Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092389.D
Acq On : 20 Jan 2017 23:02
Operator : UM/SJ
Sample : I1329-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-0-3FT-COMP

Quant Time: Jan 21 00:07:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 22:22:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	139492	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	702905	20.00	ng		0.00
38) Acenaphthene-d10	9.56	164	324300	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	439849	20.00	ng		0.00
75) Chrysene-d12	13.66	240	318418	20.00	ng		0.00
86) Perylene-d12	15.02	264	240714	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	236875	28.35	ng		0.02
7) Phenol-d6	6.19	99	899256	88.17	ng		0.00
23) Nitrobenzene-d5	7.10	82	833260	65.92	ng		0.00
41) 2,4,6-Tribromophenol	10.35	330	26329	9.81	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	1444478	92.38	ng		0.00
78) Terphenyl-d14	12.62	244	901017	68.63	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.21	94	51121	4.40	ng		87
19) n-Nitroso-di-n-propylamine	7.10	70	117556	17.32	ng	#	71
30) 1,2,4-Trichlorobenzene	7.76	180	33426	3.27	ng		99
31) Naphthalene	7.83	128	135360	4.21	ng		99
35) Caprolactam	8.26	113	12376	4.04	ng	#	1
37) 2-Methylnaphthalene	8.53	142	79615	2.72	ng		97
45) 1,1'-Biphenyl	8.99	154	53199	2.40	ng		94
49) Dimethylphthalate	9.30	163	355156	17.12	ng		100
55) 4-Nitrophenol	9.76	139	11068	2.90	ng	#	45
65) n-Nitrosodiphenylamine	10.22	169	26187	2.01	ng	#	56
70) Phenanthrene	11.06	178	174801	7.33	ng		98
73) Di-n-butylphthalate	11.62	149	8529	Below Cal		#	71
74) Fluoranthene	12.25	202	191179	5.81	ng		94
76) Benzidine	12.35	184	1154	Below Cal		#	1
77) Pyrene	12.47	202	180392	7.72	ng		97
80) Benzo(a)anthracene	13.66	228	88445	4.92	ng		95
82) Chrysene	13.66	228	88445	4.91	ng		97
83) Bis(2-ethylhexyl)phthalate	13.67	149	34002	2.72	ng	#	89
87) Benzo(b)fluoranthene	14.67	252	102910	6.87	ng	#	82
88) Benzo(k)fluoranthene	14.67	252	102910	8.05	ng	#	82
89) Benzo(a)pyrene	14.97	252	49013	3.68	ng	#	74
91) Benzo(g,h,i)perylene	16.60	276	27773	2.44	ng	#	86

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

Quantitation Report (Not Reviewed)

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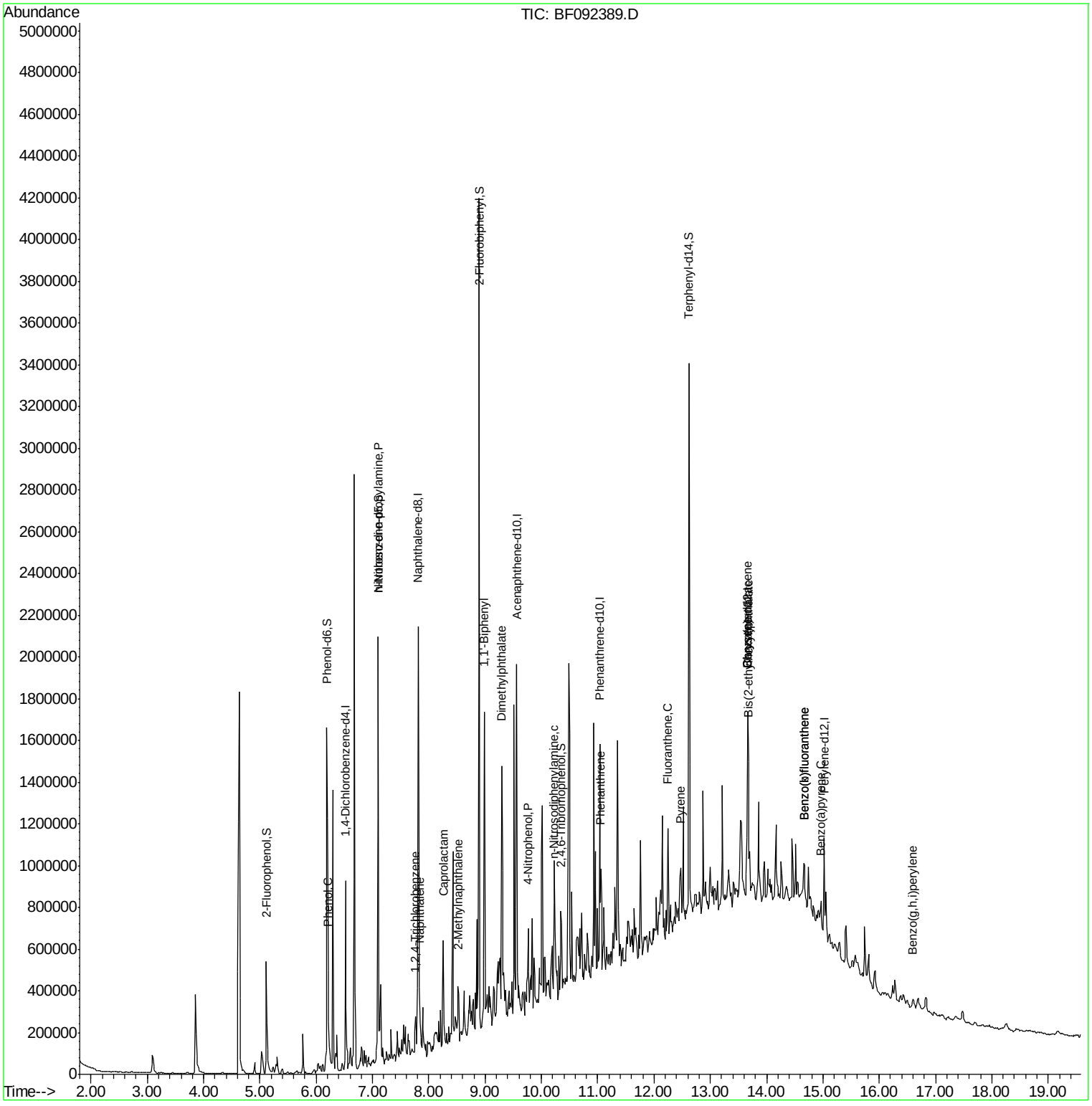
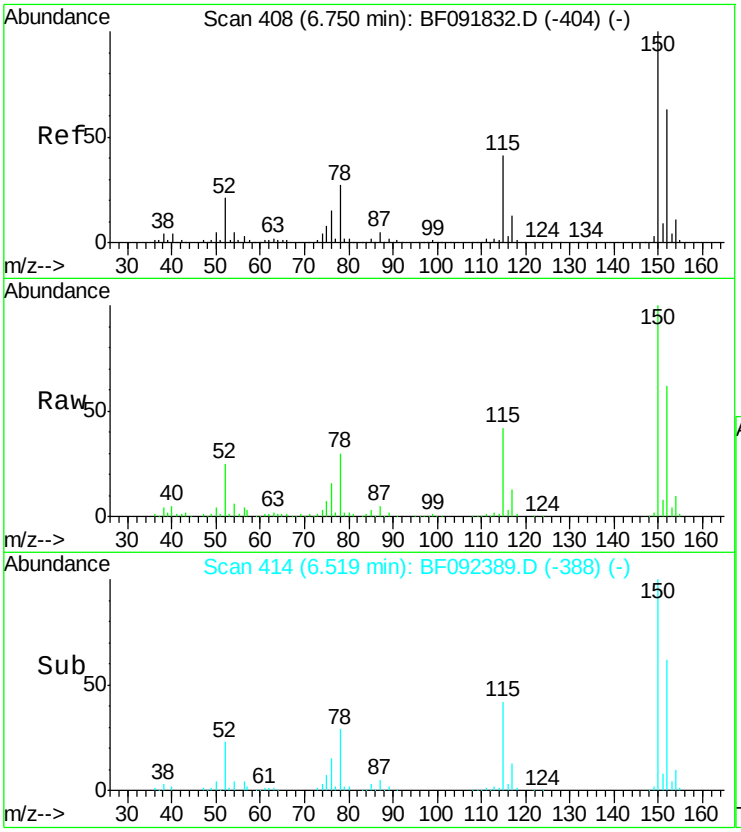


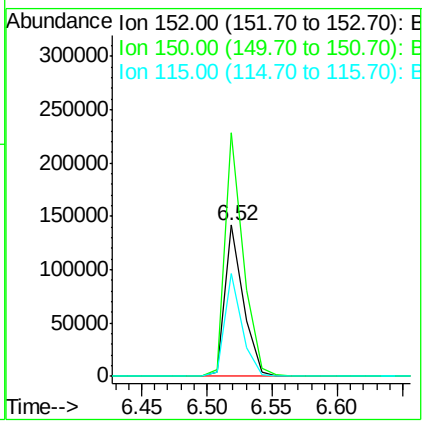


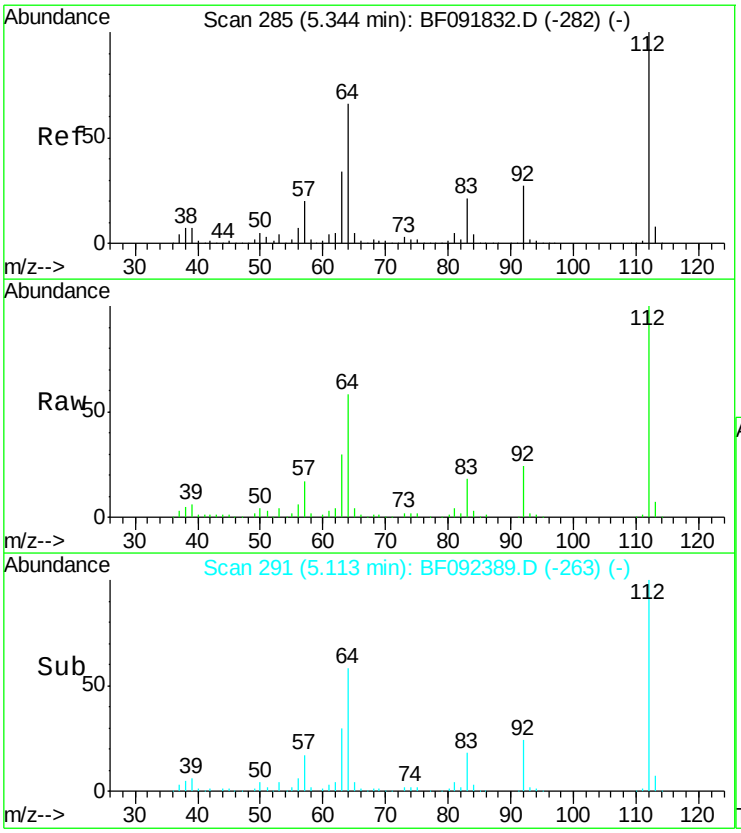
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:152 Resp: 139492

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.9	187.3
115	67.6	46.0	69.0

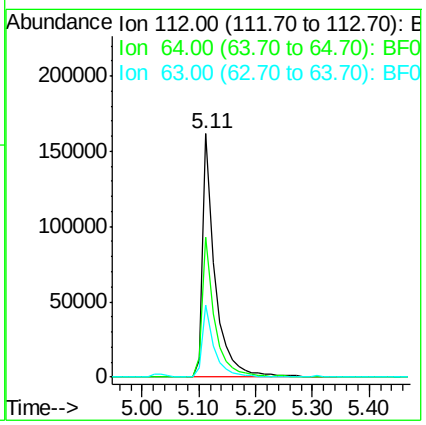


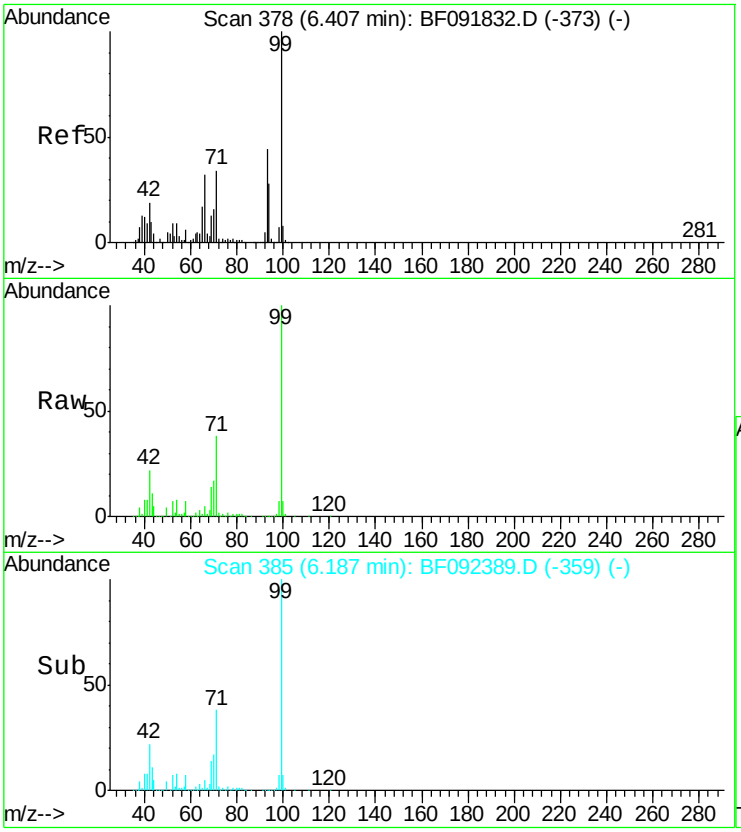


#5
2-Fluorophenol
Concen: 28.35 ng
RT: 5.11 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:112 Resp: 236875

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.1	69.1
63	29.6	23.8	35.6



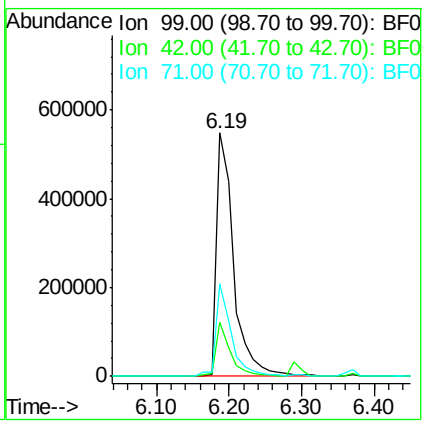


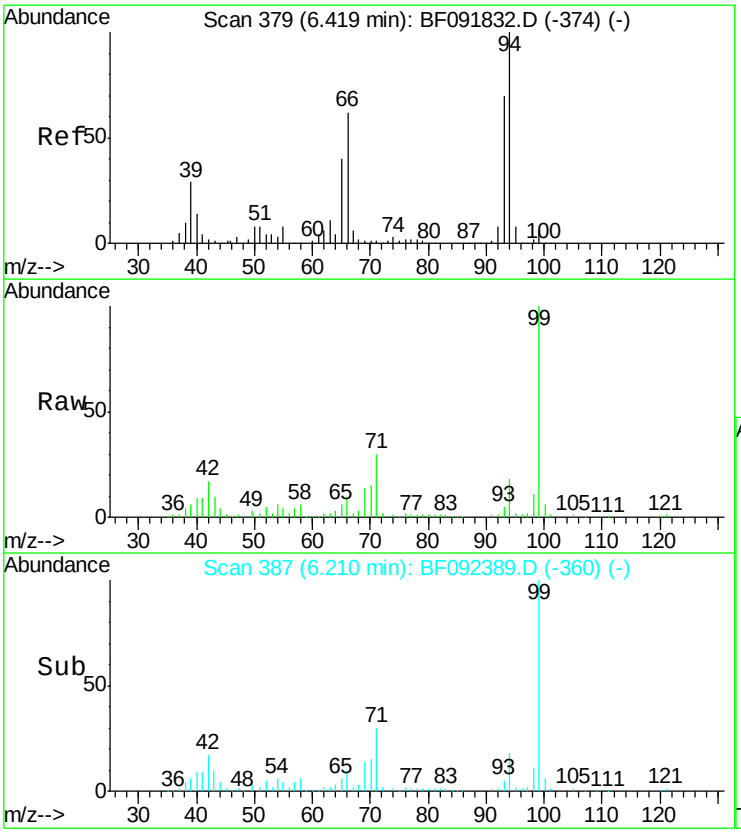
#7
Phenol-d6
Concen: 88.17 ng
RT: 6.19 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion: 99 Resp: 899256

Ion	Ratio	Lower	Upper
99	100		
42	22.1	15.6	23.4
71	37.8	27.5	41.3

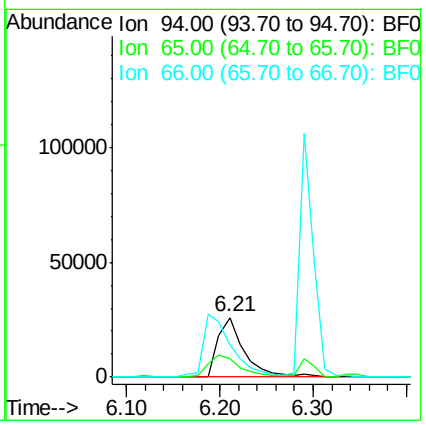


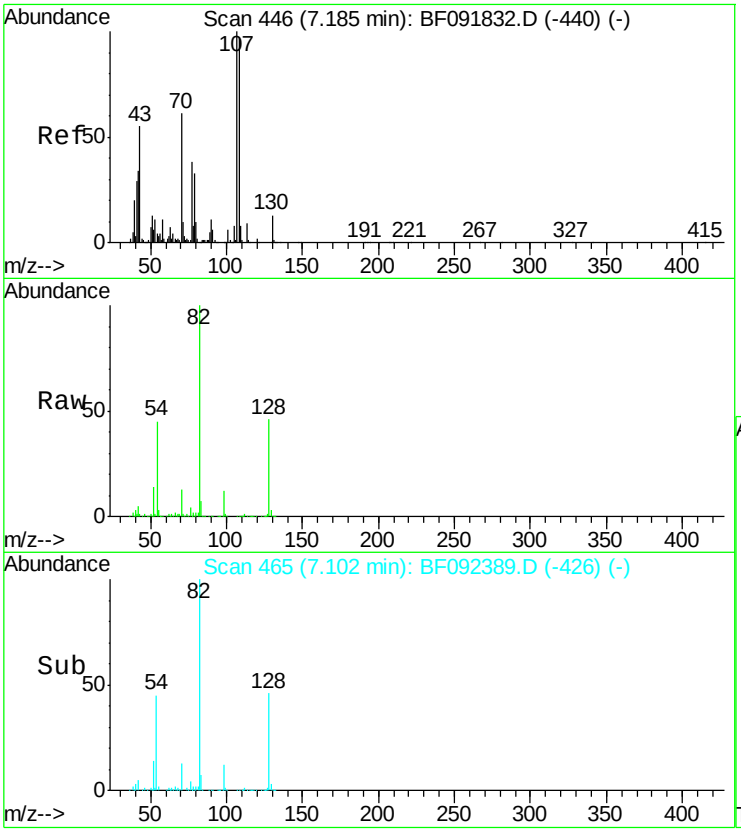


#10
Phenol
Concen: 4.40 ng
RT: 6.21 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion: 94 Resp: 51121

Ion	Ratio	Lower	Upper
94	100		
65	31.5	21.4	61.4
66	55.5	44.0	84.0



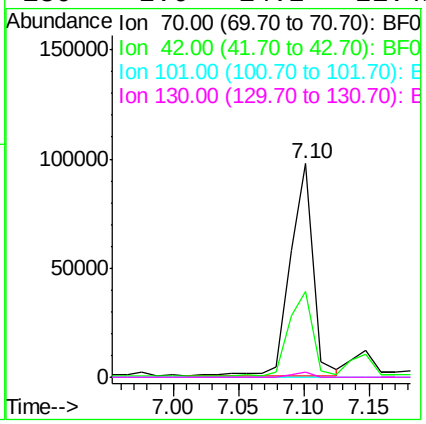


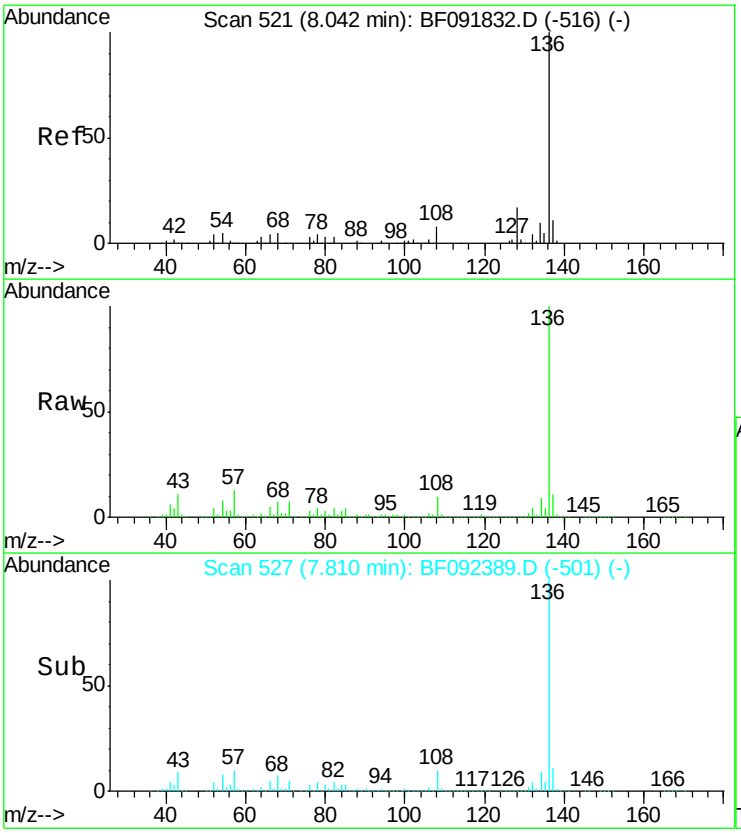
#19
n-Nitroso-di-n-propylamine
Concen: 17.32 ng
RT: 7.10 min Scan# 465
Delta R.T. 0.15 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion: 70 Resp: 117556

Ion	Ratio	Lower	Upper
70	100		
42	40.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.6	14.2	21.4#

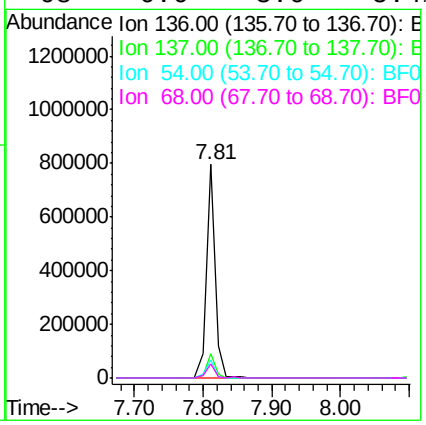


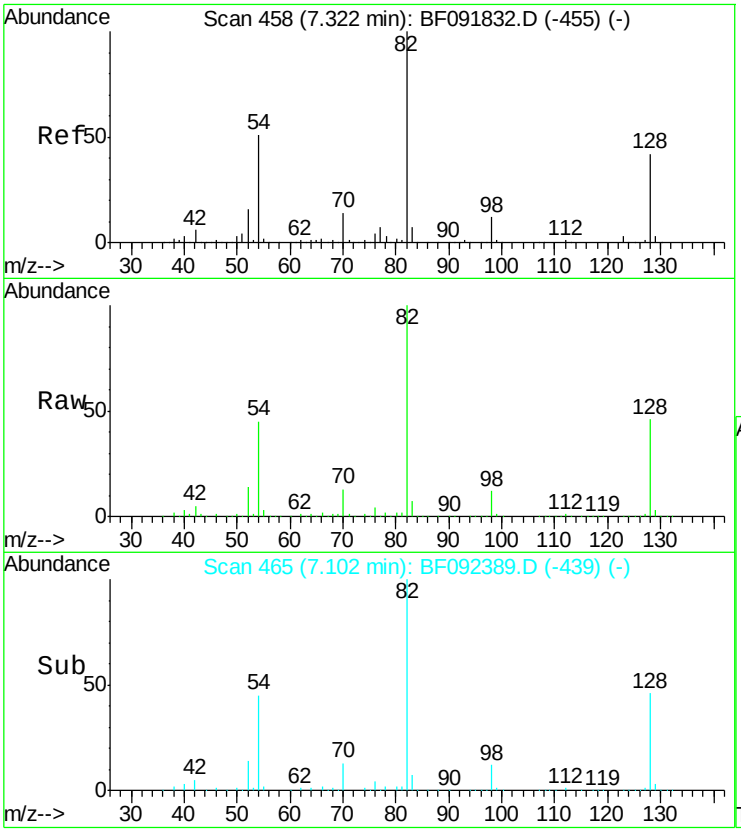


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:136 Resp: 702905

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.1	4.5	6.7#
68	6.6	3.6	5.4#



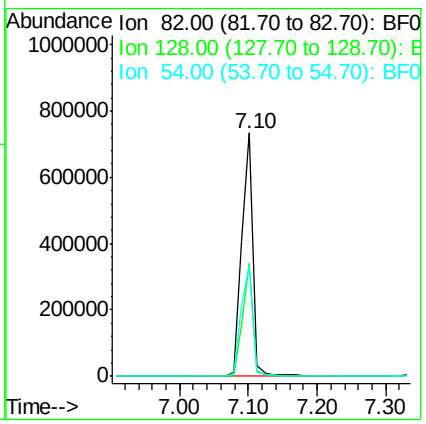


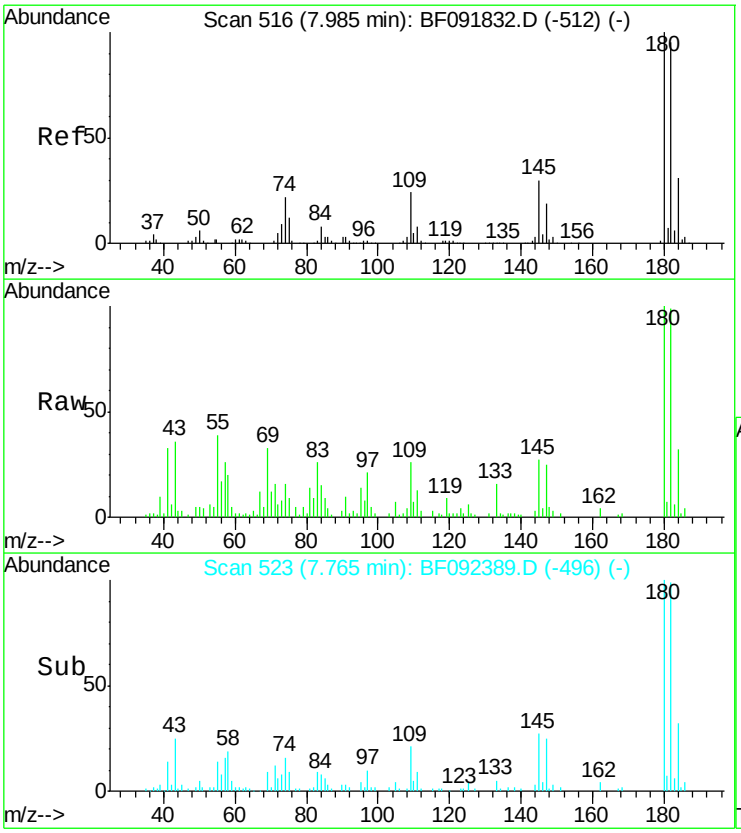
#23
Nitrobenzene-d5
Concen: 65.92 ng
RT: 7.10 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion: 82 Resp: 833260

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.6	52.0
54	45.2	39.5	59.3

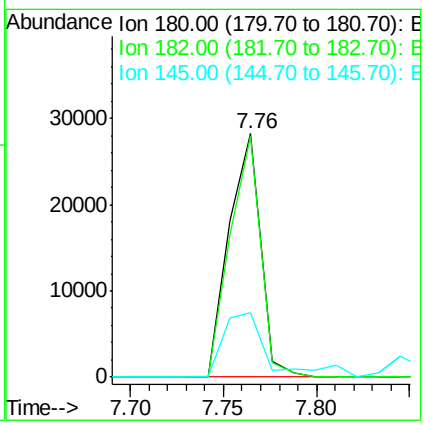


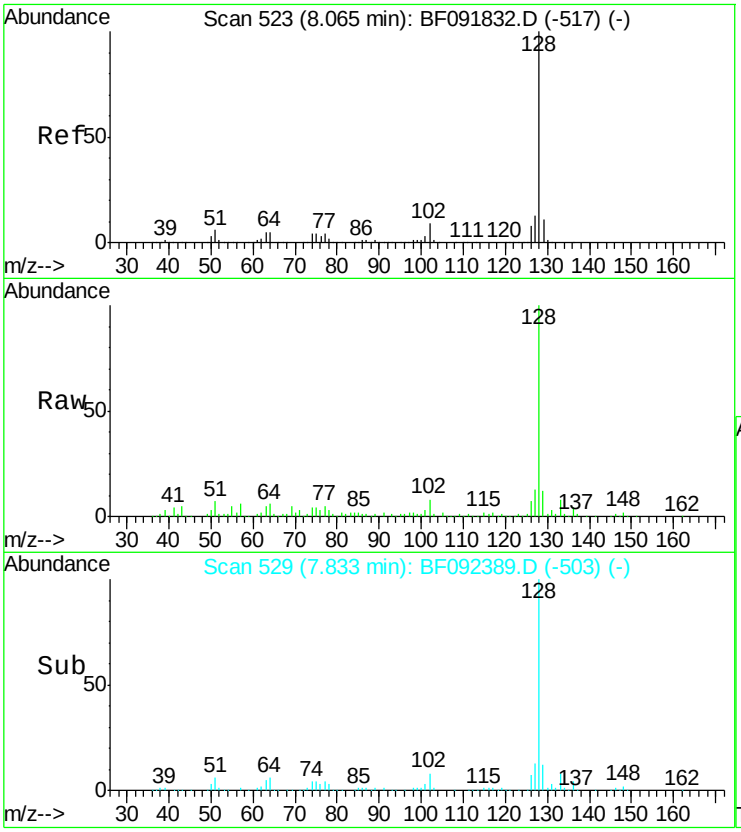


#30
1,2,4-Trichlorobenzene
Concen: 3.27 ng
RT: 7.76 min Scan# 523
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:180 Resp: 33426

Ion	Ratio	Lower	Upper
180	100		
182	99.2	78.2	117.4
145	26.5	21.6	32.4



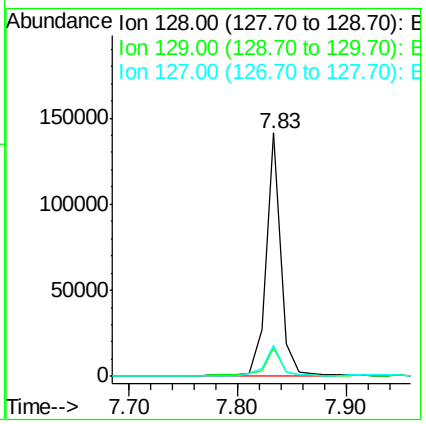


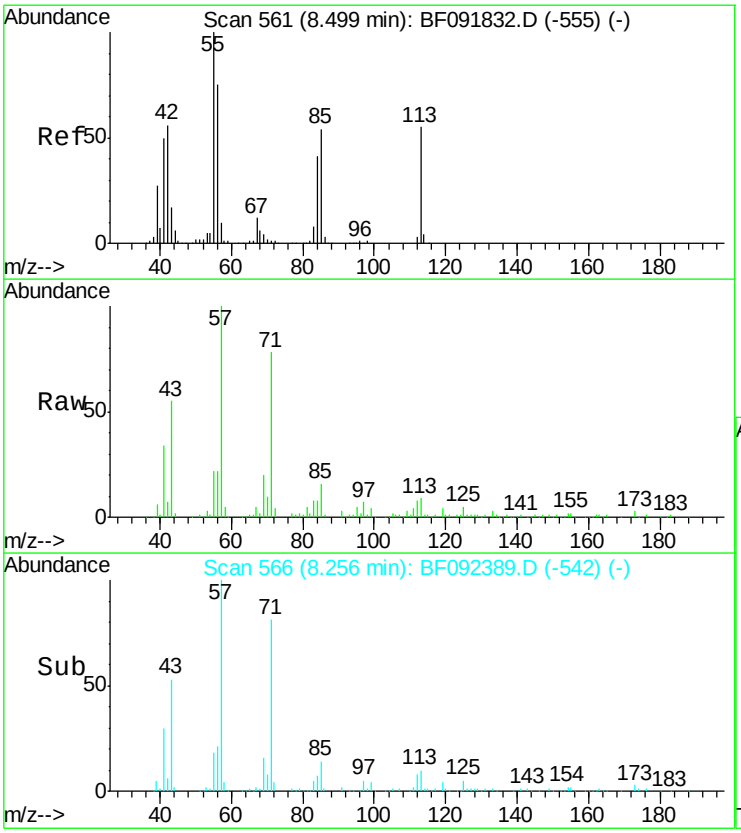
#31
Naphthalene
Concen: 4.21 ng
RT: 7.83 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:128 Resp: 135360

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.0	10.8	16.2

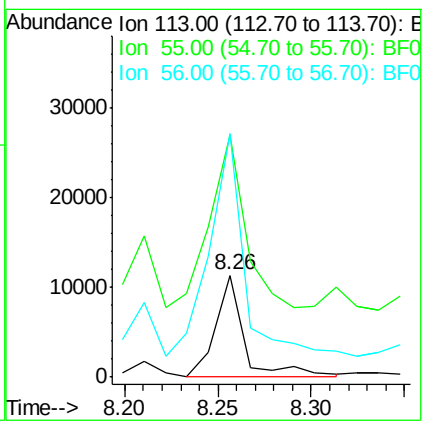


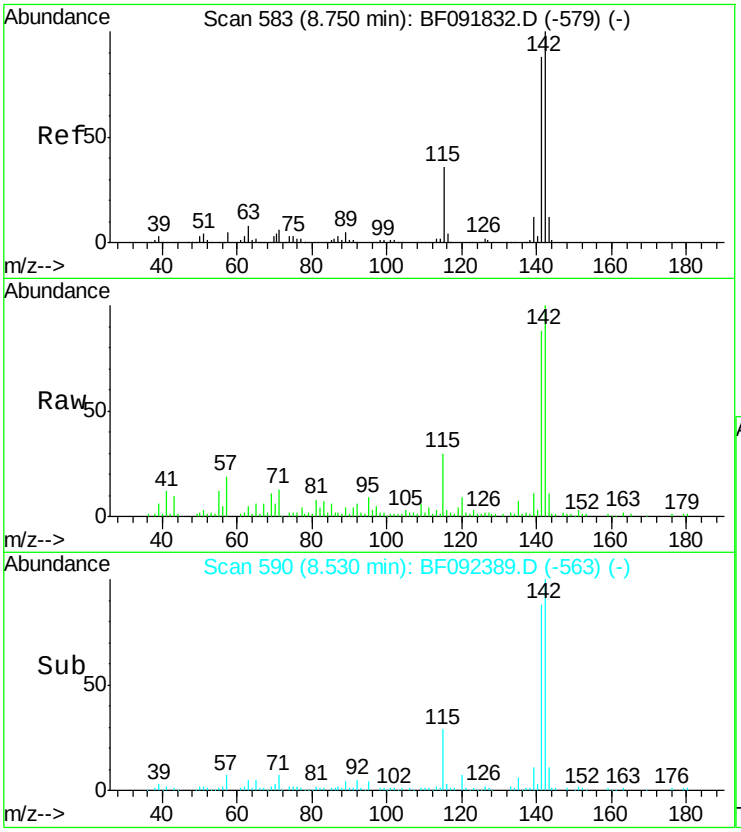


#35
Caprolactam
Concen: 4.04 ng
RT: 8.26 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:113 Resp: 12376

Ion	Ratio	Lower	Upper
113	100		
55	238.0	119.2	159.2#
56	239.7	83.8	123.8#



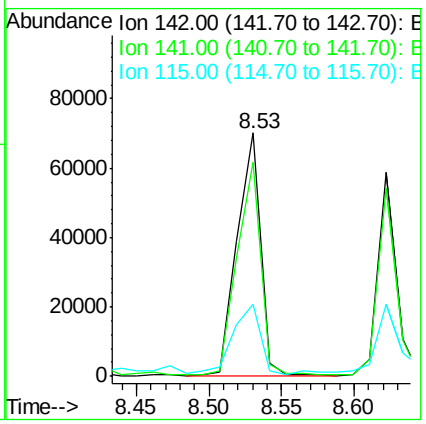


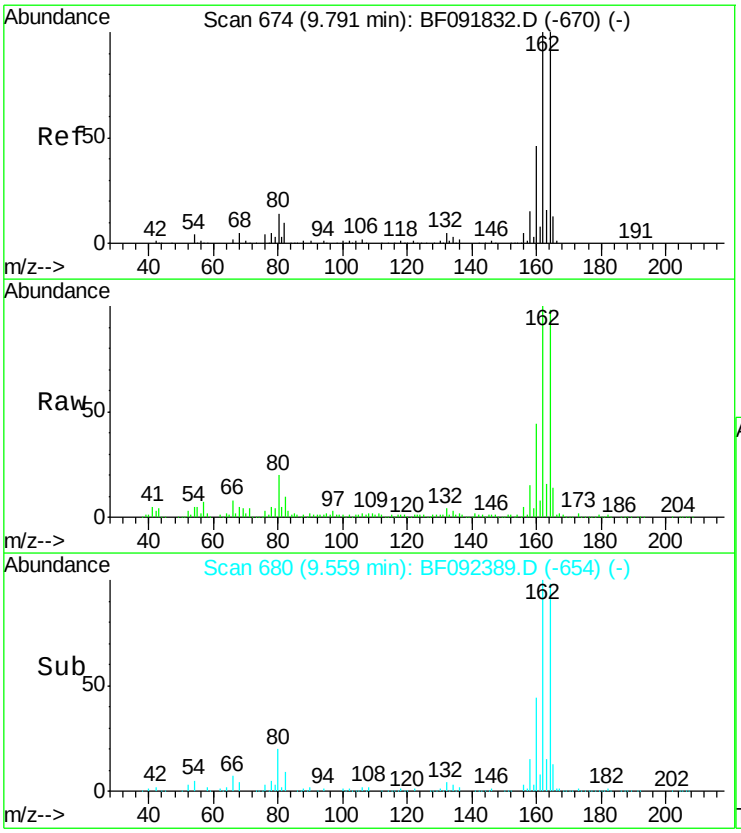
#37
2-Methylnaphthalene
Concen: 2.72 ng
RT: 8.53 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:142 Resp: 79615

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	29.8	28.3	42.5

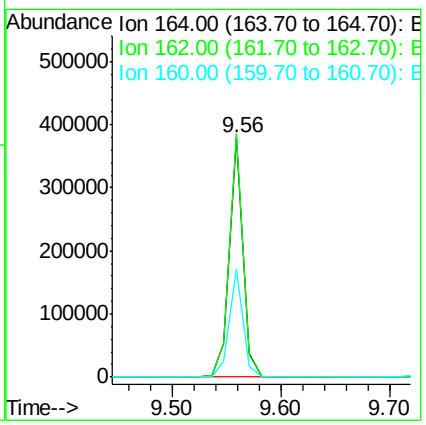


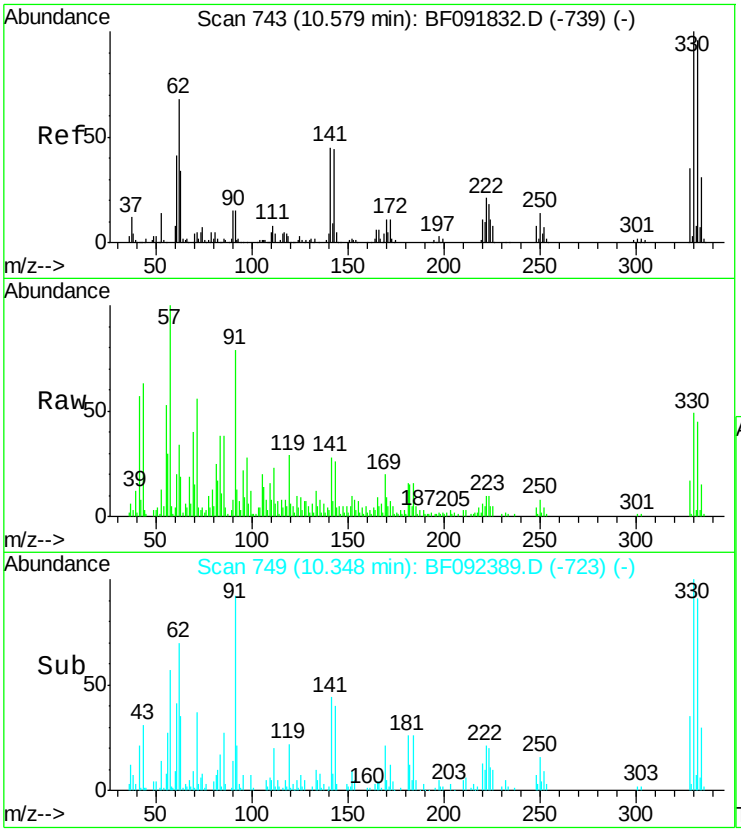


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:164 Resp: 324300

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	45.1	36.9	55.3



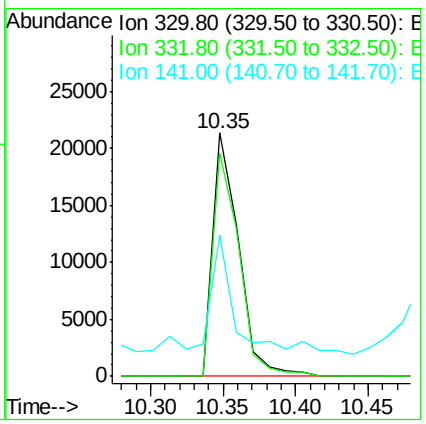


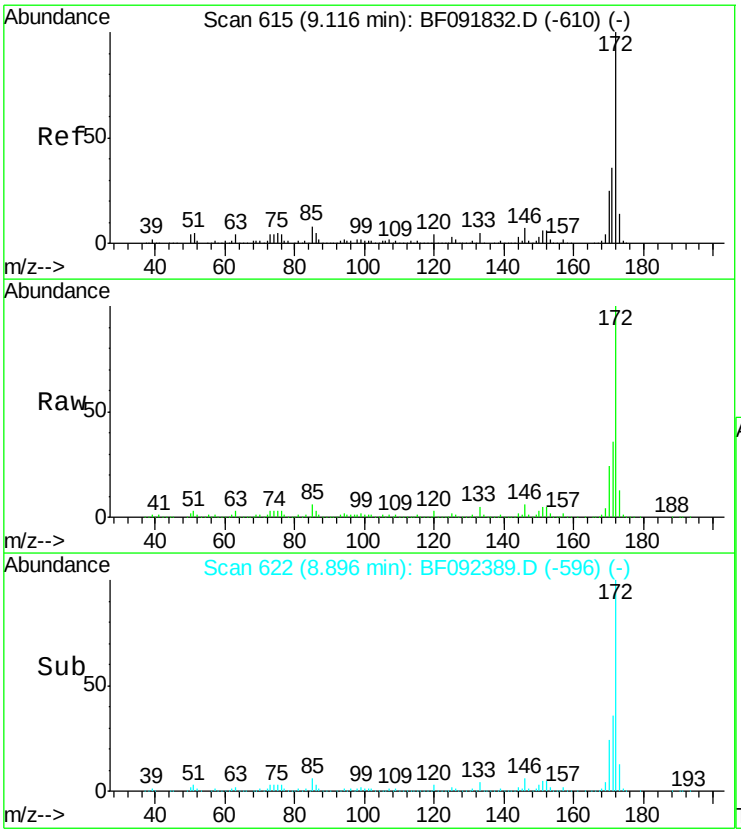
#41
2,4,6-Tribromophenol
Concen: 9.81 ng
RT: 10.35 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:330 Resp: 26329

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.4	116.2
141	52.1	34.1	51.1#

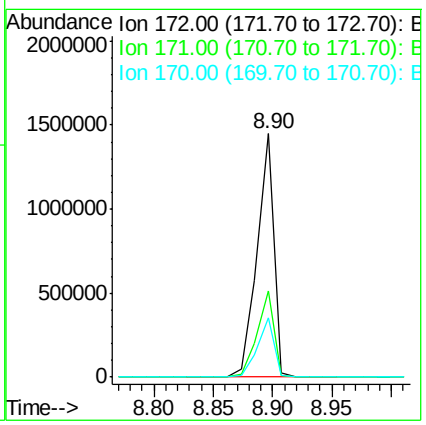


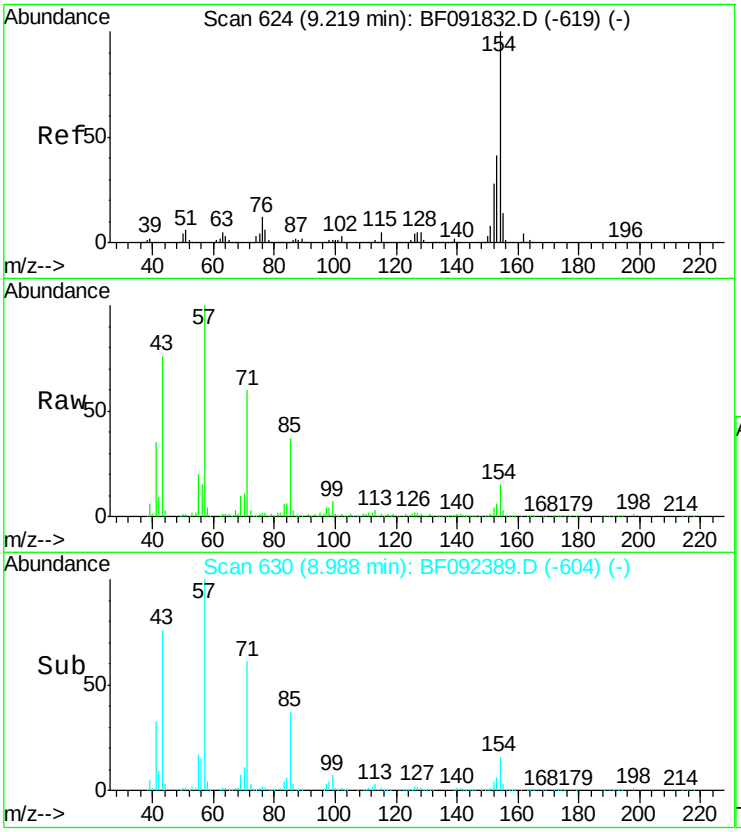


#44
2-Fluorobiphenyl
Concen: 92.38 ng
RT: 8.90 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:172 Resp: 1444478

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.4	20.2	30.4



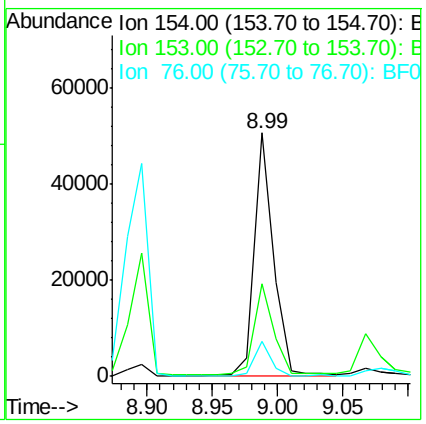


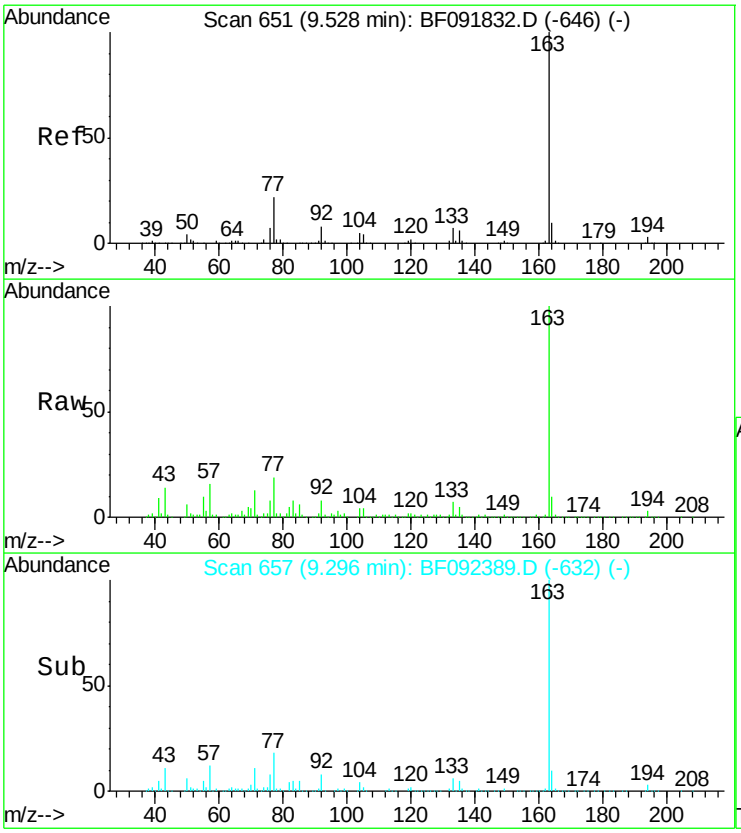
#45
1,1'-Biphenyl
Concen: 2.40 ng
RT: 8.99 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:154 Resp: 53199

Ion	Ratio	Lower	Upper
154	100		
153	38.2	20.9	60.9
76	14.6	0.0	30.5

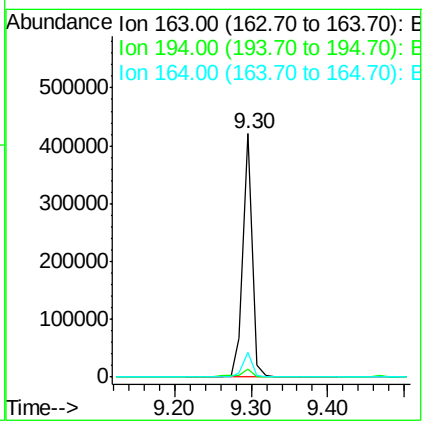


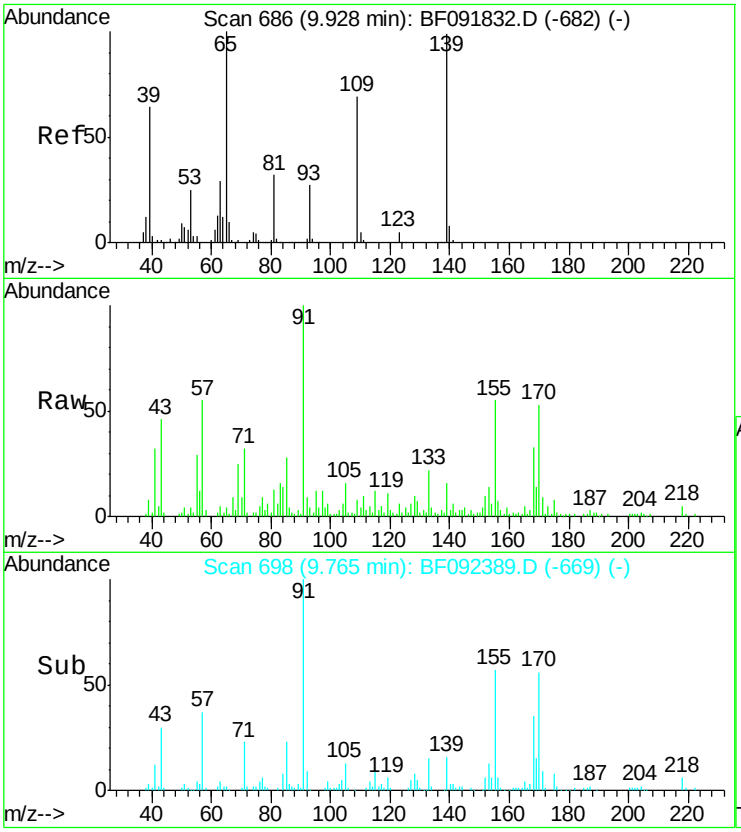


#49
Dimethylphthalate
Concen: 17.12 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:163 Resp: 355156

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.0	8.0	12.0



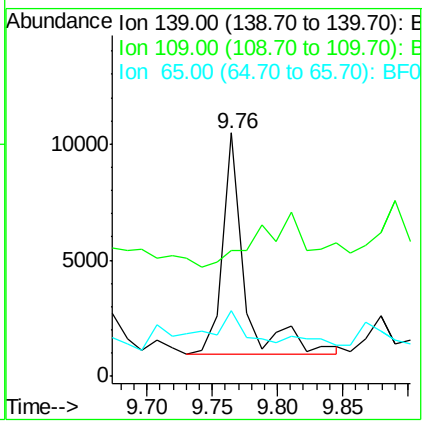


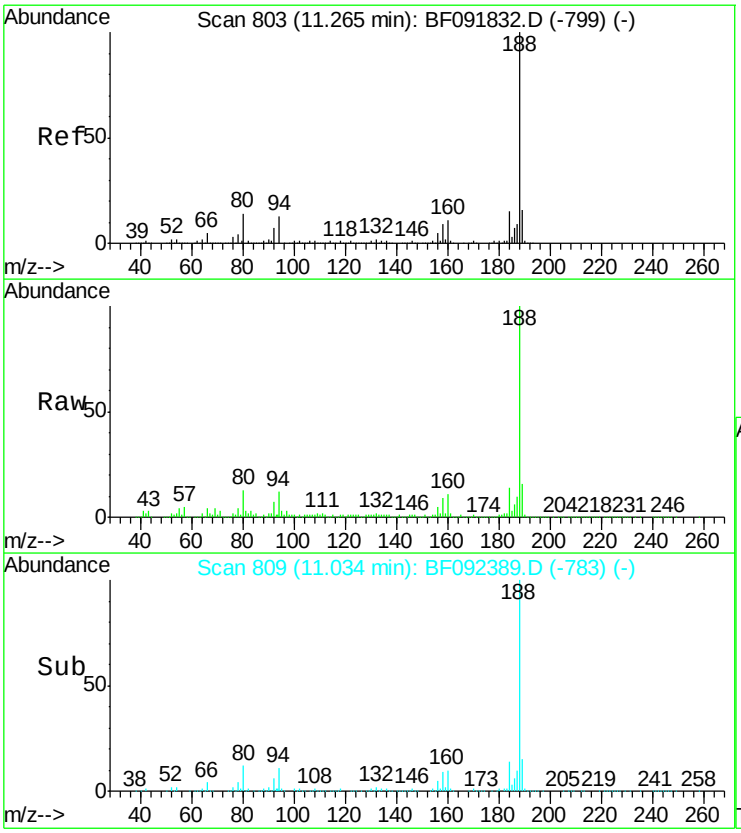
#55
4-Nitrophenol
Concen: 2.90 ng
RT: 9.76 min Scan# 698
Delta R.T. 0.03 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:139 Resp: 11068

Ion	Ratio	Lower	Upper
139	100		
109	51.5	52.2	92.2#
65	27.0	85.8	125.8#

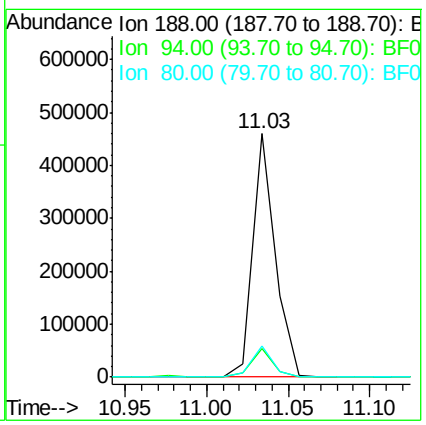


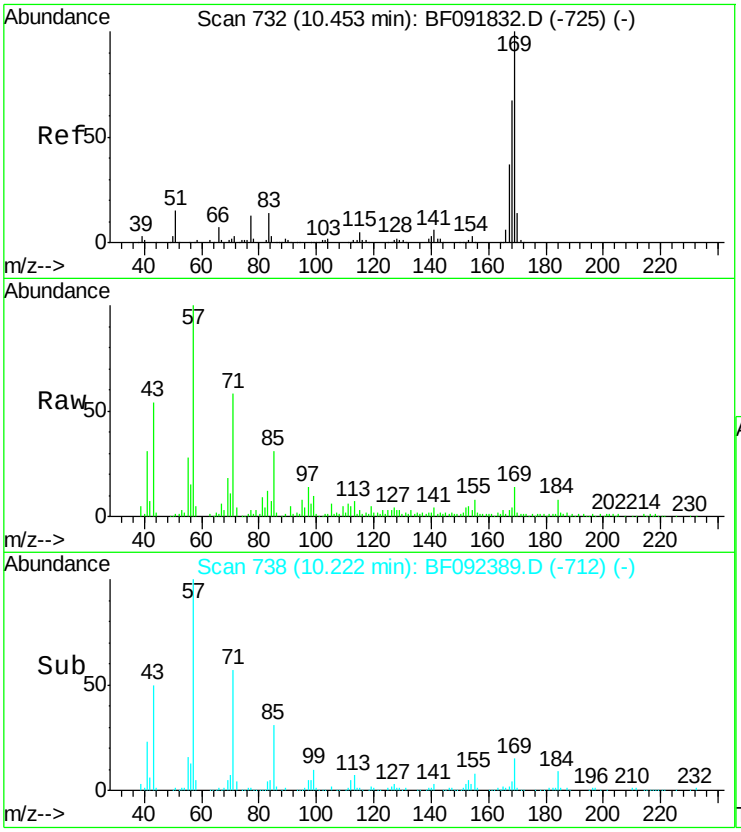


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:188 Resp: 439849

Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.0	15.0
80	12.7	11.2	16.8



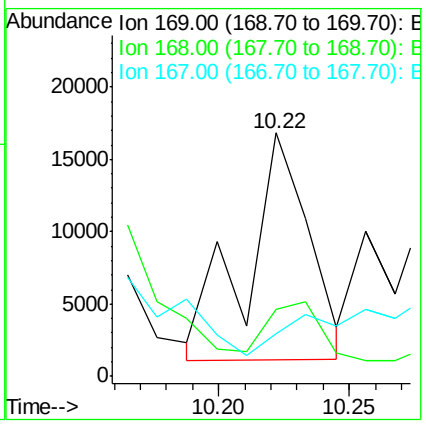


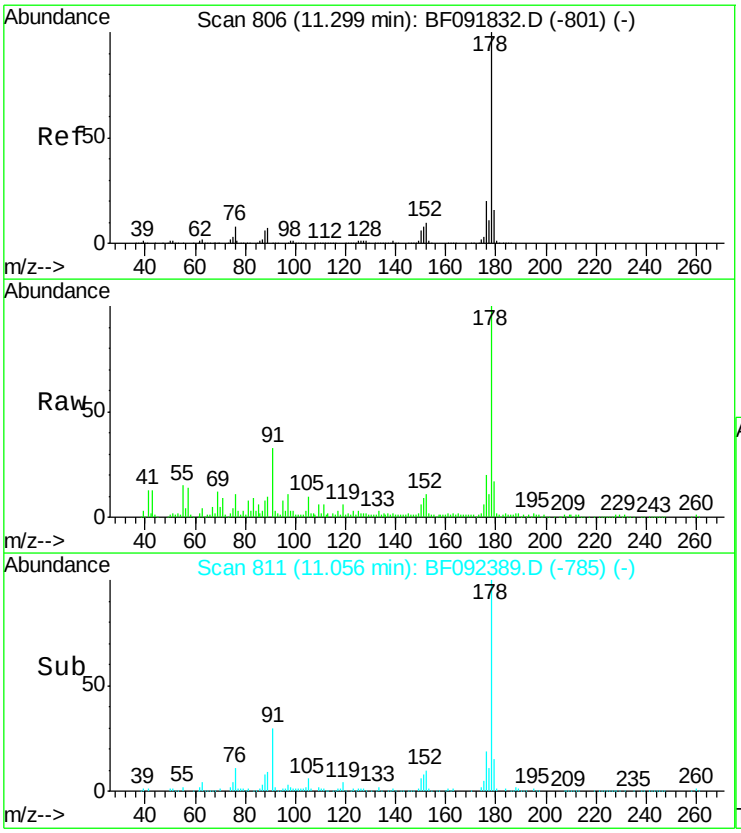
#65
n-Nitrosodiphenylamine
Concen: 2.01 ng
RT: 10.22 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:169 Resp: 26187

Ion	Ratio	Lower	Upper
169	100		
168	27.4	54.2	81.2#
167	17.8	30.2	45.4#

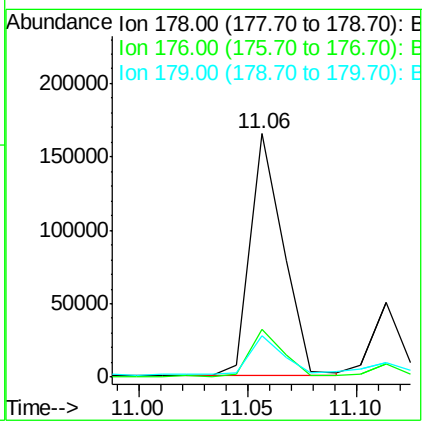


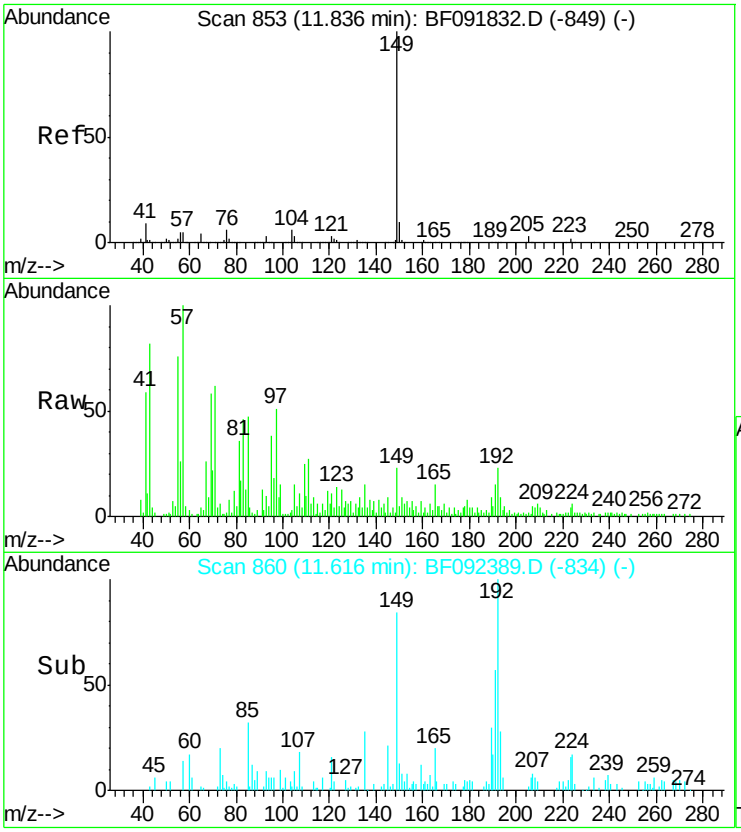


#70
Phenanthrene
Concen: 7.33 ng
RT: 11.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:178 Resp: 174801

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	16.8	12.8	19.2



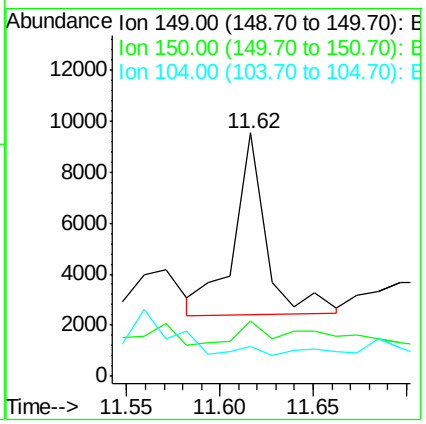


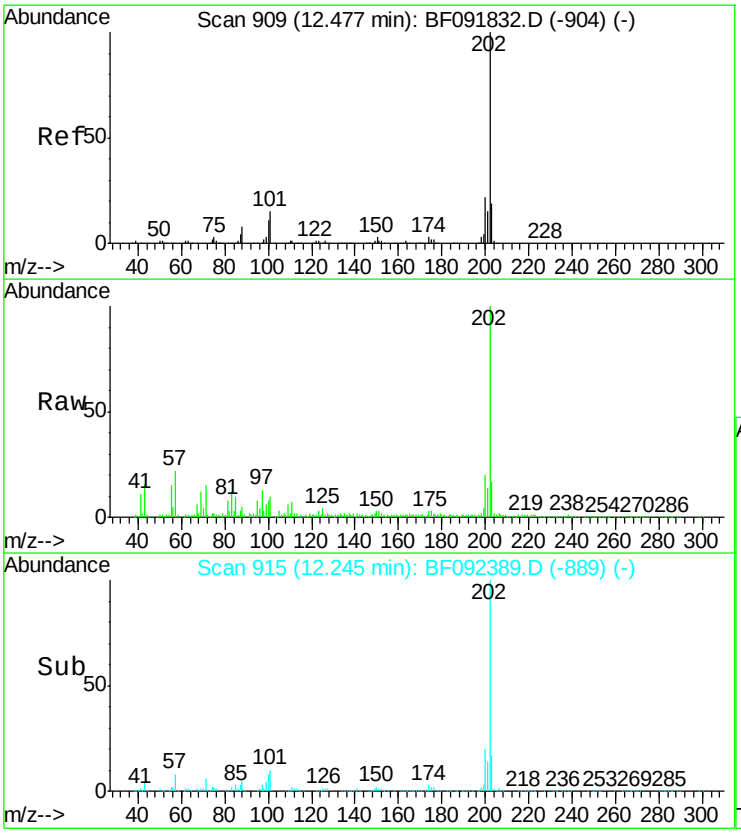
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.62 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:149 Resp: 8529

Ion	Ratio	Lower	Upper
149	100		
150	22.9	8.1	12.1#
104	12.4	4.6	7.0#

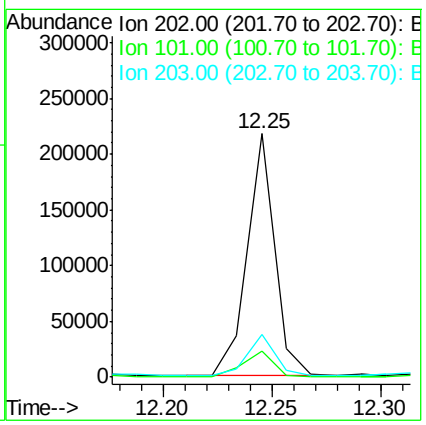


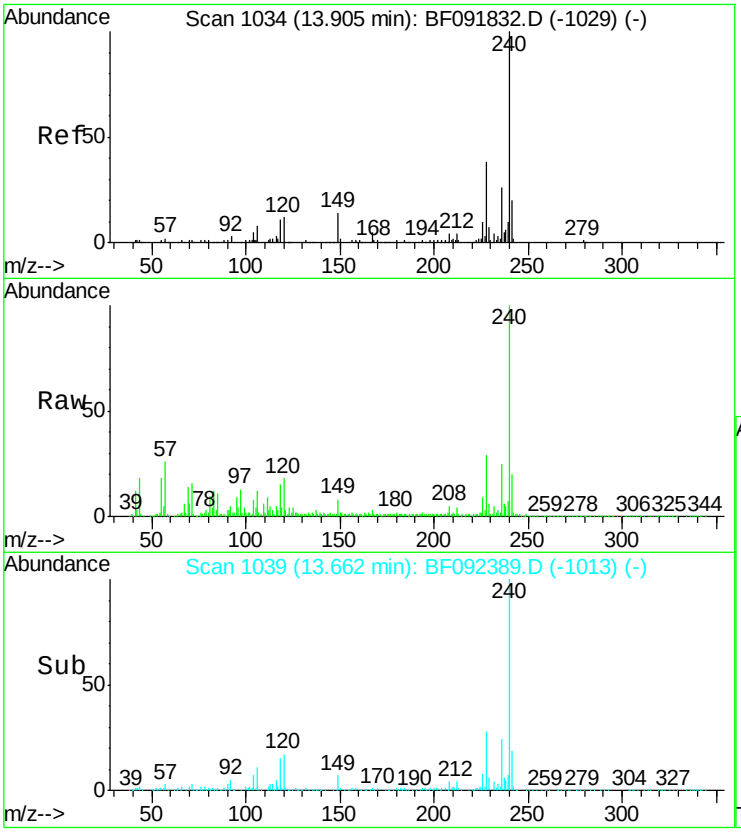


#74
Fluoranthene
Concen: 5.81 ng
RT: 12.25 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:202 Resp: 191179

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.6
203	17.5	0.0	38.7



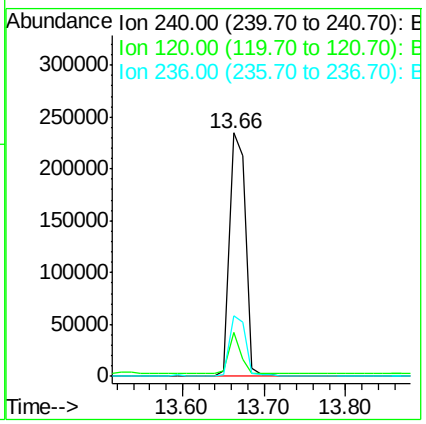


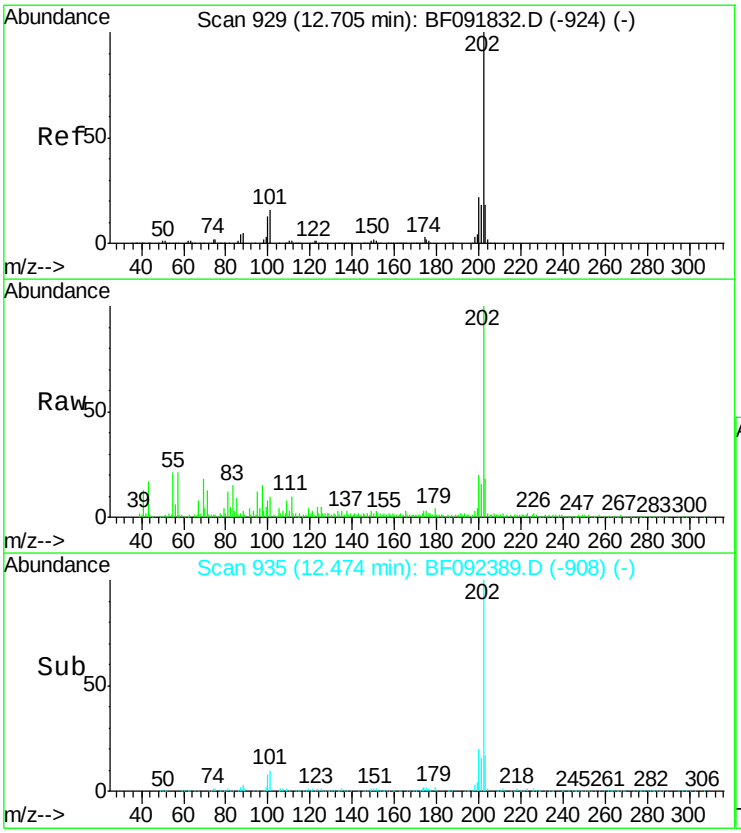
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:240 Resp: 318418

Ion	Ratio	Lower	Upper
240	100		
120	18.2	12.9	19.3
236	24.8	20.9	31.3

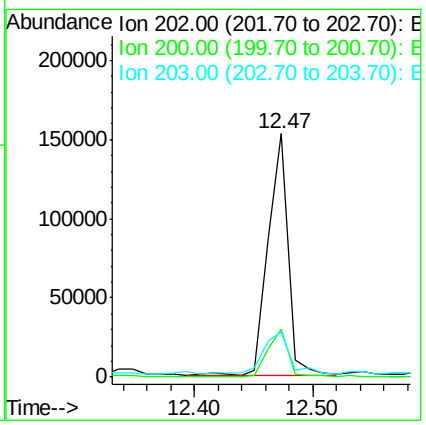


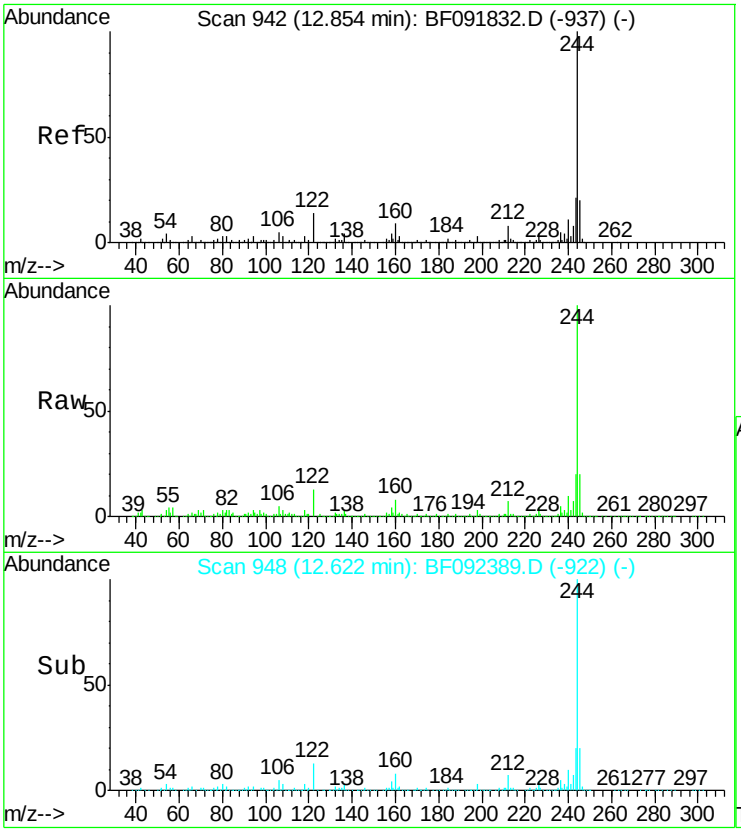


#77
Pyrene
Concen: 7.72 ng
RT: 12.47 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:202 Resp: 180392

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.7	26.5
203	18.4	14.7	22.1



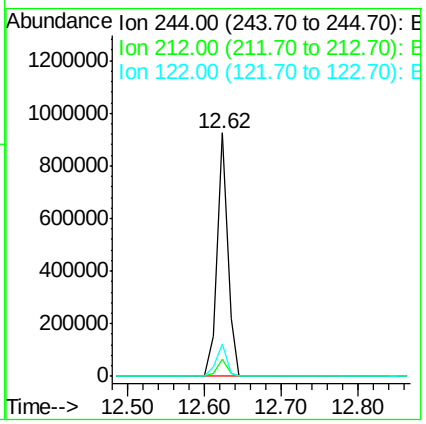


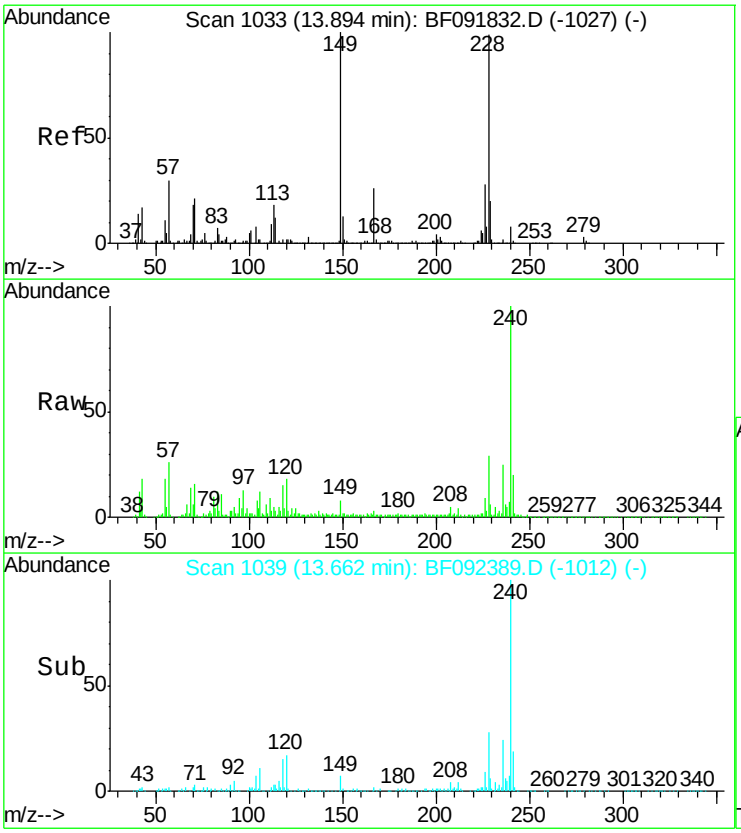
#78
Terphenyl-d14
Concen: 68.63 ng
RT: 12.62 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:244 Resp: 901017

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	13.3	11.4	17.2

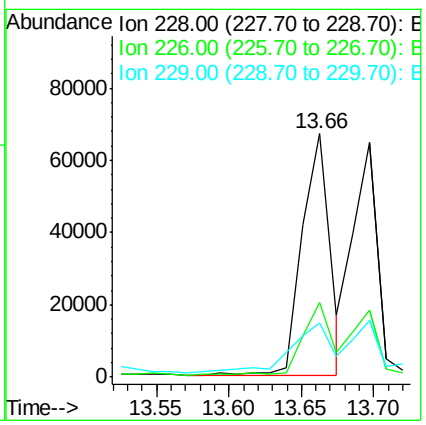


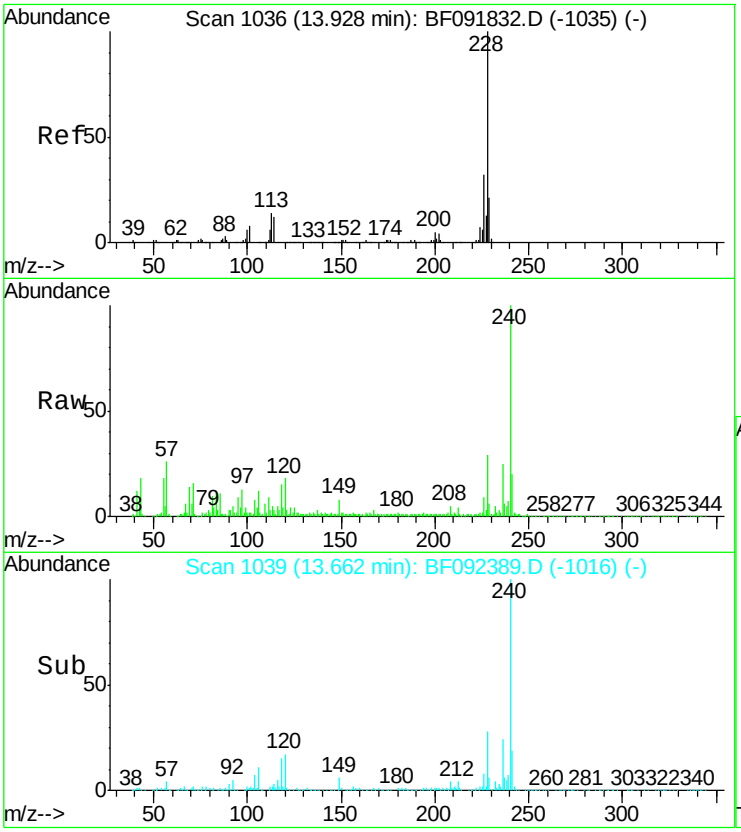


#80
Benzo(a)anthracene
Concen: 4.92 ng
RT: 13.66 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:228 Resp: 88445

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.4	33.6
229	22.3	16.2	24.4



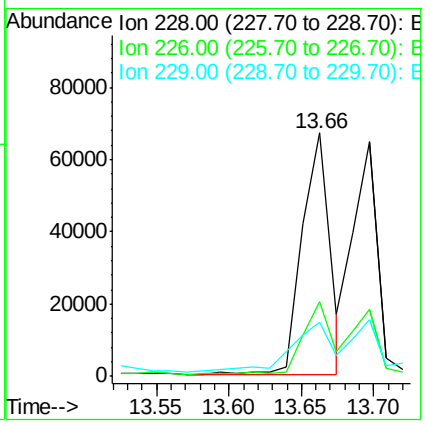


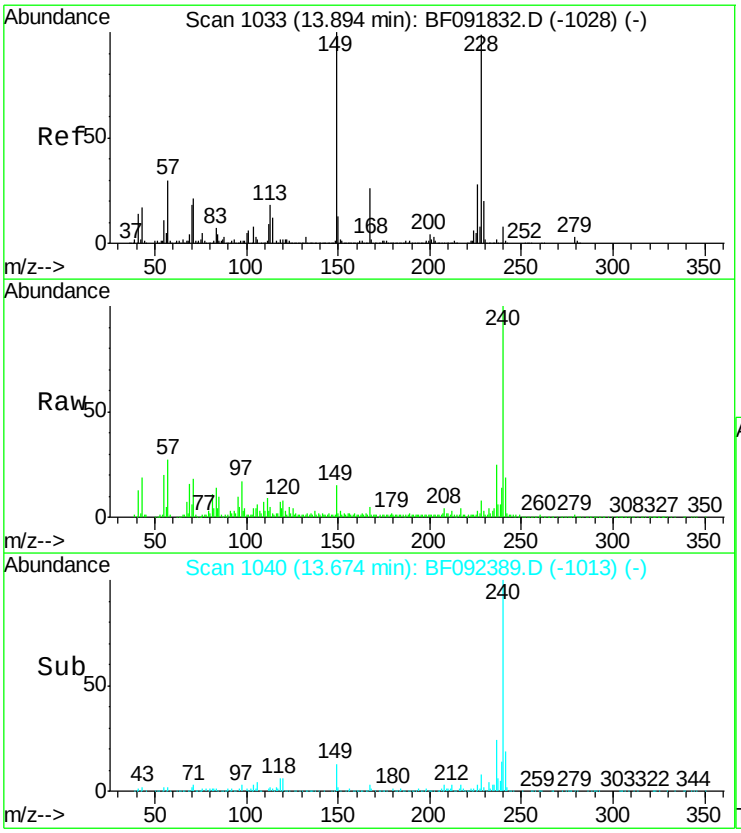
#82
Chrysene
Concen: 4.91 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:228 Resp: 88445

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	22.3	16.2	24.2

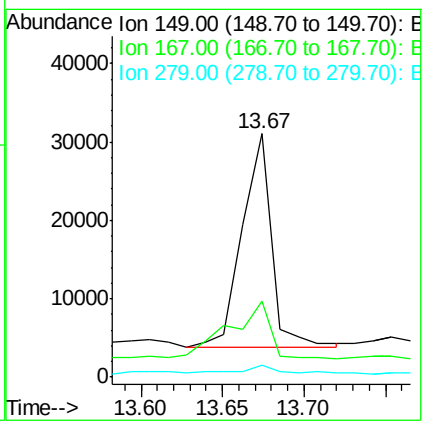


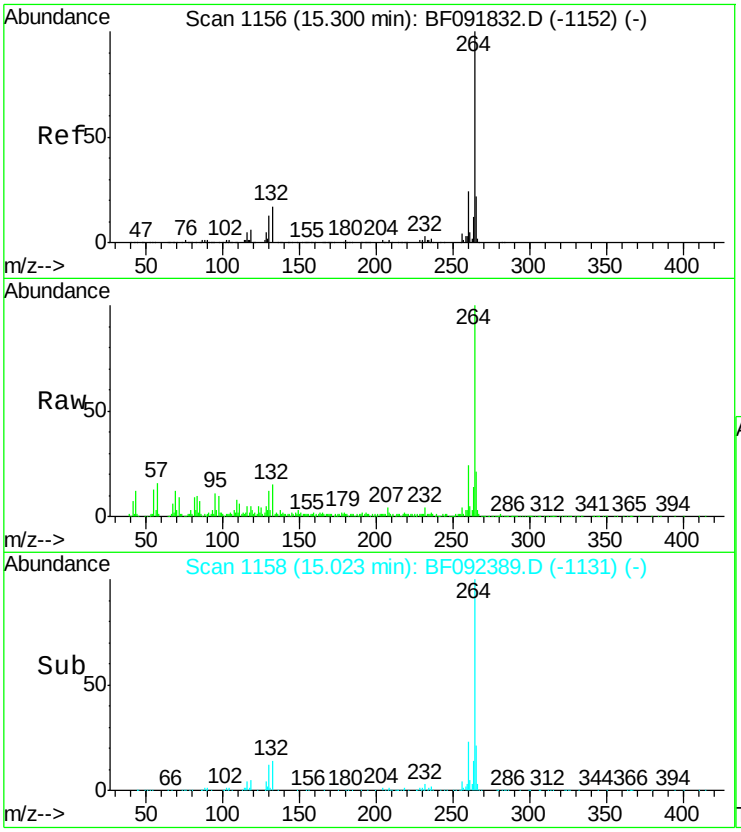


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.72 ng
RT: 13.67 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:149 Resp: 34002

Ion	Ratio	Lower	Upper
149	100		
167	31.1	20.2	30.4#
279	4.9	1.8	2.8#



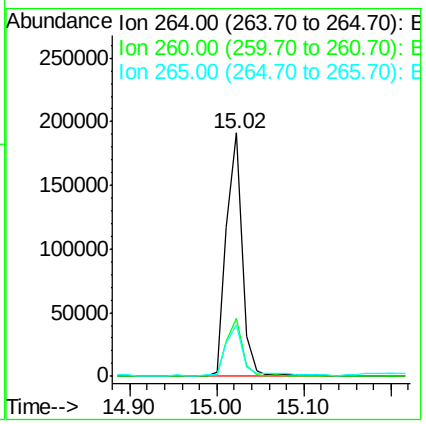


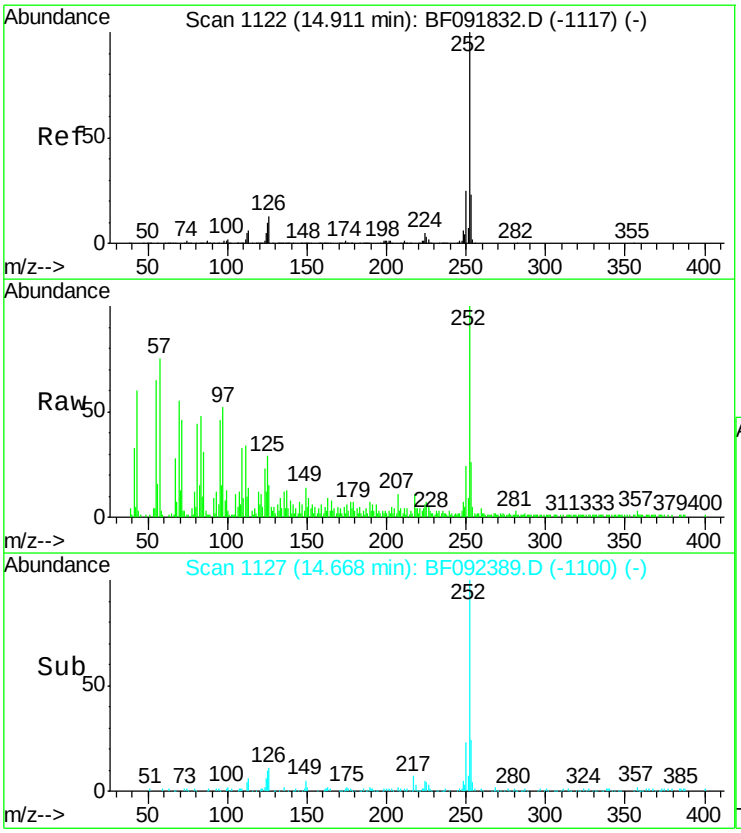
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:264 Resp: 240714

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.4	26.0

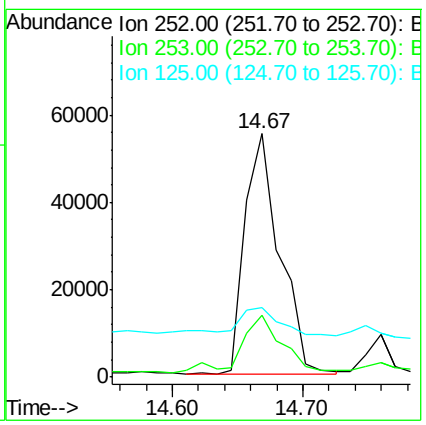


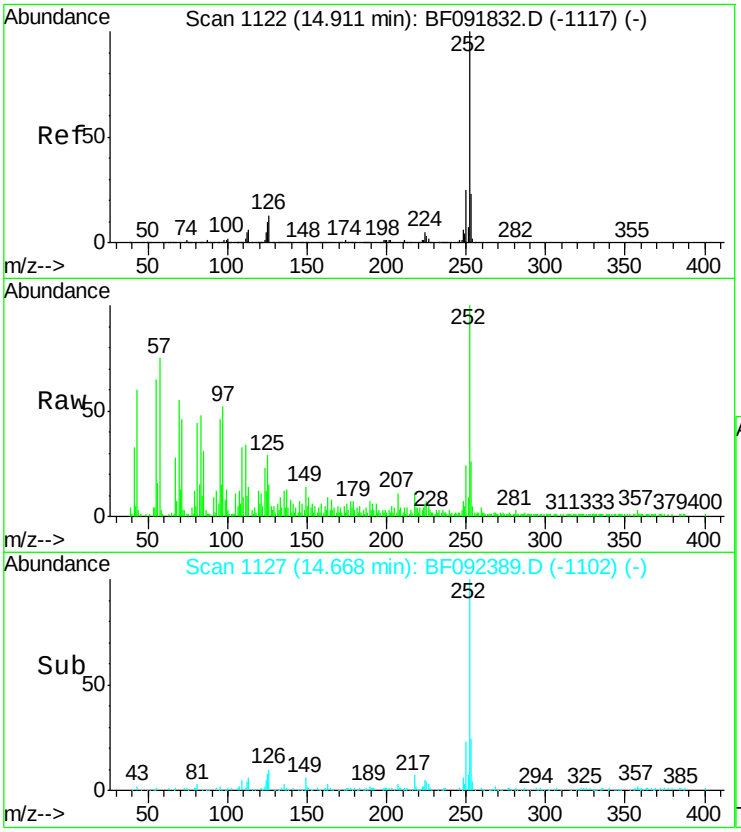


#87
Benzo(b)fluoranthene
Concen: 6.87 ng
RT: 14.67 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:252 Resp: 102910

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.4
125	28.5	9.8	14.6#



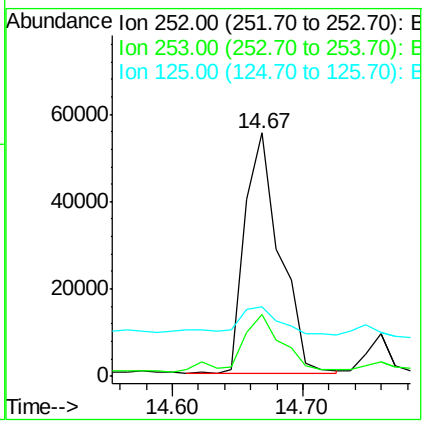


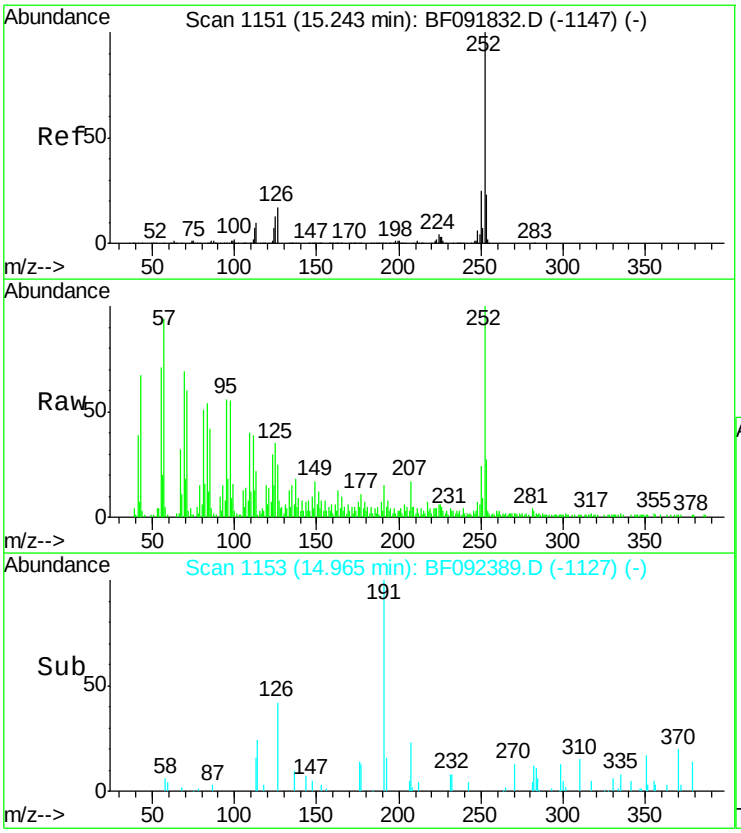
#88
Benzo(k)fluoranthene
Concen: 8.05 ng
RT: 14.67 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:252 Resp: 102910

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.5	27.7
125	28.5	8.9	13.3#

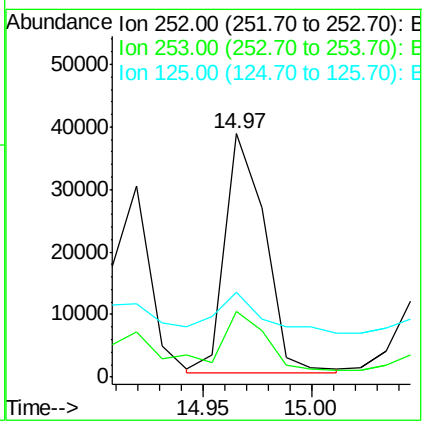


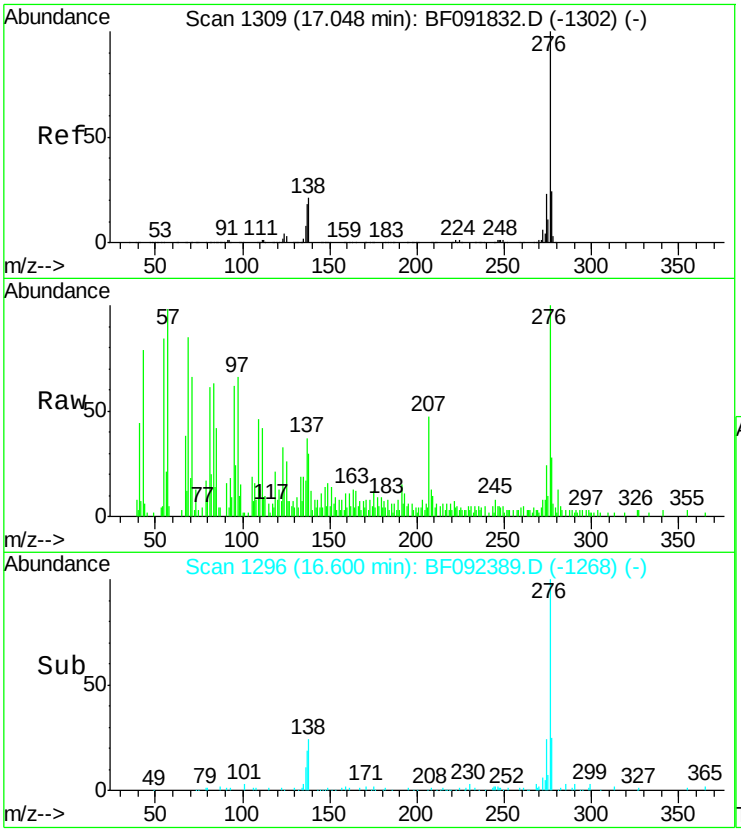


#89
Benzo(a)pyrene
Concen: 3.68 ng
RT: 14.97 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion:252 Resp: 49013

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.2
125	34.9	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 2.44 ng
RT: 16.60 min Scan# 1296
Delta R.T. 0.02 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:276 Resp: 27773

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.2	28.8
138	30.2	16.0	24.0#