Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP10-WC1

Quant Time: Sep 07 03:37:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	102172	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	404273	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	177909	20.00	ng		-0.01
63) Phenanthrene-d10	11.22	188	283975	20.00	ng		0.00
75) Chrysene-d12	13.85	240	203673	20.00	ng		-0.01
86) Perylene-d12	15.26	264	189911	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	672104	100.06	ng		0.00
7) Phenol-d6	6.34	99	915017	100.26	ng		-0.01
23) Nitrobenzene-d5	7.26	82	552234	74.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	145514	94.27	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	705823	58.29	ng		-0.01
78) Terphenyl-d14	12.80	244	426330	43.65	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	3.05	79	21910	2.12	ng	#	39
18) Hexachloroethane	7.20	117	12979	4.27	ng	#	1
25) Isophorone	7.26	82	551267	35.62	ng	#	67
26) 2-Nitrophenol	7.65	139	133	5.30	ng	#	1
31) Naphthalene	8.00	128	48288	2.30	ng		99
32) Benzoic acid	7.77	122	1216	6.63	ng	#	1
37) 2-Methylnaphthalene	8.69	142	28820	2.24	ng	#	75
48) Acenaphthylene	9.59	152	56236	2.99	ng		98
49) Dimethylphthalate	9.45	163	50098	3.85	ng		97
51) Acenaphthene	9.76	154	63093	5.31	ng		96
53) 2,4-Dinitrophenol	9.78	184	345	10.39	ng	#	1
54) Dibenzofuran	9.93	168	41854	2.63	ng	#	97
57) Fluorene	10.27	166	78190	6.36	ng		98
64) 4,6-Dinitro-2-methylphenol	10.20	198	132	8.40	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	9837	3.34	ng	#	1
70) Phenanthrene	11.24	178	860066	56.84	ng		99
71) Anthracene	11.29	178	236330	15.40	ng		99
72) Carbazole	11.45	167	80809	5.55	ng		97
74) Fluoranthene	12.43	202	1184119	74.97	ng		99
77) Pyrene	12.66	202	1143721	68.66	ng		98
80) Benzo(a)anthracene	13.84	228	585614	47.97	ng		98
82) Chrysene	13.88	228	545030	44.88	ng		98
85) Indeno(1,2,3-cd)pyrene	16.47	276	45101	5.05	ng		99
87) Benzo(b)fluoranthene	14.87	252	833968	69.67	ng		97
88) Benzo(k)fluoranthene	14.87	252	833968	74.15	ng		98
89) Benzo(a)pyrene	15.21	252	466799	44.05	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	61749	7.16	ng	#	90
91) Benzo(g,h,i)perylene	17.03	276	221333	24.59	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP10-WC1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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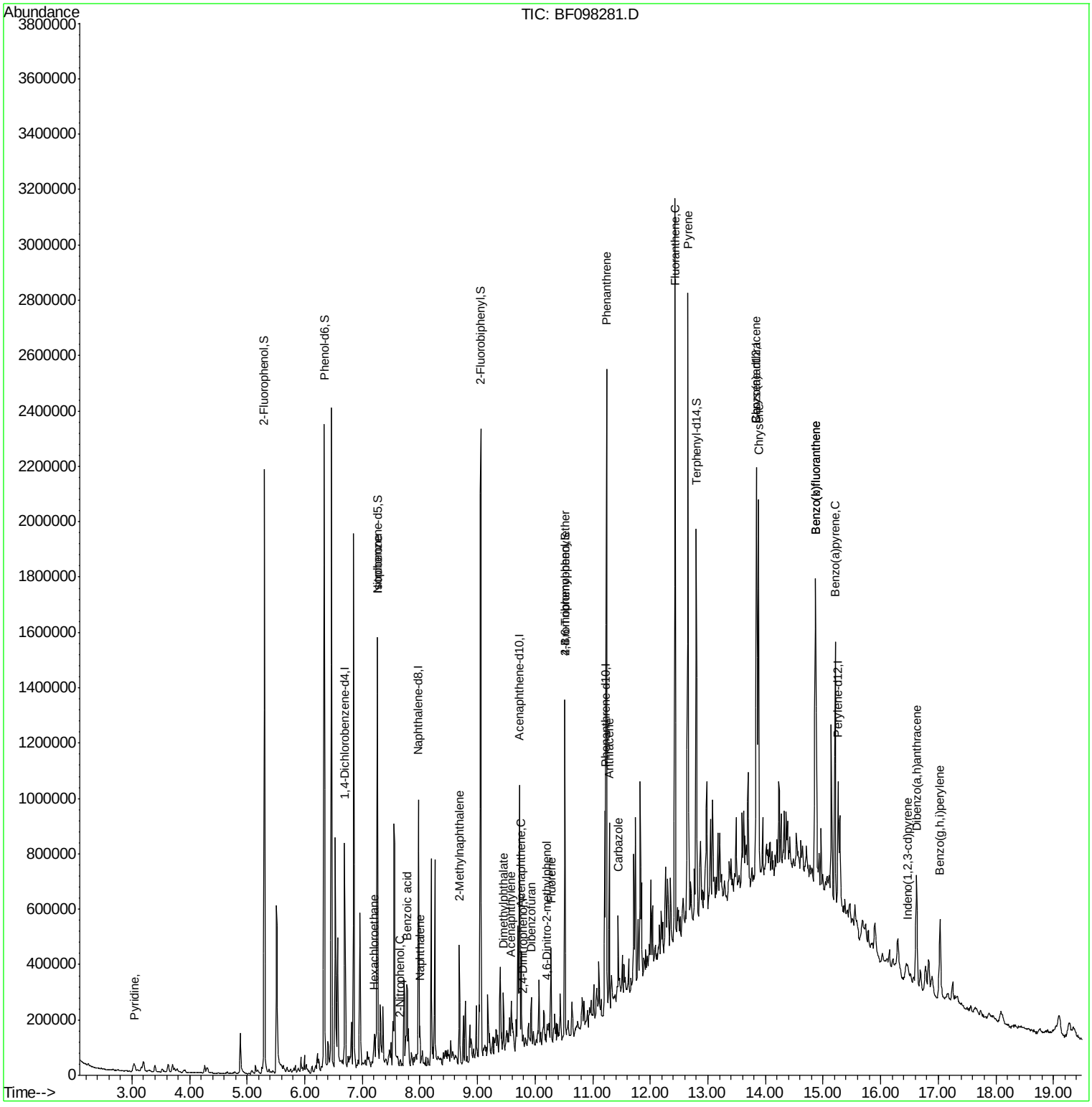
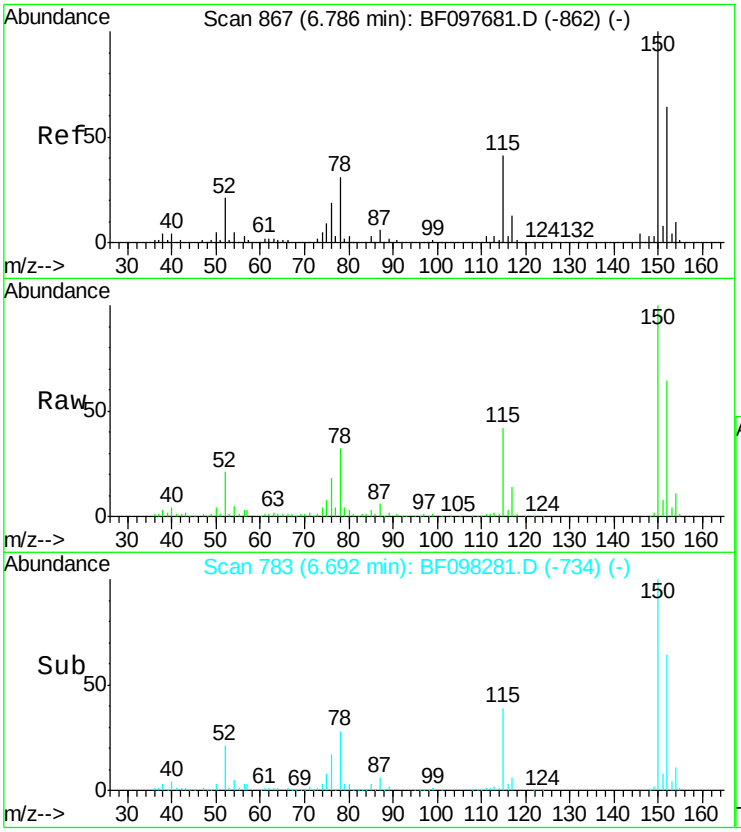


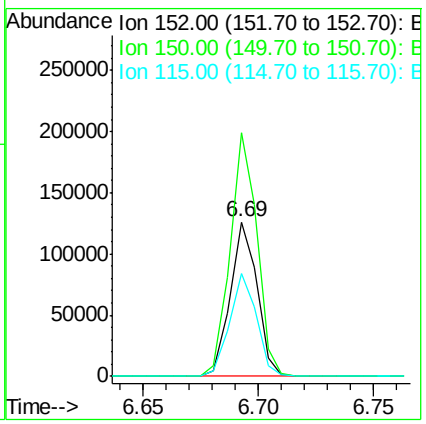


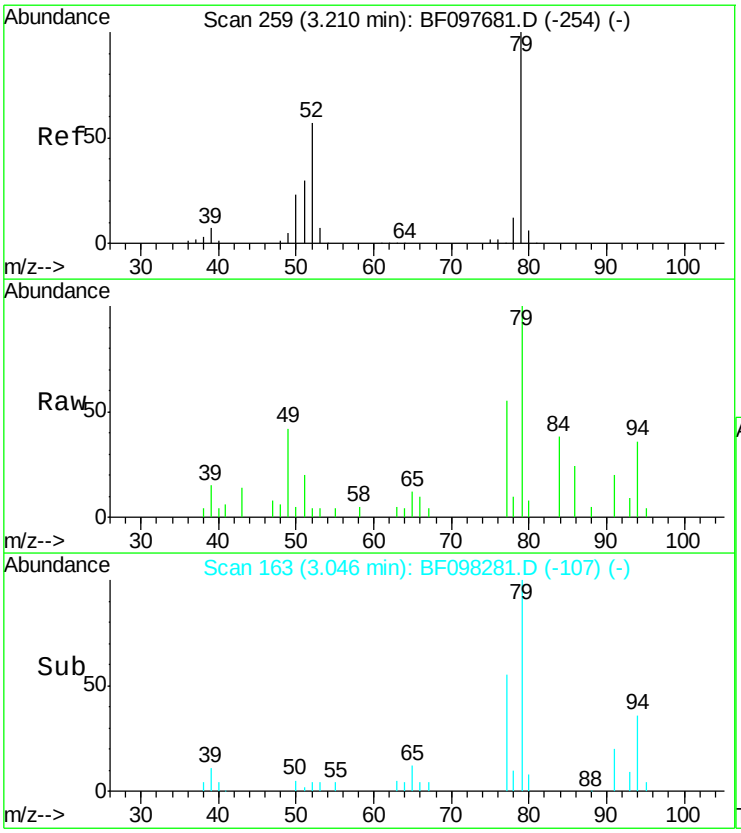
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:152 Resp: 102172

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	66.6	52.2	78.2

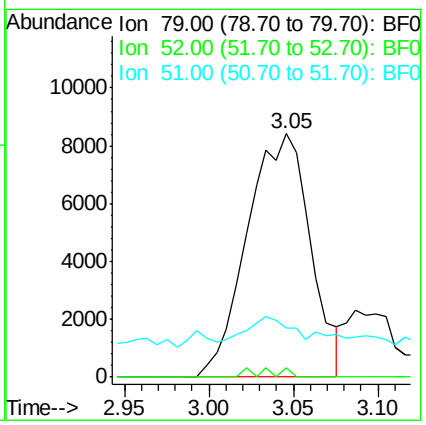


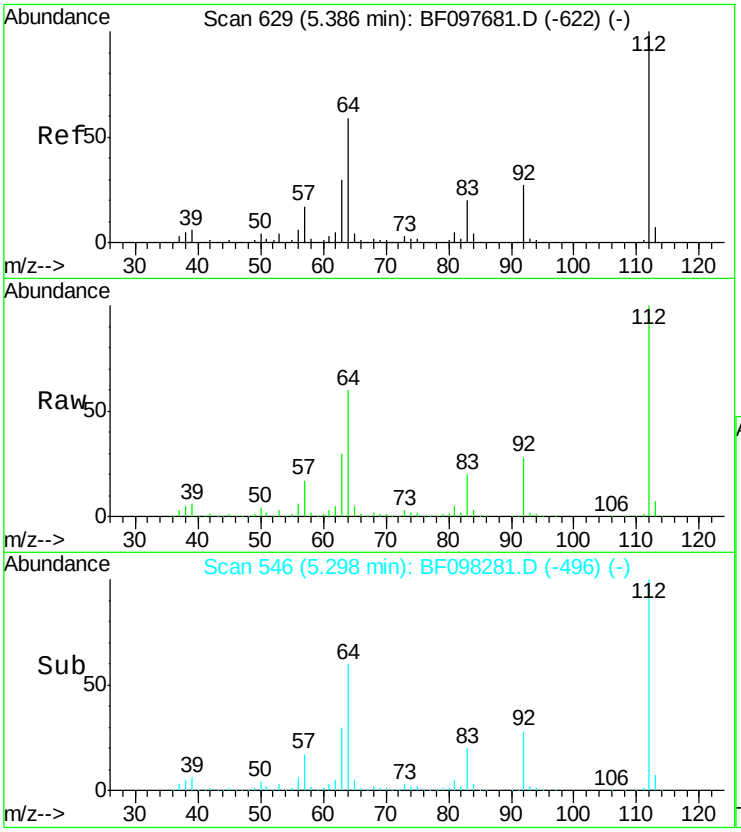


#3
Pyridine
Concen: 2.12 ng
RT: 3.05 min Scan# 163
Delta R.T. 0.03 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion: 79 Resp: 21910

Ion	Ratio	Lower	Upper
79	100		
52	4.1	54.8	82.2#
51	19.9	27.0	40.4#



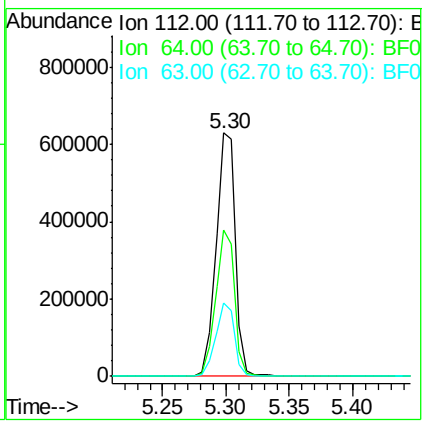


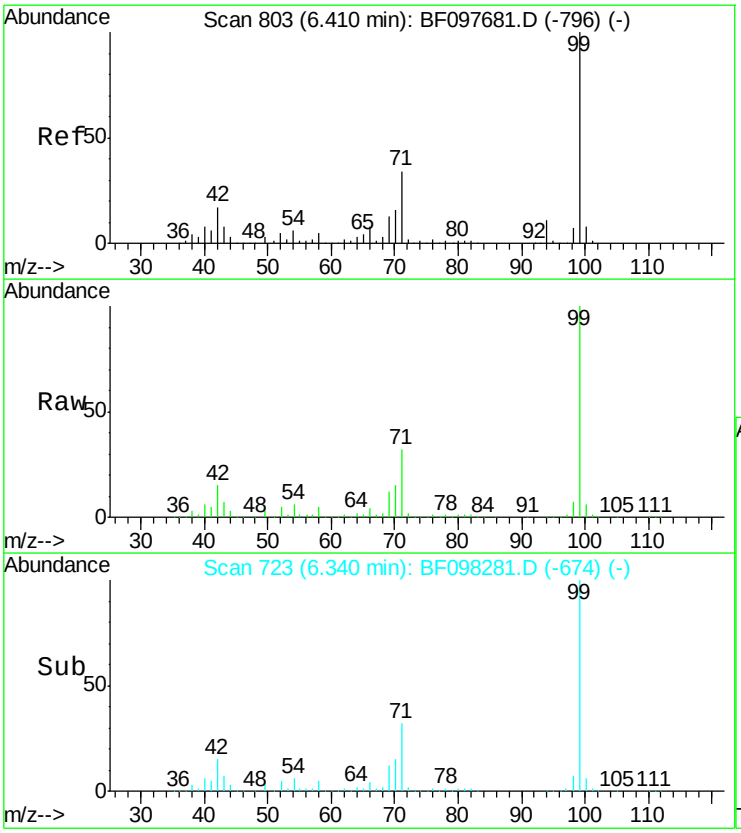
#5
2-Fluorophenol
Concen: 100.06 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:112 Resp: 672104

Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.0	69.0
63	30.4	23.4	35.0

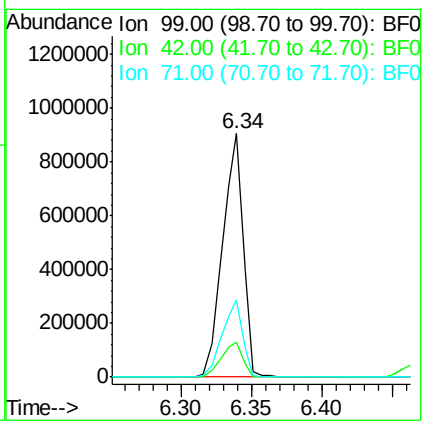


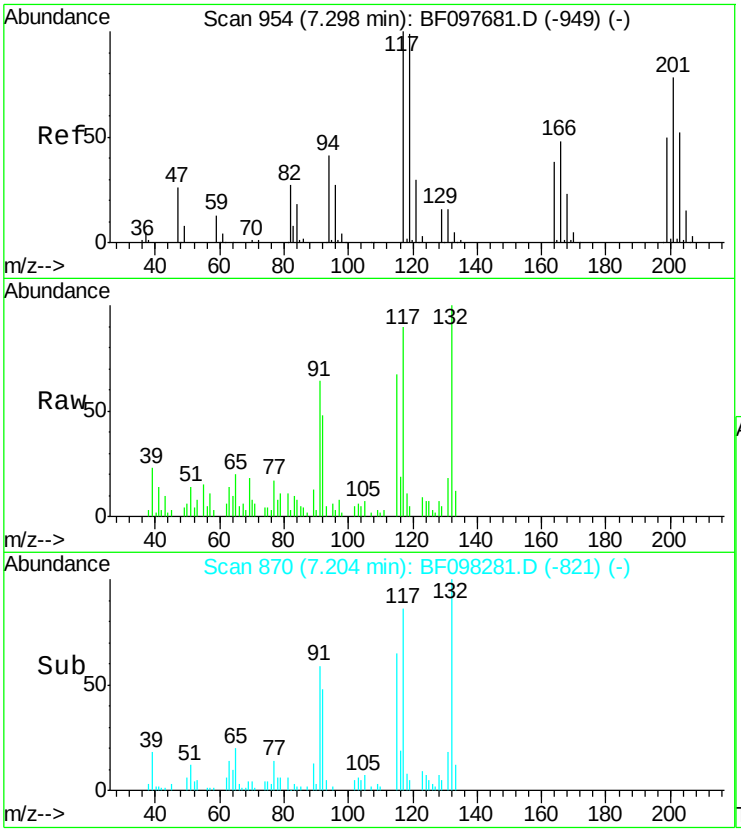


#7
Phenol-d6
Concen: 100.26 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion: 99 Resp: 915017

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	31.7	24.5	36.7



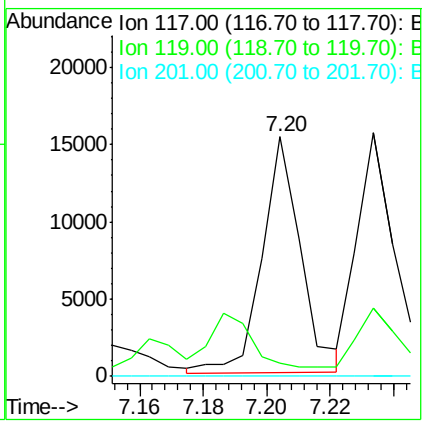


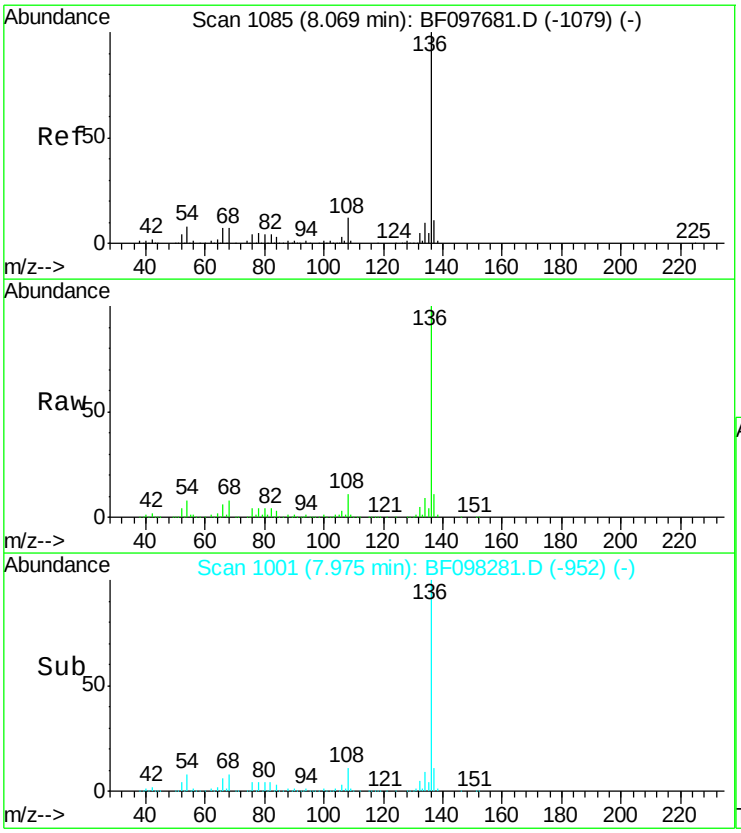
#18
Hexachloroethane
Concen: 4.27 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:117 Resp: 12979

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.4	116.0#
201	0.0	94.6	141.8#

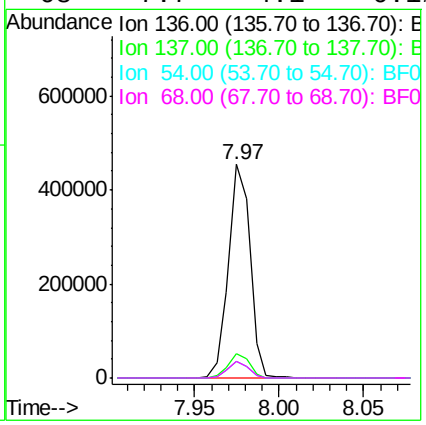


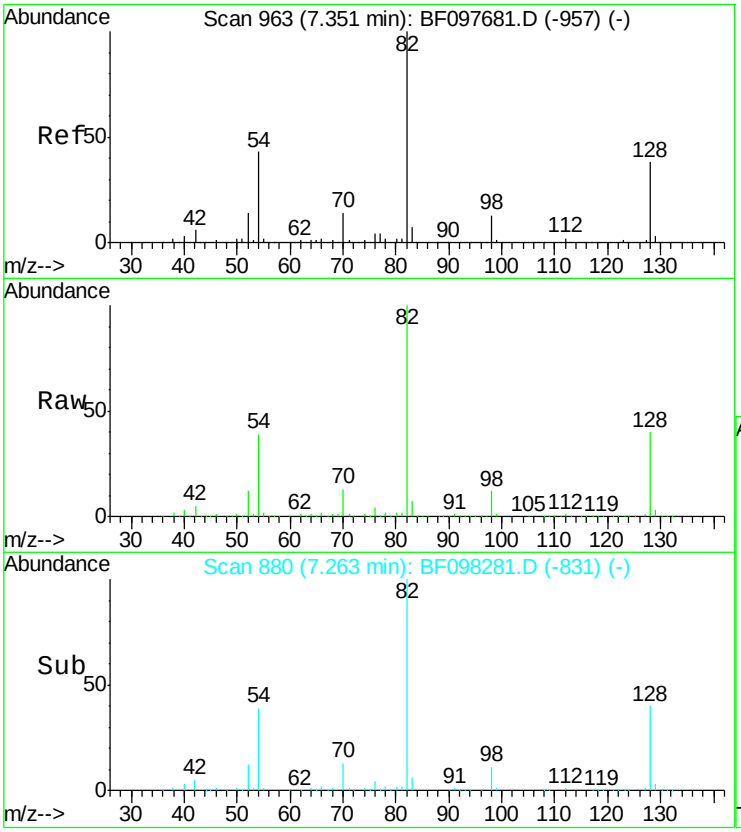


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:136 Resp: 404273

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.9	4.9	7.3#
68	7.7	4.1	6.1#



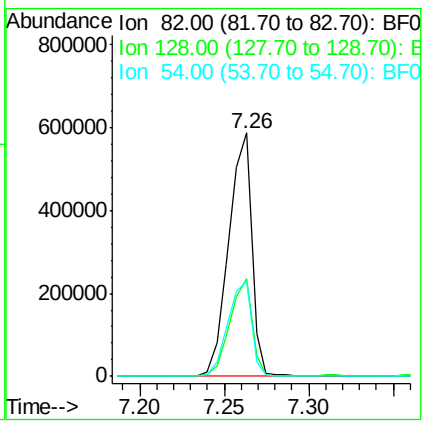


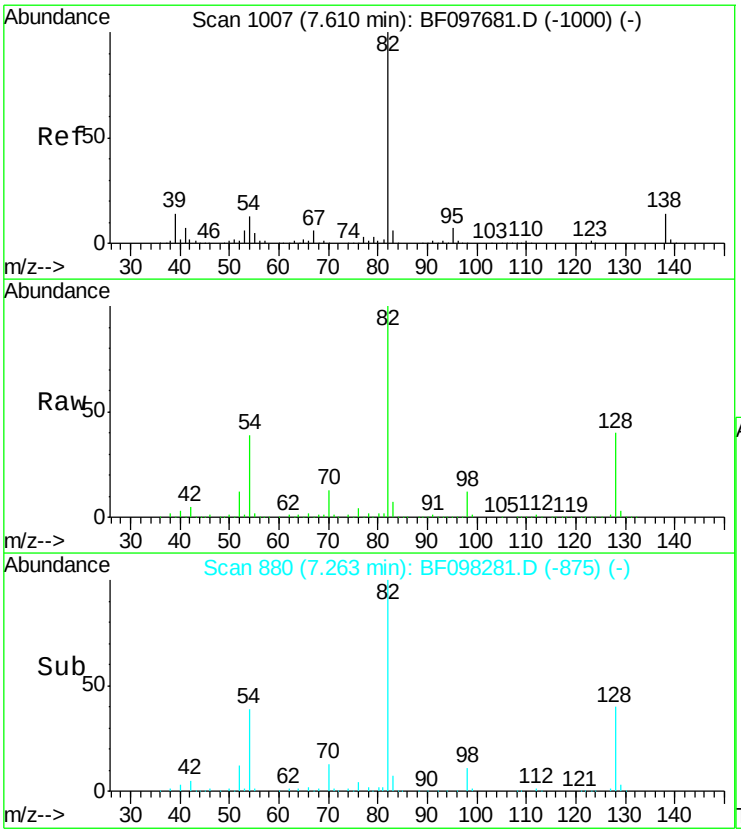
#23
Nitrobenzene-d5
Concen: 74.21 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion: 82 Resp: 552234

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.0	51.0
54	39.1	42.2	63.2#

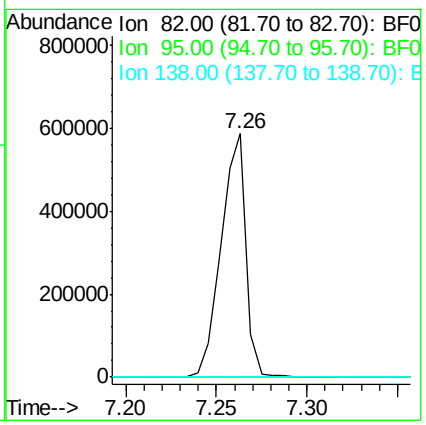


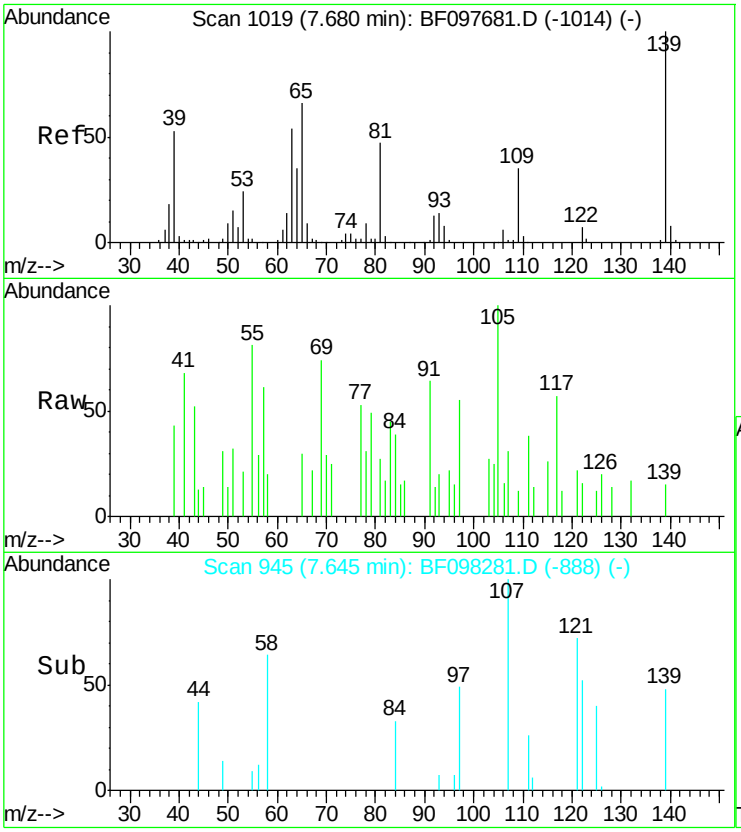


#25
Isophorone
Concen: 35.62 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion: 82 Resp: 551267

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.3	7.9#
138	0.0	13.1	19.7#



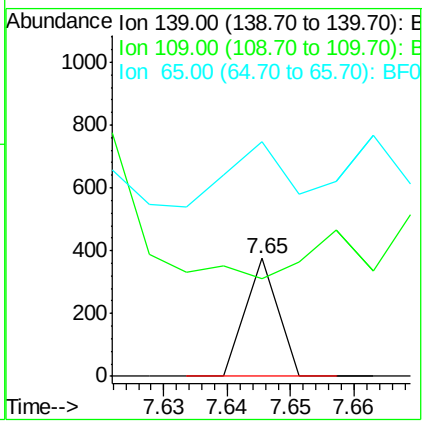


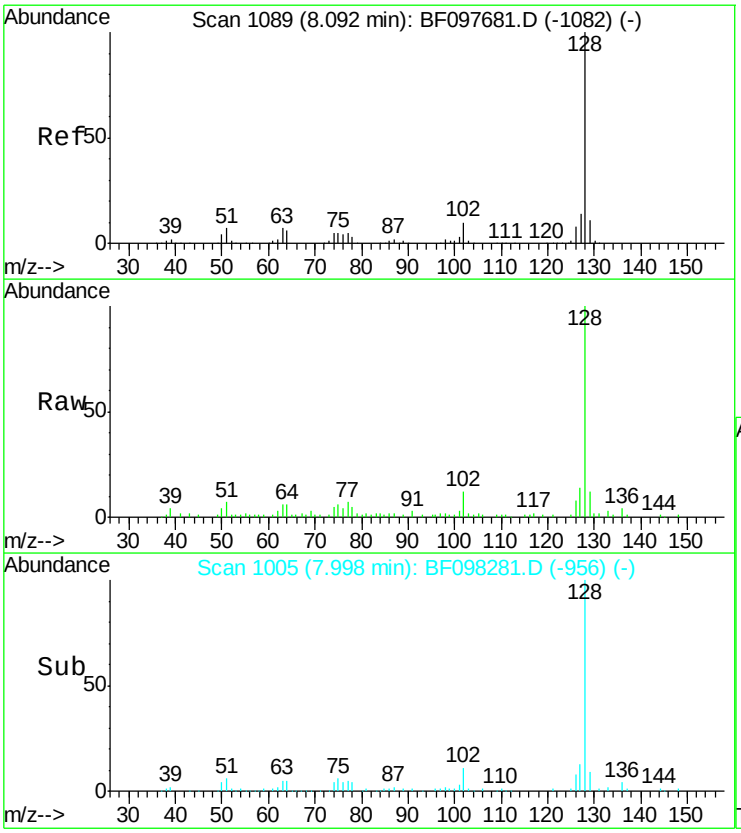
#26
2-Nitrophenol
Concen: 5.30 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.04 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:139 Resp: 133

Ion	Ratio	Lower	Upper
139	100		
109	83.0	21.0	31.6#
65	198.4	33.0	49.6#

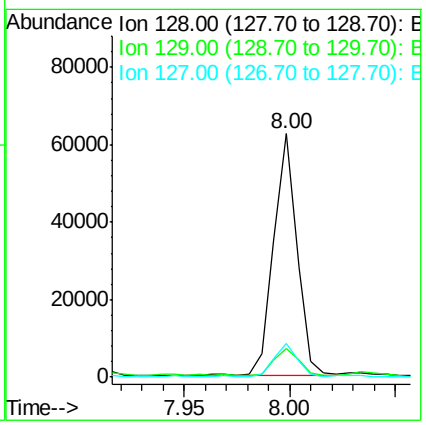


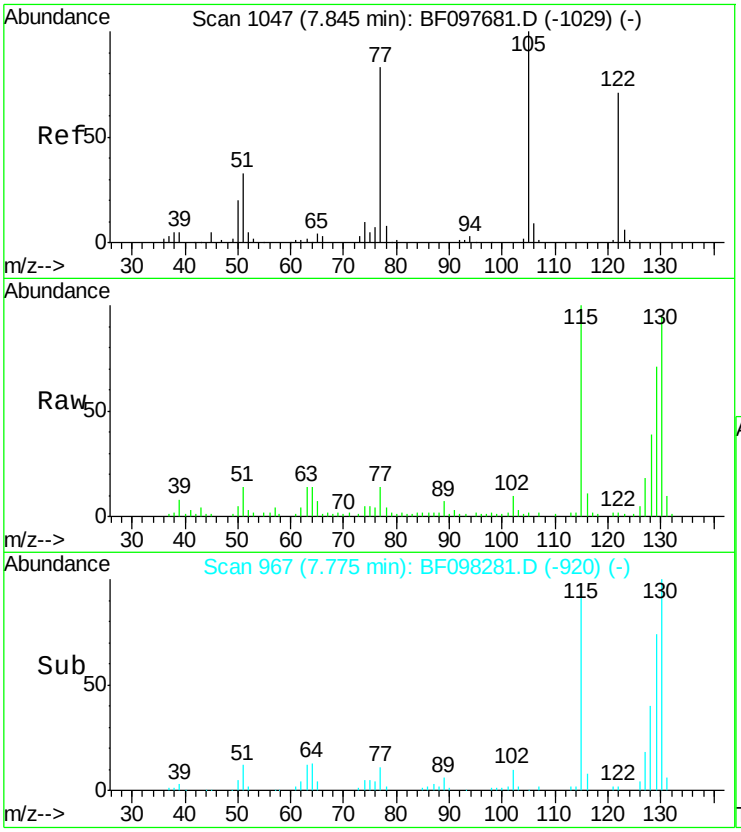


#31
Naphthalene
Concen: 2.30 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:128 Resp: 48288

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.8	10.8	16.2



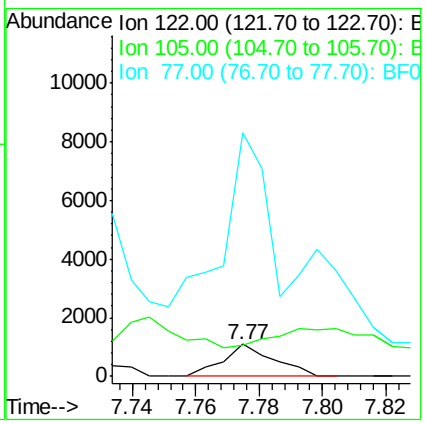


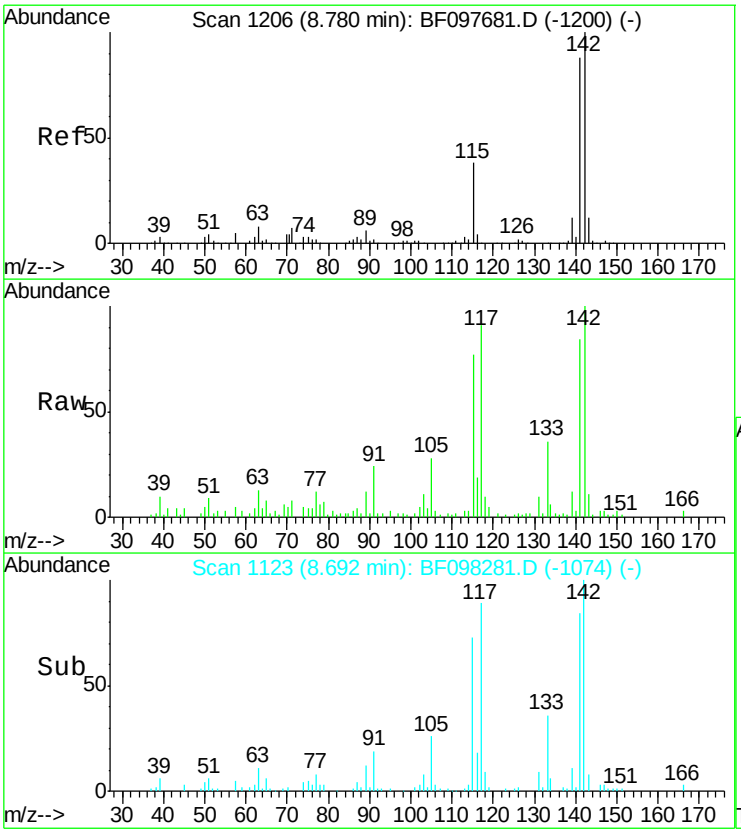
#32
Benzoic acid
Concen: 6.63 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:122 Resp: 1216

Ion	Ratio	Lower	Upper
122	100		
105	99.2	103.3	143.3#
77	765.2	73.7	113.7#

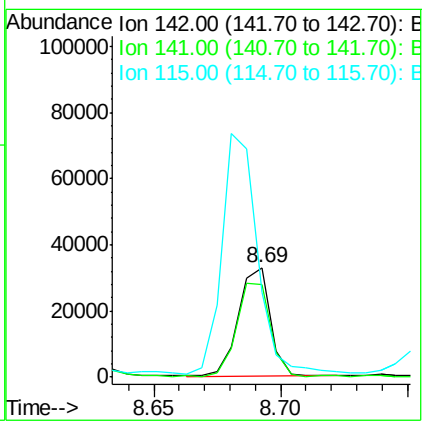


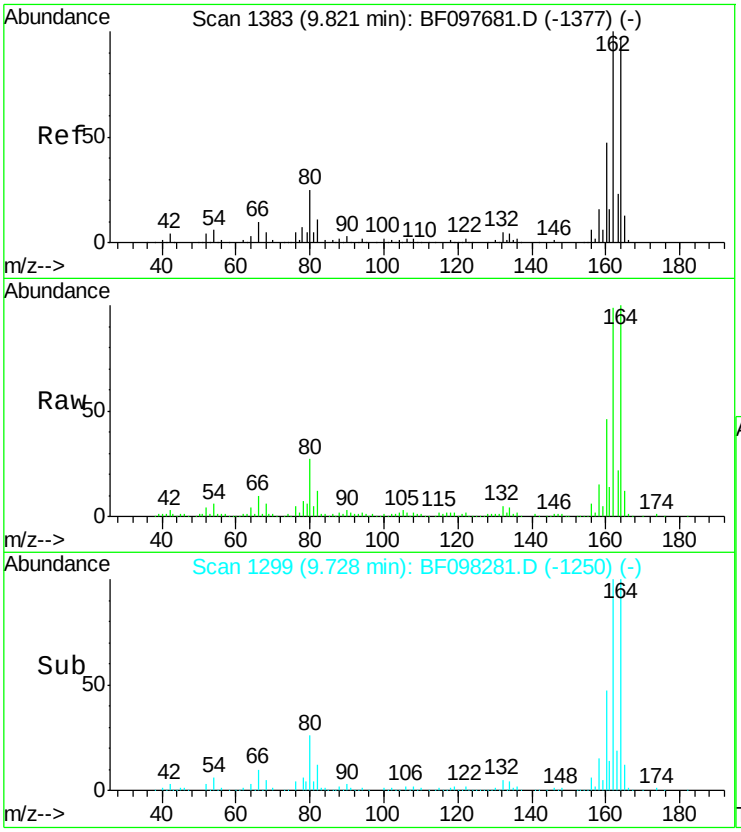


#37
2-Methylnaphthalene
Concen: 2.24 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:142 Resp: 28820

Ion	Ratio	Lower	Upper
142	100		
141	84.3	71.3	106.9
115	77.2	27.1	40.7#



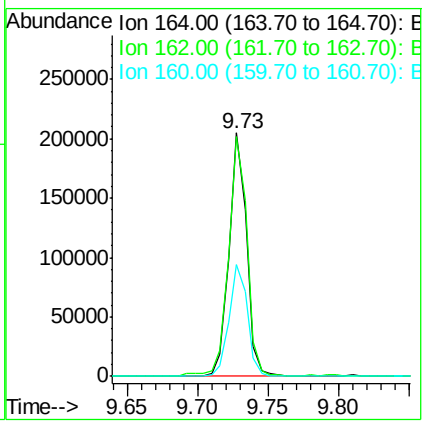


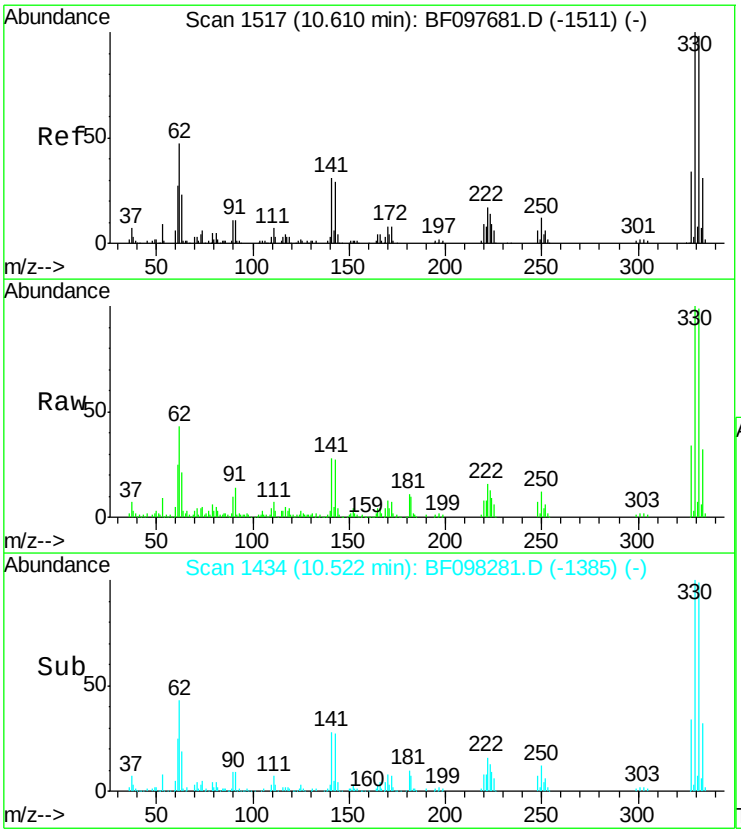
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:164 Resp: 177909

Ion	Ratio	Lower	Upper
164	100		
162	98.7	82.6	123.8
160	46.1	36.2	54.2

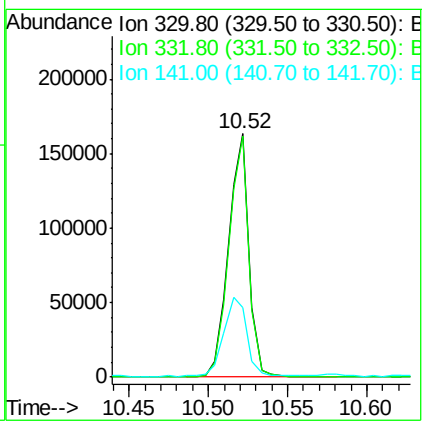


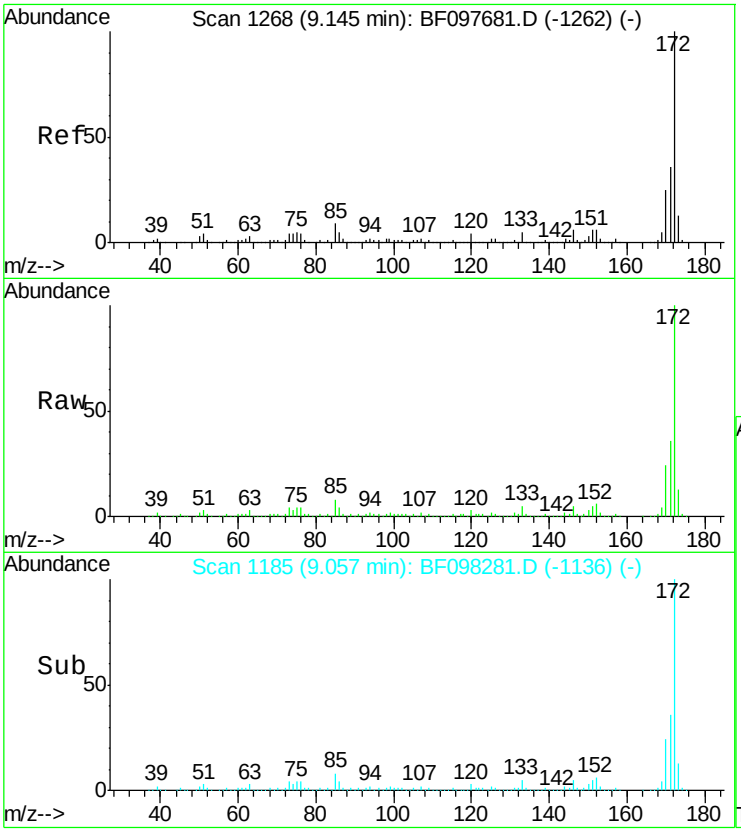


#41
2,4,6-Tribromophenol
Concen: 94.27 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:330 Resp: 145514

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	37.4	31.4	47.2



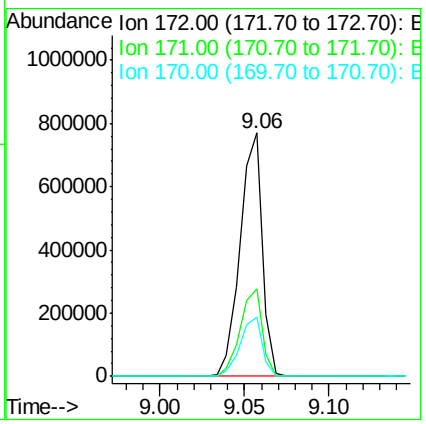


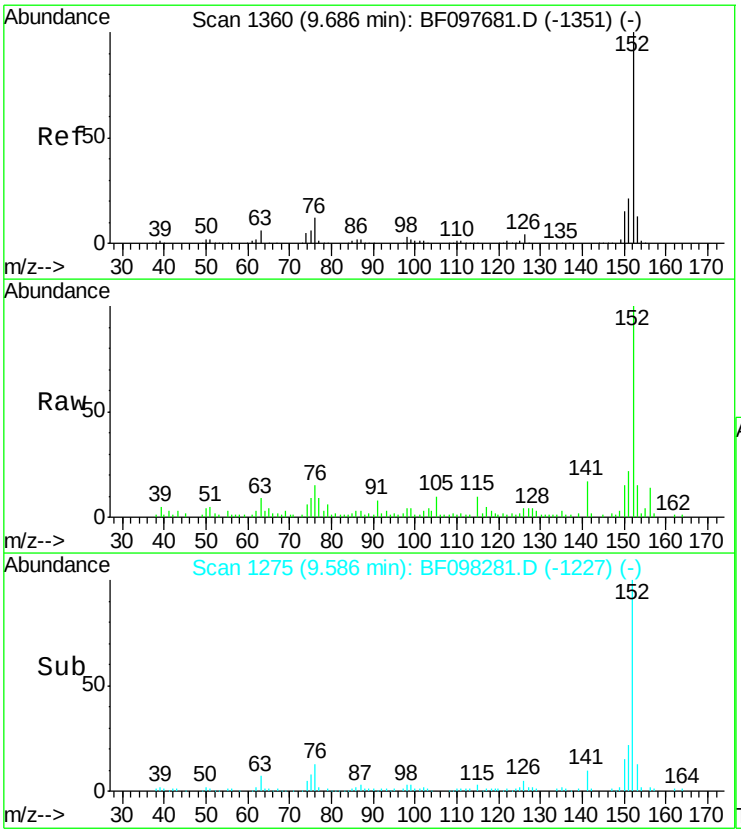
#44
2-Fluorobiphenyl
Concen: 58.29 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:172 Resp: 705823

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8

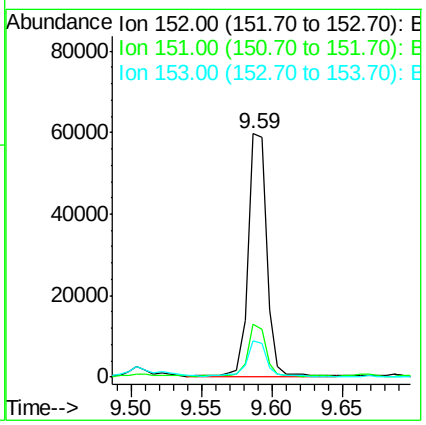


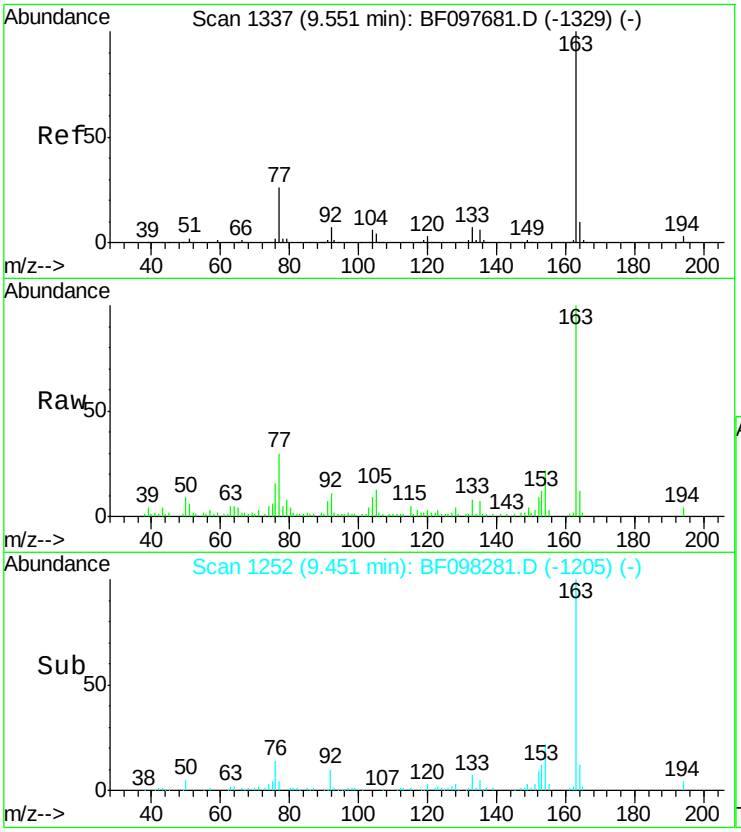


#48
Acenaphthylene
Concen: 2.99 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:152 Resp: 56236

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	14.7	10.8	16.2



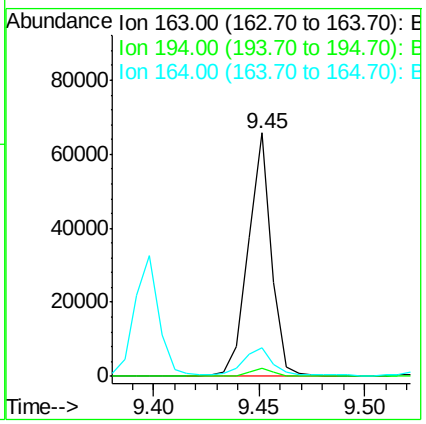


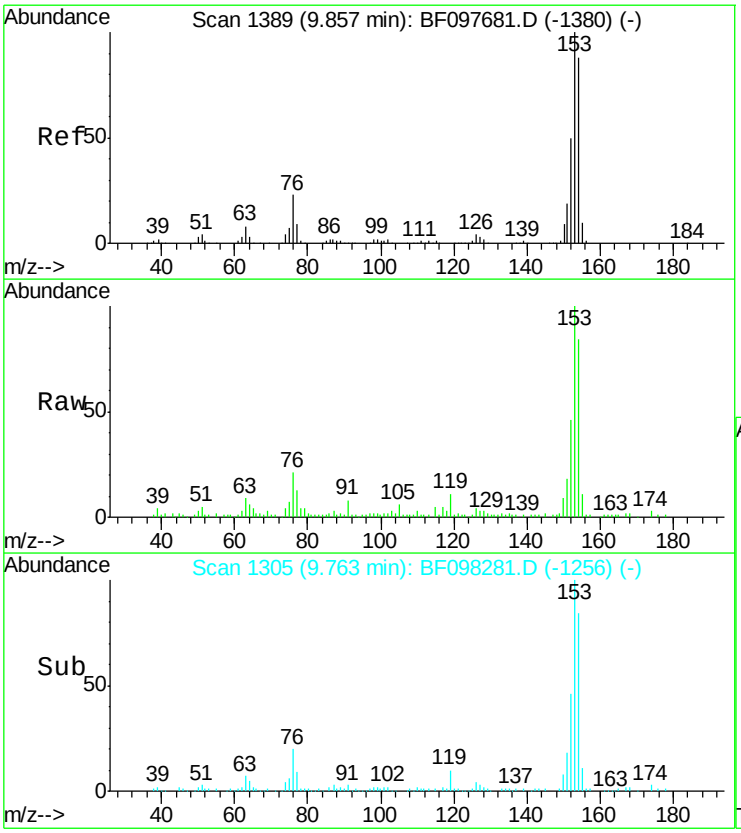
#49
Dimethylphthalate
Concen: 3.85 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:163 Resp: 50098

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	11.9	8.4	12.6

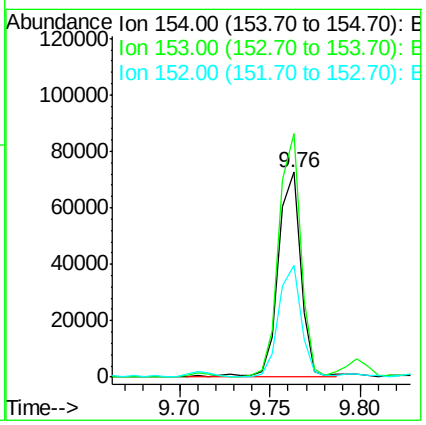


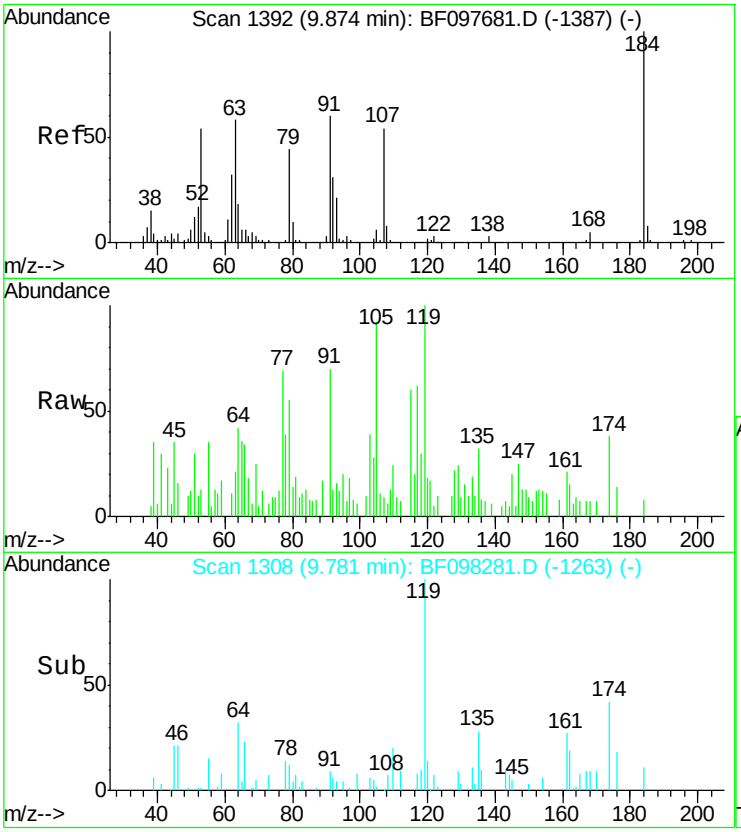


#51
Acenaphthene
Concen: 5.31 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:154 Resp: 63093

Ion	Ratio	Lower	Upper
154	100		
153	118.9	90.5	135.7
152	54.6	43.6	65.4



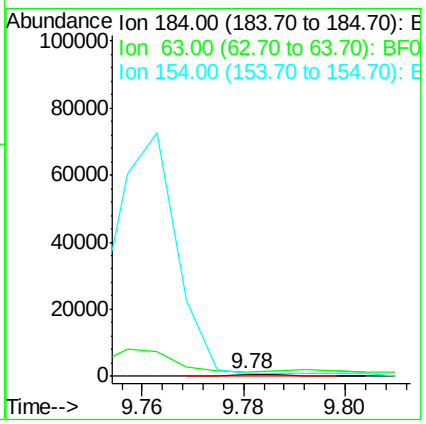


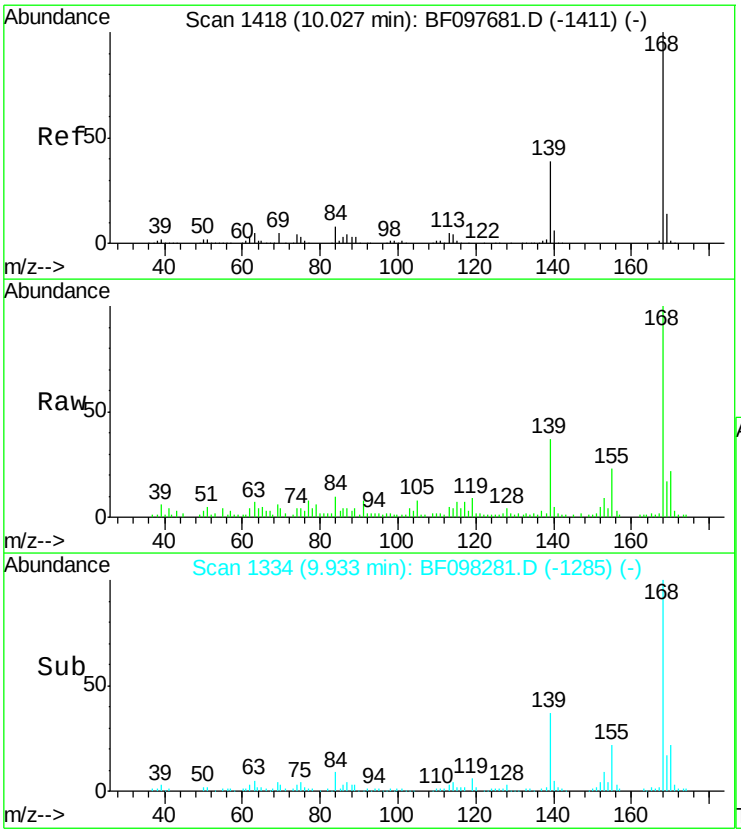
#53
2,4-Dinitrophenol
Concen: 10.39 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:184 Resp: 345

Ion	Ratio	Lower	Upper
184	100		
63	251.6	62.7	94.1#
154	140.9	81.1	121.7#

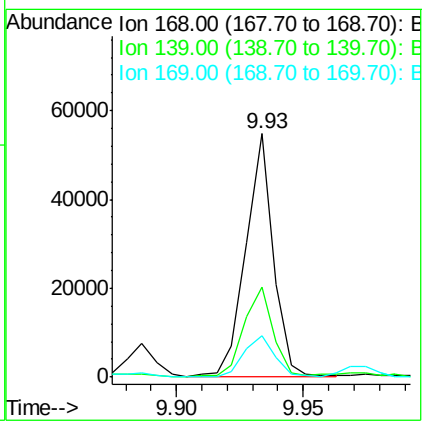


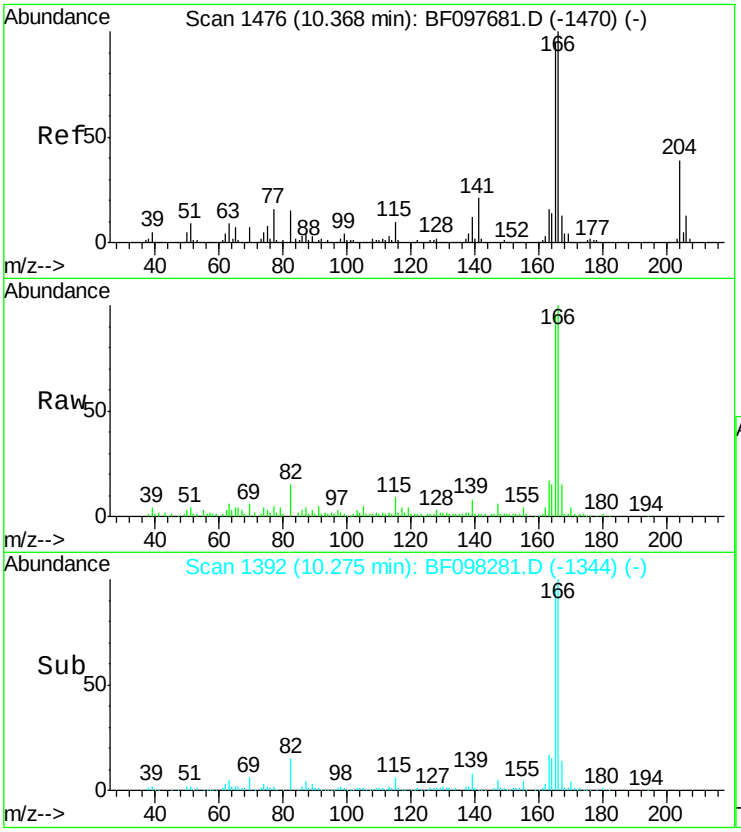


#54
Dibenzofuran
Concen: 2.63 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:168 Resp: 41854

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.6	45.8
169	16.8	10.8	16.2#



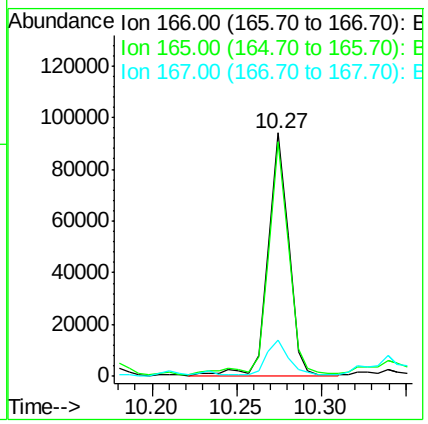


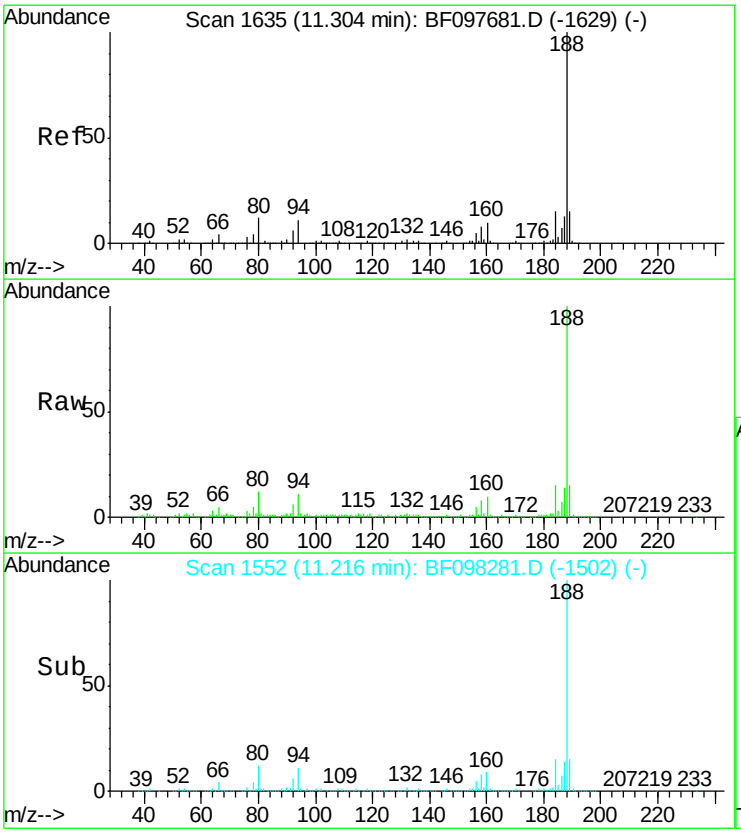
#57
Fluorene
Concen: 6.36 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:166 Resp: 78190

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.8	118.2
167	15.0	10.6	16.0

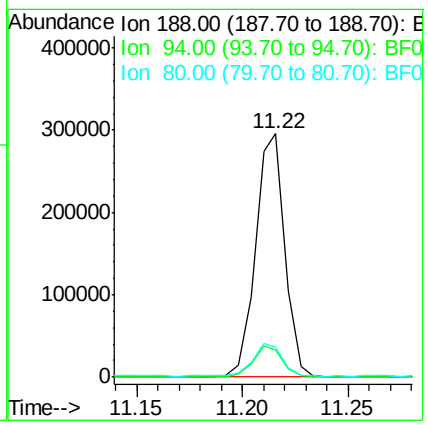


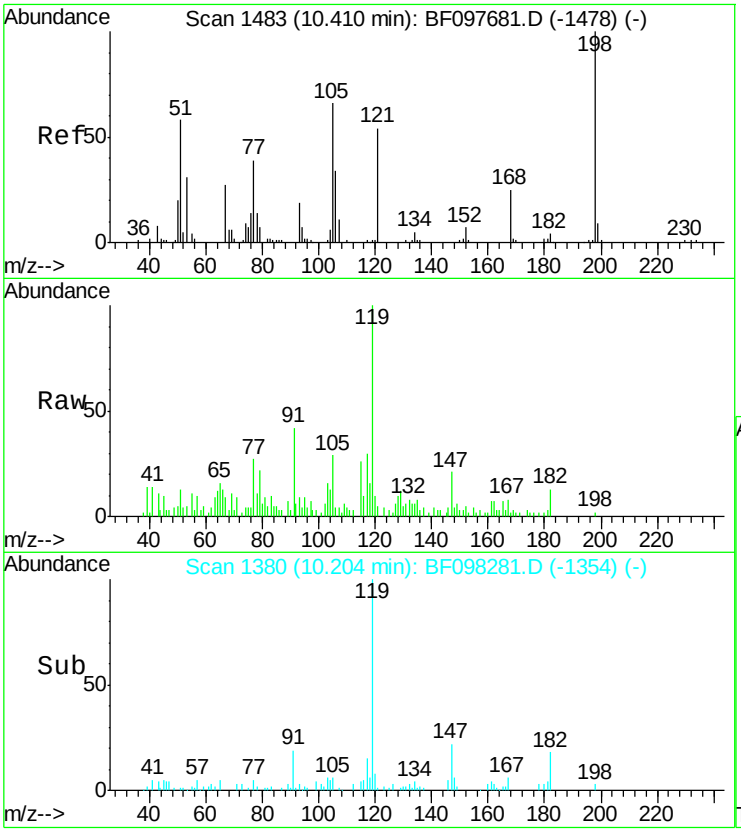


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:188 Resp: 283975

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	12.1	10.2	15.2



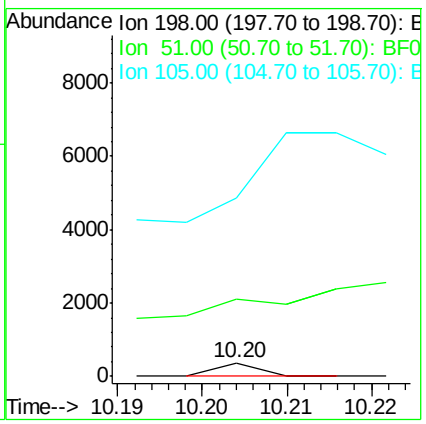


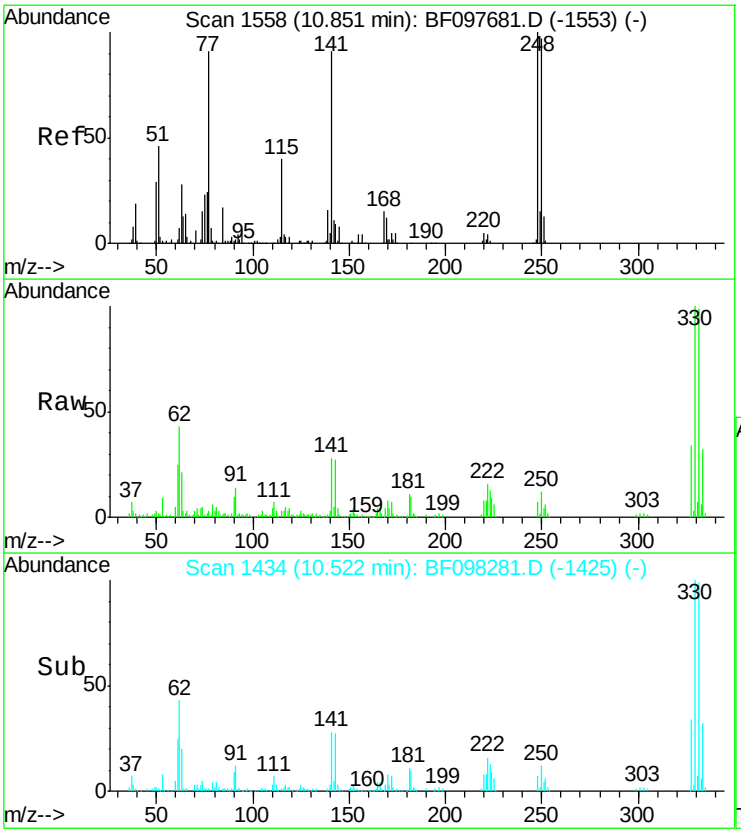
#64
4,6-Dinitro-2-methylphenol
Concen: 8.40 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.15 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:198 Resp: 132

Ion	Ratio	Lower	Upper
198	100		
51	566.1	53.2	93.2#
105	1297.6	45.8	85.8#

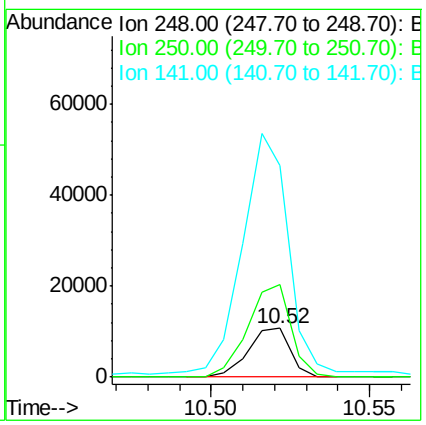


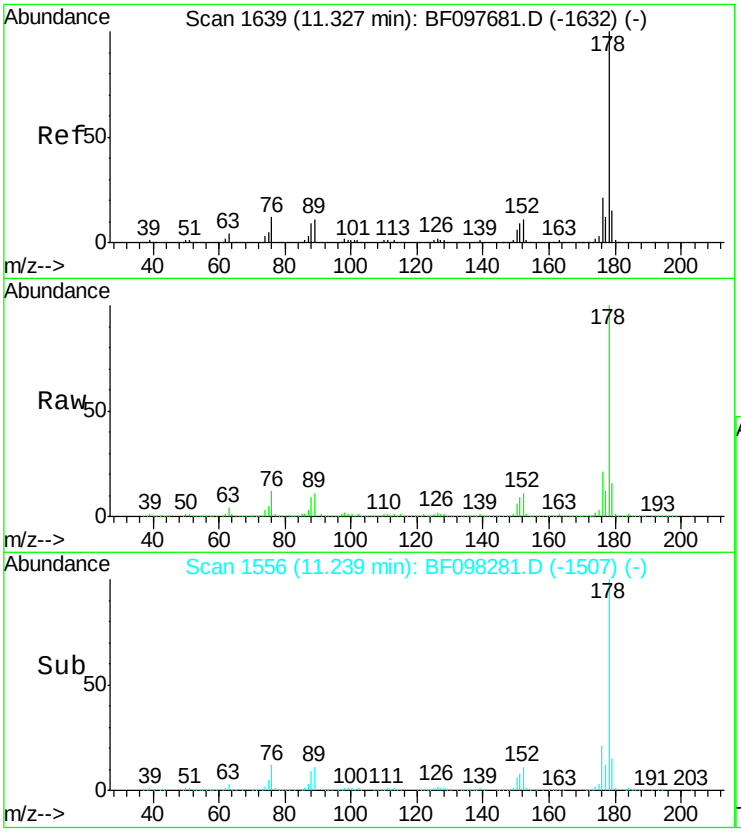


#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:248 Resp: 9837

Ion	Ratio	Lower	Upper
248	100		
250	190.1	76.8	115.2#
141	435.9	68.6	103.0#



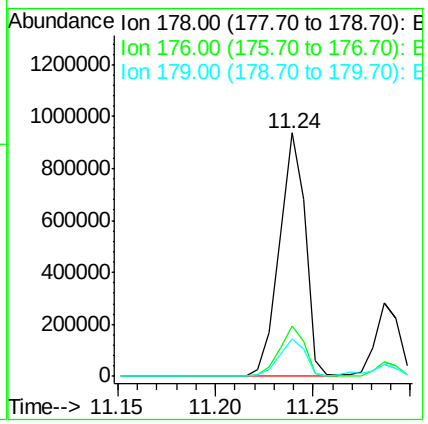


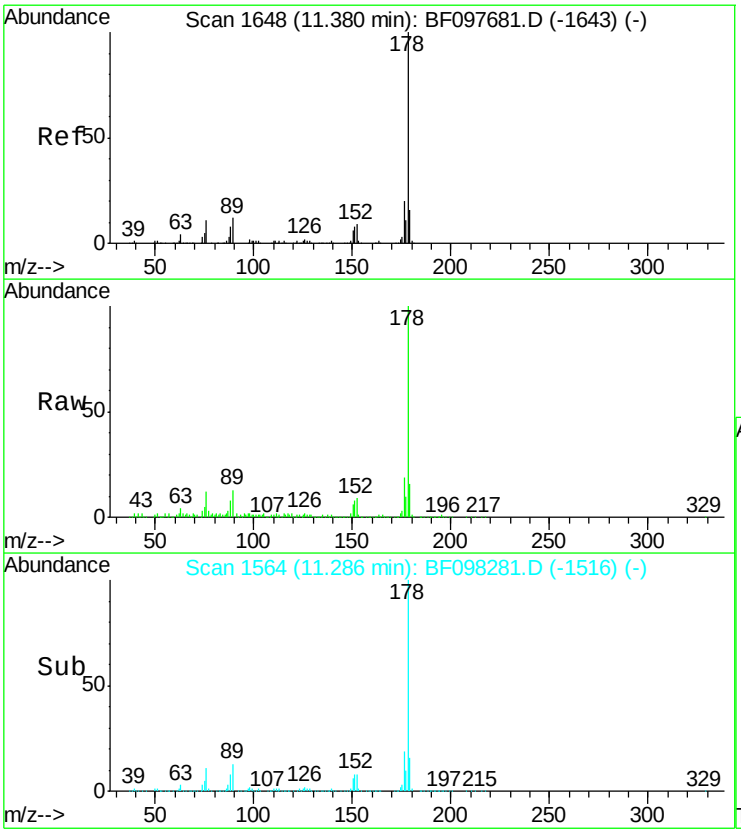
#70
Phenanthrene
Concen: 56.84 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:178 Resp: 860066

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	15.6	12.6	19.0

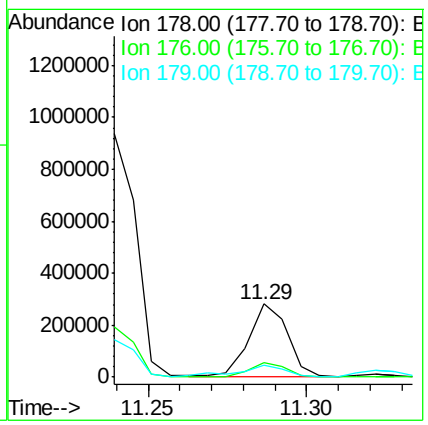


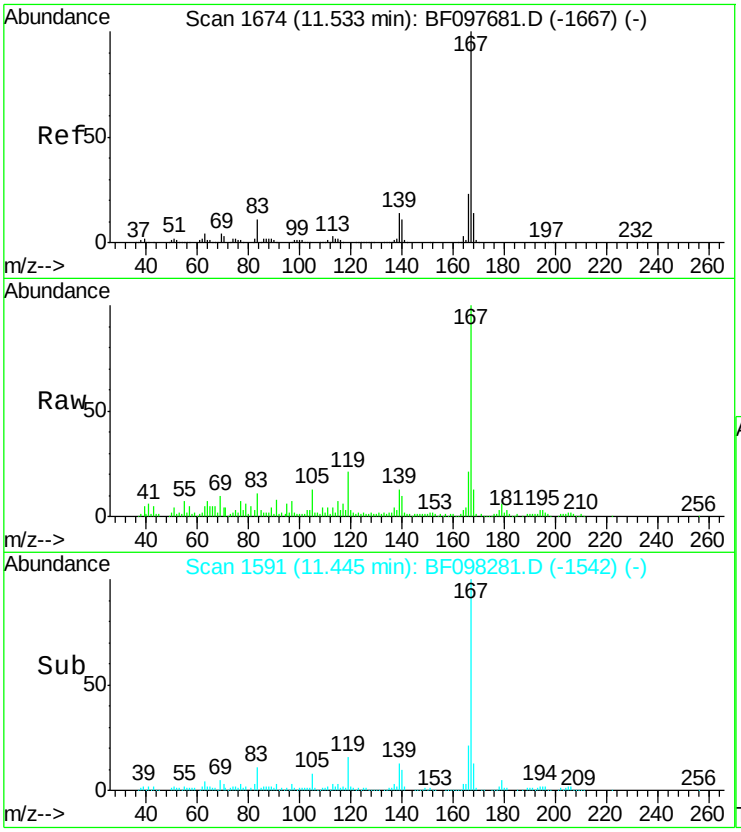


#71
Anthracene
Concen: 15.40 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:178 Resp: 236330

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.4	12.7	19.1



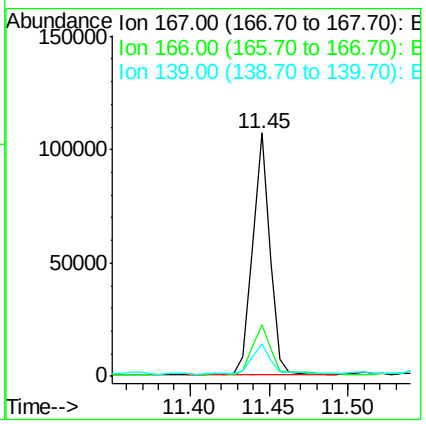


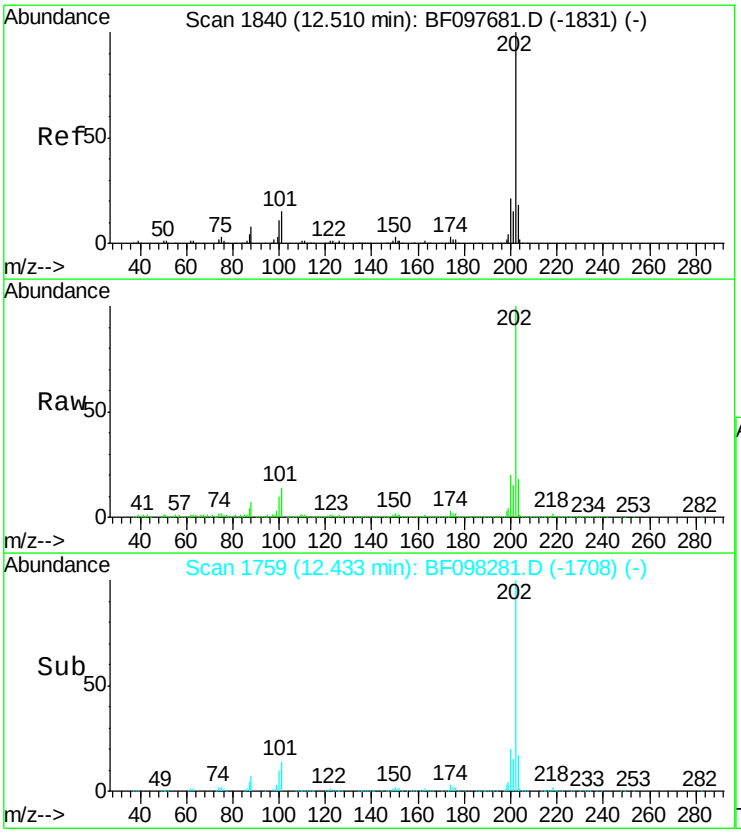
#72
Carbazole
Concen: 5.55 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:167 Resp: 80809

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	13.4	11.7	17.5

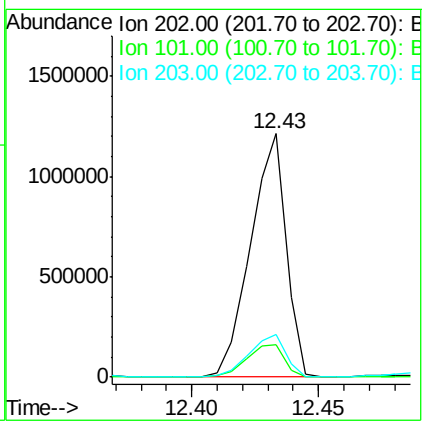


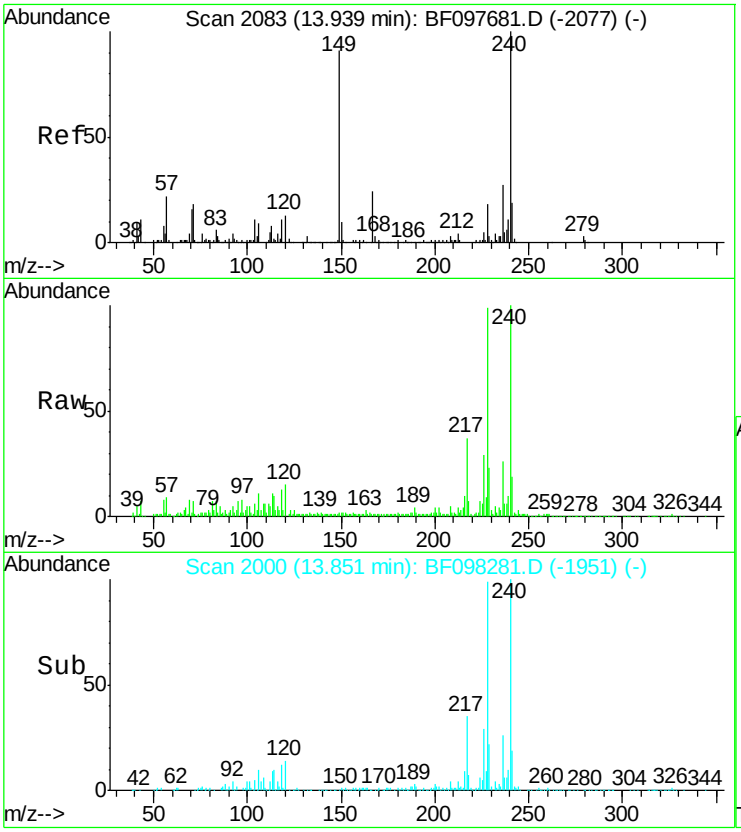


#74
Fluoranthene
Concen: 74.97 ng
RT: 12.43 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:202 Resp: 1184119

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.5	0.0	38.1



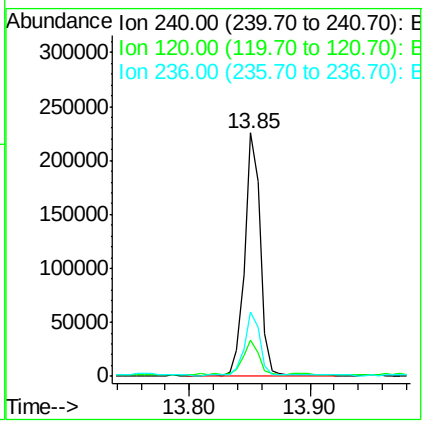


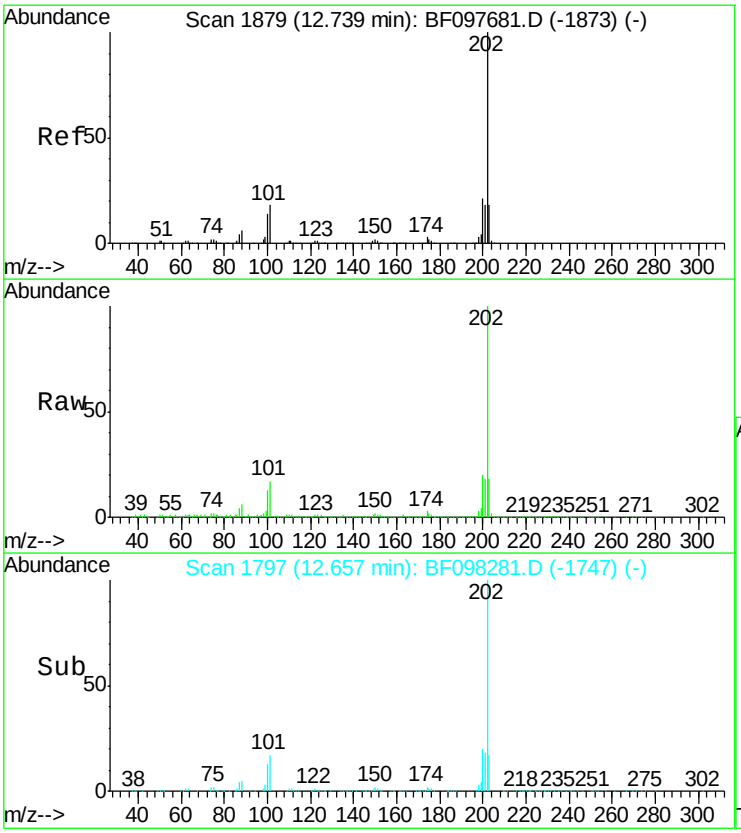
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:240 Resp: 203673

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.5	20.5	30.7

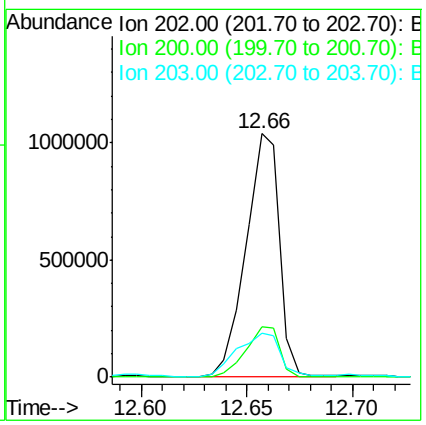


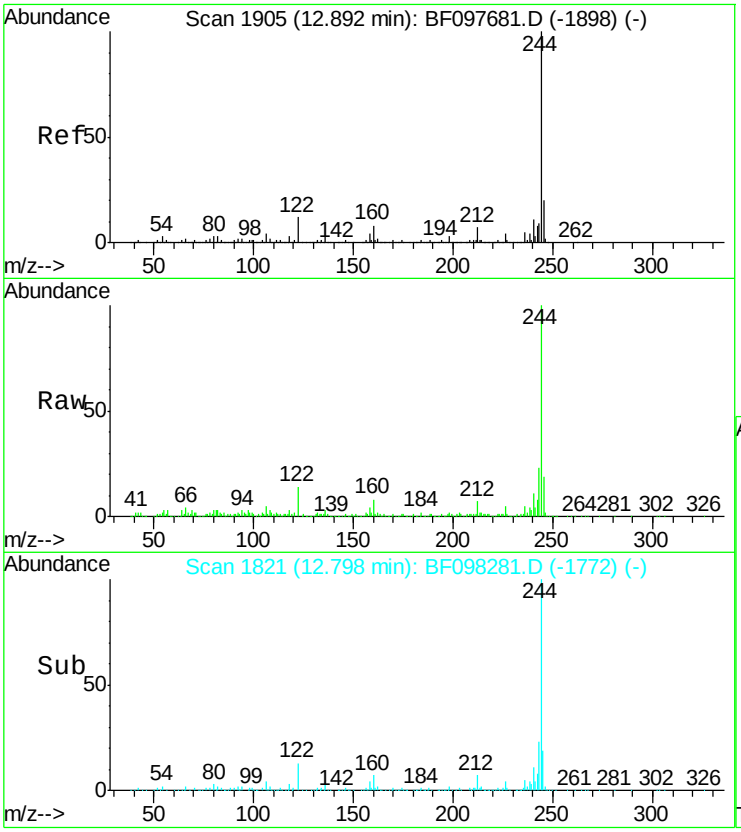


#77
Pyrene
Concen: 68.66 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:202 Resp: 1143721

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	17.8	14.4	21.6



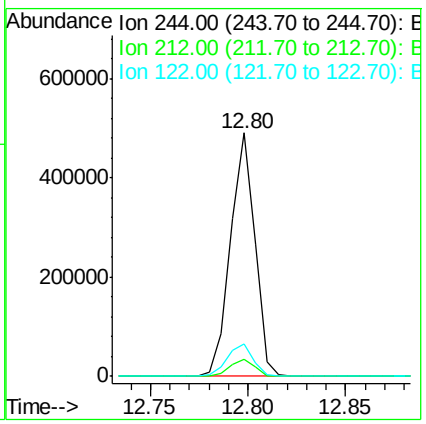


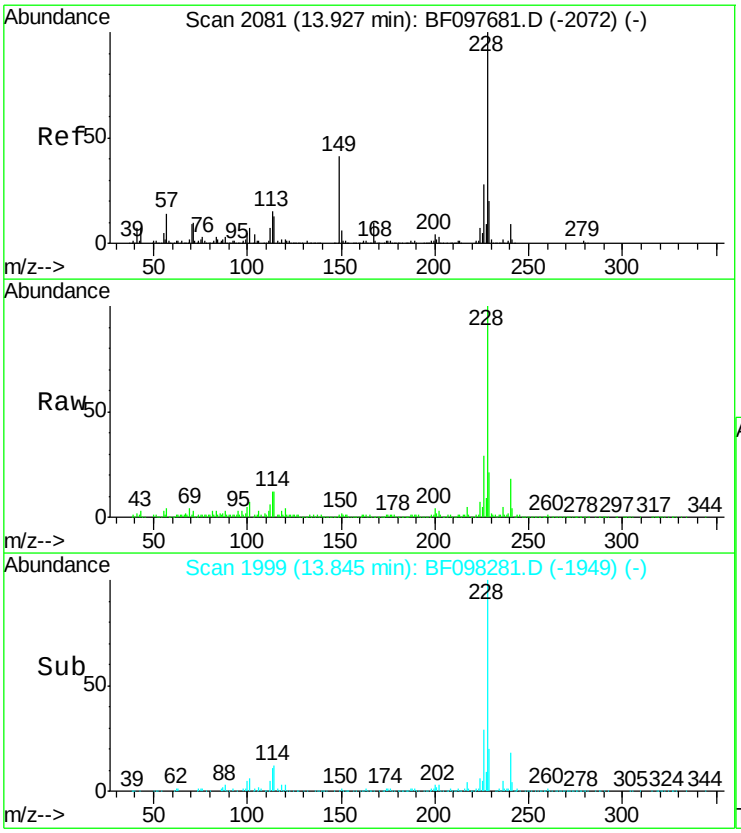
#78
Terphenyl-d14
Concen: 43.65 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:244 Resp: 426330

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.5	10.3	15.5

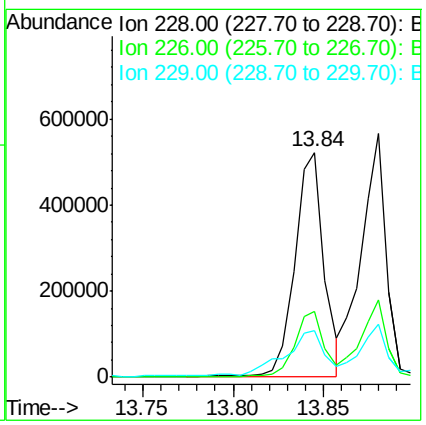


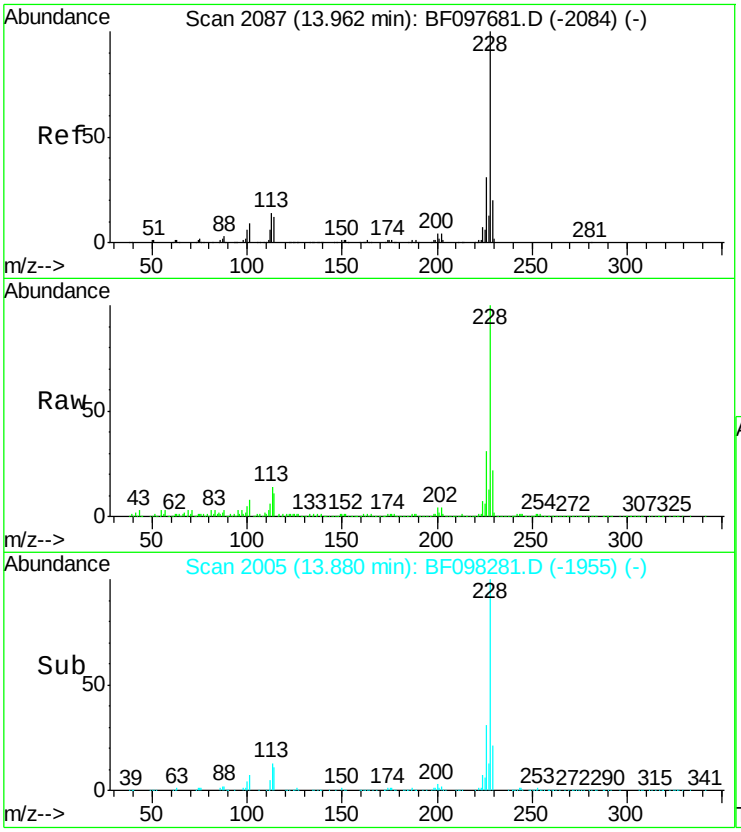


#80
Benzo(a)anthracene
Concen: 47.97 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:228 Resp: 585614

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.7	16.3	24.5



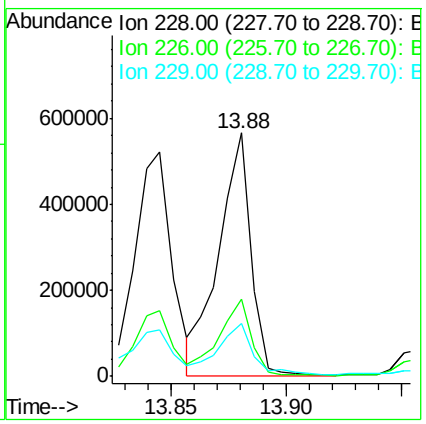


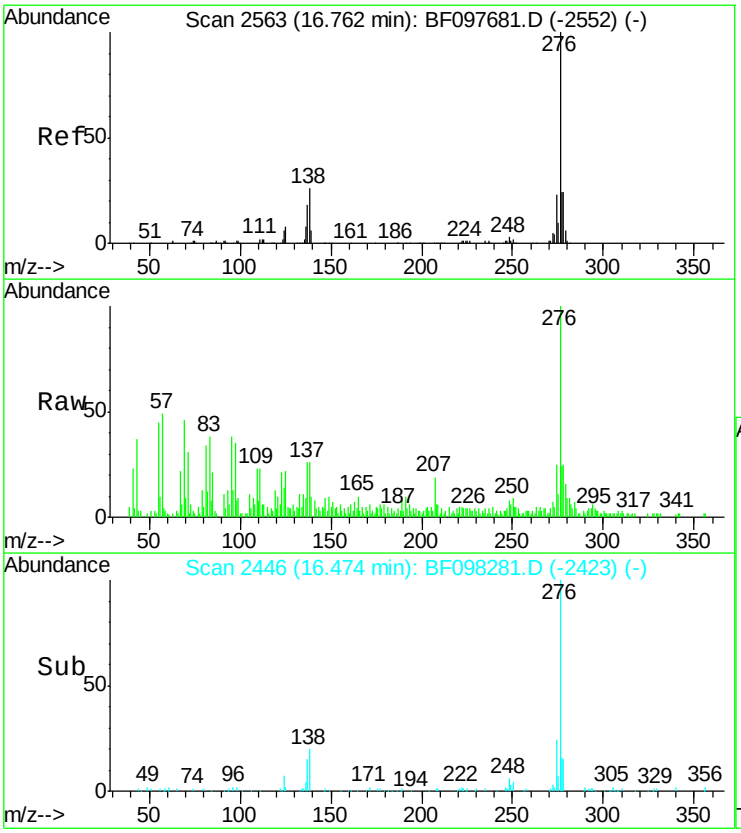
#82
Chrysene
Concen: 44.88 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:228 Resp: 545030

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.6	15.8	23.6

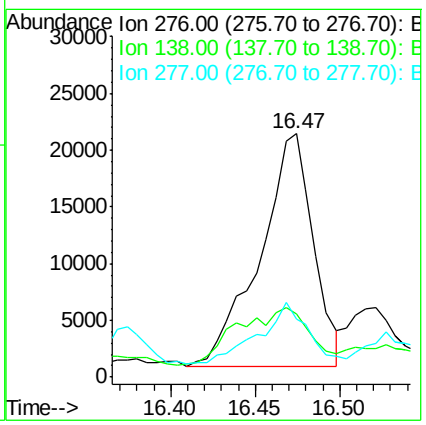


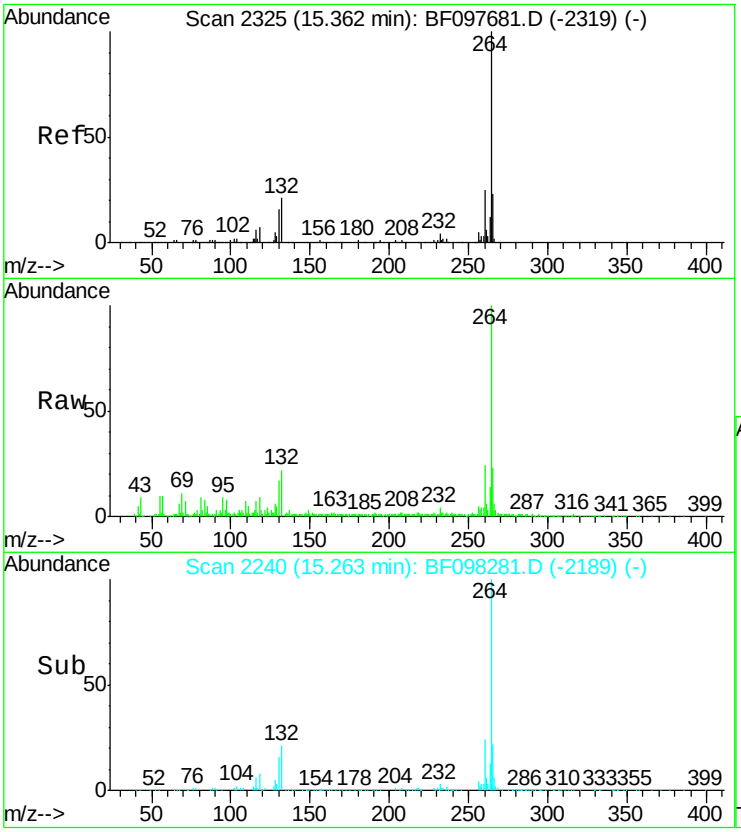


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.05 ng
RT: 16.47 min Scan# 2446
Delta R.T. -0.16 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:276 Resp: 45101

Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	25.0	20.2	30.4



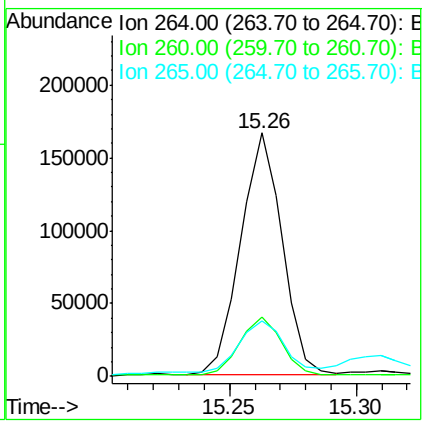


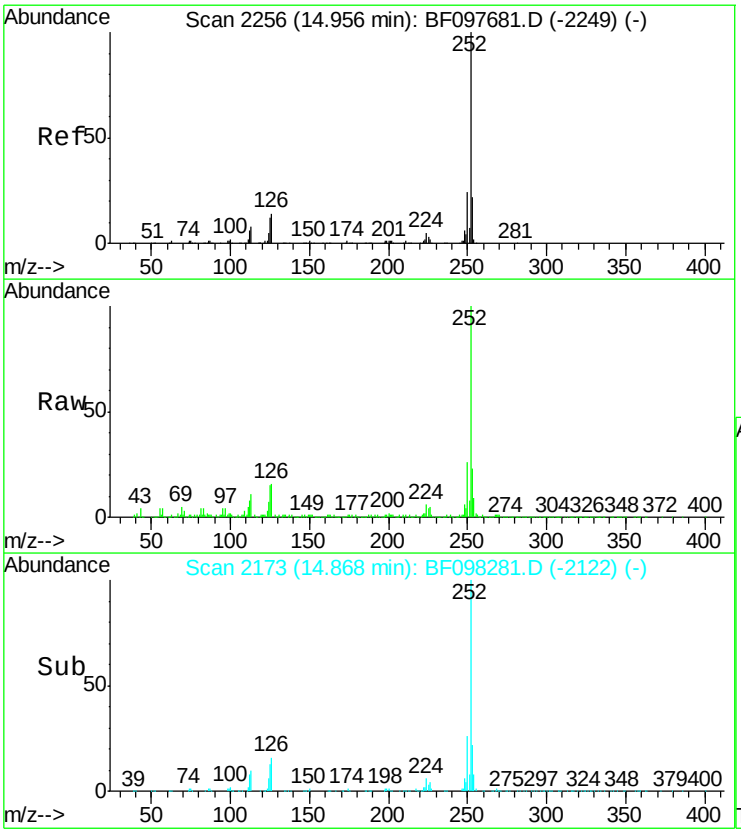
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:264 Resp: 189911

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.0	17.2	25.8

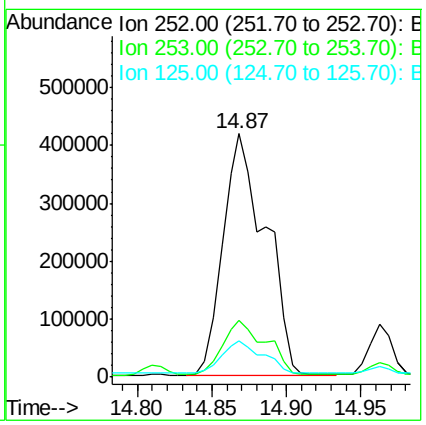


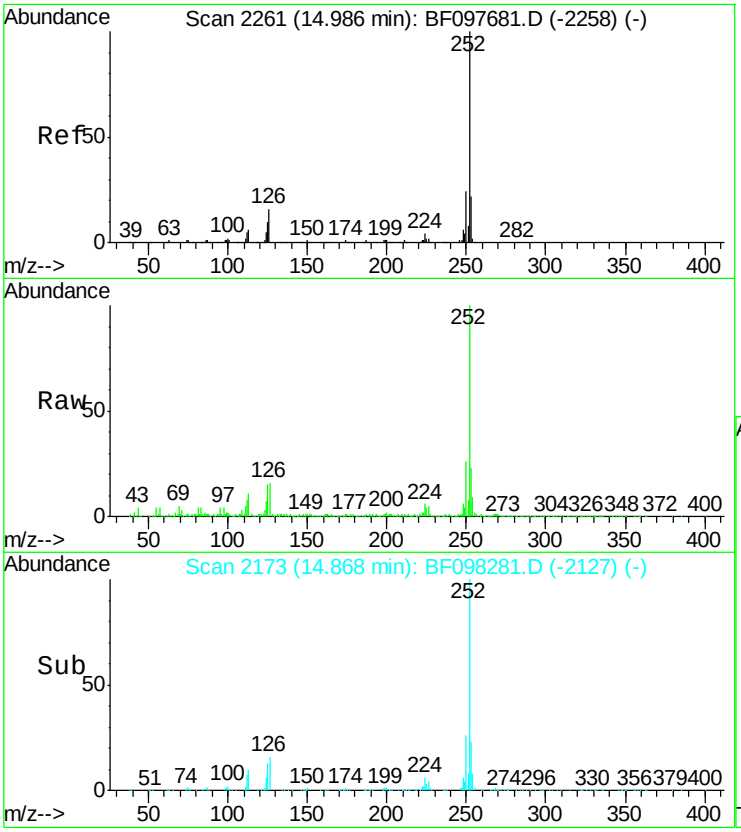


#87
Benzo(b)fluoranthene
Concen: 69.67 ng
RT: 14.87 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:252 Resp: 833968

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	14.7	9.8	14.8



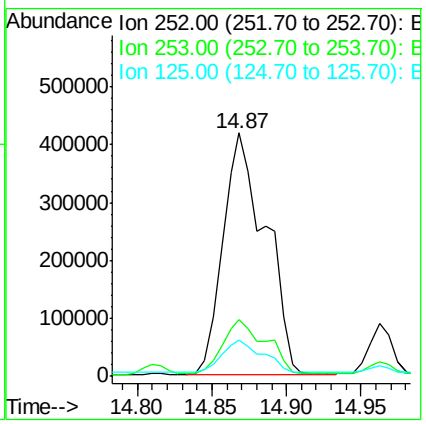


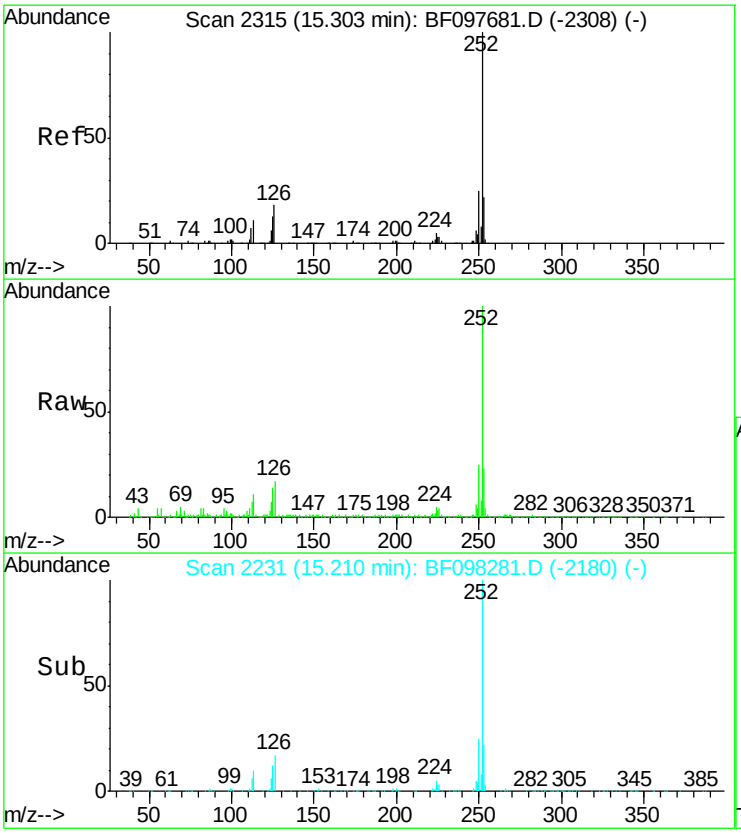
#88
Benzo(k)fluoranthene
Concen: 74.15 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:252 Resp: 833968

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	14.7	13.1	19.7

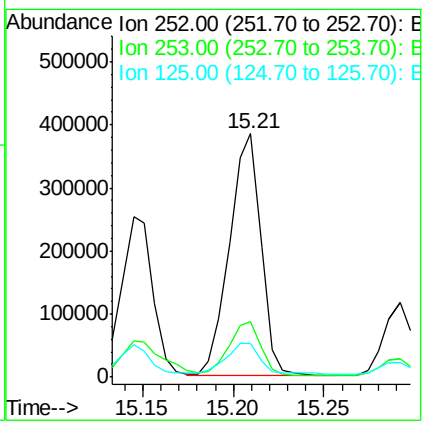


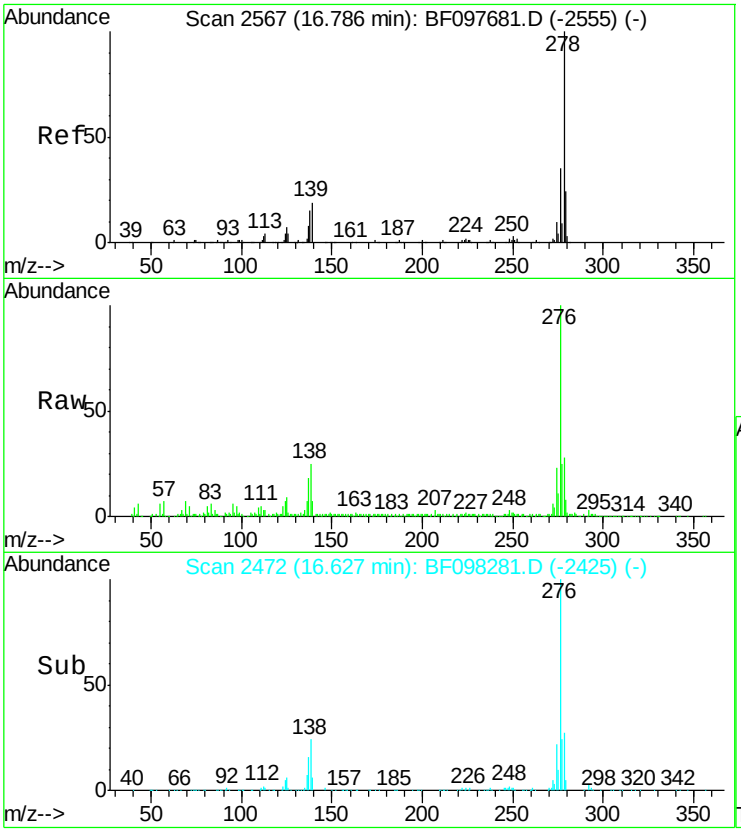


#89
Benzo(a)pyrene
Concen: 44.05 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:252 Resp: 466799

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	13.7	11.0	16.4



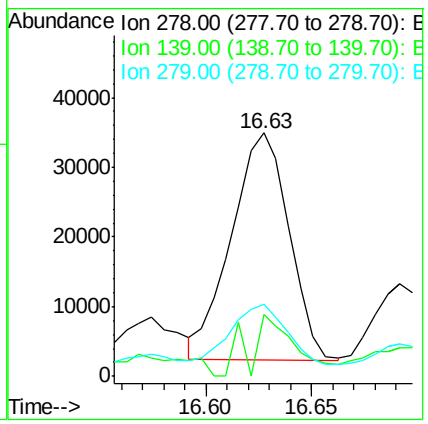


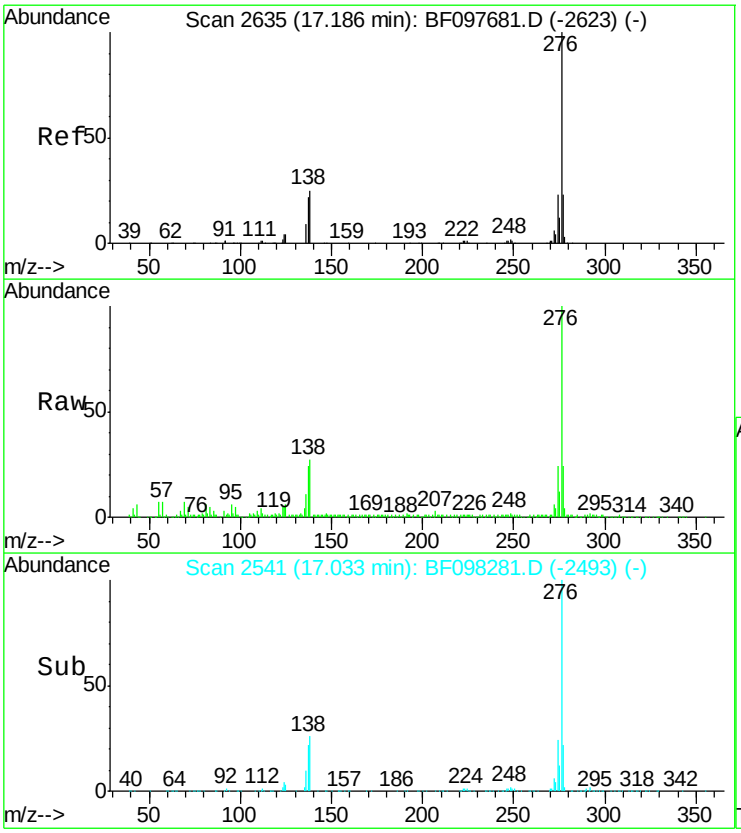
#90
Dibenzo(a,h)anthracene
Concen: 7.16 ng
RT: 16.63 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

Tgt Ion:278 Resp: 61749

Ion	Ratio	Lower	Upper
278	100		
139	25.3	16.6	24.8#
279	29.5	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 24.59 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF098281.D
Acq: 6 Sep 2017 19:14

Tgt Ion:276 Resp: 221333

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	26.9	25.4	38.0