Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114249.D
Acq On : 14 May 2019 00:59
Operator : JU/SJ
Sample : K2766-06DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS007-0206-01DL

Quant Time: May 14 04:51:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	241010	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	959187	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	452440	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	813896	20.00	ng		0.01
76) Chrysene-d12	14.02	240	585470	20.00	ng		0.00
87) Perylene-d12	15.50	264	558240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	585996	39.13	ng		0.00
7) Phenol-d6	6.50	99	790348	44.62	ng		0.00
23) Nitrobenzene-d5	7.41	82	469368	27.46	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	172950	36.98	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	781287	26.12	ng		0.00
79) Terphenyl-d14	12.96	244	634525	22.34	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	59853	5.331	ng	#	78
25) Isophorone	7.41	82	469363	14.807	ng	#	64
31) Naphthalene	8.16	128	149465	3.336	ng		96
32) Benzoic acid	7.92	122	966	7.108	ng	#	79
37) 2-Methylnaphthalene	8.85	142	62446	2.160	ng		94
49) Acenaphthylene	9.75	152	268776	6.008	ng		97
50) Dimethylphthalate	9.60	163	105533	3.177	ng		97
51) 2,6-Dinitrotoluene	9.89	165	60440	8.204	ng	#	22
71) Phenanthrene	11.40	178	1000290	25.262	ng		98
72) Anthracene	11.45	178	163280	4.105	ng		97
75) Fluoranthene	12.59	202	1185238	27.796	ng		98
78) Pyrene	12.83	202	2039215	43.297	ng		100
81) Benzo(a)anthracene	14.05	228	868790	22.943	ng		97
83) Chrysene	14.05	228	868790	23.404	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	291096	8.873	ng		96
88) Benzo(b)fluoranthene	15.07	252	1057058	29.556	ng	#	98
89) Benzo(k)fluoranthene	15.07	252	1057058	32.176	ng		98
90) Benzo(a)pyrene	15.44	252	533401	16.947	ng		97
92) Benzo(g,h,i)perylene	17.43	276	327551	12.497	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
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Acq On : 14 May 2019 00:59
Operator : JU/SJ
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Instrument :
BNA_F
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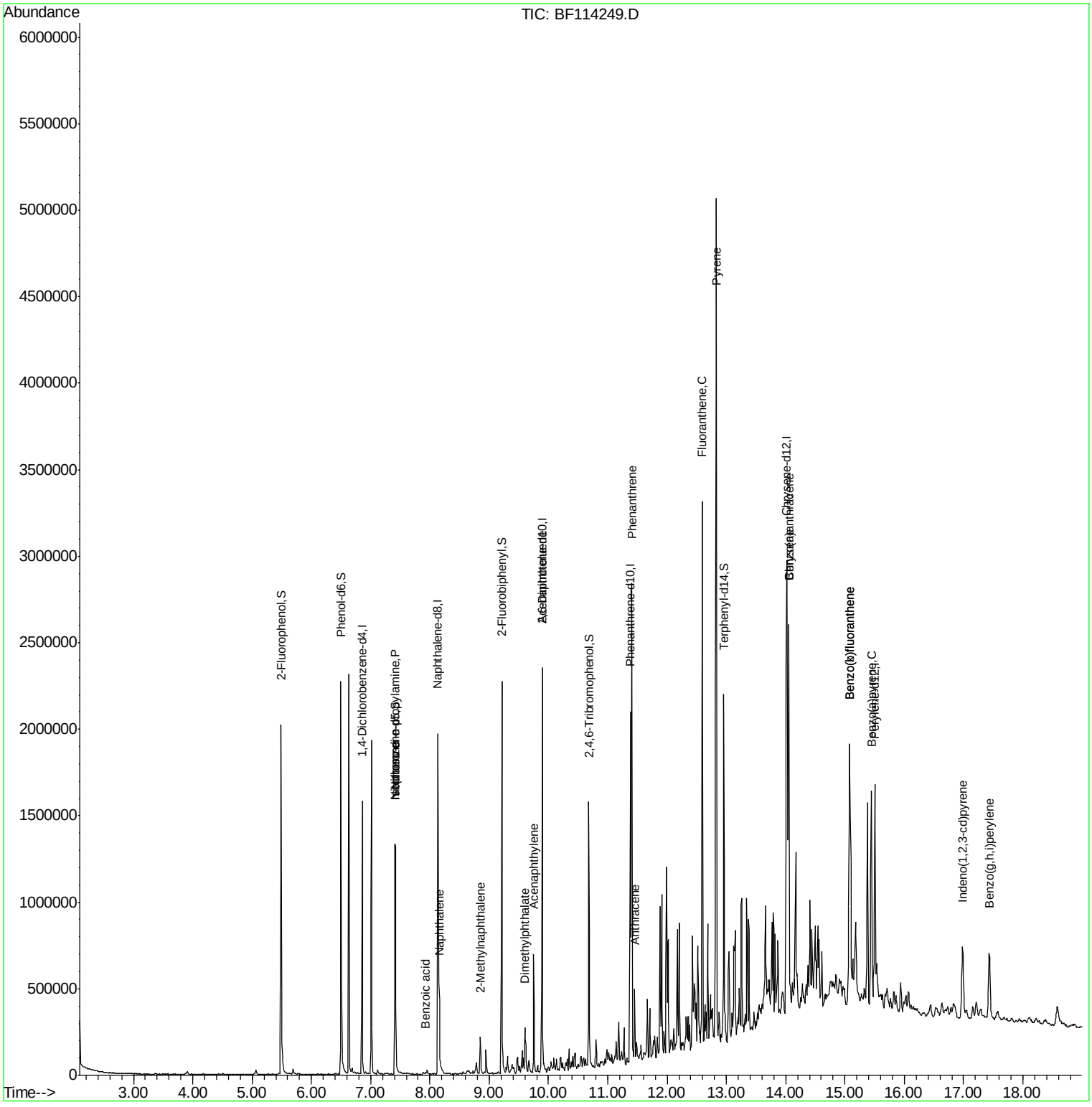
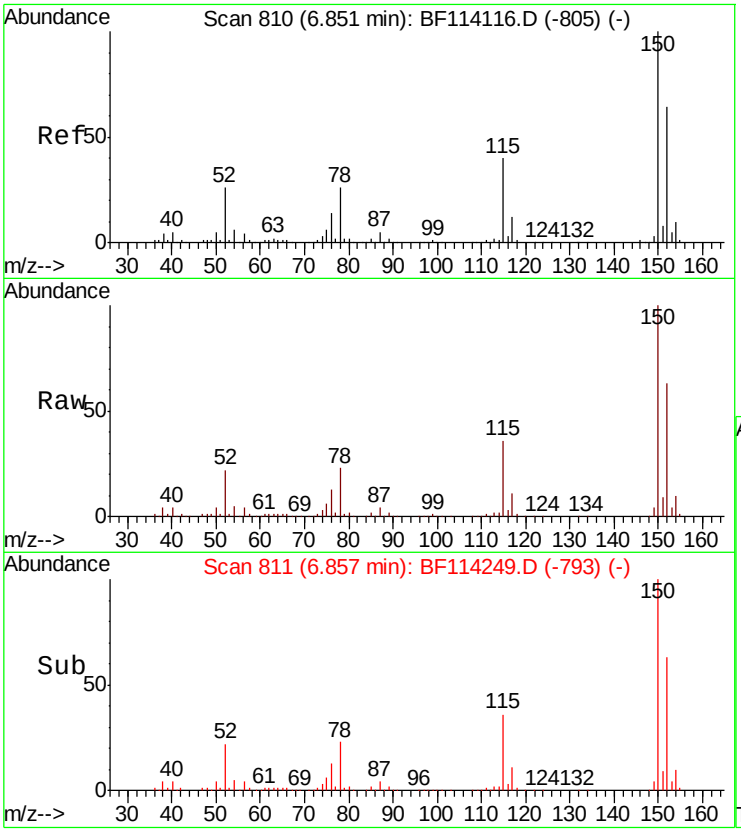
P026-SS007-0206-01DL

Quant Time: May 14 04:51:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



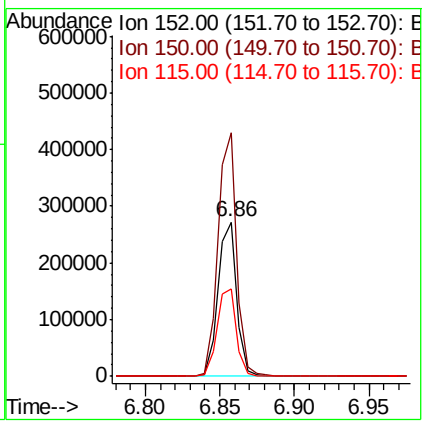


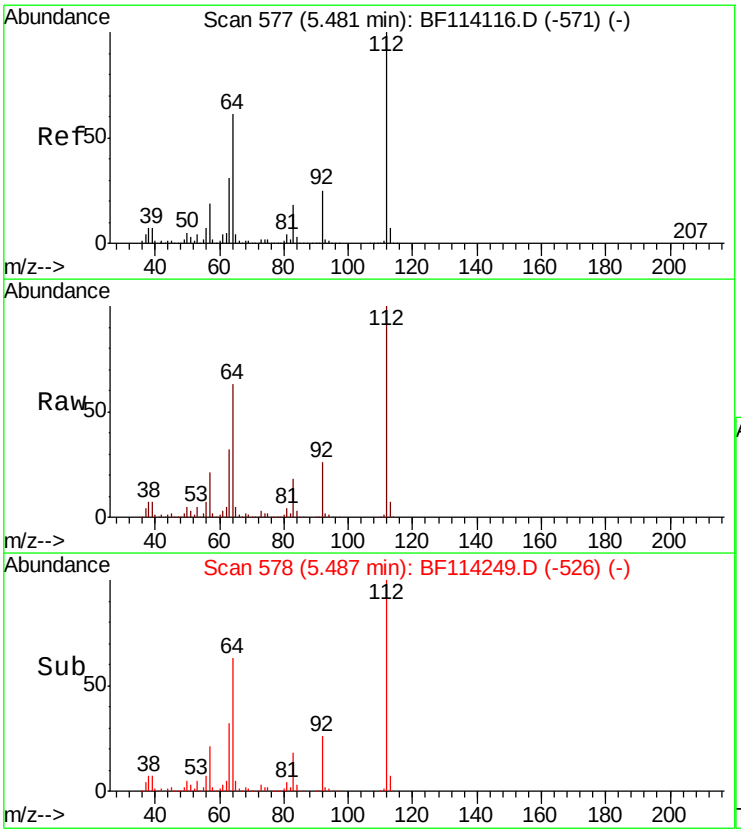
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:152 Resp: 241010

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.3	186.5
115	56.8	49.1	73.7

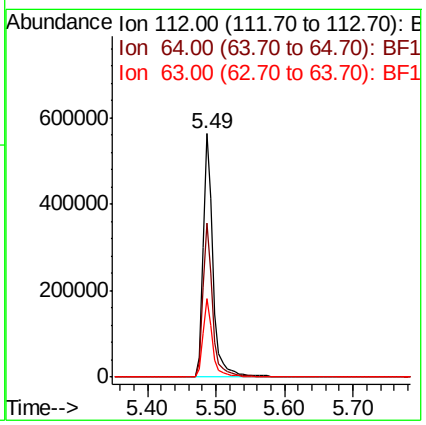


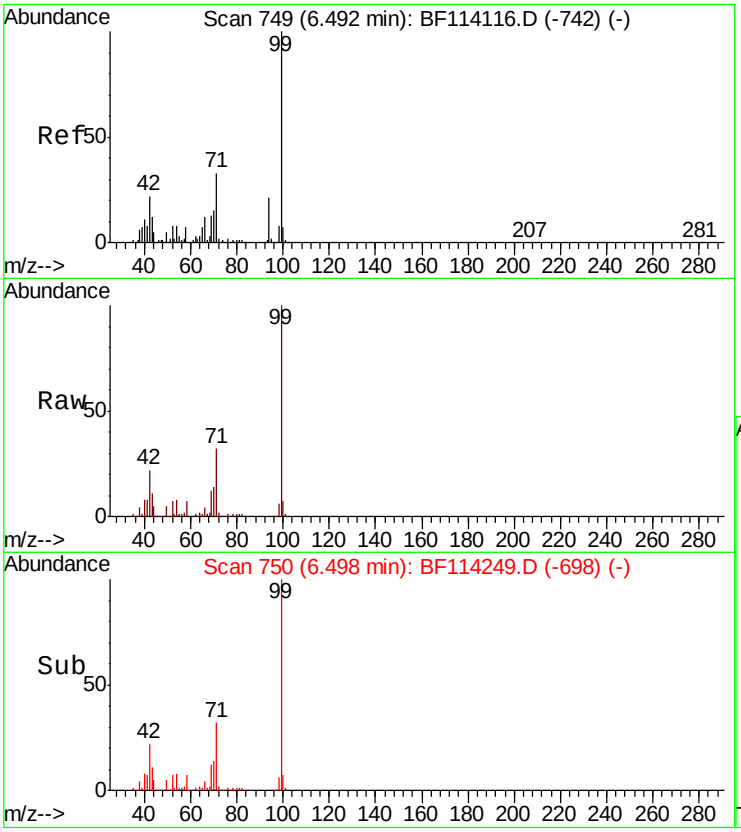


#5
2-Fluorophenol
Concen: 39.128 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:112 Resp: 585996

Ion	Ratio	Lower	Upper
112	100		
64	63.4	49.0	73.6
63	32.4	24.6	37.0



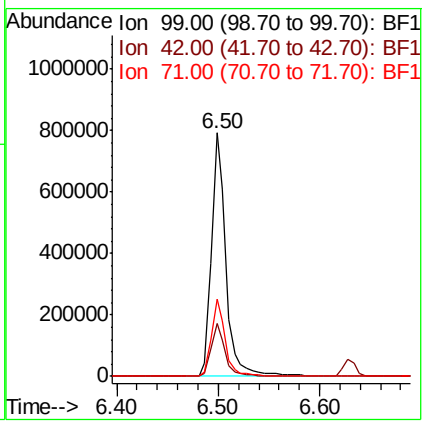


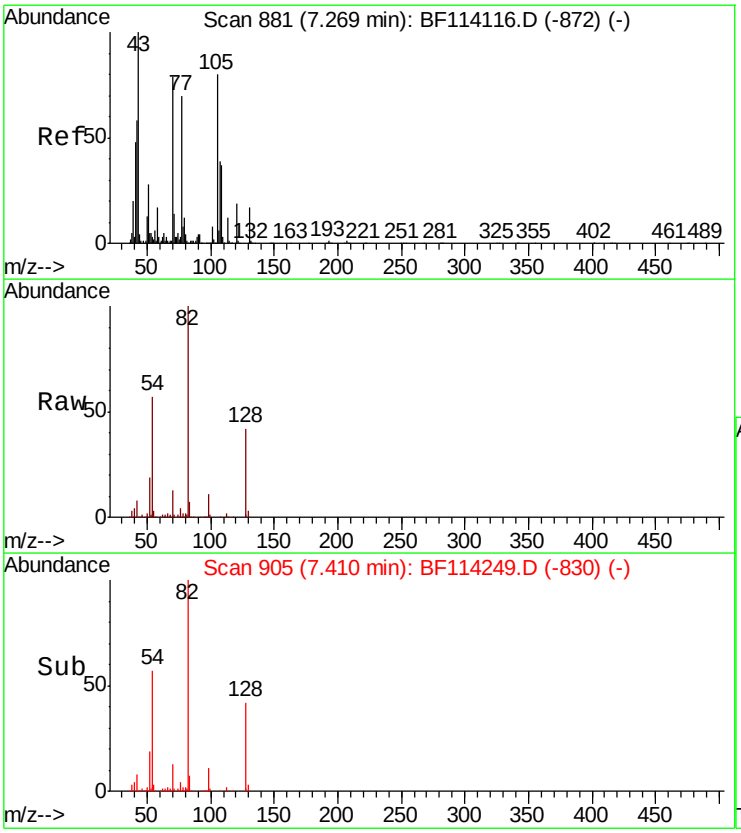
#7
Phenol-d6
Concen: 44.619 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion: 99 Resp: 790348

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.9	26.9
71	31.9	26.2	39.2

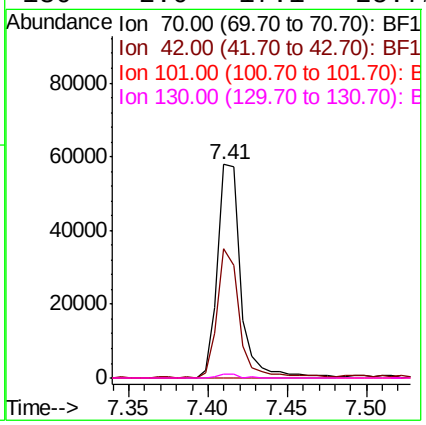


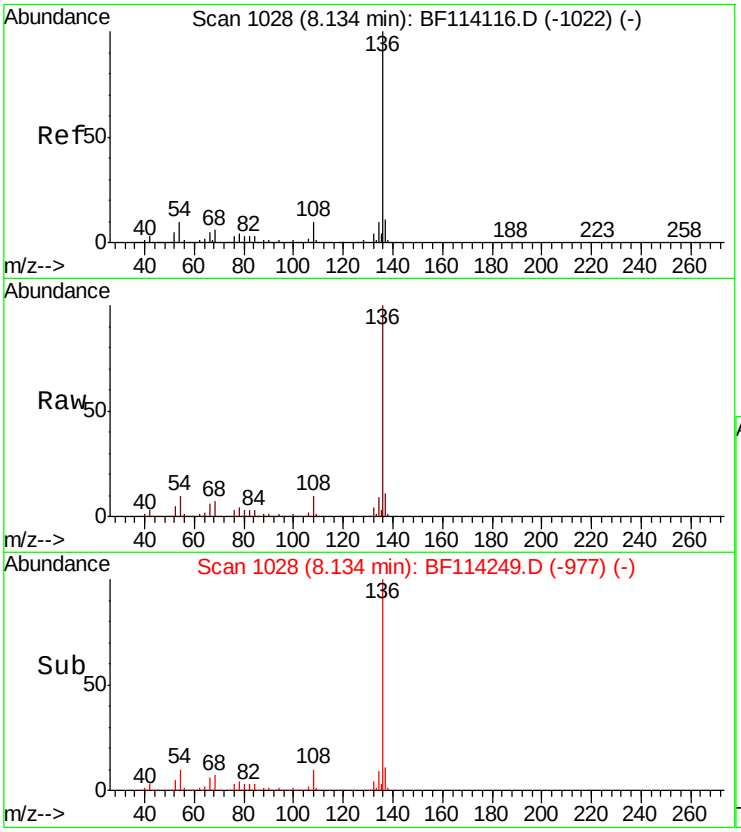


#19
n-Nitroso-di-n-propylamine
Concen: 5.331 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion: 70 Resp: 59853

Ion	Ratio	Lower	Upper
70	100		
42	60.4	58.6	87.8
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#



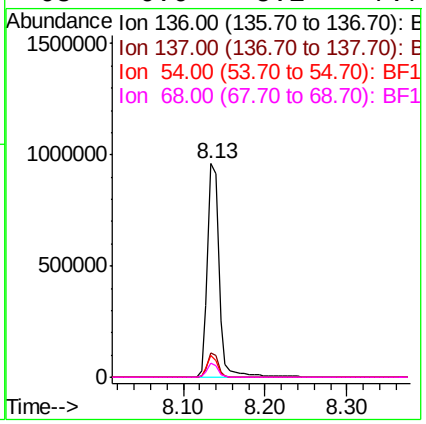


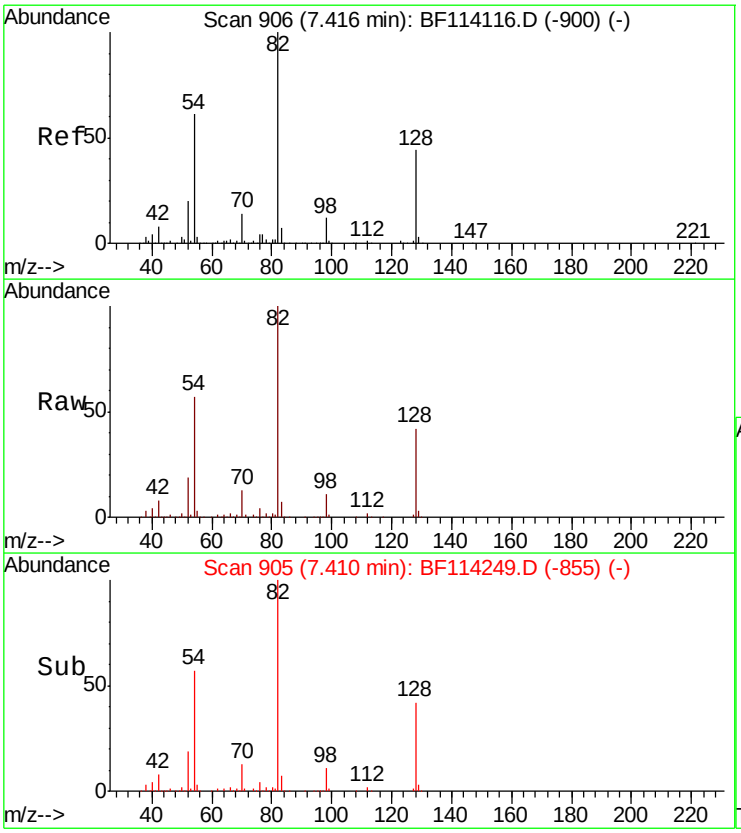
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:136 Resp: 959187

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.2	7.8	11.8
68	6.6	5.1	7.7

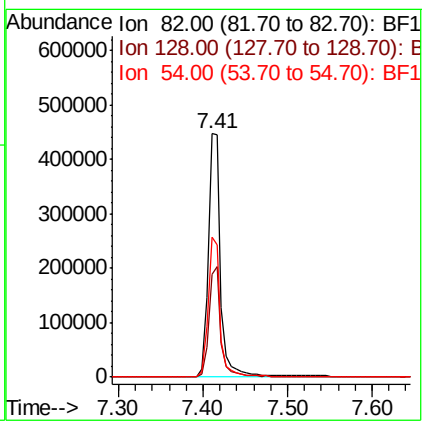


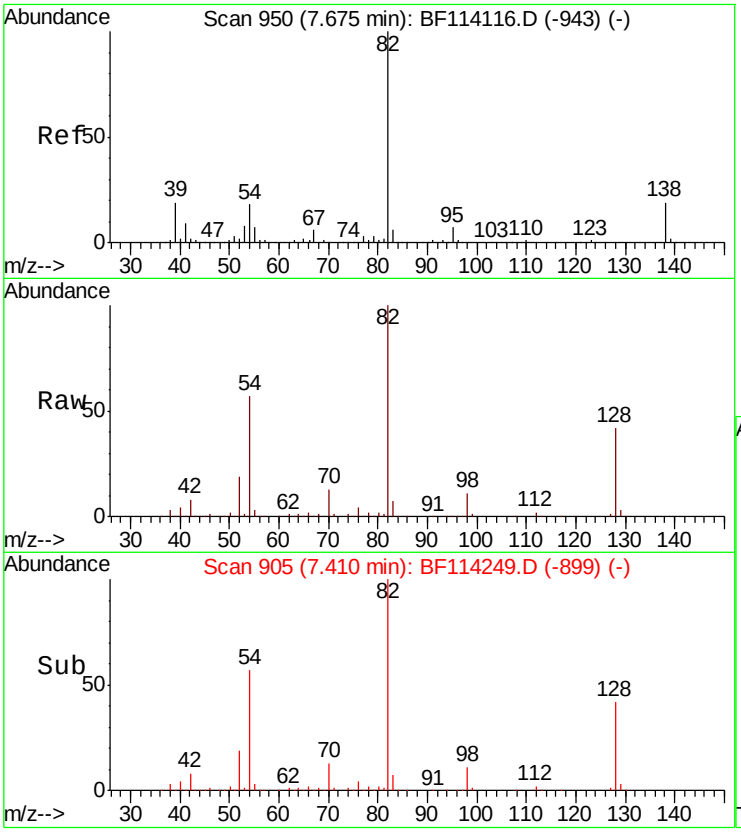


#23
Nitrobenzene-d5
Concen: 27.462 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion: 82 Resp: 469368

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.5	53.3
54	57.5	48.5	72.7



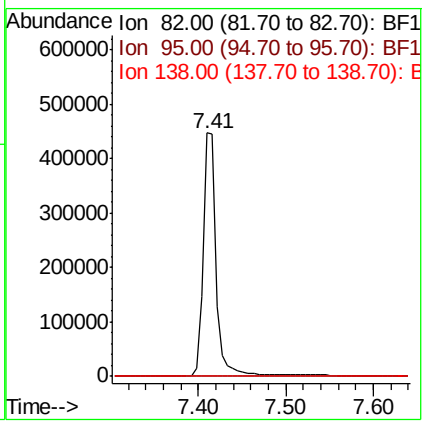


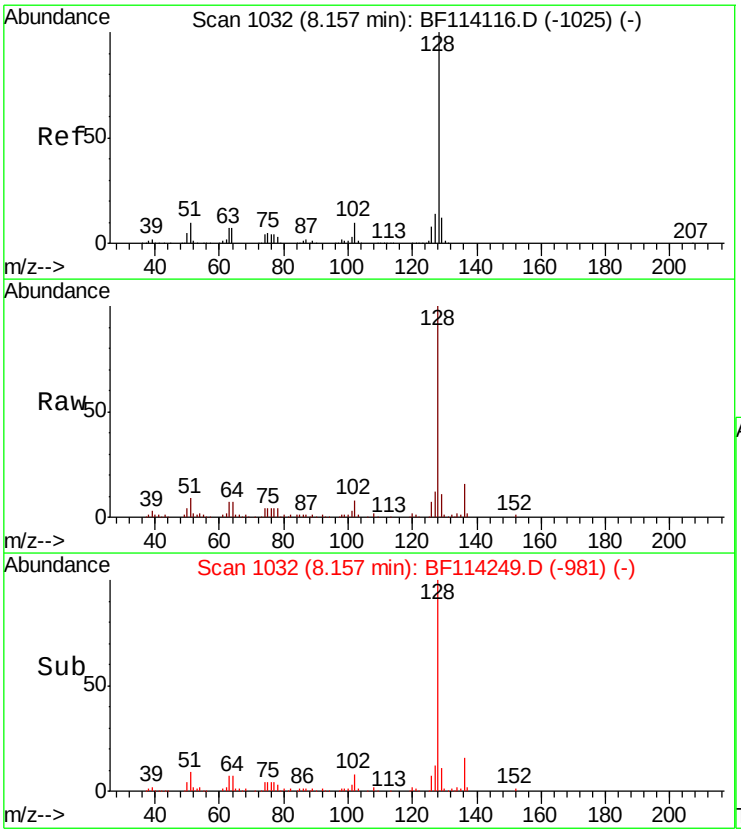
#25
Isophorone
Concen: 14.807 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion: 82 Resp: 469363

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.8	22.2#

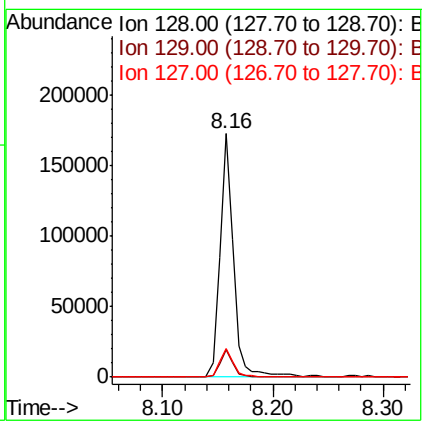


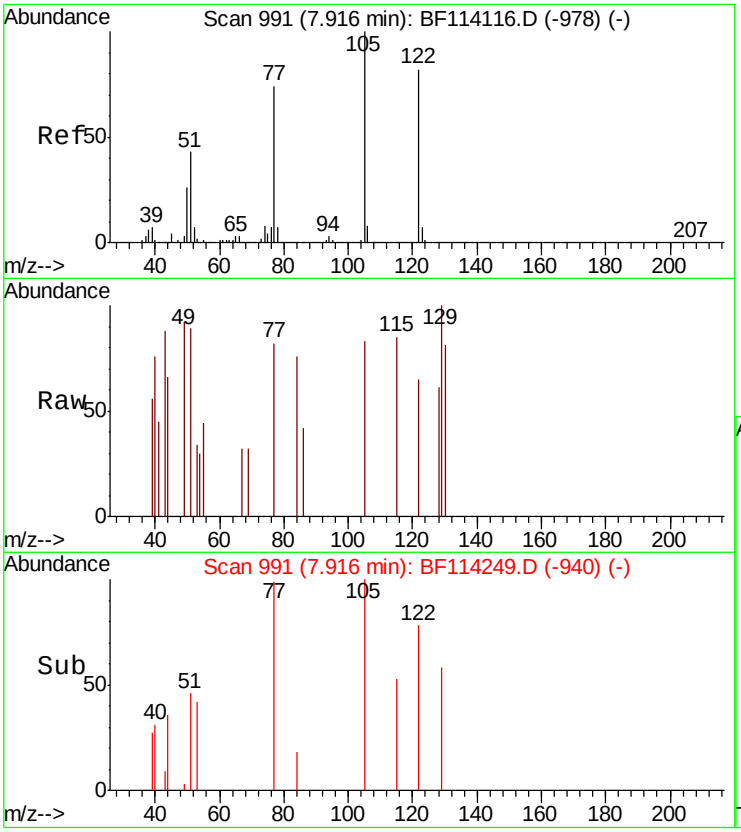


#31
Naphthalene
Concen: 3.336 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:128 Resp: 149465

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	11.8	11.3	16.9



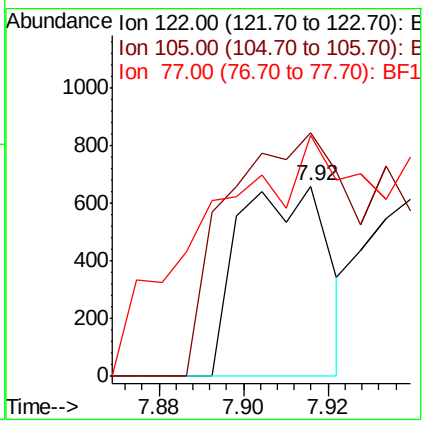


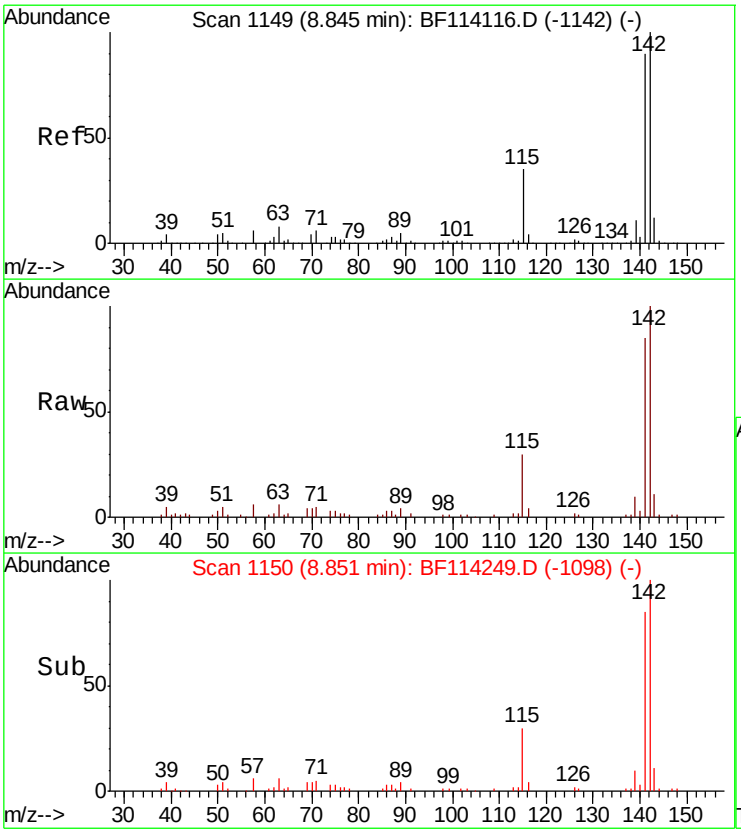
#32
Benzoic acid
Concen: 7.108 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:122 Resp: 966

Ion	Ratio	Lower	Upper
122	100		
105	127.8	99.9	139.9
77	126.8	69.4	109.4#

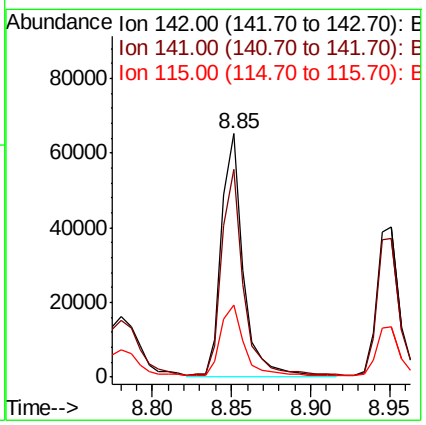


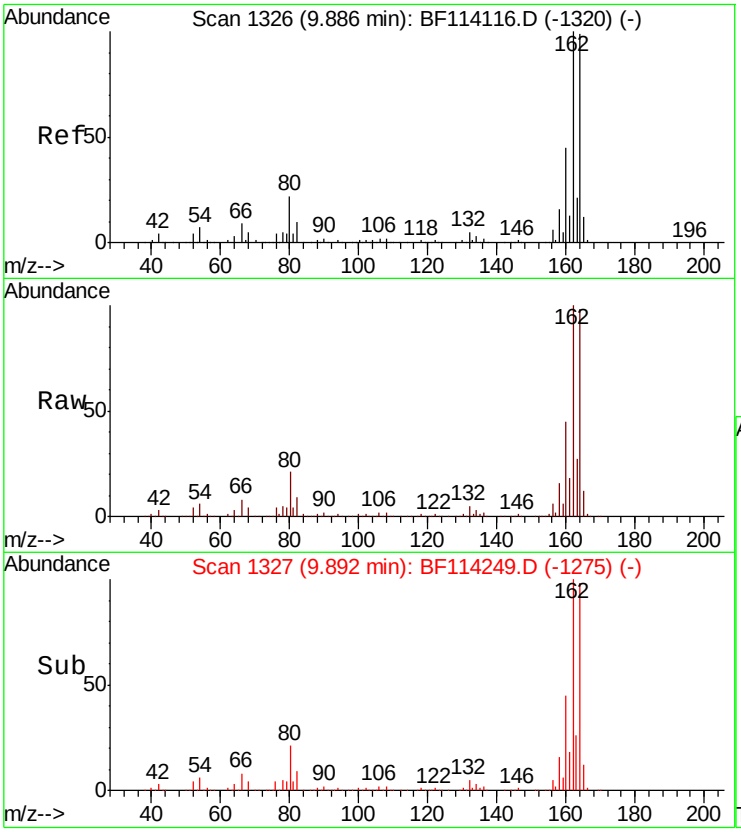


#37
2-Methylnaphthalene
Concen: 2.160 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:142 Resp: 62446

Ion	Ratio	Lower	Upper
142	100		
141	85.3	72.1	108.1
115	29.8	28.0	42.0



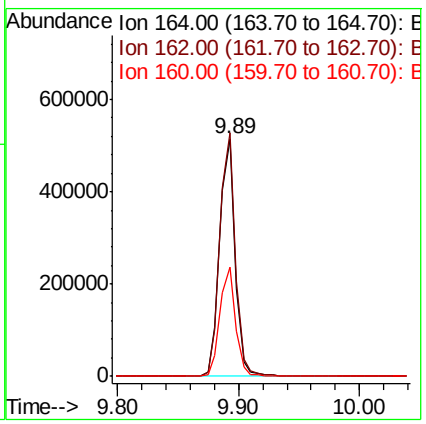


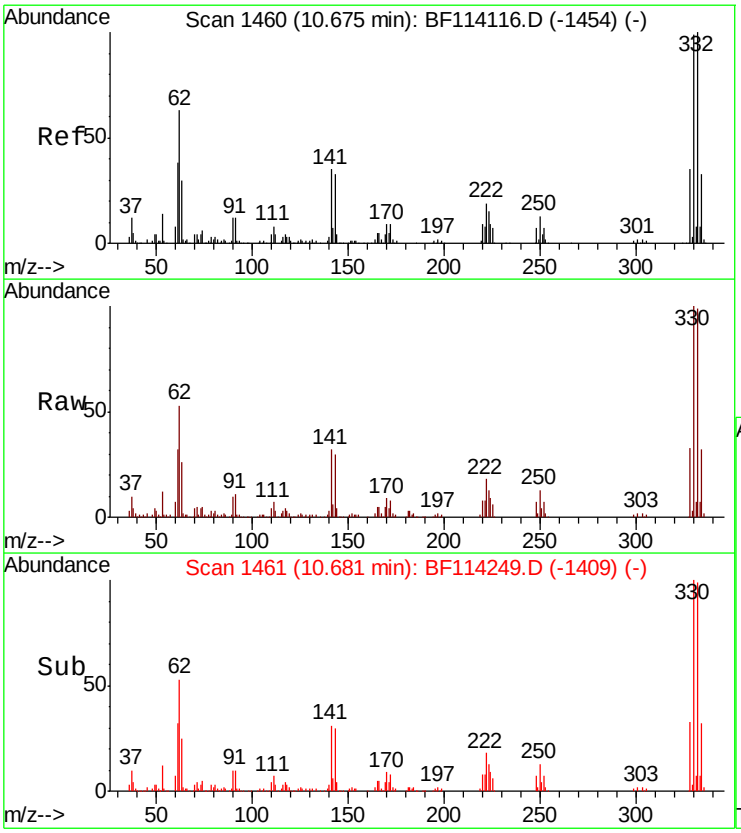
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:164 Resp: 452440

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.1	36.5	54.7

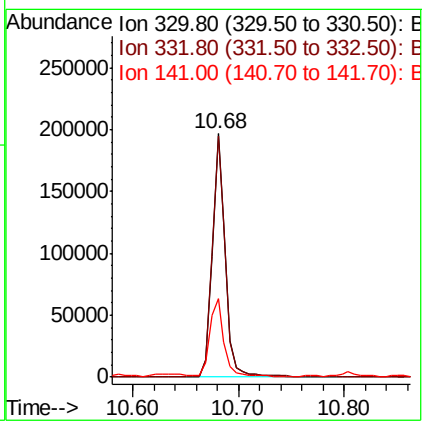


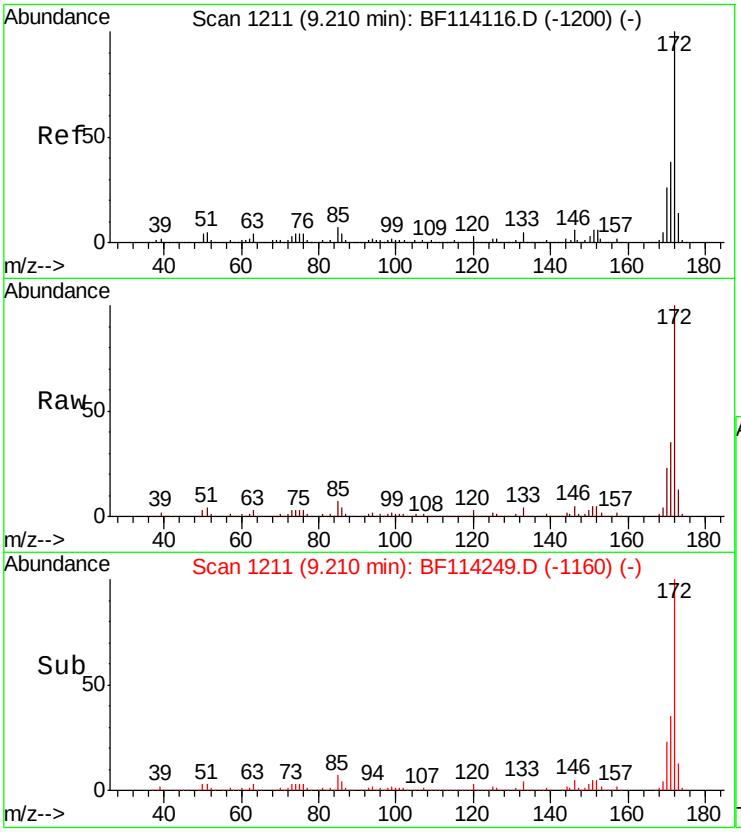


#42
2,4,6-Tribromophenol
Concen: 36.975 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:330 Resp: 172950

Ion	Ratio	Lower	Upper
330	100		
332	100.1	81.4	122.2
141	34.4	26.6	40.0



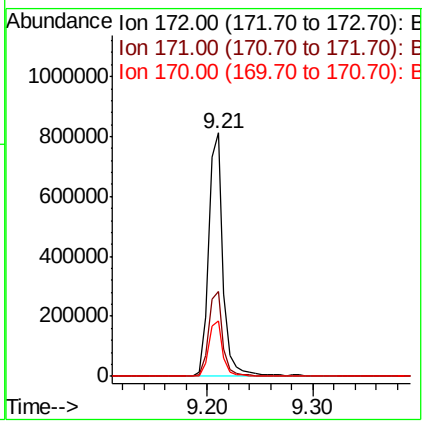


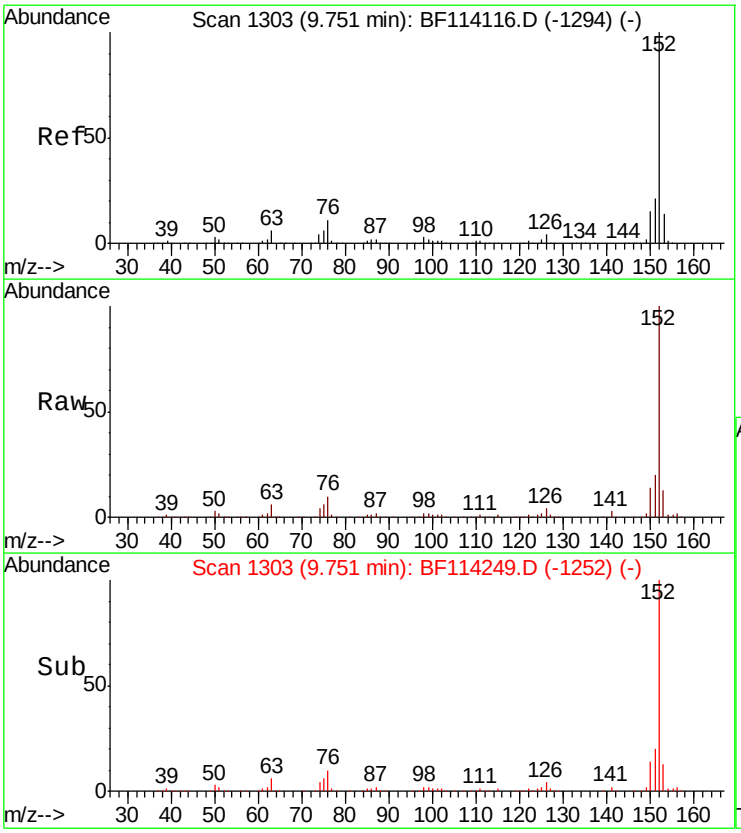
#45
2-Fluorobiphenyl
Concen: 26.121 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:172 Resp: 781287

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.7	46.1
170	22.9	20.5	30.7

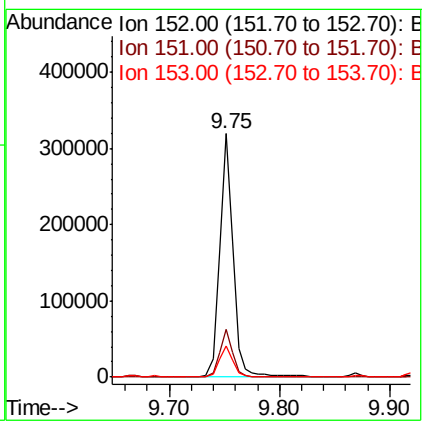


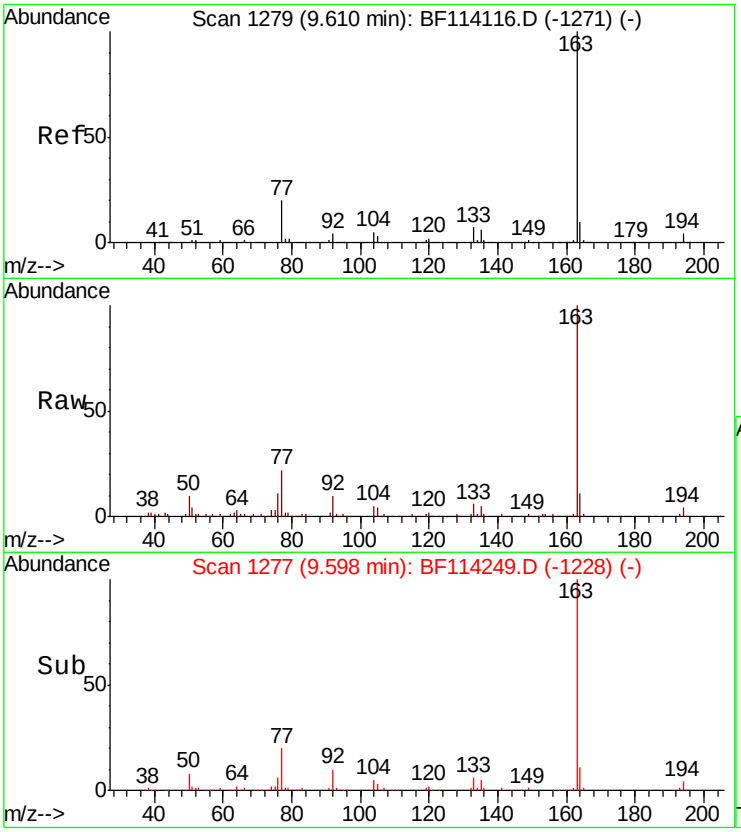


#49
Acenaphthylene
Concen: 6.008 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:152 Resp: 268776

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	12.7	11.4	17.2



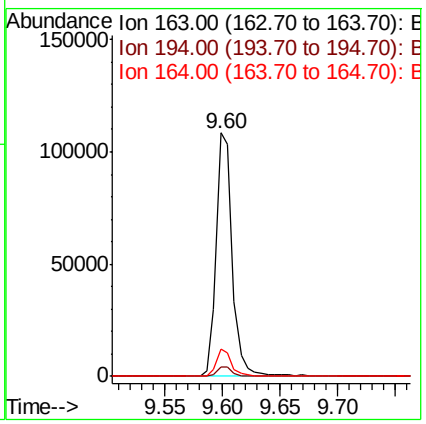


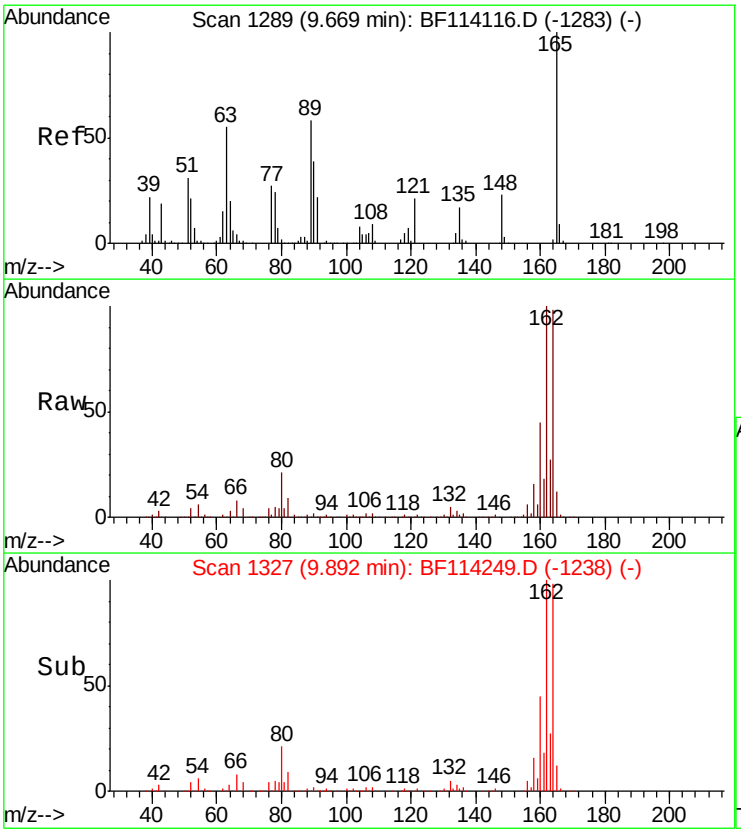
#50
Dimethylphthalate
Concen: 3.177 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:163 Resp: 105533

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	11.4	8.2	12.2

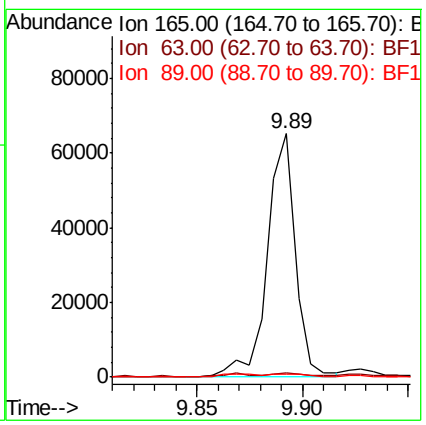


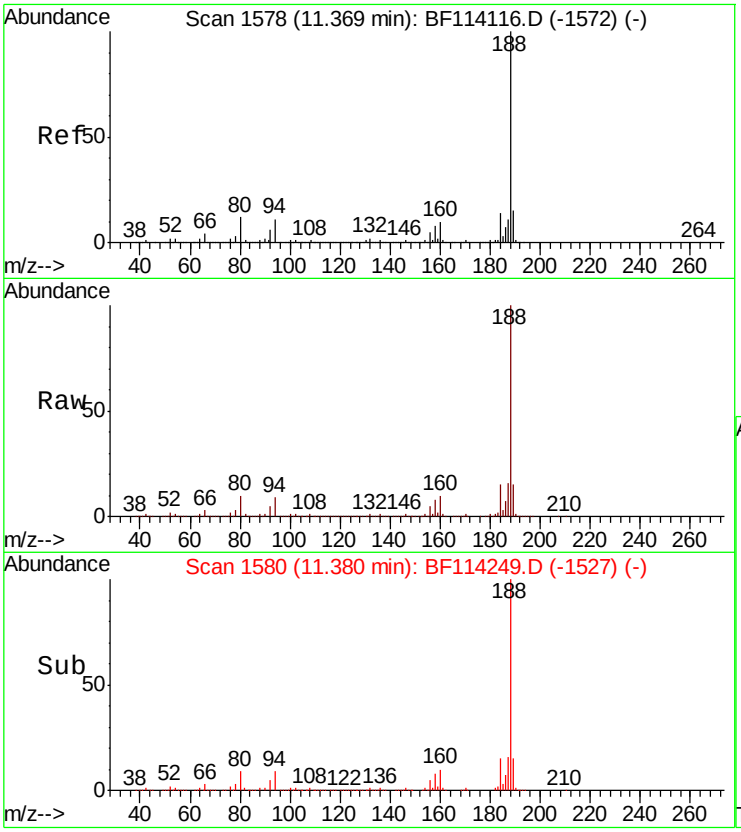


#51
2,6-Dinitrotoluene
Concen: 8.204 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.22 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:165 Resp: 60440

Ion	Ratio	Lower	Upper
165	100		
63	2.0	50.2	75.4#
89	1.2	46.6	69.8#



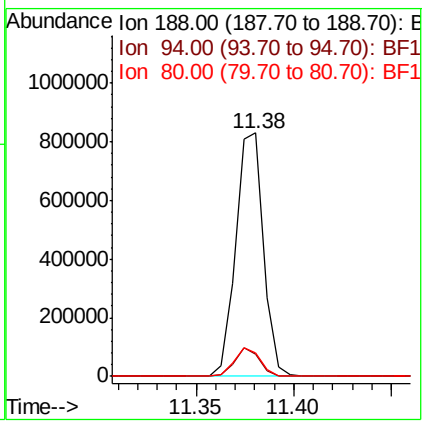


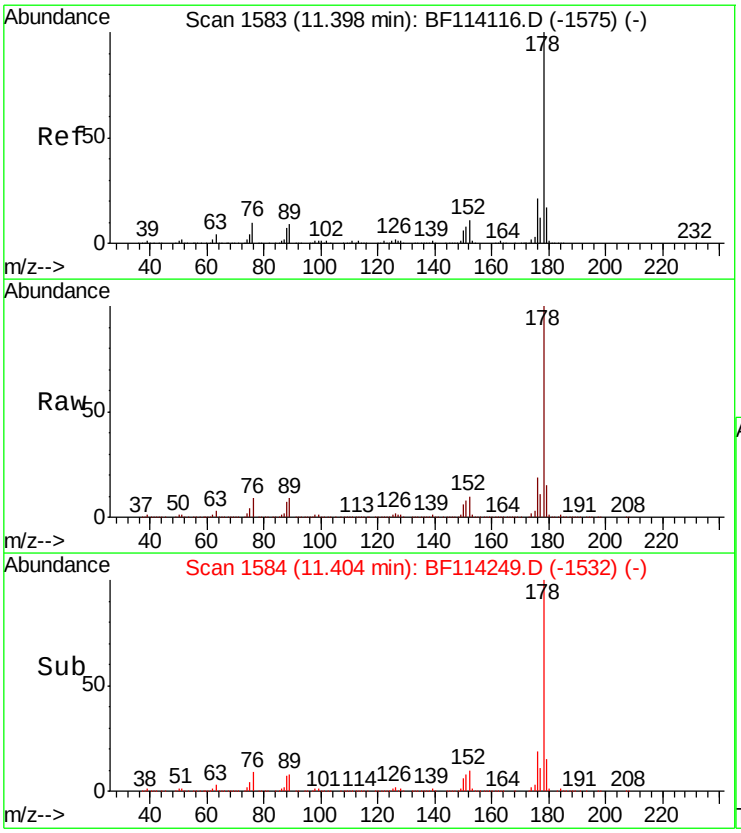
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:188 Resp: 813896

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.4	12.6
80	9.5	9.2	13.8

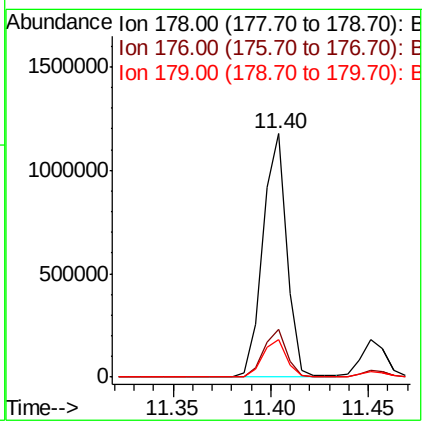


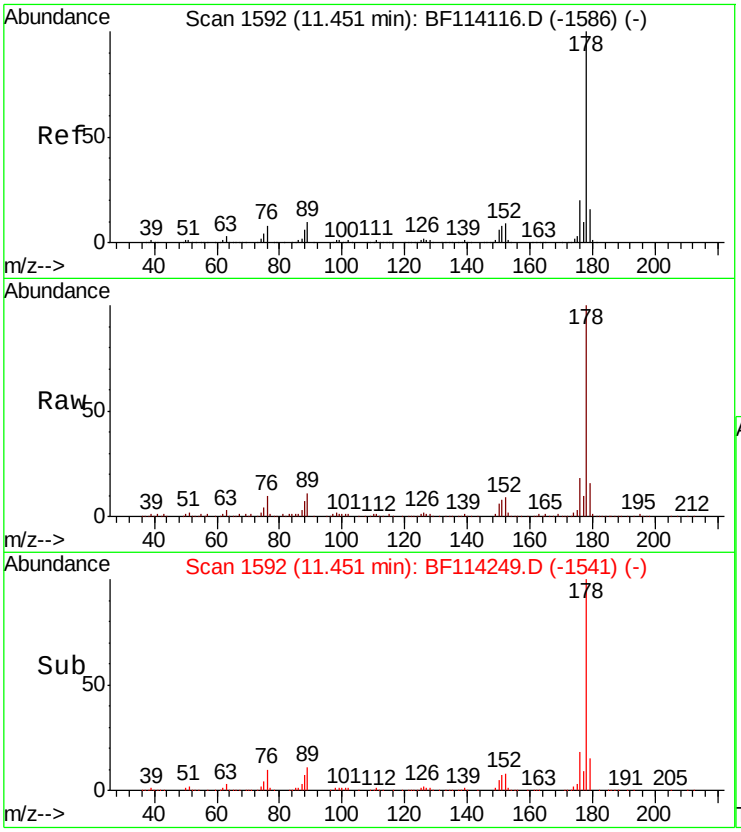


#71
Phenanthrene
Concen: 25.262 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:178 Resp: 1000290

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	15.4	13.2	19.8



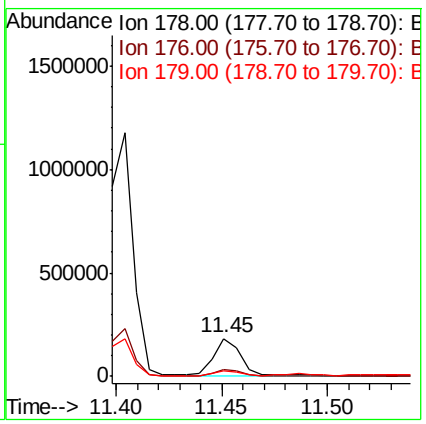


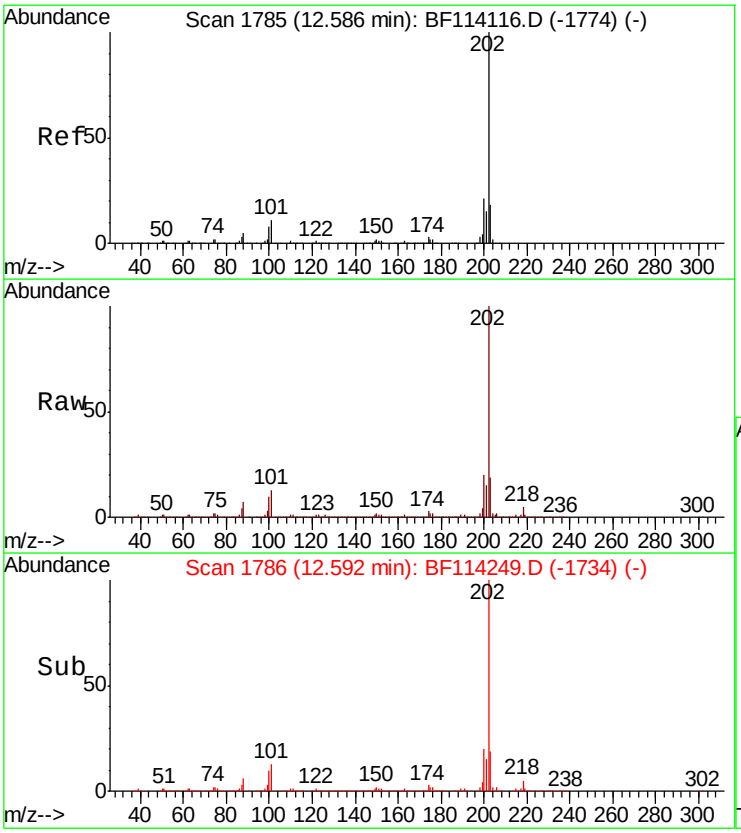
#72
Anthracene
Concen: 4.105 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:178 Resp: 163280

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	15.8	13.0	19.4

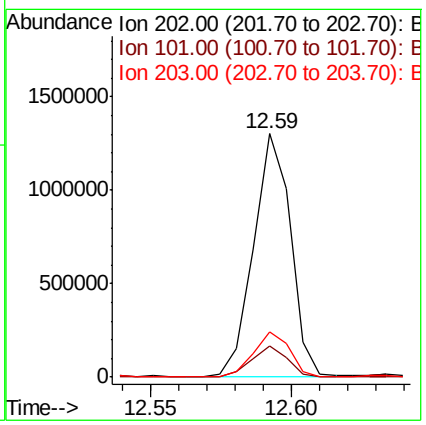


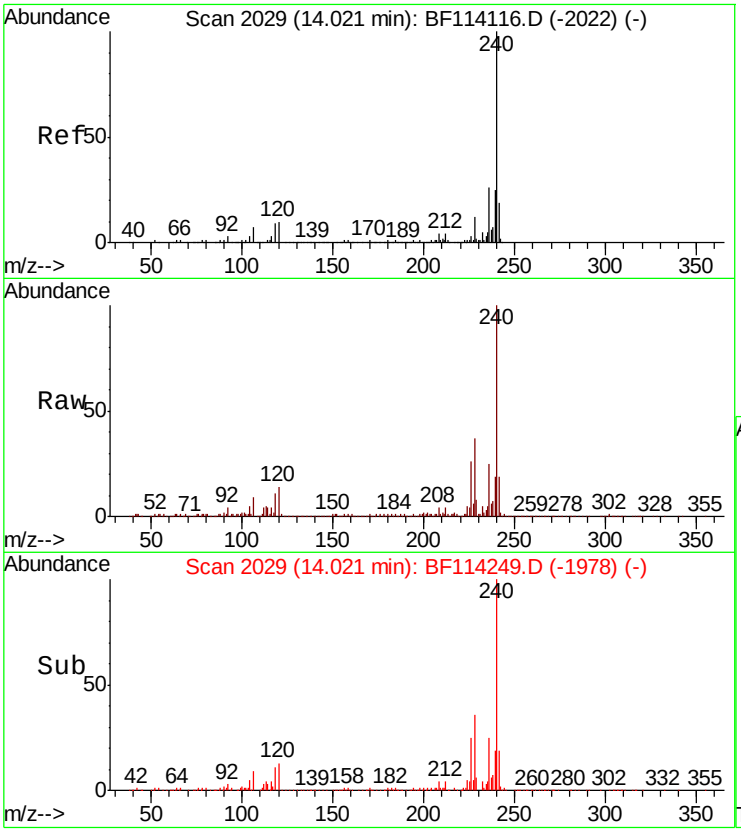


#75
Fluoranthene
Concen: 27.796 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:202 Resp: 1185238

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.0
203	18.6	0.0	38.4



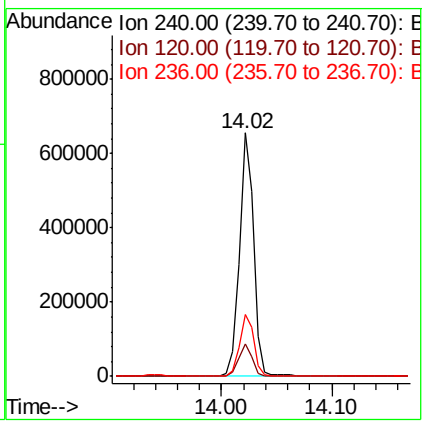


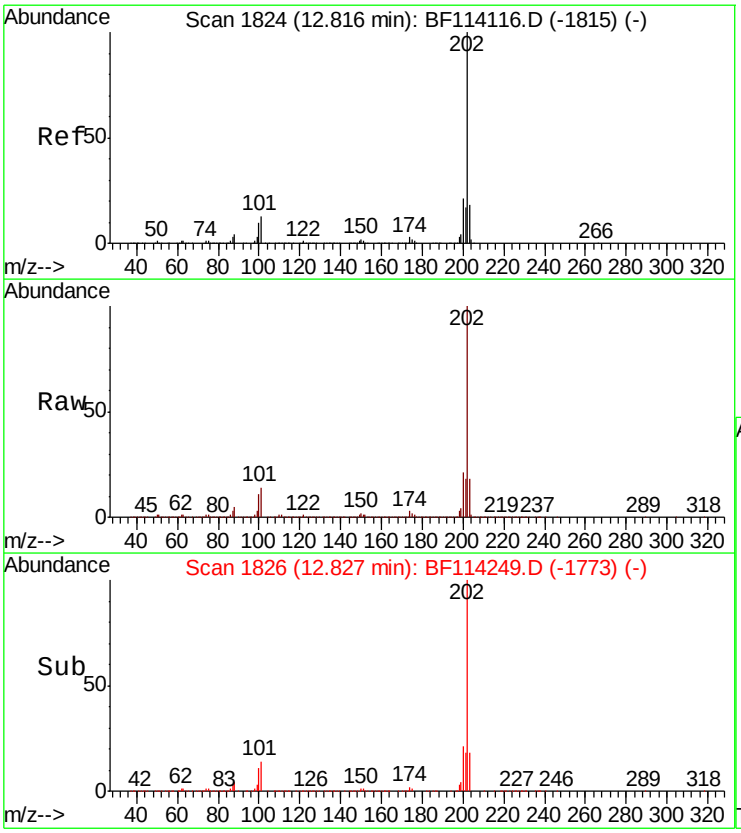
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:240 Resp: 585470

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.3	12.5#
236	25.4	20.8	31.2

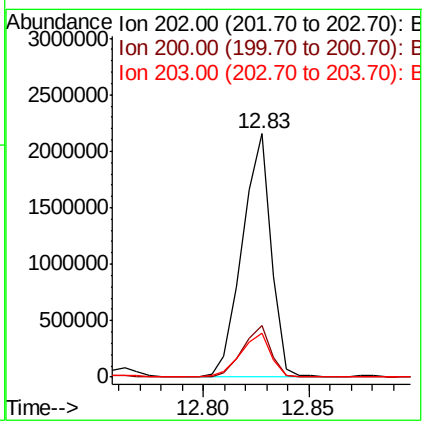


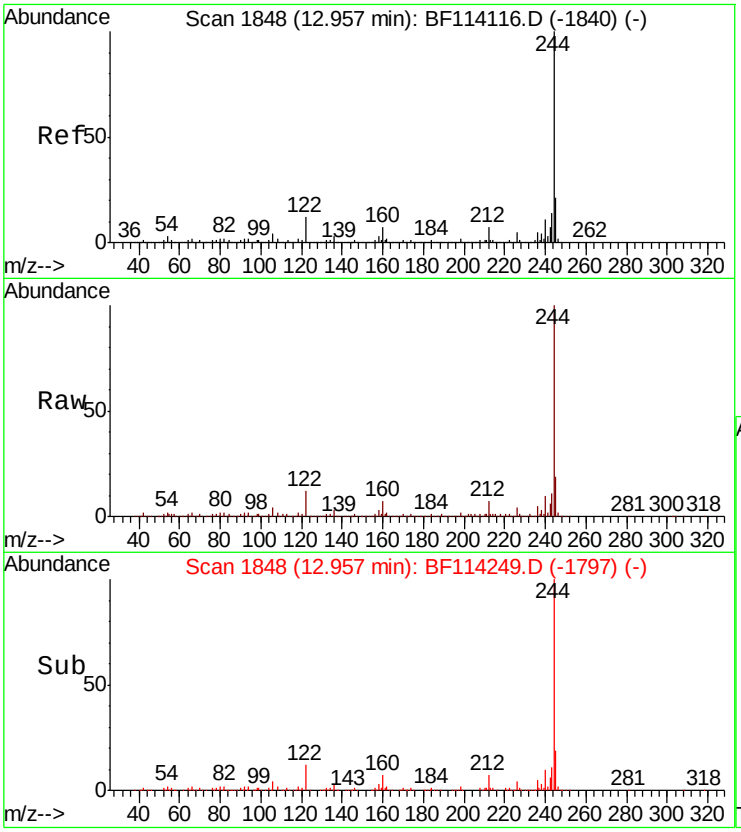


#78
Pyrene
Concen: 43.297 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:202 Resp: 2039215

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.2	14.5	21.7



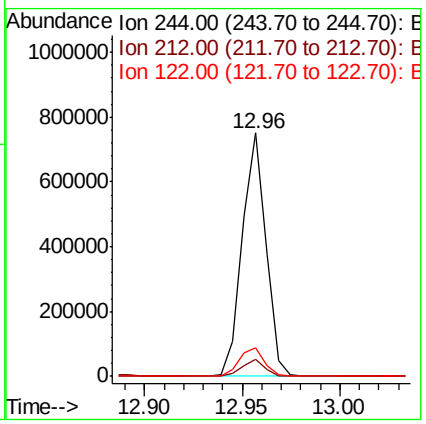


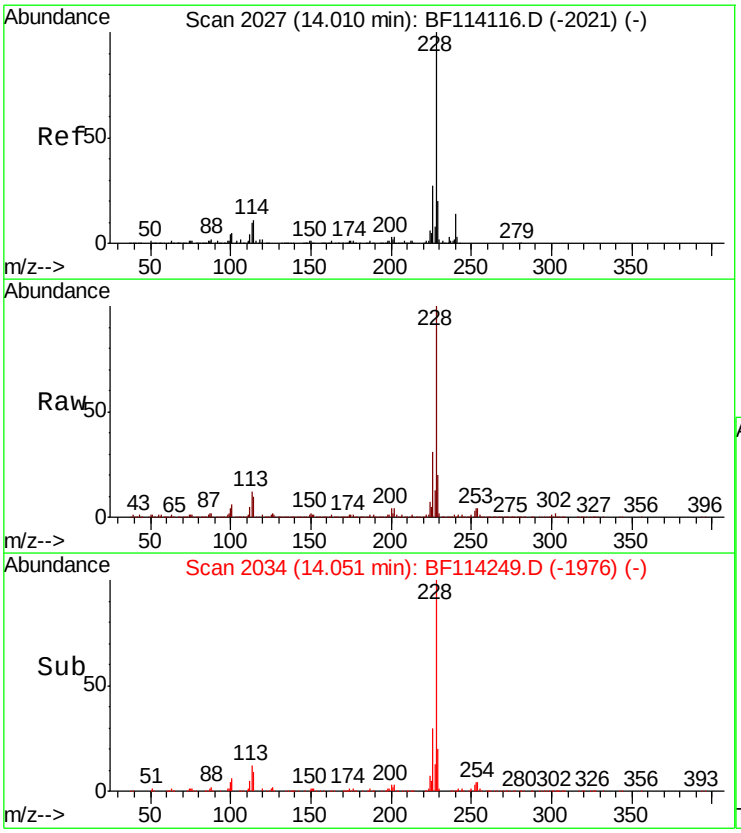
#79
Terphenyl-d14
Concen: 22.342 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:244 Resp: 634525

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.9	9.4	14.2

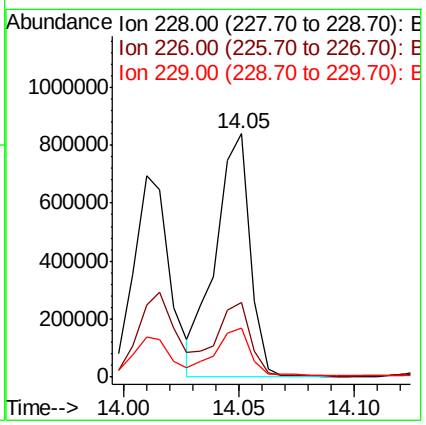


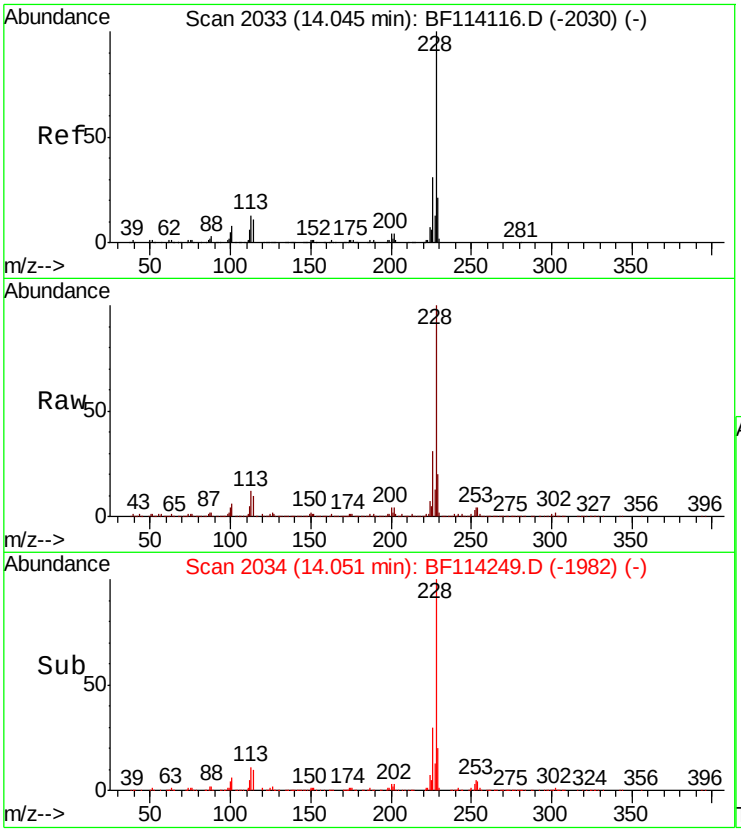


#81
Benzo(a)anthracene
Concen: 22.943 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.04 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:228 Resp: 868790

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.2	33.2
229	20.2	16.4	24.6



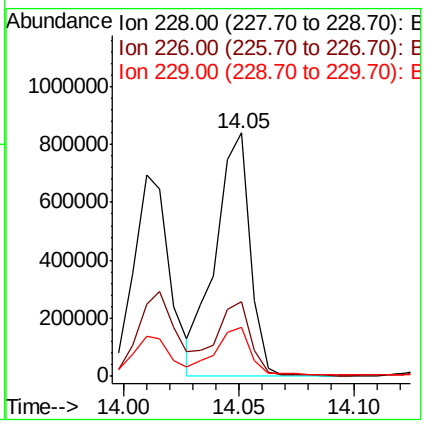


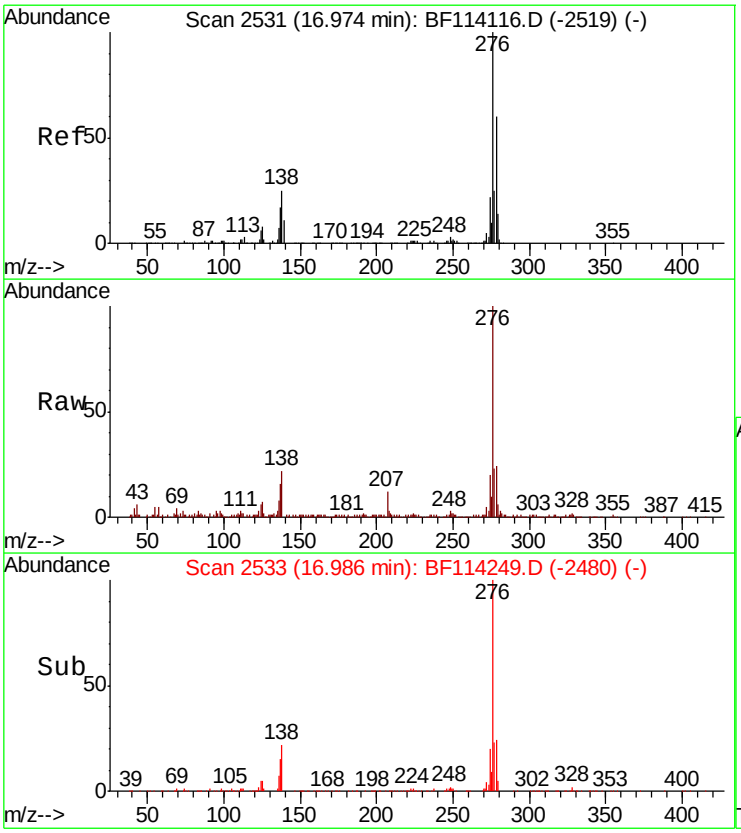
#83
Chrysene
Concen: 23.404 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:228 Resp: 868790

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.2	17.0	25.6

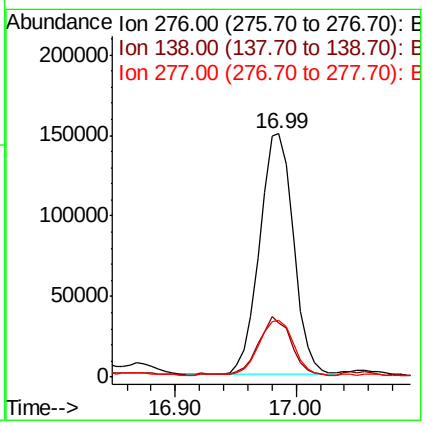


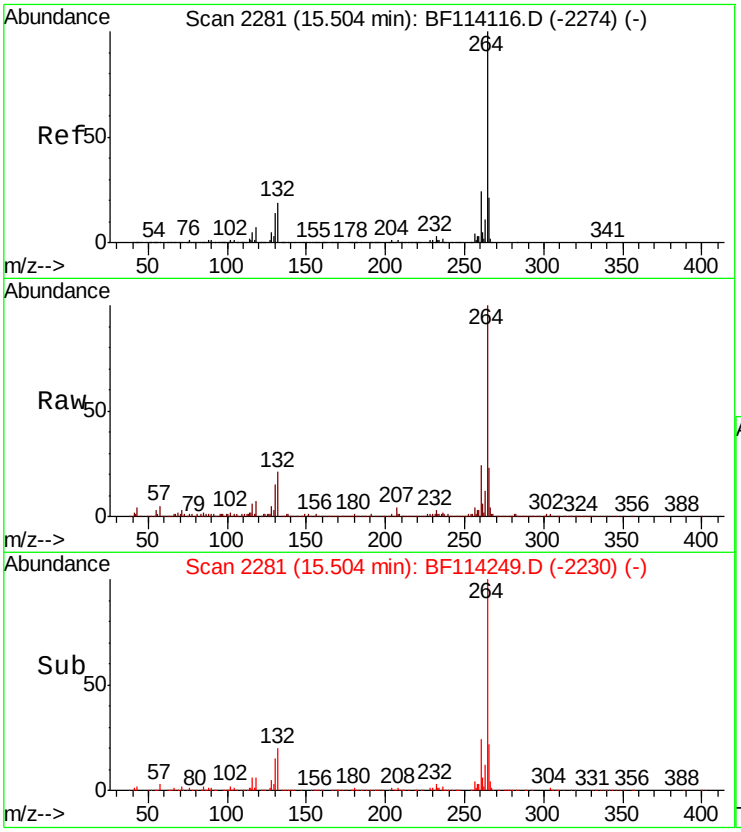


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.873 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:276 Resp: 291096

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.2	30.2
277	23.9	20.0	30.0



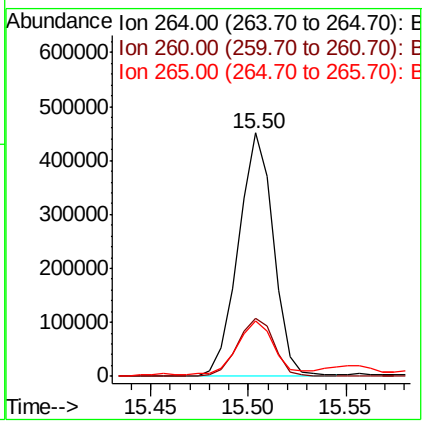


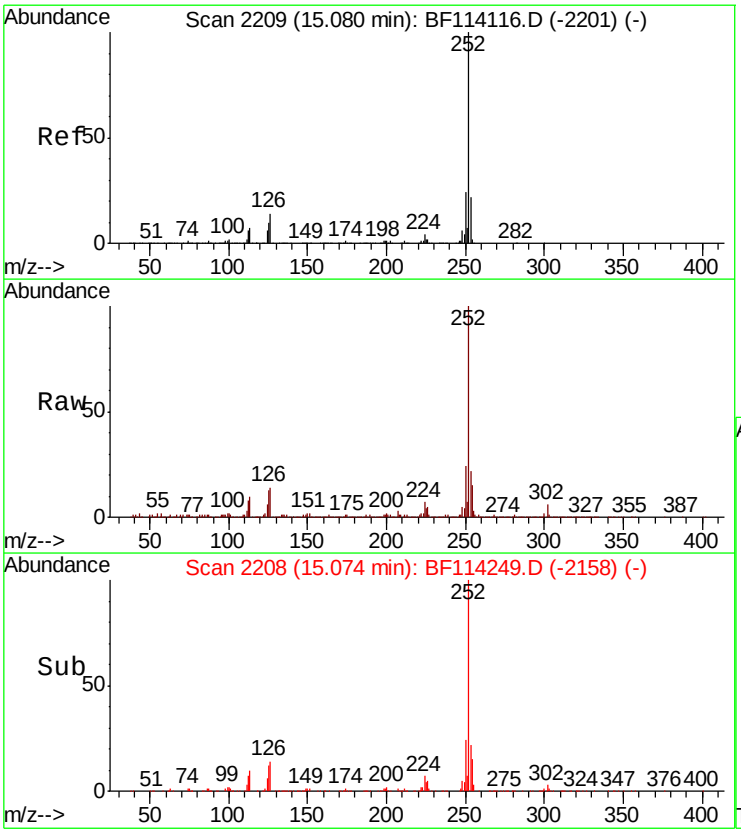
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:264 Resp: 558240

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.6	16.9	25.3

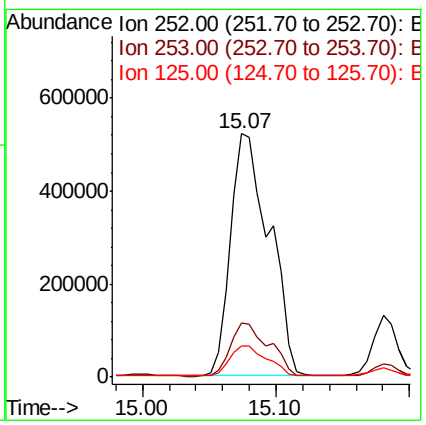


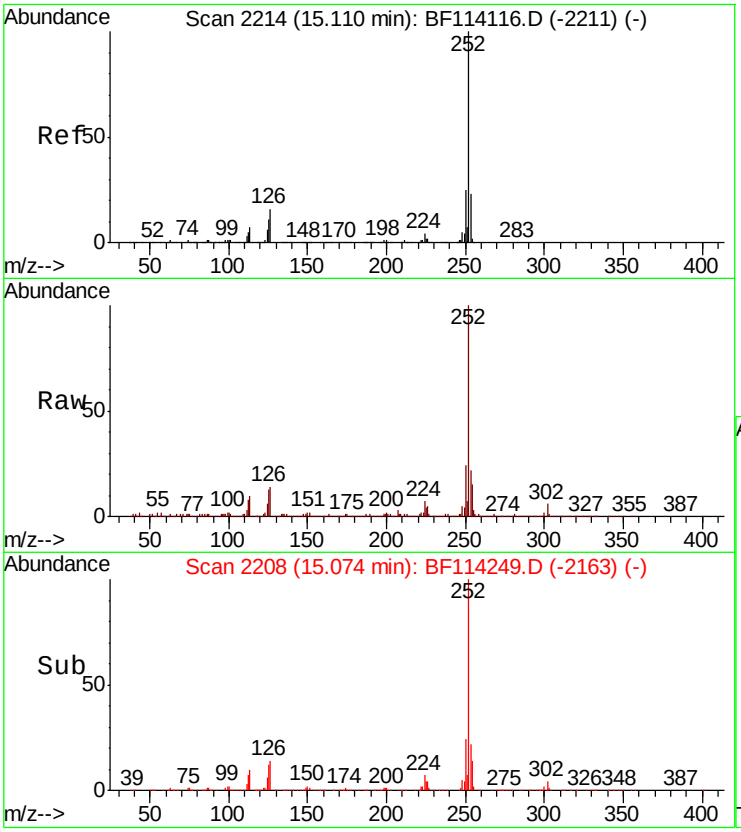


#88
Benzo(b)fluoranthene
Concen: 29.556 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:252 Resp: 1057058

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.5	8.3	12.5#



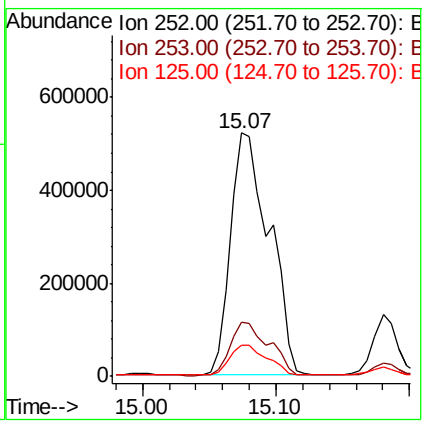


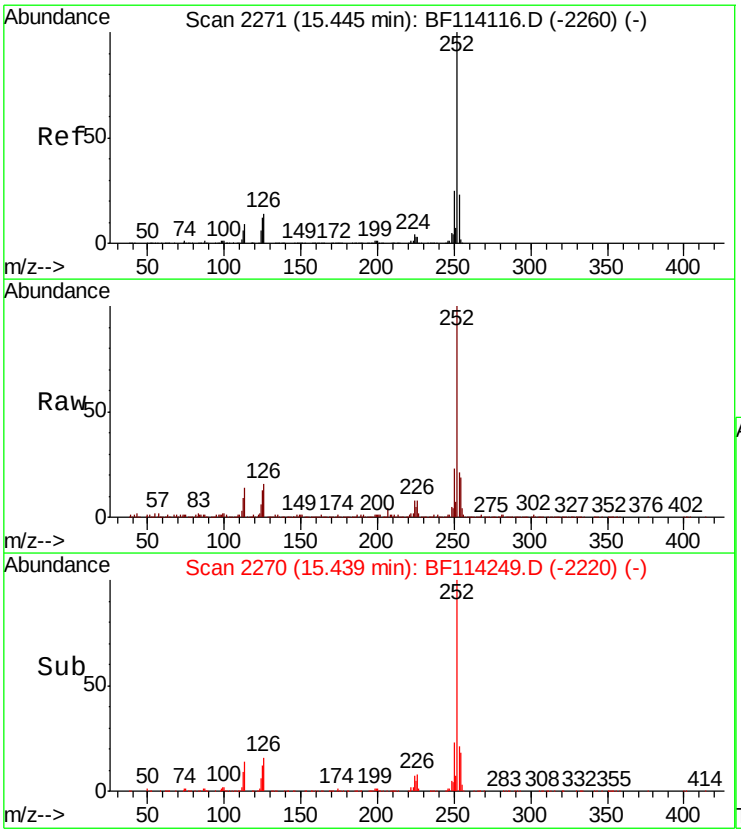
#89
Benzo(k)fluoranthene
Concen: 32.176 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:252 Resp: 1057058

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.5	8.6	13.0

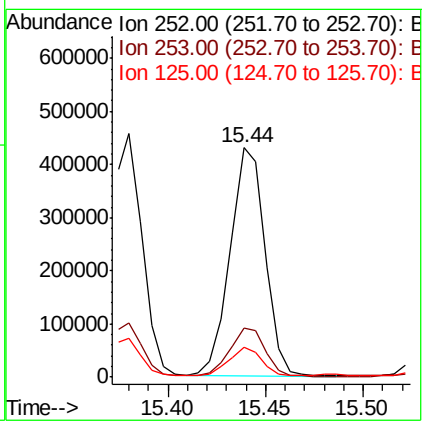


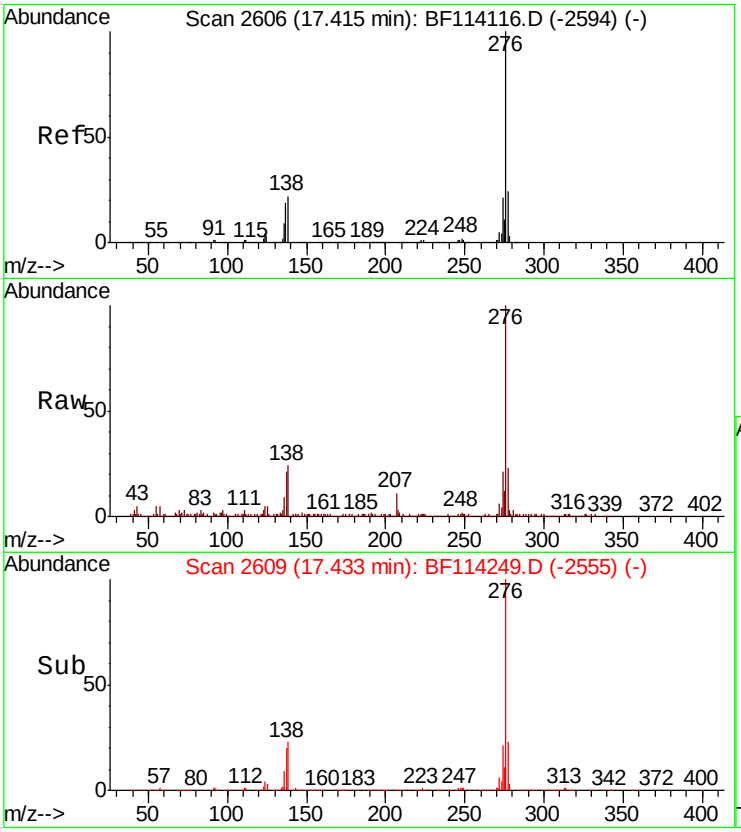


#90
Benzo(a)pyrene
Concen: 16.947 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Tgt Ion:252 Resp: 533401

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	13.0	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 12.497 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.02 min
Lab File: BF114249.D
Acq: 14 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01DL

Tgt Ion:276 Resp: 327551

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	23.9	17.8	26.6