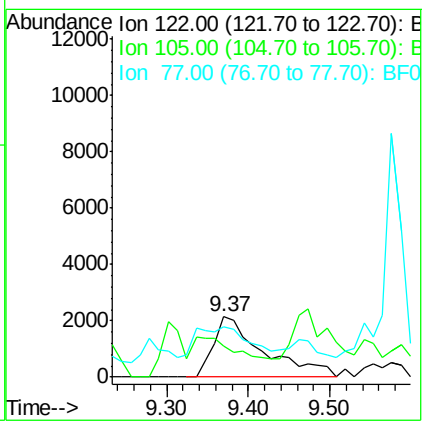


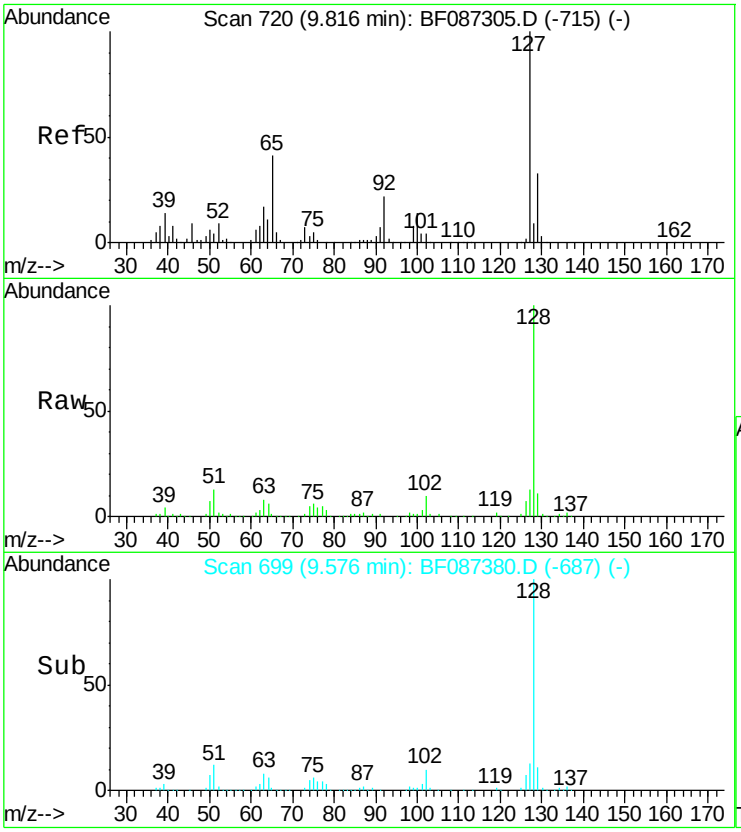


#32
Benzoic acid
Concen: 8.27 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:122 Resp: 9065

Ion	Ratio	Lower	Upper
122	100		
105	51.9	92.6	132.6#
77	84.3	60.0	100.0



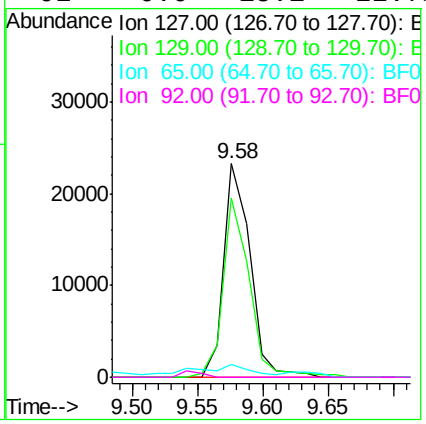


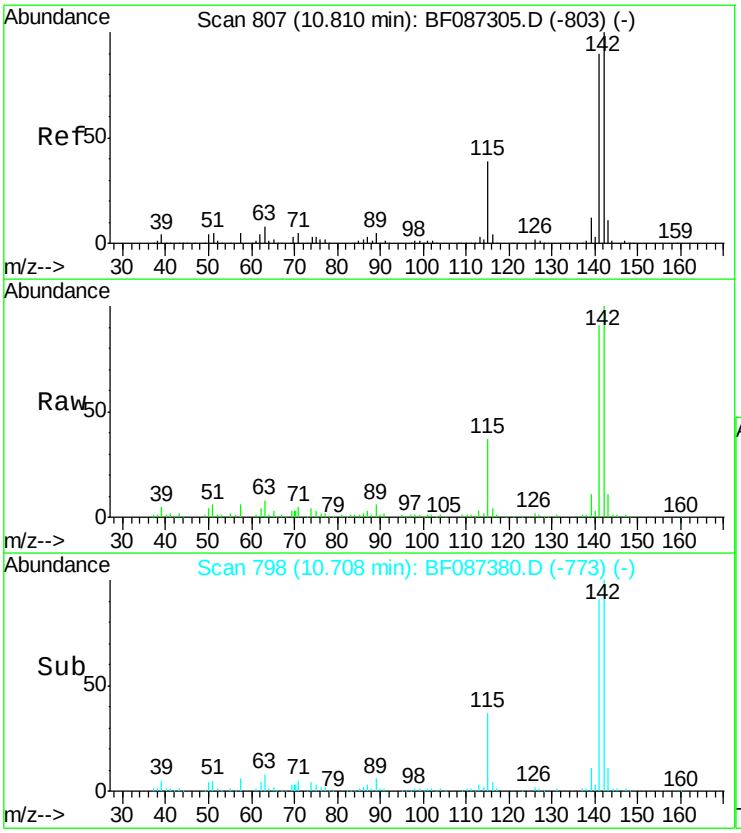
#33
4-Chloroaniline
Concen: 4.18 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.16 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:127 Resp: 32789

Ion	Ratio	Lower	Upper
127	100		
129	84.1	26.2	39.4#
65	5.9	23.0	34.4#
92	0.0	15.1	22.7#

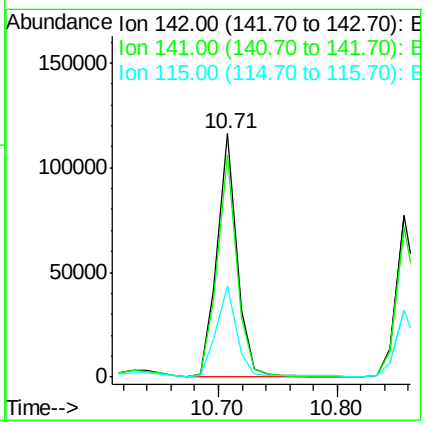


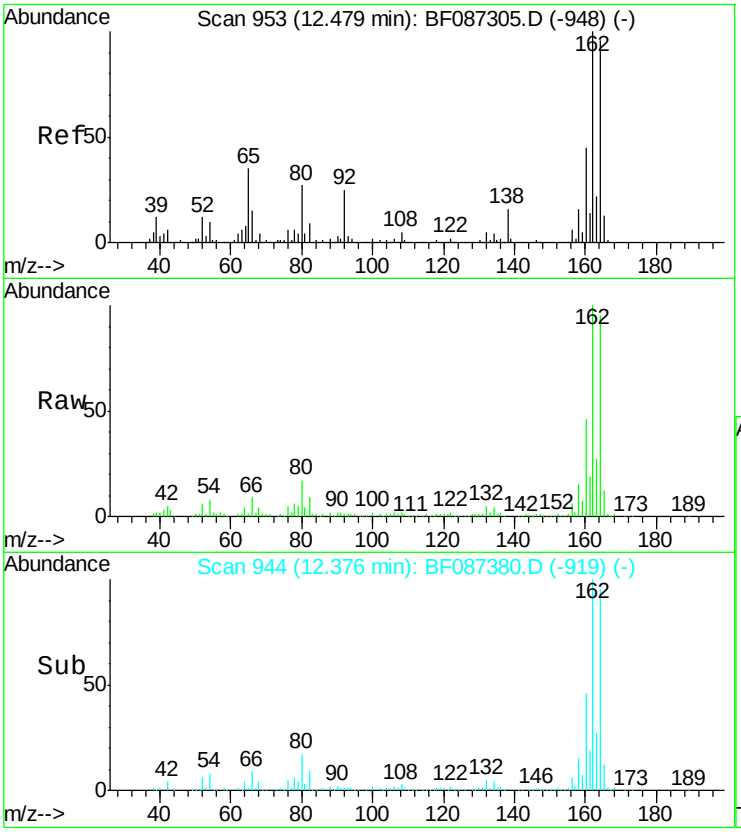


#37
2-Methylnaphthalene
Concen: 10.21 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:142 Resp: 135891

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.0	106.6
115	37.4	26.6	39.8



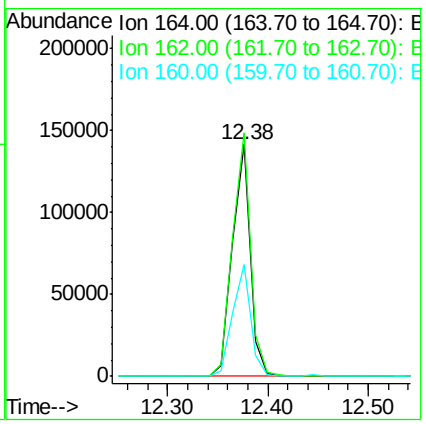


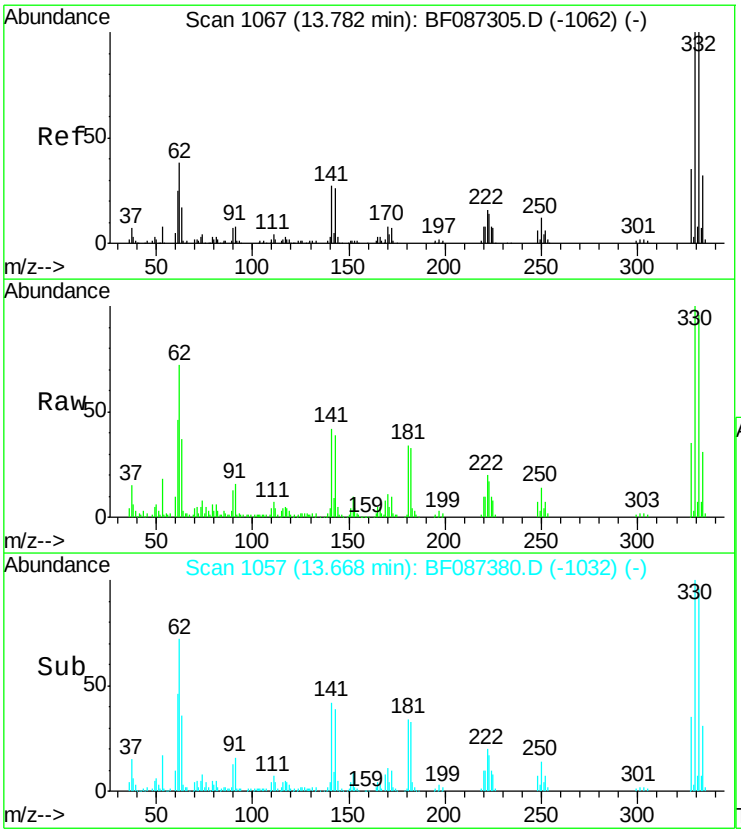
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:164 Resp: 174770

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.8	124.2
160	48.0	36.9	55.3

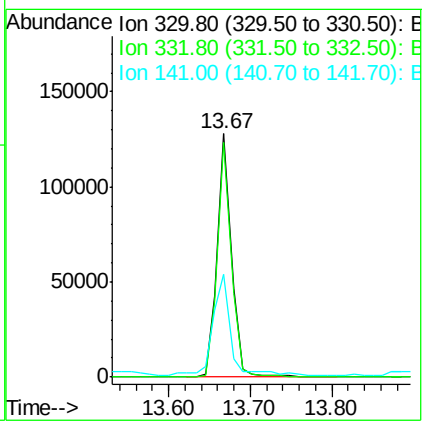


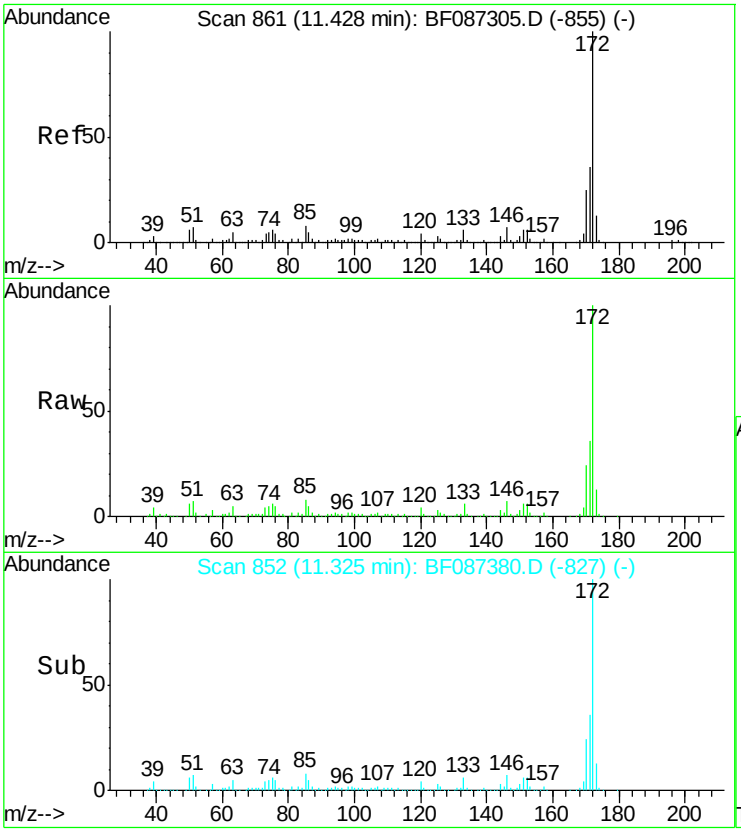


#41
2,4,6-Tribromophenol
Concen: 93.39 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:330 Resp: 156854

Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.0	118.4
141	53.3	31.2	46.8#



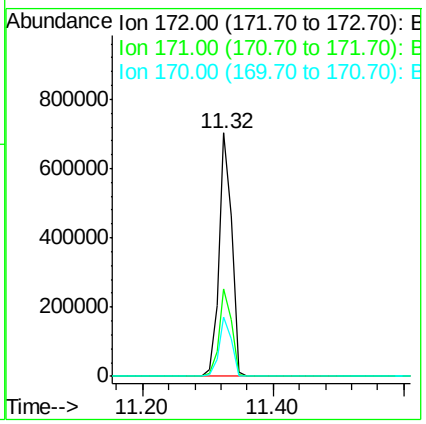


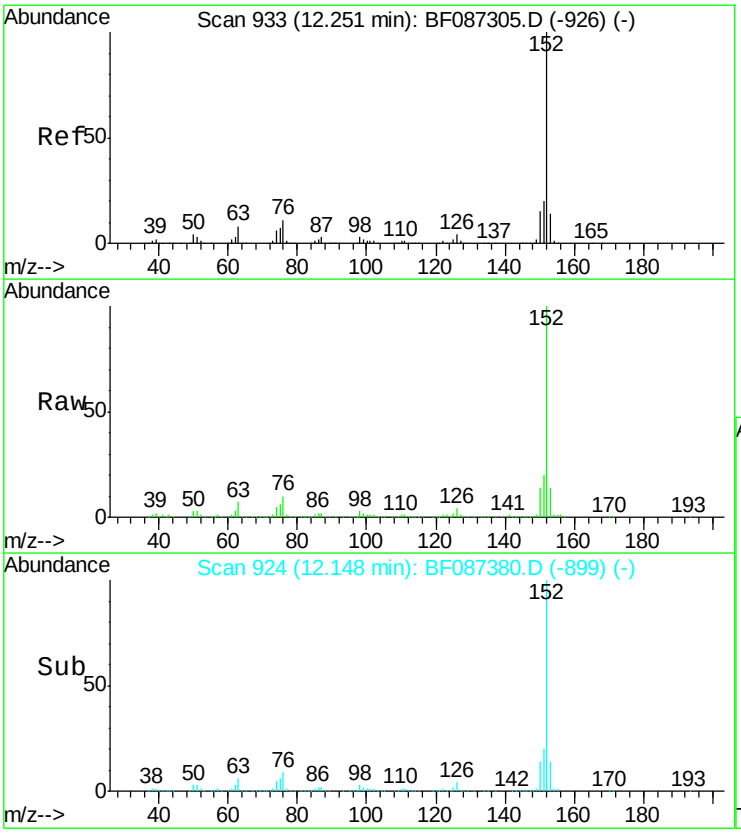
#44
2-Fluorobiphenyl
Concen: 78.49 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:172 Resp: 973035

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.4	19.8	29.8

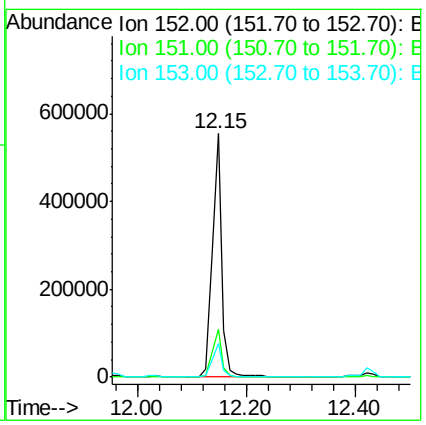


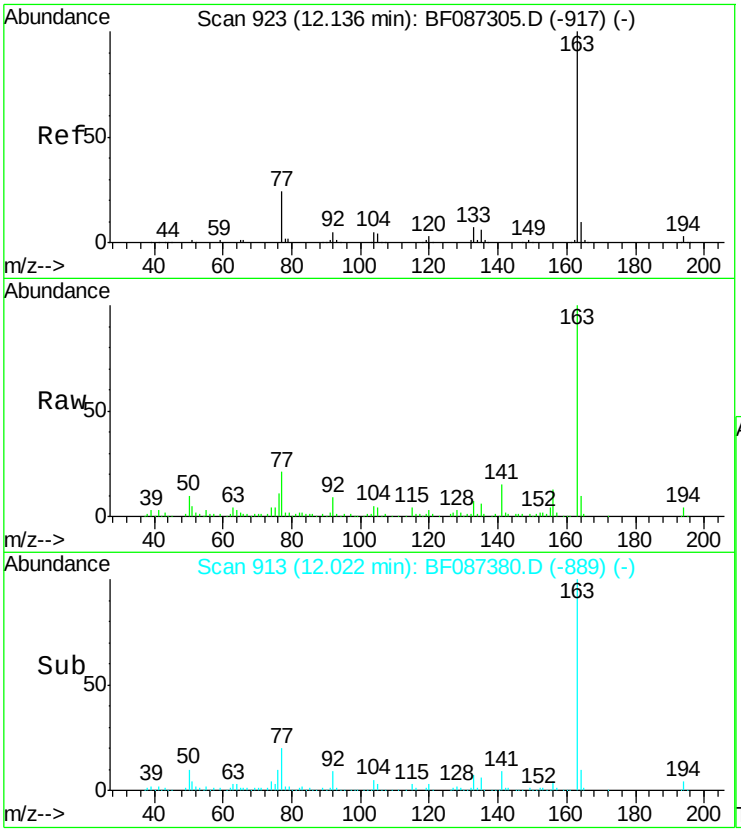


#48
Acenaphthylene
Concen: 38.89 ng
RT: 12.15 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:152 Resp: 693180

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.8	10.9	16.3



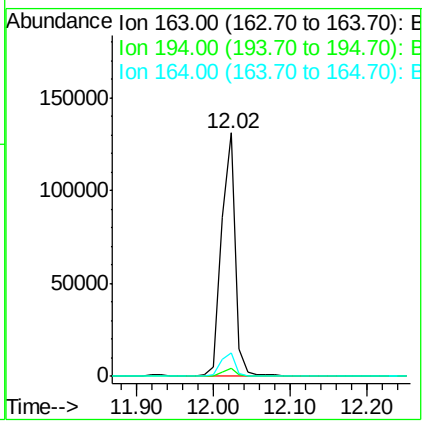


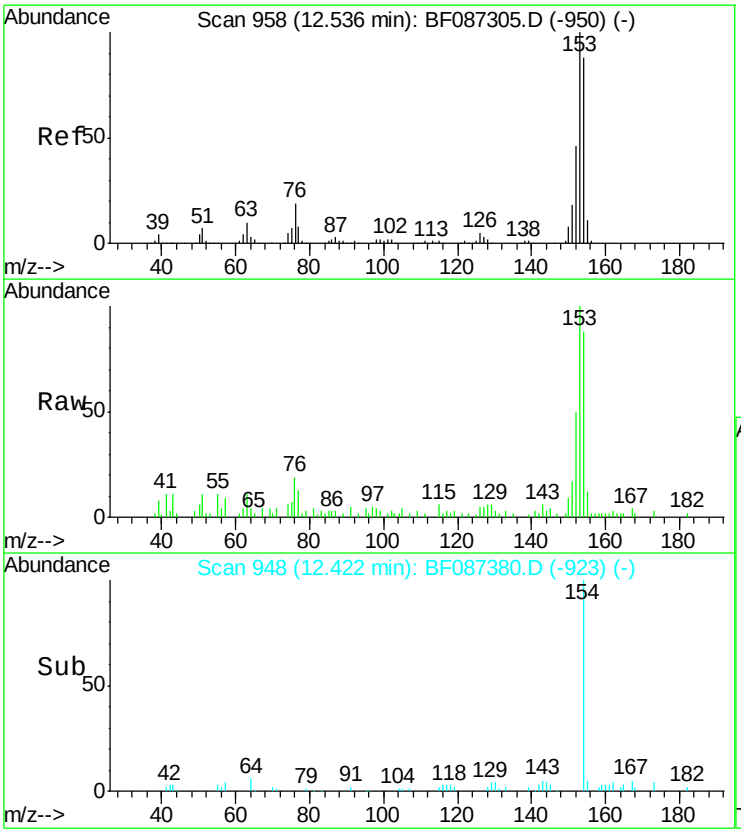
#49
Dimethylphthalate
Concen: 12.00 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:163 Resp: 168061

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.8	8.2	12.4

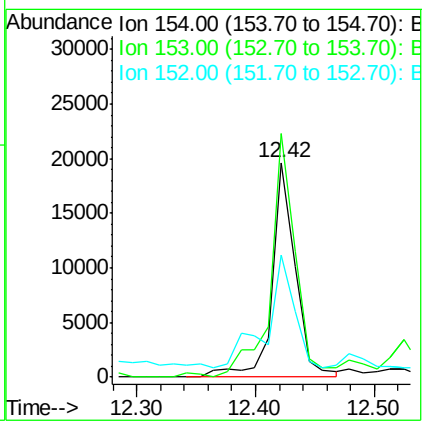


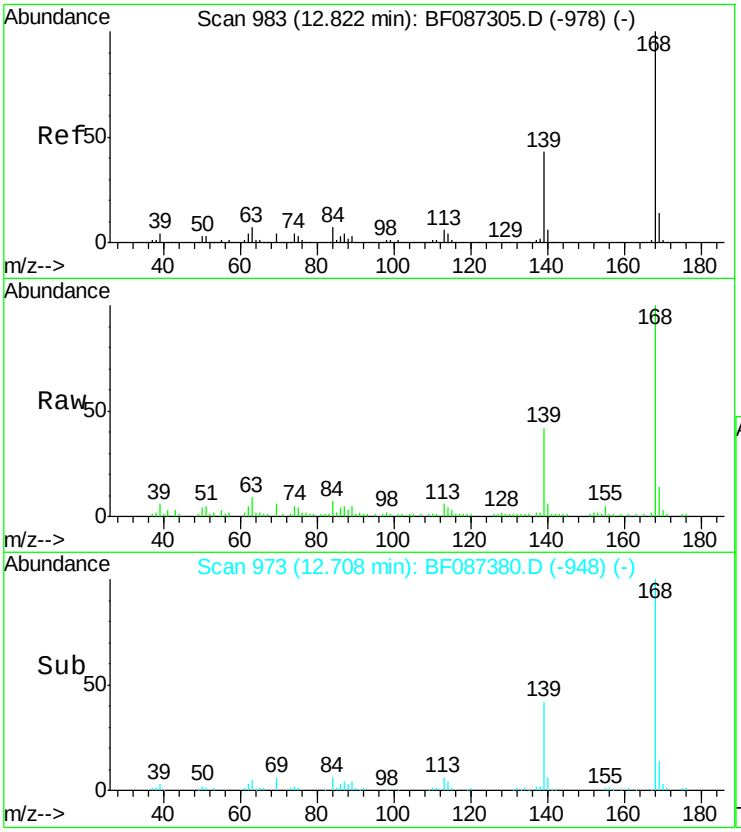


#51
Acenaphthene
Concen: 2.42 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:154 Resp: 26466

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.8	134.6
152	56.9	43.4	65.0



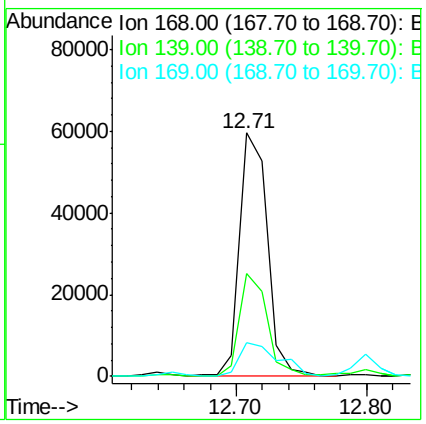


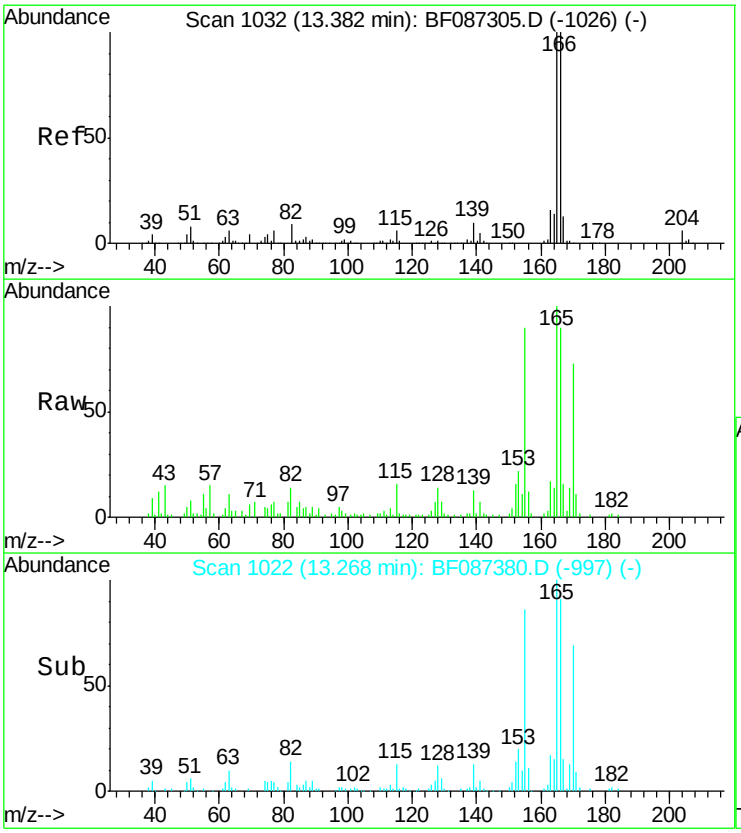
#54
Dibenzofuran
Concen: 5.94 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:168 Resp: 88057

Ion	Ratio	Lower	Upper
168	100		
139	42.1	31.4	47.0
169	14.0	10.7	16.1

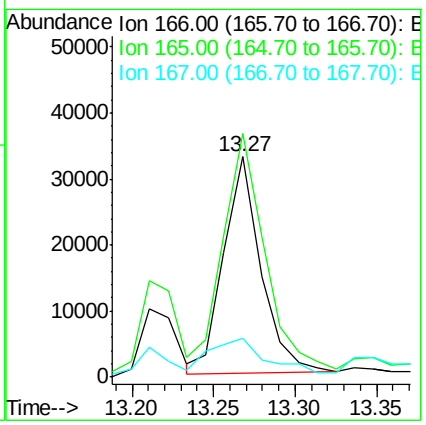


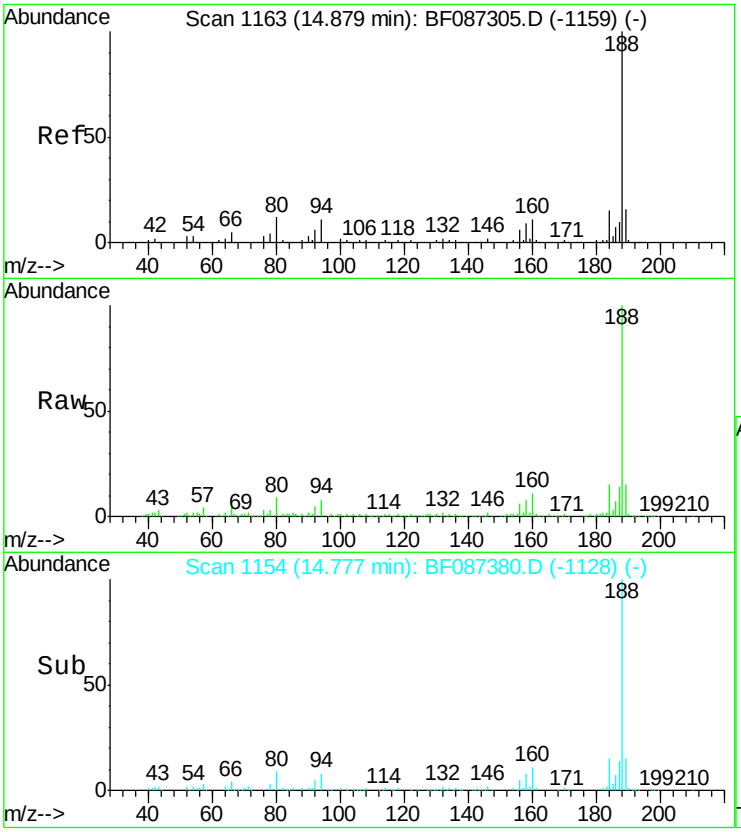


#57
Fluorene
Concen: 4.03 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:166 Resp: 51837

Ion	Ratio	Lower	Upper
166	100		
165	110.7	79.0	118.6
167	17.5	10.6	15.8#



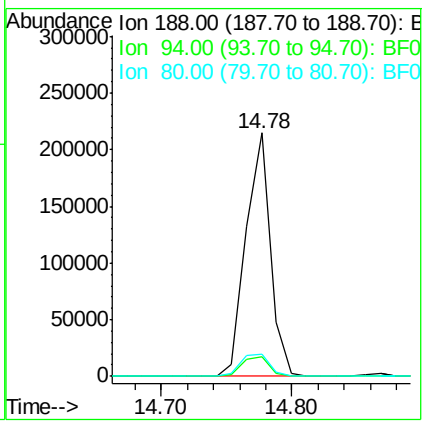


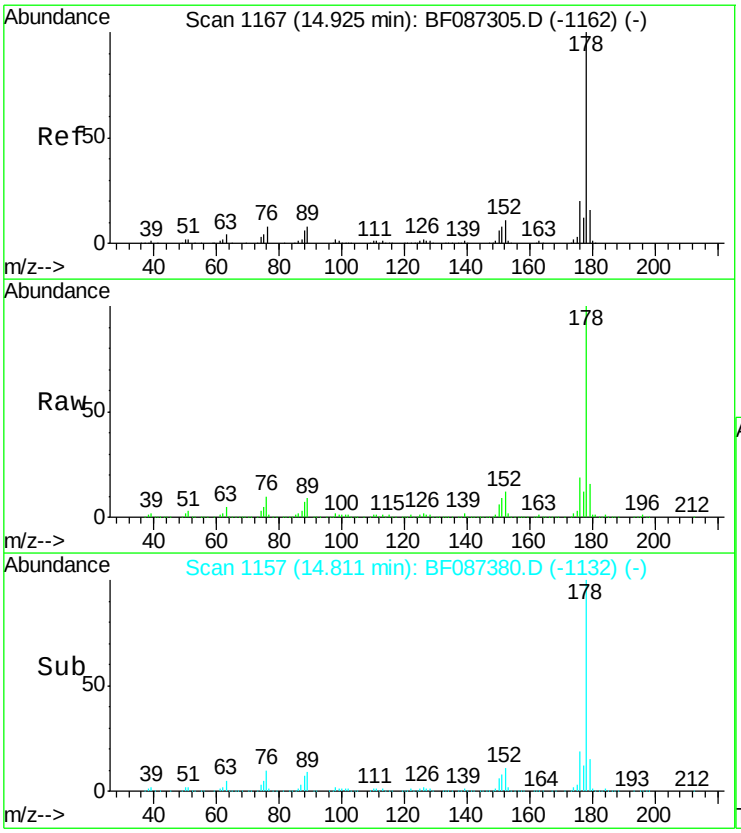
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:188 Resp: 281187

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	9.2	7.1	10.7

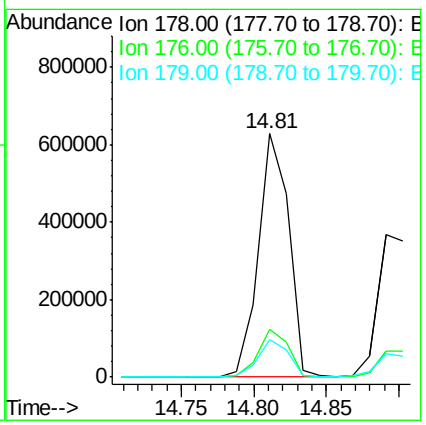


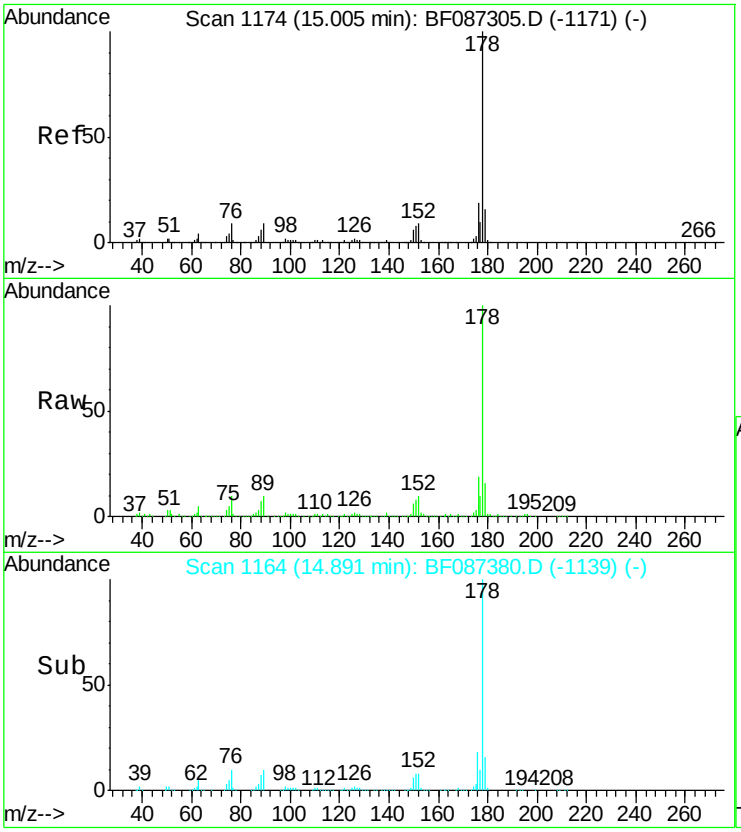


#70
Phenanthrene
Concen: 58.28 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:178 Resp: 907699

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.6	12.6	18.8



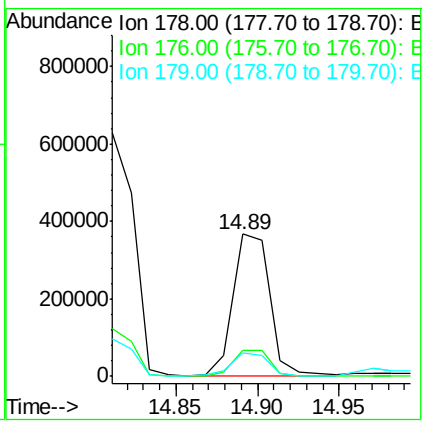


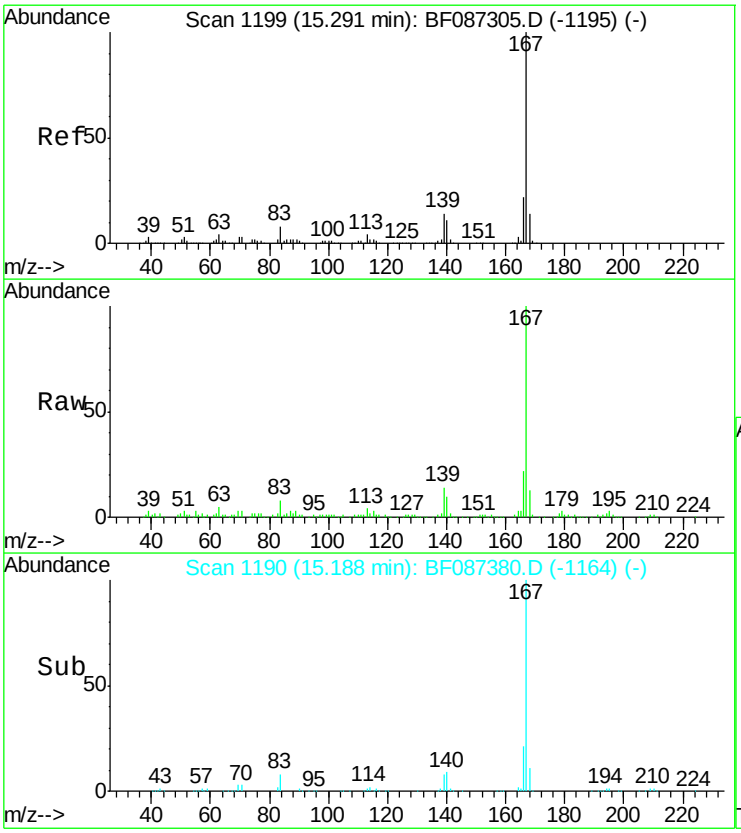
#71
Anthracene
Concen: 35.86 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:178 Resp: 564162

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	16.3	12.7	19.1

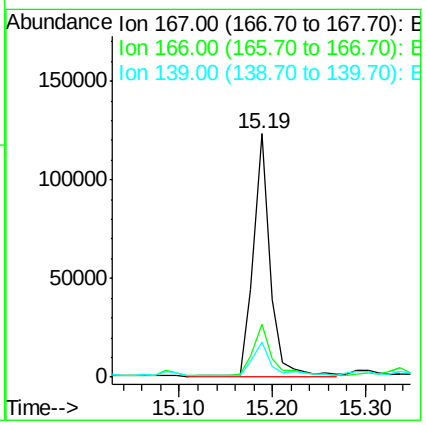


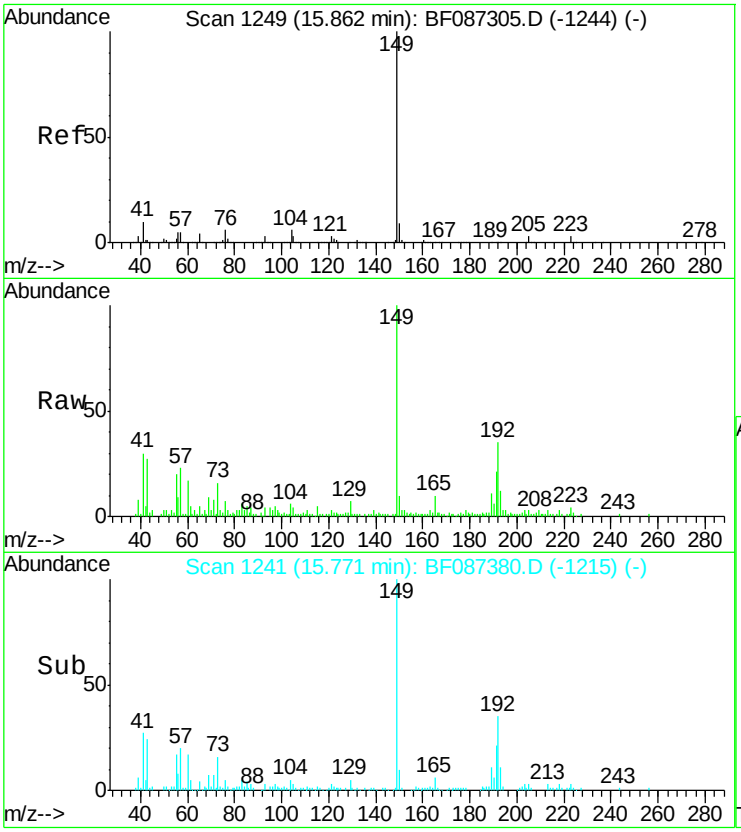


#72
Carbazole
Concen: 11.36 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:167 Resp: 152388

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	14.3	10.8	16.2



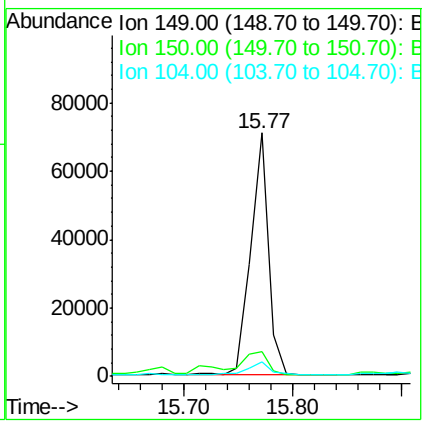


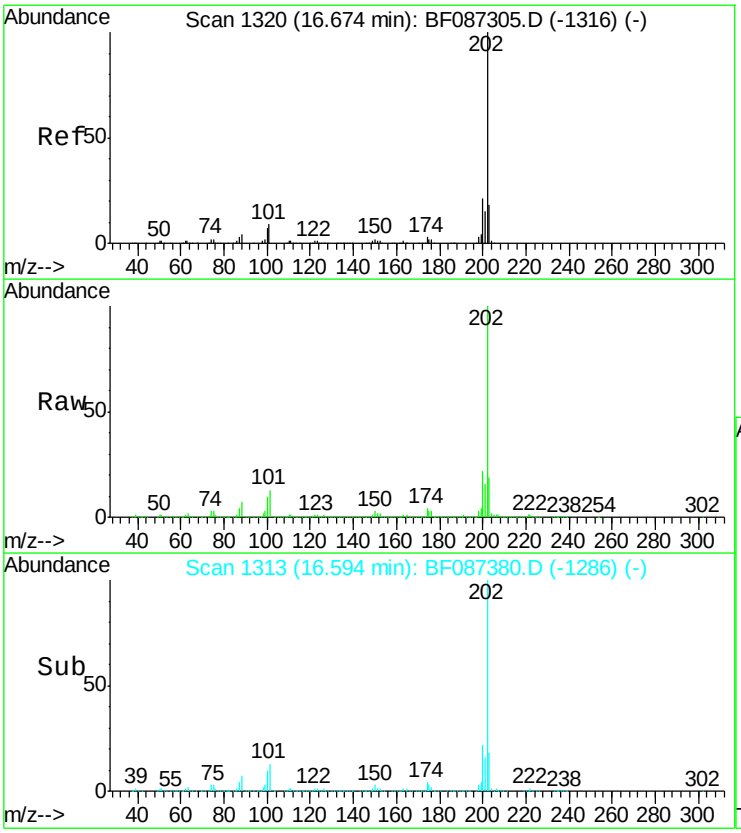
#73
Di-n-butylphthalate
Concen: 4.70 ng
RT: 15.77 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:149 Resp: 81620

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.6	11.4
104	5.7	3.8	5.6#

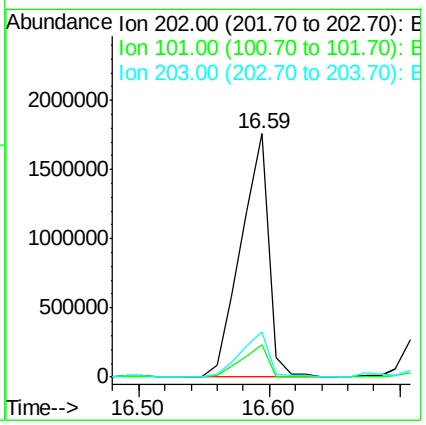


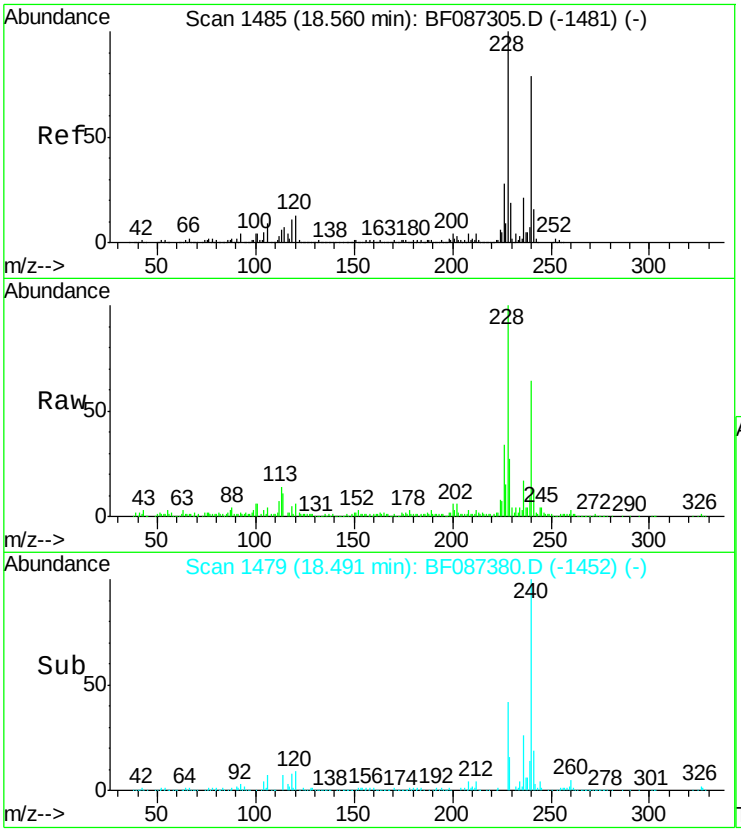


#74
Fluoranthene
Concen: 166.86 ng
RT: 16.59 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:202 Resp: 2606128

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	35.4
203	18.5	0.0	38.1



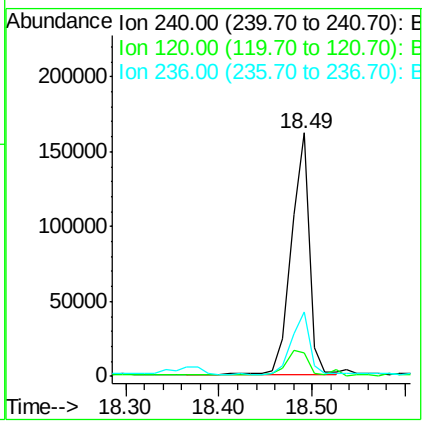


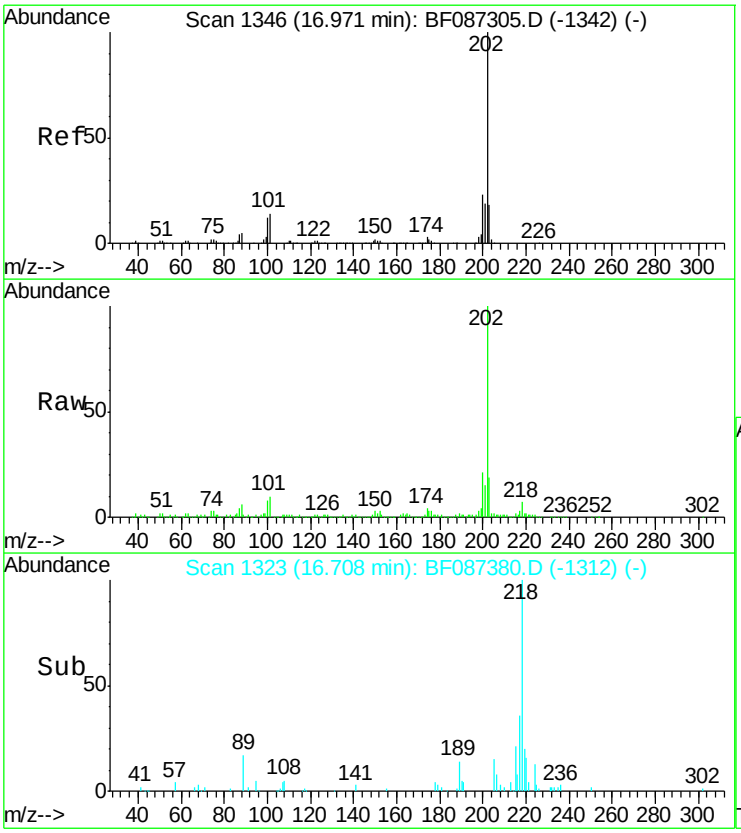
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:240 Resp: 221003

Ion	Ratio	Lower	Upper
240	100		
120	9.5	11.2	16.8#
236	26.5	21.2	31.8

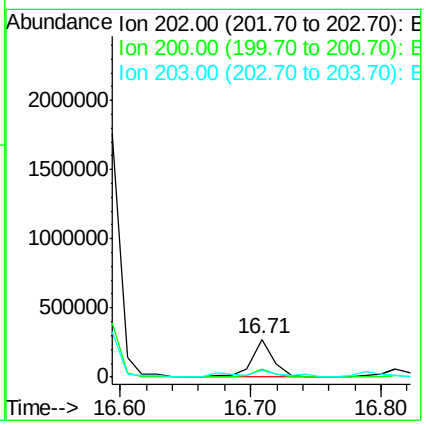


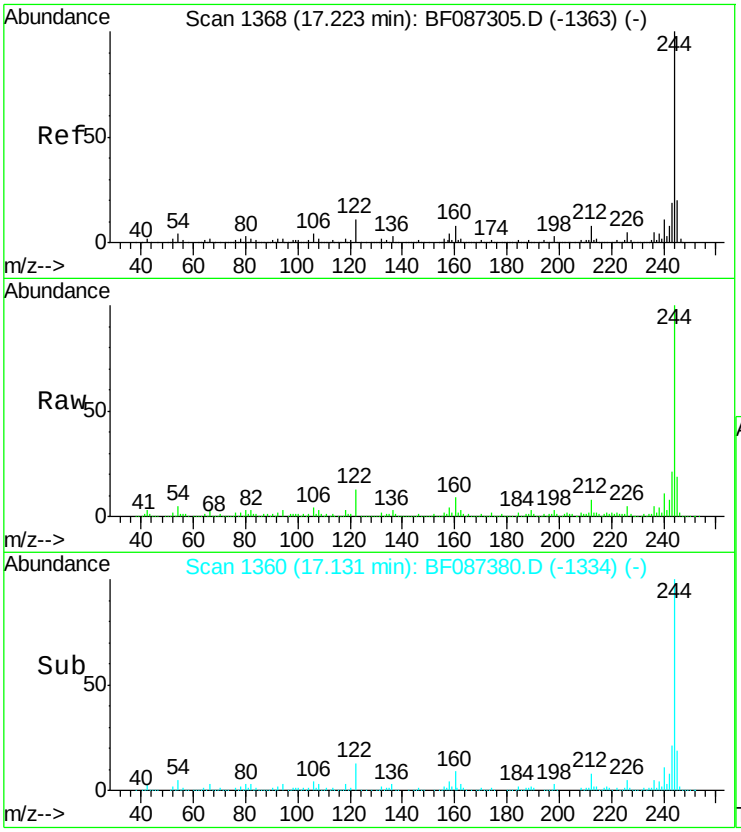


#77
Pyrene
Concen: 19.58 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.17 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:202 Resp: 311467

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	18.5	14.2	21.4



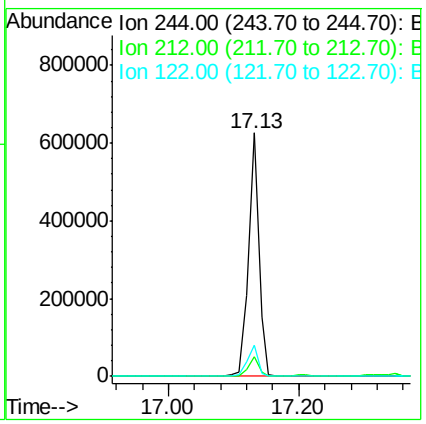


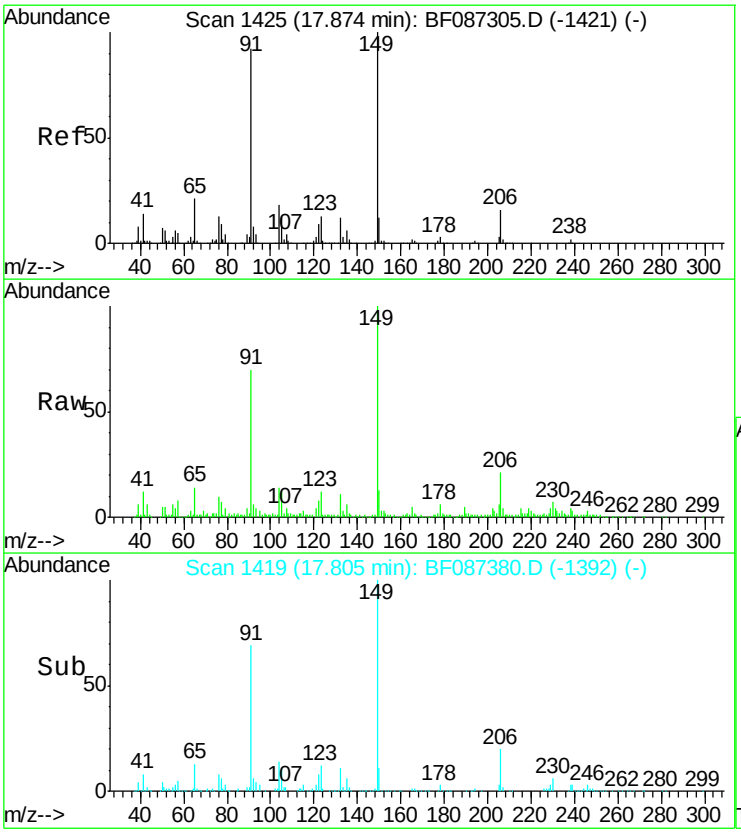
#78
Terphenyl-d14
Concen: 66.94 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:244 Resp: 695870

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	12.7	12.0	18.0

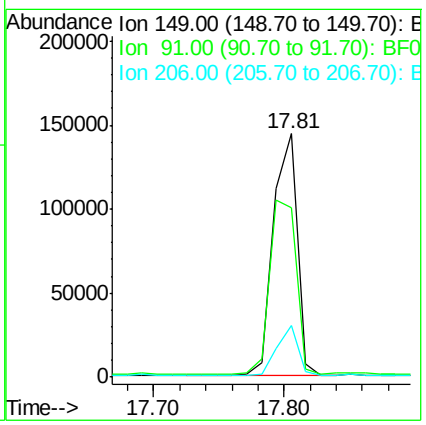


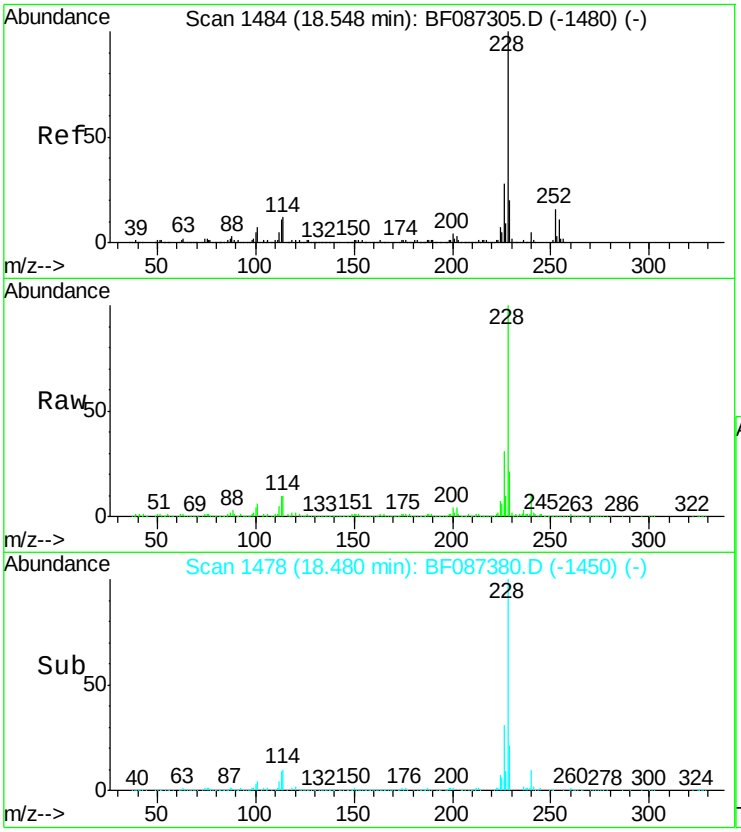


#79
Butylbenzylphthalate
Concen: 26.30 ng
RT: 17.81 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:149 Resp: 185549

Ion	Ratio	Lower	Upper
149	100		
91	69.8	48.0	72.0
206	20.9	15.8	23.6



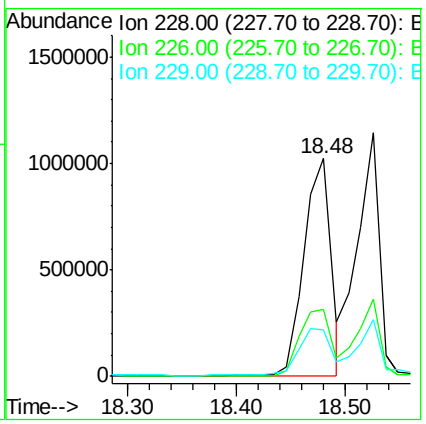


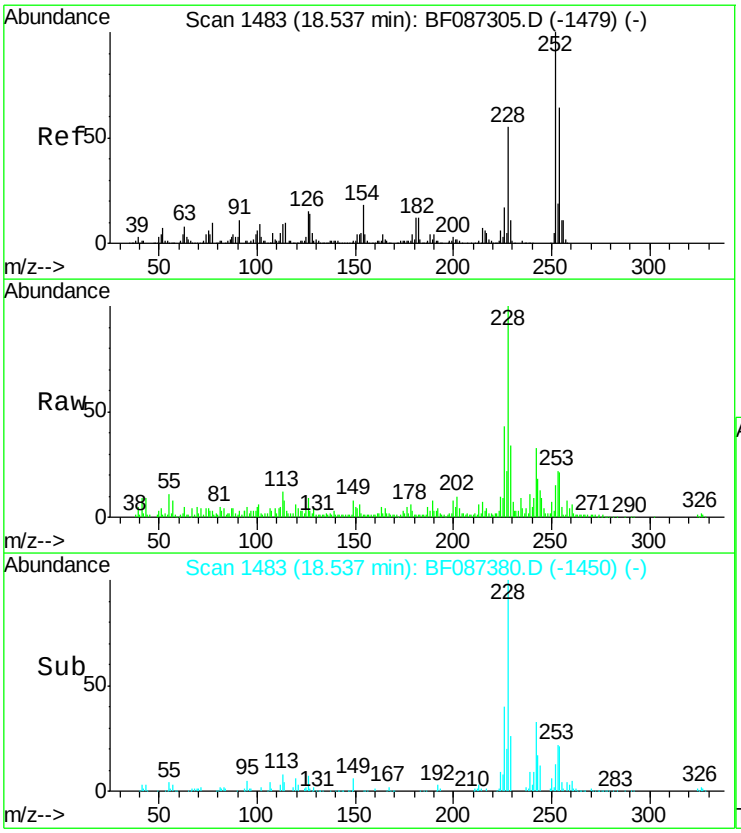
#80
Benzo(a)anthracene
Concen: 139.09 ng
RT: 18.48 min Scan# 1478
Delta R.T. 0.02 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:228 Resp: 1748560

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.5	33.7
229	21.5	16.6	25.0

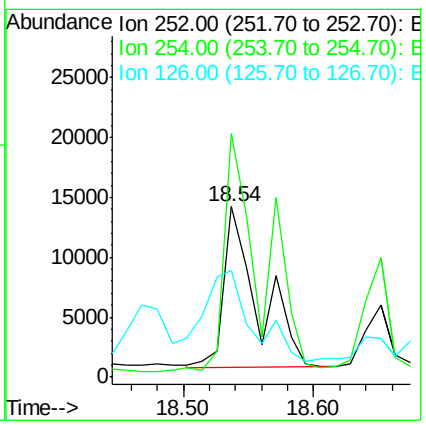


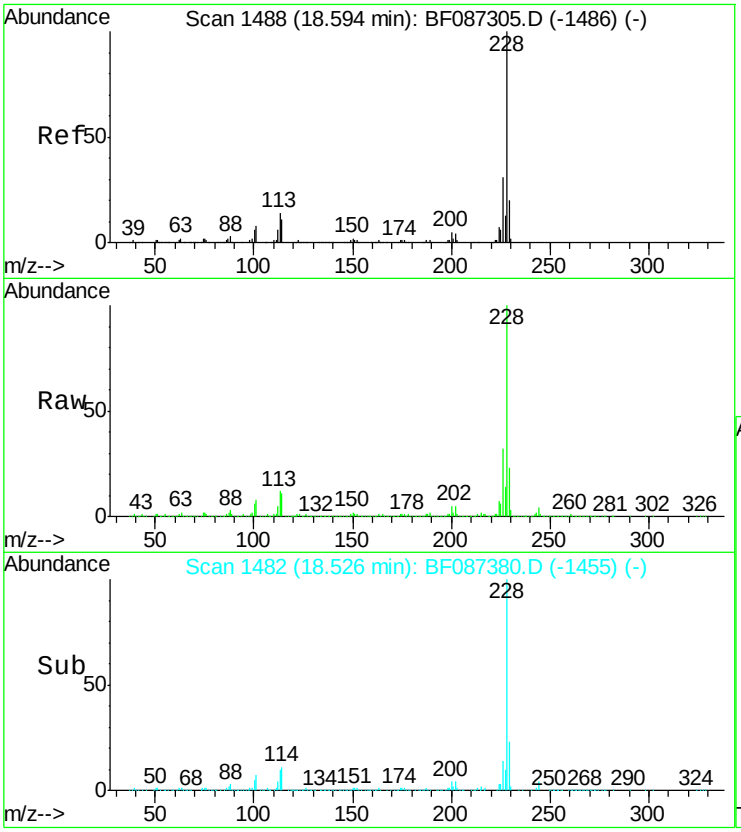


#81
3,3'-Dichlorobenzidine
Concen: 3.55 ng
RT: 18.54 min Scan# 1483
Delta R.T. 0.08 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:252 Resp: 24663

Ion	Ratio	Lower	Upper
252	100		
254	142.8	50.7	76.1#
126	62.8	12.7	19.1#



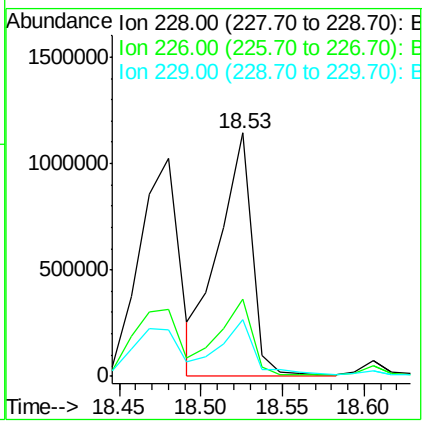


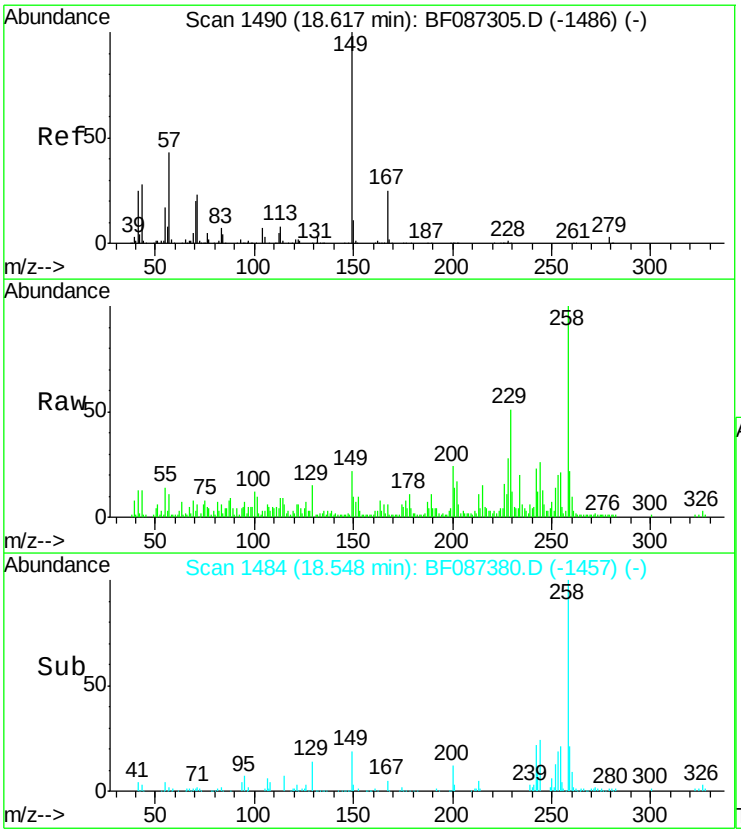
#82
Chrysene
Concen: 129.28 ng
RT: 18.53 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:228 Resp: 1612948

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.4	36.6
229	23.3	15.8	23.8

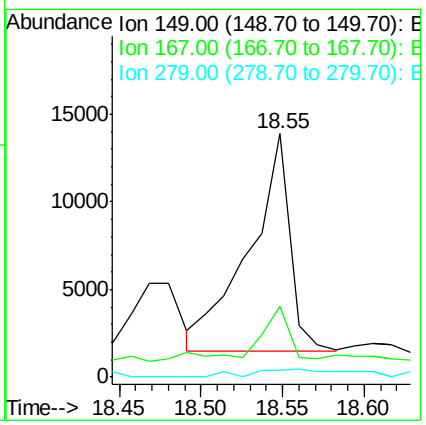


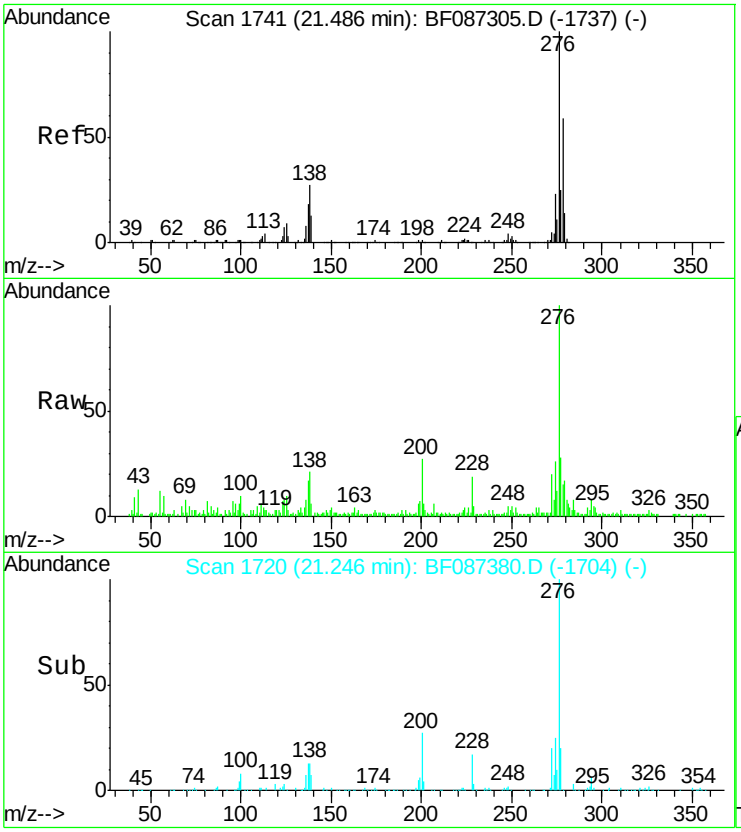


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.11 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:149 Resp: 21670

Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.8	32.6
279	3.0	2.6	4.0



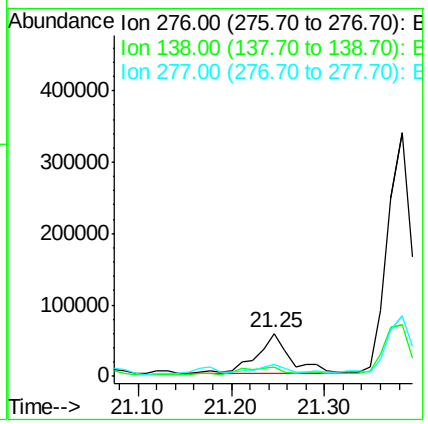


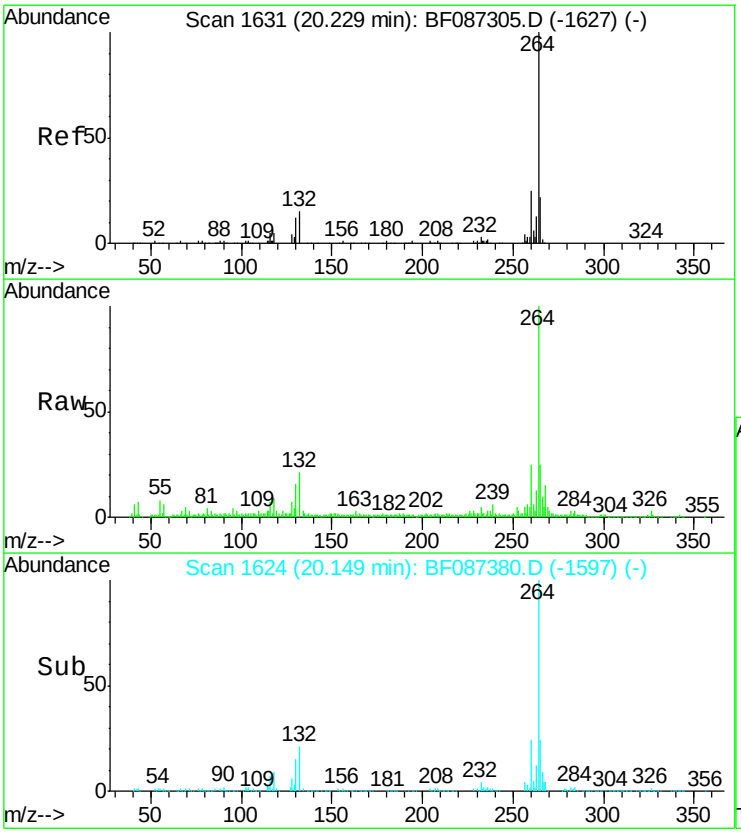
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.07 ng
RT: 21.25 min Scan# 1720
Delta R.T. -0.11 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:276 Resp: 140683

Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.6	38.4
277	20.6	20.5	30.7

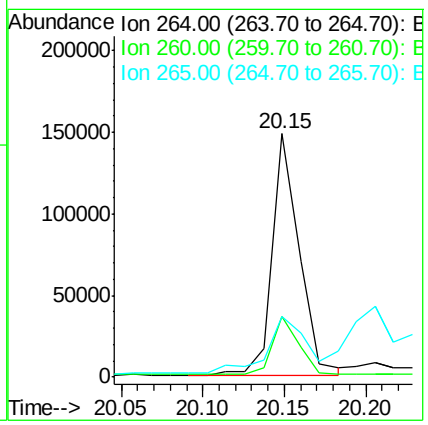


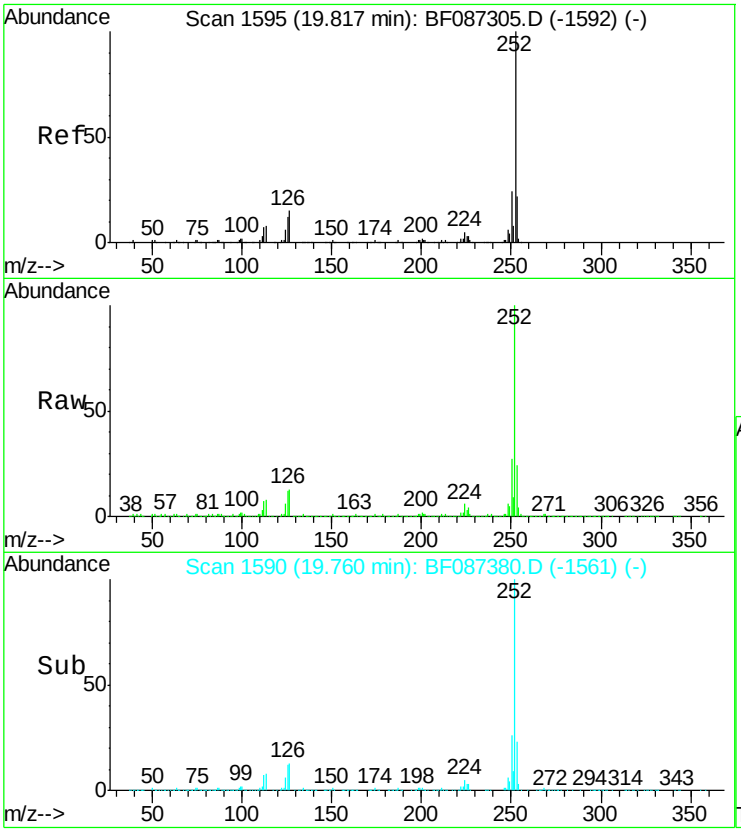


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:264 Resp: 172521

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	25.0	17.3	25.9



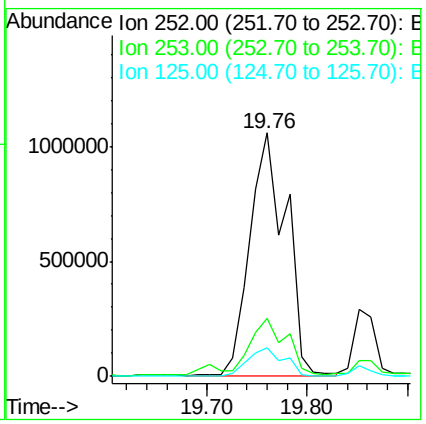


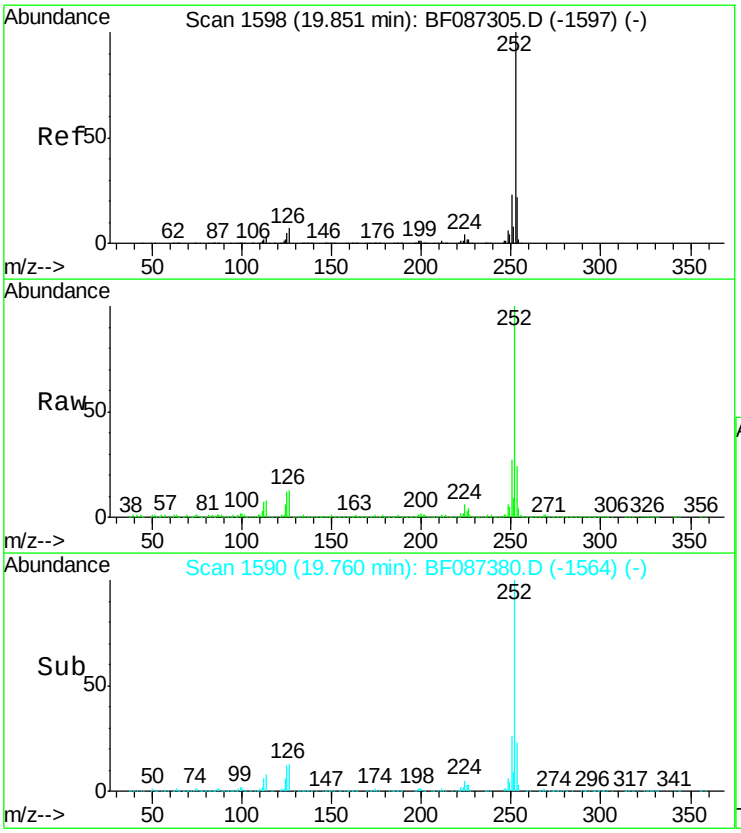
#87
Benzo(b)fluoranthene
Concen: 239.41 ng
RT: 19.76 min Scan# 1590
Delta R.T. 0.03 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:252 Resp: 2631011

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	11.9	11.4	17.0

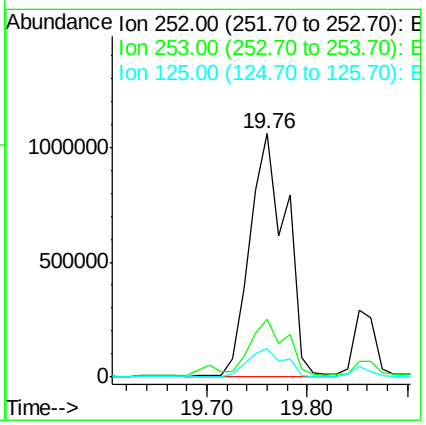


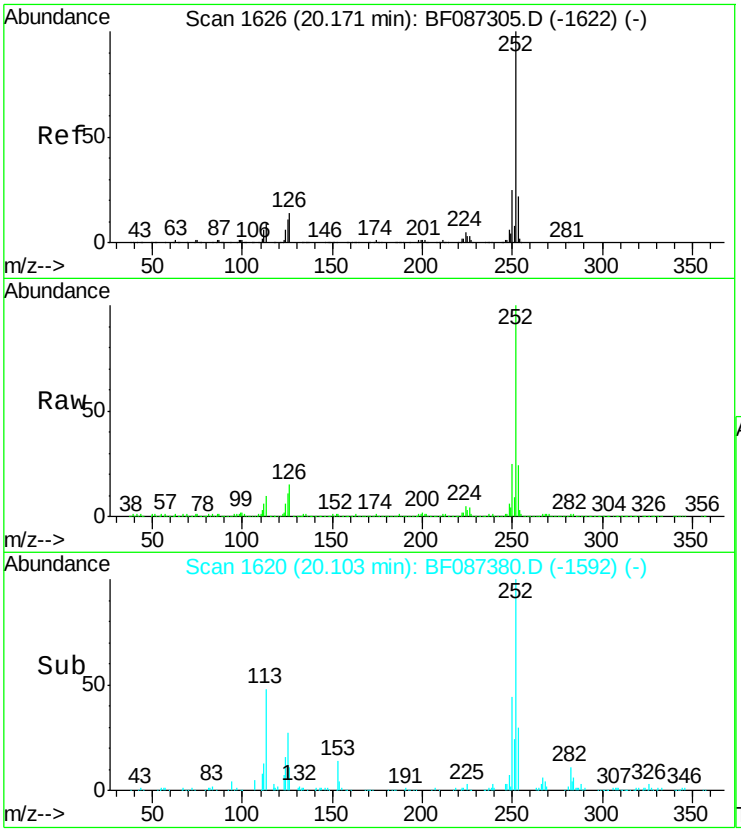


#88
Benzo(k)fluoranthene
Concen: 278.15 ng
RT: 19.76 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:252 Resp: 2631011

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	11.9	9.1	13.7



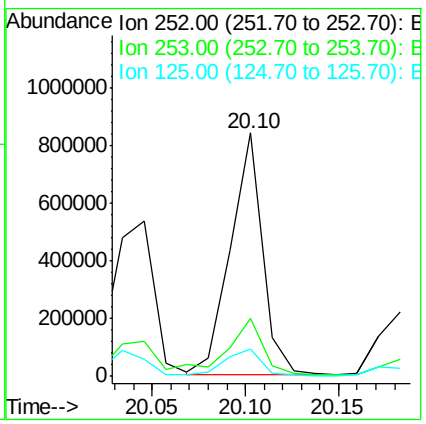


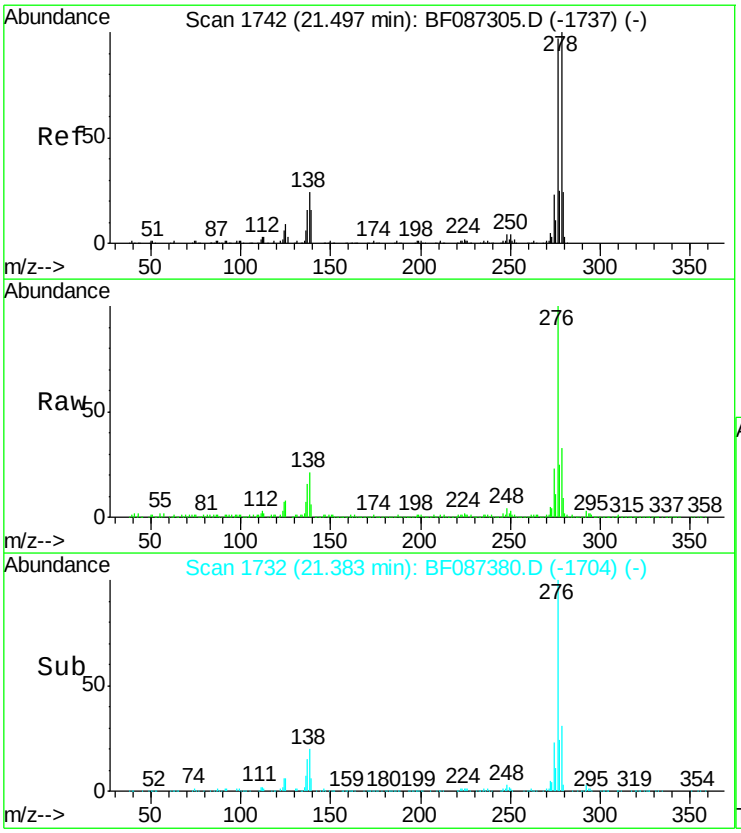
#89
Benzo(a)pyrene
Concen: 107.07 ng
RT: 20.10 min Scan# 1620
Delta R.T. 0.02 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:252 Resp: 1017656

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	11.3	9.0	13.6

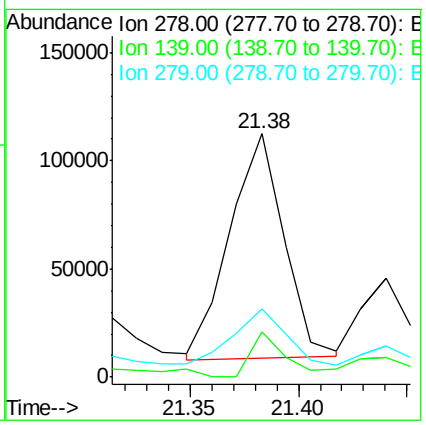


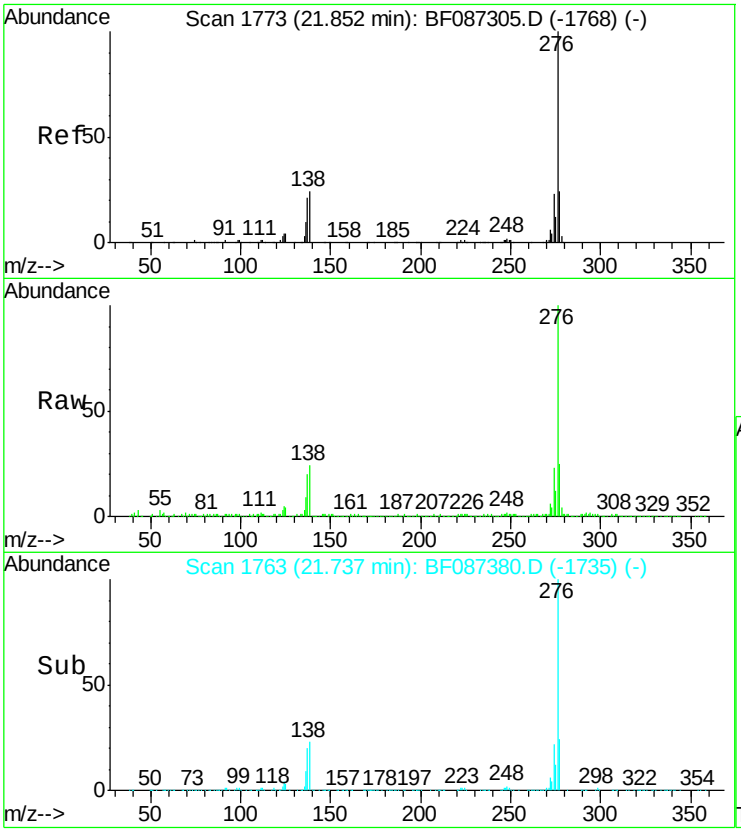


#90
Dibenzo(a,h)anthracene
Concen: 22.24 ng
RT: 21.38 min Scan# 1732
Delta R.T. 0.02 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:278 Resp: 180292

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.6	24.8
279	28.0	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 60.15 ng
RT: 21.74 min Scan# 1763
Delta R.T. 0.02 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:276 Resp: 481096

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	23.6	23.6	35.4