Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111373.D
Acq On : 13 Dec 2018 16:51
Operator : JU/SJ
Sample : J6214-29RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)RE

Quant Time: Dec 13 20:44:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	230982	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	802019	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	319271	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	473440	20.00	ng		0.00
76) Chrysene-d12	13.99	240	181223	20.00	ng		0.04
87) Perylene-d12	15.47	264	181031	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1660568	121.57	ng		0.00
7) Phenol-d6	6.43	99	2133440	115.84	ng		0.00
23) Nitrobenzene-d5	7.36	82	1251352	87.94	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	309731	110.05	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1763332	88.67	ng		0.00
79) Terphenyl-d14	12.92	244	814446	98.91	ng		0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	49567	3.275	ng	#	1
10) Phenol	6.45	94	160244	7.681	ng		92
18) Hexachloroethane	7.33	117	218831	32.037	ng	#	1
22) Acetophenone	7.19	105	406917	21.842	ng	#	44
25) Isophorone	7.70	82	54684	2.262	ng	#	65
31) Naphthalene	8.10	128	185494	4.964	ng	#	85
35) Caprolactam	8.51	113	21369	5.346	ng	#	1
37) 2-Methylnaphthalene	8.89	142	878262	36.359	ng		97
38) 1-Methylnaphthalene	8.89	142	878262	37.672	ng		99
46) 1,1'-Biphenyl	9.25	154	145730	5.350	ng		95
49) Acenaphthylene	9.69	152	108033	3.544	ng	#	91
50) Dimethylphthalate	9.55	163	206366	8.988	ng	#	96
52) Acenaphthene	9.86	154	95216	4.953	ng		94
55) Dibenzofuran	10.03	168	237786	8.568	ng	#	95
56) 4-Nitrophenol	9.93	139	9831	2.232	ng	#	17
57) 2,4-Dinitrotoluene	10.00	165	14576	2.235	ng	#	56
58) Fluorene	10.37	166	239646	12.071	ng	#	98
71) Phenanthrene	11.34	178	899845	36.772	ng		95
72) Anthracene	11.39	178	295736	11.869	ng		95
73) Carbazole	11.54	167	53611	2.081	ng	#	65
74) Di-n-butylphthalate	11.89	149	90052	3.070	ng	#	85
75) Fluoranthene	12.55	202	569781	23.851	ng		97
78) Pyrene	12.77	202	661661	47.308	ng		96
80) Butylbenzylphthalate	13.40	149	124835	18.590	ng	#	80
81) Benzo(a)anthracene	13.98	228	195256	19.257	ng	#	93
83) Chrysene	14.02	228	167980	16.238	ng	#	87
84) Bis(2-ethylhexyl)phthalate	13.97	149	155105	18.894	ng	#	86
86) Indeno(1,2,3-cd)pyrene	16.90	276	92446	11.426	ng		96
88) Benzo(b)fluoranthene	15.04	252	202964	19.717	ng	#	1
89) Benzo(k)fluoranthene	15.04	252	202964	19.753	ng	#	1
90) Benzo(a)pyrene	15.40	252	151337	15.789	ng	#	1
91) Dibenzo(a,h)anthracene	16.90	278	27105	3.399	ng	#	1
92) Benzo(g,h,i)perylene	17.33	276	126417	15.856	ng	#	87

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111373.D
Acq On : 13 Dec 2018 16:51
Operator : JU/SJ
Sample : J6214-29RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Quant Time: Dec 13 20:44:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

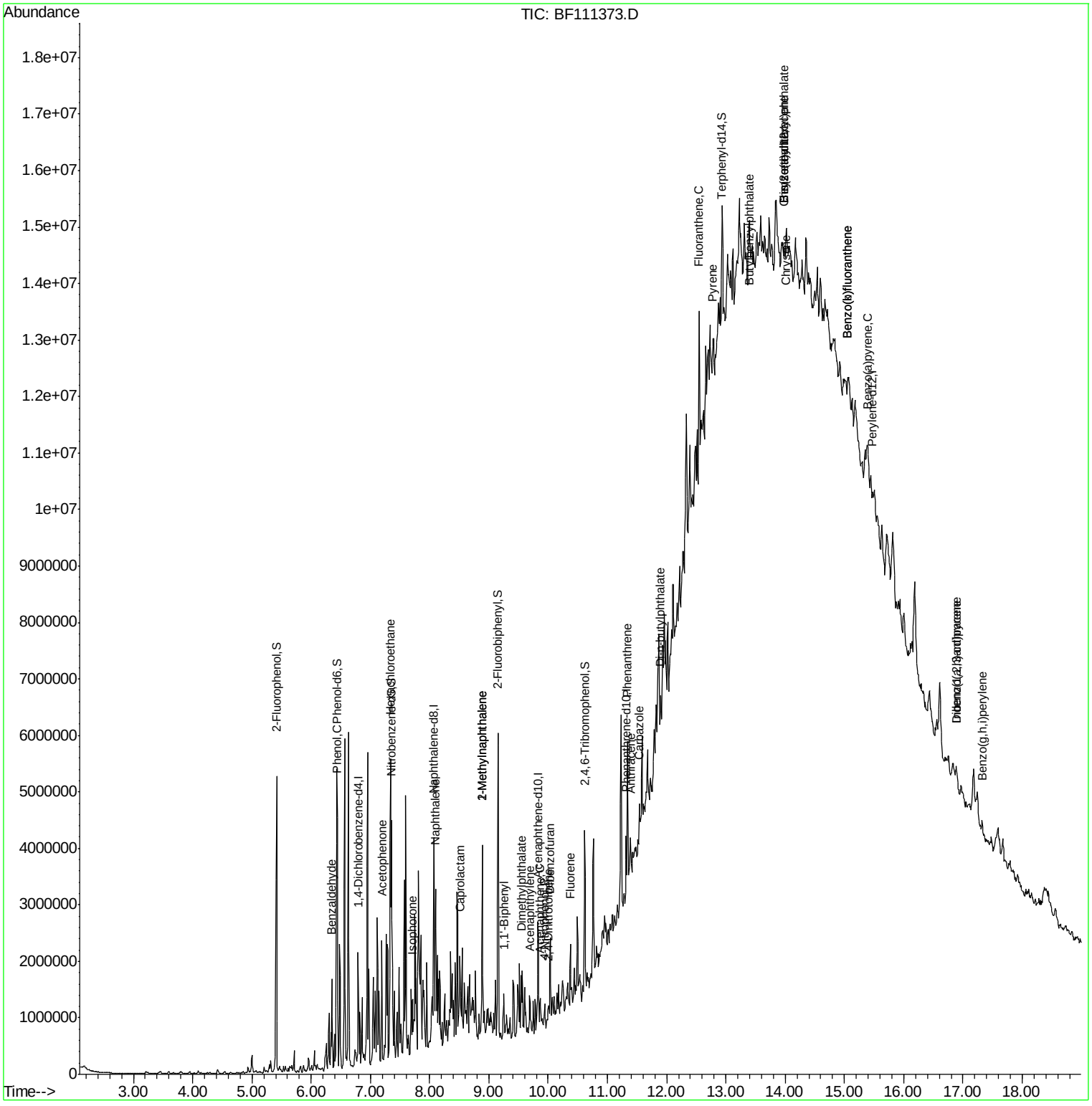
(#) = qualifier out of range (m) = manual integration (+) = signals summed

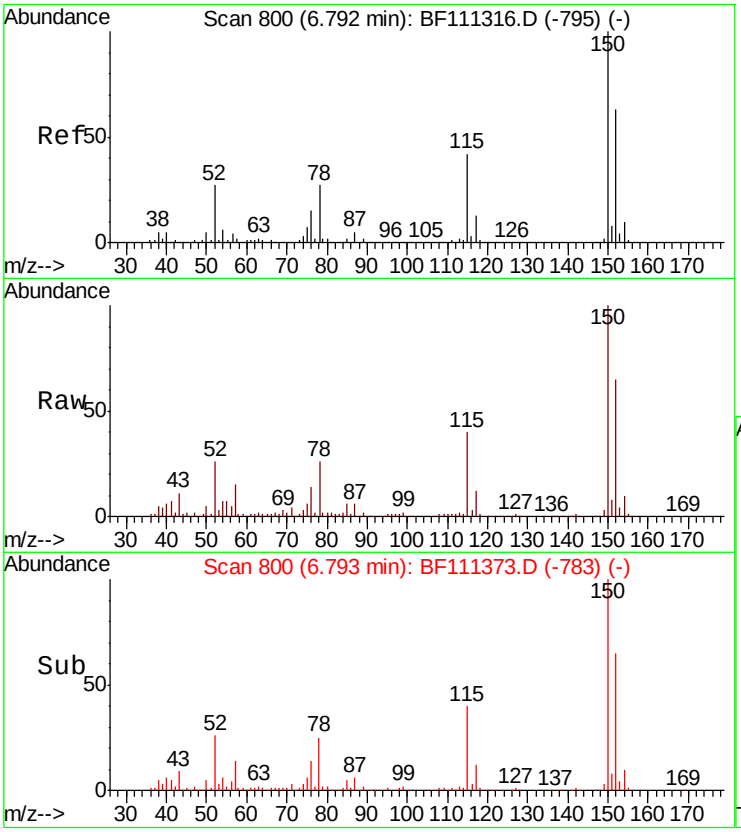
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111373.D
Acq On : 13 Dec 2018 16:51
Operator : JU/SJ
Sample : J6214-29RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Quant Time: Dec 13 20:44:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration



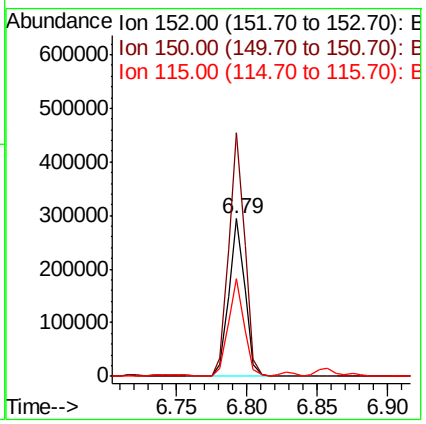


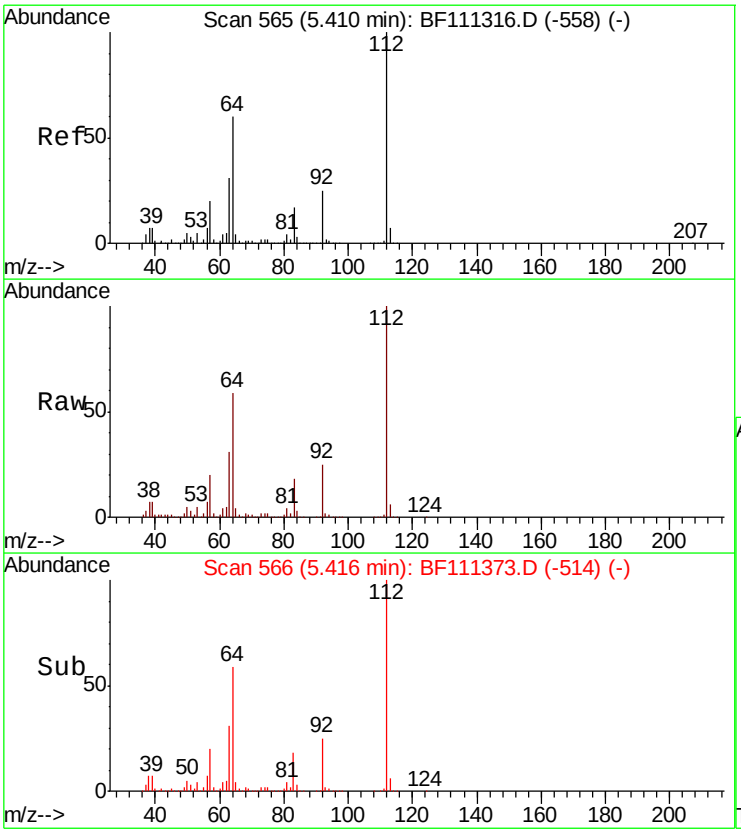
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:152 Resp: 230982

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	62.2	50.7	76.1

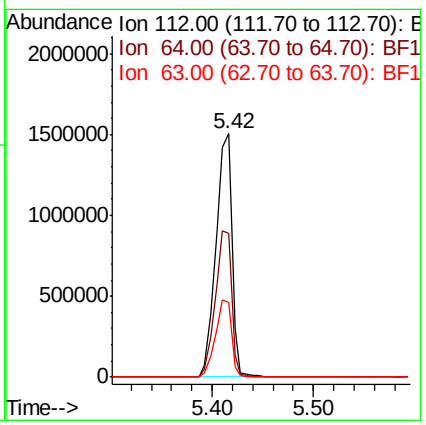


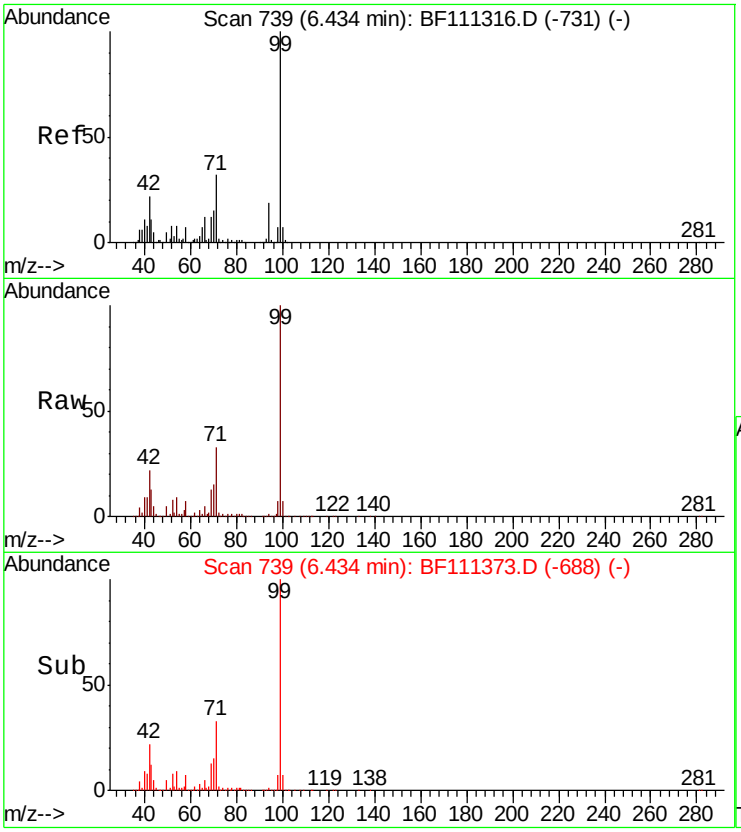


#5
2-Fluorophenol
Concen: 121.571 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:112 Resp: 1660568

Ion	Ratio	Lower	Upper
112	100		
64	59.1	51.8	77.6
63	30.7	26.8	40.2



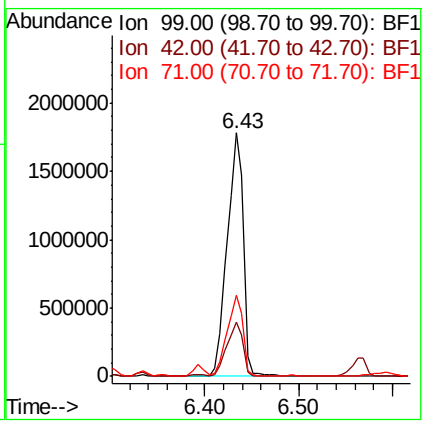


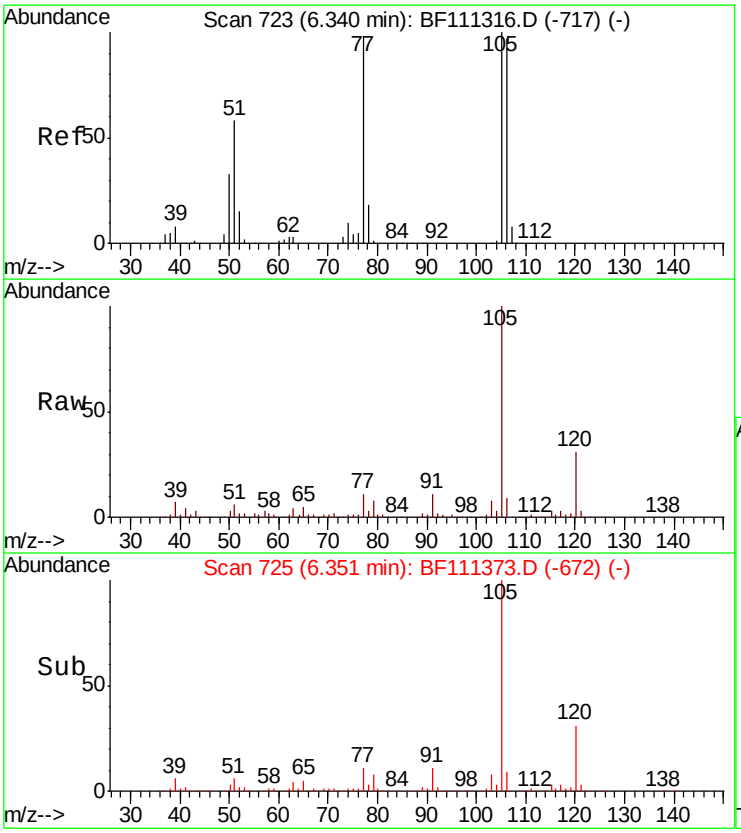
#7
Phenol-d6
Concen: 115.845 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion: 99 Resp: 2133440

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.4	26.0
71	33.3	26.1	39.1

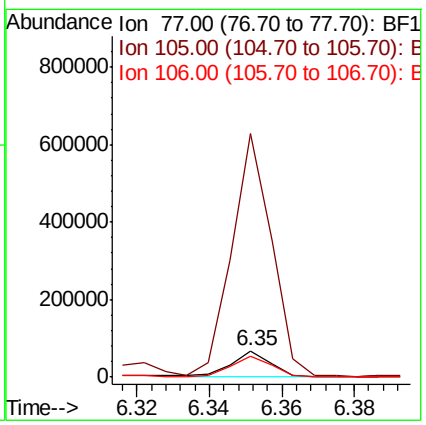


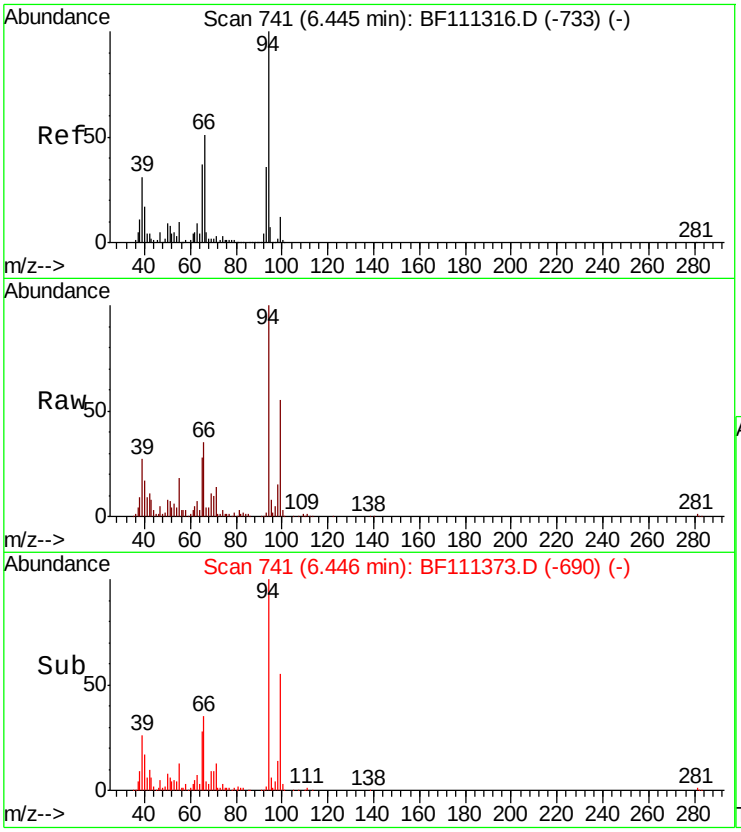


#9
Benzaldehyde
Concen: 3.275 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion: 77 Resp: 49567

Ion	Ratio	Lower	Upper
77	100		
105	935.9	81.4	121.4#
106	82.7	77.9	117.9



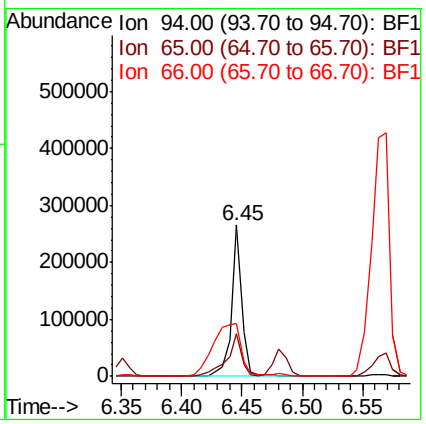


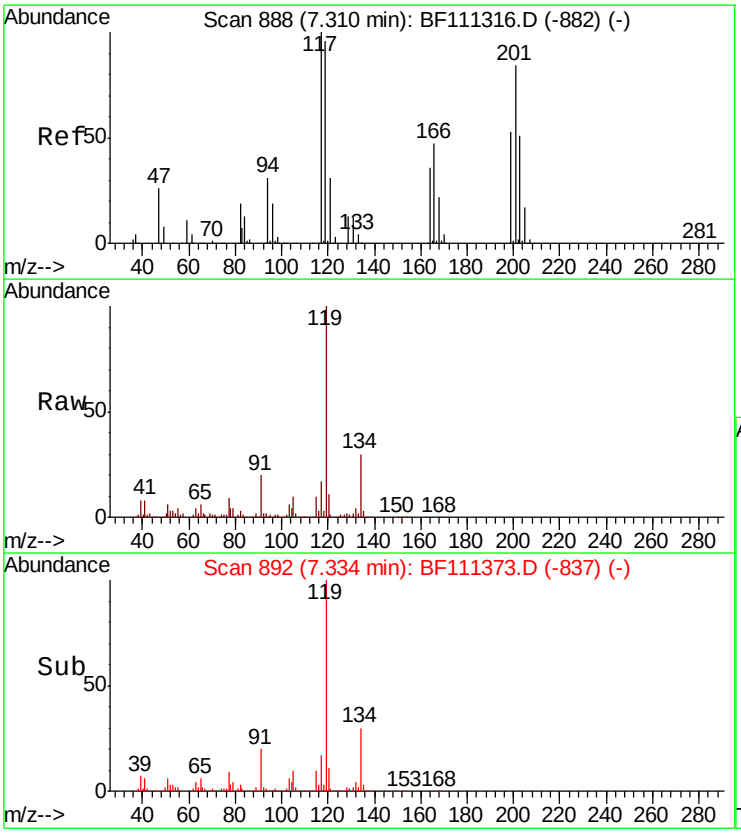
#10
Phenol
Concen: 7.681 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion: 94 Resp: 160244

Ion	Ratio	Lower	Upper
94	100		
65	28.2	11.7	51.7
66	35.1	21.0	61.0

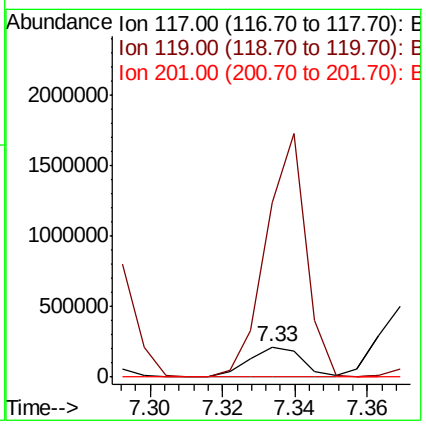


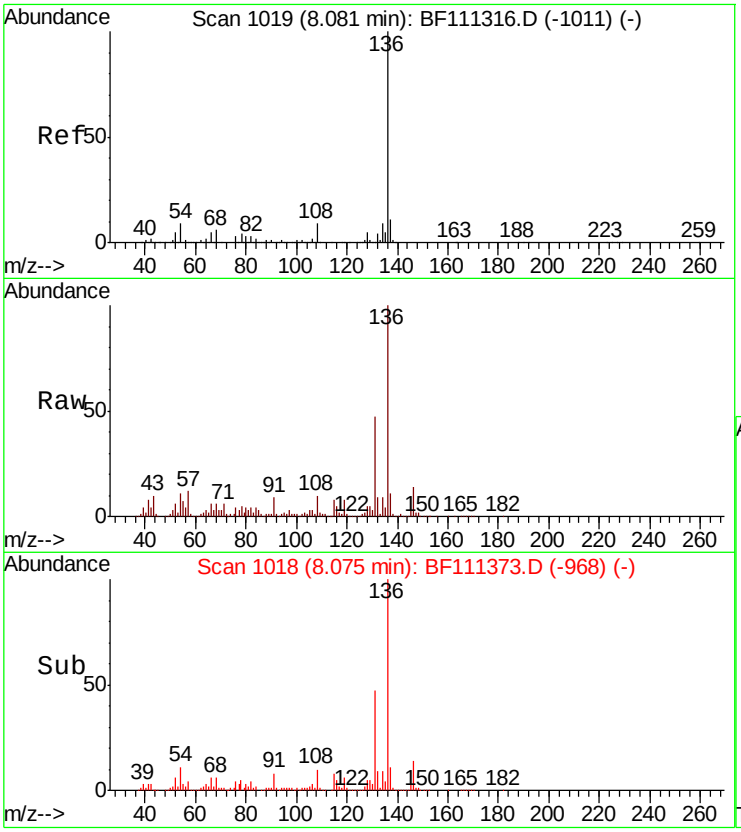


#18
Hexachloroethane
Concen: 32.037 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:117 Resp: 218831

Ion	Ratio	Lower	Upper
117	100		
119	581.6	75.4	113.0#
201	0.0	62.4	93.6#



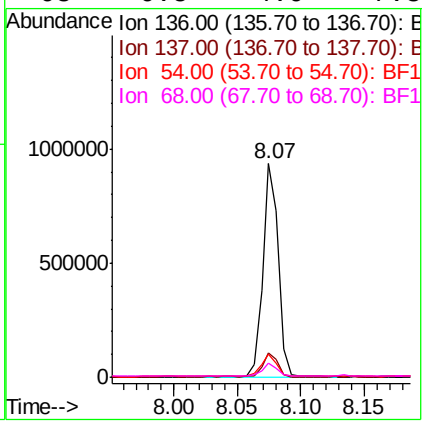


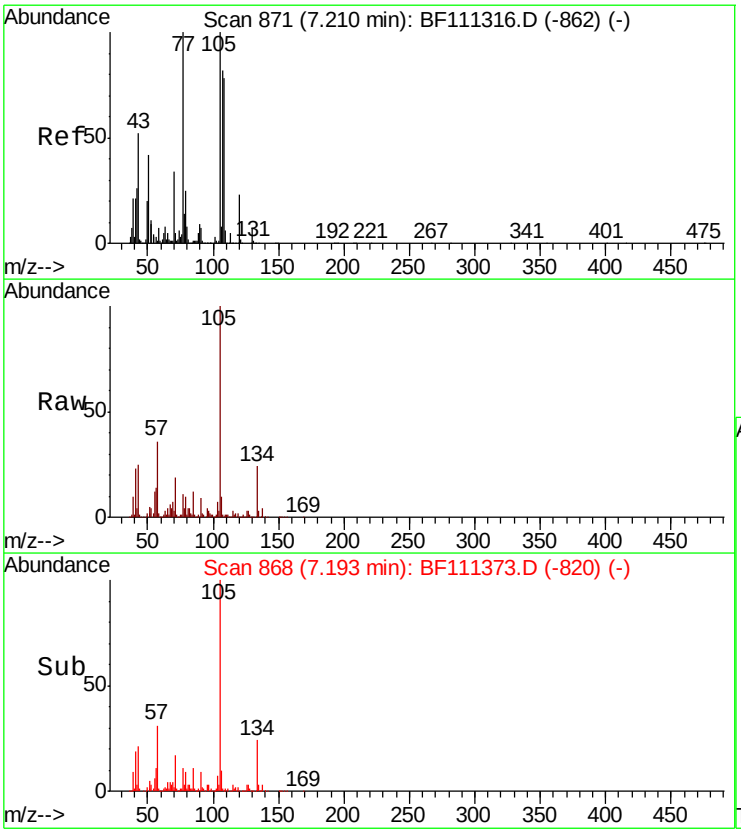
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:136 Resp: 802019

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.9	7.7	11.5
68	6.5	4.9	7.3

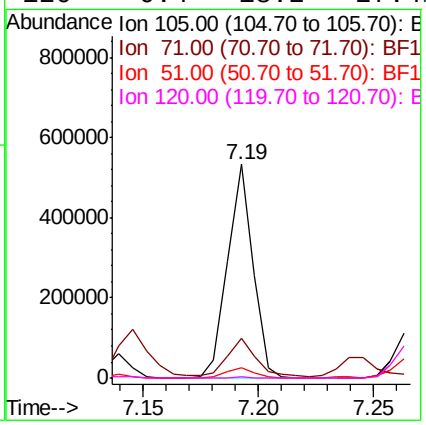




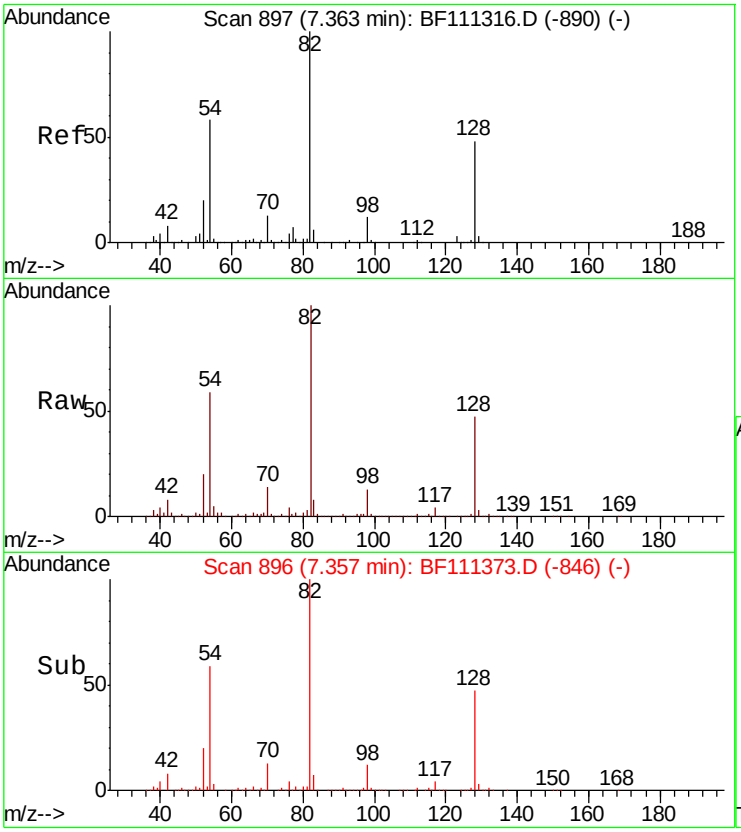
#22
Acetophenone
Concen: 21.842 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:105 Resp: 406917

Ion	Ratio	Lower	Upper
105	100		
71	18.5	3.1	4.7#
51	4.9	36.6	54.8#
120	0.4	18.2	27.4#



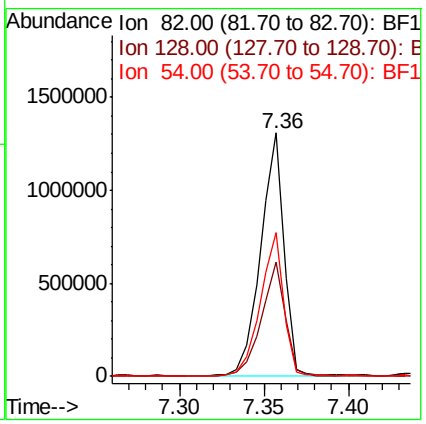
Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

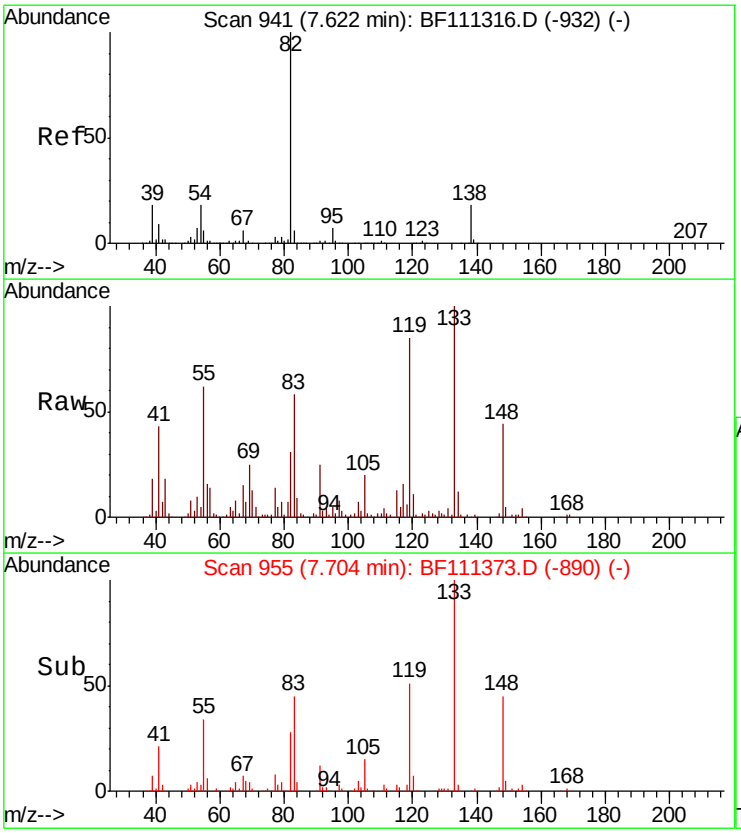


#23
Nitrobenzene-d5
Concen: 87.941 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion: 82 Resp: 1251352

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.4	56.2
54	59.0	47.6	71.4

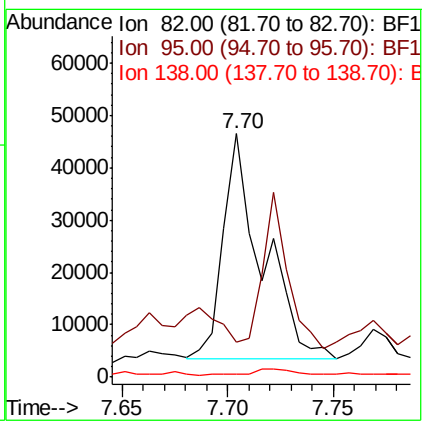


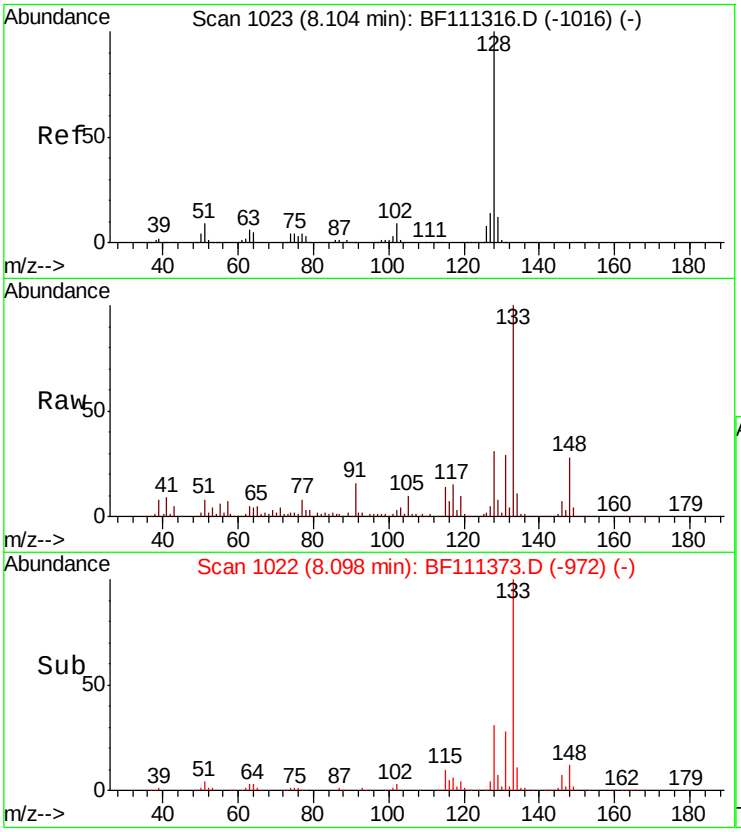


#25
Isophorone
Concen: 2.262 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.08 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion: 82 Resp: 54684

Ion	Ratio	Lower	Upper
82	100		
95	14.5	5.4	8.2#
138	1.0	15.1	22.7#



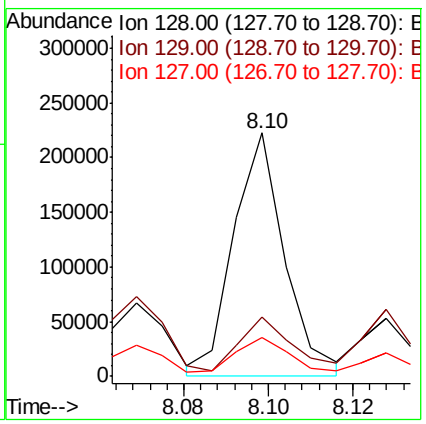


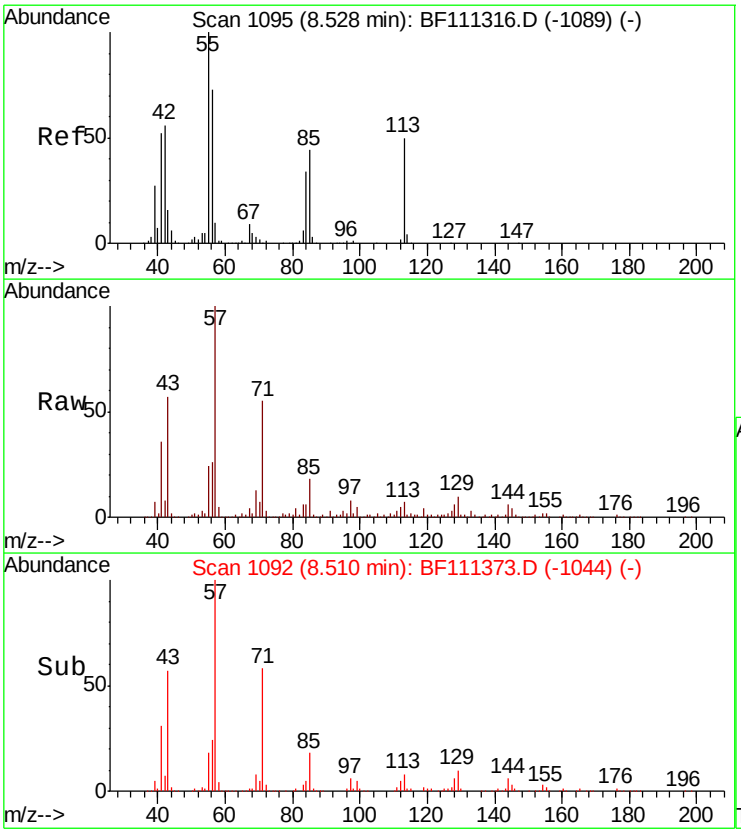
#31
Naphthalene
Concen: 4.964 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:128 Resp: 185494

Ion	Ratio	Lower	Upper
128	100		
129	24.2	9.8	14.8#
127	15.9	12.0	18.0

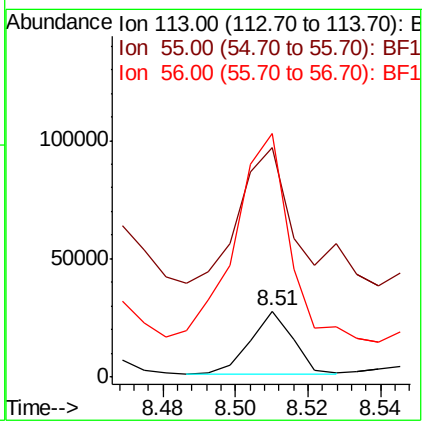


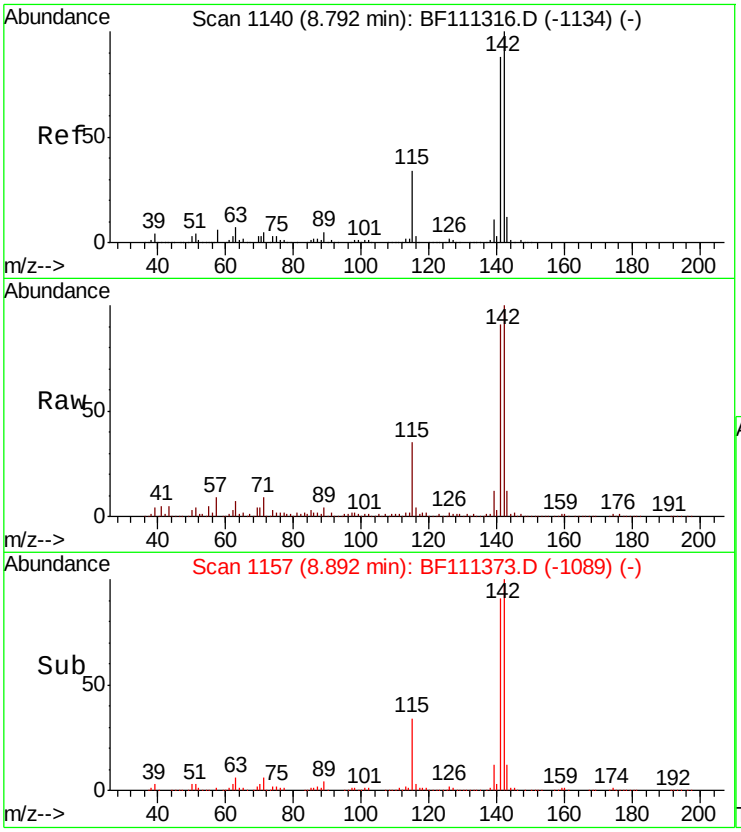


#35
Caprolactam
Concen: 5.346 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:113 Resp: 21369

Ion	Ratio	Lower	Upper
113	100		
55	346.1	184.1	224.1#
56	368.1	126.0	166.0#



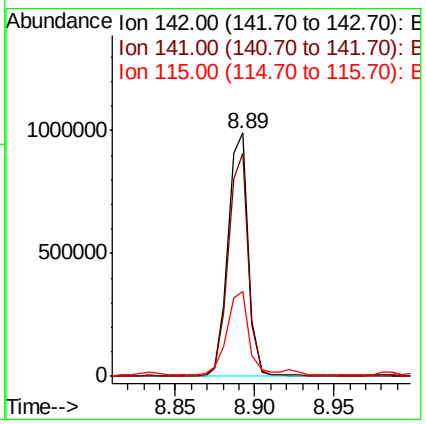


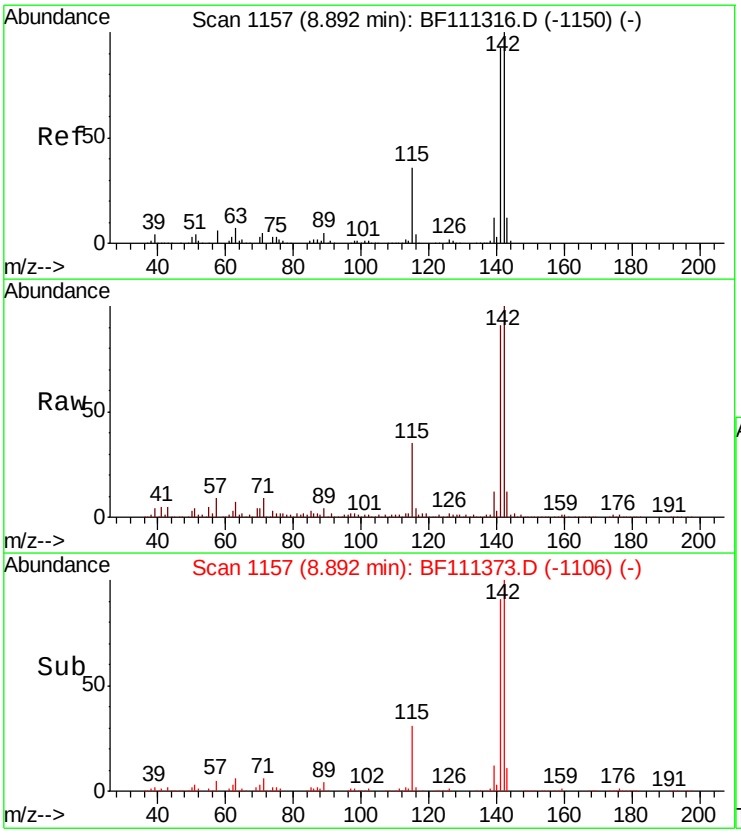
#37
2-Methylnaphthalene
Concen: 36.359 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.10 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:142 Resp: 878262

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.6	105.8
115	34.8	27.0	40.6

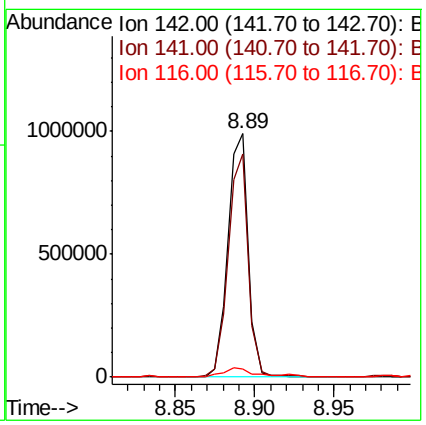


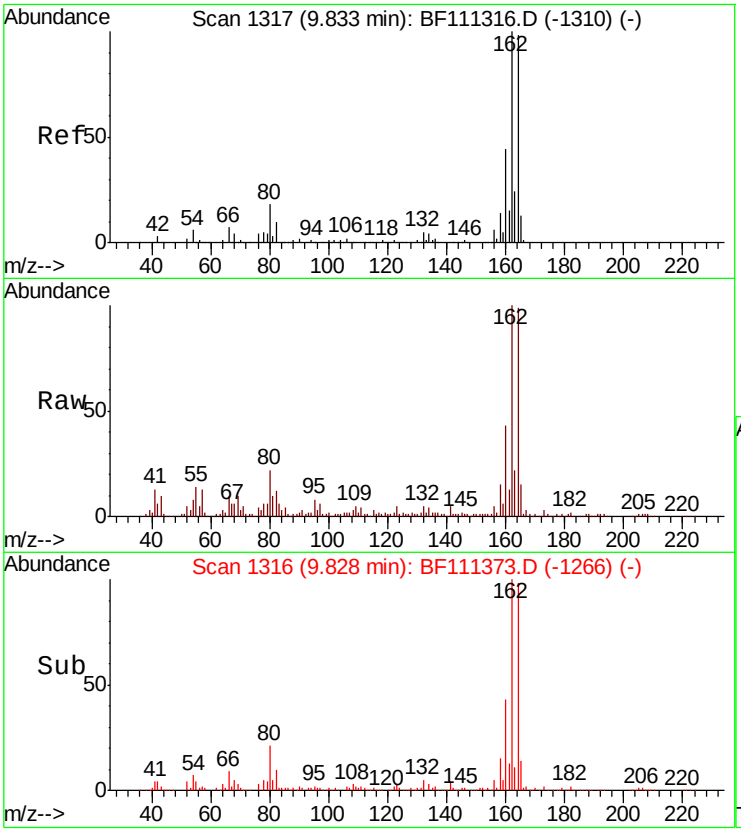


#38
1-Methylnaphthalene
Concen: 37.672 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:142 Resp: 878262

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	3.6	2.9	4.3



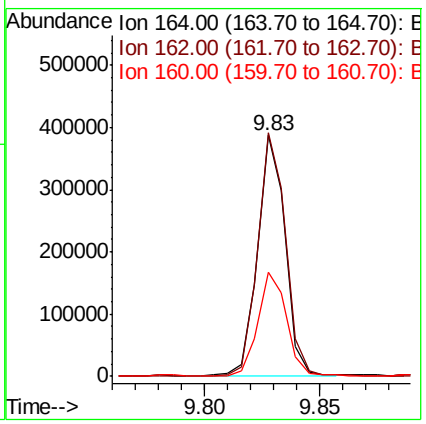


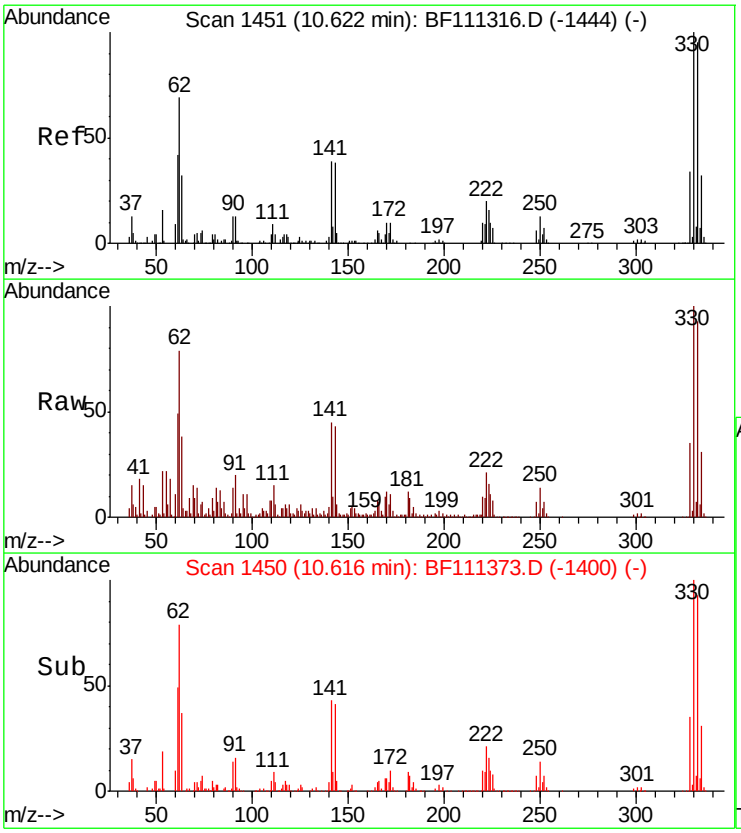
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:164 Resp: 319271

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	43.2	35.7	53.5

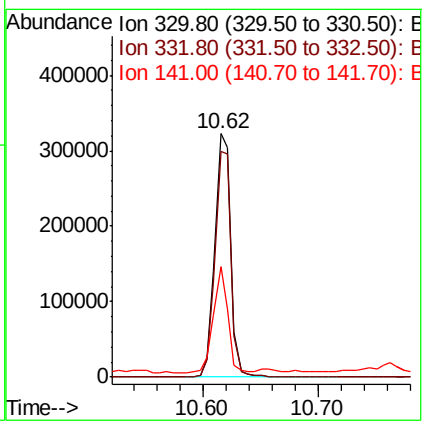


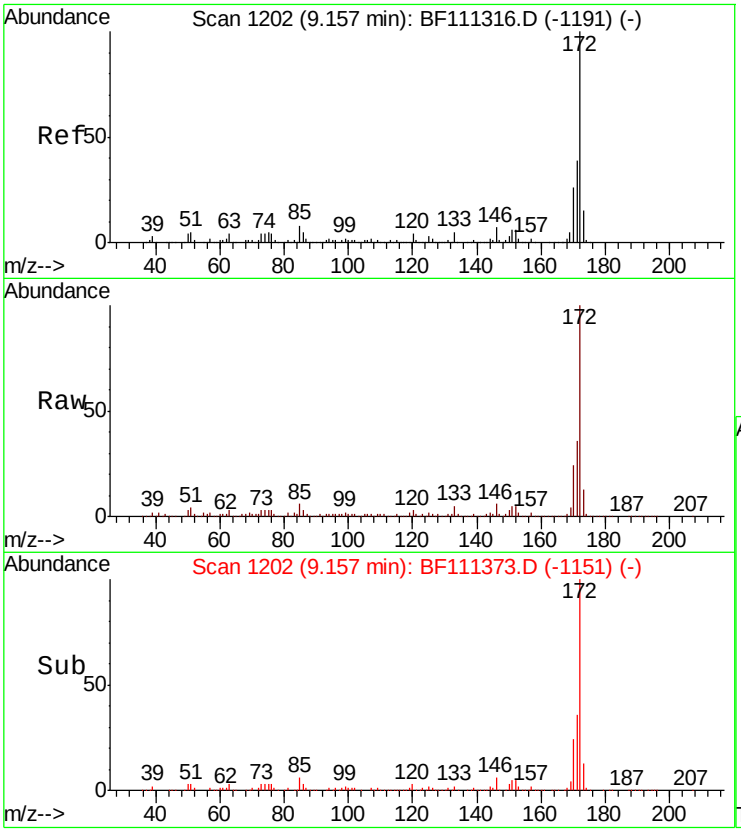


#42
2,4,6-Tribromophenol
Concen: 110.052 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:330 Resp: 309731

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.0	114.0
141	39.1	31.0	46.6



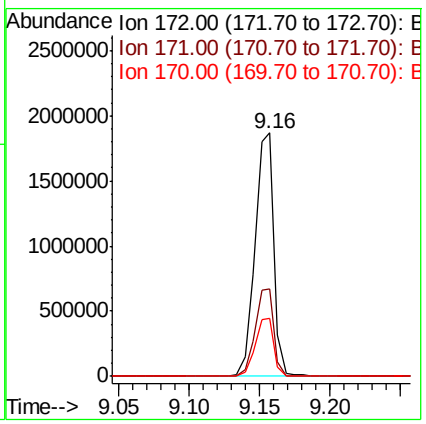


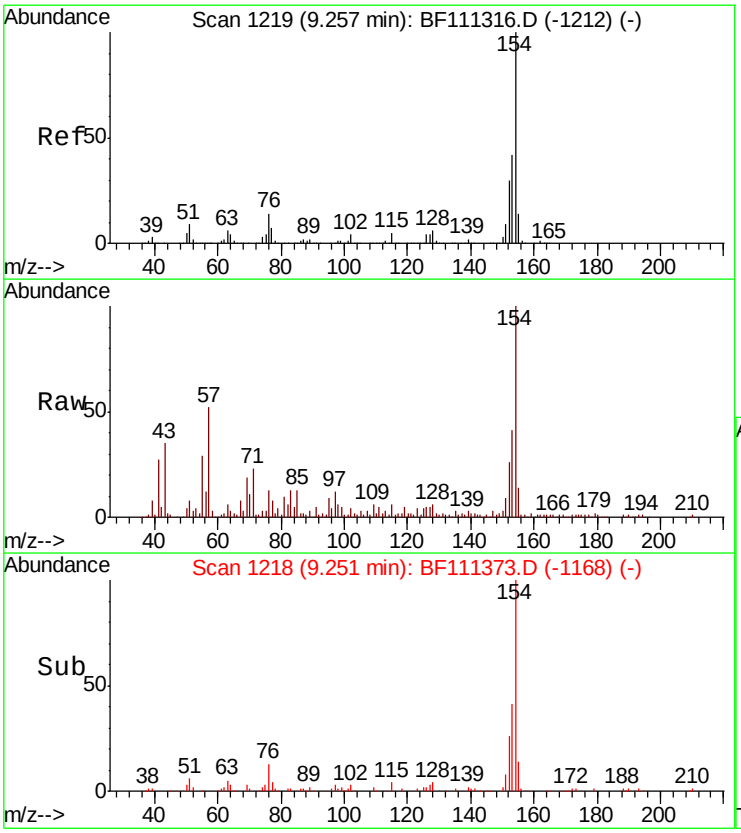
#45
2-Fluorobiphenyl
Concen: 88.671 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:172 Resp: 1763332

Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.0	49.4
170	23.7	22.3	33.5

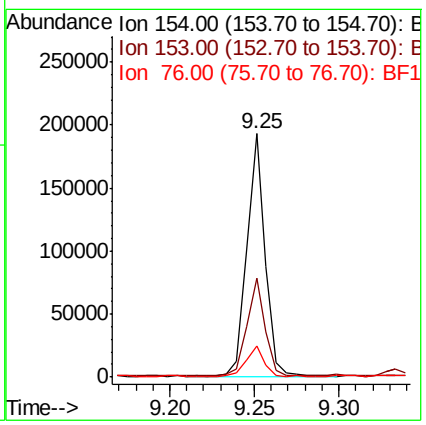


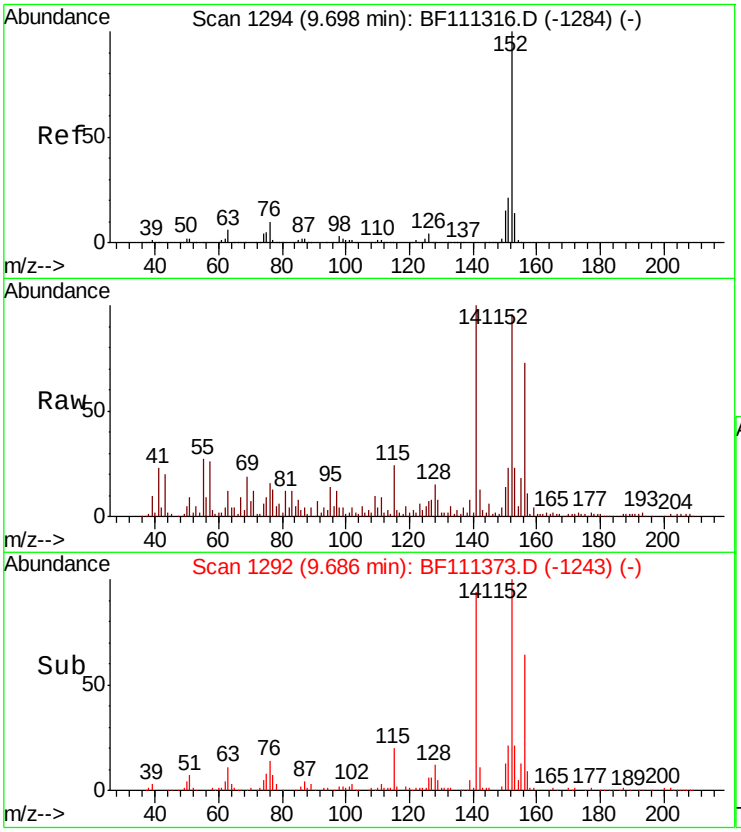


#46
1,1'-Biphenyl
Concen: 5.350 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:154 Resp: 145730

Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.7	63.7
76	12.9	0.0	35.0



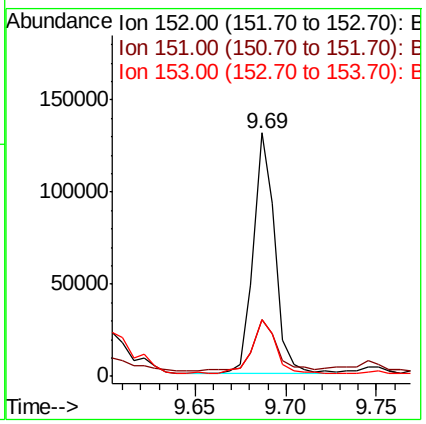


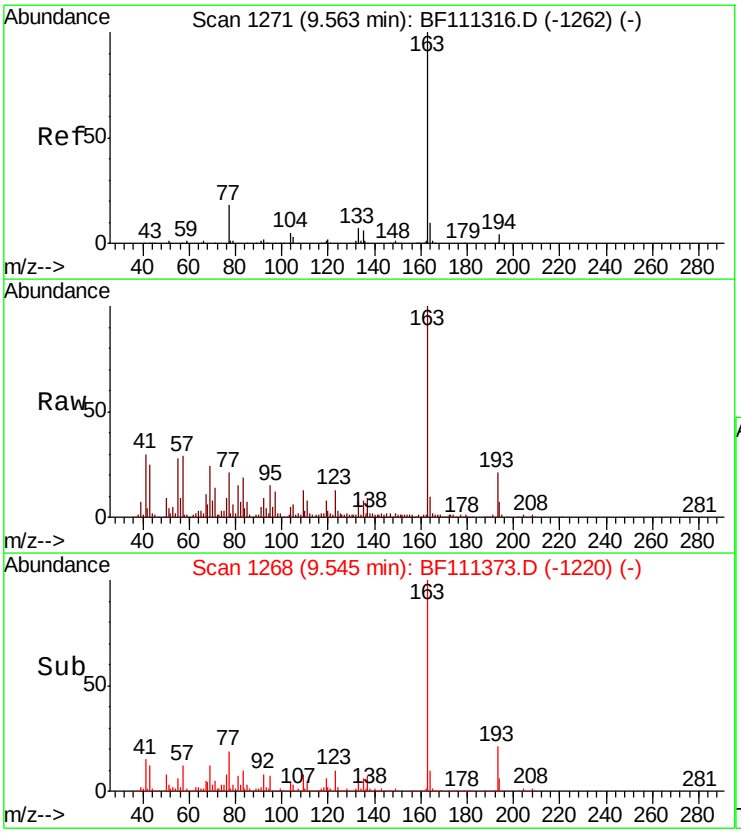
#49
Acenaphthylene
Concen: 3.544 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:152 Resp: 108033

Ion	Ratio	Lower	Upper
152	100		
151	23.5	18.0	27.0
153	23.4	12.3	18.5#

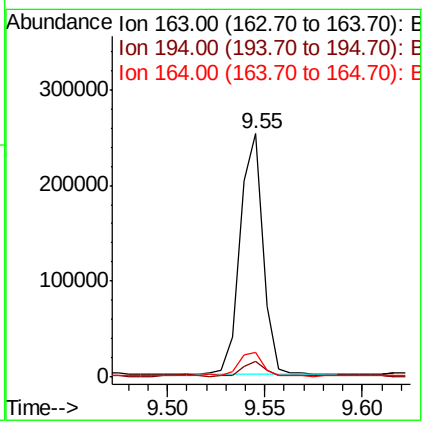


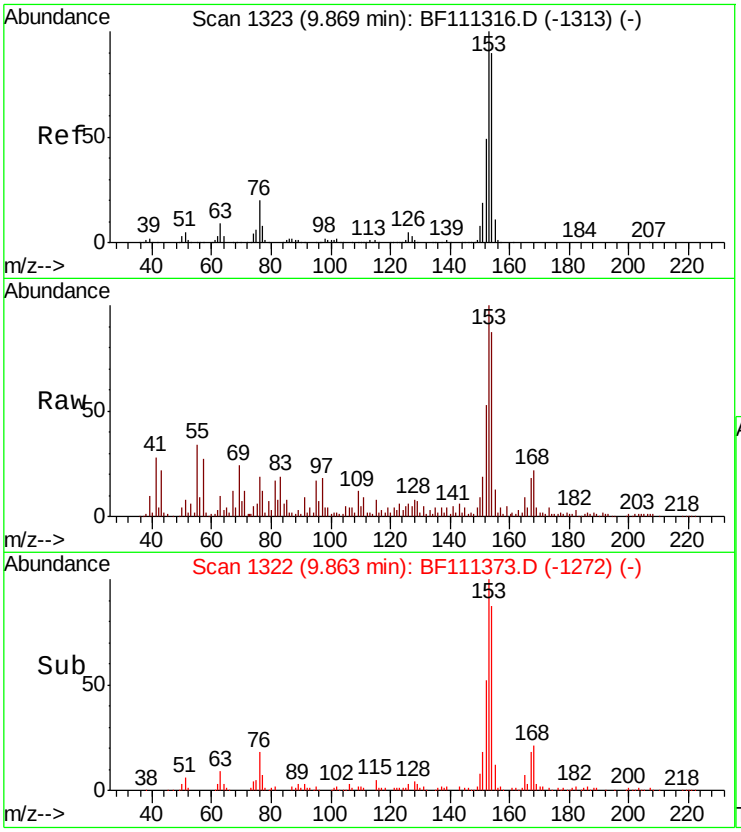


#50
Dimethylphthalate
Concen: 8.988 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:163 Resp: 206366

Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.0	4.6#
164	10.4	8.9	13.3



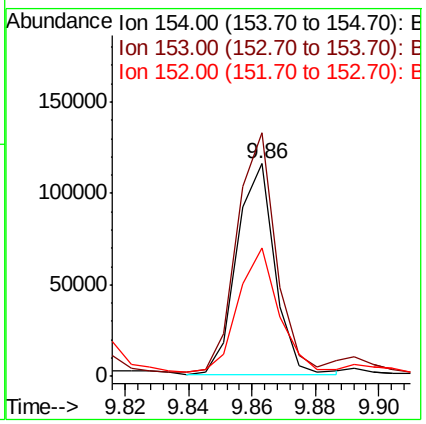


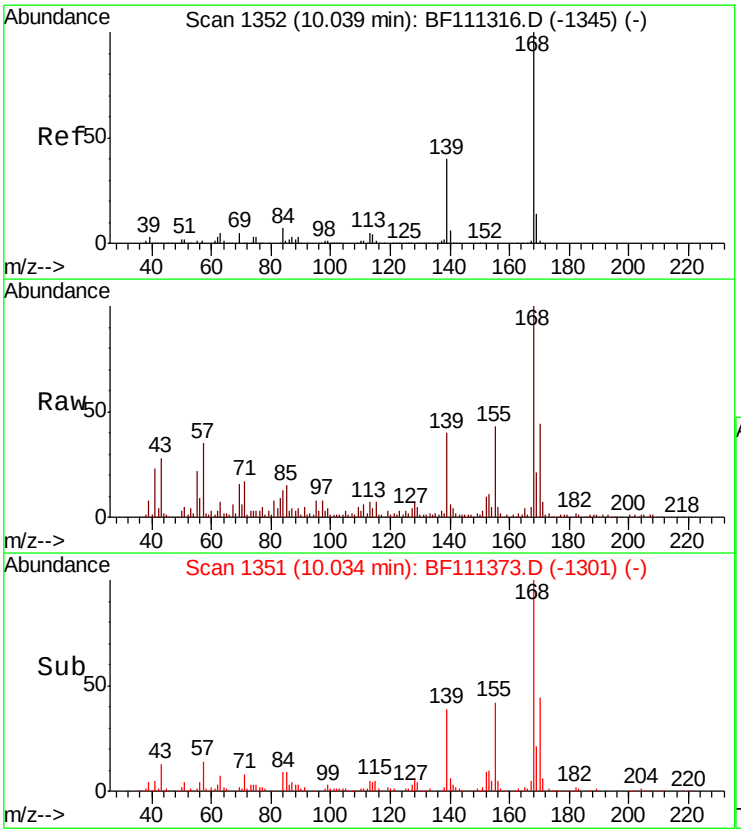
#52
Acenaphthene
Concen: 4.953 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:154 Resp: 95216

Ion	Ratio	Lower	Upper
154	100		
153	114.4	87.8	131.8
152	60.3	43.4	65.2

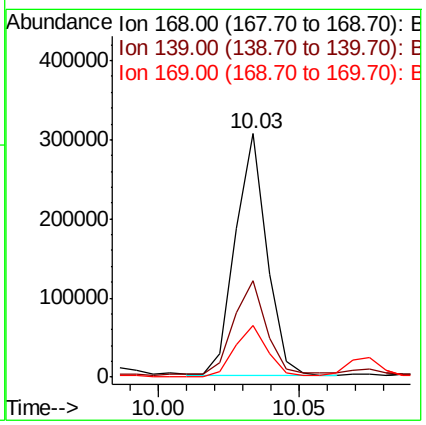


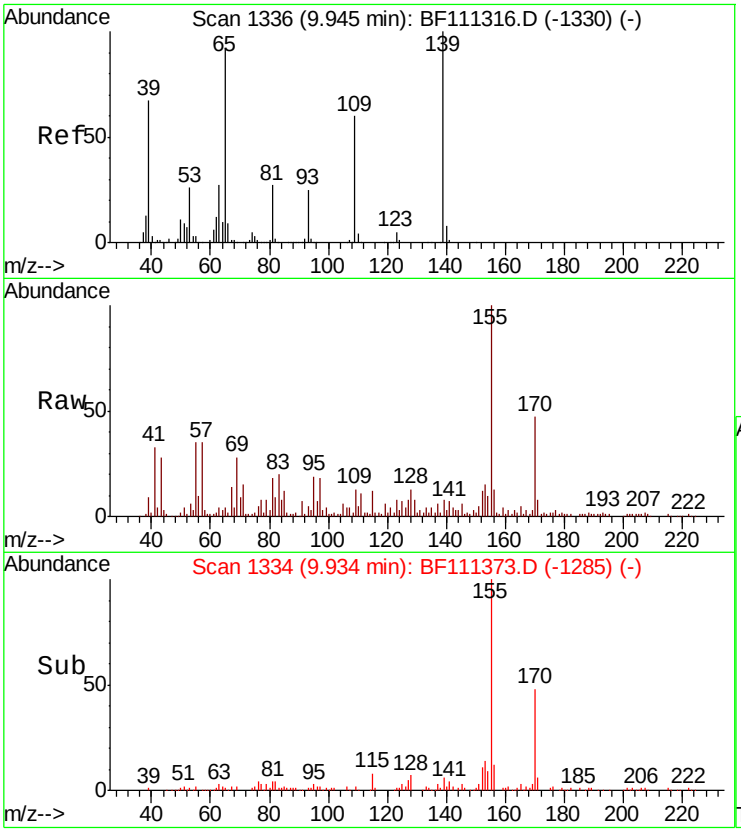


#55
Dibenzofuran
Concen: 8.568 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:168 Resp: 237786

Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.6	49.0
169	21.1	11.8	17.6#



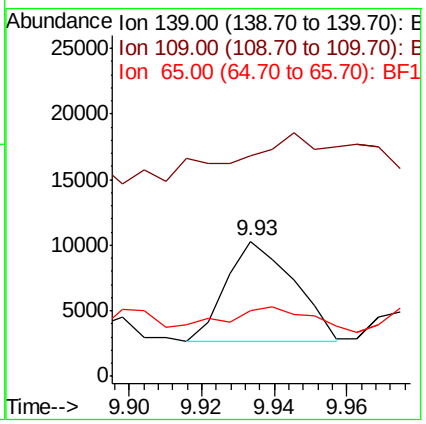


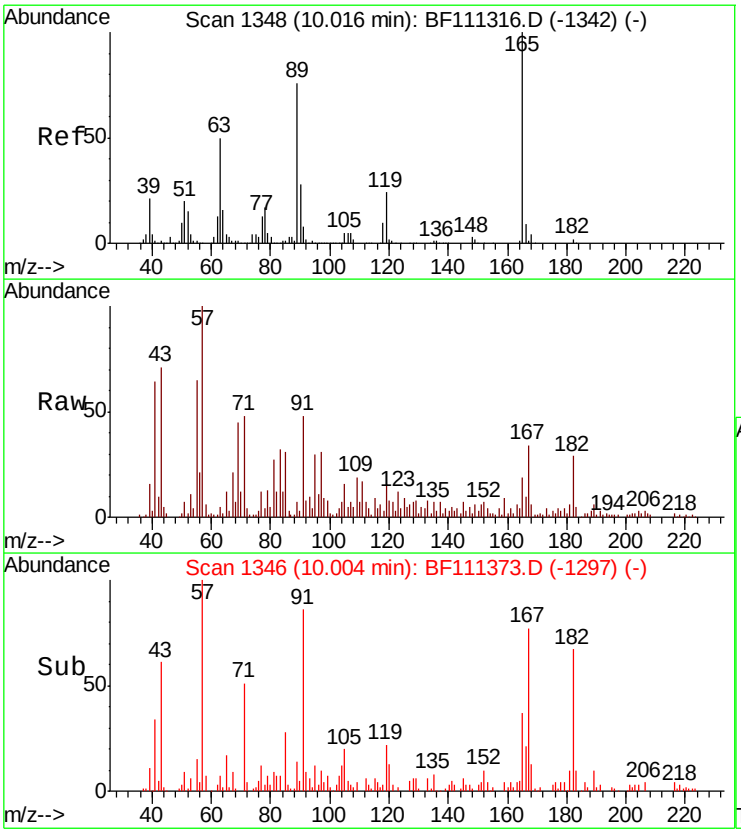
#56
4-Nitrophenol
Concen: 2.232 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:139 Resp: 9831

Ion	Ratio	Lower	Upper
139	100		
109	163.6	41.8	81.8#
65	48.3	79.6	119.6#

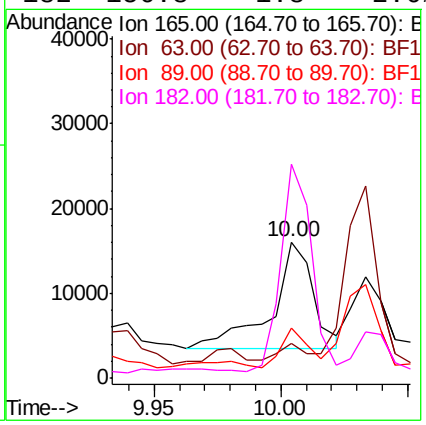


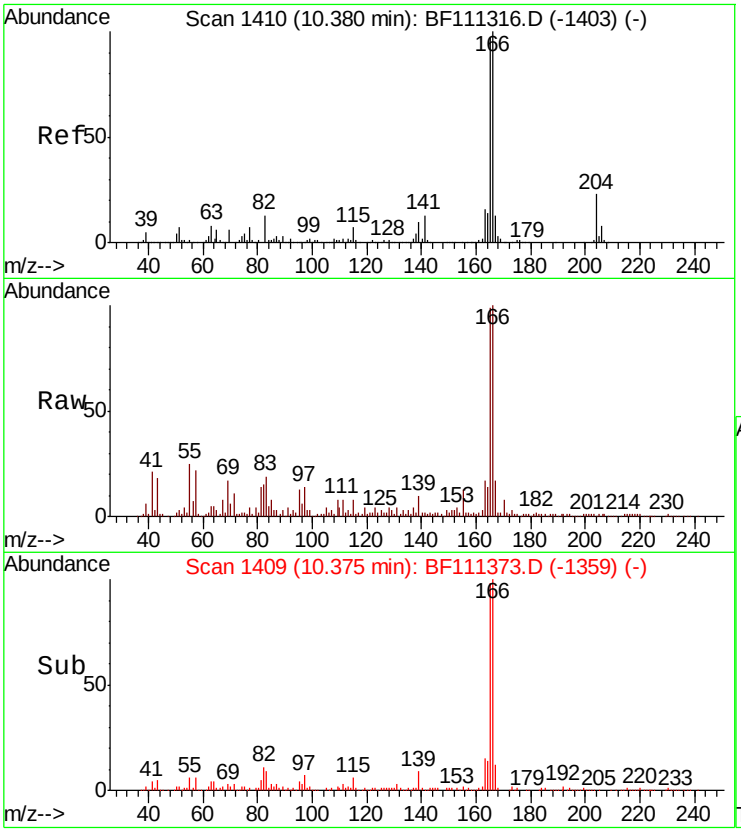


#57
2,4-Dinitrotoluene
Concen: 2.235 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:165 Resp: 14576

Ion	Ratio	Lower	Upper
165	100		
63	25.3	34.6	52.0#
89	36.9	56.2	84.4#
182	156.8	1.8	2.6#



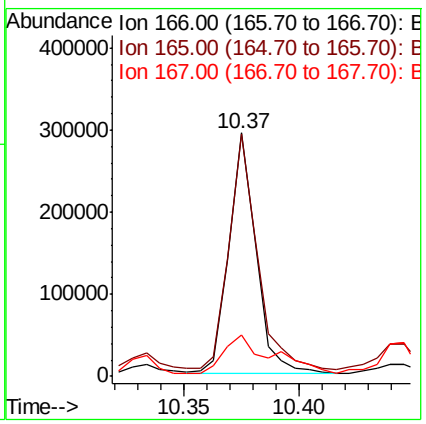


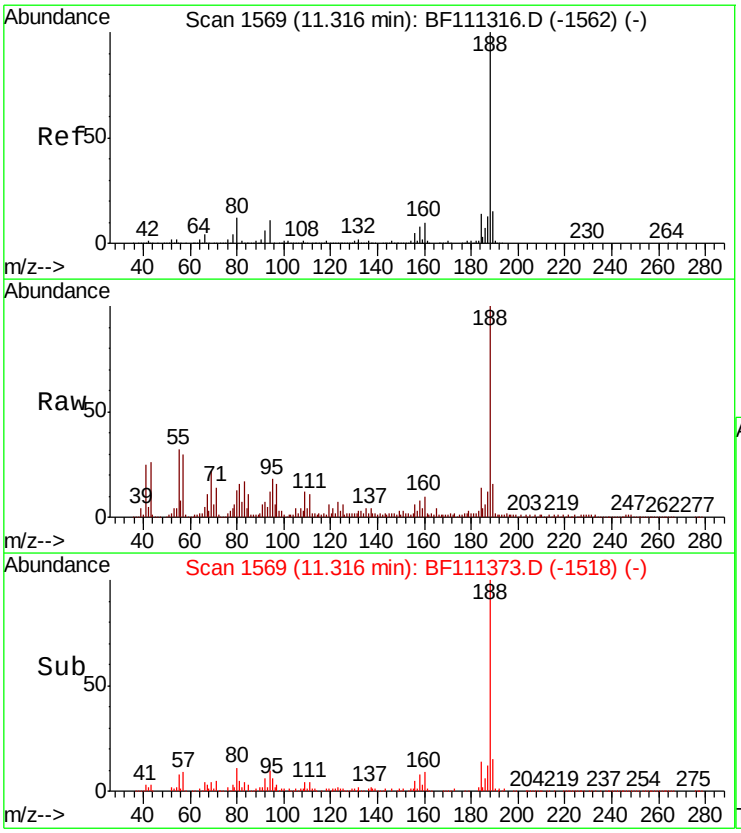
#58
Fluorene
Concen: 12.071 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:166 Resp: 239646

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.4	117.6
167	16.9	11.2	16.8#

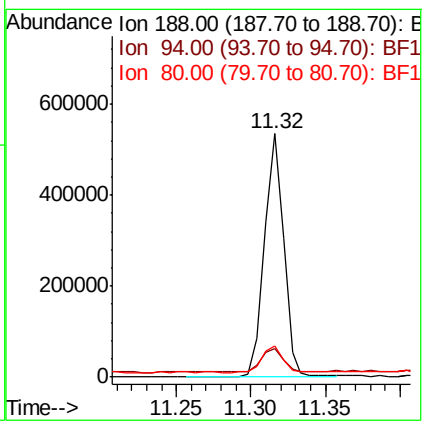


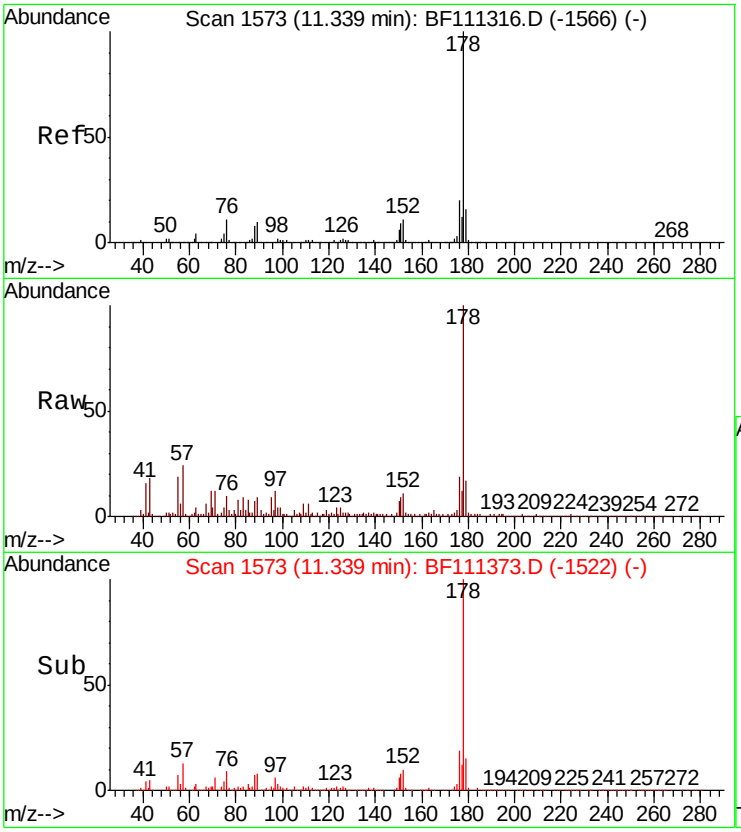


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:188 Resp: 473440

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.6	14.4
80	12.8	9.8	14.6



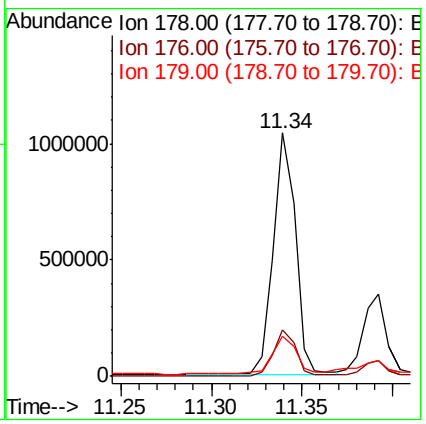


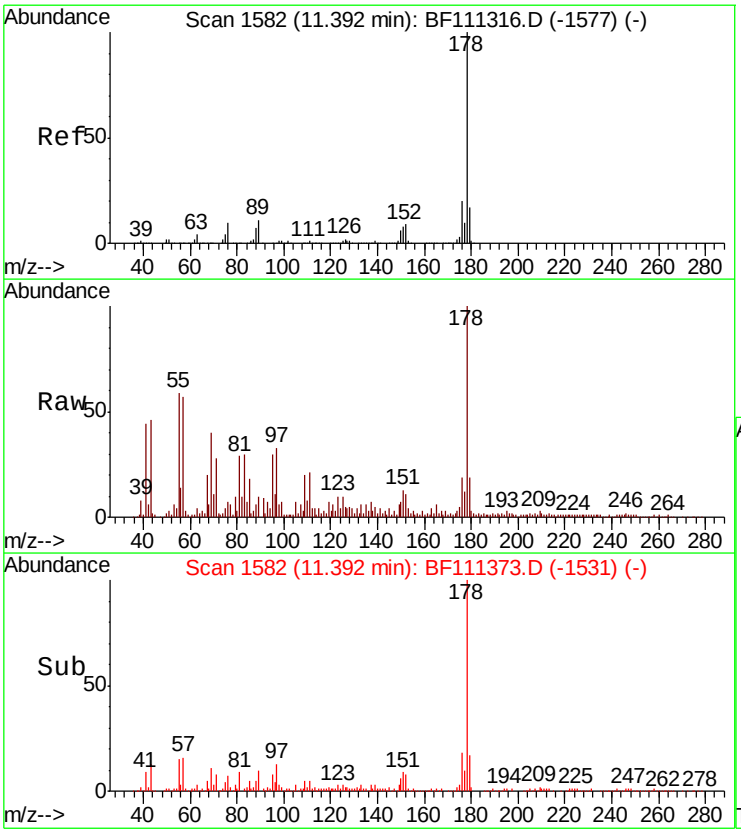
#71
Phenanthrene
Concen: 36.772 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:178 Resp: 899845

Ion	Ratio	Lower	Upper
178	100		
176	19.3	18.1	27.1
179	16.7	14.0	21.0

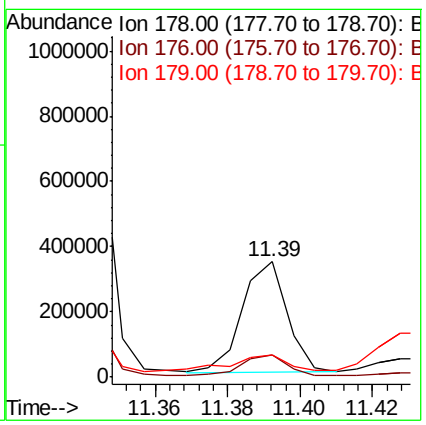


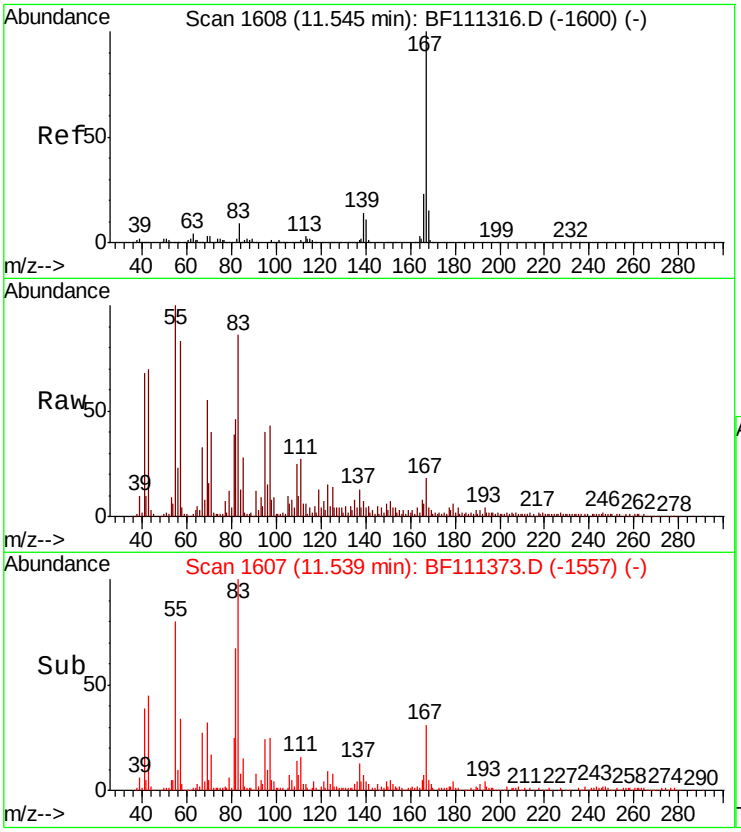


#72
Anthracene
Concen: 11.869 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:178 Resp: 295736

Ion	Ratio	Lower	Upper
178	100		
176	18.7	17.2	25.8
179	19.0	13.8	20.8



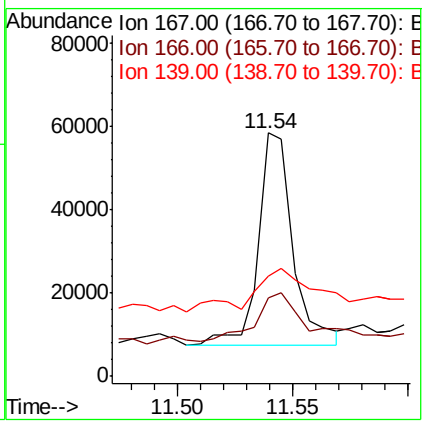


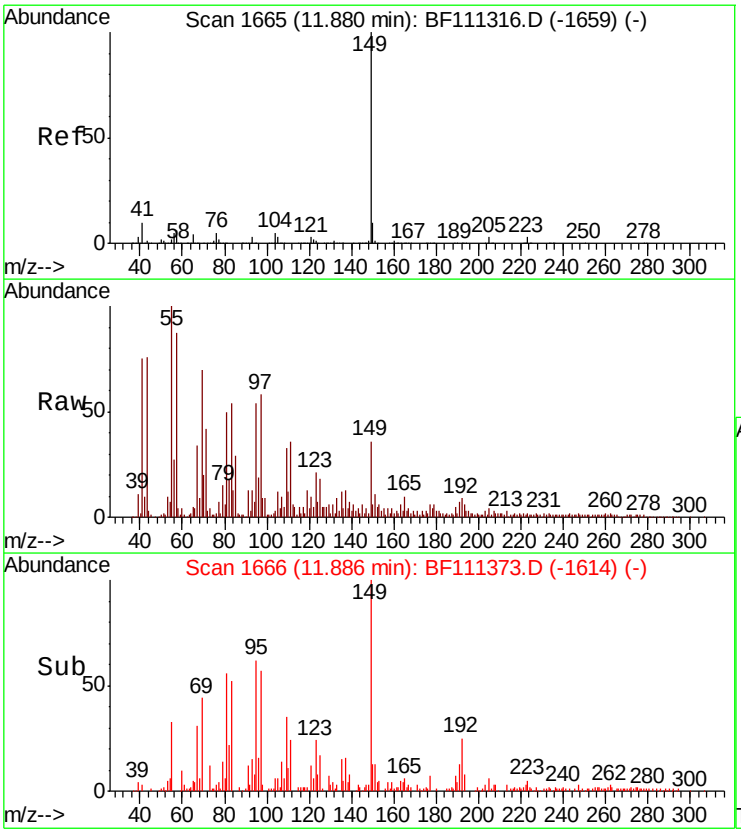
#73
Carbazole
Concen: 2.081 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:167 Resp: 53611

Ion	Ratio	Lower	Upper
167	100		
166	32.4	19.3	28.9#
139	41.2	11.9	17.9#

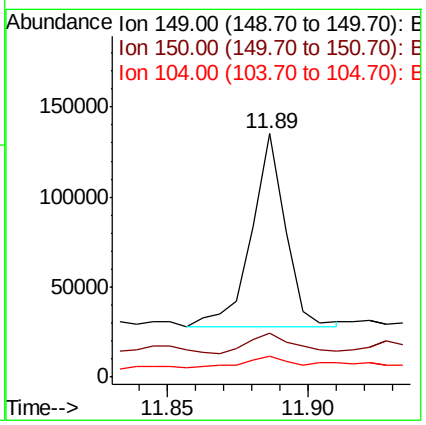


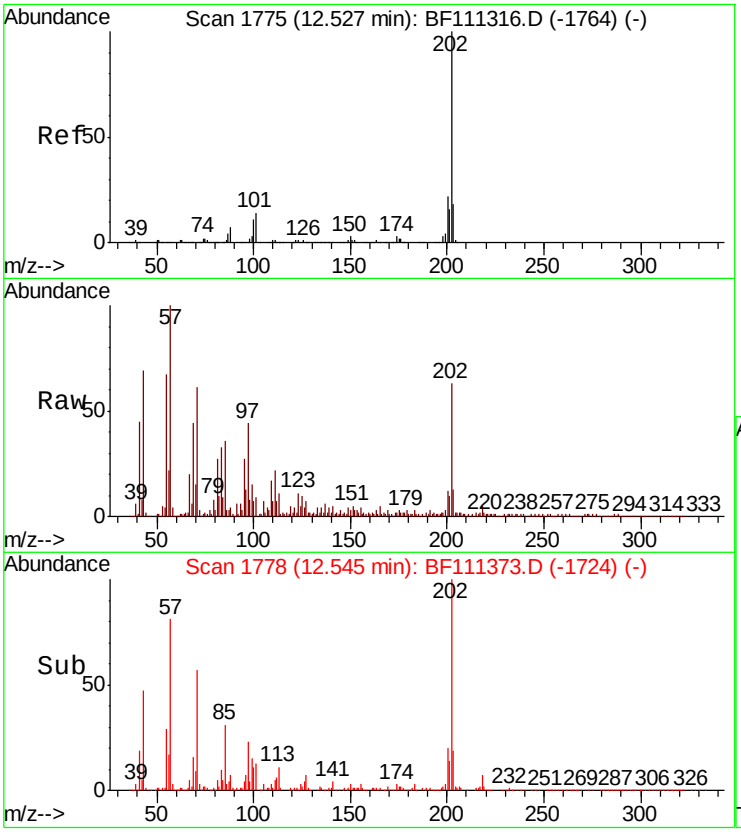


#74
Di-n-butylphthalate
Concen: 3.070 ng
RT: 11.89 min Scan# 1666
Delta R.T. 0.01 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:149 Resp: 90052

Ion	Ratio	Lower	Upper
149	100		
150	18.0	8.8	13.2#
104	8.7	4.5	6.7#



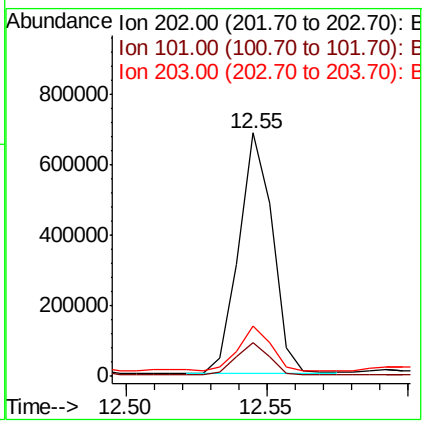


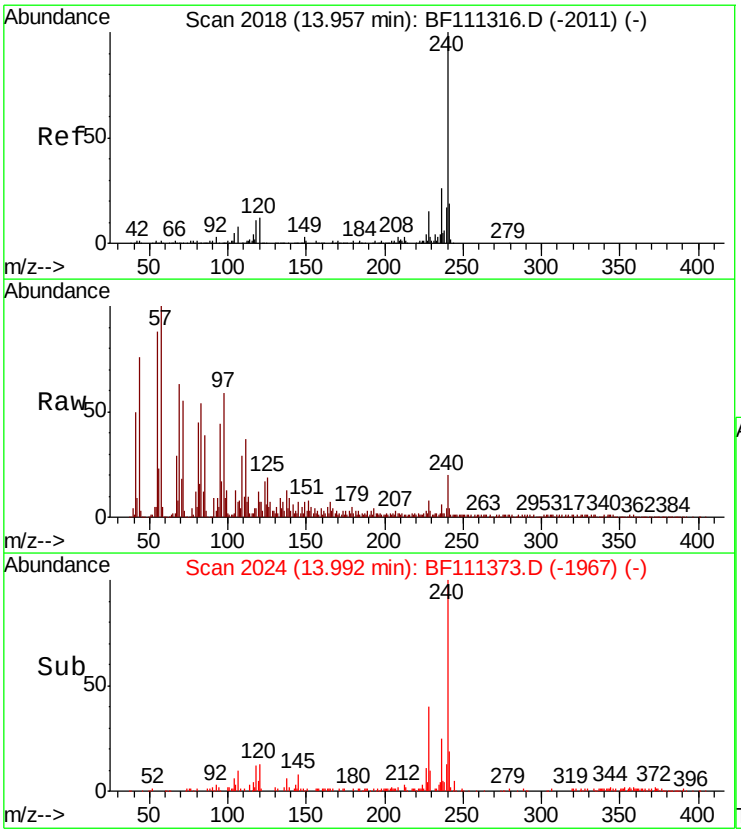
#75
Fluoranthene
Concen: 23.851 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.02 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:202 Resp: 569781

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.8
203	20.6	0.0	38.6

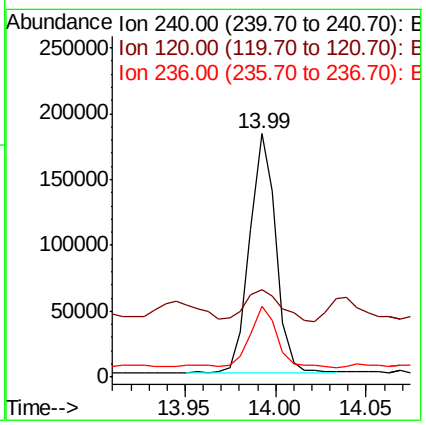


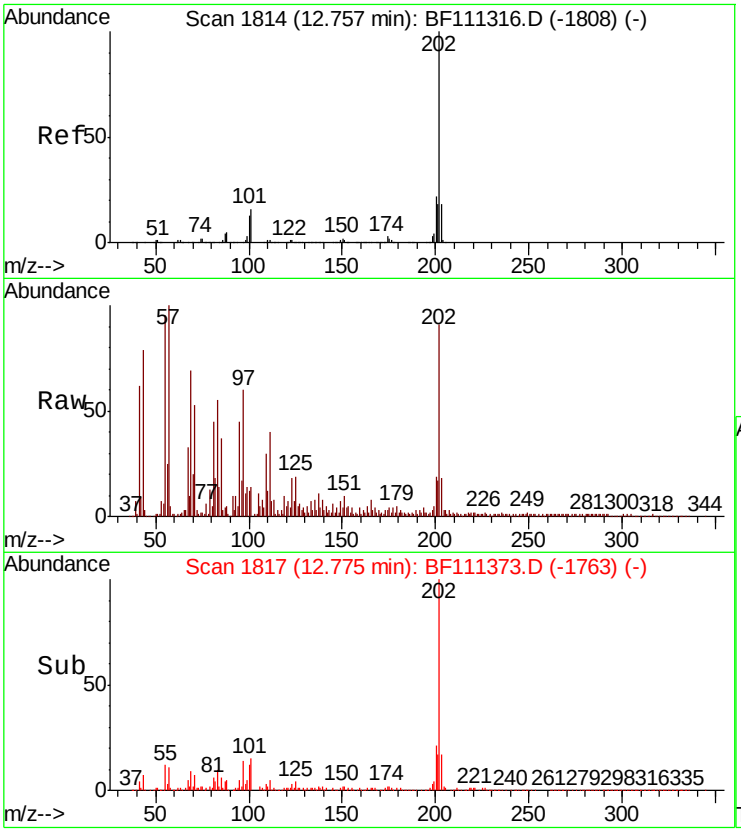


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.04 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:240 Resp: 181223

Ion	Ratio	Lower	Upper
240	100		
120	36.1	12.2	18.2#
236	29.1	20.2	30.2



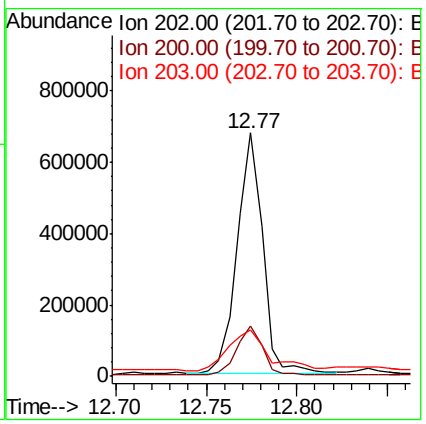


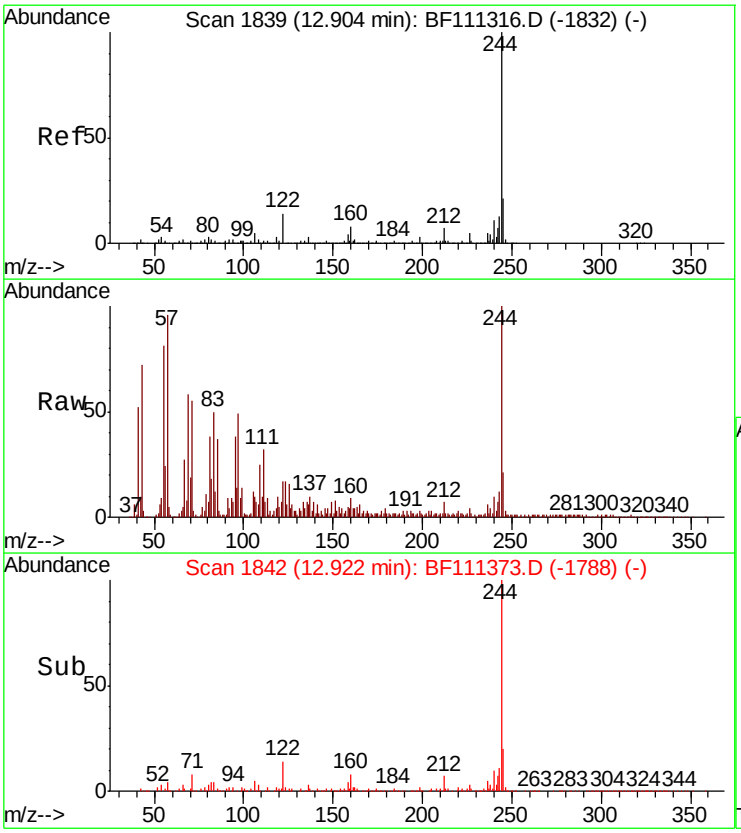
#78
Pyrene
Concen: 47.308 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.02 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:202 Resp: 661661

Ion	Ratio	Lower	Upper
202	100		
200	20.9	19.0	28.4
203	19.3	15.2	22.8

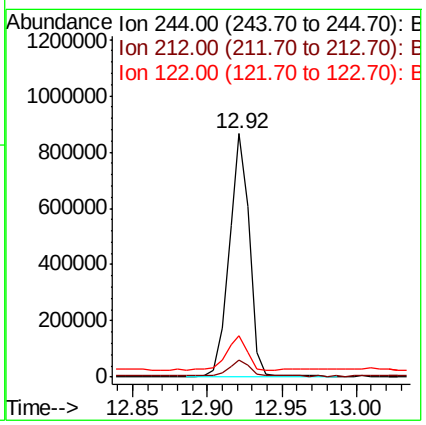


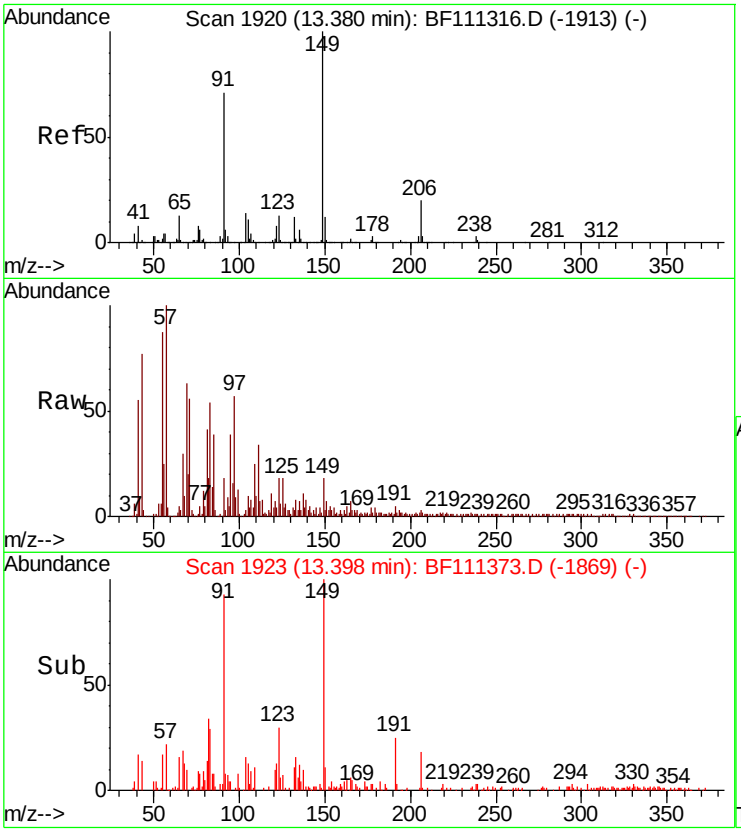


#79
Terphenyl-d14
Concen: 98.914 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.02 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:244 Resp: 814446

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	16.9	13.1	19.7



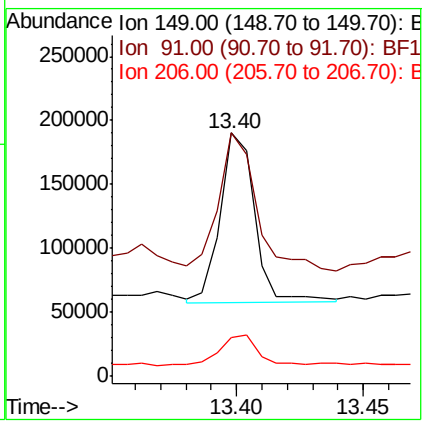


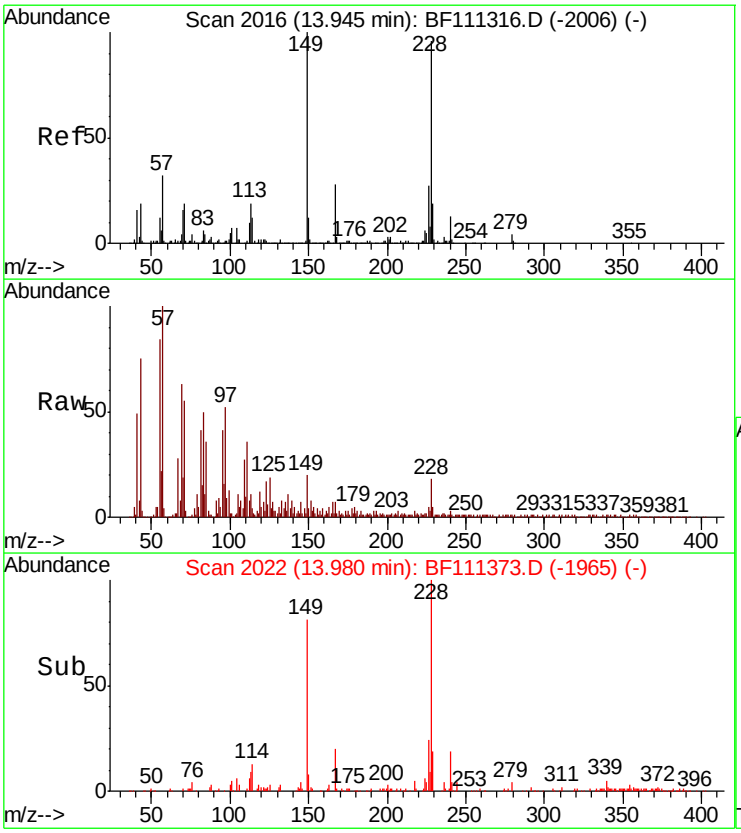
#80
Butylbenzylphthalate
Concen: 18.590 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.02 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:149 Resp: 124835

Ion	Ratio	Lower	Upper
149	100		
91	100.0	63.8	95.6#
206	15.9	15.1	22.7

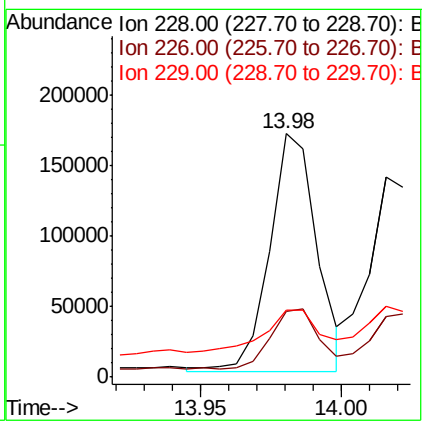


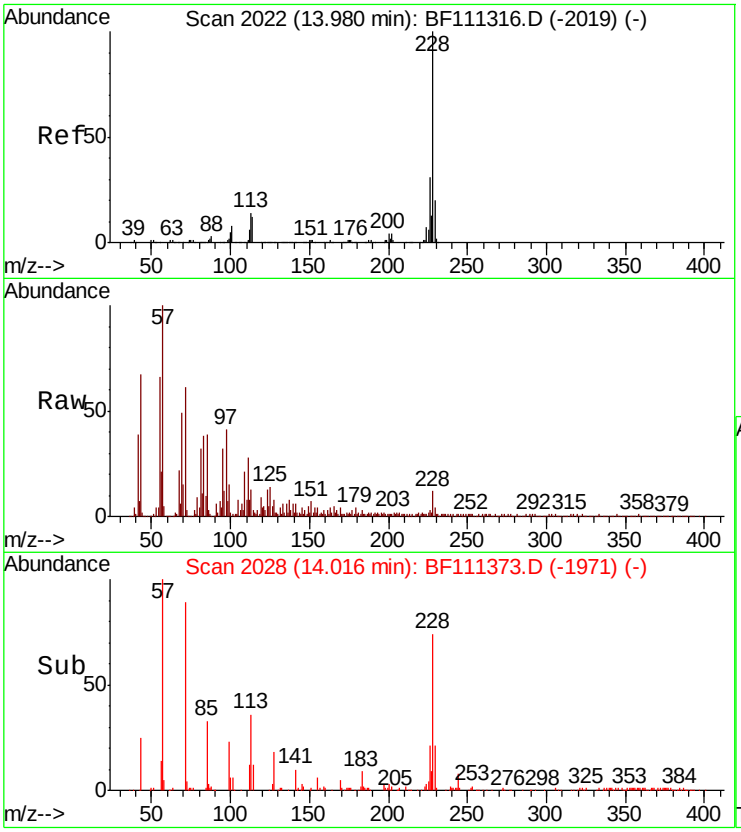


#81
Benzo(a)anthracene
Concen: 19.257 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.04 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:228 Resp: 195256

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	34.0
229	27.3	16.3	24.5#



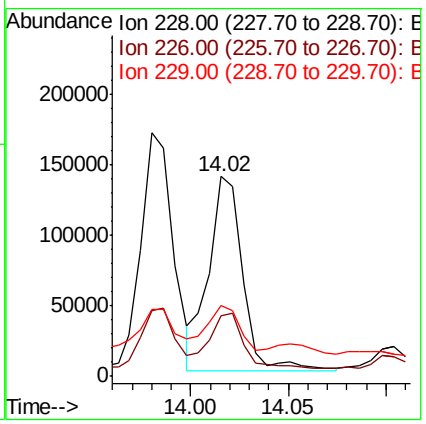


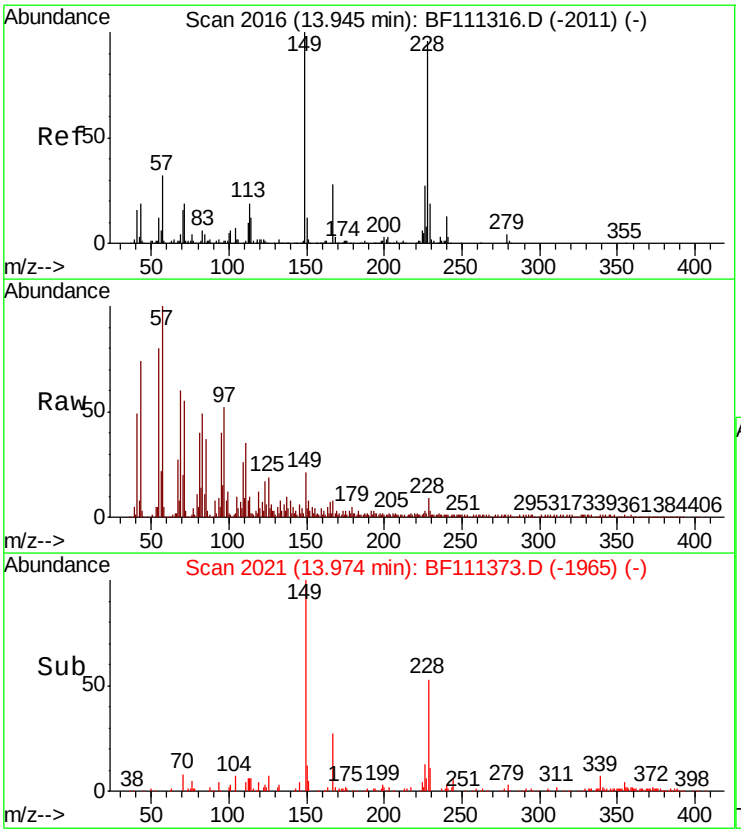
#83
Chrysene
Concen: 16.238 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.04 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:228 Resp: 167980

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	35.4	17.2	25.8#

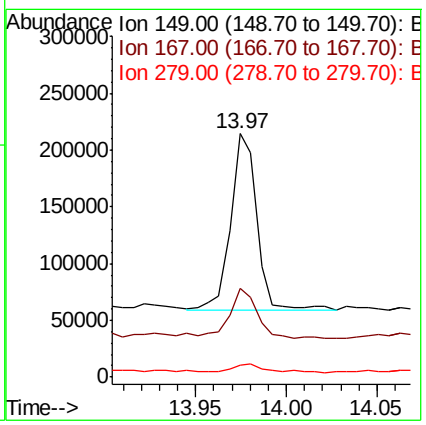


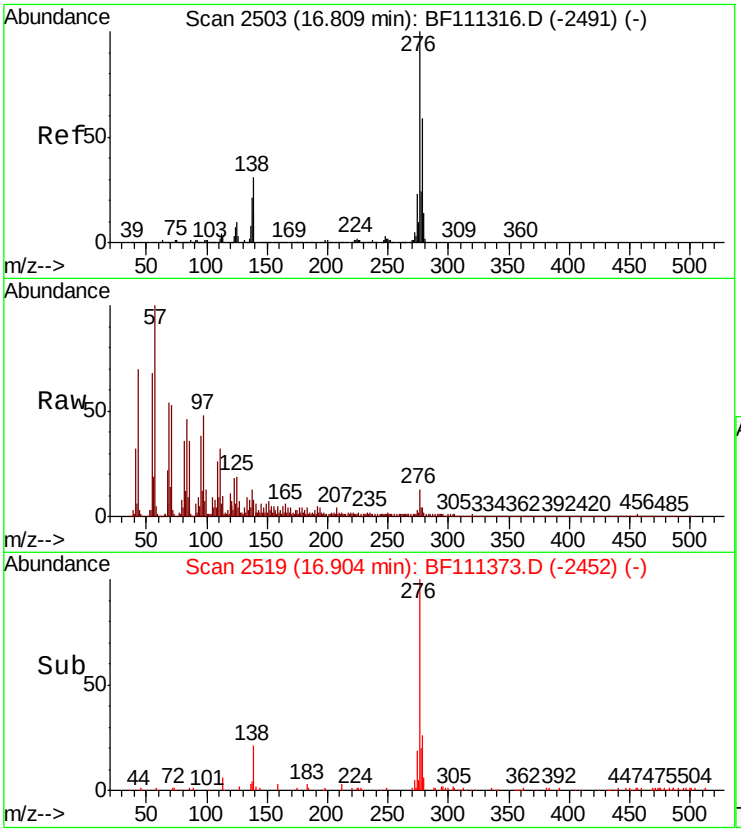


#84
Bis(2-ethylhexyl)phthalate
Concen: 18.894 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.03 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:149 Resp: 155105

Ion	Ratio	Lower	Upper
149	100		
167	36.3	22.5	33.7#
279	4.8	2.6	4.0#



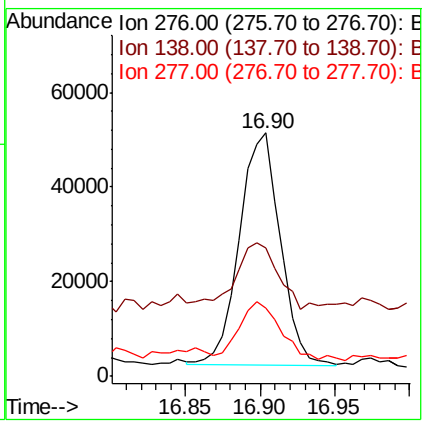


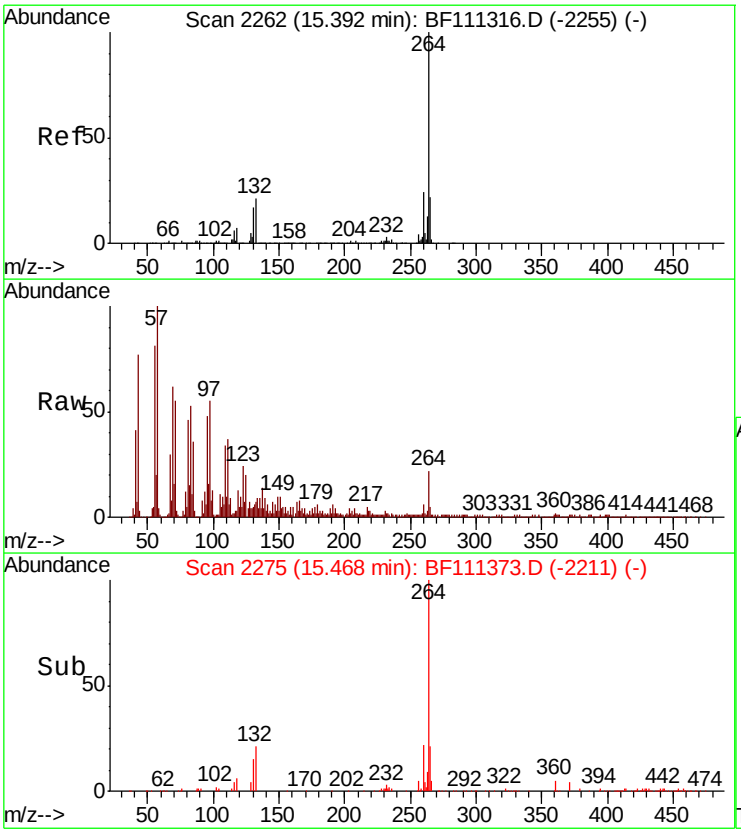
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.426 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.09 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:276 Resp: 92446

Ion	Ratio	Lower	Upper
276	100		
138	31.9	27.8	41.6
277	26.8	20.1	30.1

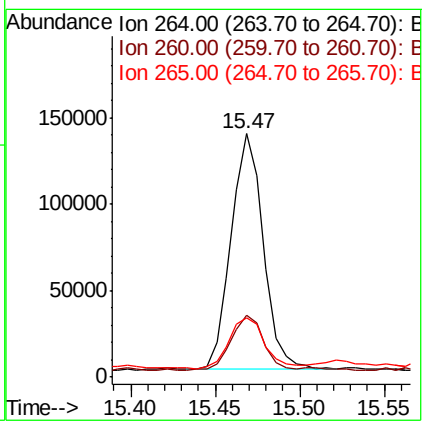


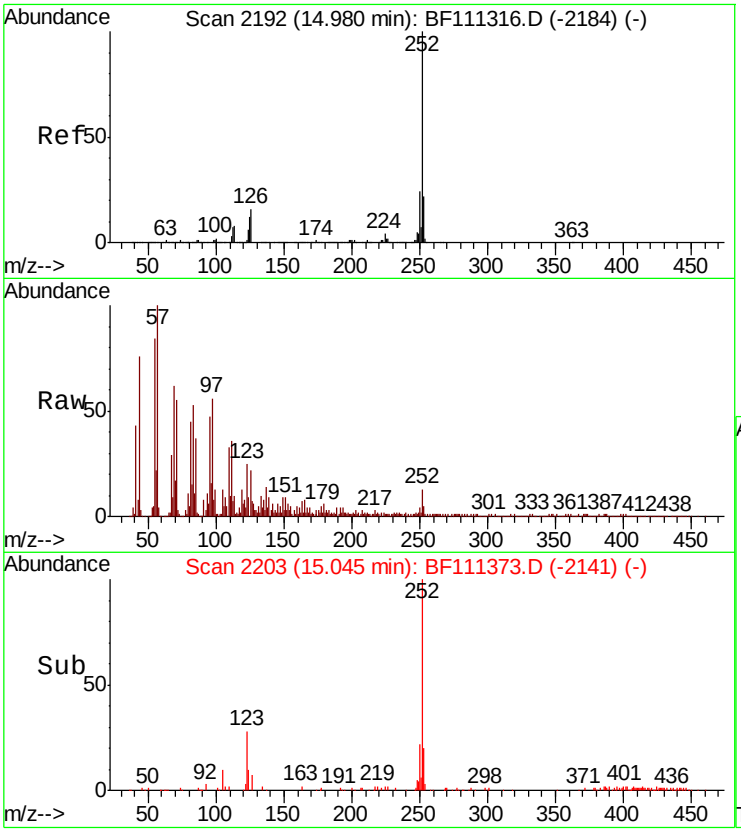


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.08 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:264 Resp: 181031

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.3	27.5
265	24.3	17.7	26.5



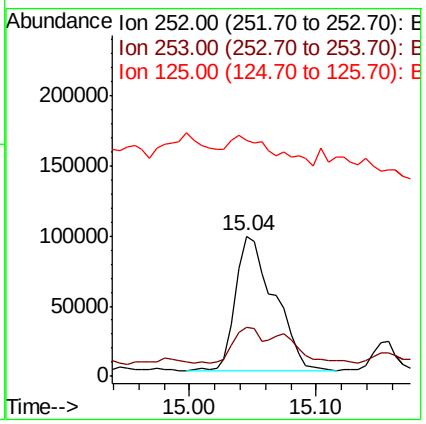


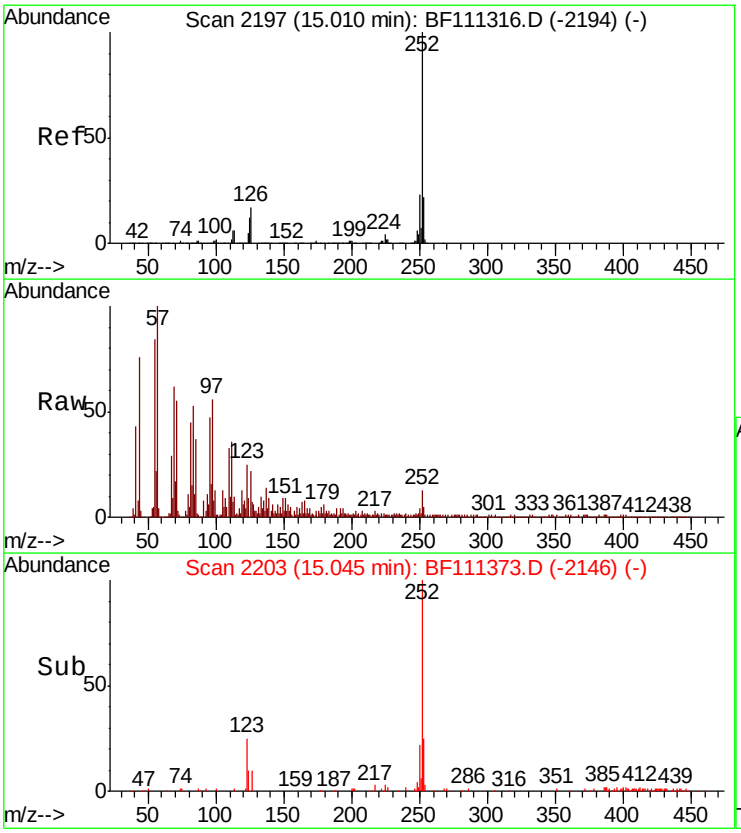
#88
Benzo(b)fluoranthene
Concen: 19.717 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.06 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:252 Resp: 202964

Ion	Ratio	Lower	Upper
252	100		
253	35.1	18.2	27.2#
125	167.5	10.4	15.6#

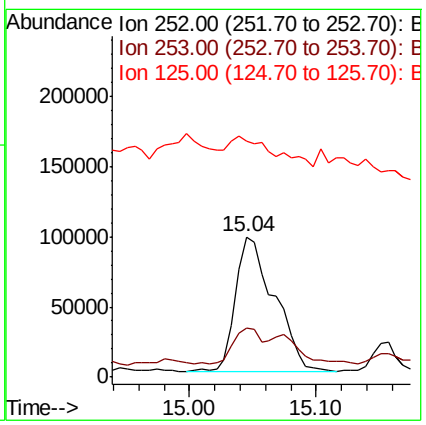


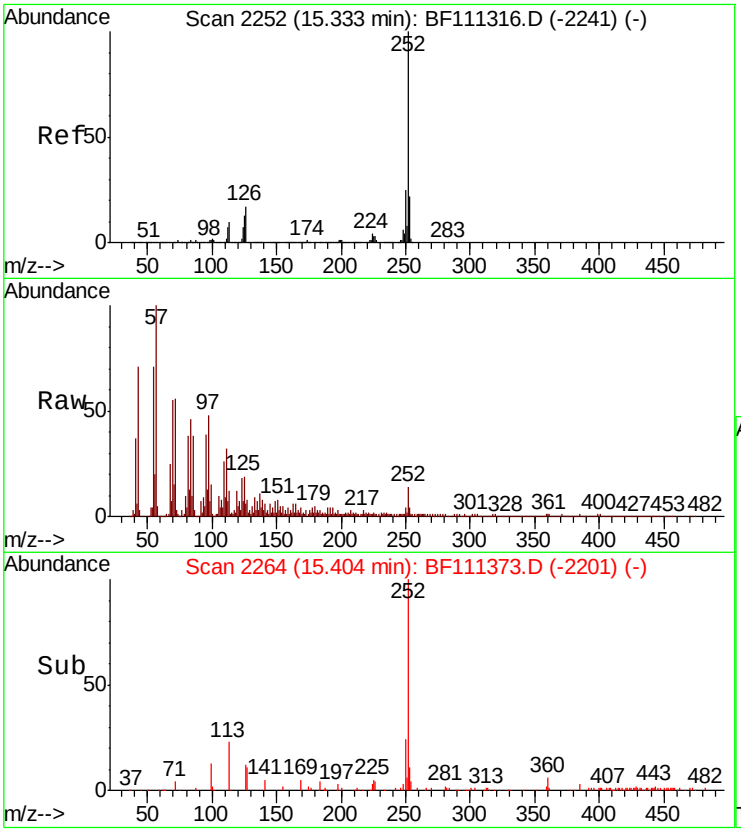


#89
Benzo(k)fluoranthene
Concen: 19.753 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.04 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:252 Resp: 202964

Ion	Ratio	Lower	Upper
252	100		
253	35.1	18.1	27.1#
125	167.5	9.8	14.8#



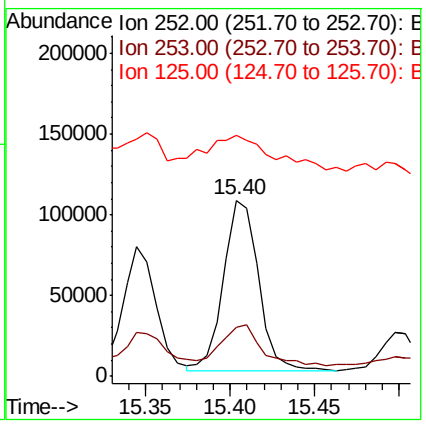


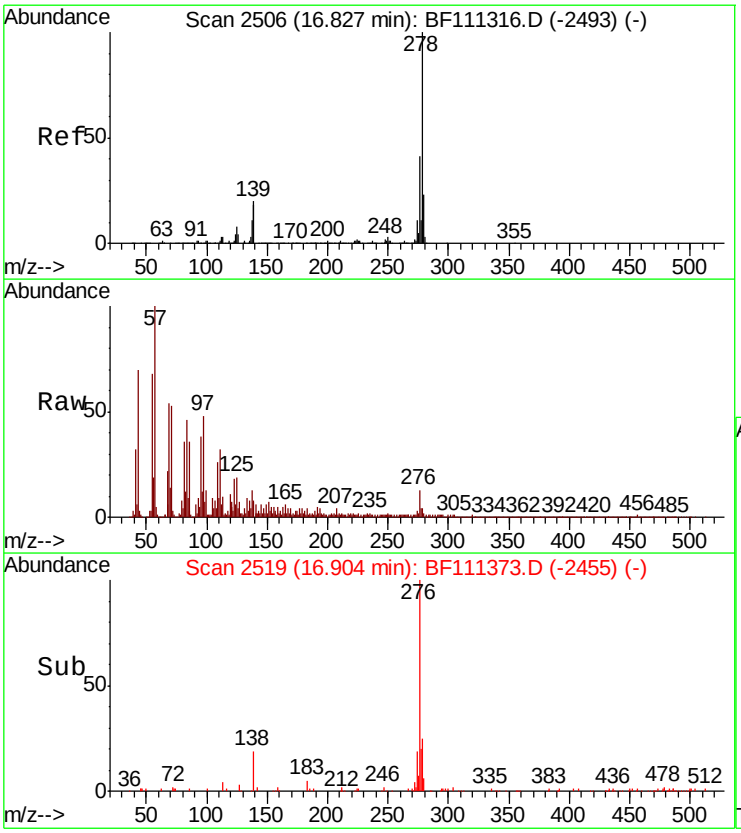
#90
Benzo(a)pyrene
Concen: 15.789 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.07 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:252 Resp: 151337

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.8#
125	137.1	12.3	18.5#

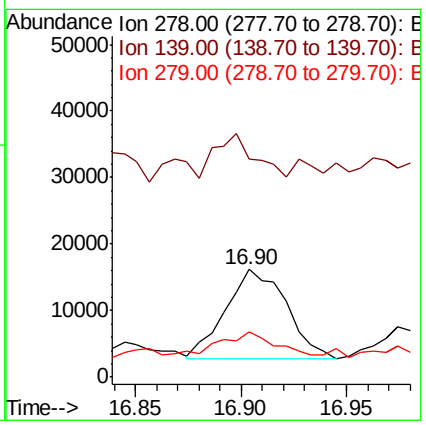


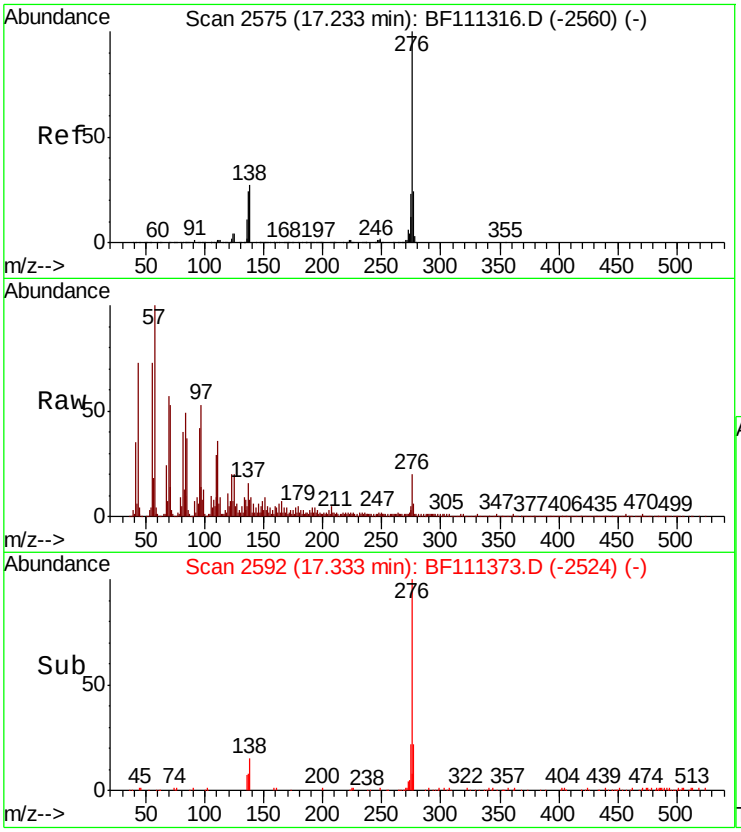


#91
Dibenzo(a,h)anthracene
Concen: 3.399 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.08 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Tgt Ion:278 Resp: 27105

Ion	Ratio	Lower	Upper
278	100		
139	202.9	18.2	27.4#
279	42.1	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 15.856 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.10 min
Lab File: BF111373.D
Acq: 13 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)RE

Tgt Ion:276 Resp: 126417

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.2	28.8
138	40.2	24.9	37.3#