Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097858.D
Acq On : 19 Aug 2017 3:11
Operator : SJ/JU
Sample : I4774-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB439

Quant Time: Aug 19 03:44:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127787	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	503695	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	208757	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	337888	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	277611	20.00	ng		0.00
86) Perylene-d12	15.36	264	232799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	926571	110.29	ng		0.00
7) Phenol-d6	6.41	99	1265082	110.83	ng		0.00
23) Nitrobenzene-d5	7.34	82	796348	85.89	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	186082	102.73	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1030455	72.52	ng		-0.01
78) Terphenyl-d14	12.89	244	677214	50.87	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.42	94	38183	2.86	ng		90
19) n-Nitroso-di-n-propylamine	7.34	70	108719	13.91	ng	#	69
25) Isophorone	7.34	82	791988	41.08	ng	#	67
26) 2-Nitrophenol	7.63	139	1167	5.54	ng	#	1
32) Benzoic acid	7.83	122	124	6.42	ng	#	1
48) Acenaphthylene	9.67	152	140191	6.35	ng		99
49) Dimethylphthalate	9.53	163	199045	13.04	ng		99
53) 2,4-Dinitrophenol	9.66	184	134	10.22	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.60	198	478	8.57	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	12622	3.60	ng	#	1
70) Phenanthrene	11.32	178	139582	7.75	ng		98
71) Anthracene	11.36	178	49239	2.70	ng		97
73) Di-n-butylphthalate	11.86	149	78709	3.94	ng		98
74) Fluoranthene	12.51	202	217337	11.56	ng		93
77) Pyrene	12.74	202	427702	18.84	ng		99
80) Benzo(a)anthracene	13.96	228	207161	12.45	ng		95
82) Chrysene	13.96	228	207161	12.52	ng		98
84) Di-n-octyl phthalate	14.57	149	127739	7.61	ng	#	58
87) Benzo(b)fluoranthene	14.95	252	368415	25.11	ng		97
88) Benzo(k)fluoranthene	14.95	252	368415	26.72	ng		96
89) Benzo(a)pyrene	15.30	252	202753	15.61	ng		97
90) Dibenzo(a,h)anthracene	16.77	278	26583	2.51	ng	#	86
91) Benzo(g,h,i)perylene	17.18	276	128970	11.69	ng		93

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

Quantitation Report (Not Reviewed)

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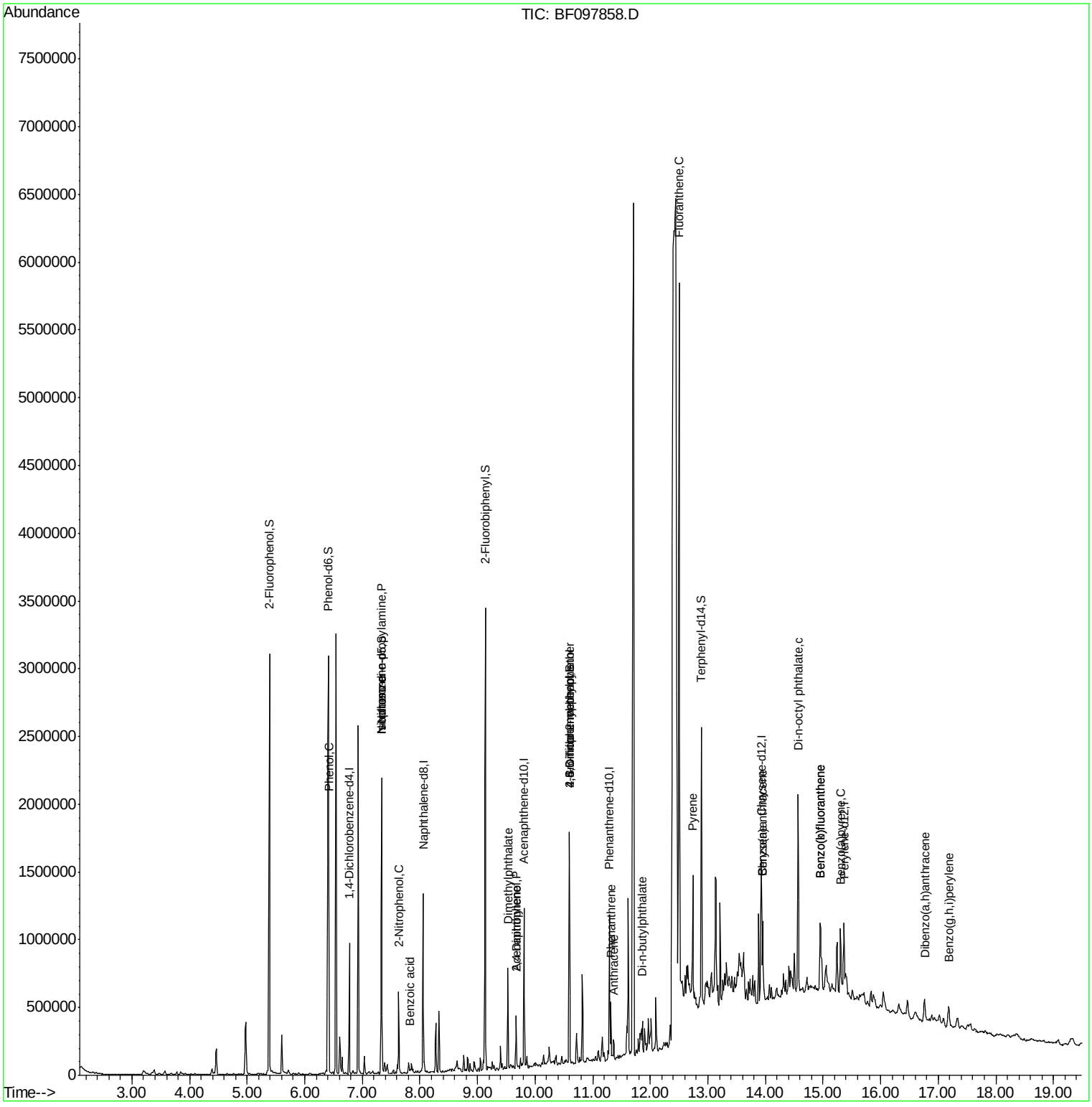
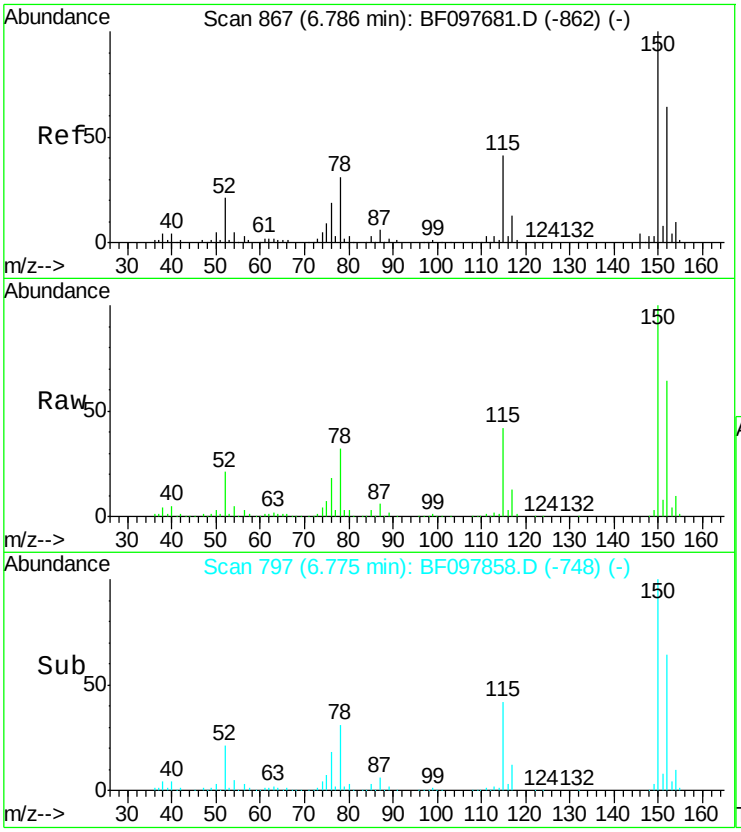


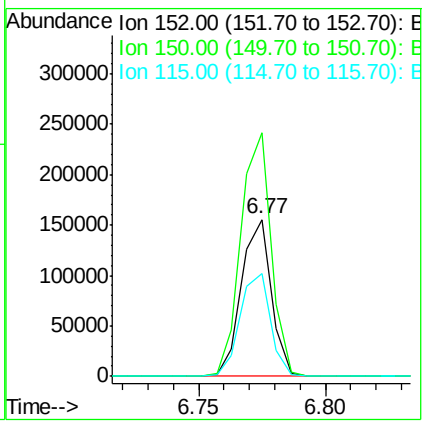


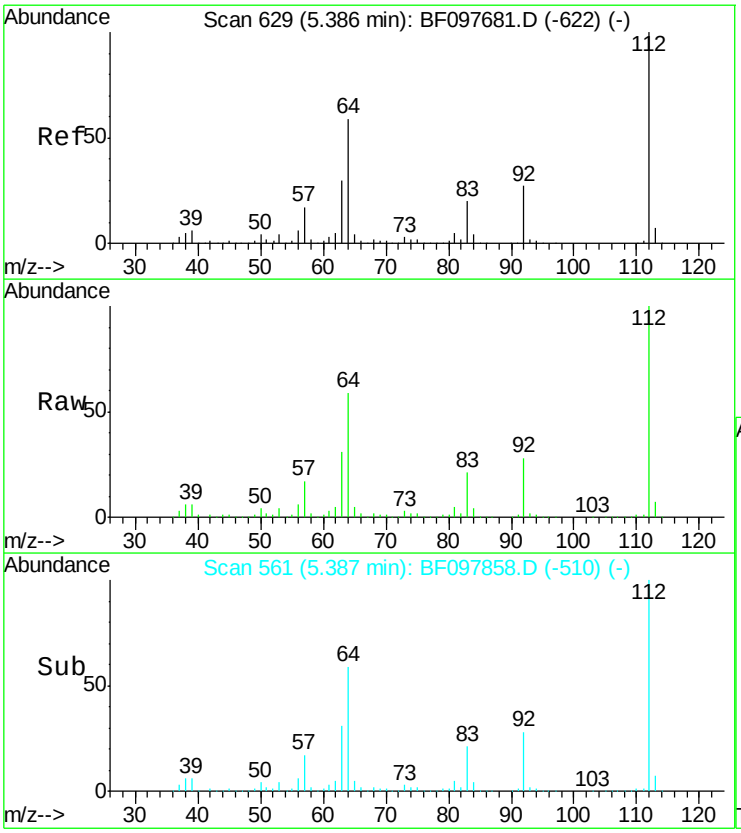
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:152 Resp: 127787

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	65.2	52.2	78.2

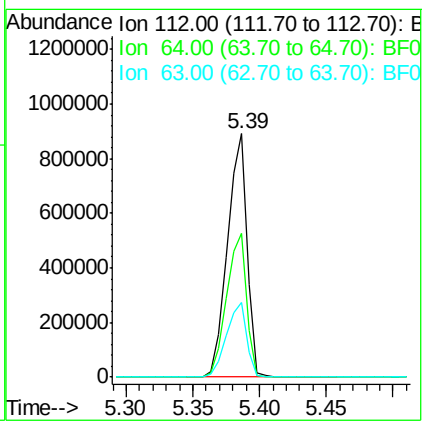


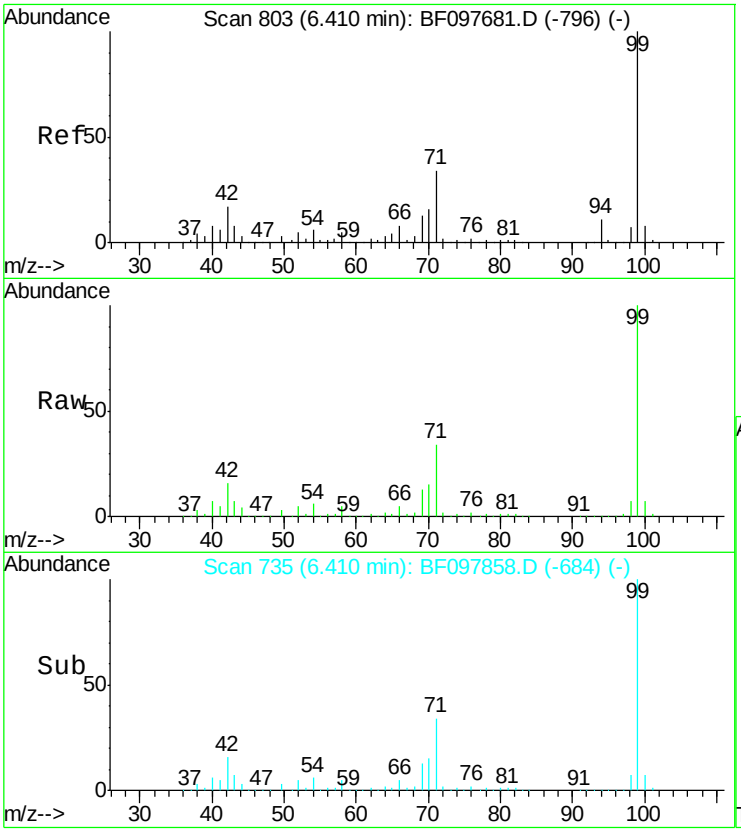


#5
2-Fluorophenol
Concen: 110.29 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:112 Resp: 926571

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	30.6	23.4	35.0



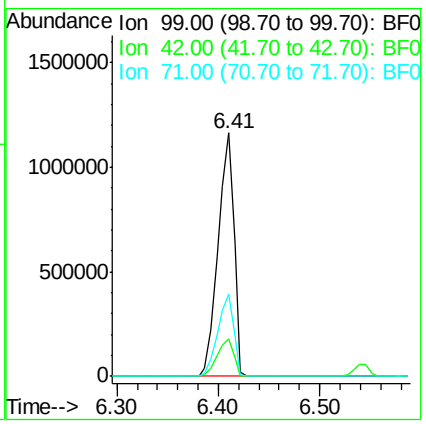


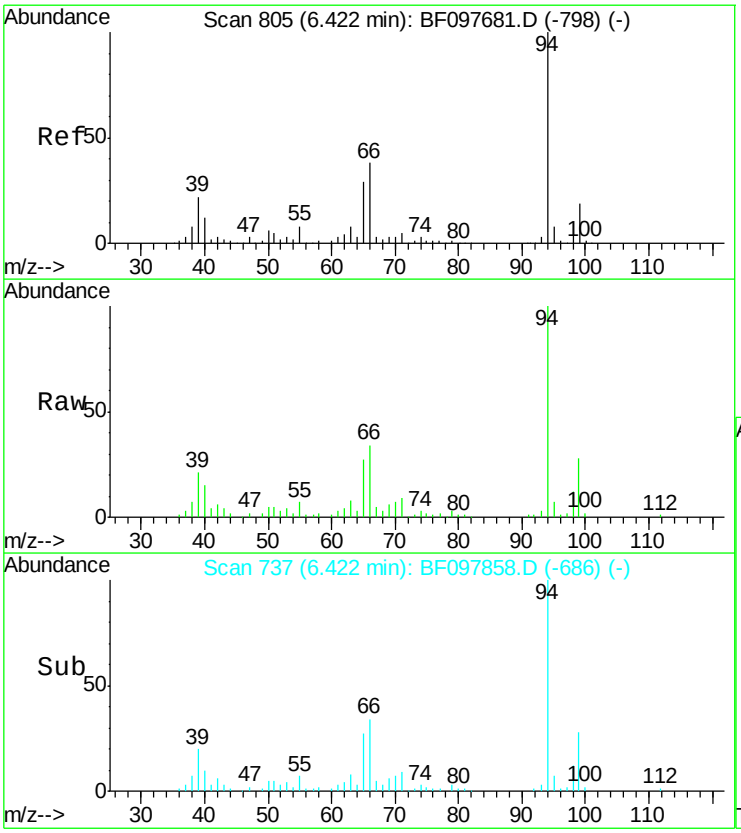
#7
Phenol-d6
Concen: 110.83 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion: 99 Resp: 1265082

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	33.9	24.5	36.7

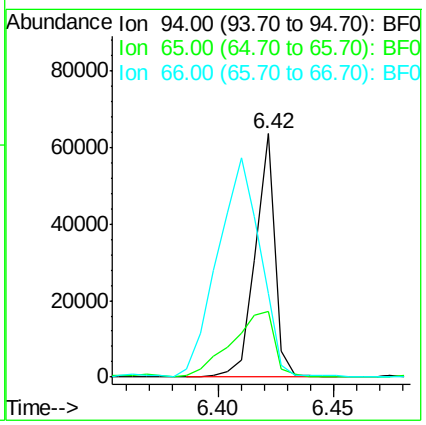


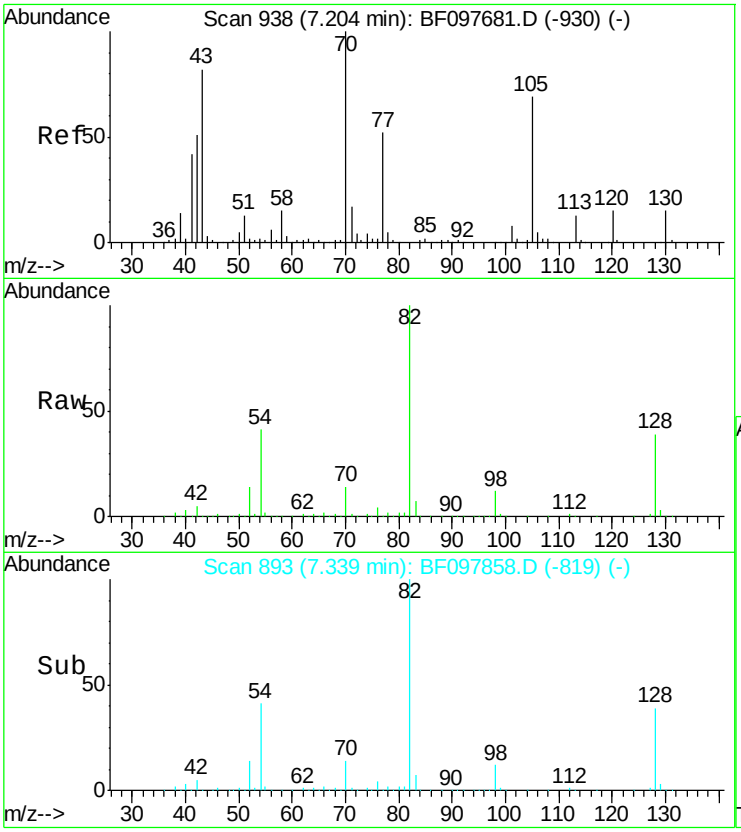


#10
Phenol
Concen: 2.86 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion: 94 Resp: 38183

Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.9	49.9
66	34.3	23.1	63.1



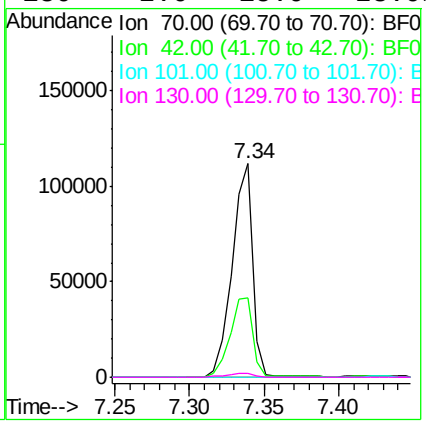


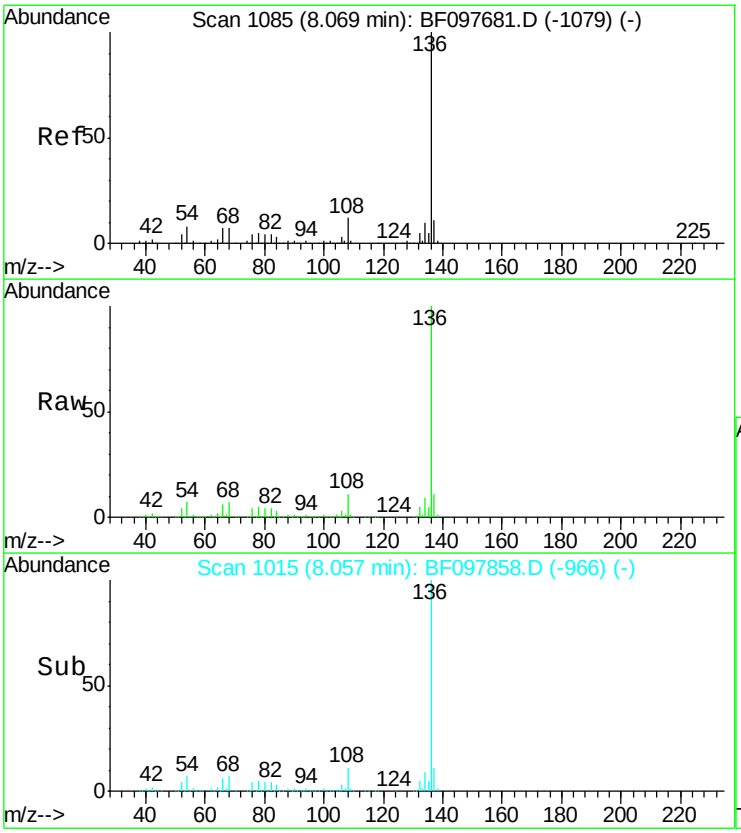
#19
n-Nitroso-di-n-propylamine
Concen: 13.91 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion: 70 Resp: 108719

Ion	Ratio	Lower	Upper
70	100		
42	37.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

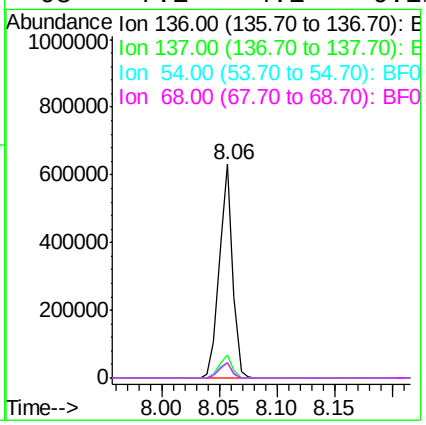


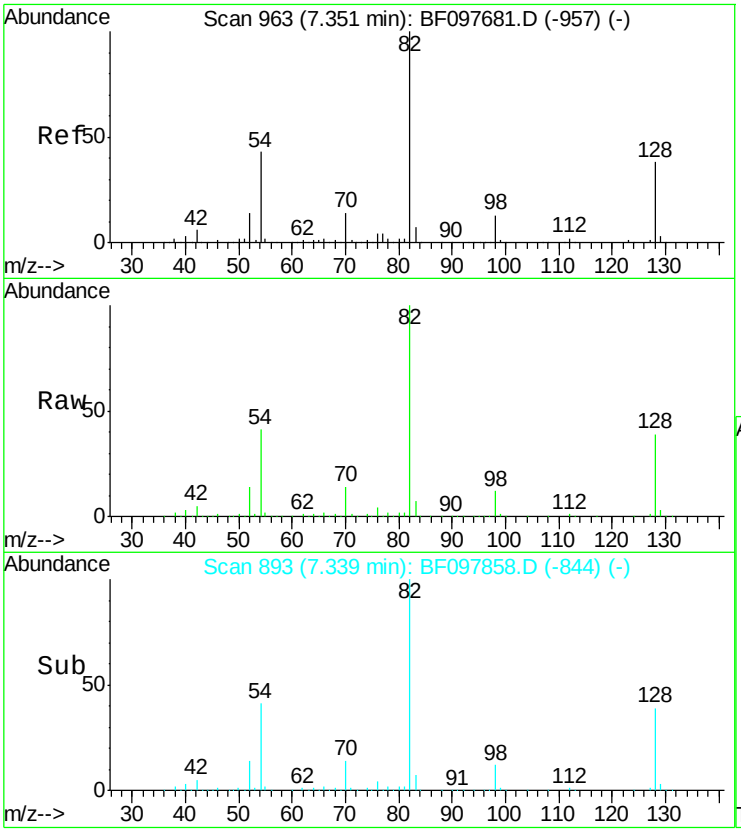


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:136 Resp: 503695

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.5	4.9	7.3#
68	7.1	4.1	6.1#



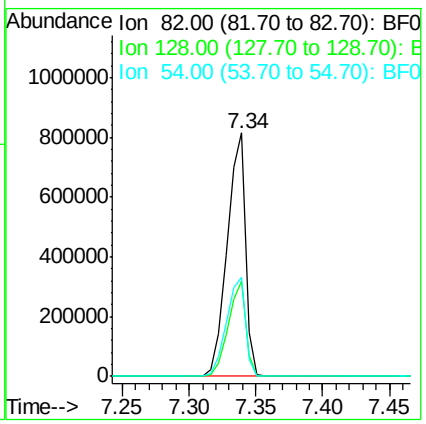


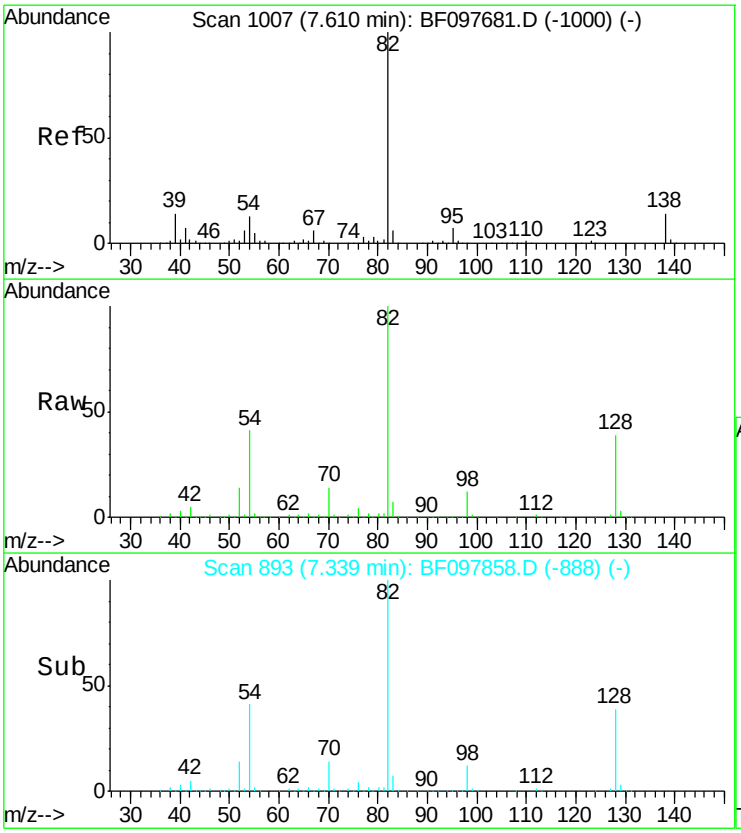
#23
Nitrobenzene-d5
Concen: 85.89 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion: 82 Resp: 796348

Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.0	51.0
54	40.6	42.2	63.2#

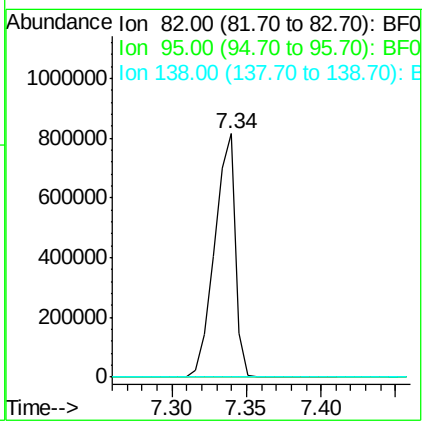


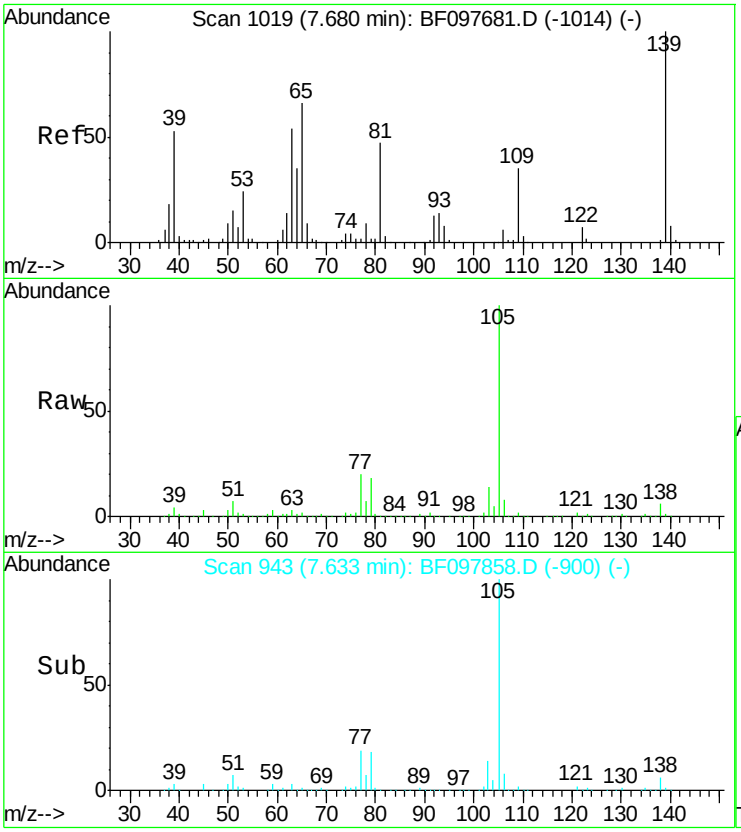


#25
Isophorone
Concen: 41.08 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.27 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion: 82 Resp: 791988

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



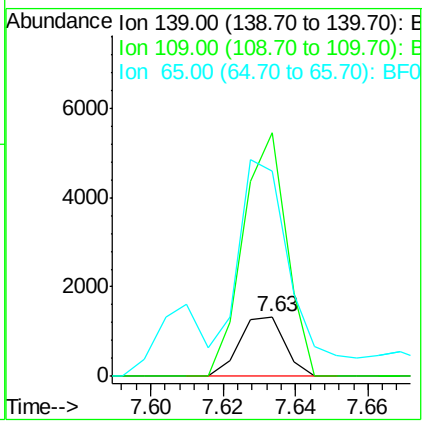


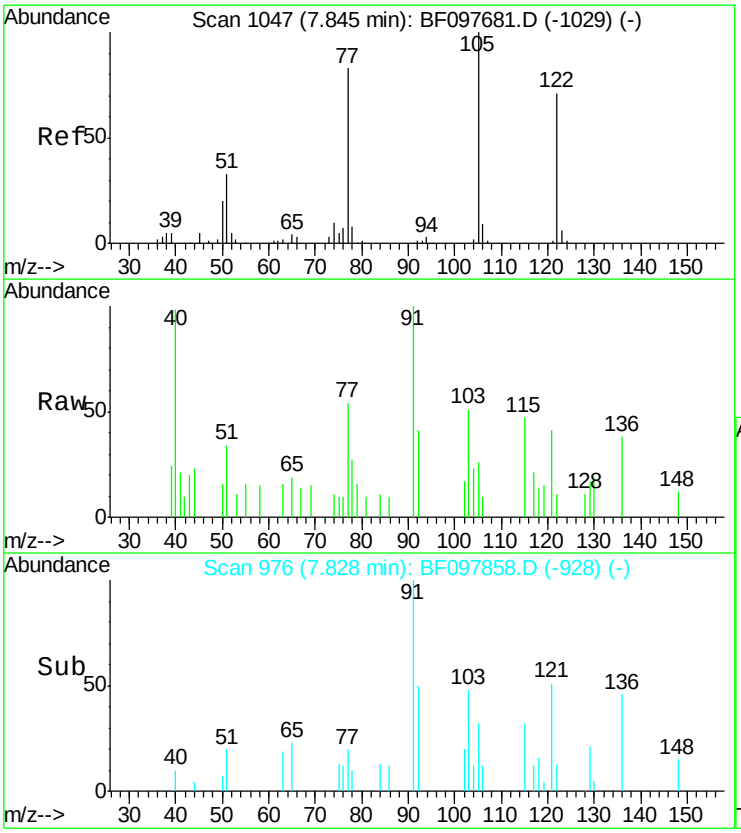
#26
2-Nitrophenol
Concen: 5.54 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:139 Resp: 1167

Ion	Ratio	Lower	Upper
139	100		
109	409.8	21.0	31.6#
65	345.4	33.0	49.6#

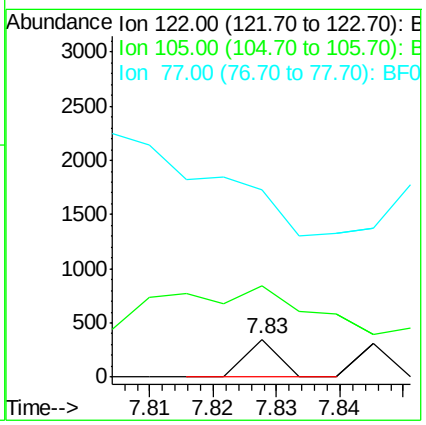


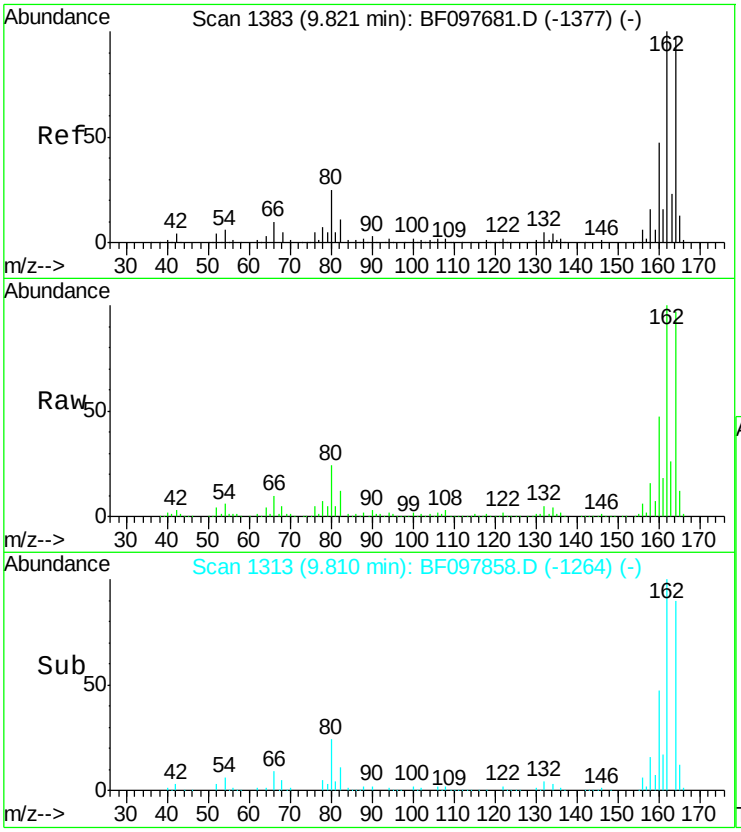


#32
Benzoic acid
Concen: 6.42 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:122 Resp: 124

Ion	Ratio	Lower	Upper
122	100		
105	241.6	103.3	143.3#
77	492.6	73.7	113.7#



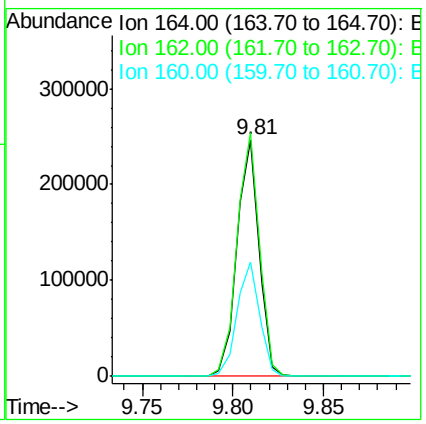


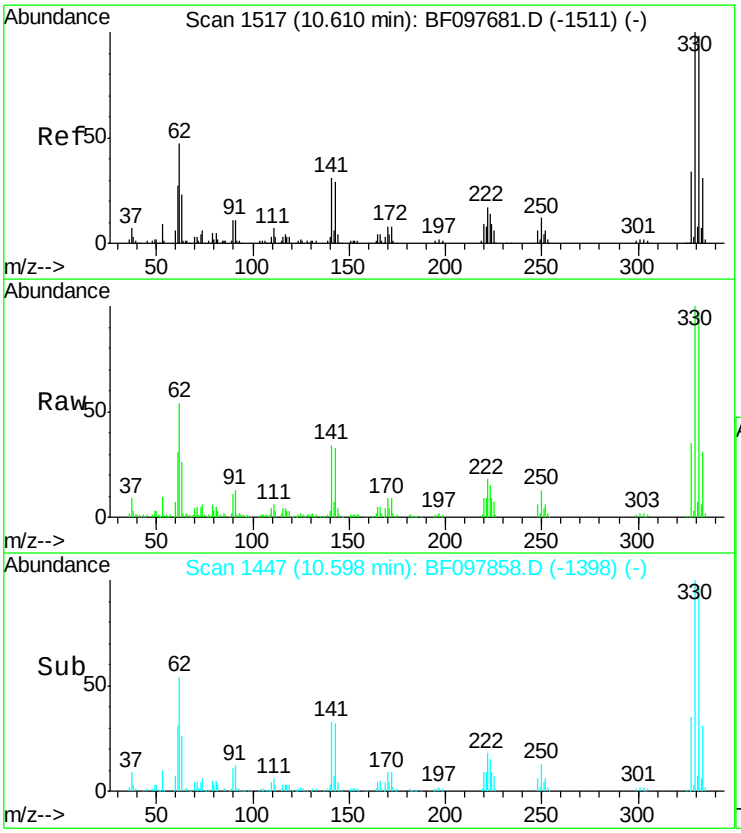
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:164 Resp: 208757

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	48.4	36.2	54.2

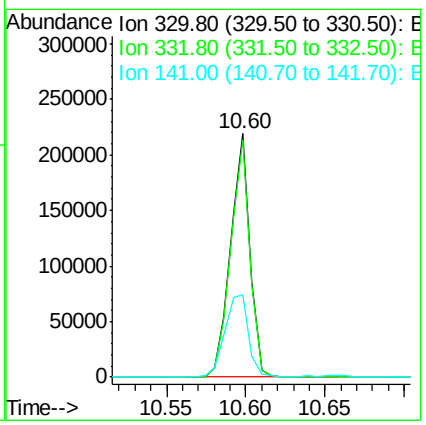


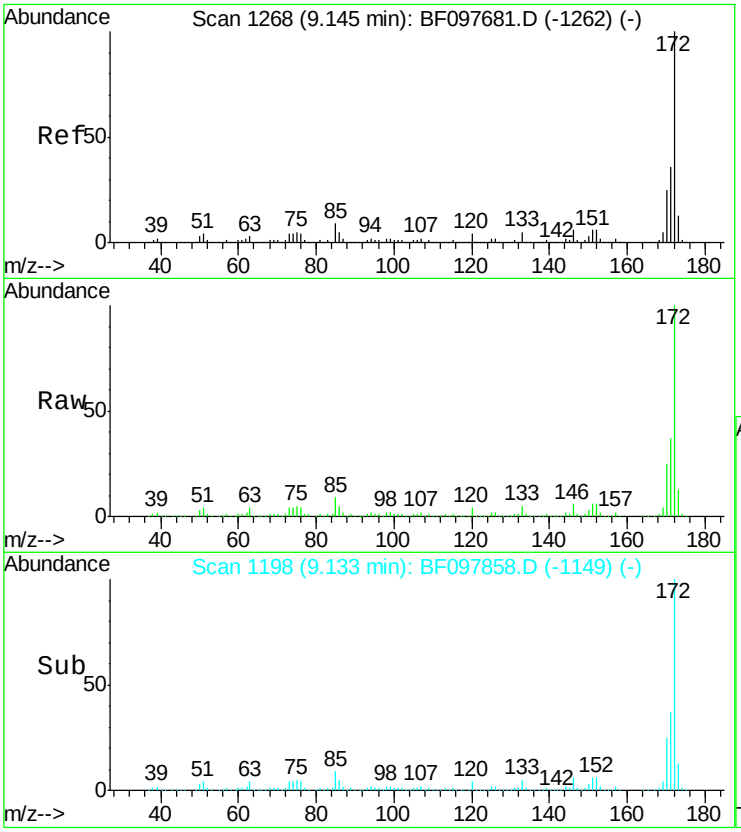


#41
2,4,6-Tribromophenol
Concen: 102.73 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:330 Resp: 186082

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.5	31.4	47.2



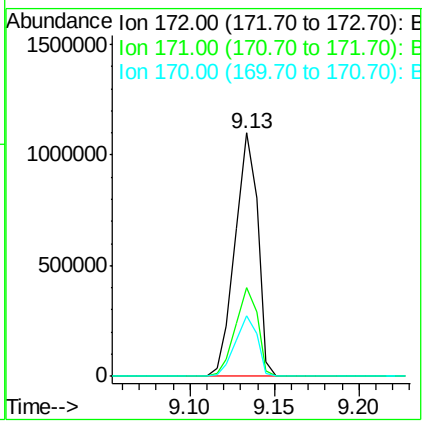


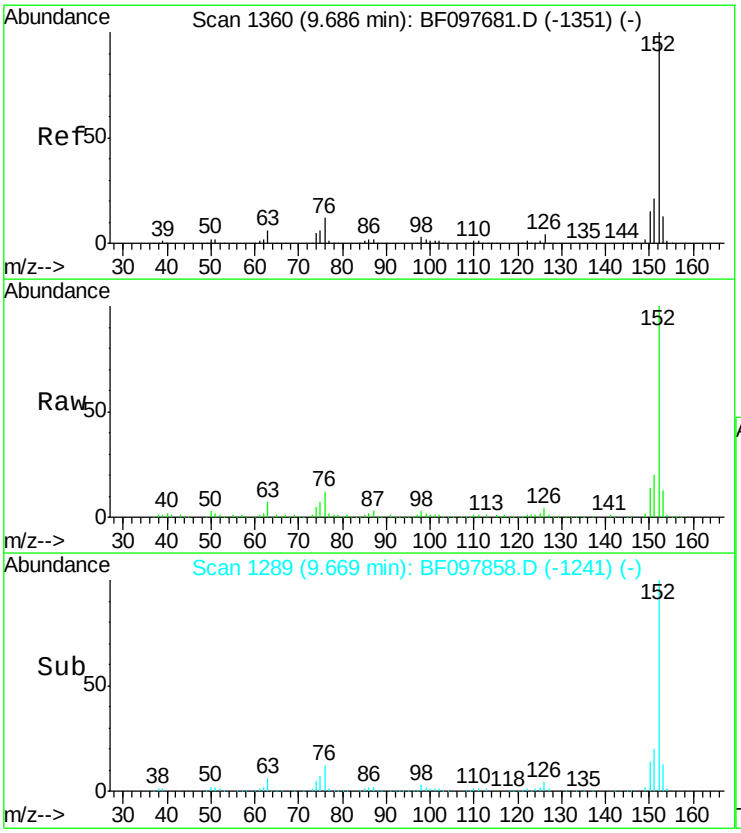
#44
2-Fluorobiphenyl
Concen: 72.52 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:172 Resp: 1030455

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.9	19.8	29.8

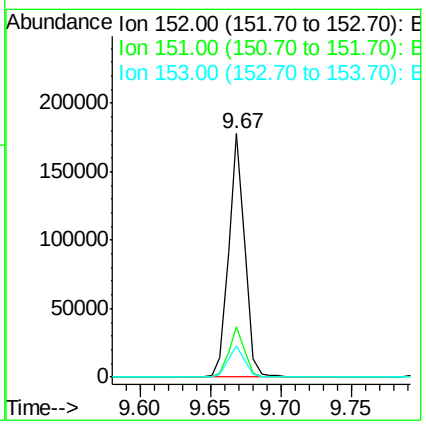


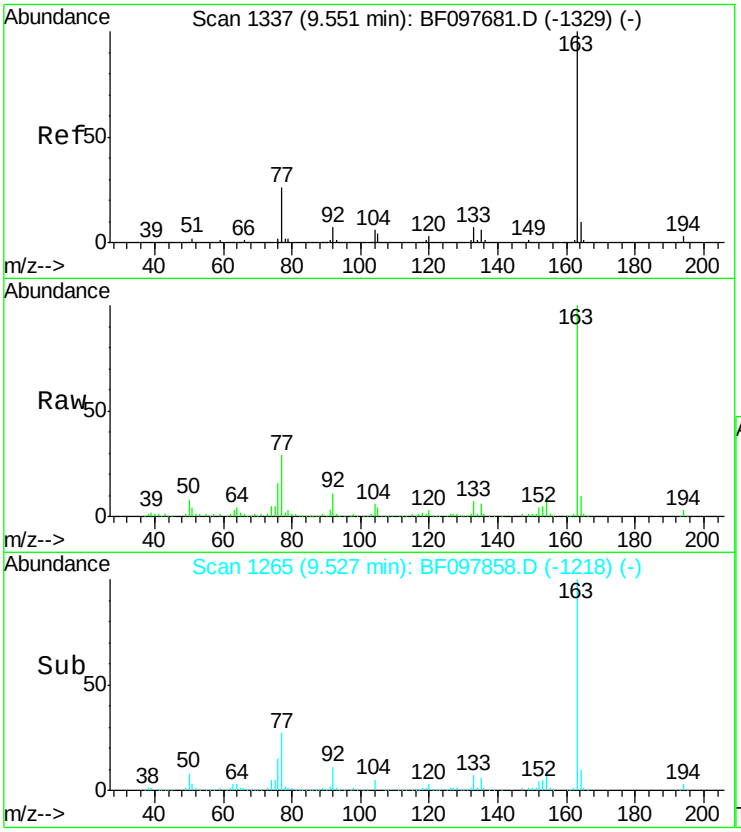


#48
Acenaphthylene
Concen: 6.35 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:152 Resp: 140191

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	12.9	10.8	16.2



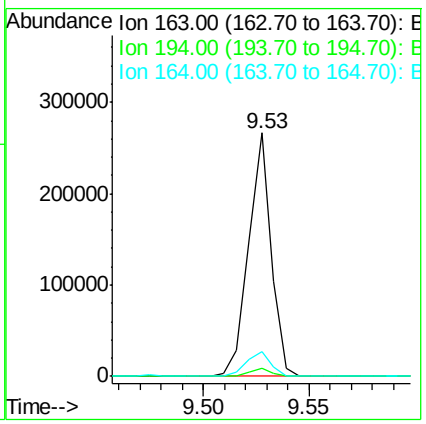


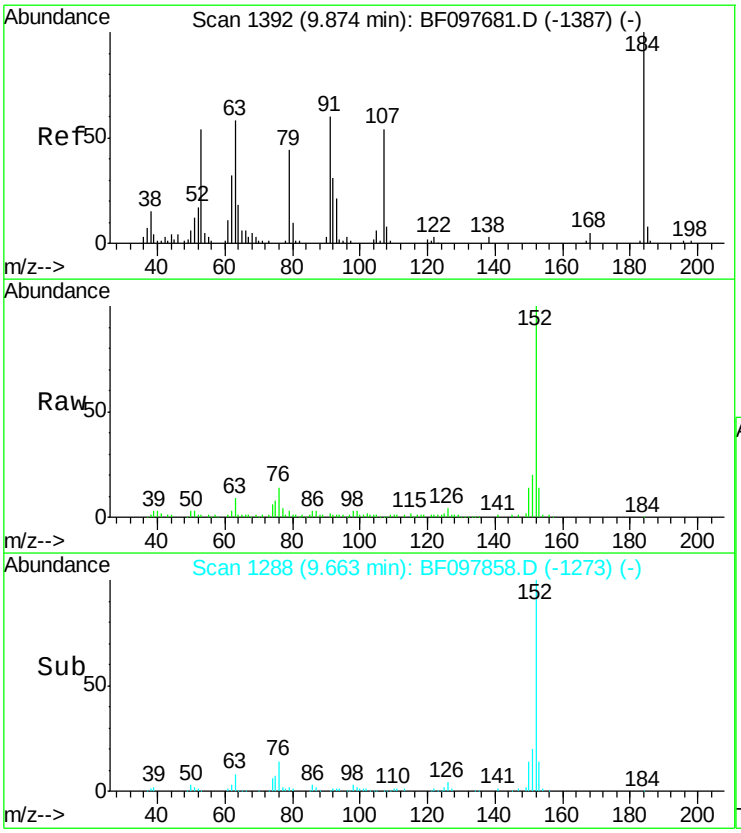
#49
Dimethylphthalate
Concen: 13.04 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:163 Resp: 199045

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6

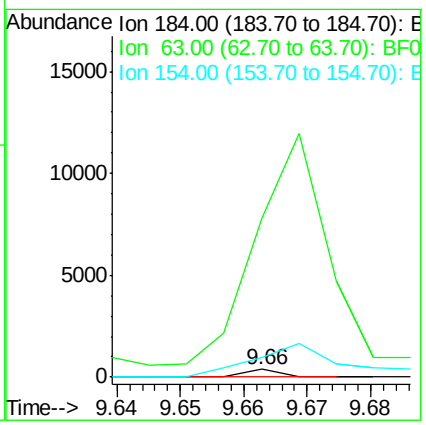


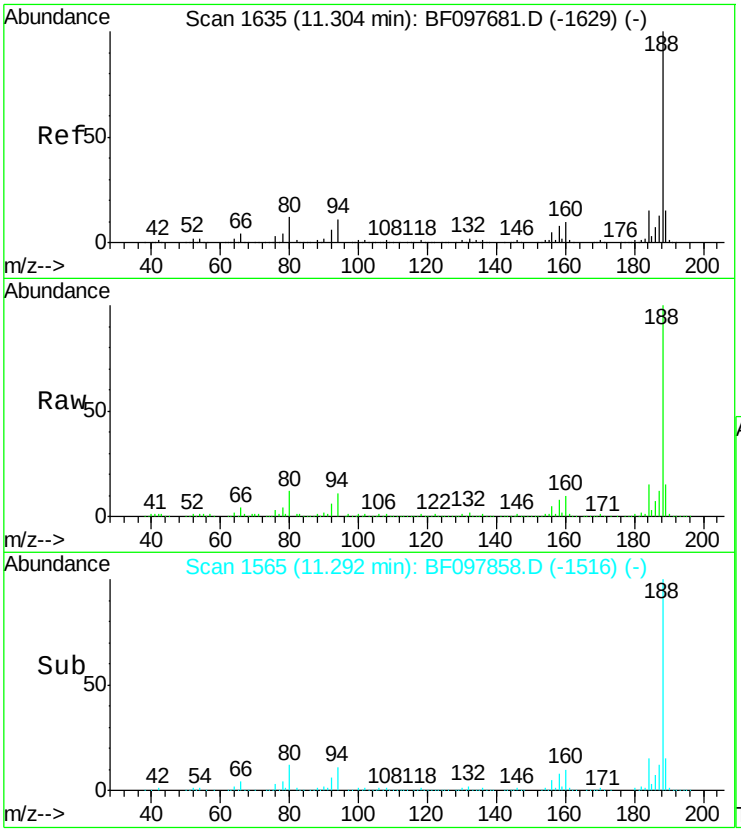


#53
2,4-Dinitrophenol
Concen: 10.22 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.21 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:184 Resp: 134

Ion	Ratio	Lower	Upper
184	100		
63	2062.8	62.7	94.1#
154	247.0	81.1	121.7#



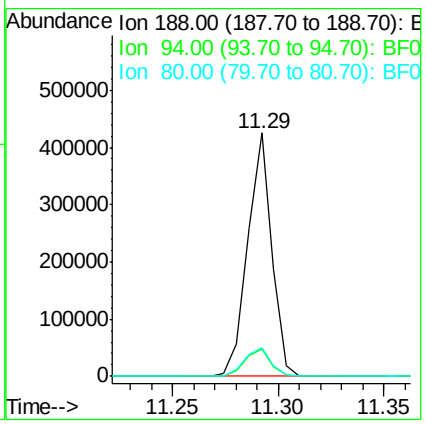


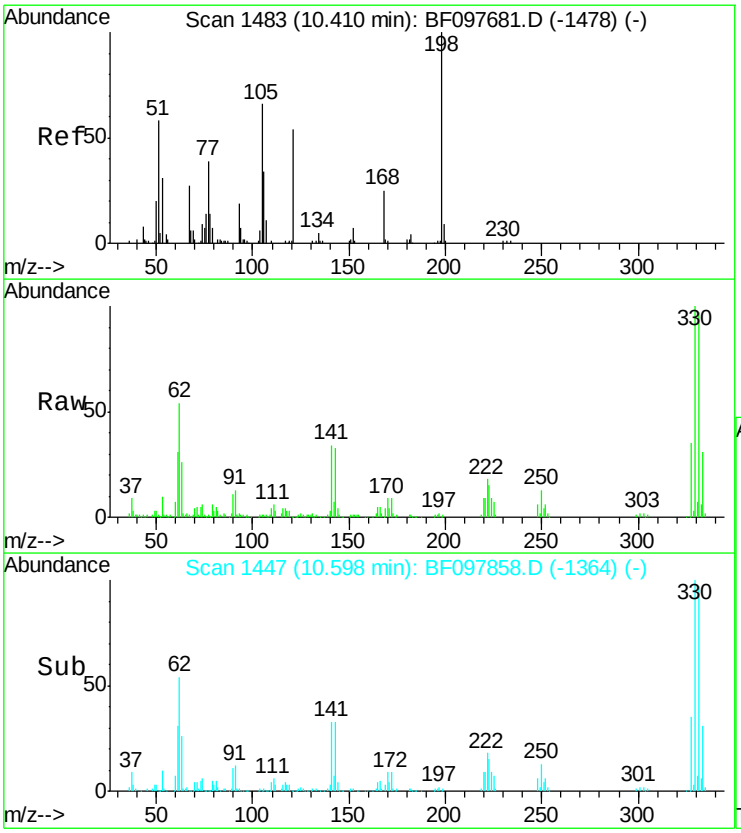
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:188 Resp: 337888

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.9	10.2	15.2

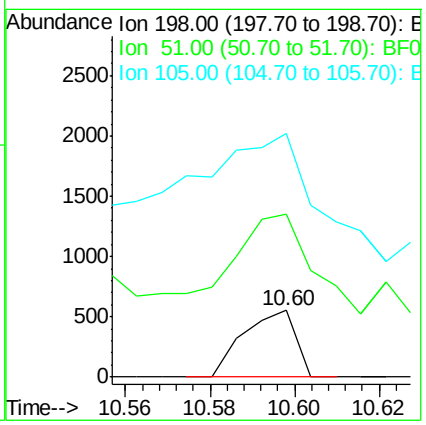


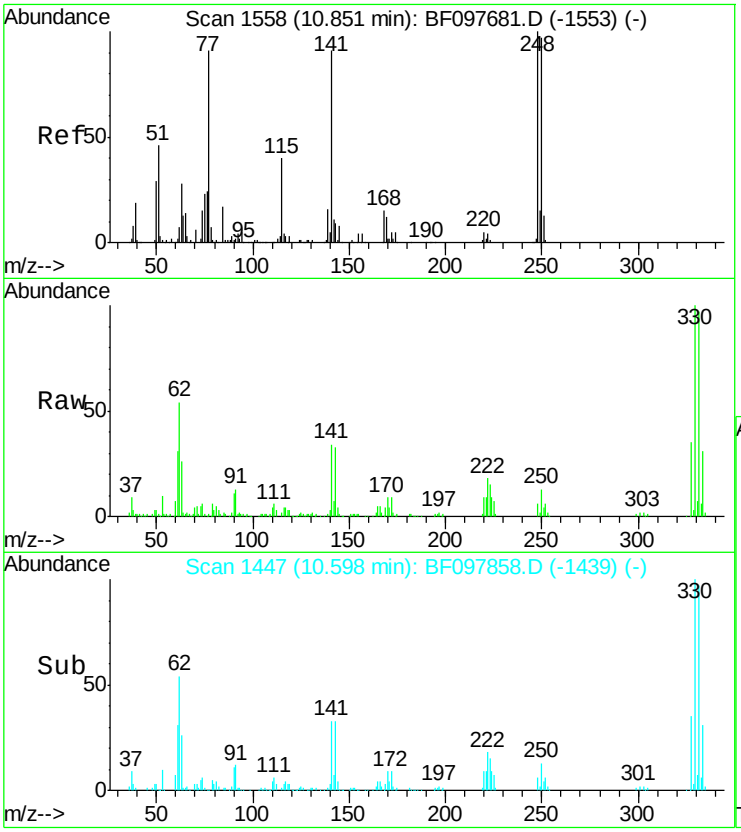


#64
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:198 Resp: 478

Ion	Ratio	Lower	Upper
198	100		
51	242.9	53.2	93.2#
105	364.0	45.8	85.8#



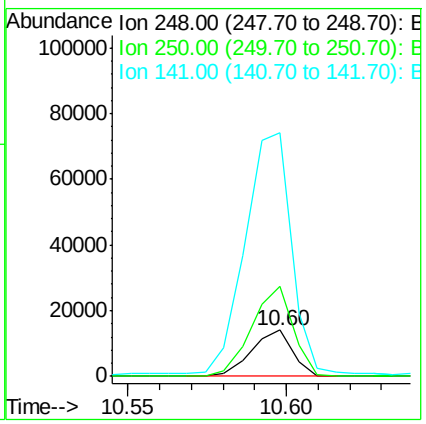


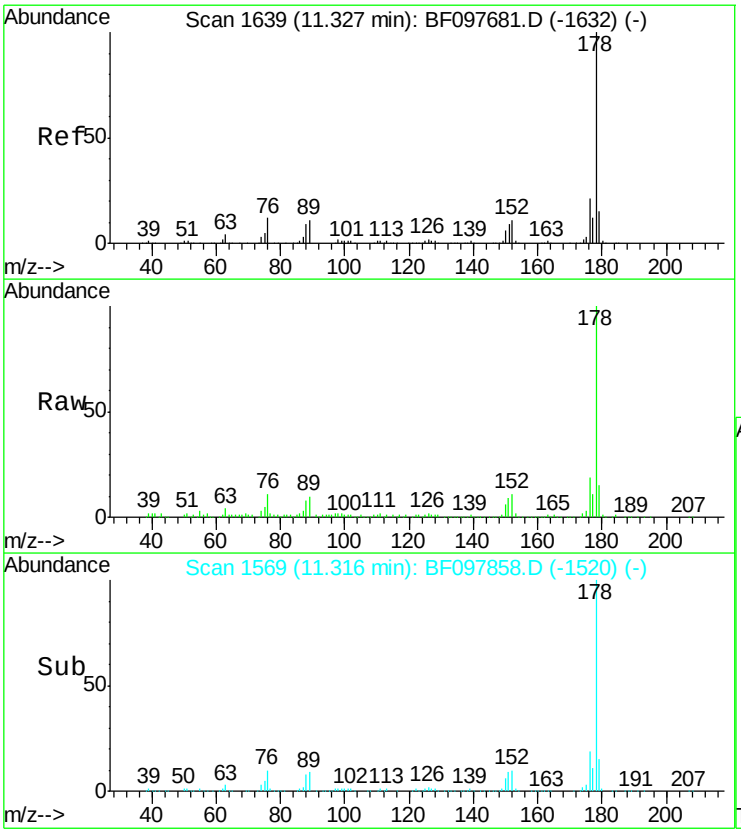
#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:248 Resp: 12622

Ion	Ratio	Lower	Upper
248	100		
250	193.8	76.8	115.2#
141	524.2	68.6	103.0#

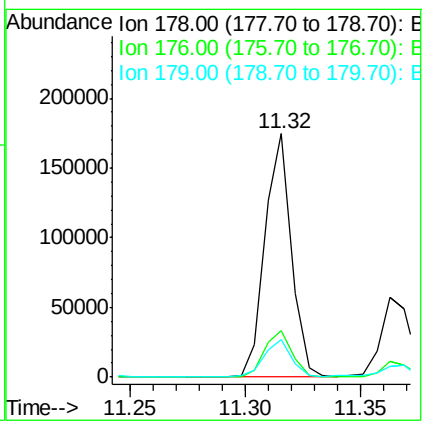


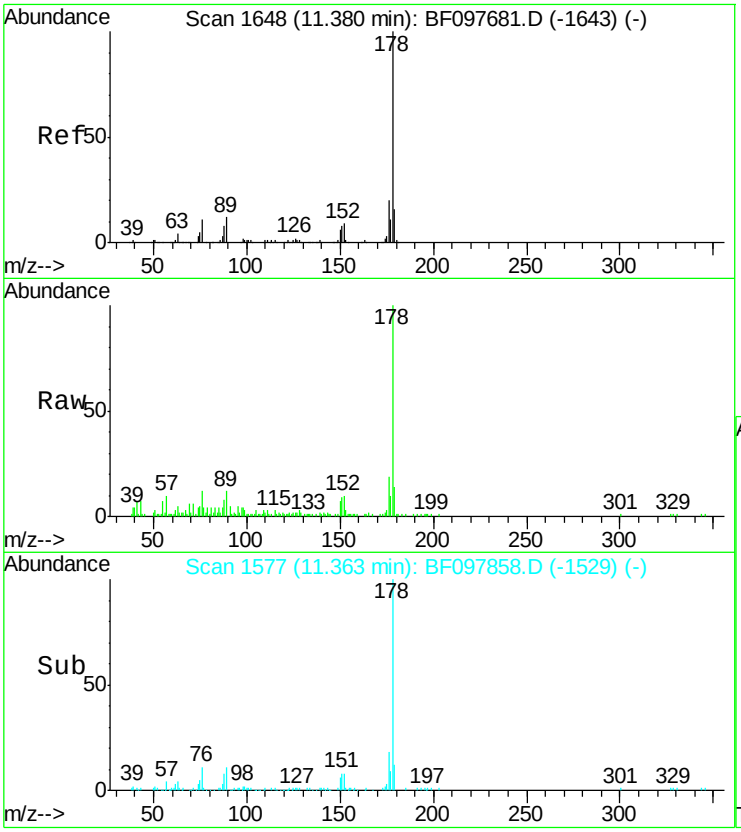


#70
Phenanthrene
Concen: 7.75 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:178 Resp: 139582

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.3	12.6	19.0



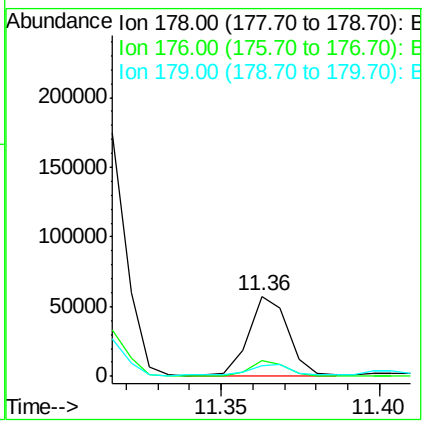


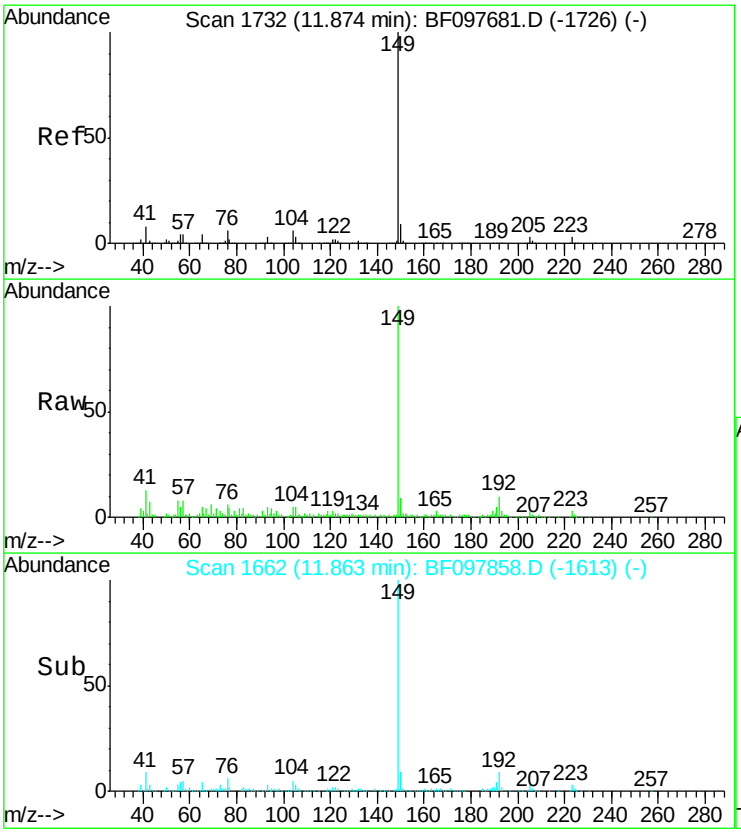
#71
Anthracene
Concen: 2.70 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:178 Resp: 49239

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.0	12.7	19.1

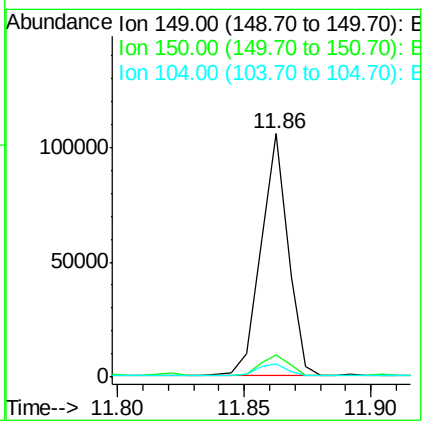


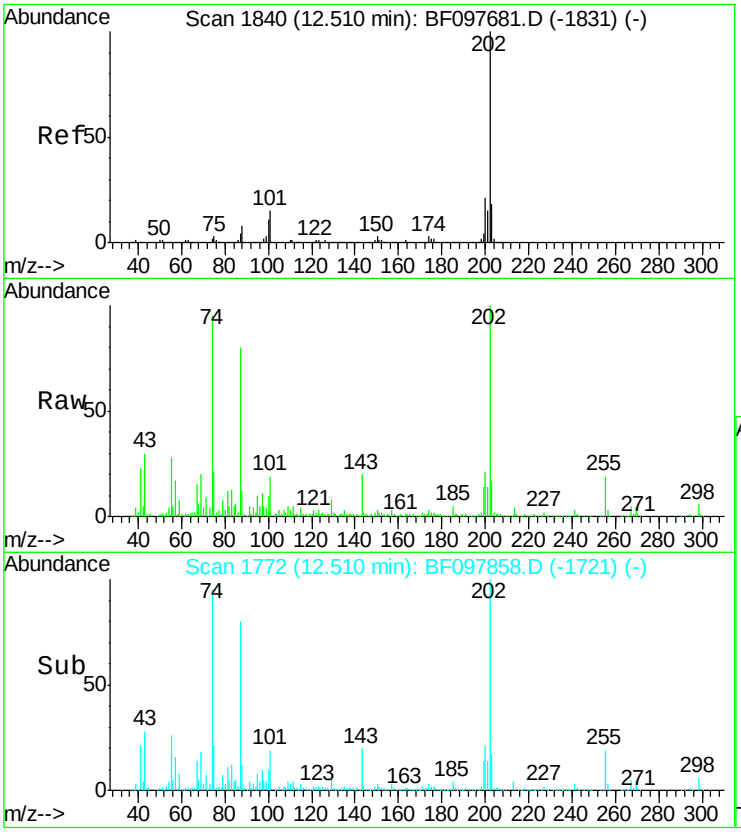


#73
Di-n-butylphthalate
Concen: 3.94 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:149 Resp: 78709

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	5.5	4.0	6.0



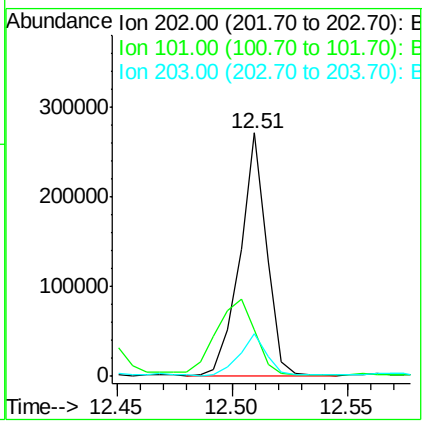


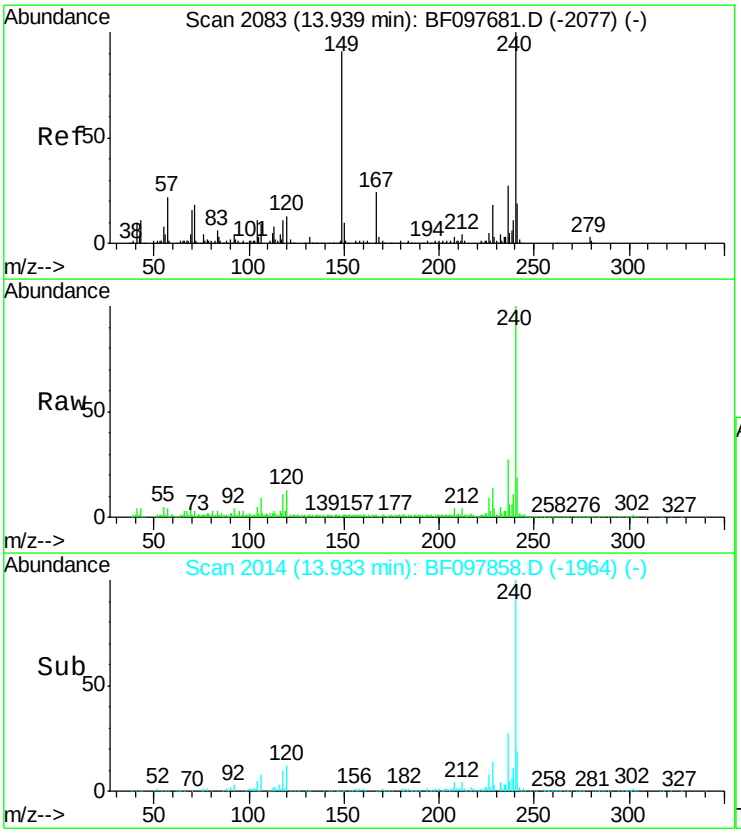
#74
Fluoranthene
Concen: 11.56 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:202 Resp: 217337

Ion	Ratio	Lower	Upper
202	100		
101	19.1	0.0	33.2
203	17.4	0.0	38.1

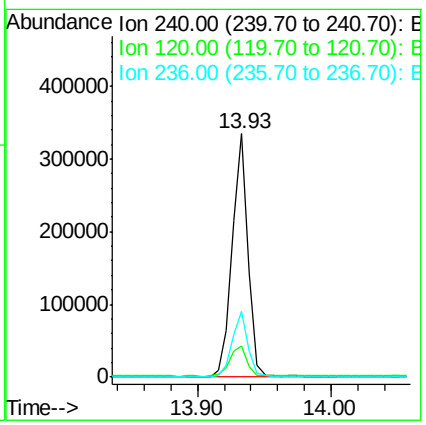


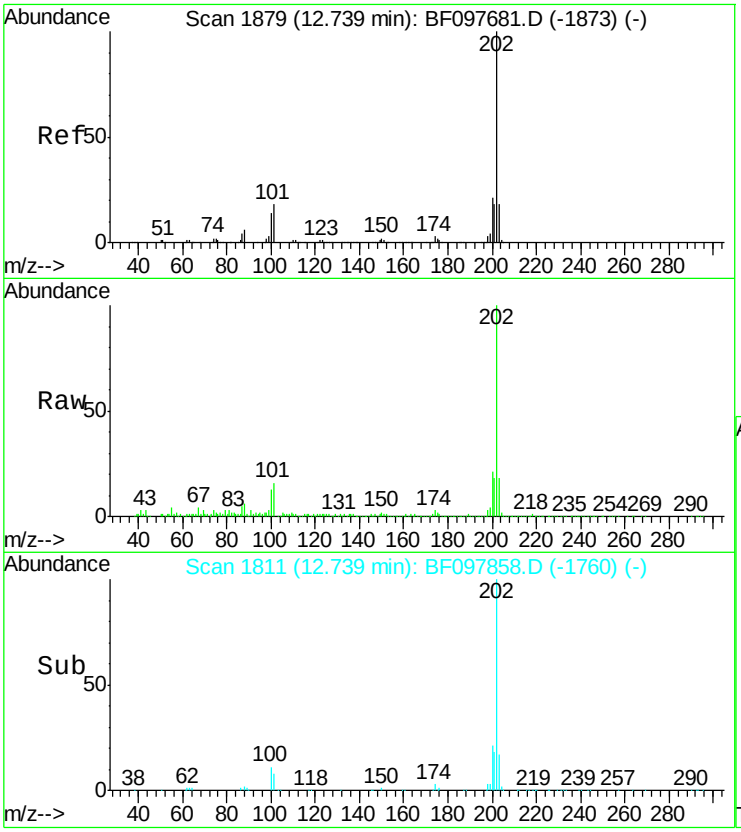


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:240 Resp: 277611

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	26.8	20.5	30.7



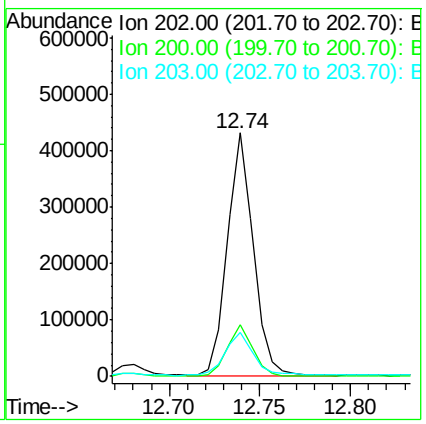


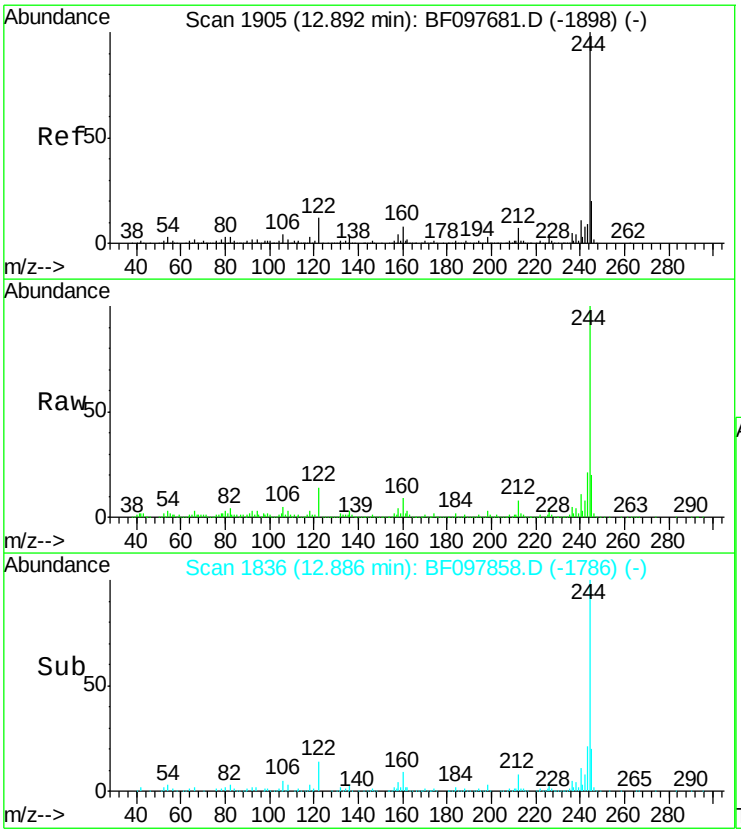
#77
Pyrene
Concen: 18.84 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:202 Resp: 427702

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.9	14.4	21.6

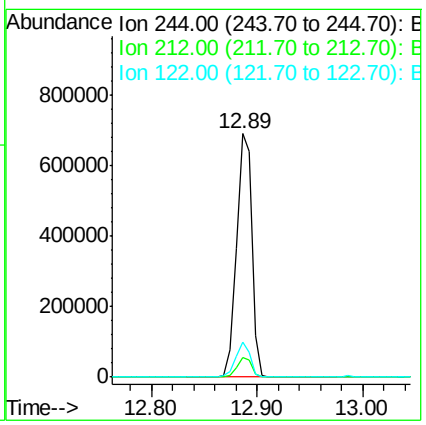


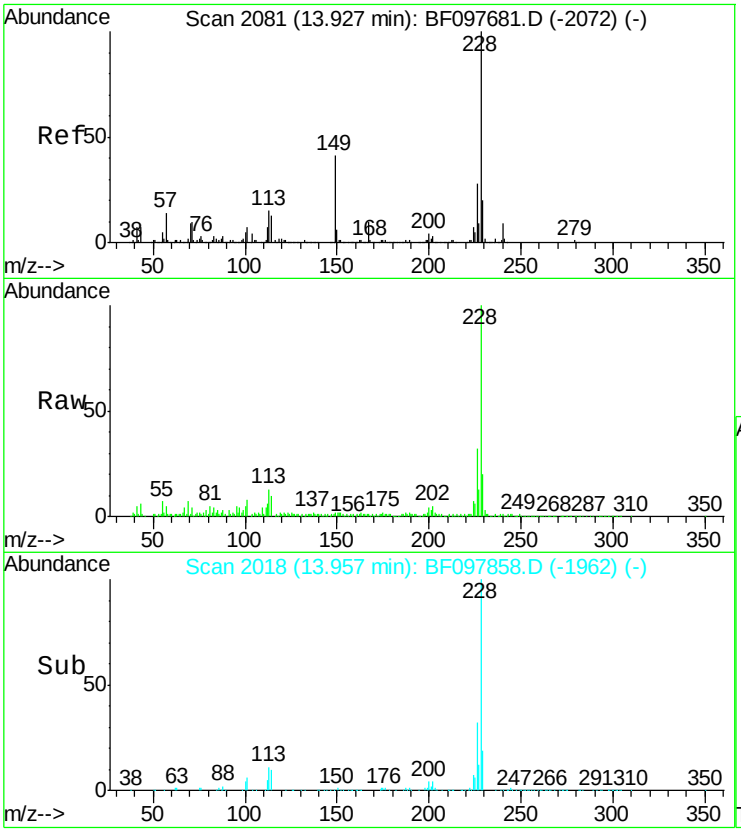


#78
Terphenyl-d14
Concen: 50.87 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:244 Resp: 677214

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	14.3	10.3	15.5



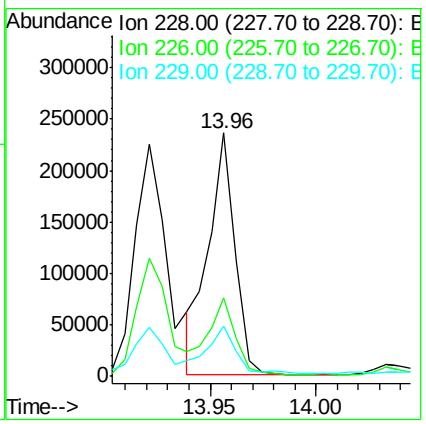


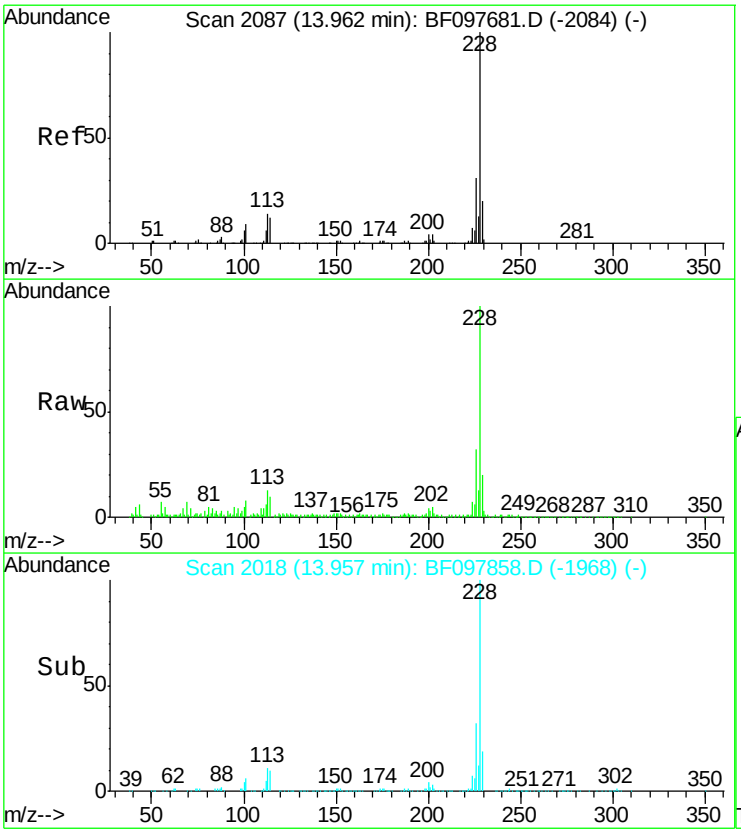
#80
Benzo(a)anthracene
Concen: 12.45 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.03 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:228 Resp: 207161

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.6	33.8
229	20.5	16.3	24.5

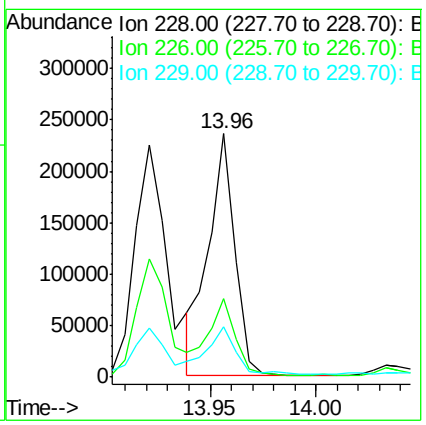


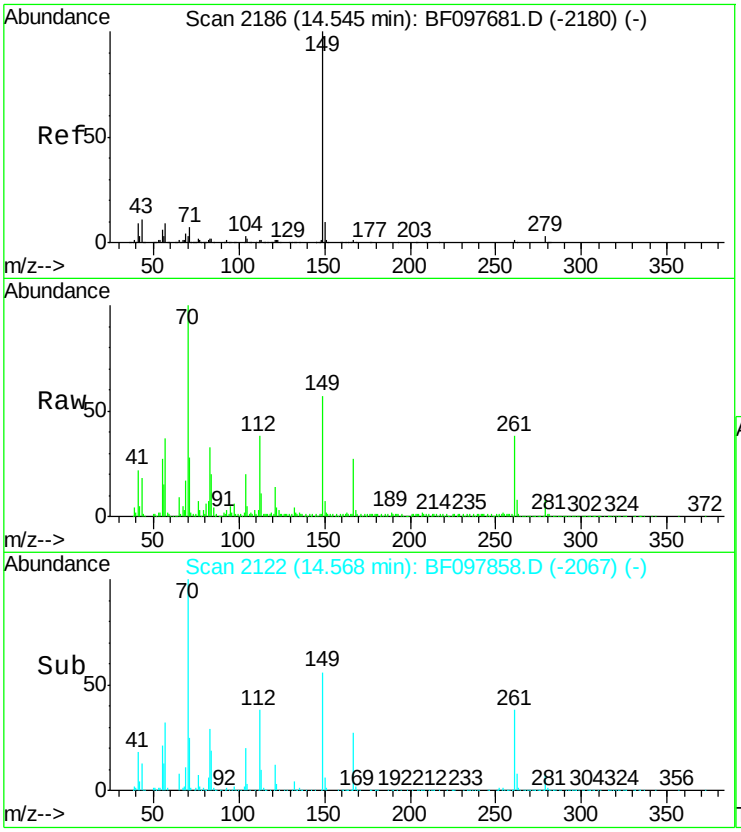


#82
Chrysene
Concen: 12.52 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:228 Resp: 207161

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.5	15.8	23.6



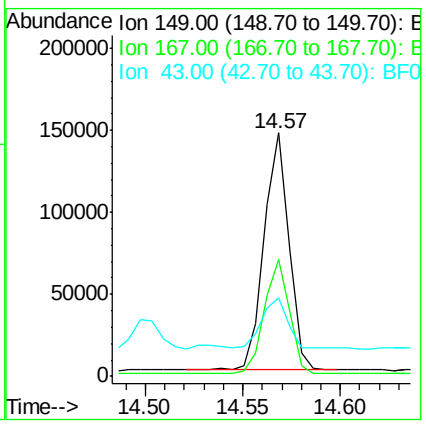


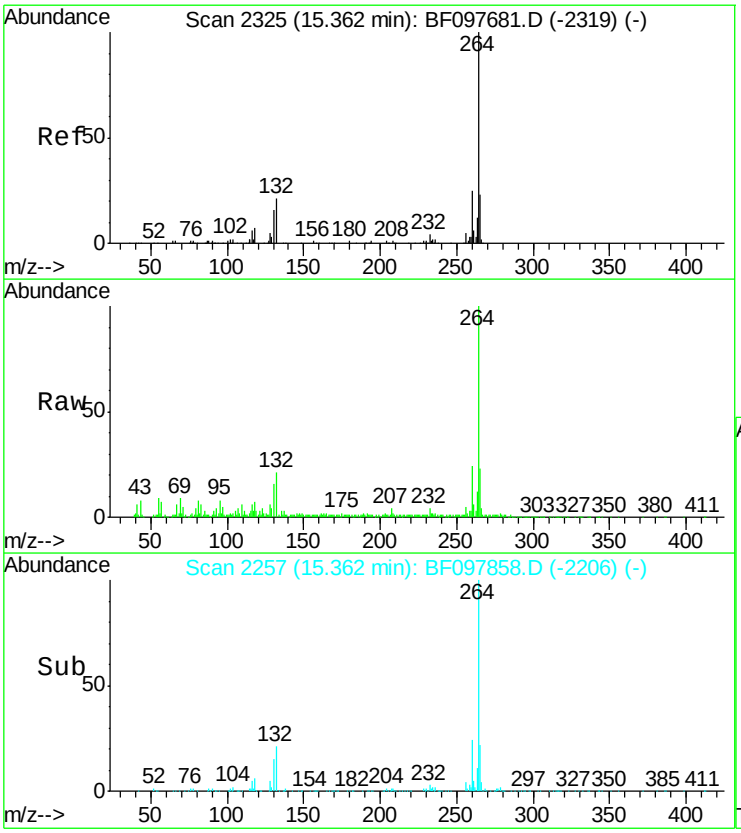
#84
Di-n-octyl phthalate
Concen: 7.61 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.02 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:149 Resp: 127739

Ion	Ratio	Lower	Upper
149	100		
167	48.2	1.2	1.8#
43	22.1	8.5	12.7#

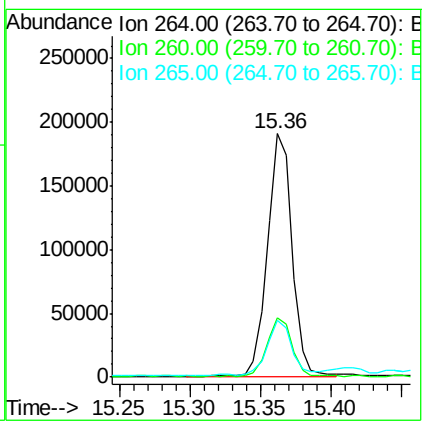


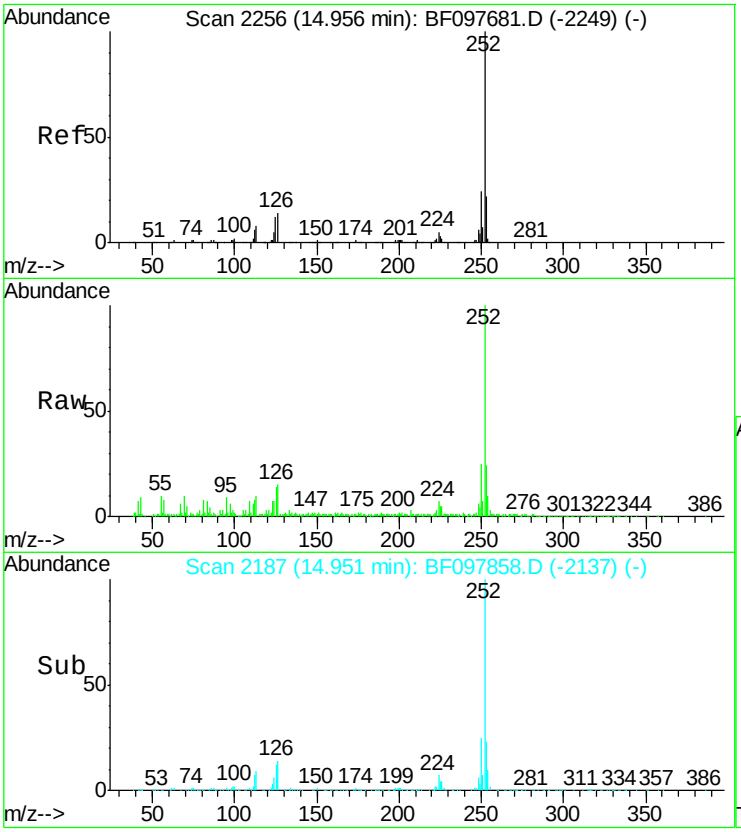


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:264 Resp: 232799

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	23.1	17.2	25.8



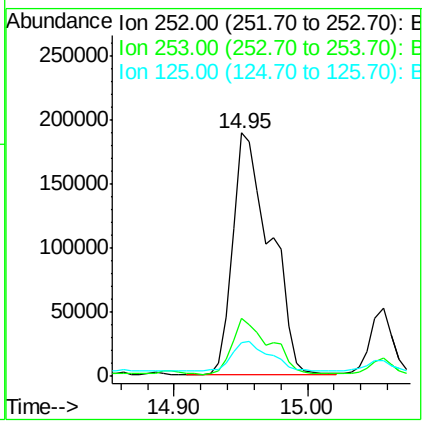


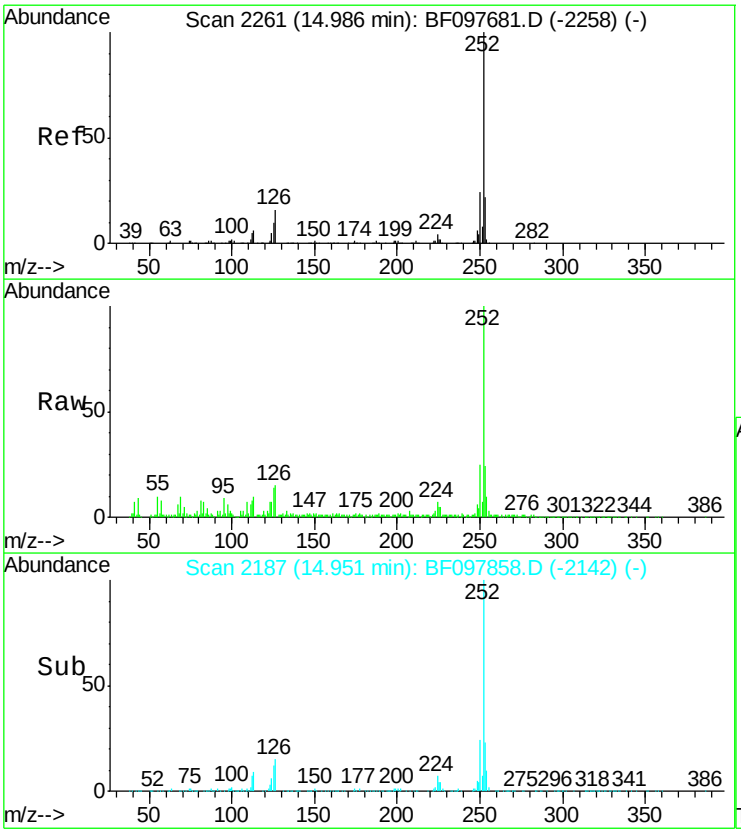
#87
Benzo(b)fluoranthene
Concen: 25.11 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:252 Resp: 368415

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	13.8	9.8	14.8

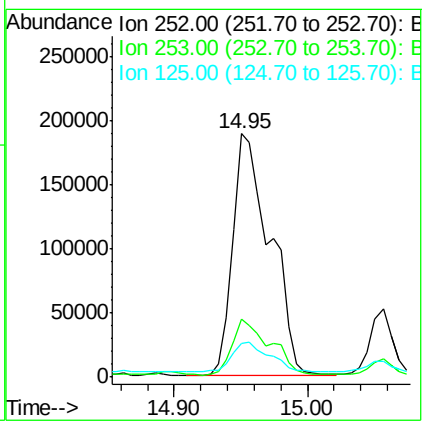


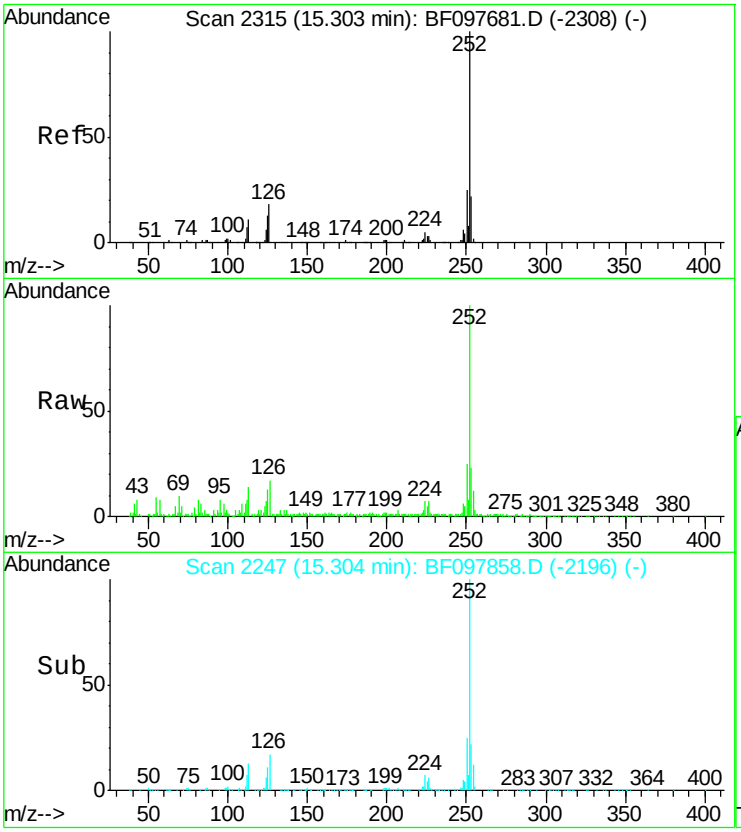


#88
Benzo(k)fluoranthene
Concen: 26.72 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.04 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:252 Resp: 368415

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	13.8	13.1	19.7



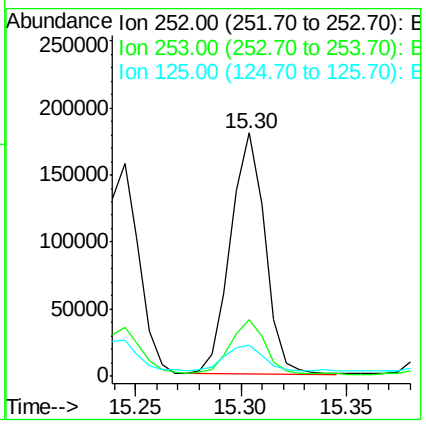


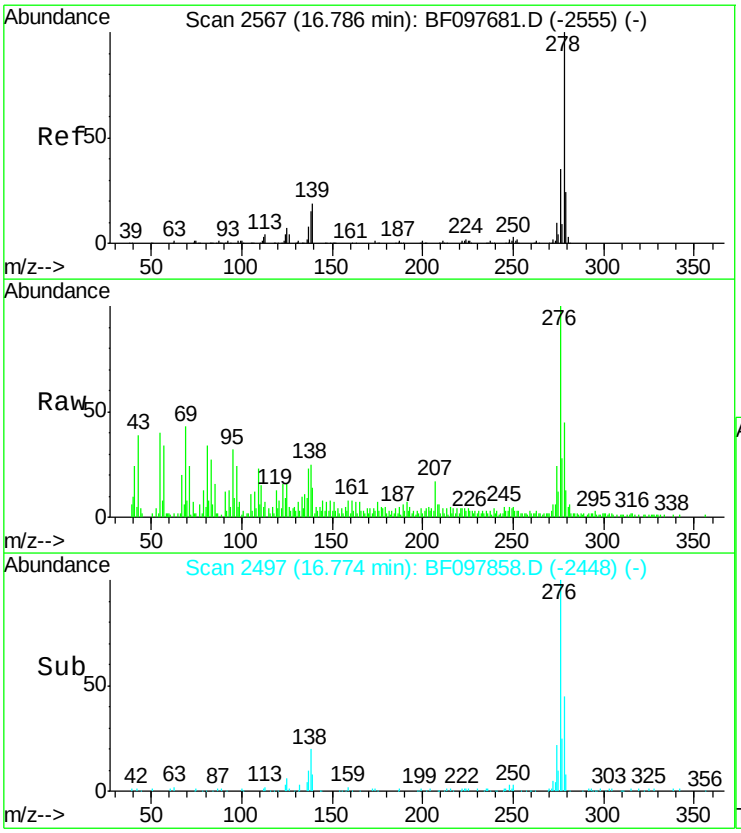
#89
Benzo(a)pyrene
Concen: 15.61 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:252 Resp: 202753

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	13.0	11.0	16.4

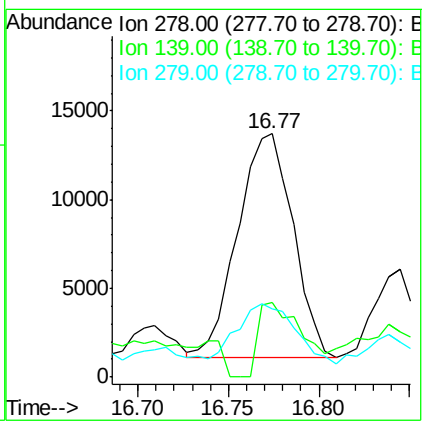


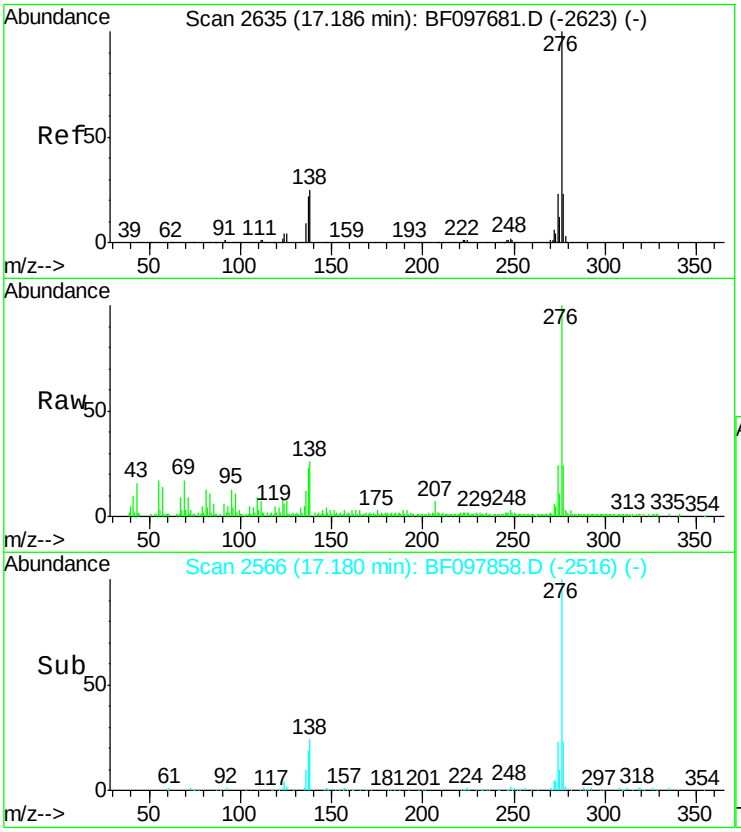


#90
Dibenzo(a,h)anthracene
Concen: 2.51 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Tgt Ion:278 Resp: 26583

Ion	Ratio	Lower	Upper
278	100		
139	30.6	16.6	24.8#
279	27.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 11.69 ng
RT: 17.18 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BF097858.D
Acq: 19 Aug 2017 3:11

Instrument :
BNA_F
ClientSampleId :
HY-SB439

Tgt Ion:276 Resp: 128970

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	25.7	25.4	38.0