Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096531.D
Acq On : 6 Jul 2017 14:20
Operator : SJ/MA
Sample : I4053-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-070317-D

Quant Time: Jul 06 18:25:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119486	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	477364	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	190611	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	279119	20.00	ng		0.00
75) Chrysene-d12	13.87	240	222723	20.00	ng		0.00
86) Perylene-d12	15.29	264	187631	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	729838	90.15	ng		0.00
7) Phenol-d6	6.36	99	878768	88.30	ng		0.00
23) Nitrobenzene-d5	7.27	82	498829	62.79	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	129848	87.21	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	865650	77.65	ng		0.00
78) Terphenyl-d14	12.82	244	529201	50.77	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	29453	2.598	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	67029	11.305	ng	#	88
25) Isophorone	7.27	82	492482	31.974	ng	#	67
31) Naphthalene	8.02	128	67448	2.993	ng		98
37) 2-Methylnaphthalene	8.71	142	57761	4.026	ng		98
48) Acenaphthylene	9.61	152	82389	4.272	ng		98
49) Dimethylphthalate	9.47	163	218082	15.326	ng		98
51) Acenaphthene	9.78	154	49508	4.165	ng		96
54) Dibenzofuran	9.95	168	44221	2.817	ng	#	95
57) Fluorene	10.29	166	104118	9.393	ng		97
66) 4-Bromophenyl-phenylether	10.53	248	8243	3.034	ng	#	1
70) Phenanthrene	11.26	178	439660	29.139	ng		98
71) Anthracene	11.30	178	137780	8.961	ng		98
74) Fluoranthene	12.44	202	370398	25.038	ng		99
77) Pyrene	12.67	202	422981	23.660	ng		100
80) Benzo(a)anthracene	13.89	228	195273	15.140	ng		94
82) Chrysene	13.89	228	195273	14.458	ng		97
85) Indeno(1,2,3-cd)pyrene	16.65	276	140885	13.215	ng		94
87) Benzo(b)fluoranthene	14.89	252	368342	31.330	ng	#	97
88) Benzo(k)fluoranthene	14.89	252	368342	35.025	ng		99
89) Benzo(a)pyrene	15.23	252	230862	21.994	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	35291	4.274	ng	#	73
91) Benzo(g,h,i)perylene	17.06	276	132879	15.529	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096531.D
Acq On : 6 Jul 2017 14:20
Operator : SJ/MA
Sample : I4053-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Quant Time: Jul 06 18:25:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
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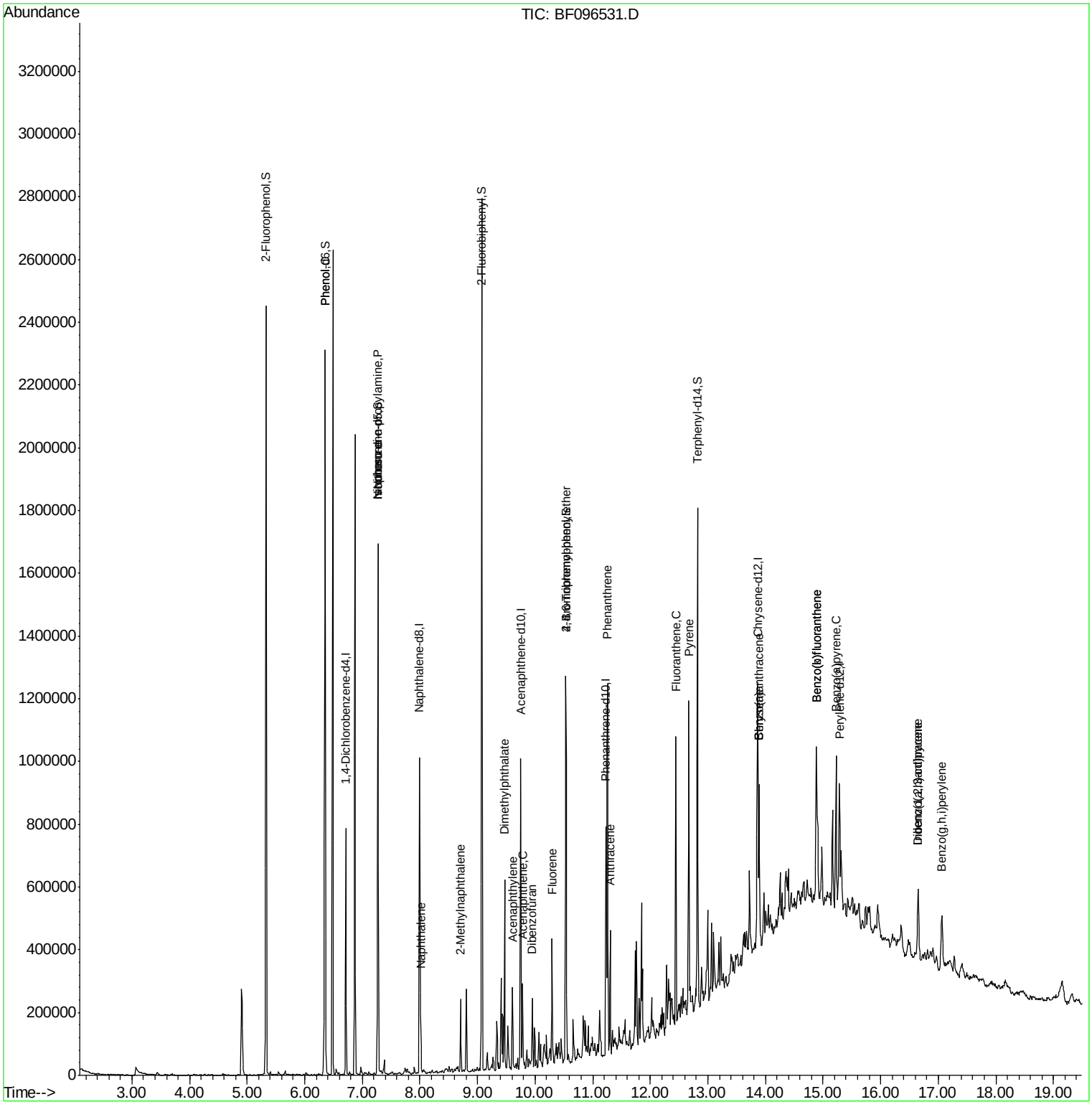
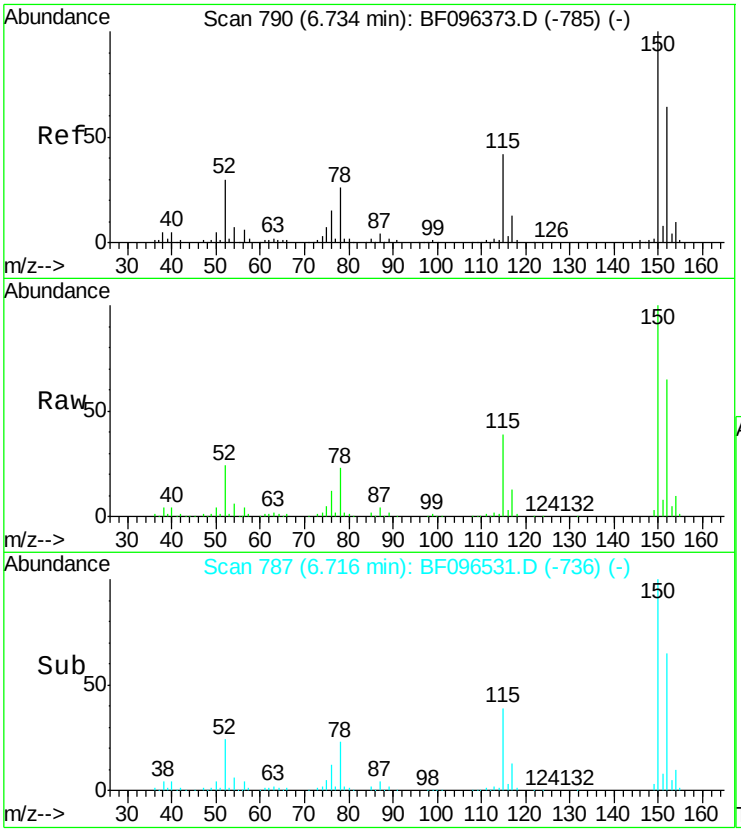


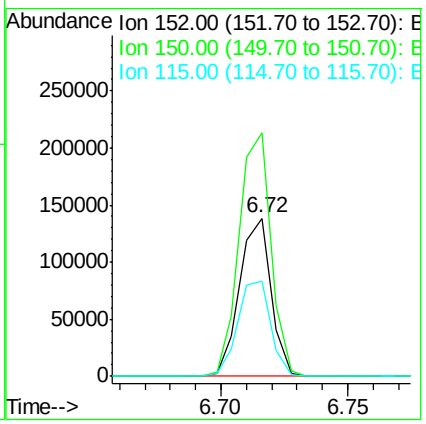


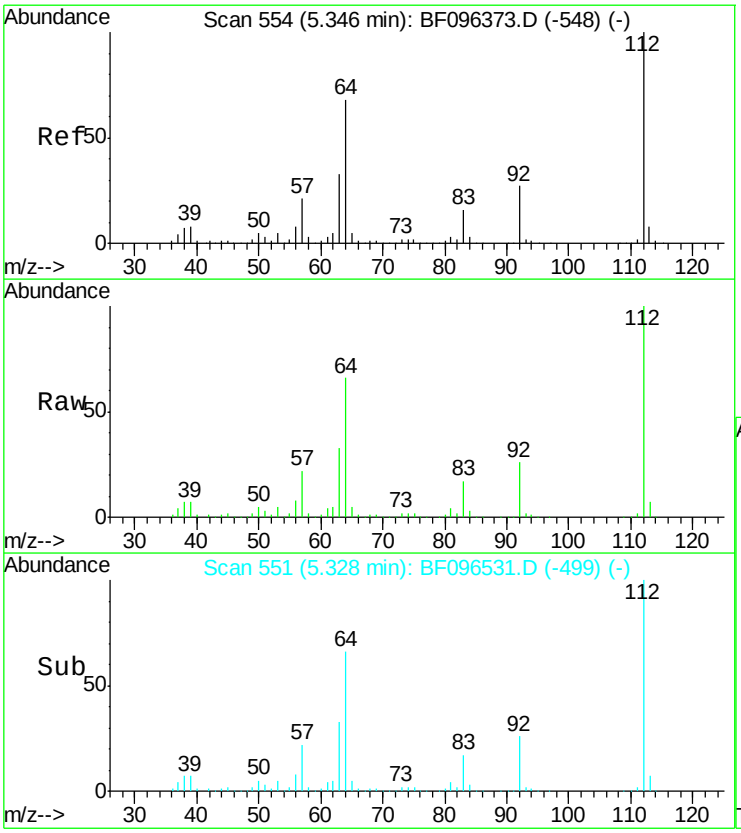
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:152 Resp: 119486

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	60.3	52.2	78.2

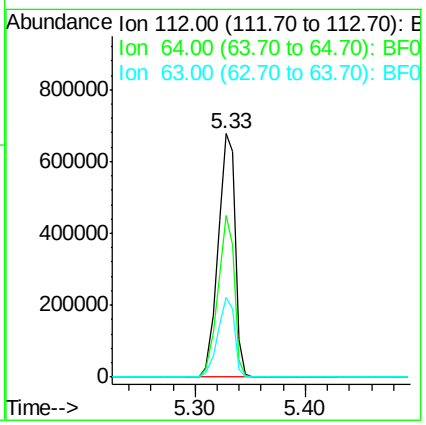


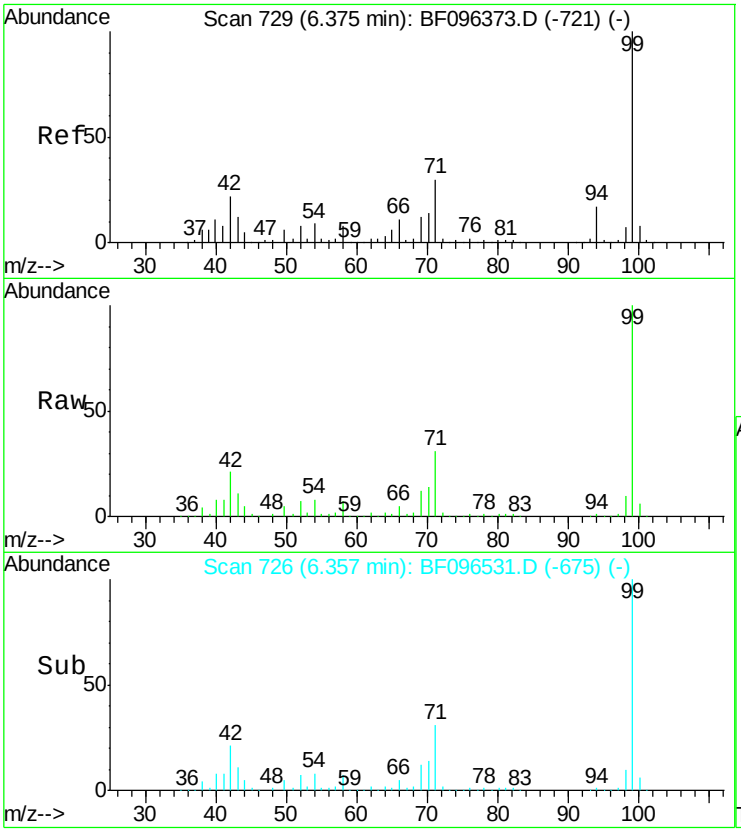


#5
2-Fluorophenol
Concen: 90.154 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:112 Resp: 729838

Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	32.7	23.4	35.0



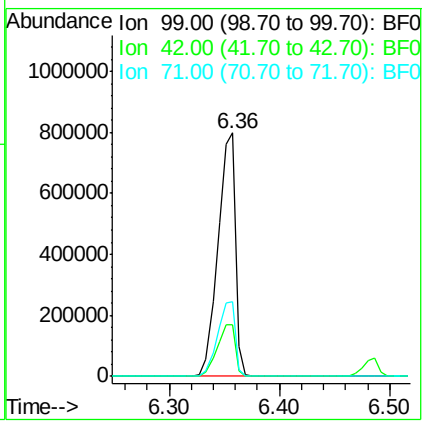


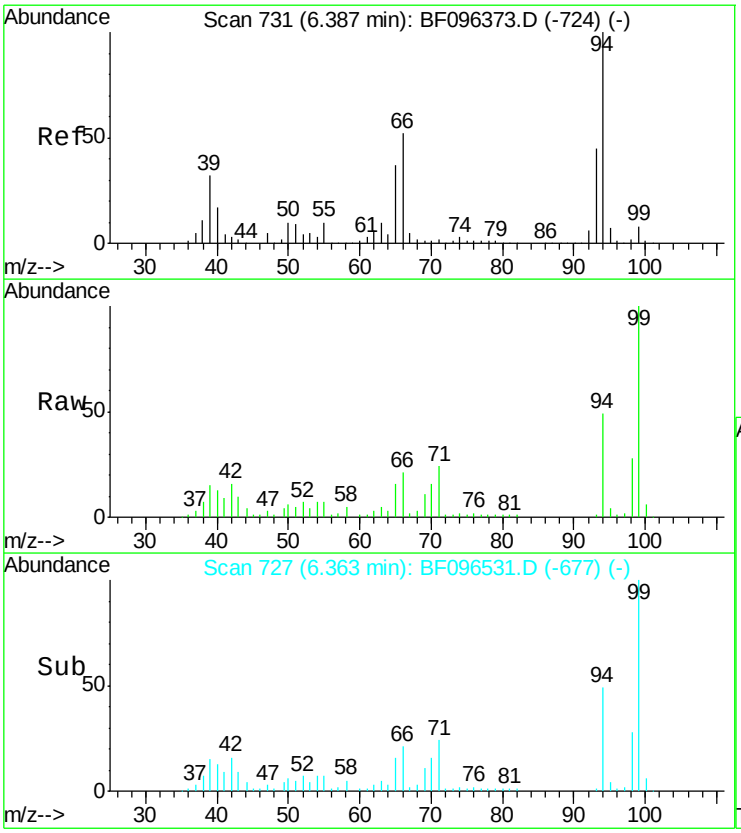
#7
Phenol-d6
Concen: 88.298 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion: 99 Resp: 878768

Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.5	20.3#
71	30.8	24.5	36.7

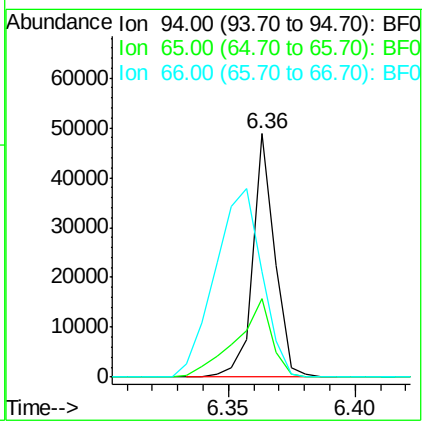


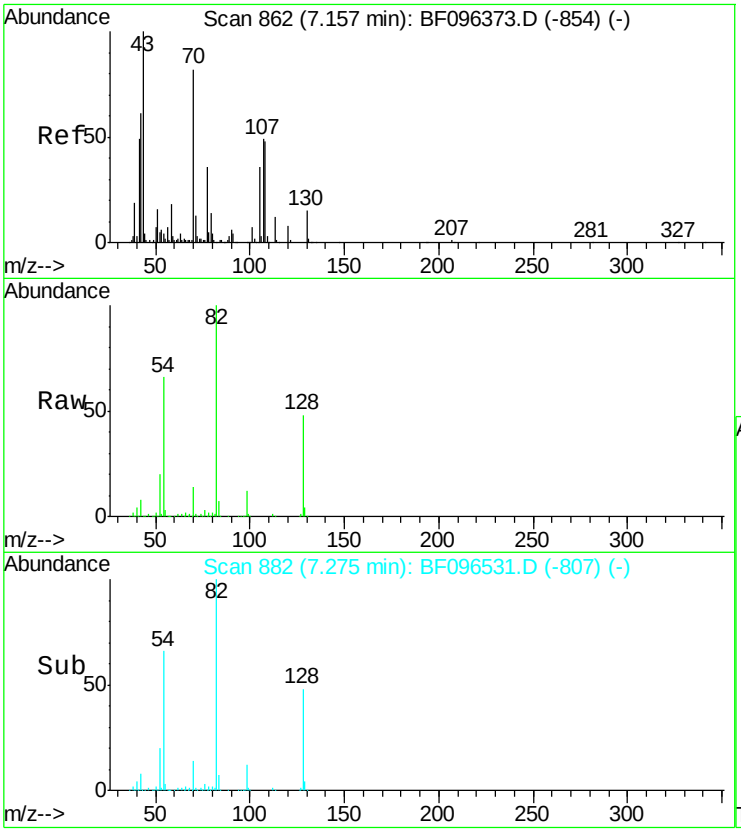


#10
Phenol
Concen: 2.598 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion: 94 Resp: 29453

Ion	Ratio	Lower	Upper
94	100		
65	32.4	9.9	49.9
66	43.5	23.1	63.1



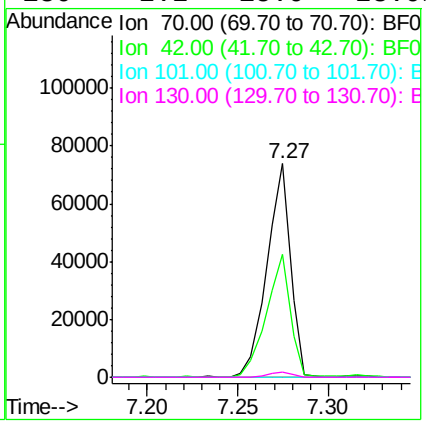


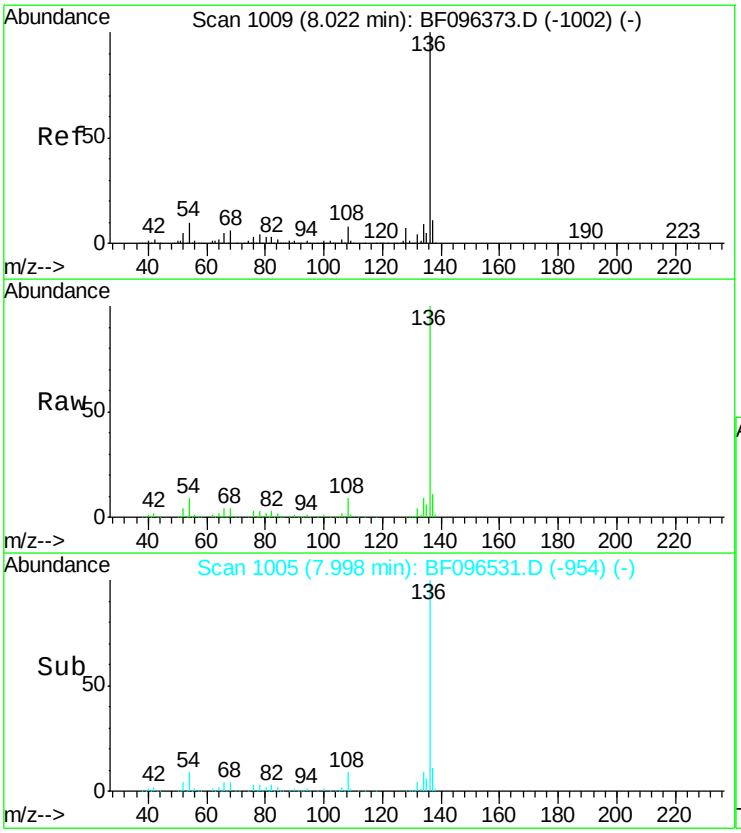
#19
n-Nitroso-di-n-propylamine
Concen: 11.305 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion: 70 Resp: 67029

Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

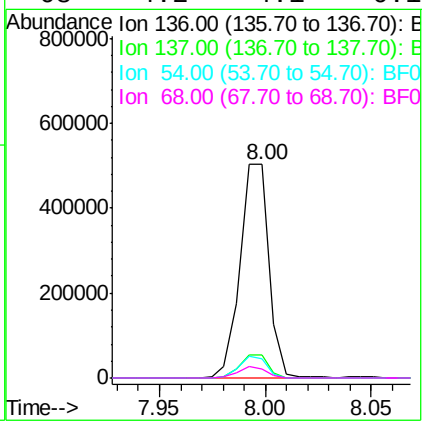


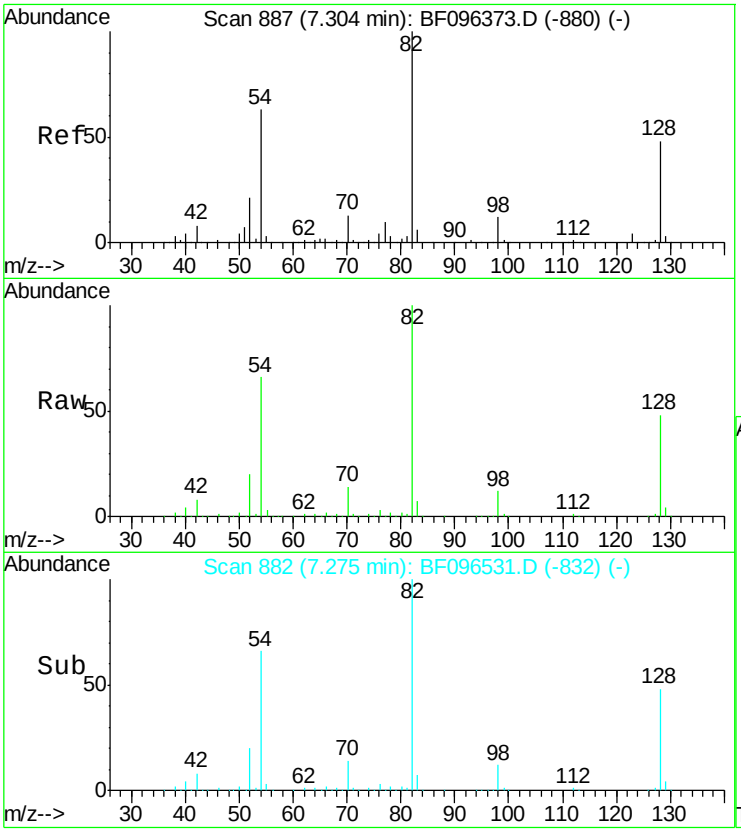


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:136 Resp: 477364

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.9	4.9	7.3#
68	4.2	4.1	6.1



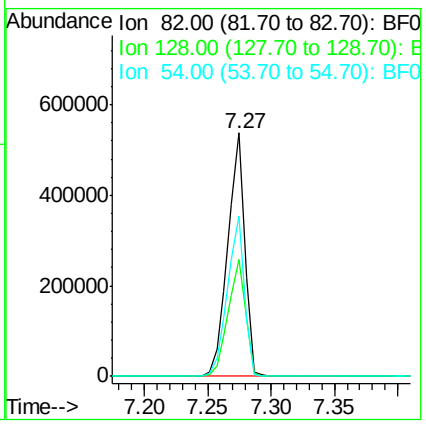


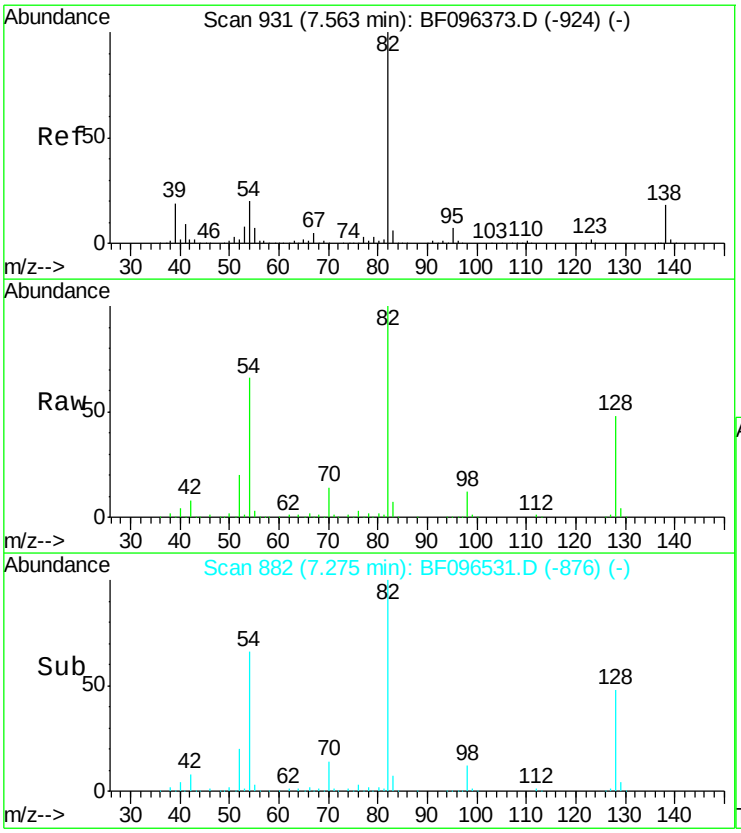
#23
Nitrobenzene-d5
Concen: 62.793 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion: 82 Resp: 498829

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	65.8	42.2	63.2#

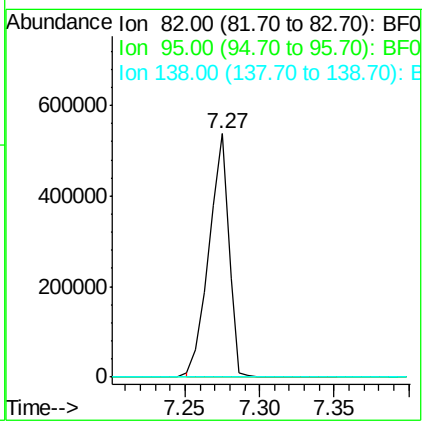


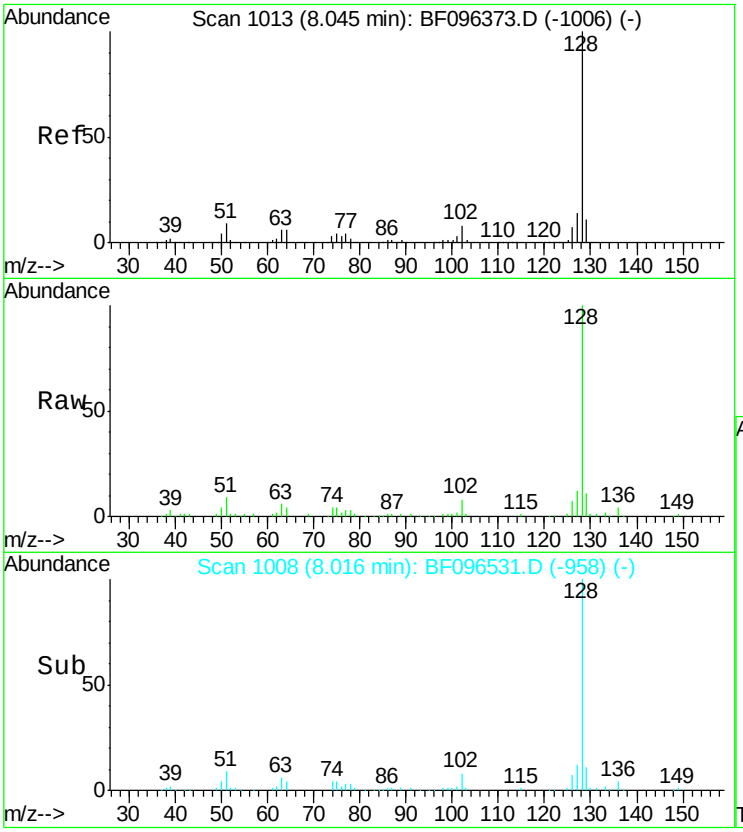


#25
Isophorone
Concen: 31.974 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion: 82 Resp: 492482

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



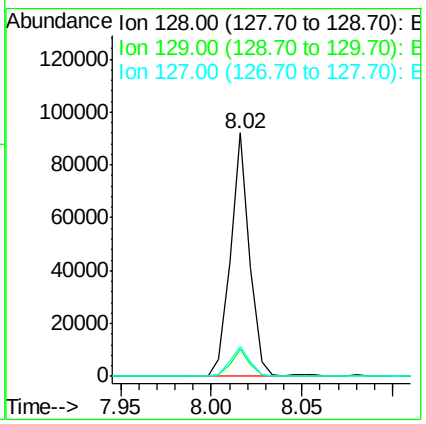


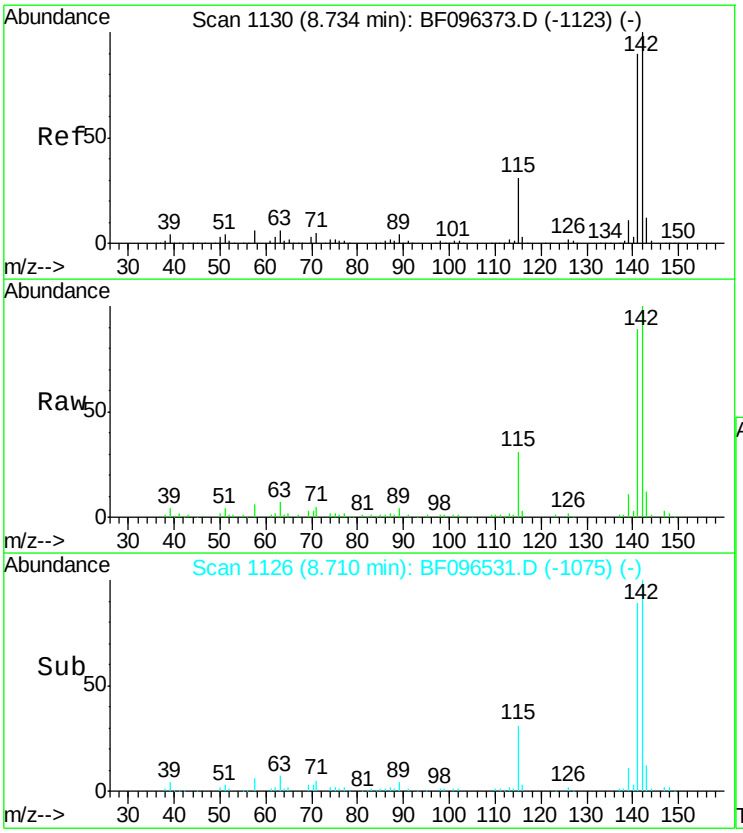
#31
Naphthalene
Concen: 2.993 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:128 Resp: 67448

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.3	10.8	16.2

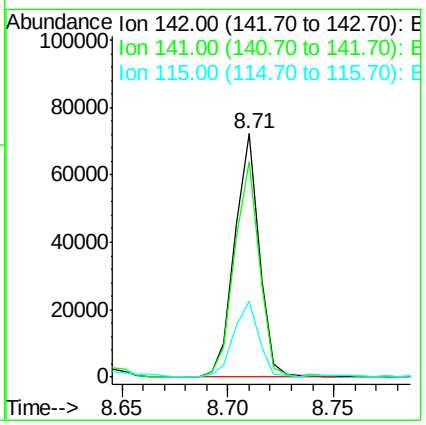


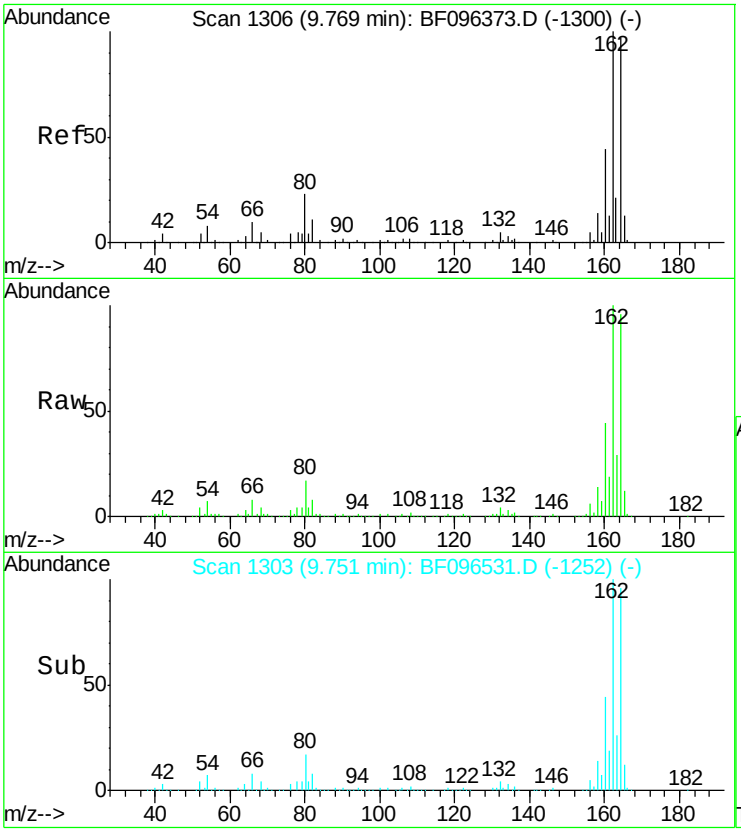


#37
2-Methylnaphthalene
Concen: 4.026 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:142 Resp: 57761

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	31.0	27.1	40.7



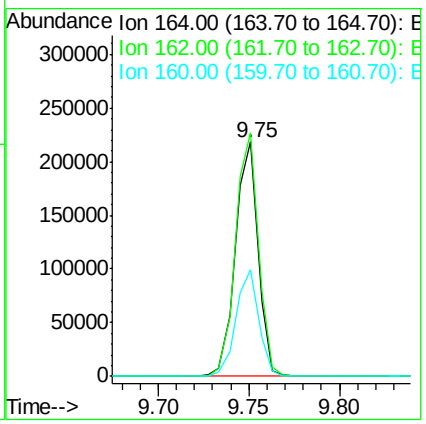


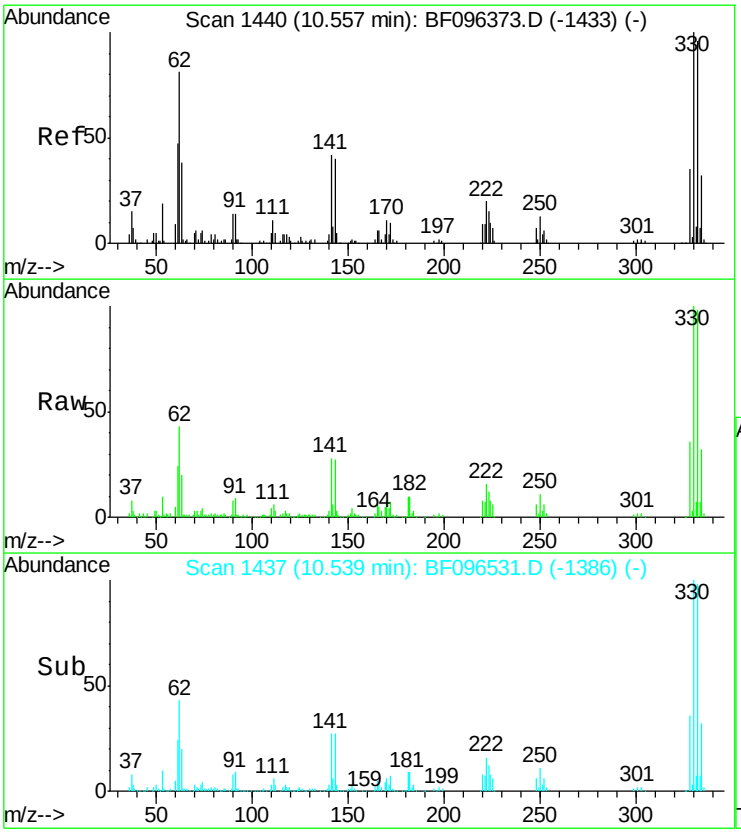
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:164 Resp: 190611

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	45.7	36.2	54.2

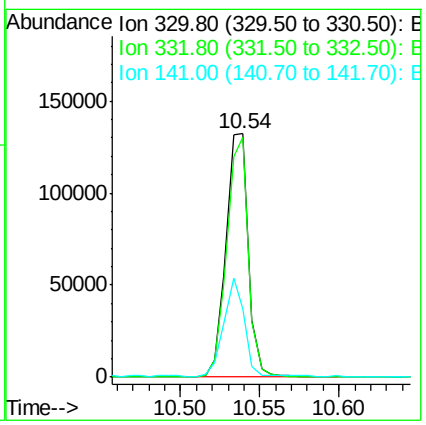


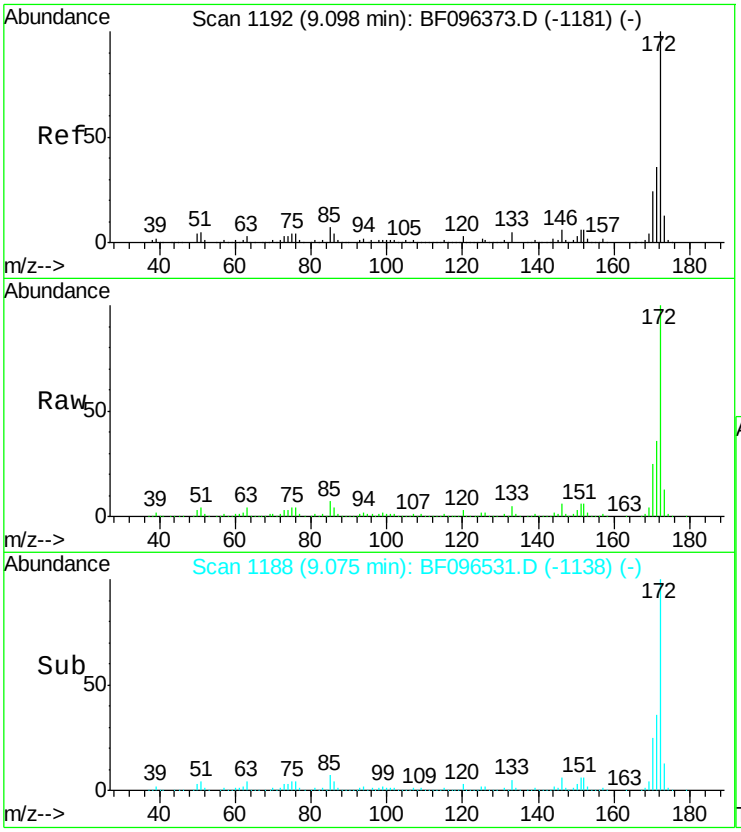


#41
2,4,6-Tribromophenol
Concen: 87.210 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:330 Resp: 129848

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	36.3	31.4	47.2



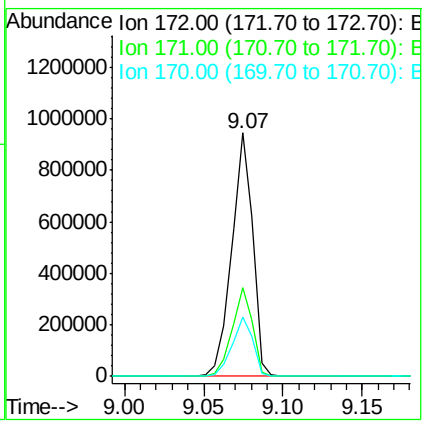


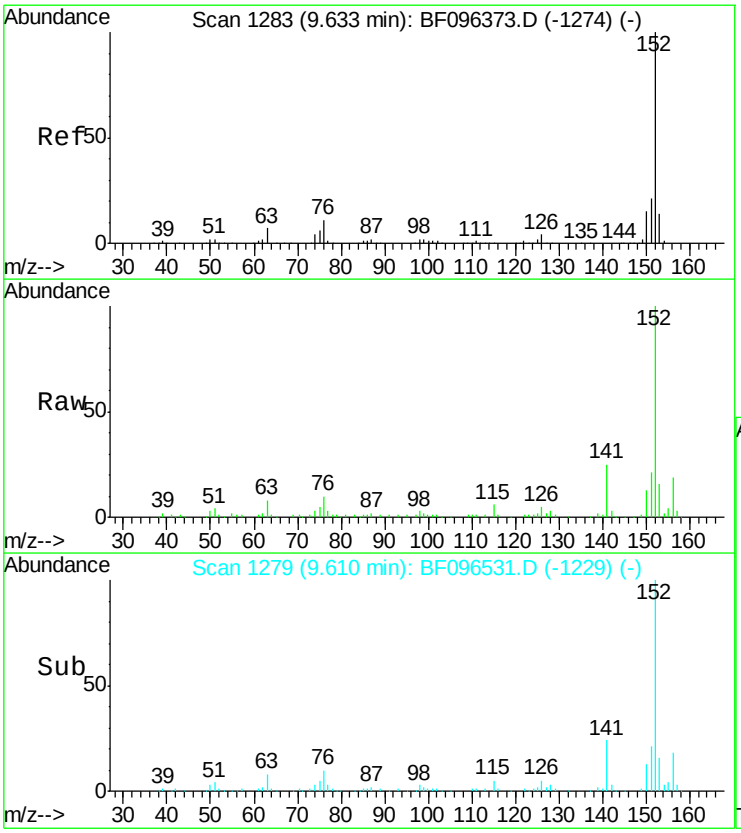
#44
2-Fluorobiphenyl
Concen: 77.648 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:172 Resp: 865650

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8

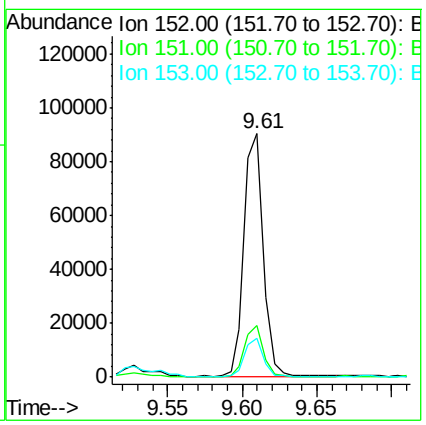


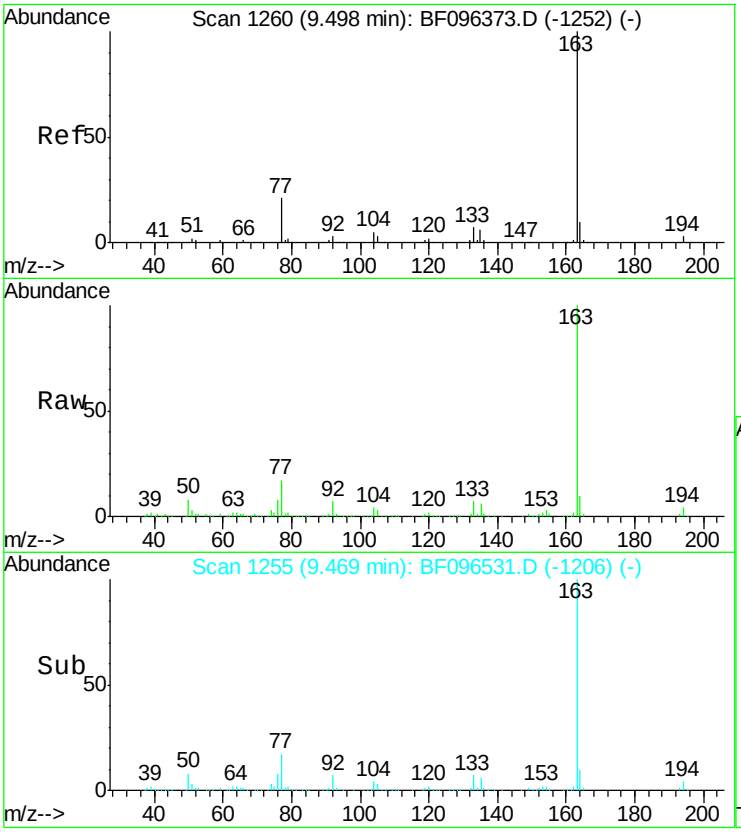


#48
Acenaphthylene
Concen: 4.272 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:152 Resp: 82389

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	15.9	10.8	16.2



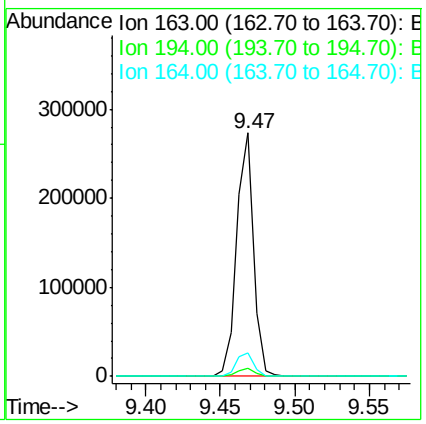


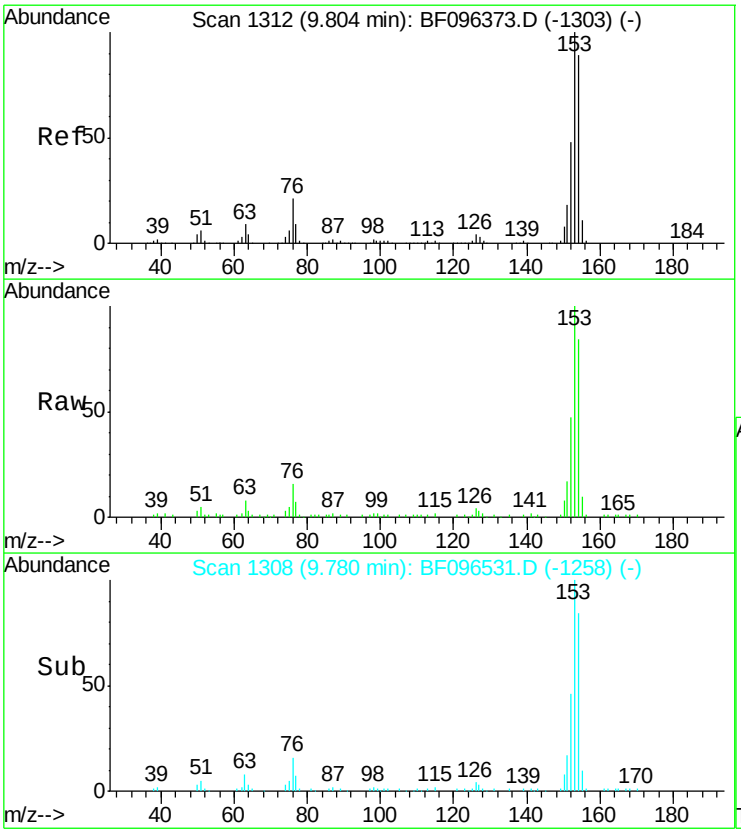
#49
Dimethylphthalate
Concen: 15.326 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:163 Resp: 218082

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6

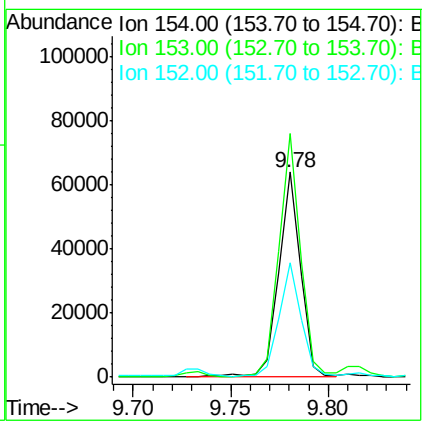


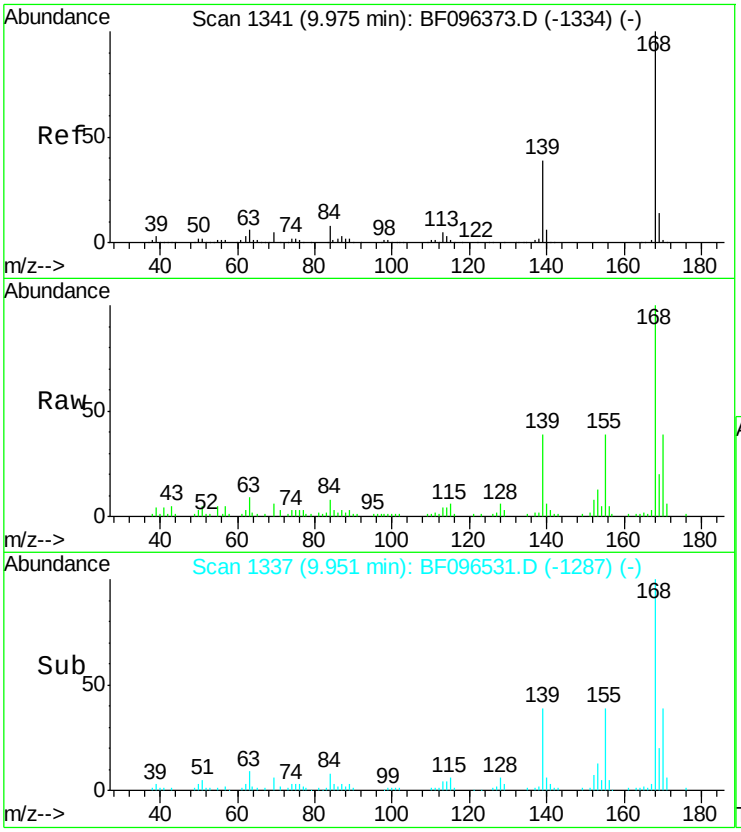


#51
Acenaphthene
Concen: 4.165 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:154 Resp: 49508

Ion	Ratio	Lower	Upper
154	100		
153	118.8	90.5	135.7
152	55.6	43.6	65.4



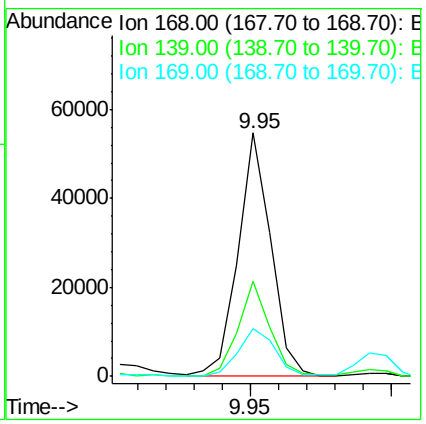


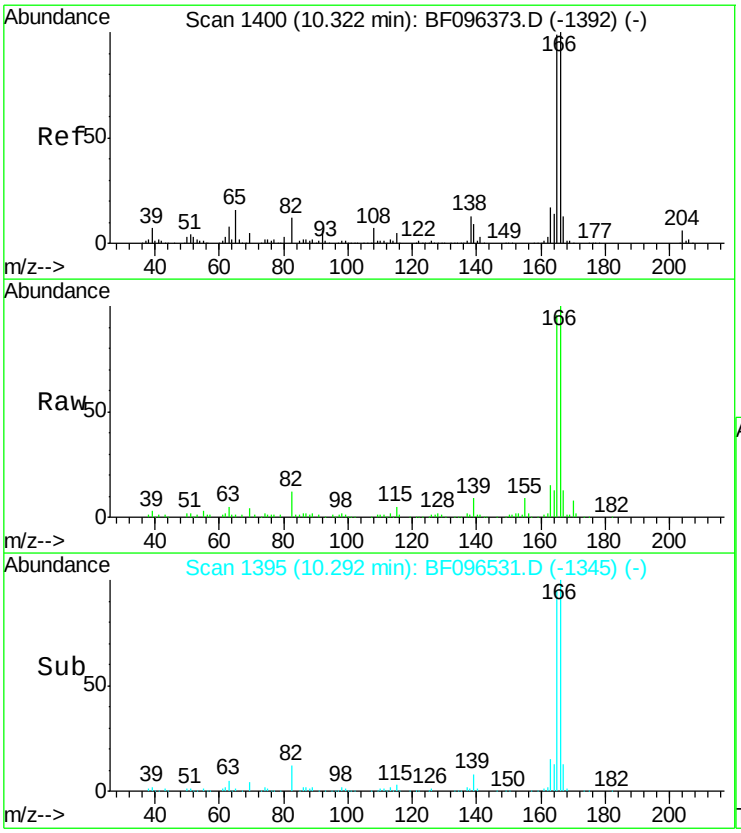
#54
Dibenzofuran
Concen: 2.817 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:168 Resp: 44221

Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.6	45.8
169	19.7	10.8	16.2#

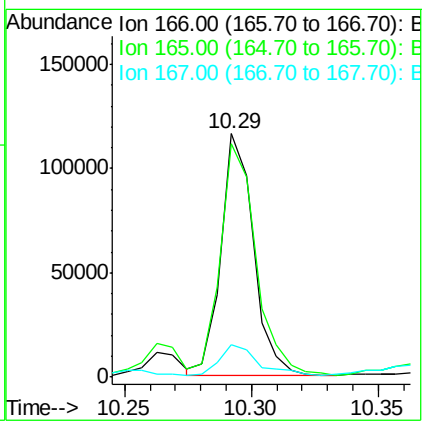


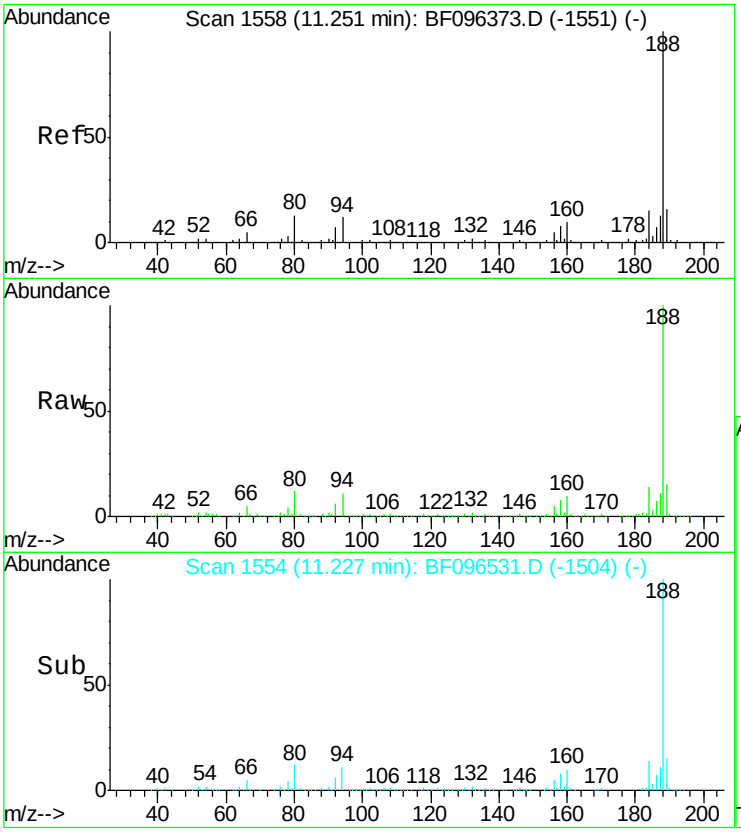


#57
Fluorene
Concen: 9.393 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:166 Resp: 104118

Ion	Ratio	Lower	Upper
166	100		
165	95.6	78.8	118.2
167	13.5	10.6	16.0



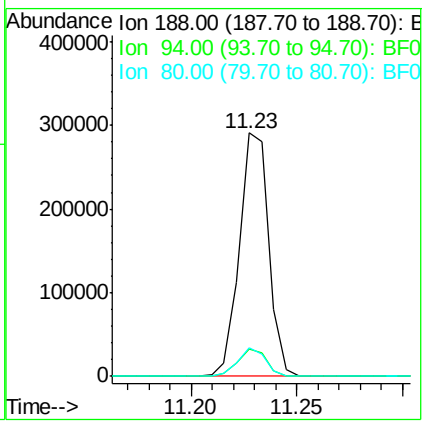


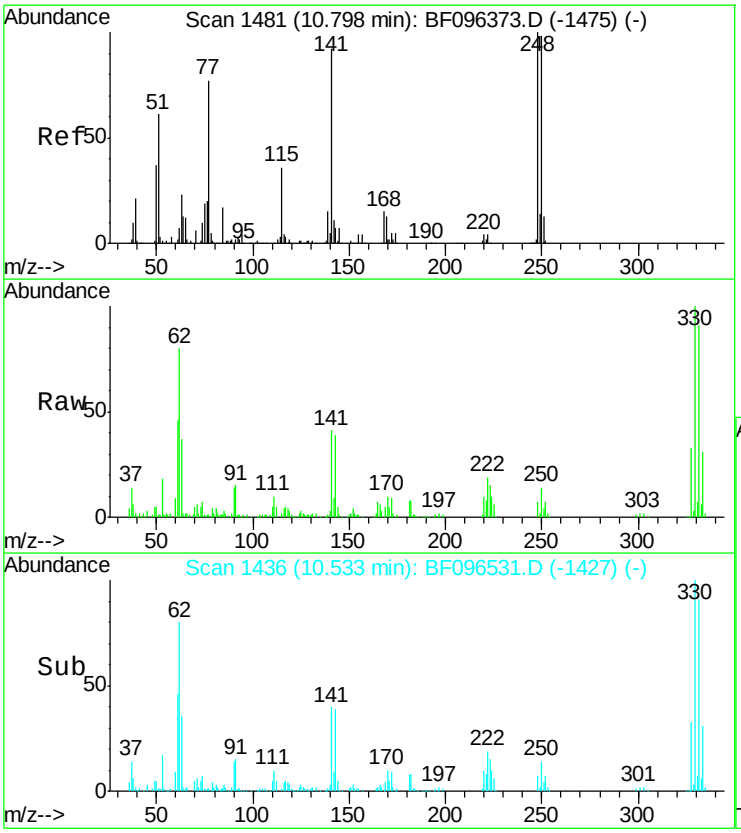
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:188 Resp: 279119

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.7	10.2	15.2

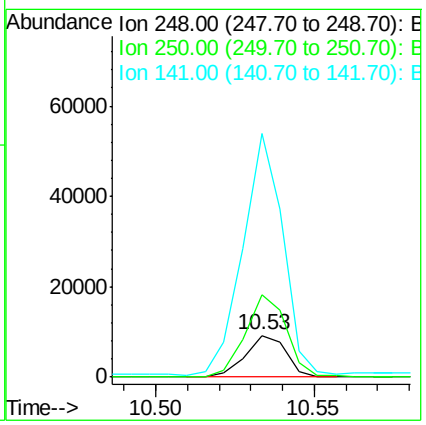


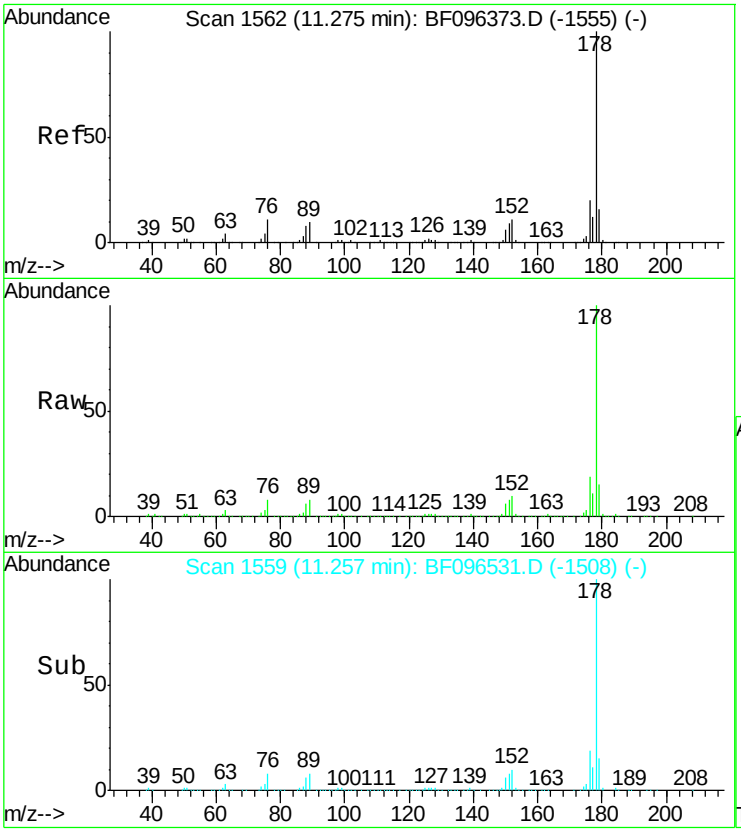


#66
4-Bromophenyl-phenylether
Concen: 3.034 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:248 Resp: 8243

Ion	Ratio	Lower	Upper
248	100		
250	195.8	76.8	115.2#
141	579.6	68.6	103.0#



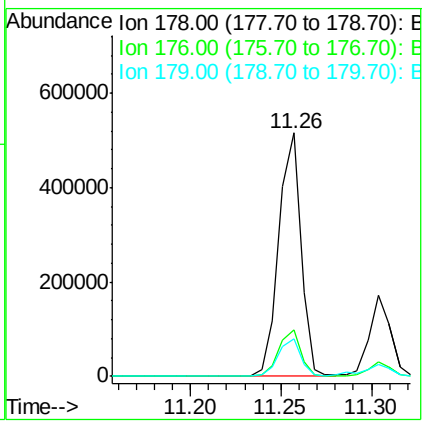


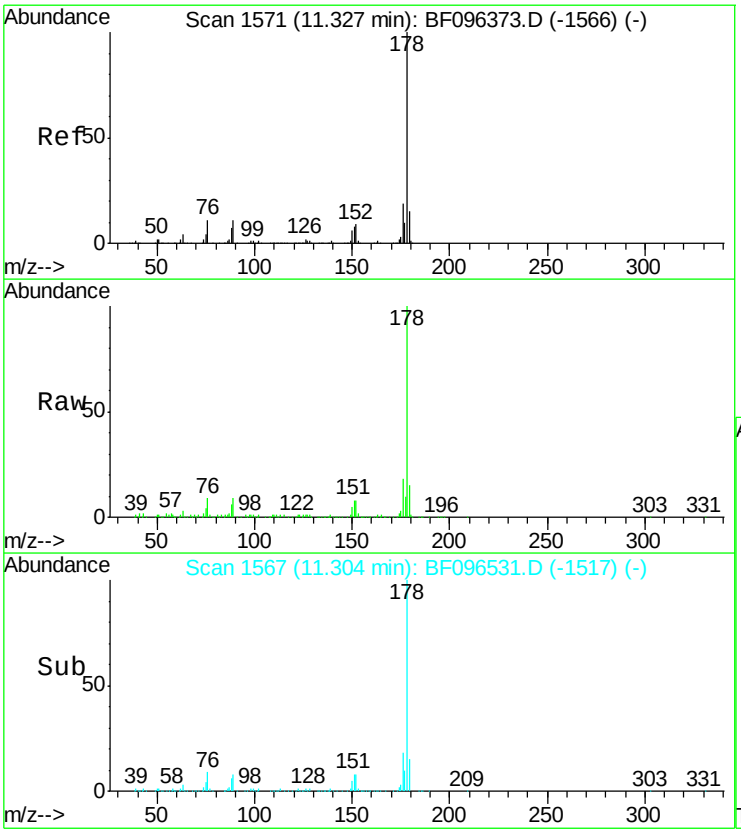
#70
Phenanthrene
Concen: 29.139 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:178 Resp: 439660

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.3	12.6	19.0

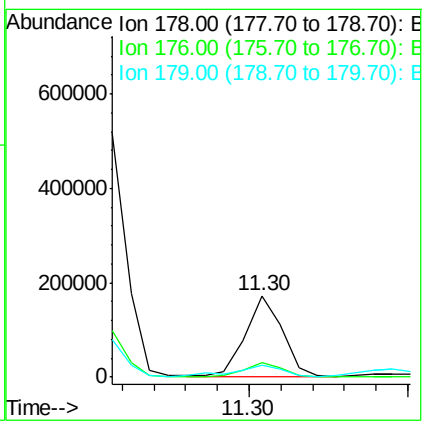


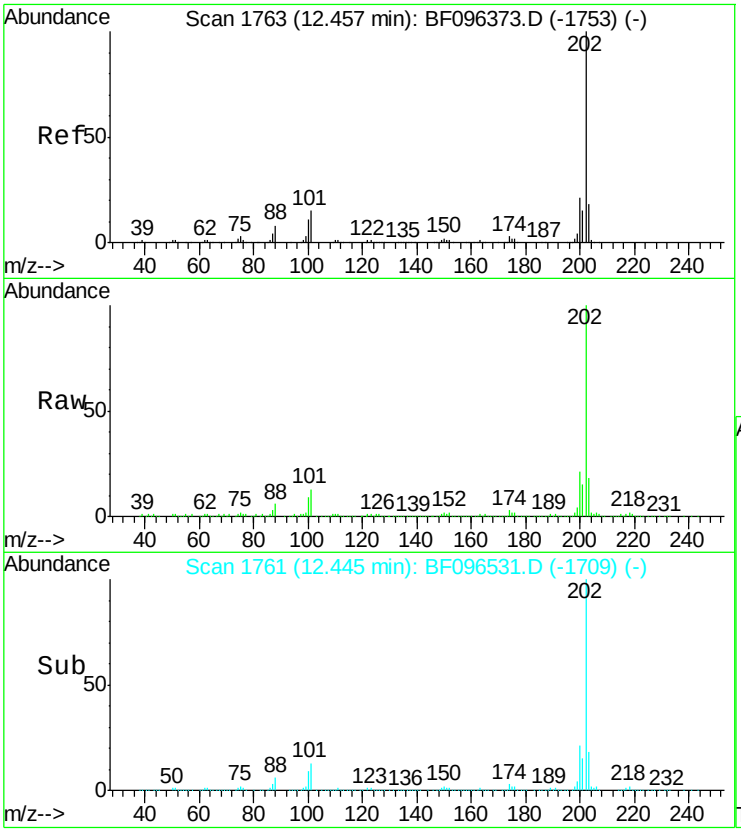


#71
Anthracene
Concen: 8.961 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:178 Resp: 137780

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.3	12.7	19.1



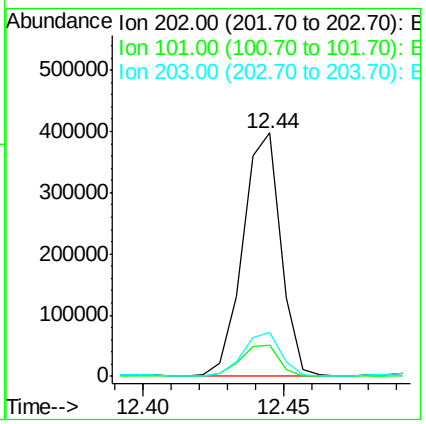


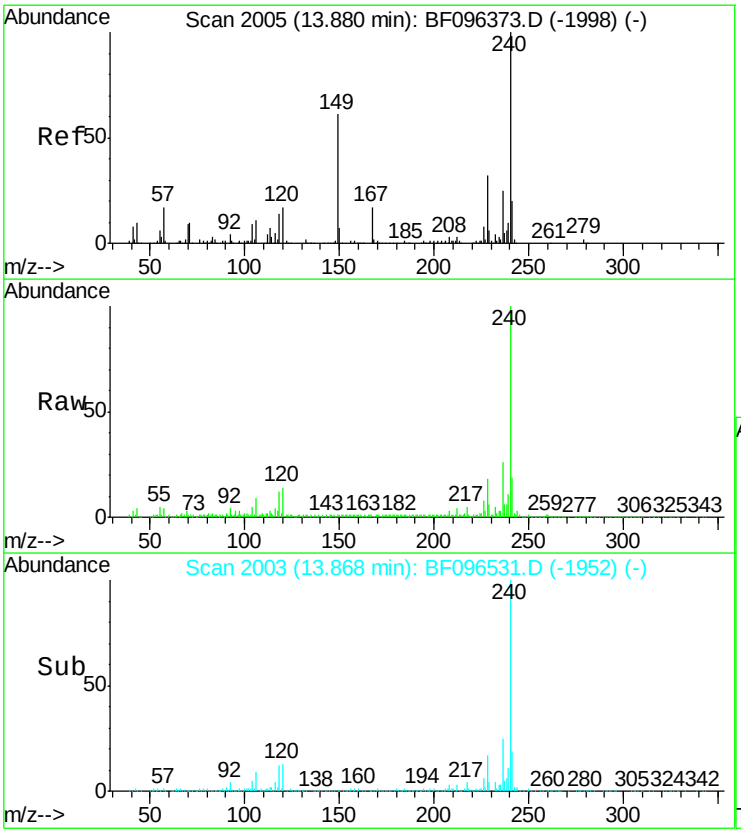
#74
Fluoranthene
Concen: 25.038 ng
RT: 12.44 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:202 Resp: 370398

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	18.2	0.0	38.1

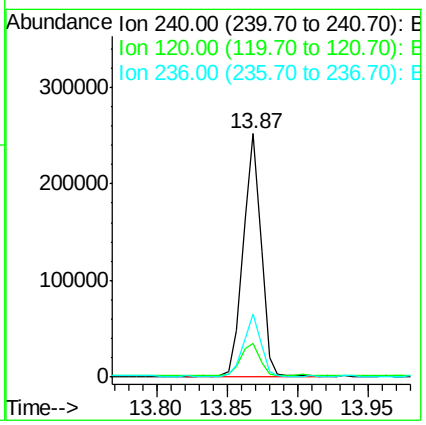


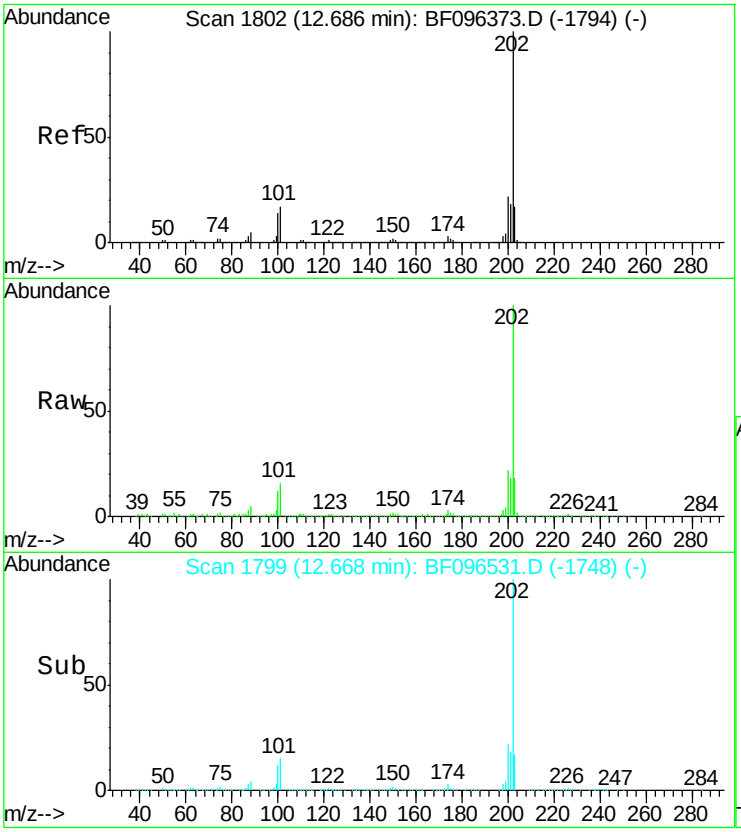


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:240 Resp: 222723

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.8	20.5	30.7



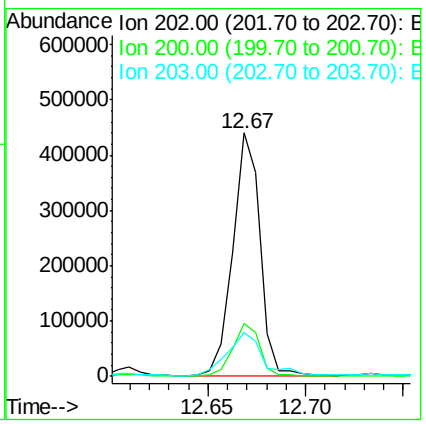


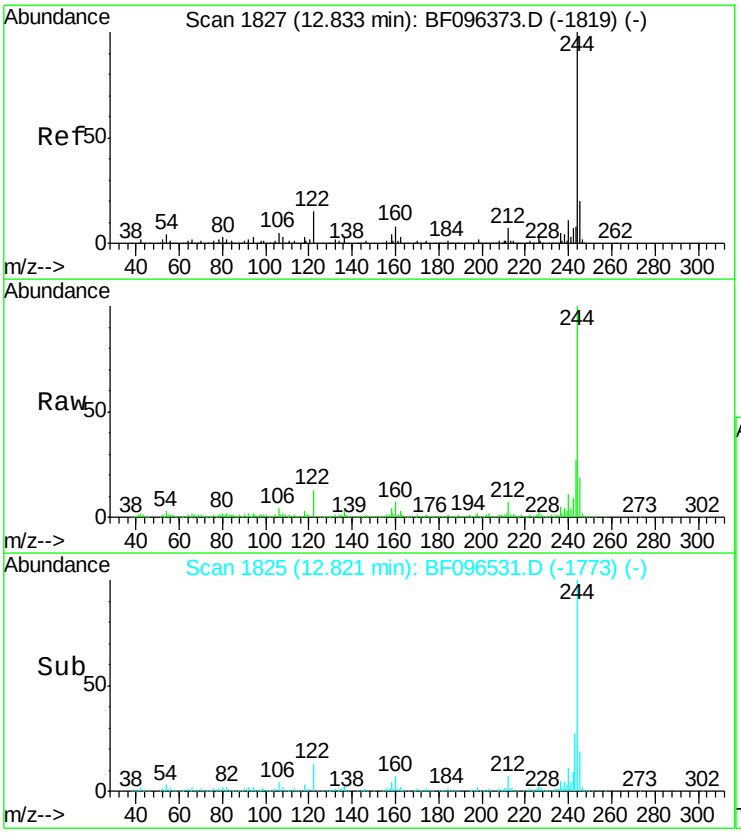
#77
Pyrene
Concen: 23.660 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:202 Resp: 422981

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.9	14.4	21.6

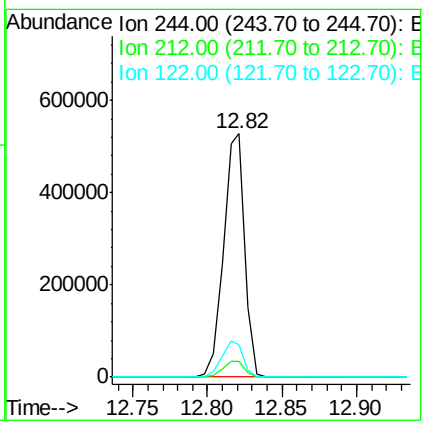


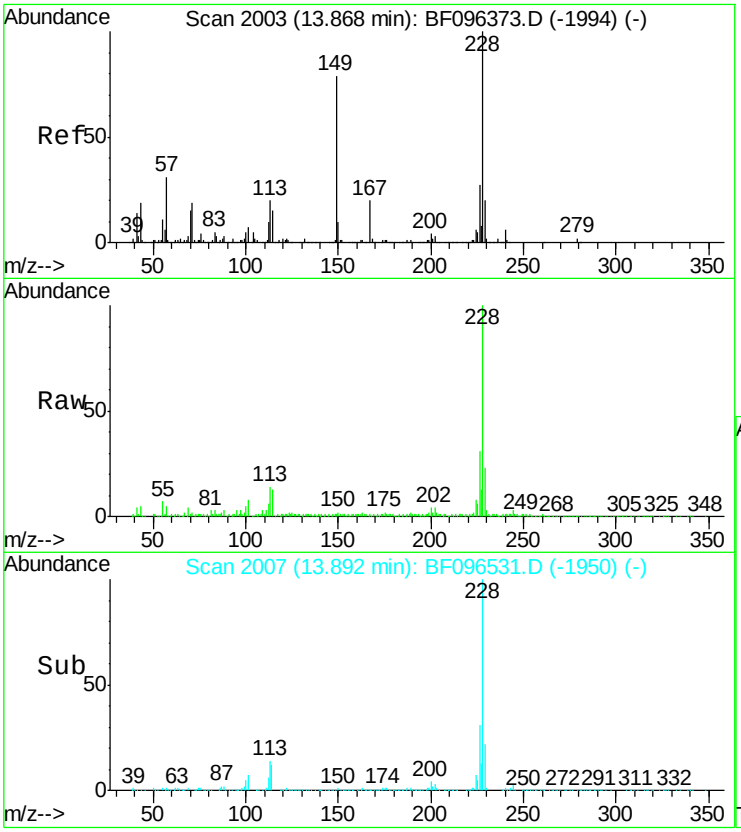


#78
Terphenyl-d14
Concen: 50.772 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:244 Resp: 529201

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.4	10.3	15.5



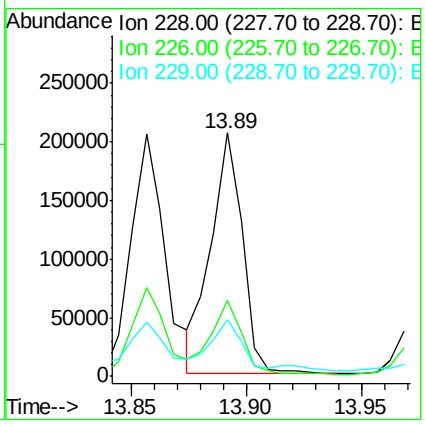


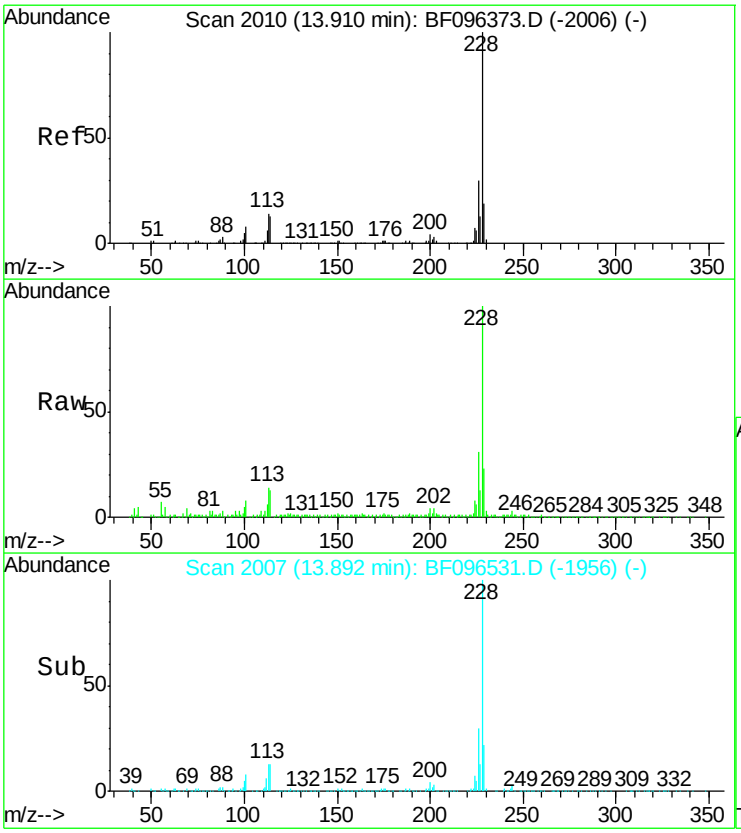
#80
Benzo(a)anthracene
Concen: 15.140 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.04 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:228 Resp: 195273

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	23.2	16.3	24.5

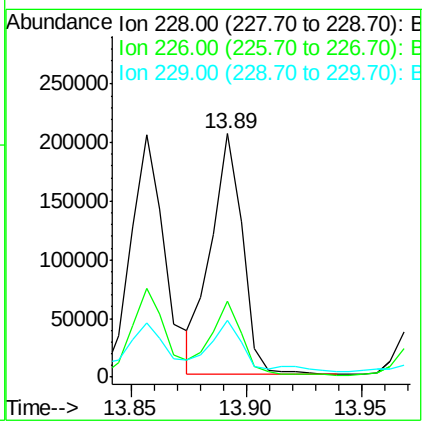


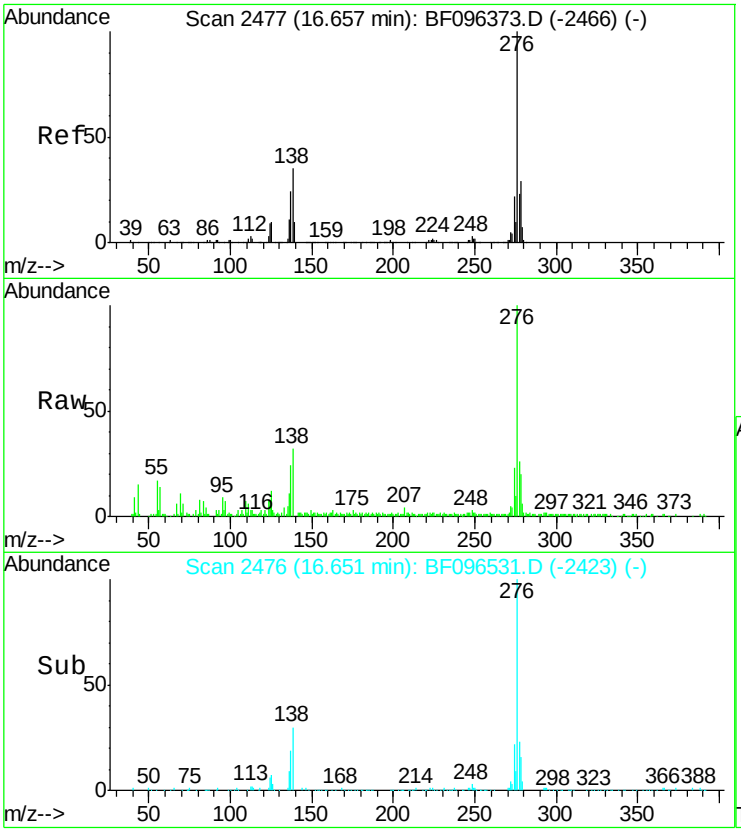


#82
Chrysene
Concen: 14.458 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:228 Resp: 195273

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	23.2	15.8	23.6



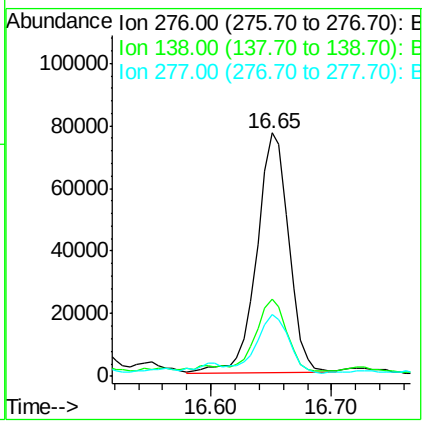


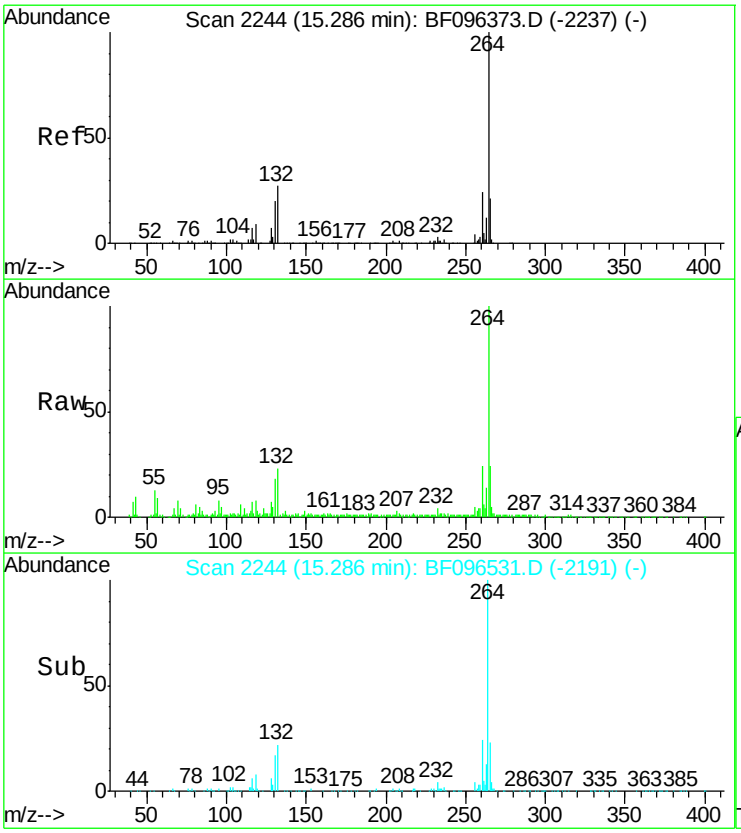
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.215 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:276 Resp: 140885

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.8	41.6
277	24.4	20.2	30.4

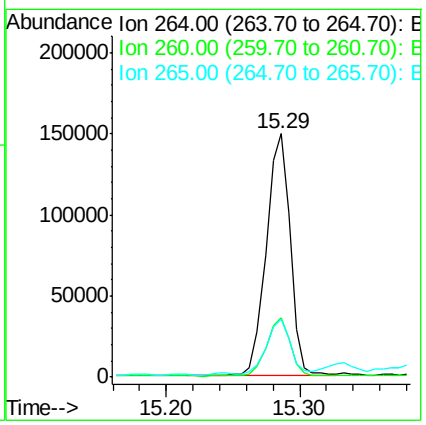


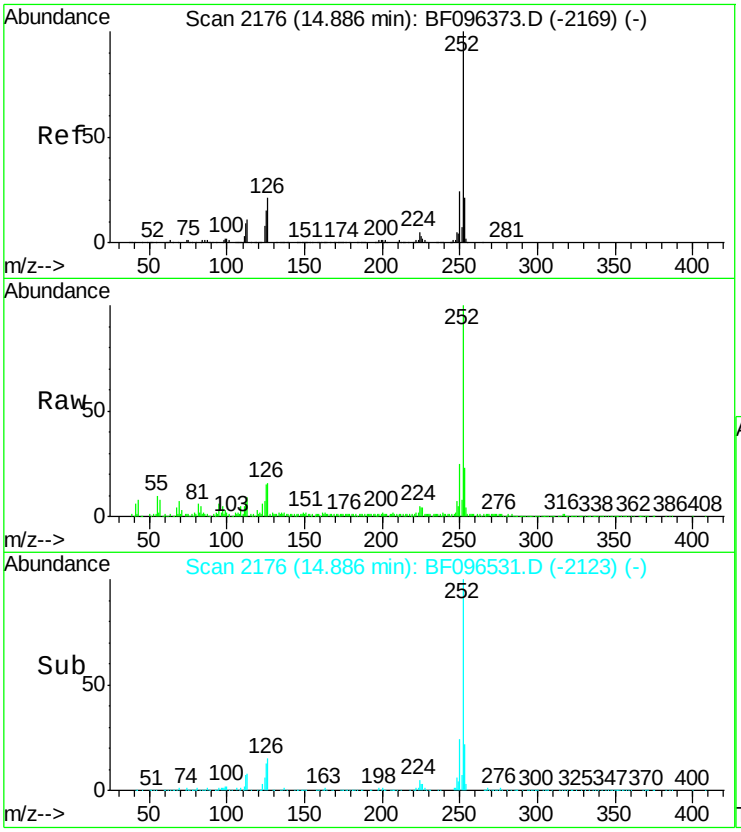


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:264 Resp: 187631

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.8	17.2	25.8



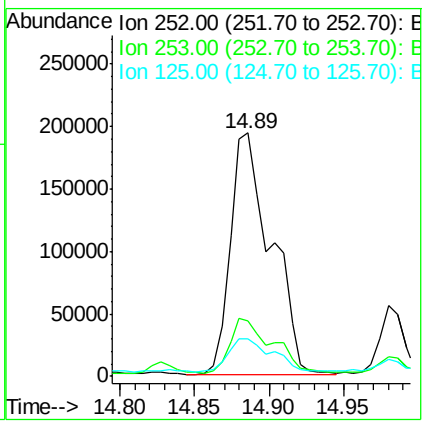


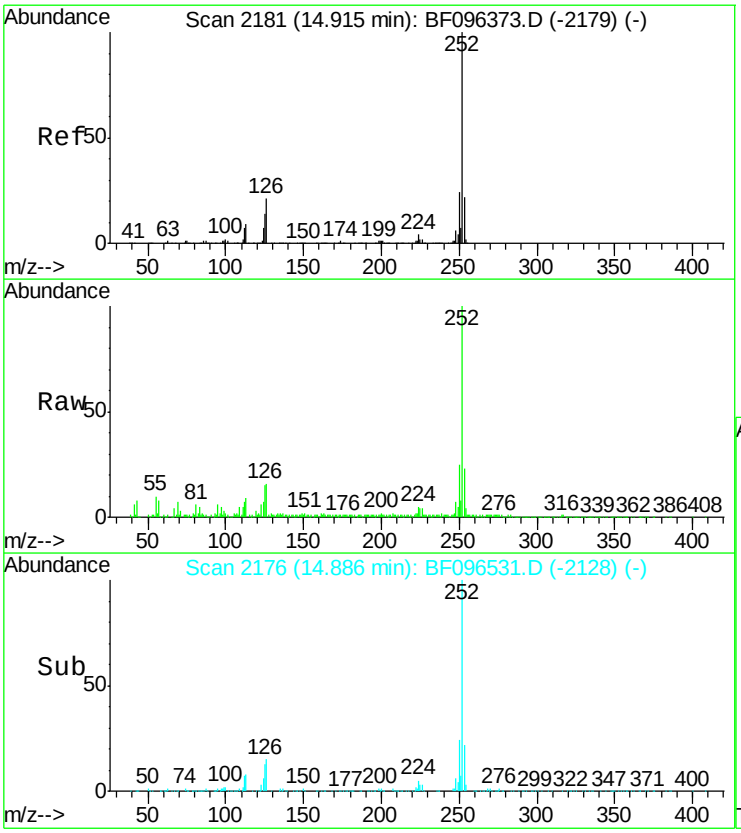
#87
Benzo(b)fluoranthene
Concen: 31.330 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:252 Resp: 368342

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.4	9.8	14.8#

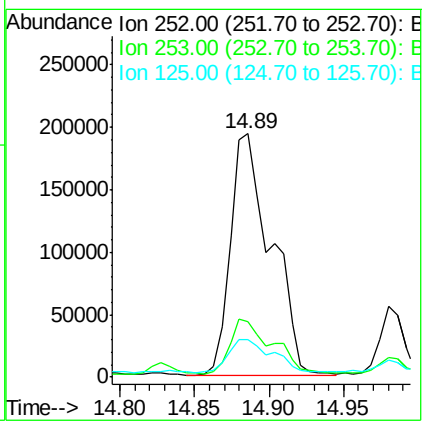


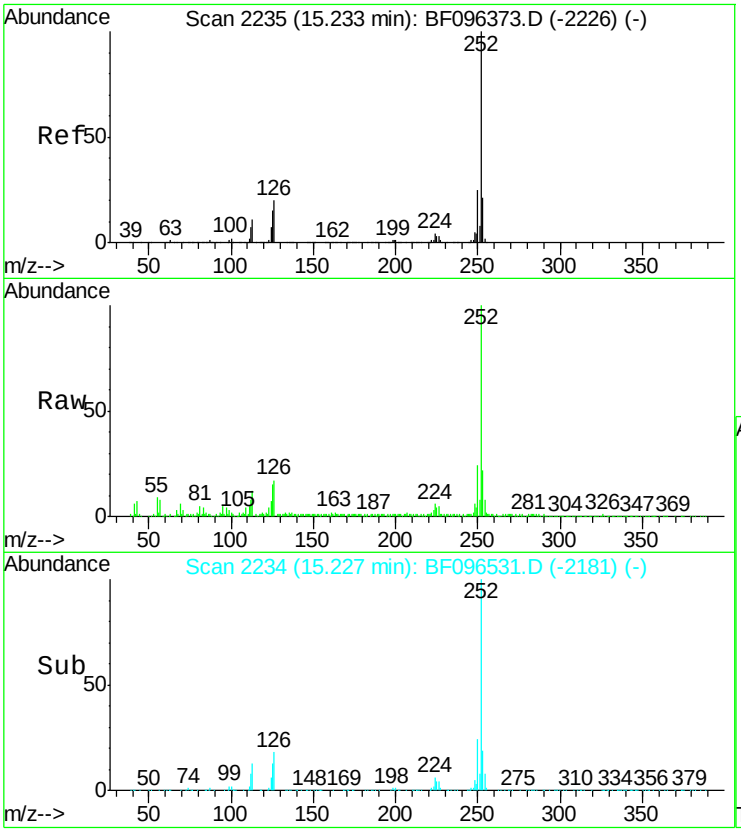


#88
Benzo(k)fluoranthene
Concen: 35.025 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:252 Resp: 368342

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	15.4	13.1	19.7



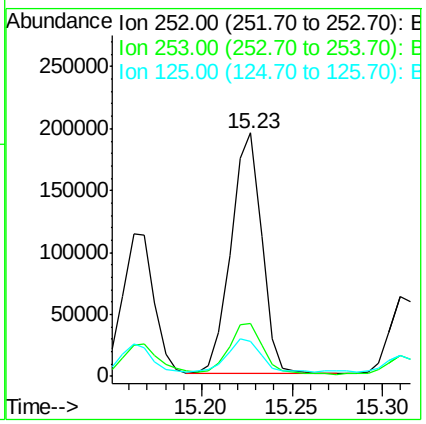


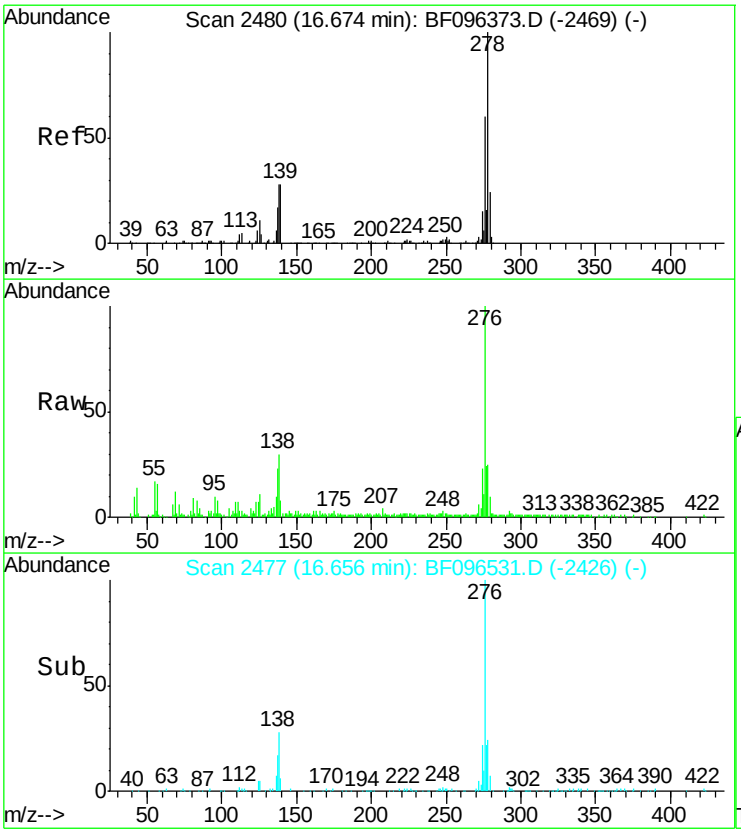
#89
Benzo(a)pyrene
Concen: 21.994 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:252 Resp: 230862

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.6	11.0	16.4

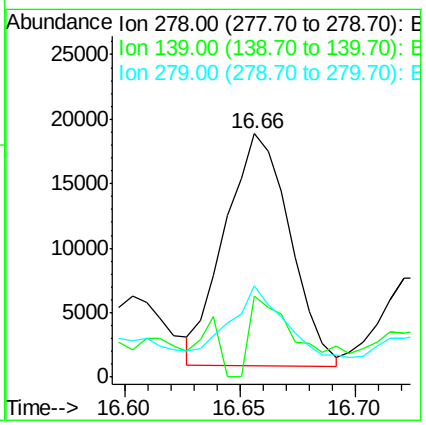


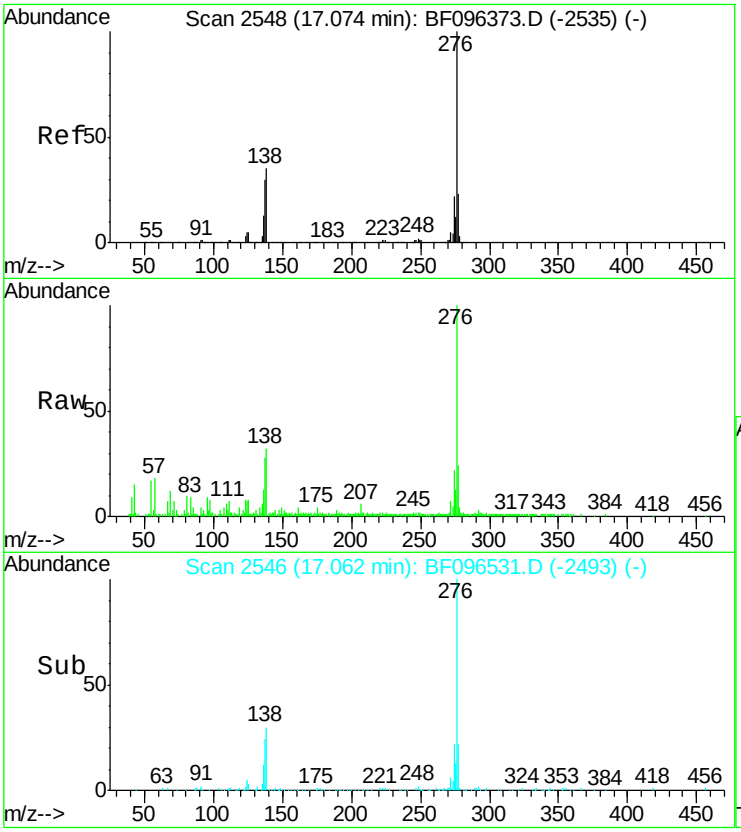


#90
Dibenzo(a,h)anthracene
Concen: 4.274 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:278 Resp: 35291

Ion	Ratio	Lower	Upper
278	100		
139	33.2	16.6	24.8#
279	37.4	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 15.529 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

Tgt Ion:276 Resp: 132879

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	32.0	25.4	38.0