Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114886.D
Acq On : 7 Jun 2019 2:01
Operator : HP/JU
Sample : K3097-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0430-HR-10(HACKENSACK)DL

Quant Time: Jun 07 04:01:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	403050	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1484026	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	649557	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1060843	20.00	ng		0.00
76) Chrysene-d12	13.80	240	692255	20.00	ng		0.00
87) Perylene-d12	15.18	264	603561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	715584	31.02	ng		0.00
7) Phenol-d6	6.30	99	871995	31.07	ng		0.00
23) Nitrobenzene-d5	7.23	82	467785	19.40	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	169796	24.26	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	924585	26.66	ng		0.00
79) Terphenyl-d14	12.75	244	730734	20.53	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	60730	3.269	ng	#	80
25) Isophorone	7.23	82	457342	9.596	ng	#	61
49) Acenaphthylene	9.56	152	123320	2.079	ng		95
50) Dimethylphthalate	9.42	163	107763	2.272	ng		99
51) 2,6-Dinitrotoluene	9.70	165	93110	8.345	ng	#	32
52) Acenaphthene	9.73	154	517790	13.324	ng		98
55) Dibenzofuran	9.90	168	489069	9.051	ng		92
56) 4-Nitrophenol	9.90	139	179532	18.798	ng	#	14
58) Fluorene	10.25	166	608432	10.513	ng		99
71) Phenanthrene	11.20	178	2513272	49.627	ng		98
72) Anthracene	11.25	178	857447	16.088	ng		95
75) Fluoranthene	12.39	202	3168222	60.106	ng		98
78) Pyrene	12.61	202	2623849	43.692	ng		99
81) Benzo(a)anthracene	13.79	228	1338206	25.086	ng		98
83) Chrysene	13.83	228	1090283	21.010	ng		97
86) Indeno(1,2,3-cd)pyrene	16.49	276	226878	3.832	ng		96
88) Benzo(b)fluoranthene	14.80	252	1313015	34.172	ng		98
89) Benzo(k)fluoranthene	14.80	252	1313015	40.239	ng		99
90) Benzo(a)pyrene	15.13	252	607188	18.257	ng		99
91) Dibenzo(a,h)anthracene	16.50	278	75600	2.400	ng	#	89
92) Benzo(g,h,i)perylene	16.88	276	183522	5.794	ng		98

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

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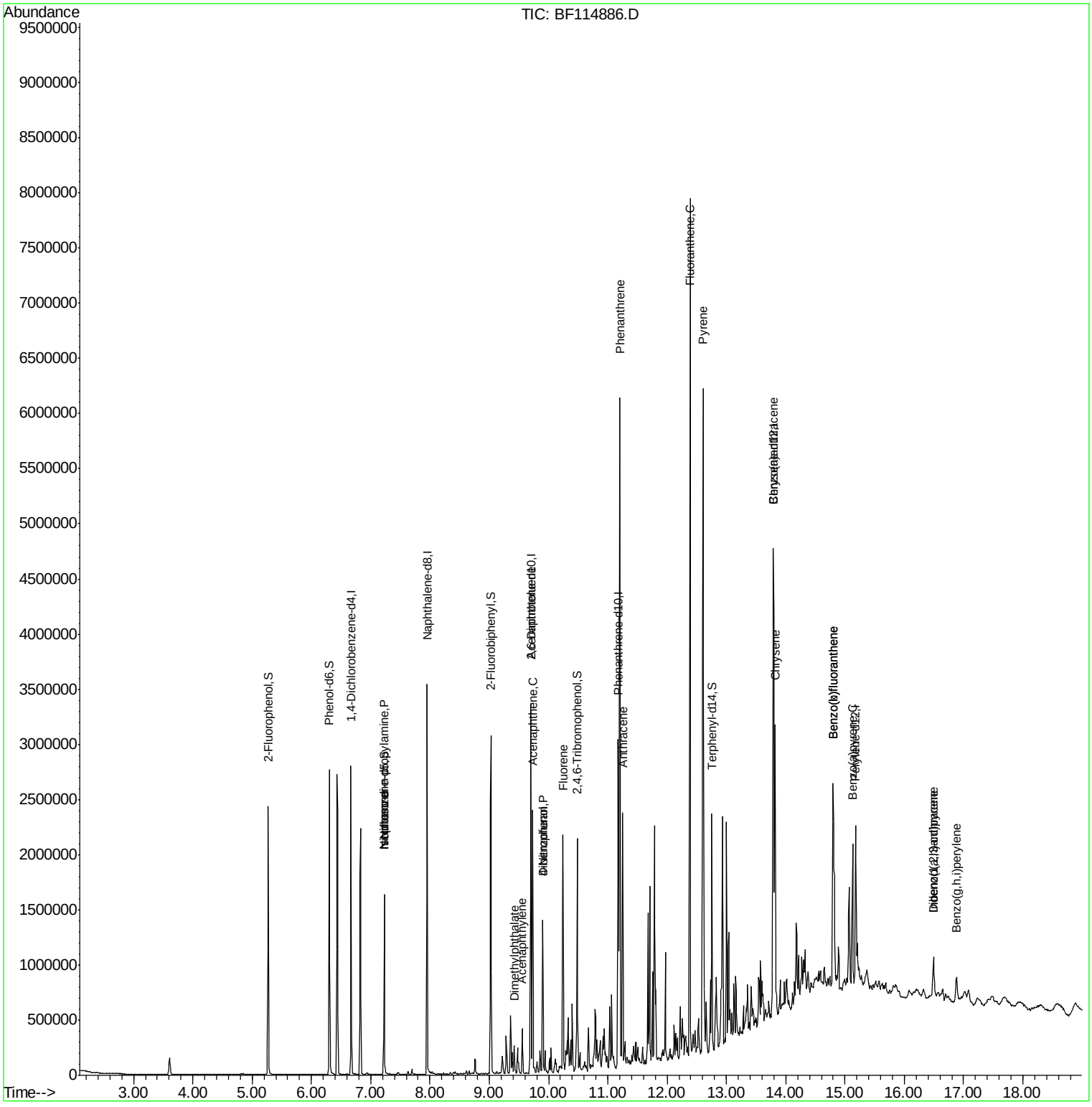
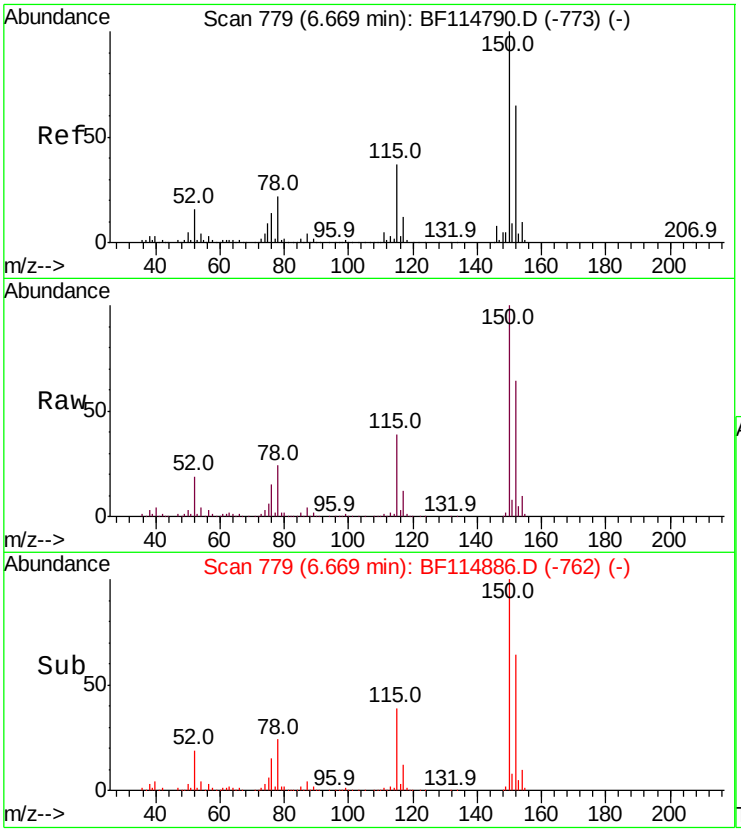


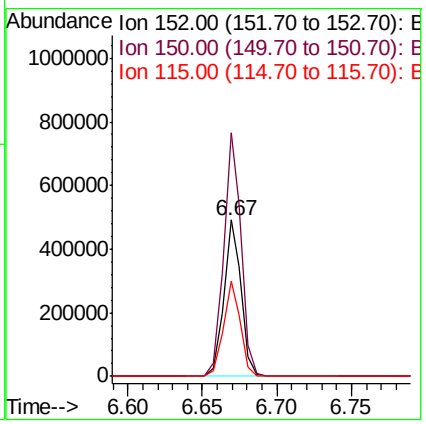


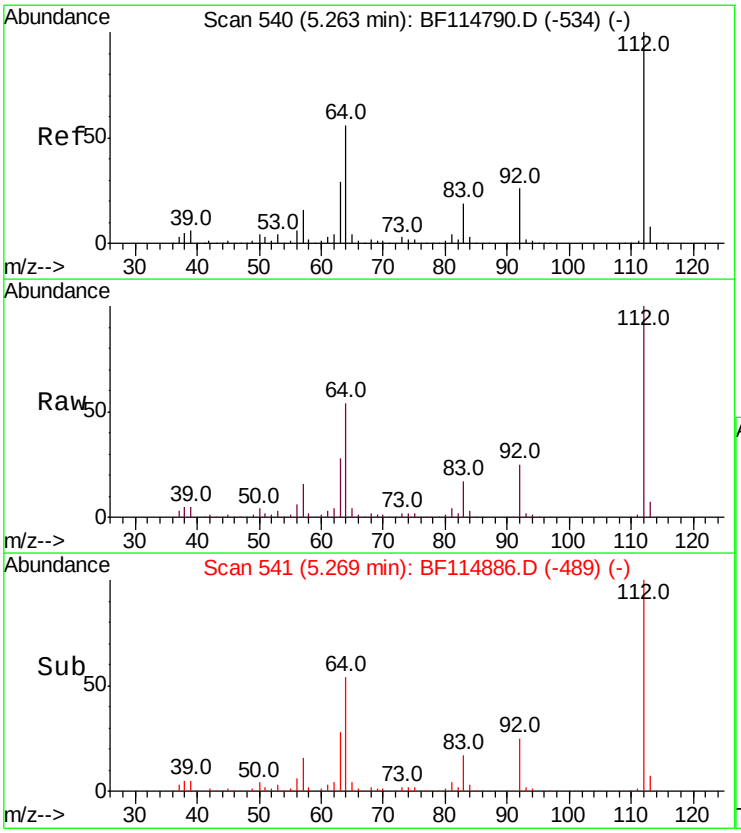
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:152 Resp: 403050

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.0	186.0
115	61.2	46.3	69.5

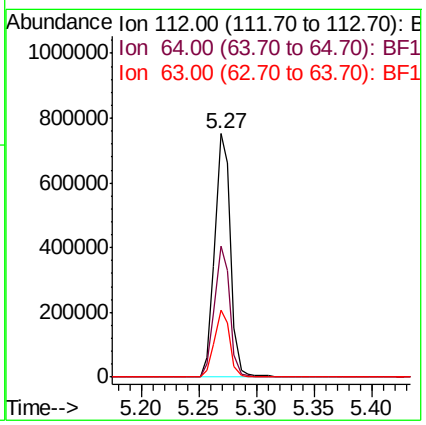


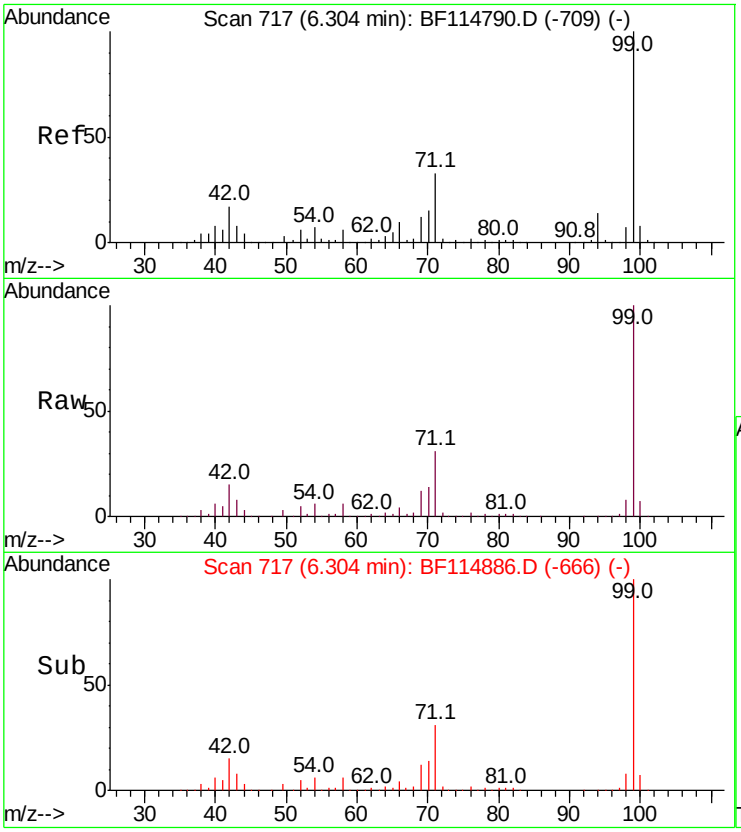


#5
2-Fluorophenol
Concen: 31.023 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:112 Resp: 715584

Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.6	66.8
63	27.6	23.0	34.4



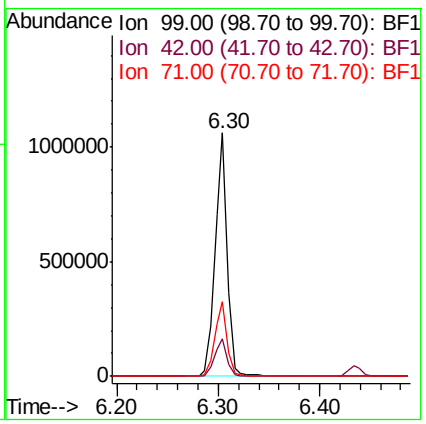


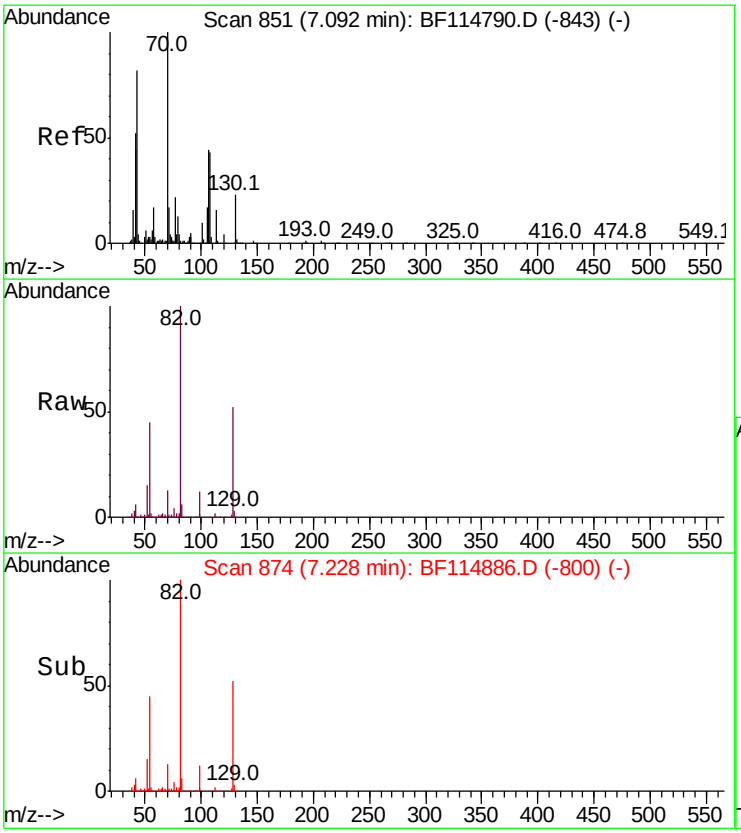
#7
Phenol-d6
Concen: 31.068 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion: 99 Resp: 871995

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.3	19.9
71	30.9	26.3	39.5

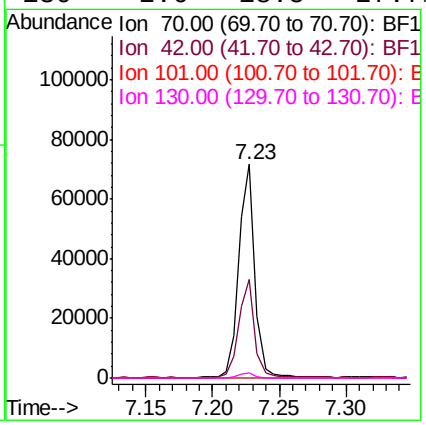


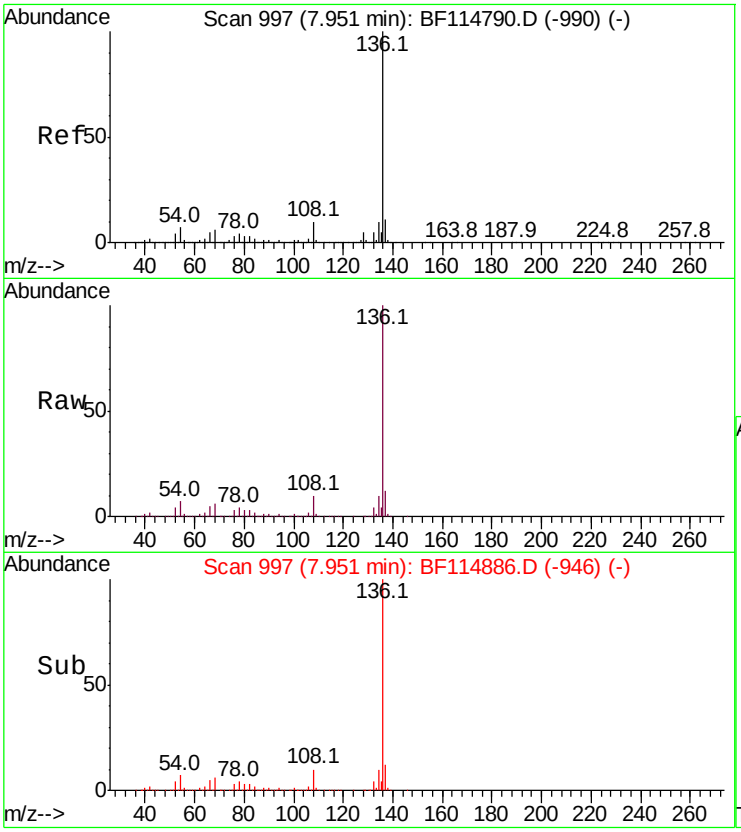


#19
n-Nitroso-di-n-propylamine
Concen: 3.269 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.14 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion: 70 Resp: 60730

Ion	Ratio	Lower	Upper
70	100		
42	46.1	41.8	62.8
101	0.0	8.2	12.4#
130	2.6	18.5	27.7#



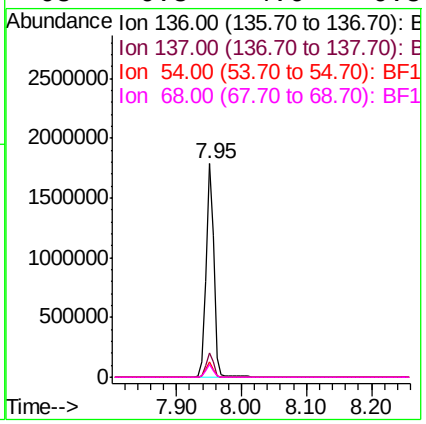


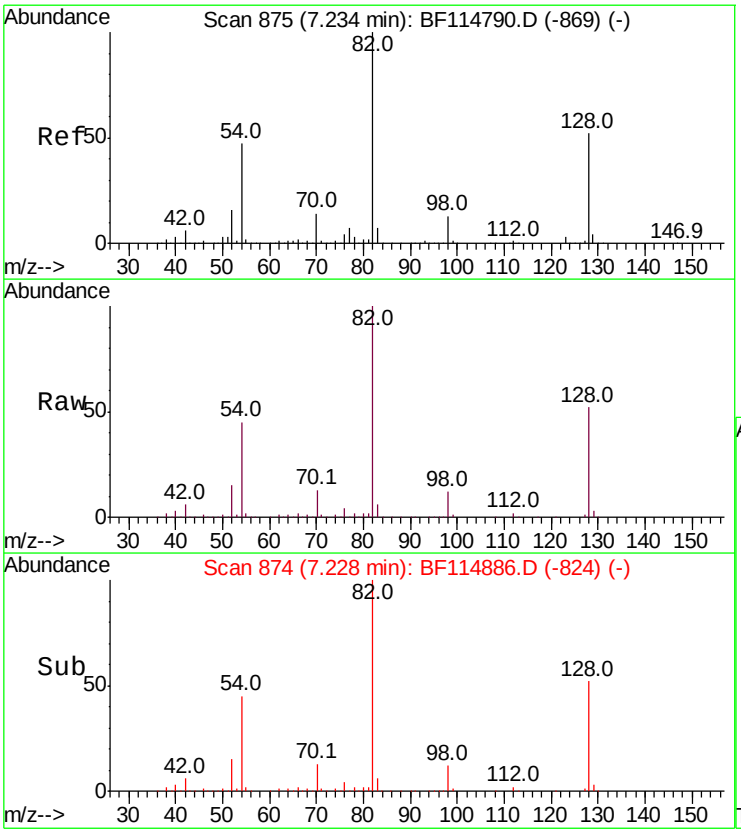
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:136 Resp: 1484026

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.2	5.4	8.0
68	6.3	4.6	6.8

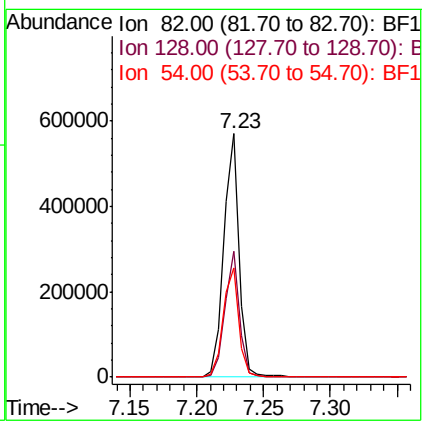


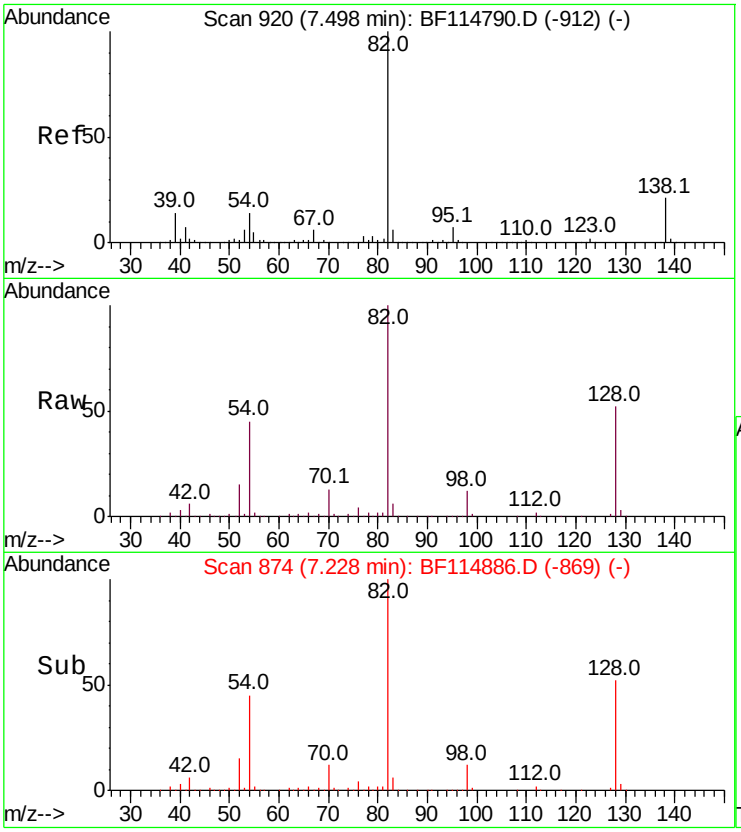


#23
Nitrobenzene-d5
Concen: 19.404 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion: 82 Resp: 467785

Ion	Ratio	Lower	Upper
82	100		
128	51.7	41.8	62.6
54	44.7	37.9	56.9



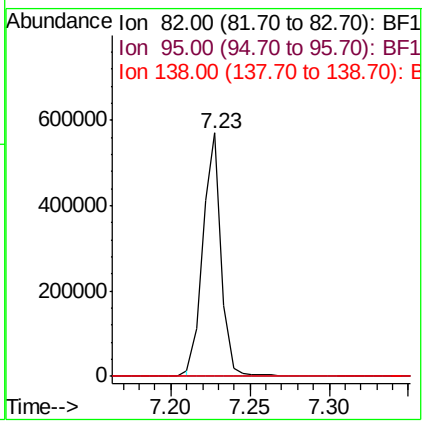


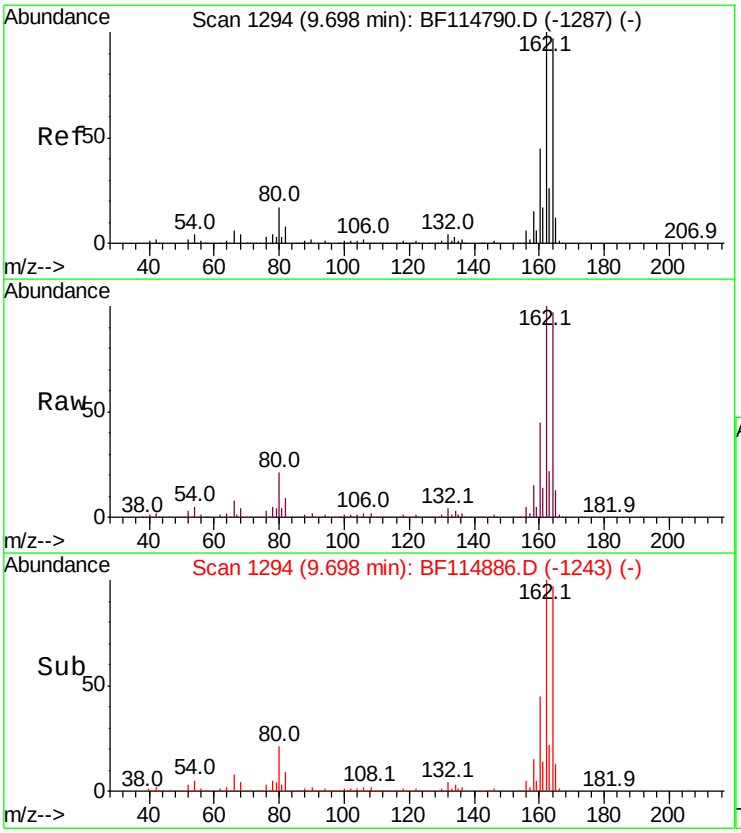
#25
Isophorone
Concen: 9.596 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.27 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion: 82 Resp: 457342

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.8#
138	0.0	16.9	25.3#

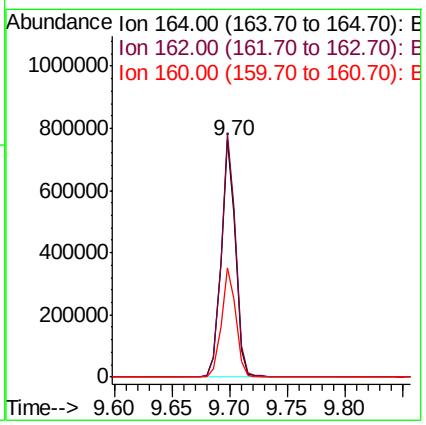


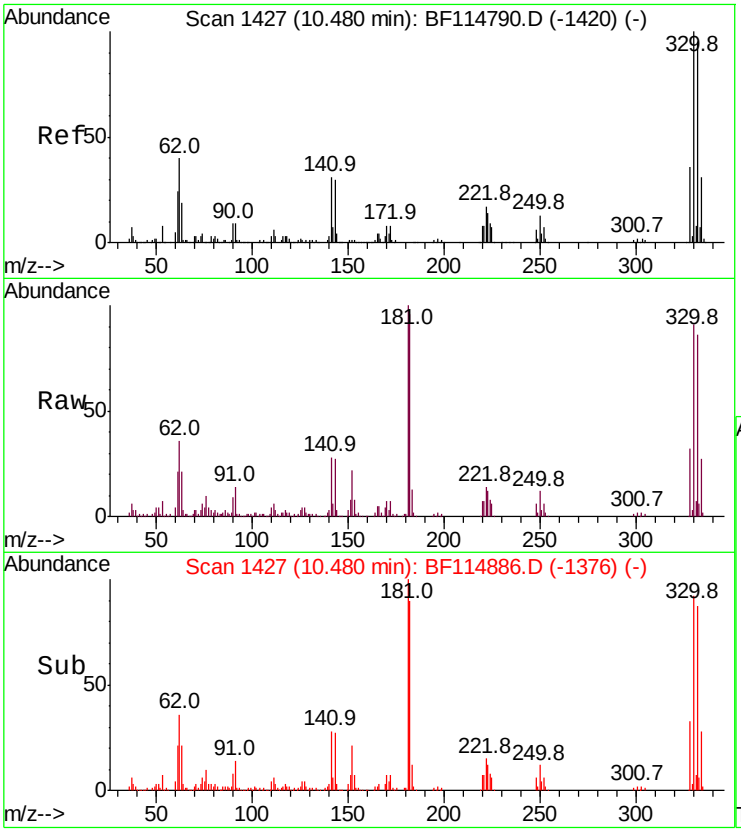


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:164 Resp: 649557

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.3	123.5
160	46.1	36.7	55.1



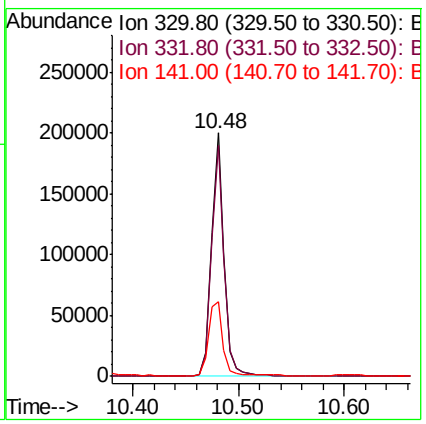


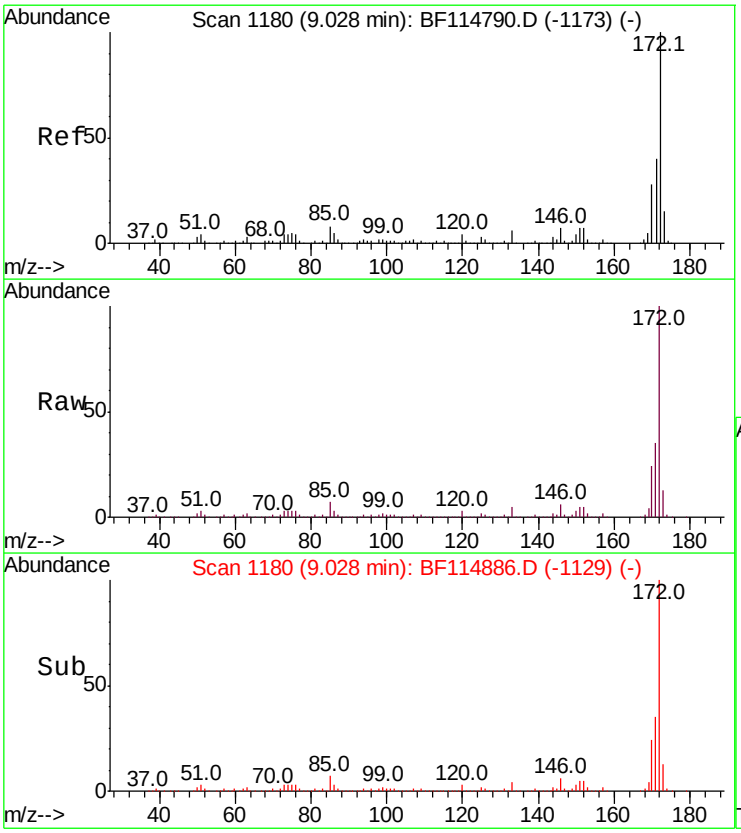
#42
2,4,6-Tribromophenol
Concen: 24.257 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:330 Resp: 169796

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	34.9	26.2	39.4

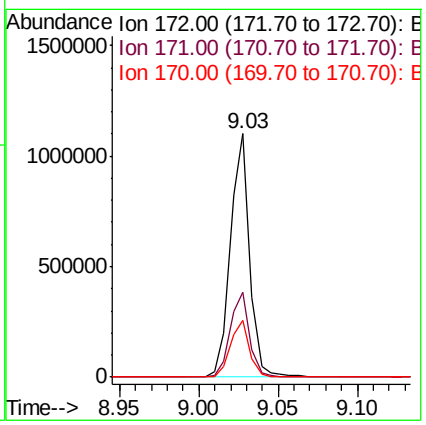


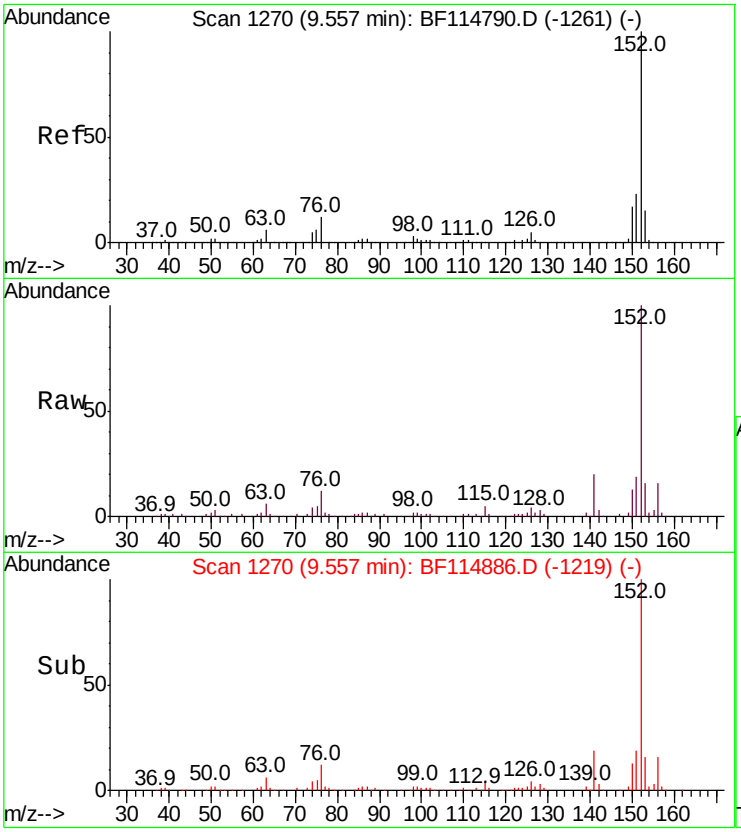


#45
2-Fluorobiphenyl
Concen: 26.664 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:172 Resp: 924585

Ion	Ratio	Lower	Upper
172	100		
171	35.1	32.3	48.5
170	23.5	22.4	33.6



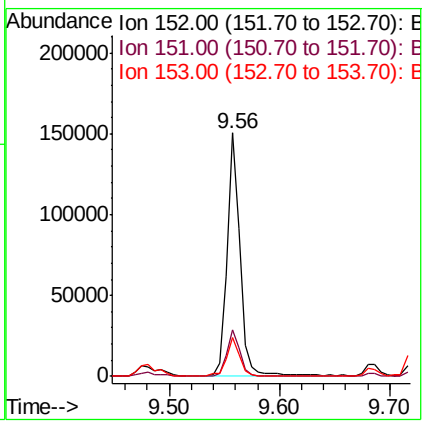


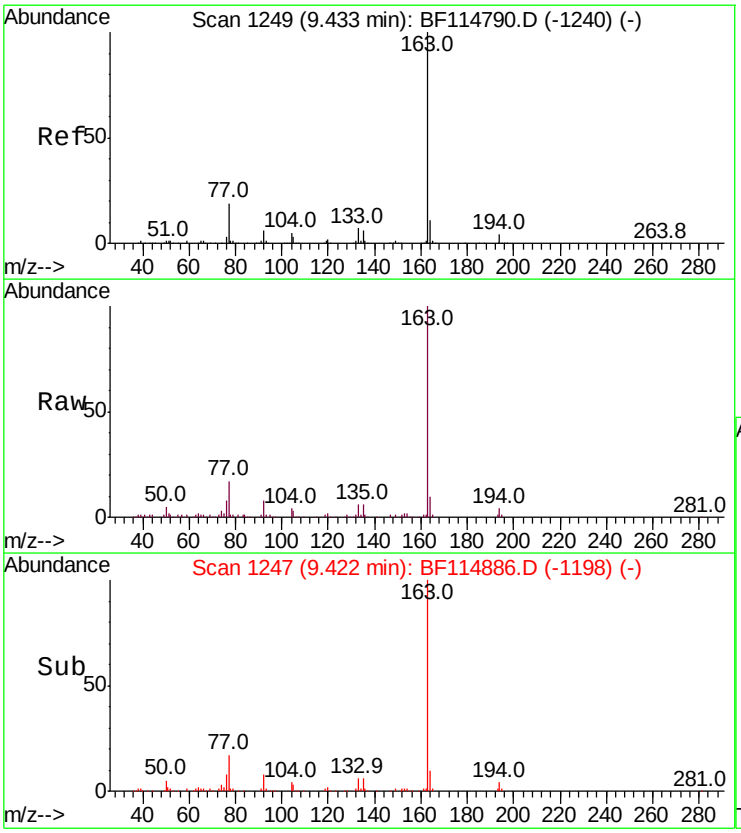
#49
Acenaphthylene
Concen: 2.079 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:152 Resp: 123320

Ion	Ratio	Lower	Upper
152	100		
151	19.1	18.3	27.5
153	15.8	12.3	18.5

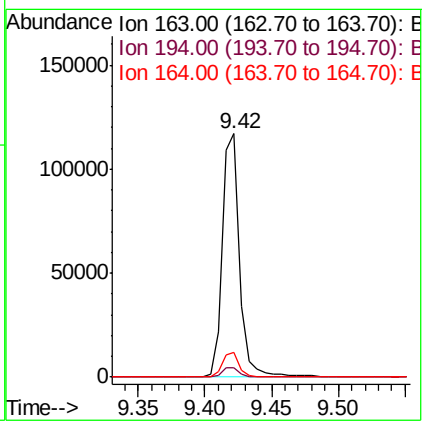


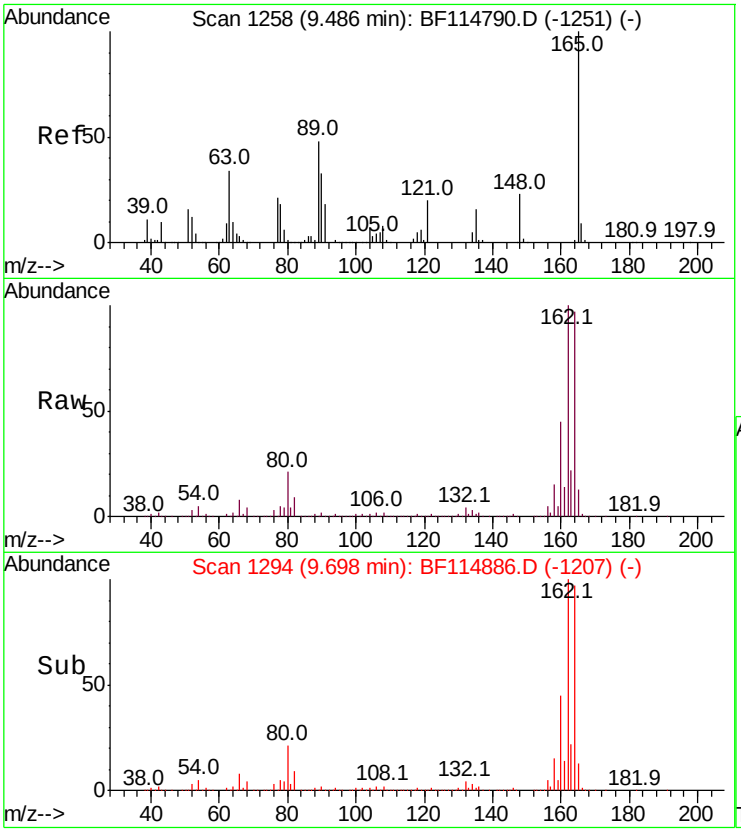


#50
Dimethylphthalate
Concen: 2.272 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:163 Resp: 107763

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.3	8.6	13.0



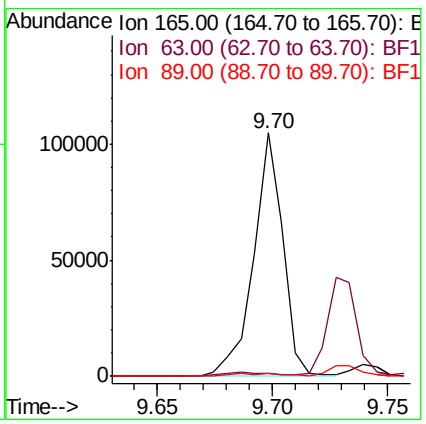


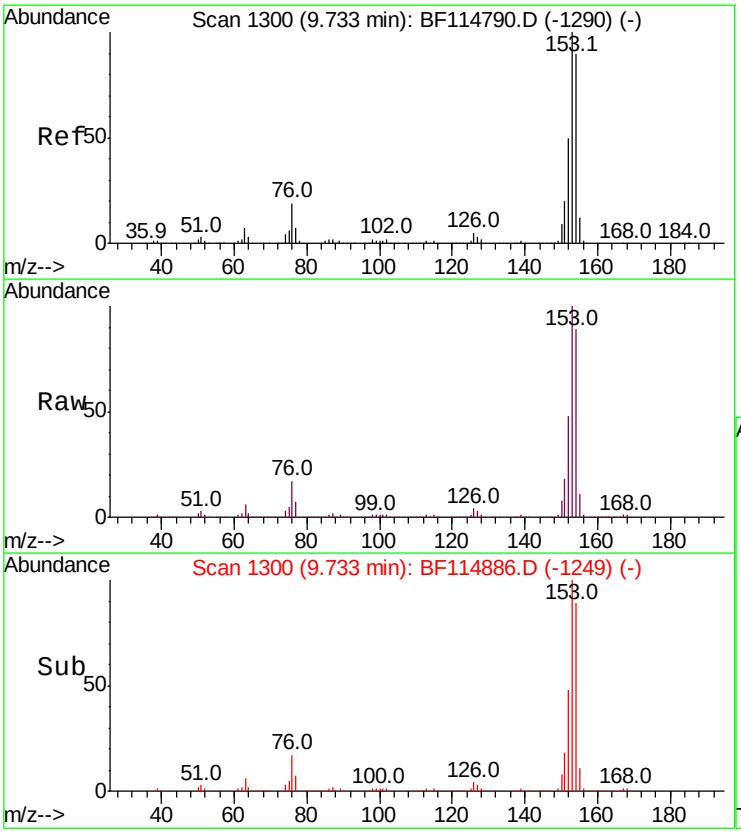
#51
2,6-Dinitrotoluene
Concen: 8.345 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.21 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:165 Resp: 93110

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.1	52.7#
89	1.2	38.2	57.2#

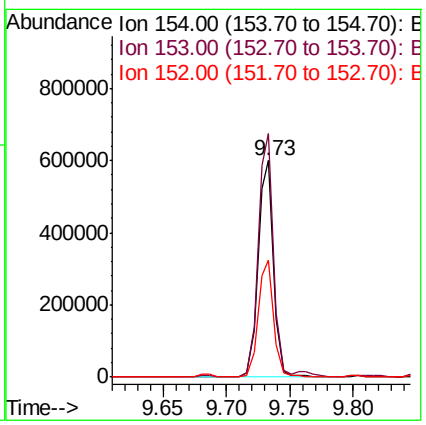


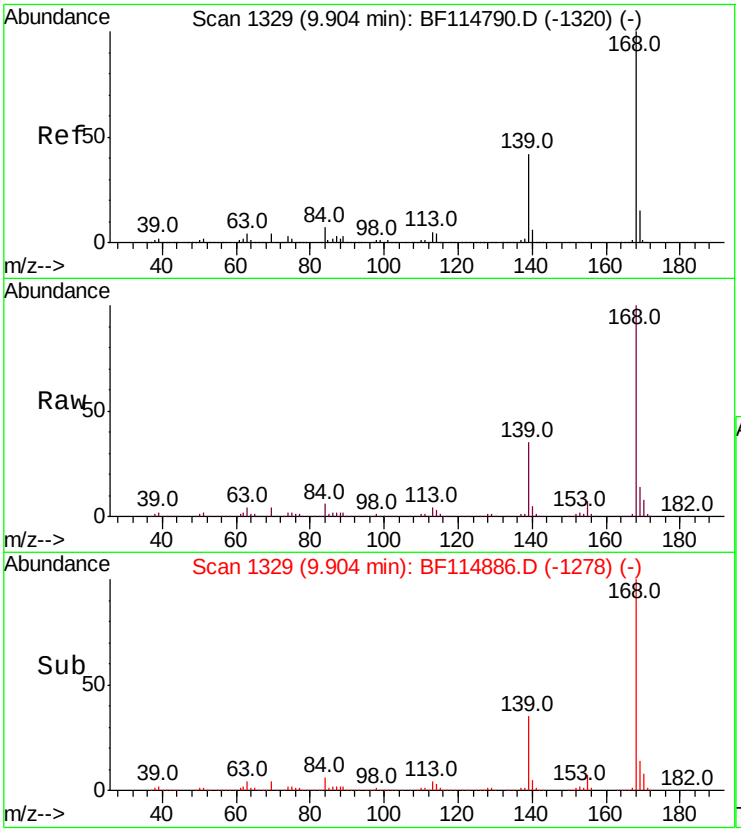


#52
Acenaphthene
Concen: 13.324 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:154 Resp: 517790

Ion	Ratio	Lower	Upper
154	100		
153	112.6	88.5	132.7
152	54.2	44.1	66.1



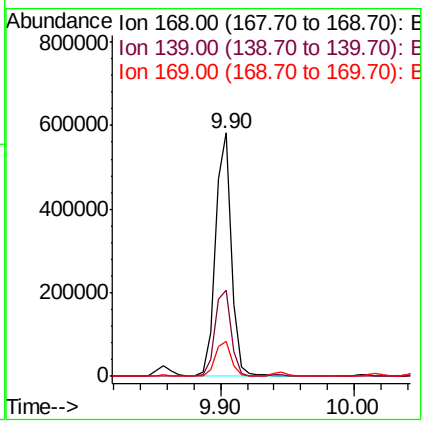


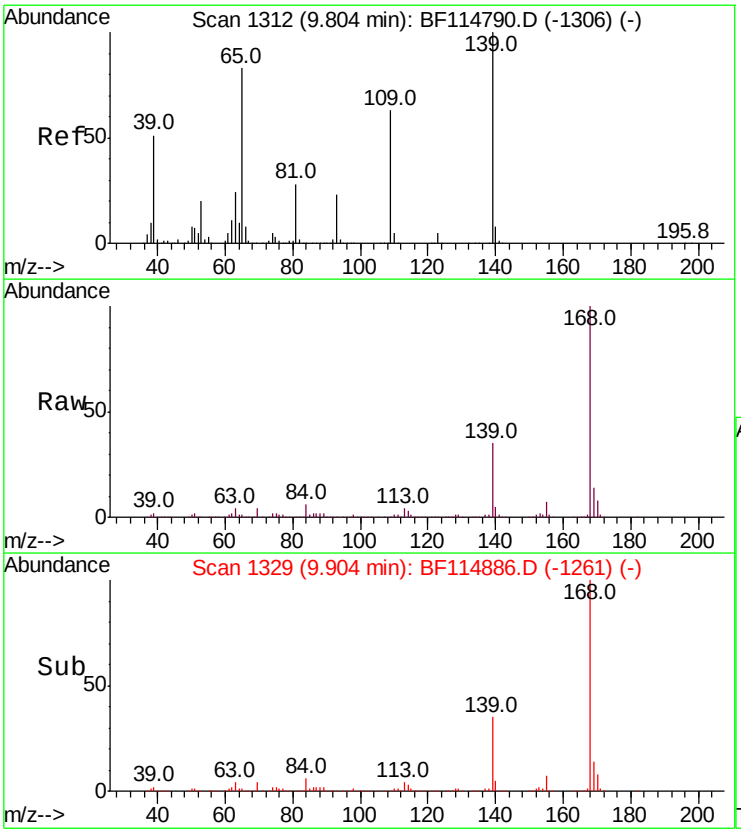
#55
Dibenzofuran
Concen: 9.051 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:168 Resp: 489069

Ion	Ratio	Lower	Upper
168	100		
139	35.5	33.8	50.6
169	14.4	11.9	17.9

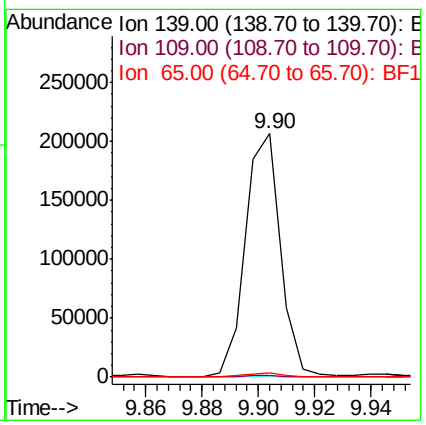


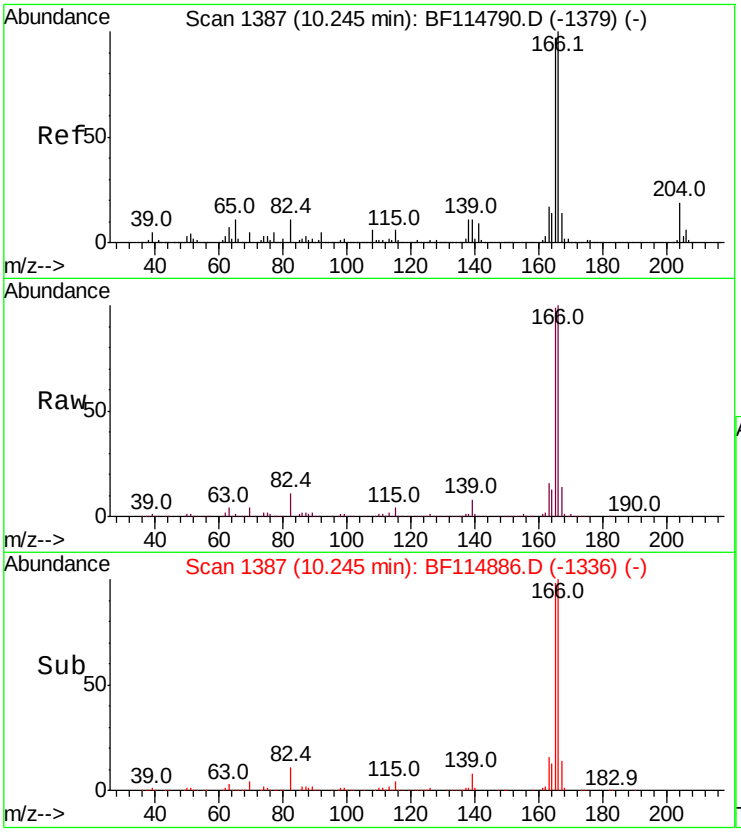


#56
4-Nitrophenol
Concen: 18.798 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.10 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:139 Resp: 179532

Ion	Ratio	Lower	Upper
139	100		
109	0.7	43.5	83.5#
65	1.7	63.2	103.2#



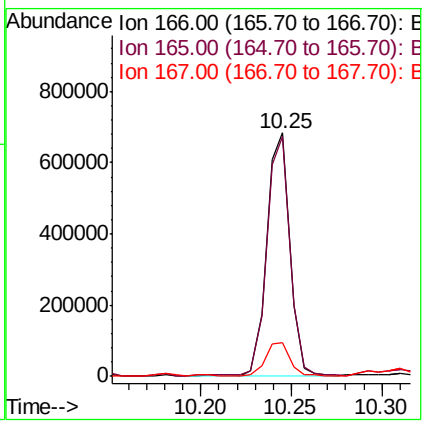


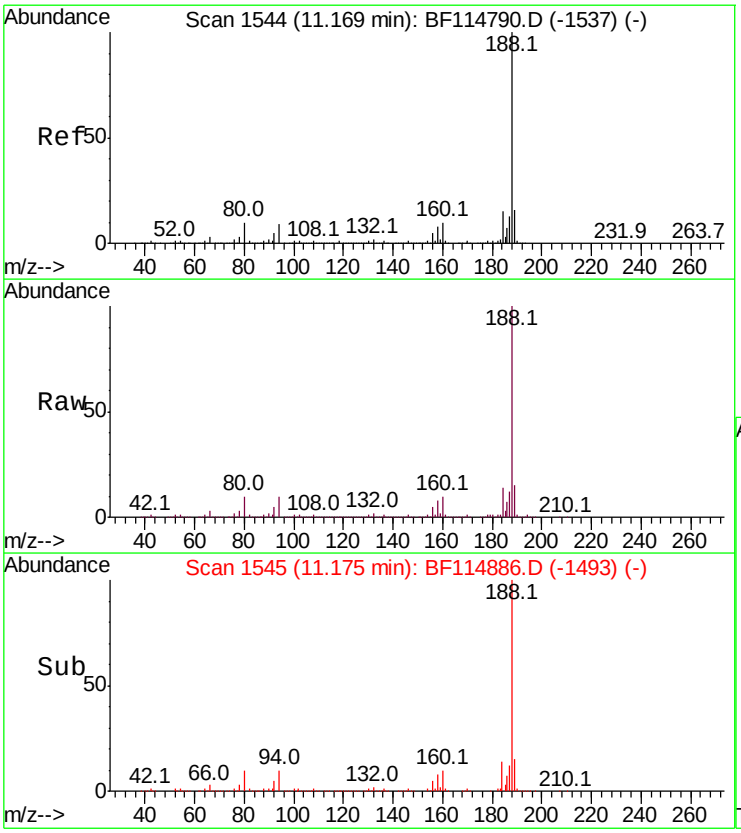
#58
Fluorene
Concen: 10.513 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:166 Resp: 608432

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.9	116.9
167	13.7	11.3	16.9

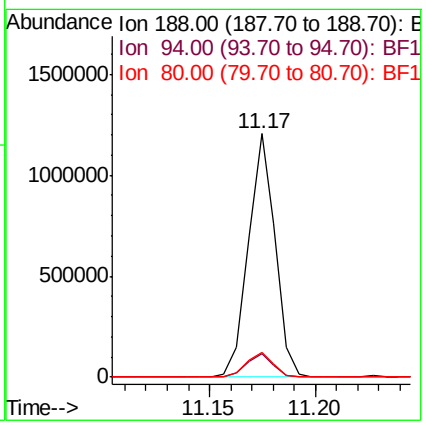


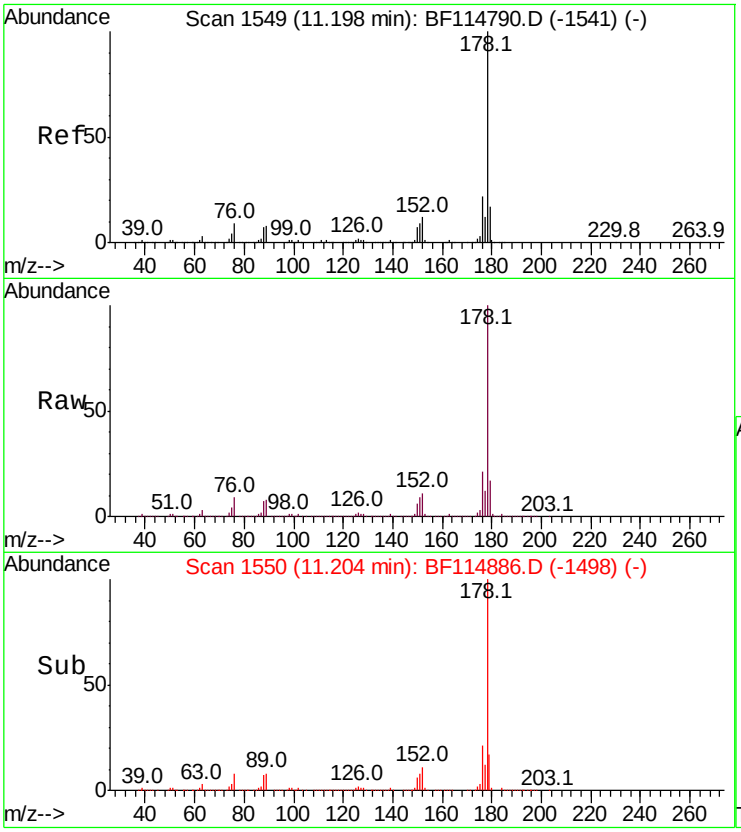


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:188 Resp: 1060843

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.6	11.4
80	10.4	8.3	12.5



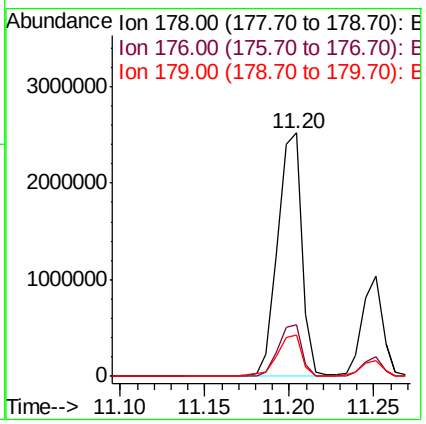


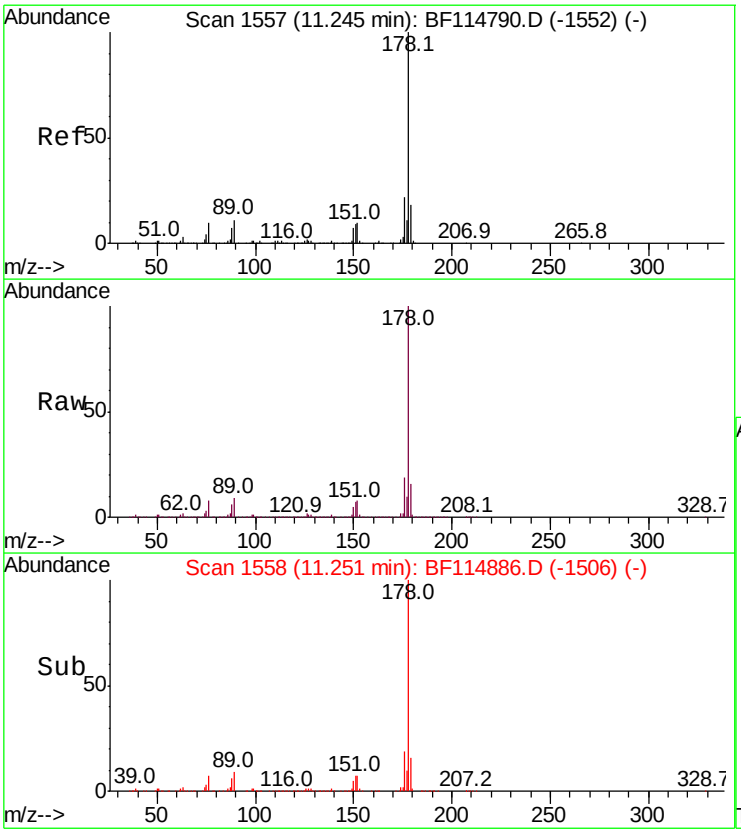
#71
Phenanthrene
Concen: 49.627 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:178 Resp: 2513272

Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.7	26.5
179	16.8	13.7	20.5

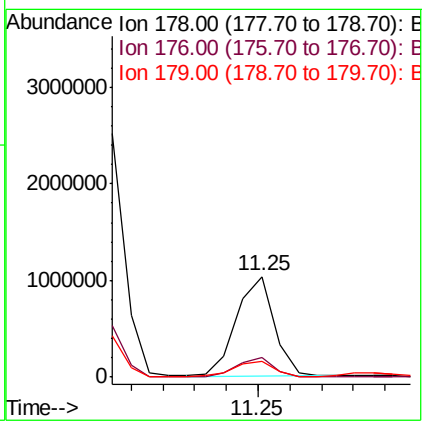


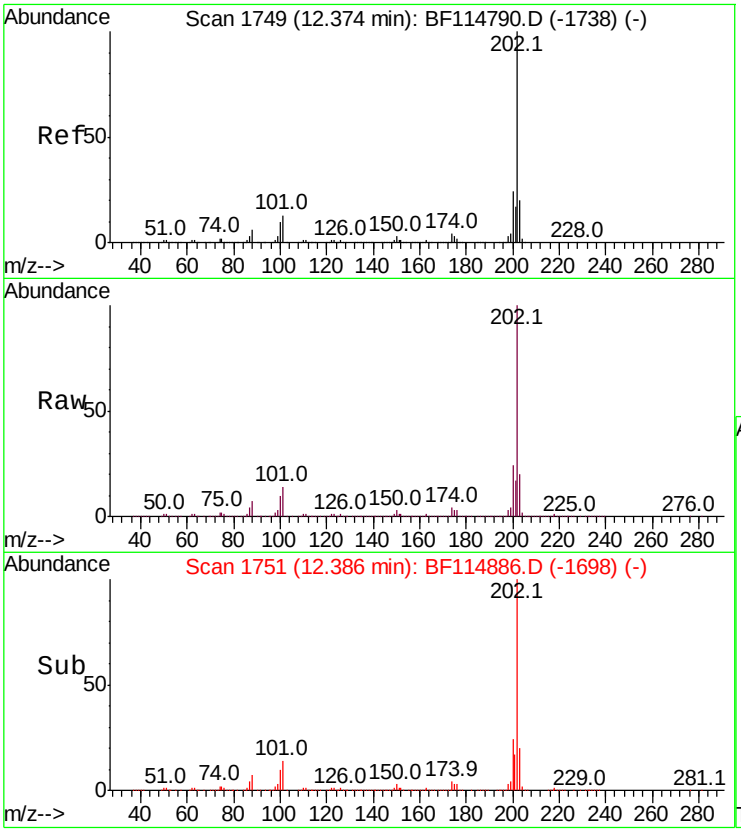


#72
Anthracene
Concen: 16.088 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:178 Resp: 857447

Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.4	26.0
179	15.9	14.2	21.4



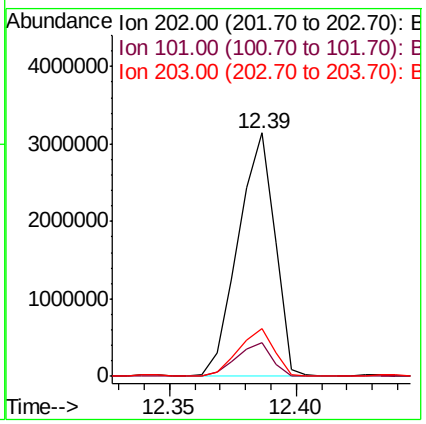


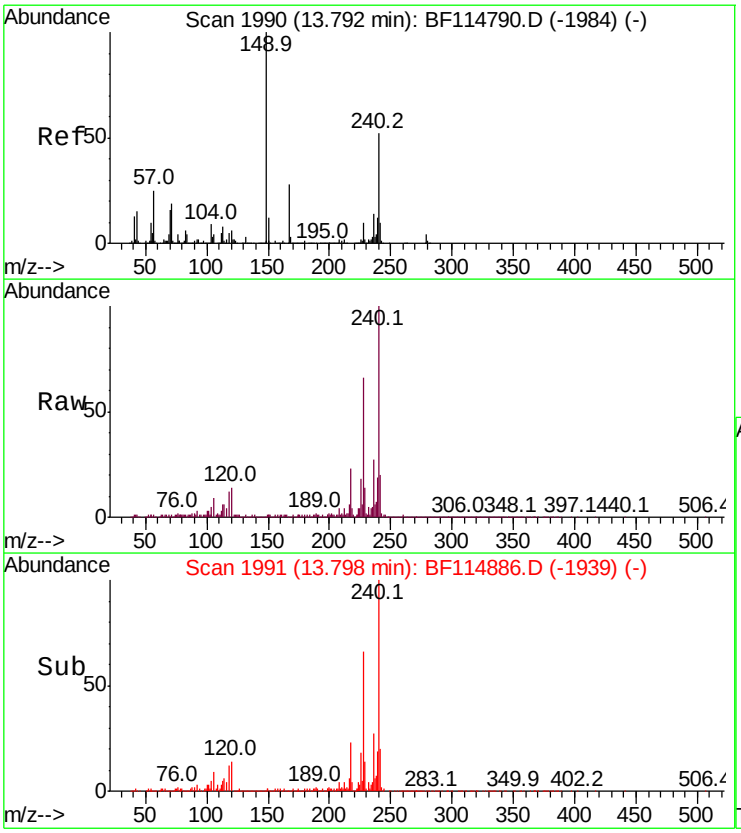
#75
Fluoranthene
Concen: 60.106 ng
RT: 12.39 min Scan# 1751
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:202 Resp: 3168222

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	32.8
203	19.9	0.2	40.2

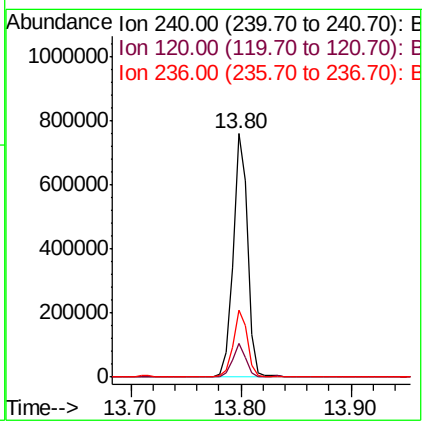


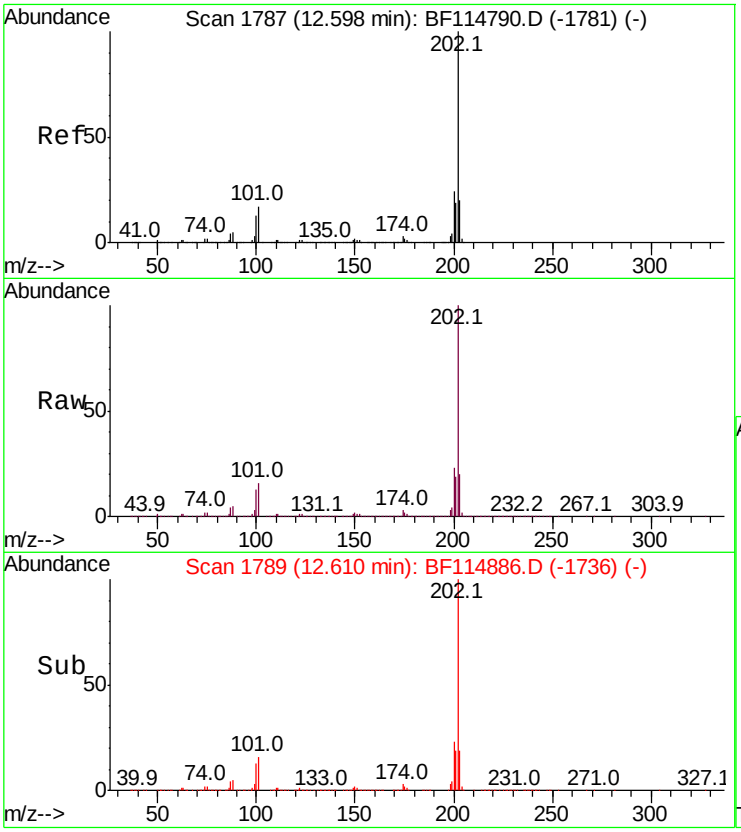


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:240 Resp: 692255

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.0	13.4#
236	27.5	21.4	32.0



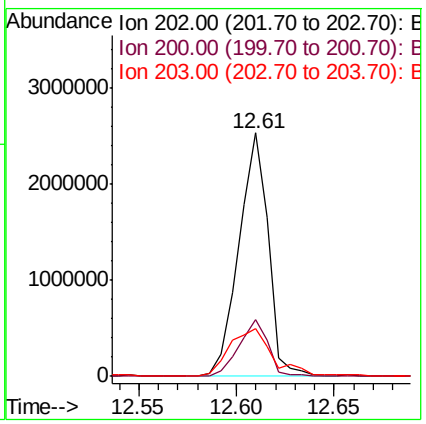


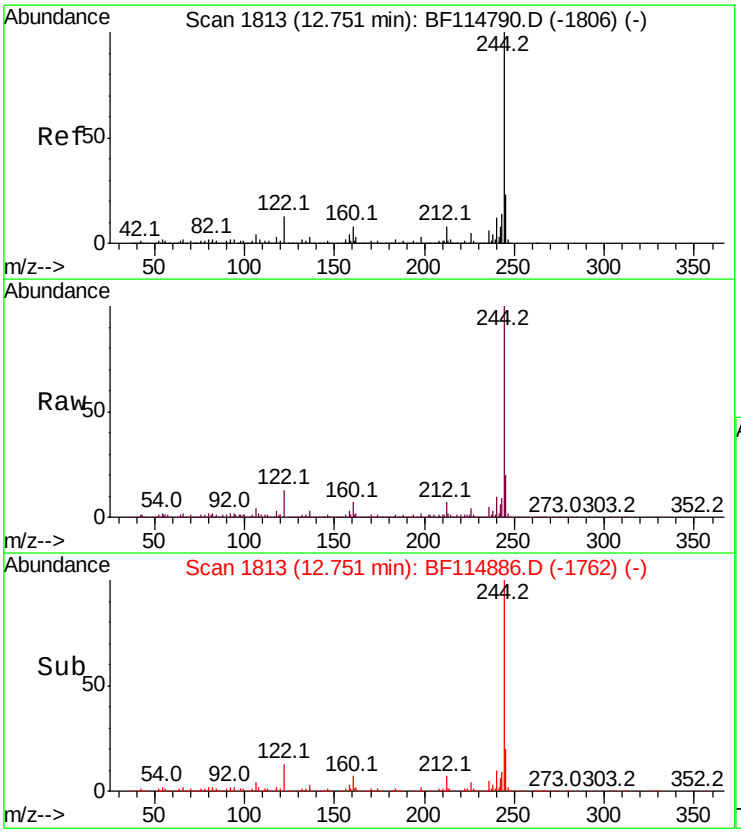
#78
Pyrene
Concen: 43.692 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:202 Resp: 2623849

Ion	Ratio	Lower	Upper
202	100		
200	23.2	19.2	28.8
203	19.6	15.9	23.9

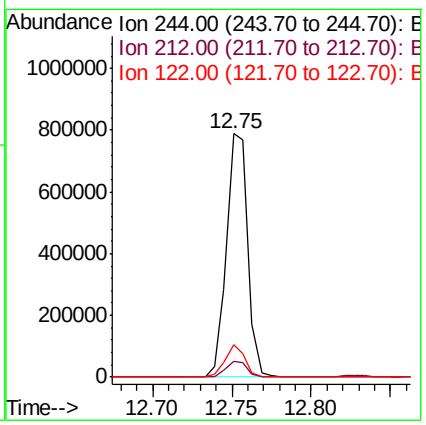


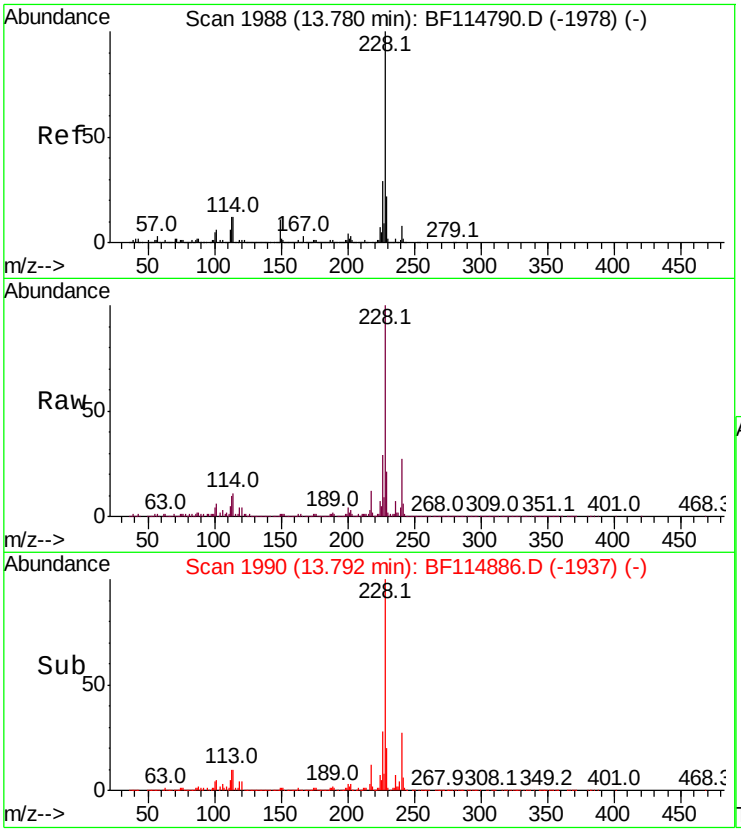


#79
Terphenyl-d14
Concen: 20.529 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:244 Resp: 730734

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	13.1	10.5	15.7



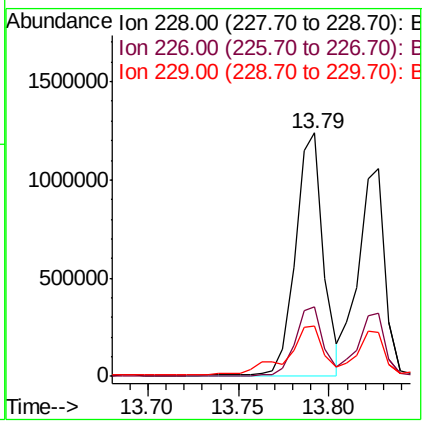


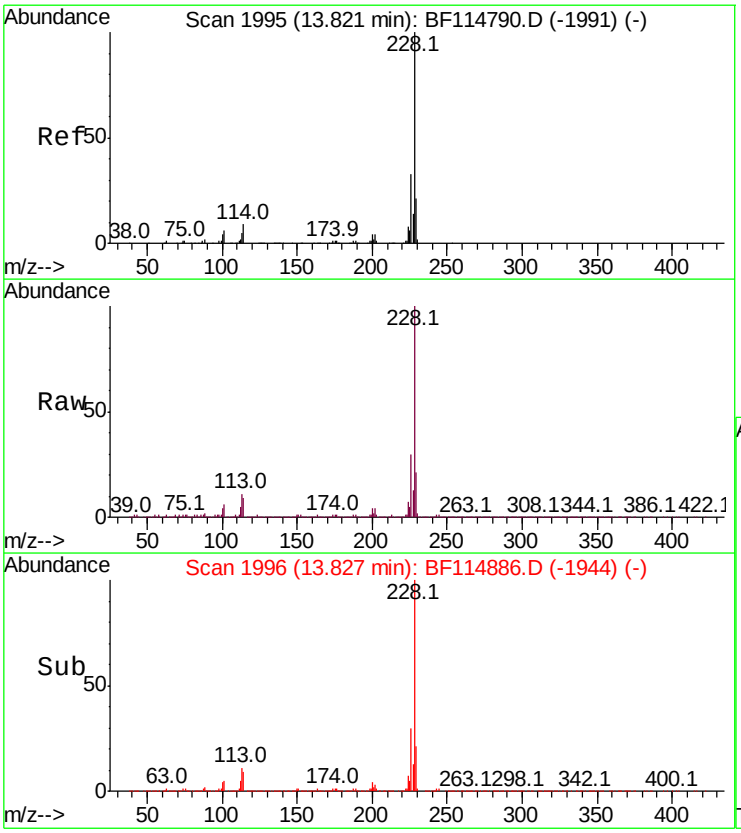
#81
Benzo(a)anthracene
Concen: 25.086 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:228 Resp: 1338206

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.5	17.4	26.0

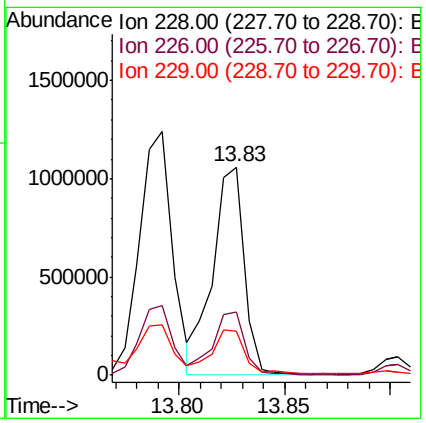


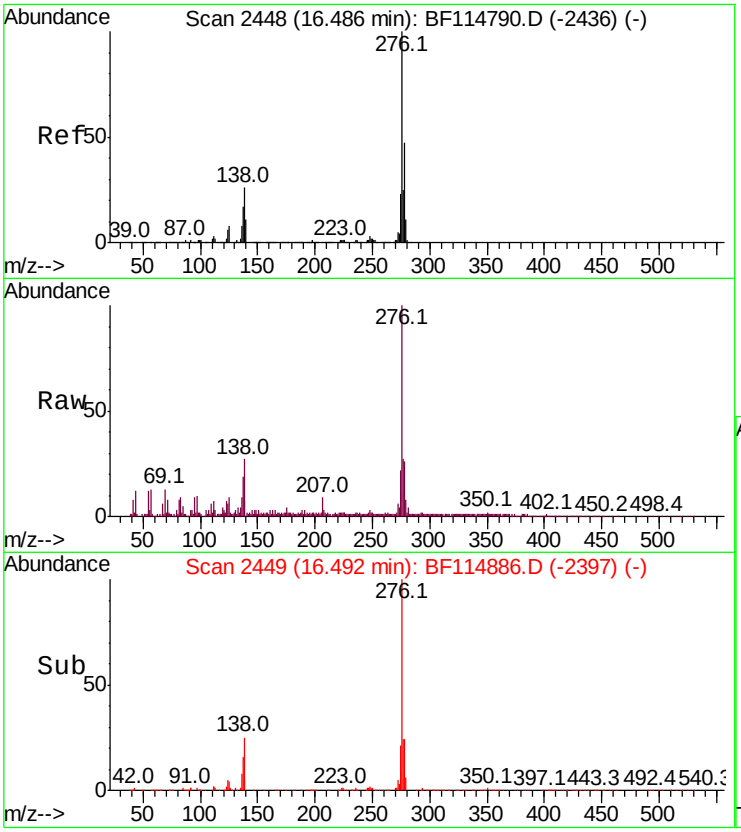


#83
Chrysene
Concen: 21.010 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:228 Resp: 1090283

Ion	Ratio	Lower	Upper
228	100		
226	30.2	26.0	39.0
229	21.3	17.1	25.7



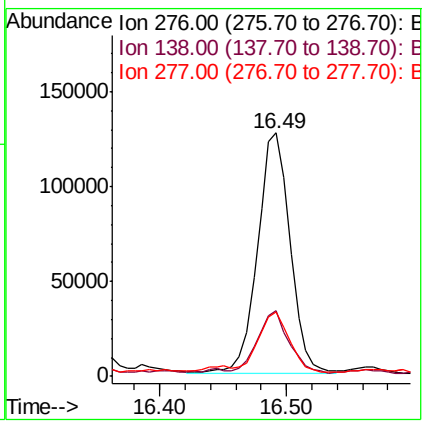


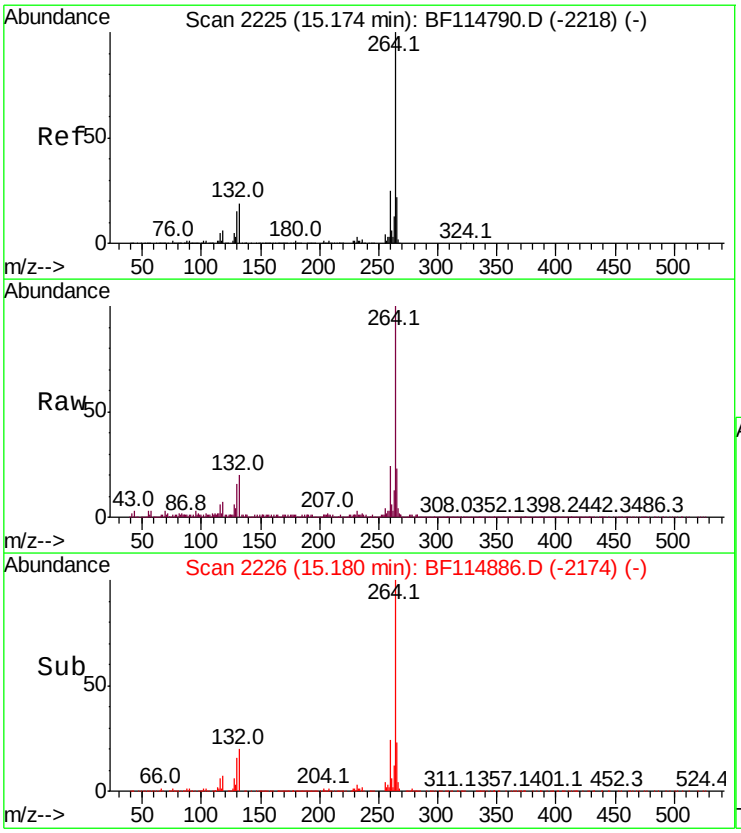
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.832 ng
RT: 16.49 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:276 Resp: 226878

Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.2	33.4
277	26.6	20.6	30.8

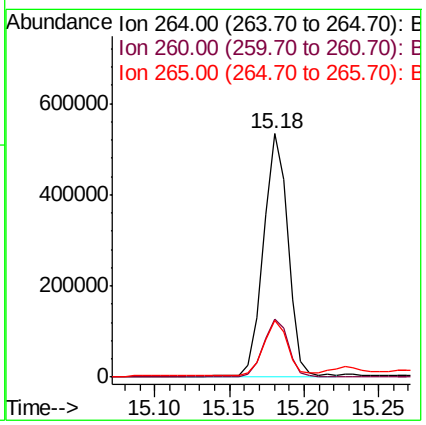


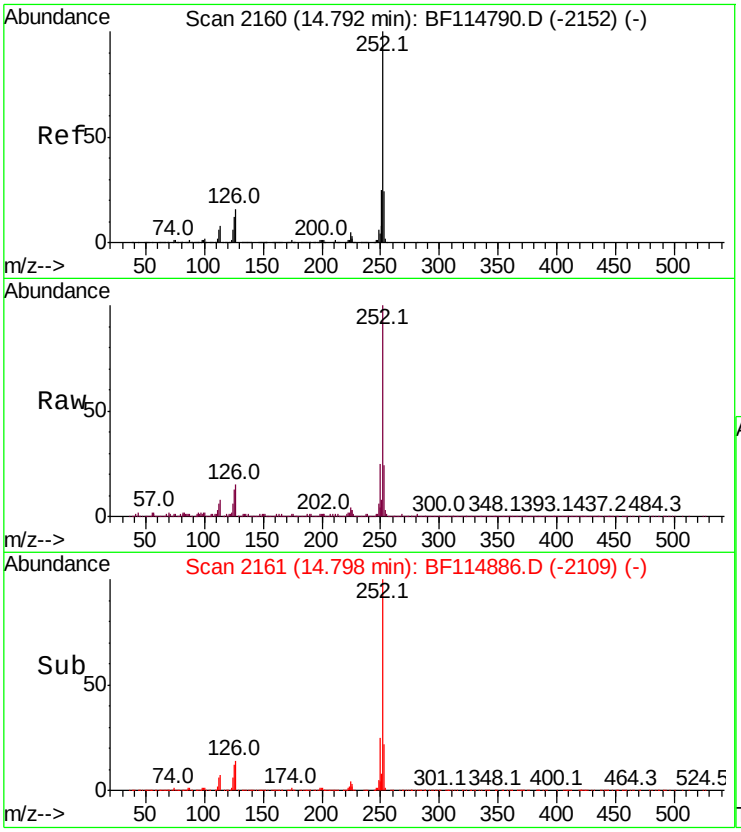


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:264 Resp: 603561

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	23.2	17.7	26.5



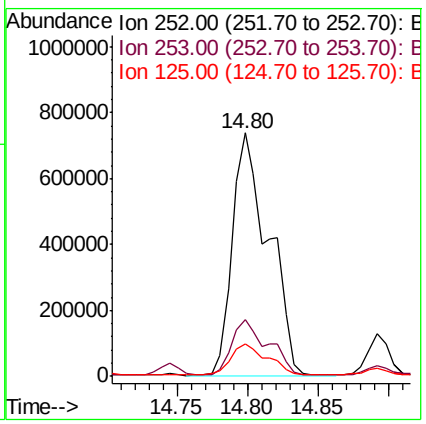


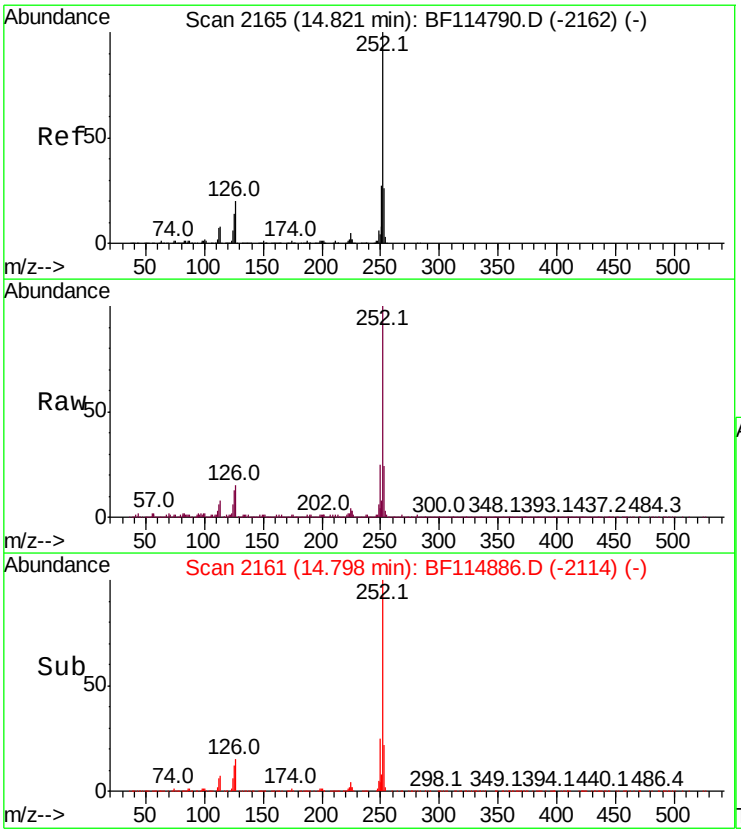
#88
Benzo(b)fluoranthene
Concen: 34.172 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:252 Resp: 1313015

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	13.1	9.4	14.0

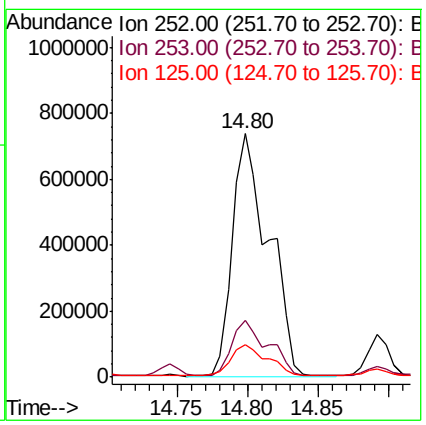


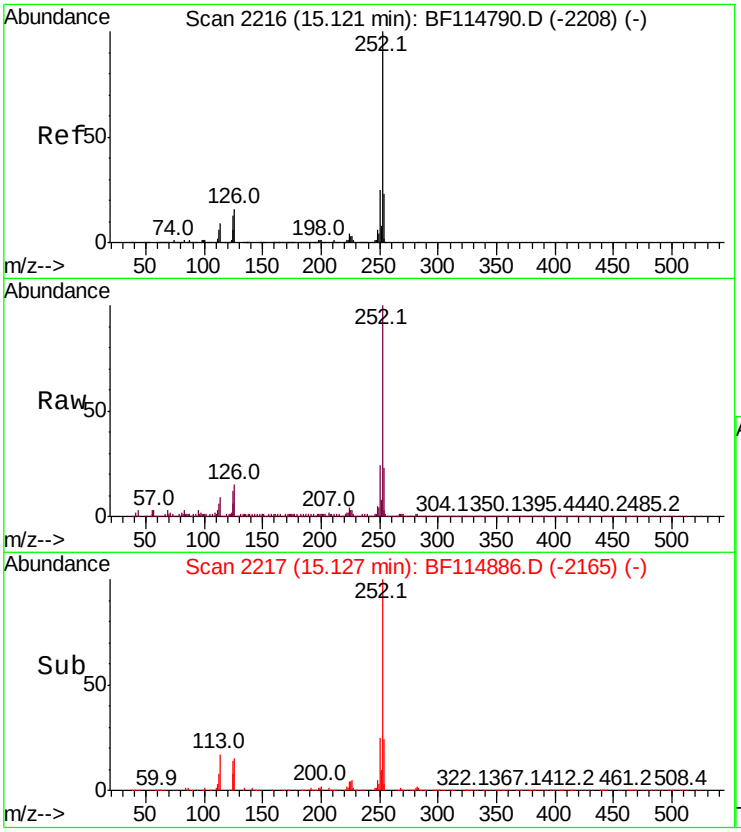


#89
Benzo(k)fluoranthene
Concen: 40.239 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:252 Resp: 1313015

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	13.1	10.1	15.1



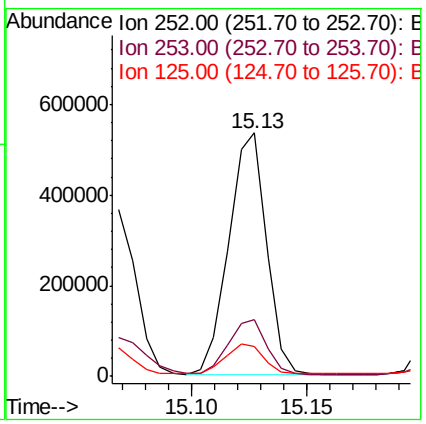


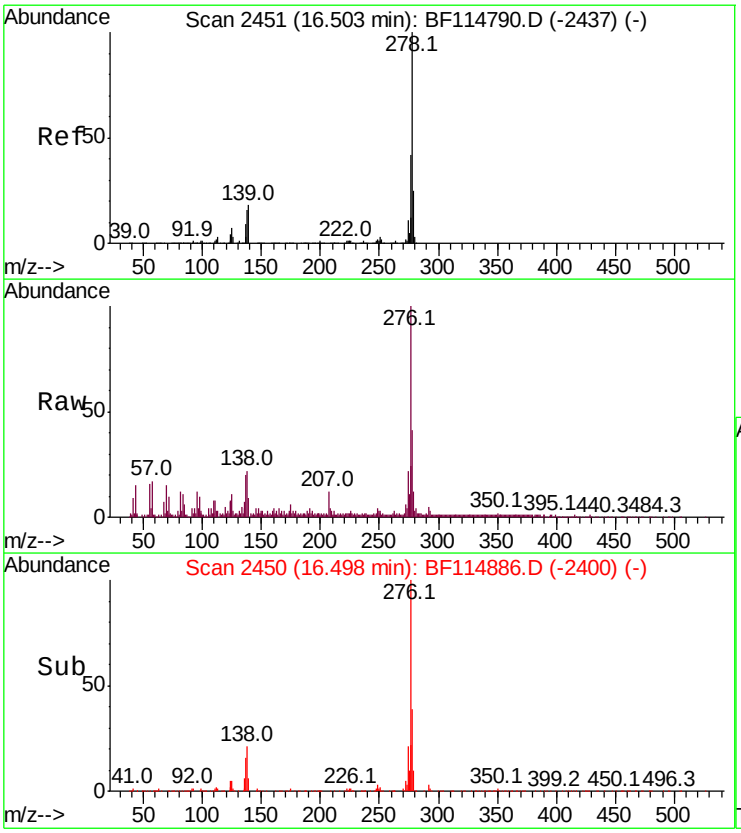
#90
Benzo(a)pyrene
Concen: 18.257 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:252 Resp: 607188

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	12.0	10.1	15.1

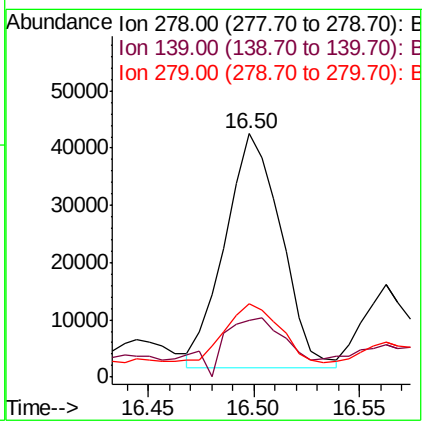


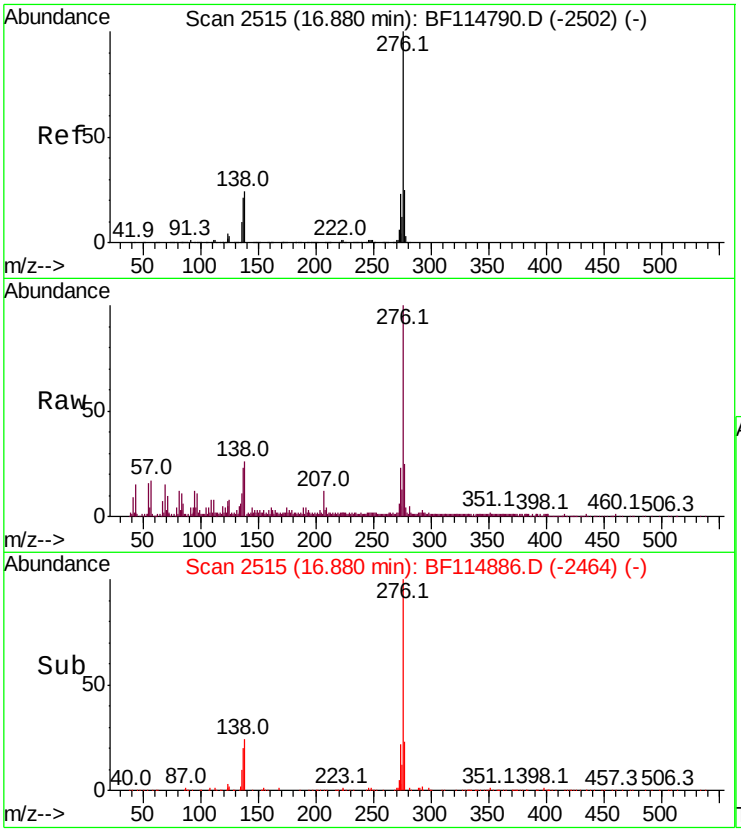


#91
Dibenzo(a,h)anthracene
Concen: 2.400 ng
RT: 16.50 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Tgt Ion:278 Resp: 75600

Ion	Ratio	Lower	Upper
278	100		
139	23.2	14.6	22.0#
279	30.4	20.1	30.1#





#92
Benzo(g,h,i)perylene
Concen: 5.794 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.00 min
Lab File: BF114886.D
Acq: 7 Jun 2019 2:01

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)DL

Tgt Ion:276 Resp: 183522

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.8	29.6
138	26.0	19.4	29.2