Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114203.D
Acq On : 12 May 2019 19:58
Operator : JU/SJ
Sample : K2768-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS015-0002-01

Quant Time: May 13 07:48:24 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	6.85	152	283533	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1066132	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	478895	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	864916	20.00	ng		0.00
76) Chrysene-d12	14.02	240	548629	20.00	ng		0.00
87) Perylene-d12	15.49	264	630229	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1453809	82.51	ng		0.00
7) Phenol-d6	6.50	99	1914303	91.86	ng		0.00
23) Nitrobenzene-d5	7.42	82	1188865	62.58	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	414321	83.68	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1805043	57.02	ng		0.00
79) Terphenyl-d14	12.95	244	1367976	51.40	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	156030	11.813	ng	#	72
25) Isophorone	7.42	82	1184064	33.607	ng	#	64
31) Naphthalene	8.15	128	139407	2.799	ng		97
32) Benzoic acid	7.87	122	3408	7.297	ng		88
49) Acenaphthylene	9.75	152	362687	7.659	ng		97
50) Dimethylphthalate	9.60	163	273897	7.791	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	26097	2.740	ng	#	1
71) Phenanthrene	11.40	178	928782	22.072	ng		97
72) Anthracene	11.45	178	176191	4.169	ng		98
75) Fluoranthene	12.59	202	1419174	31.319	ng		98
78) Pyrene	12.82	202	2387054	54.086	ng		100
81) Benzo(a)anthracene	14.04	228	1223966	34.492	ng		96
83) Chrysene	14.04	228	1223966	35.186	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	593685	19.311	ng		96
88) Benzo(b)fluoranthene	15.07	252	1748866	43.314	ng	#	97
89) Benzo(k)fluoranthene	15.07	252	1748866	47.153	ng		97
90) Benzo(a)pyrene	15.43	252	889877	25.043	ng		99
91) Dibenzo(a,h)anthracene	16.76	278	102439	3.469	ng		98
92) Benzo(g,h,i)perylene	17.41	276	655080	22.138	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
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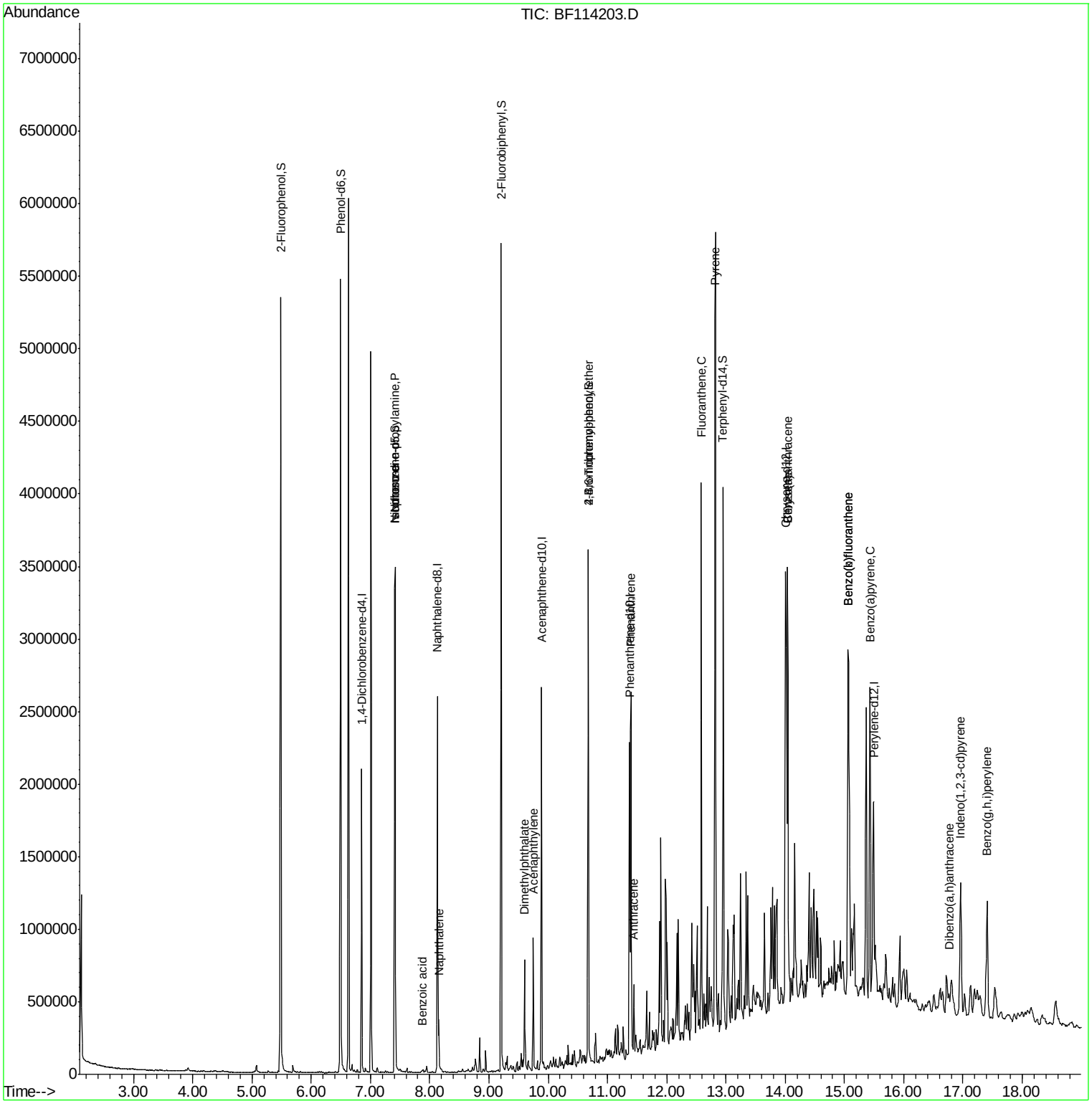
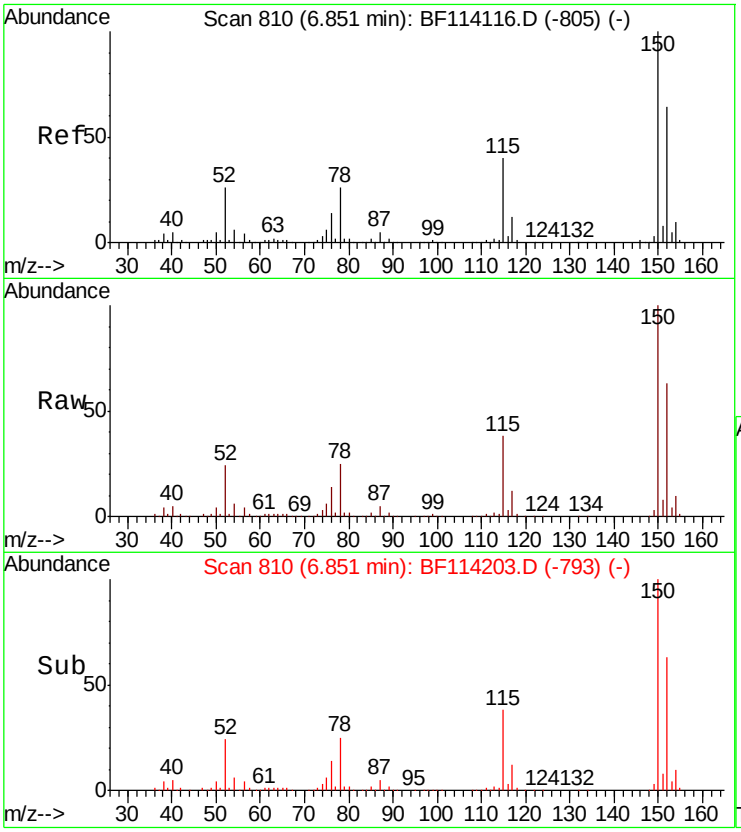


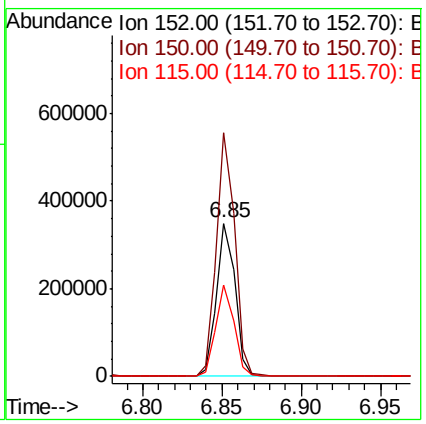


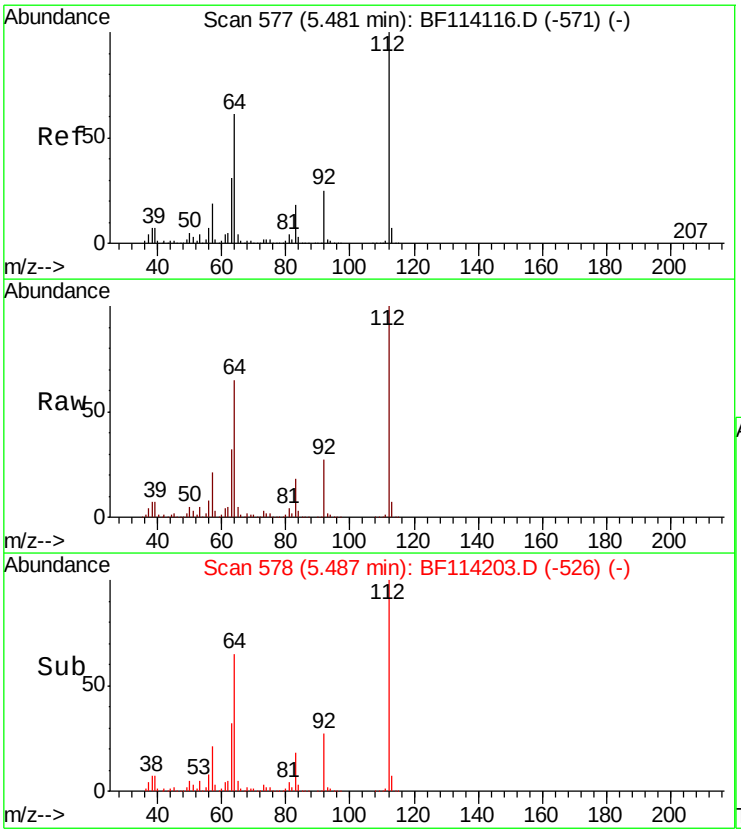
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:152 Resp: 283533

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.3	186.5
115	60.0	49.1	73.7

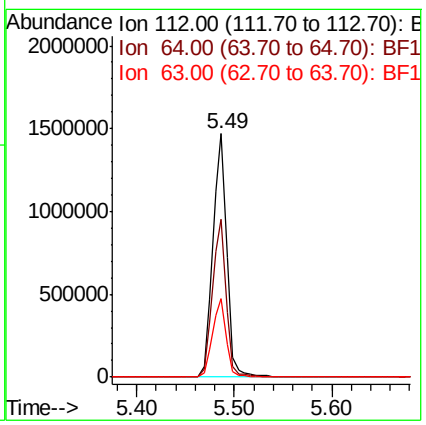


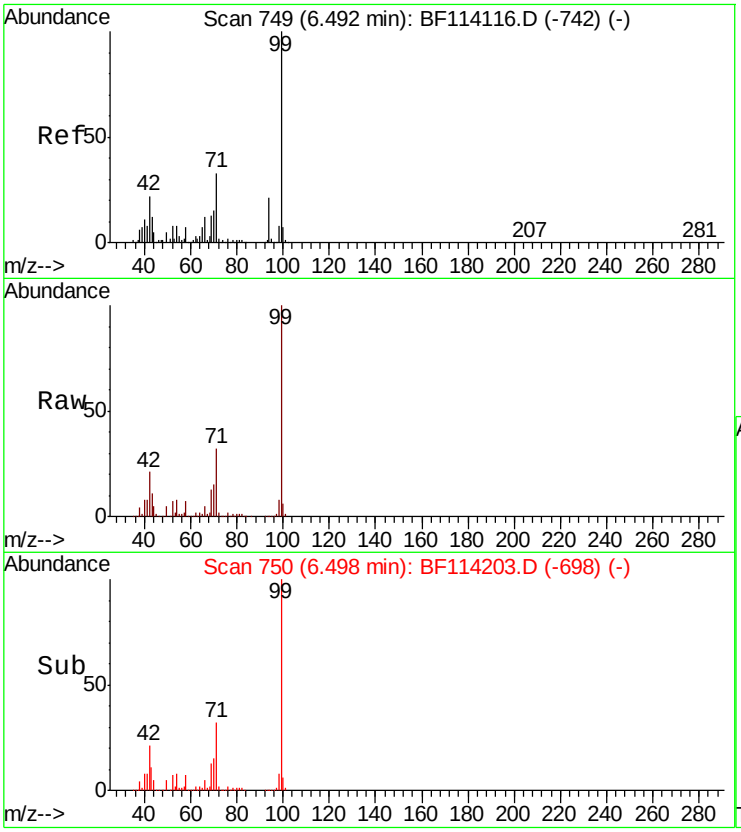


#5
2-Fluorophenol
Concen: 82.515 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:112 Resp: 1453809

Ion	Ratio	Lower	Upper
112	100		
64	64.7	49.0	73.6
63	32.2	24.6	37.0



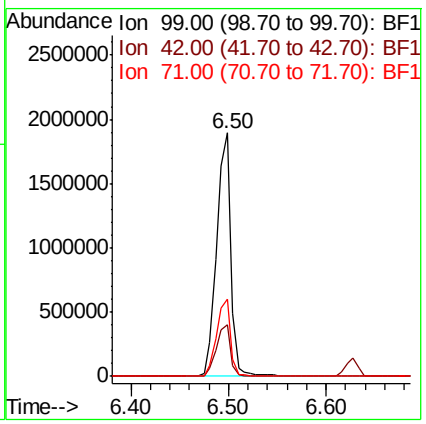


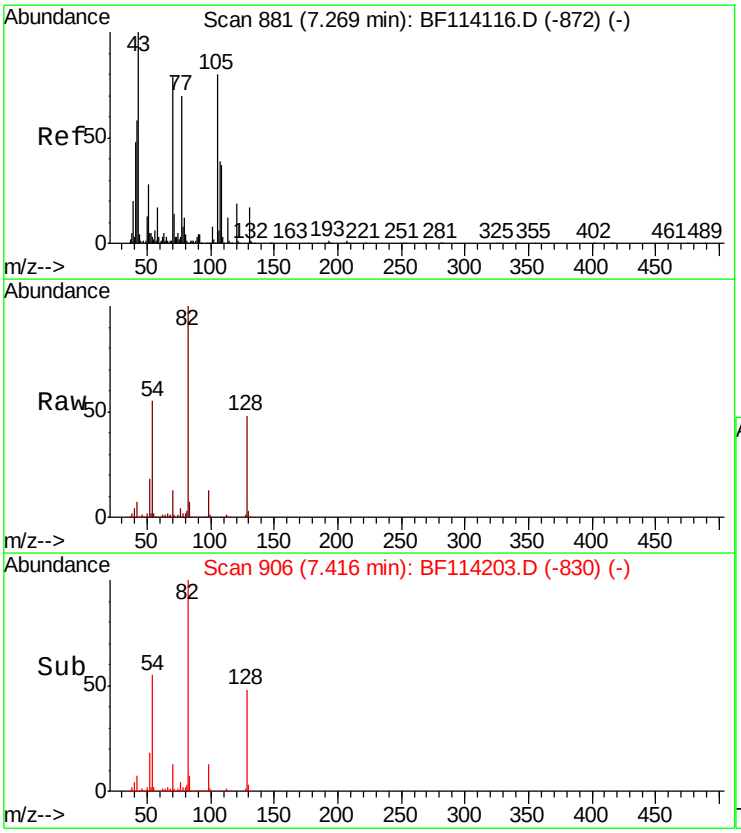
#7
Phenol-d6
Concen: 91.864 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion: 99 Resp: 1914303

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.9	26.9
71	32.0	26.2	39.2

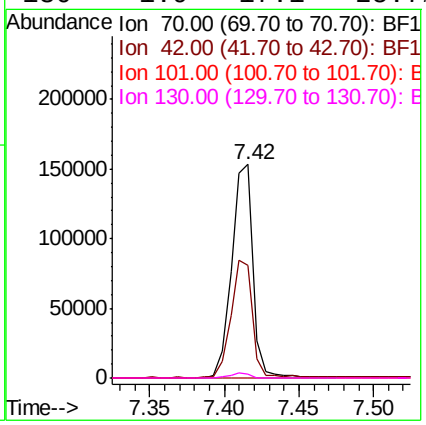


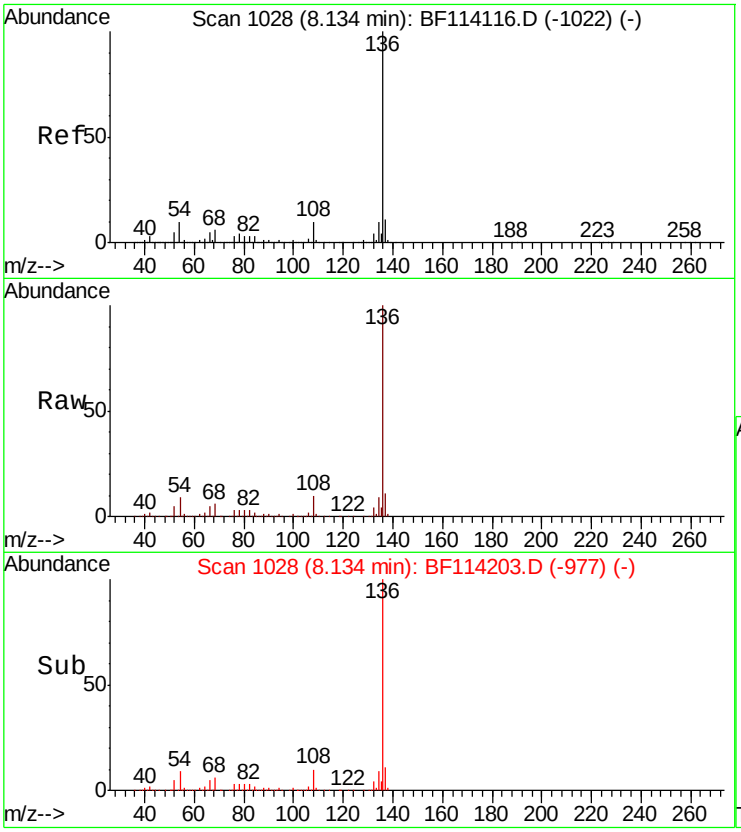


#19
n-Nitroso-di-n-propylamine
Concen: 11.813 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion: 70 Resp: 156030

Ion	Ratio	Lower	Upper
70	100		
42	52.7	58.6	87.8#
101	0.0	7.8	11.8#
130	1.9	17.1	25.7#



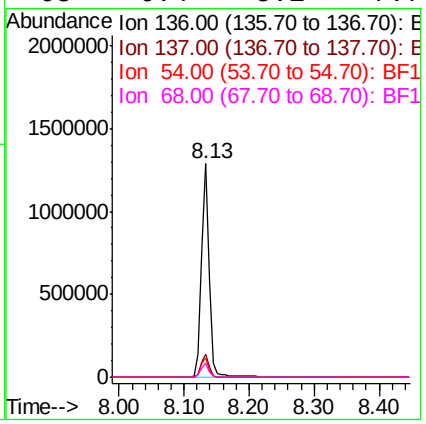


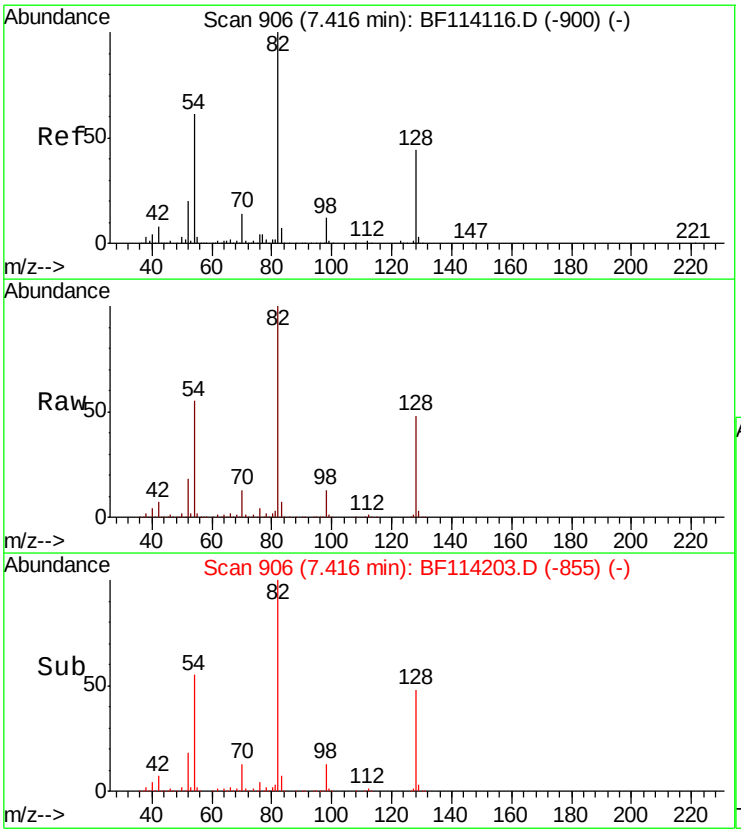
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:136 Resp: 1066132

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.2	7.8	11.8
68	6.4	5.1	7.7

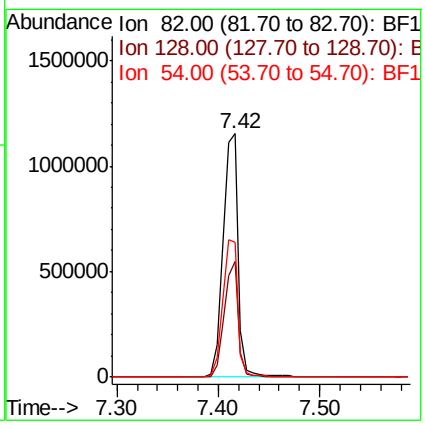


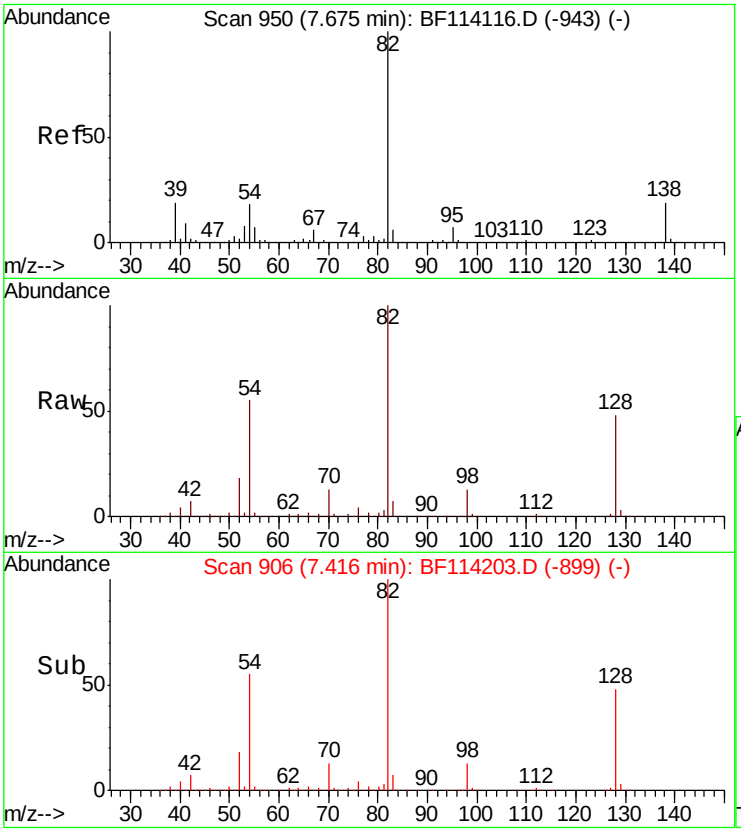


#23
Nitrobenzene-d5
Concen: 62.581 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion: 82 Resp: 1188865

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.5	53.3
54	55.4	48.5	72.7



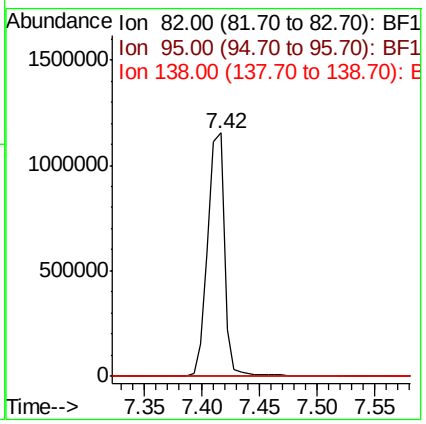


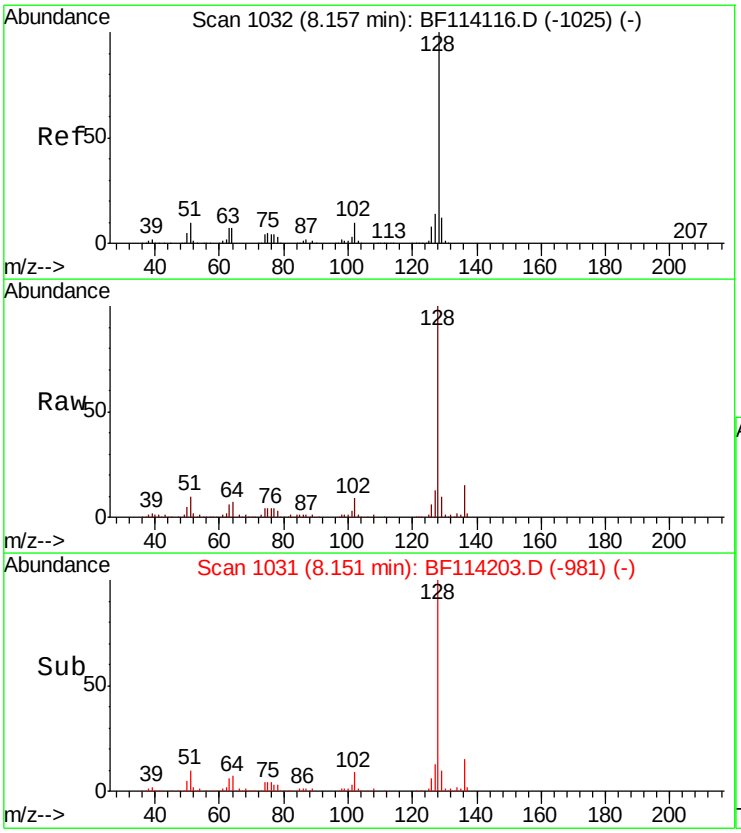
#25
Isophorone
Concen: 33.607 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion: 82 Resp: 1184064

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

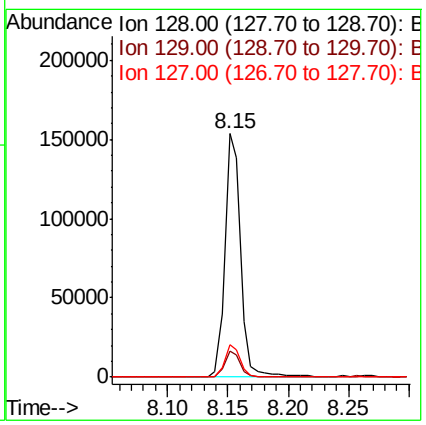


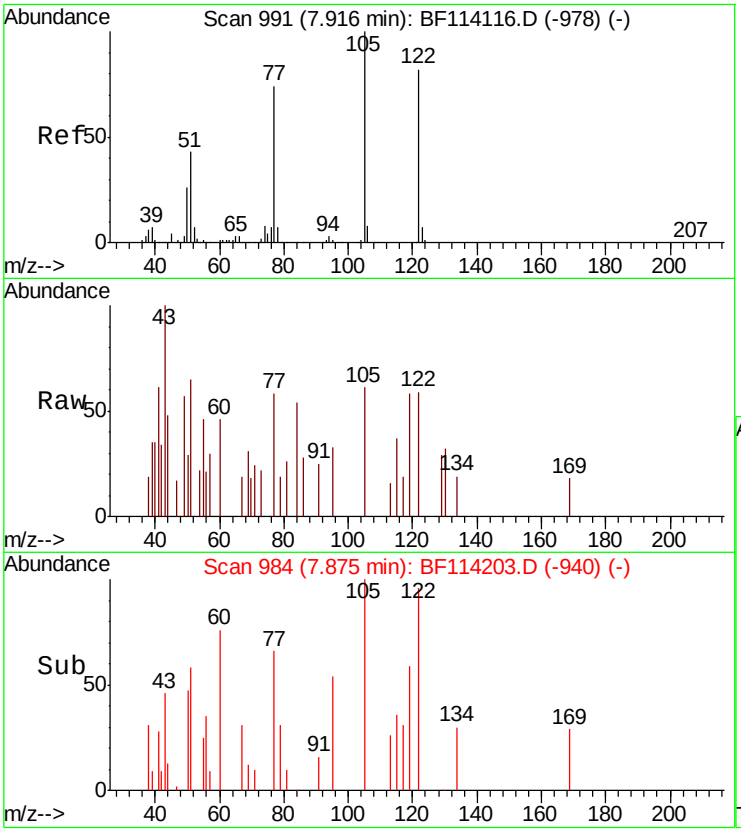


#31
Naphthalene
Concen: 2.799 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:128 Resp: 139407

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.6	14.4
127	13.2	11.3	16.9



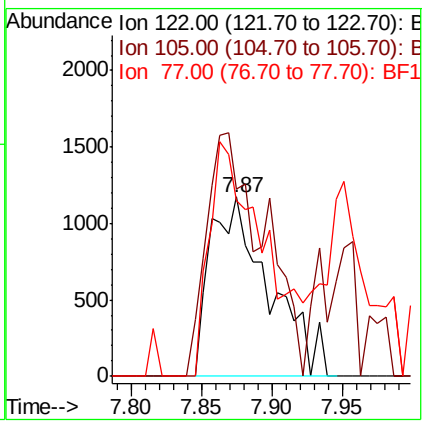


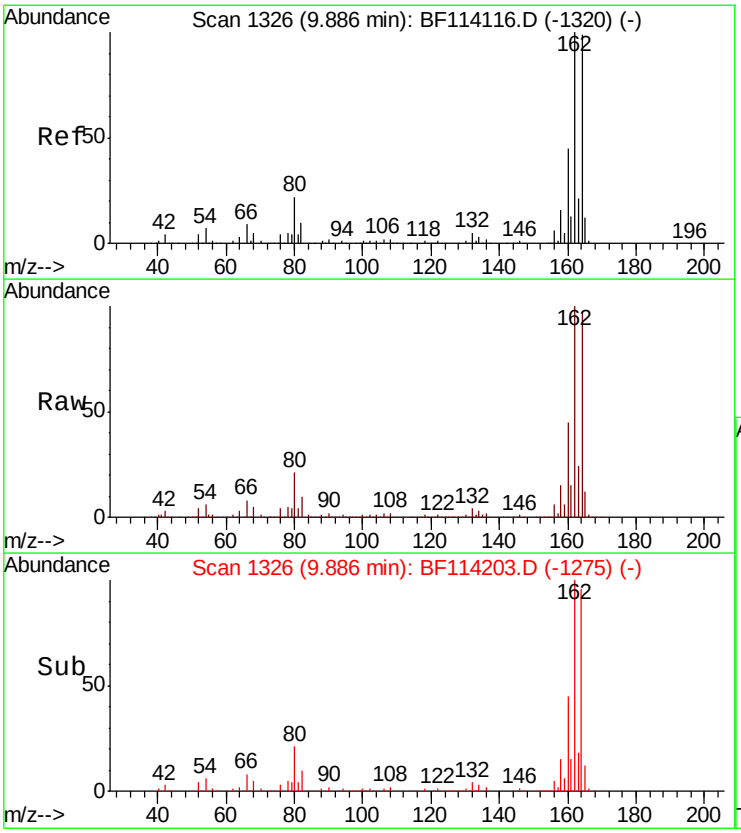
#32
Benzoic acid
Concen: 7.297 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.04 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:122 Resp: 3408

Ion	Ratio	Lower	Upper
122	100		
105	104.2	99.9	139.9
77	98.2	69.4	109.4

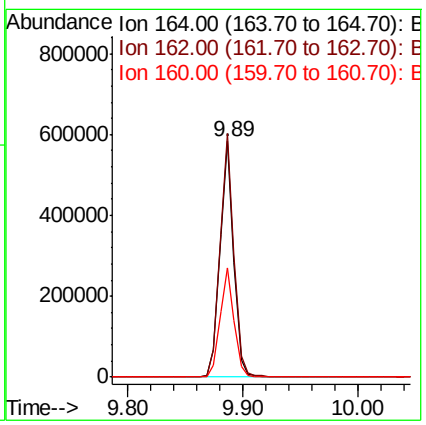


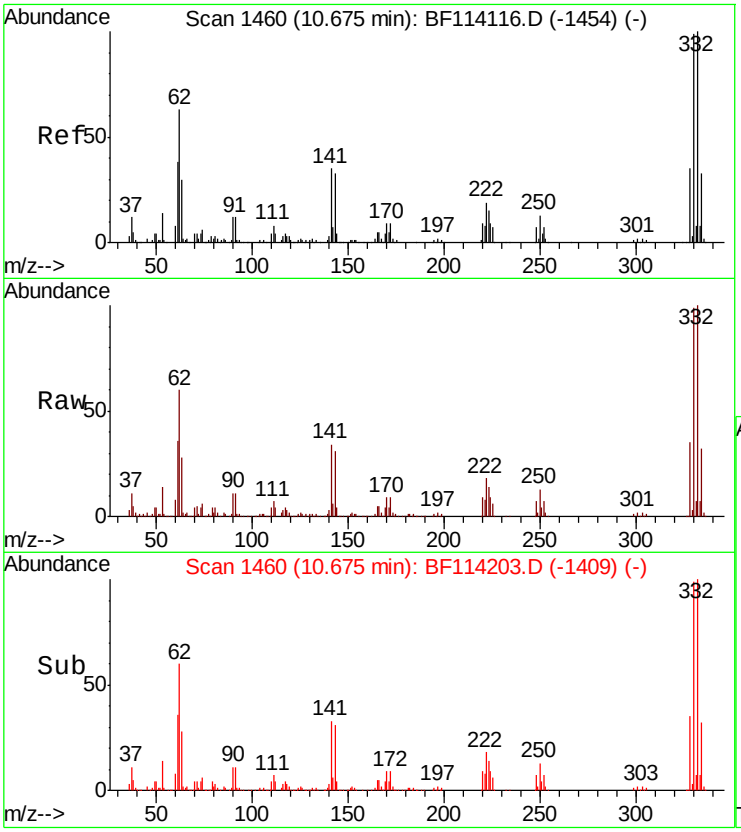


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:164 Resp: 478895

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.6	120.8
160	46.6	36.5	54.7



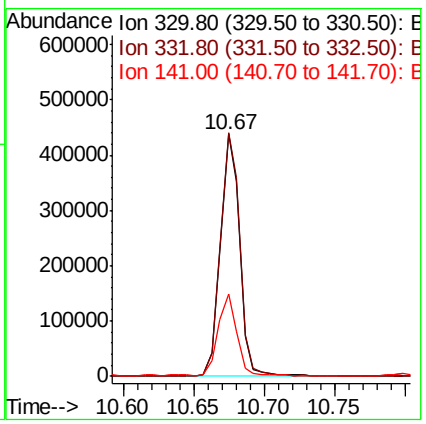


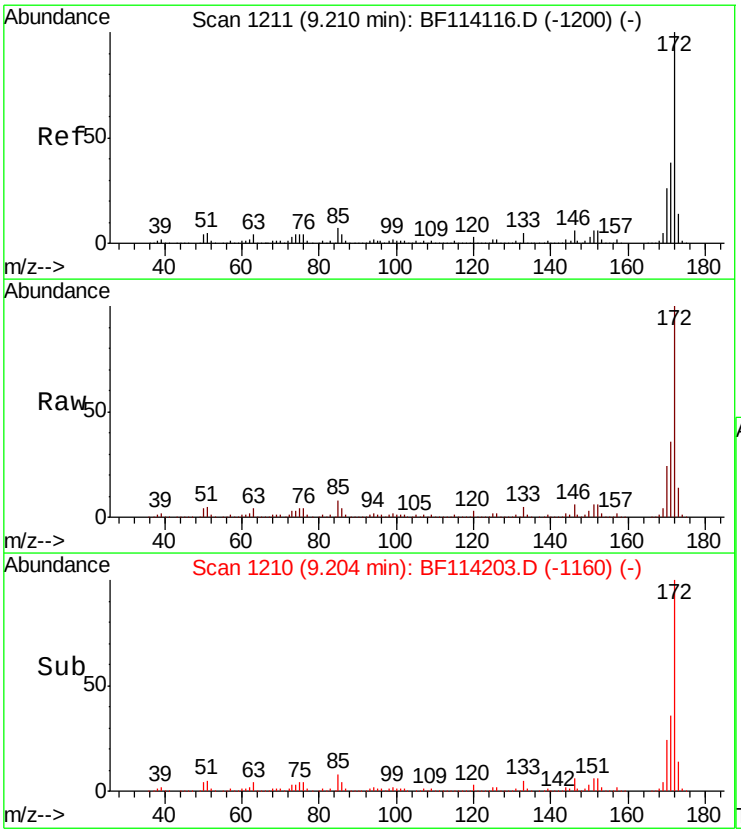
#42
2,4,6-Tribromophenol
Concen: 83.685 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:330 Resp: 414321

Ion	Ratio	Lower	Upper
330	100		
332	101.9	81.4	122.2
141	33.1	26.6	40.0

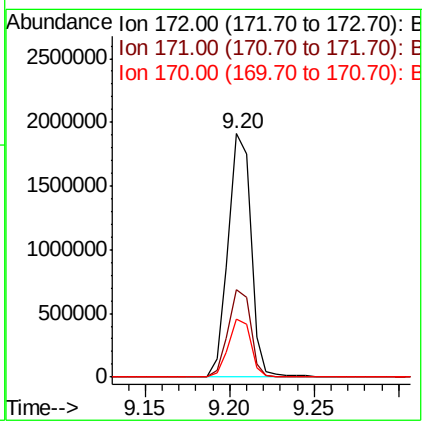


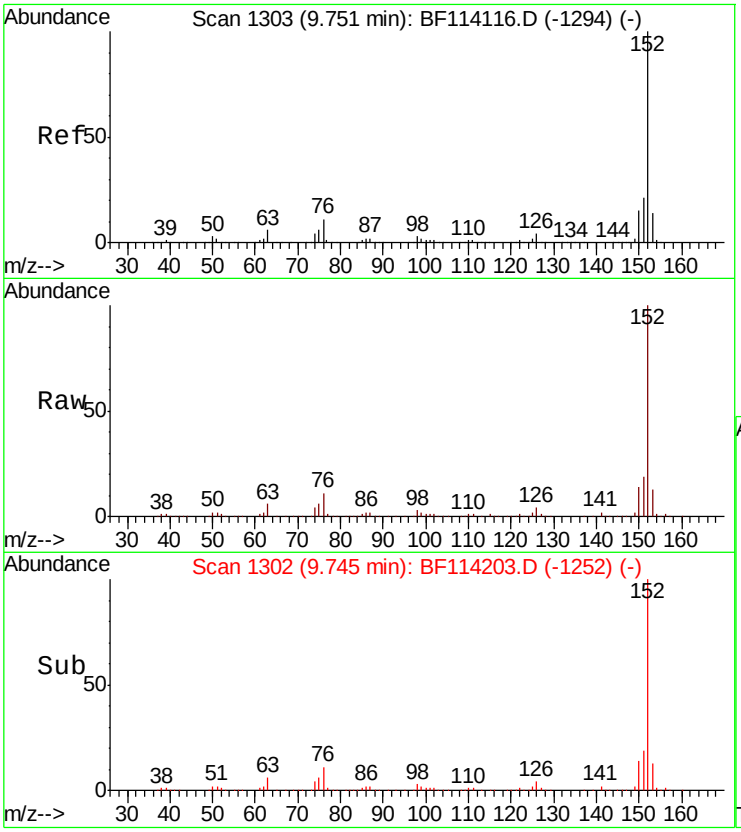


#45
2-Fluorobiphenyl
Concen: 57.015 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:172 Resp: 1805043

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.7	46.1
170	23.9	20.5	30.7



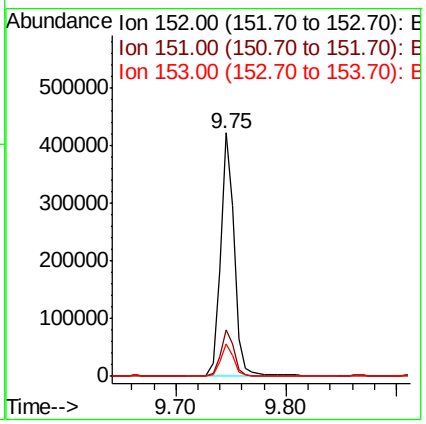


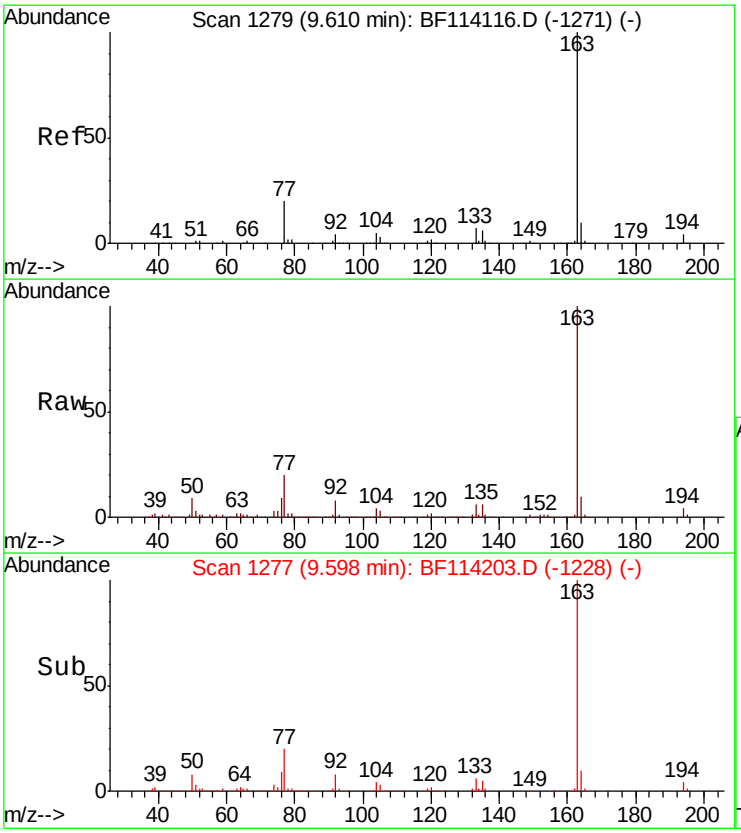
#49
Acenaphthylene
Concen: 7.659 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:152 Resp: 362687

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.8	25.2
153	13.1	11.4	17.2

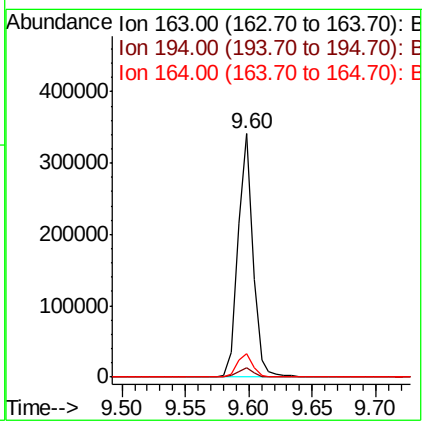


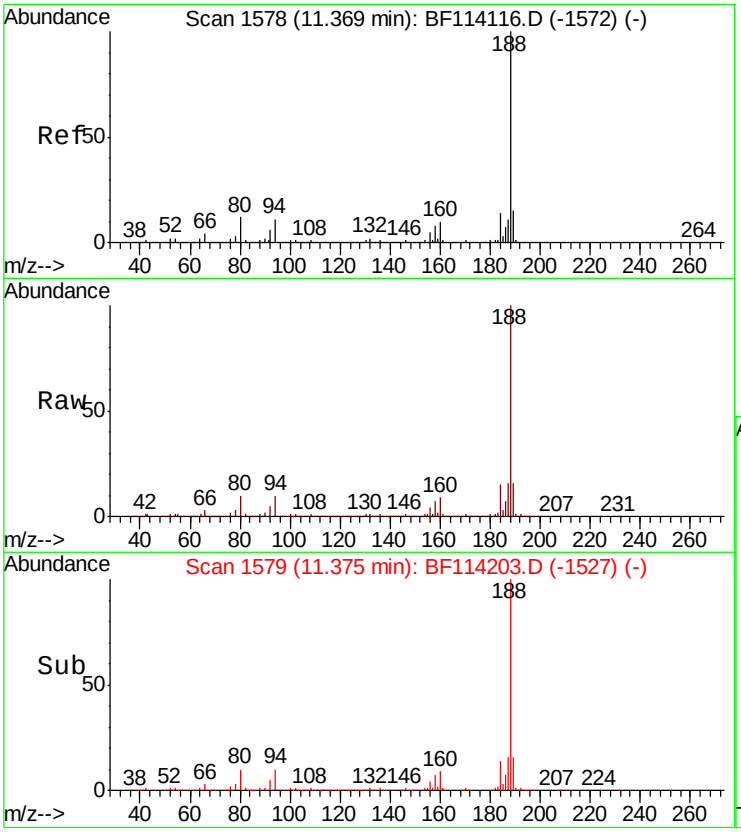


#50
Dimethylphthalate
Concen: 7.791 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:163 Resp: 273897

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.6	8.2	12.2



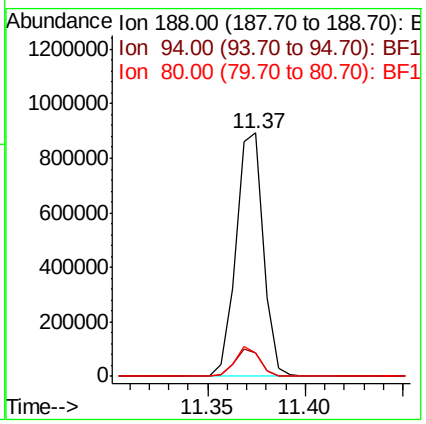


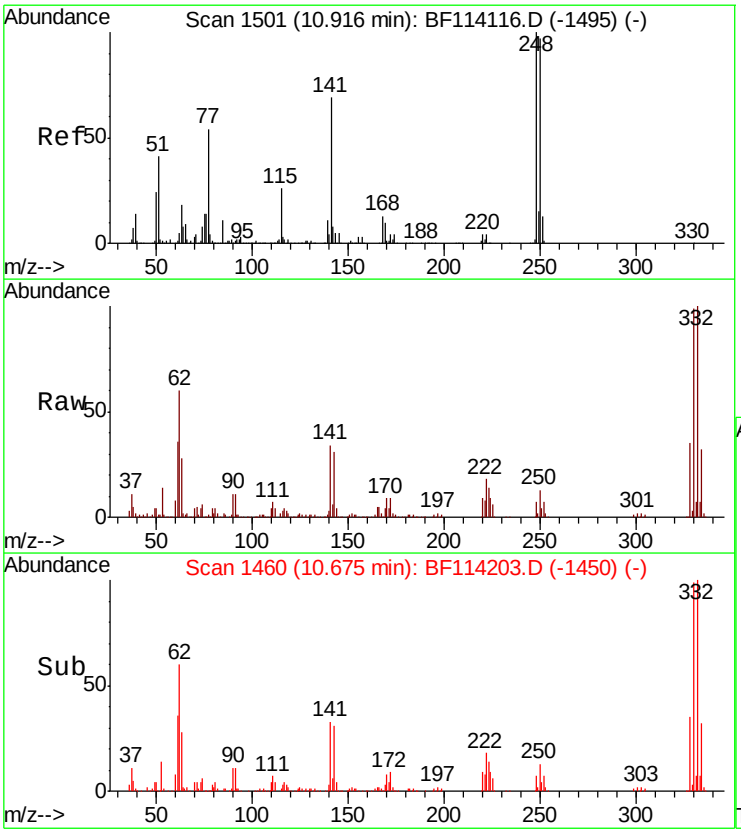
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:188 Resp: 864916

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.4	12.6
80	9.7	9.2	13.8

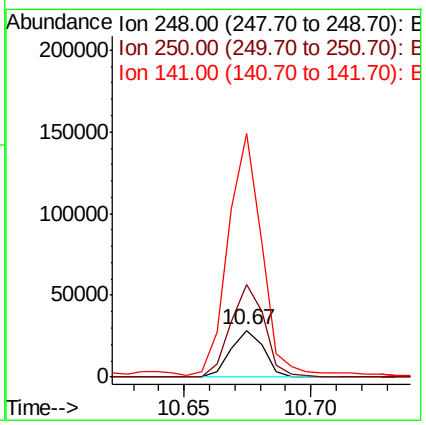


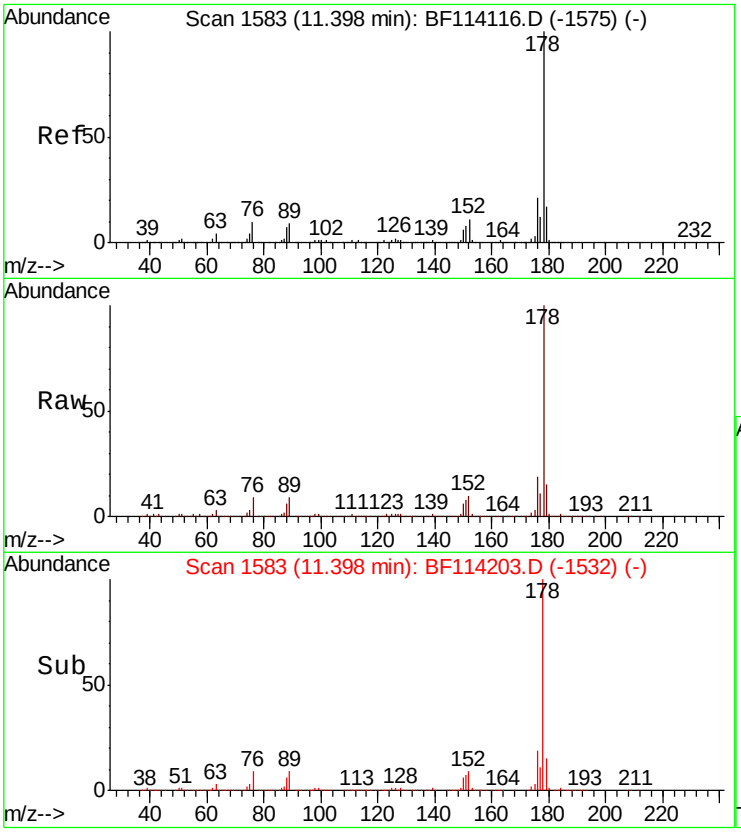


#67
4-Bromophenyl-phenylether
Concen: 2.740 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:248 Resp: 26097

Ion	Ratio	Lower	Upper
248	100		
250	196.7	77.4	116.2#
141	520.1	55.6	83.4#



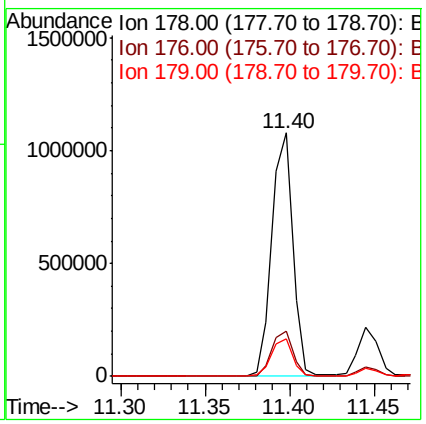


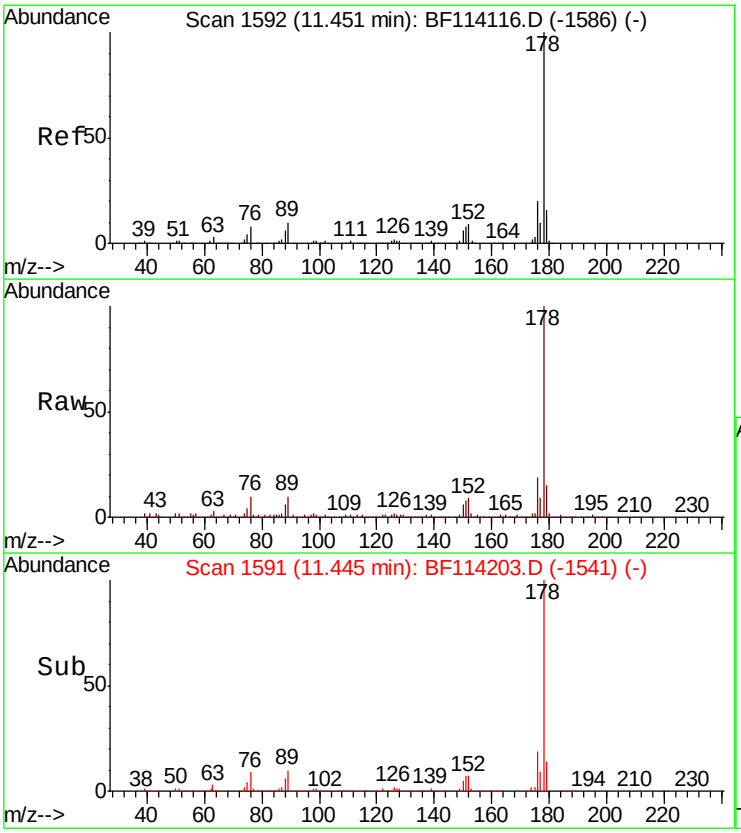
#71
Phenanthrene
Concen: 22.072 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:178 Resp: 928782

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.4	24.6
179	15.3	13.2	19.8

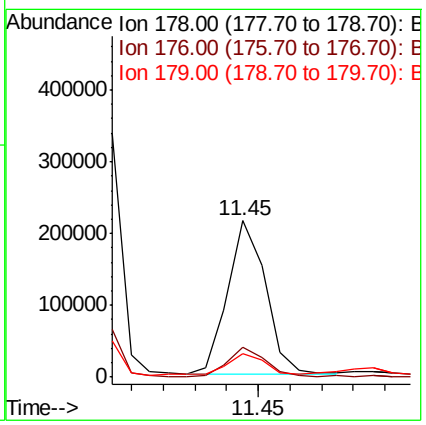


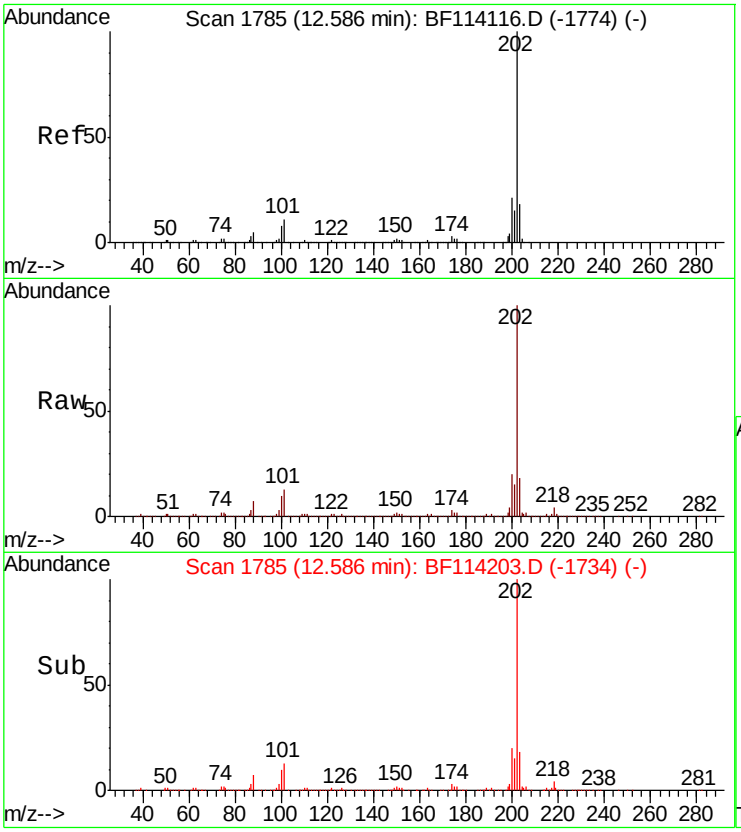


#72
Anthracene
Concen: 4.169 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:178 Resp: 176191

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.3	13.0	19.4



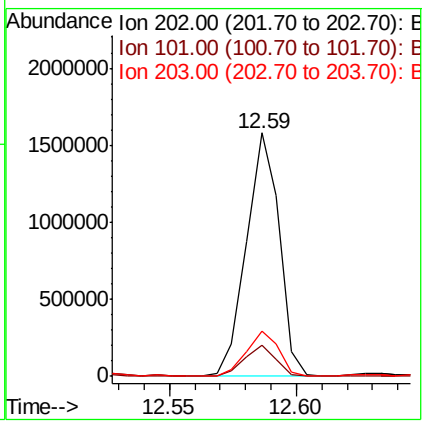


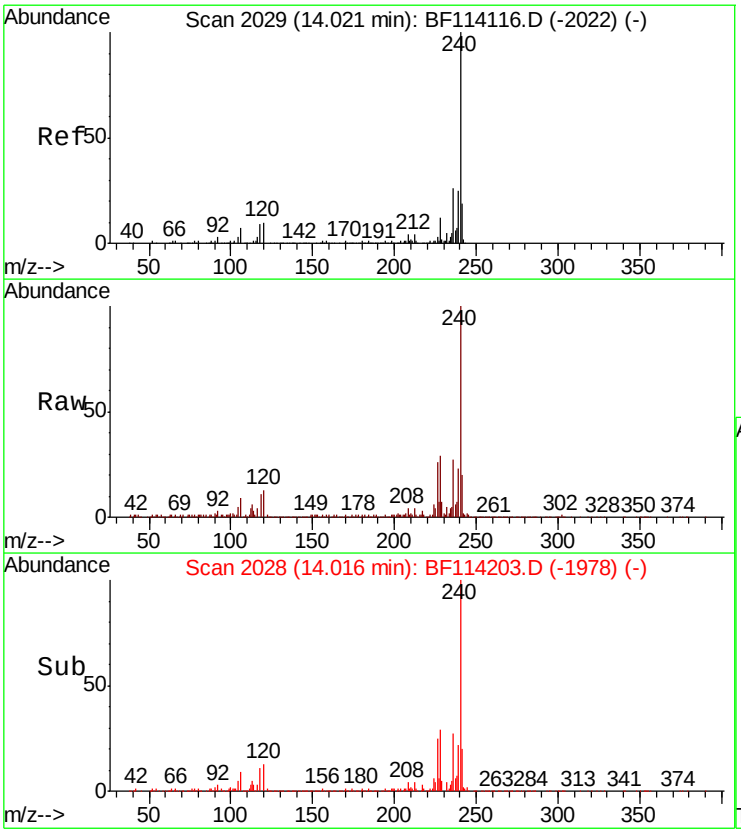
#75
Fluoranthene
Concen: 31.319 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:202 Resp: 1419174

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.0
203	18.4	0.0	38.4

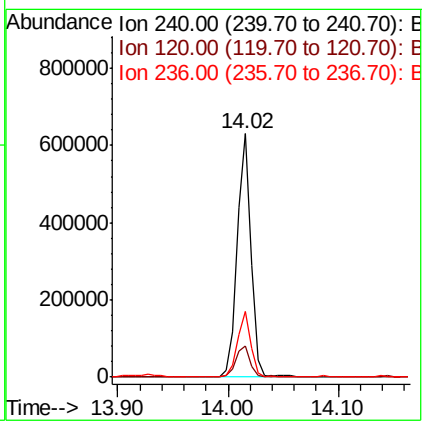


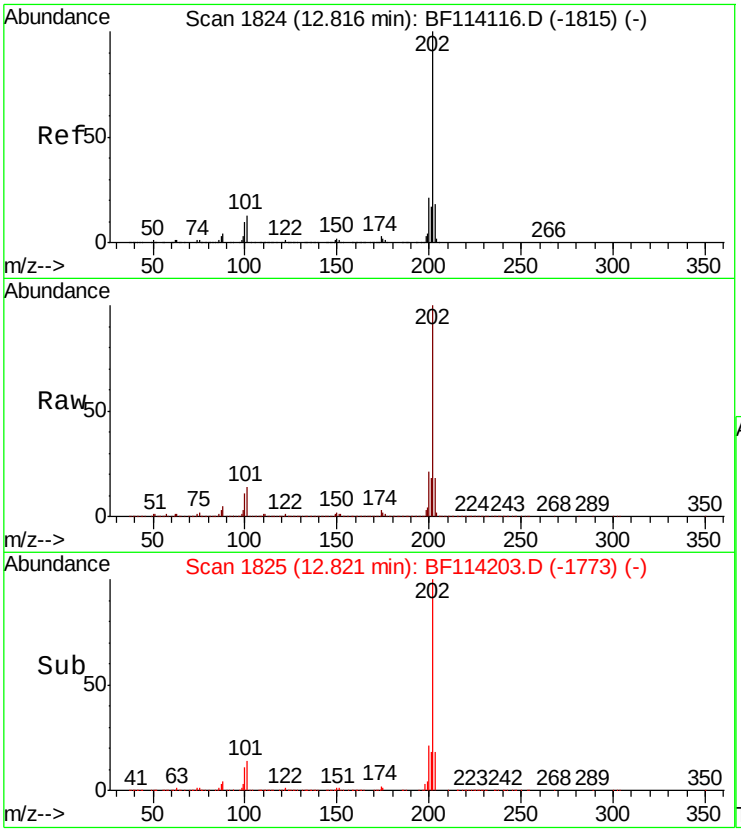


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:240 Resp: 548629

Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	26.9	20.8	31.2



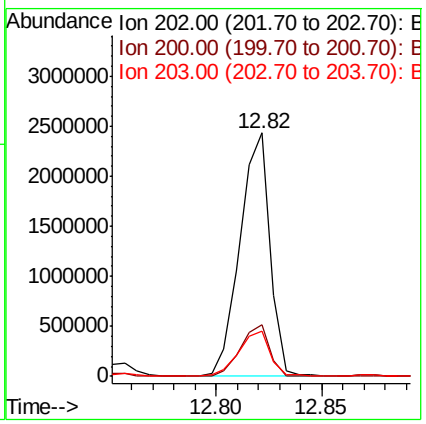


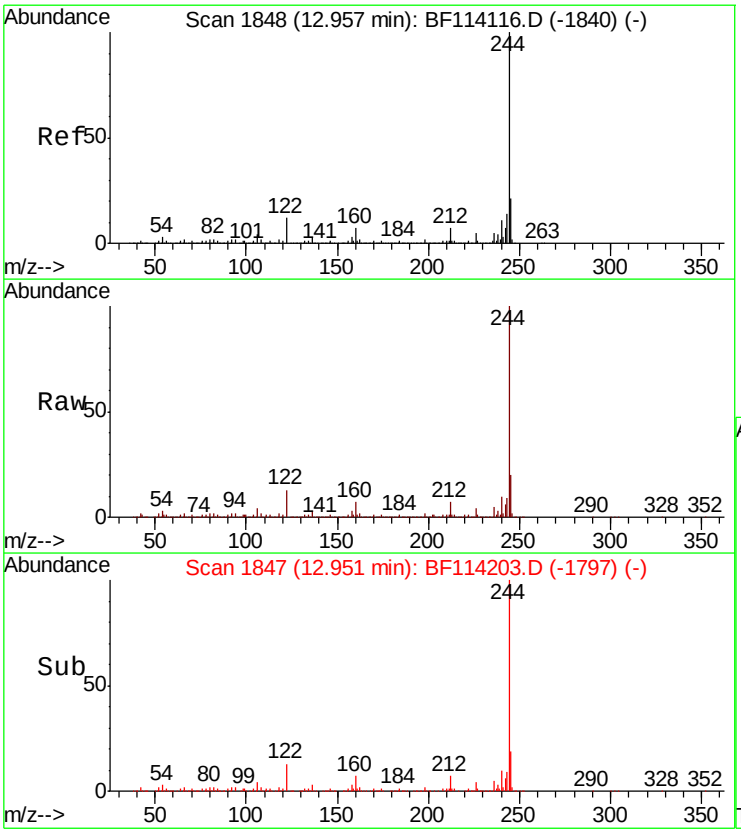
#78
Pyrene
Concen: 54.086 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:202 Resp: 2387054

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.4	14.5	21.7

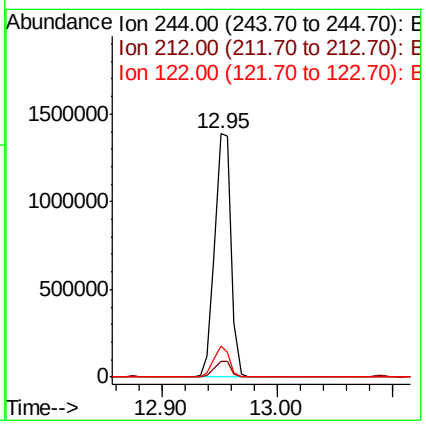


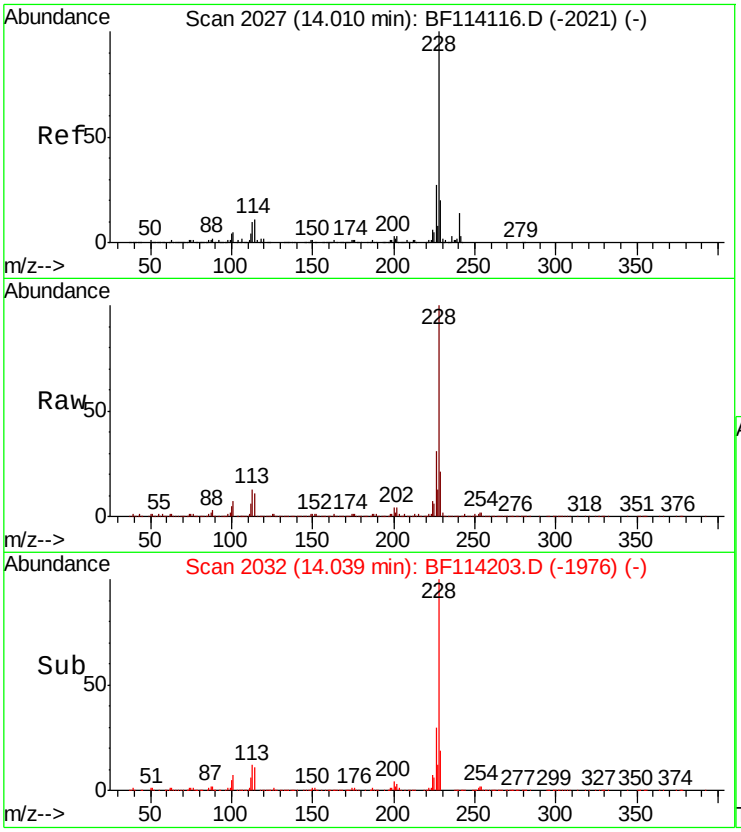


#79
Terphenyl-d14
Concen: 51.401 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:244 Resp: 1367976

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.8	9.4	14.2



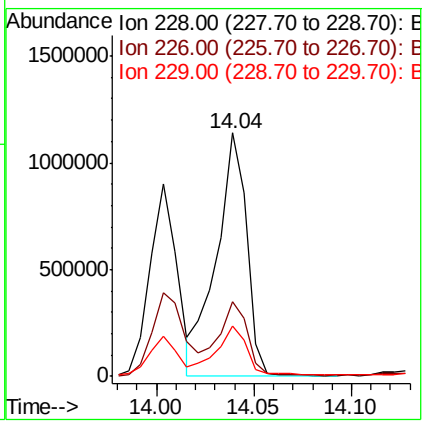


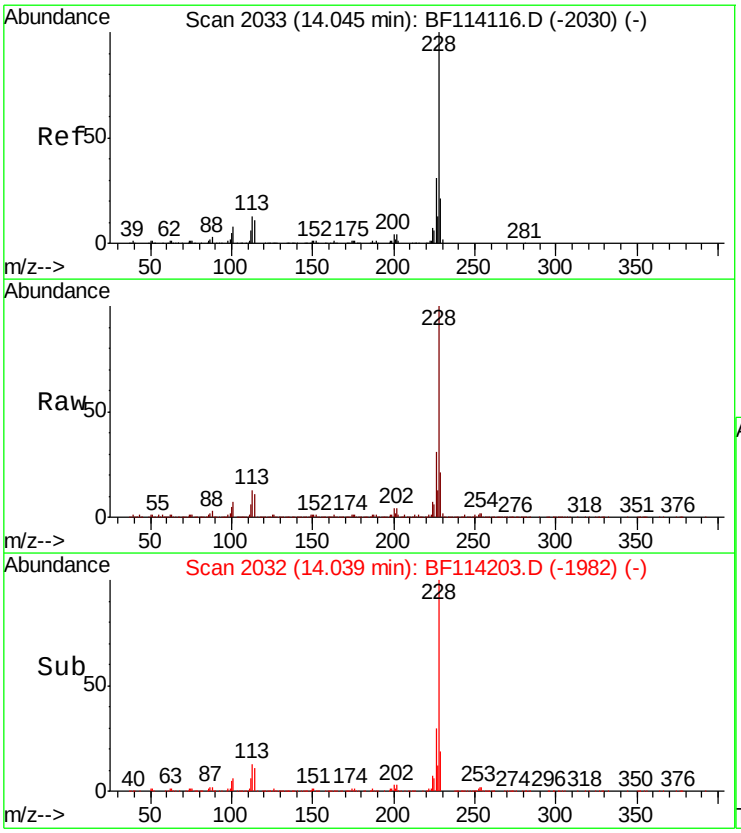
#81
Benzo(a)anthracene
Concen: 34.492 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:228 Resp: 1223966

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.2	33.2
229	20.8	16.4	24.6

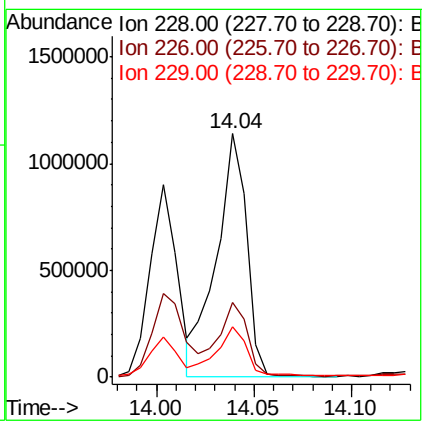


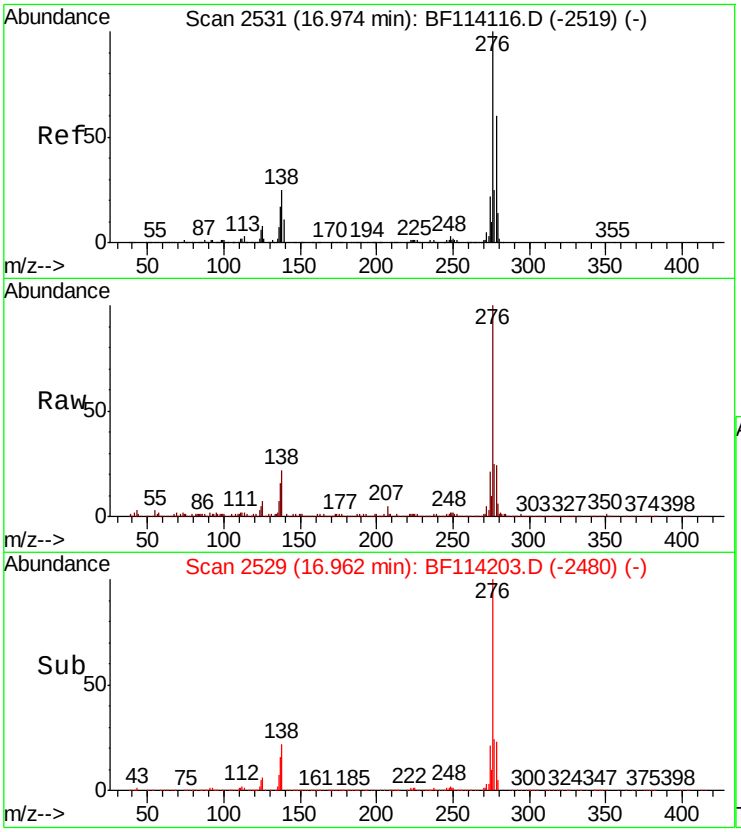


#83
Chrysene
Concen: 35.186 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:228 Resp: 1223966

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.8	17.0	25.6



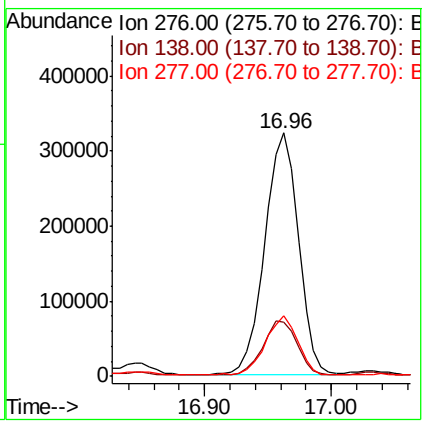


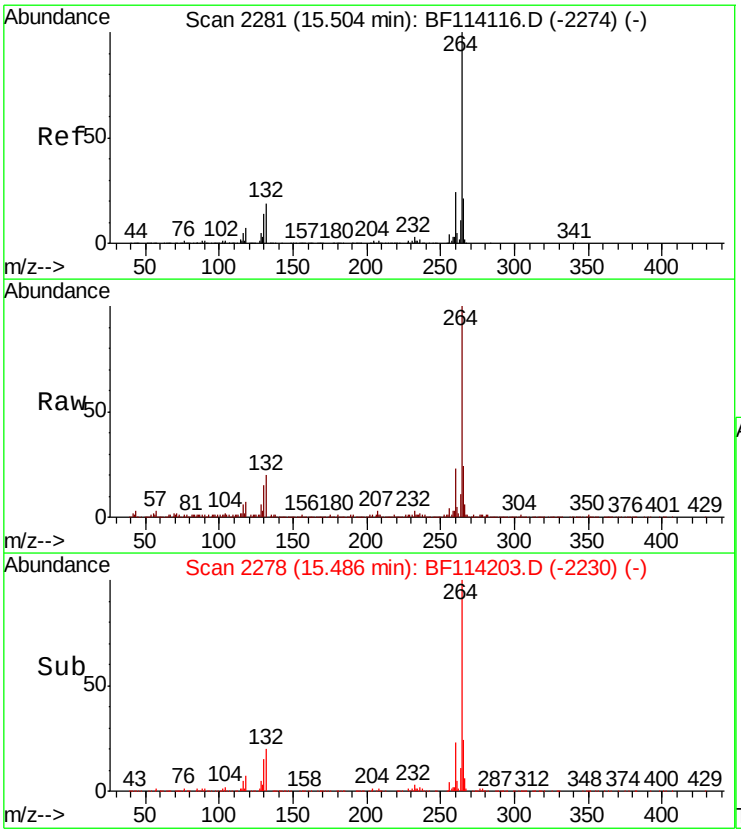
#86
Indeno(1,2,3-cd)pyrene
Concen: 19.311 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:276 Resp: 593685

Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.2	30.2
277	23.8	20.0	30.0

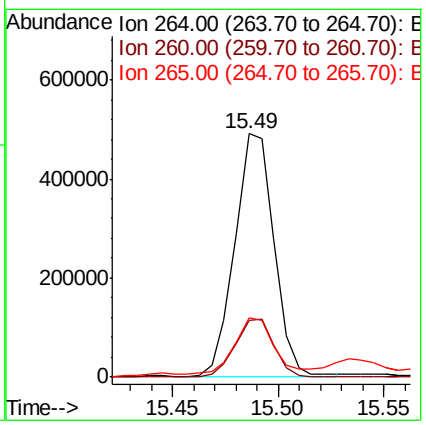


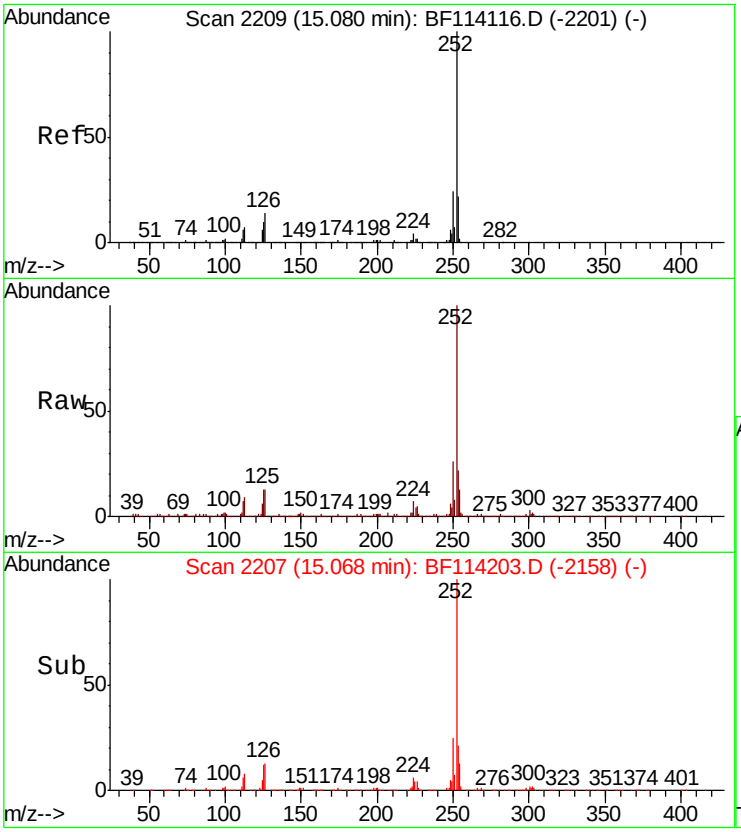


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:264 Resp: 630229

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	24.1	16.9	25.3



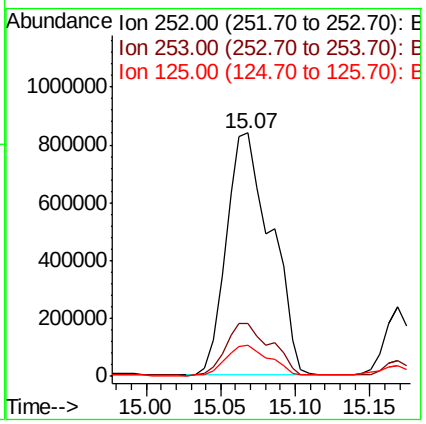


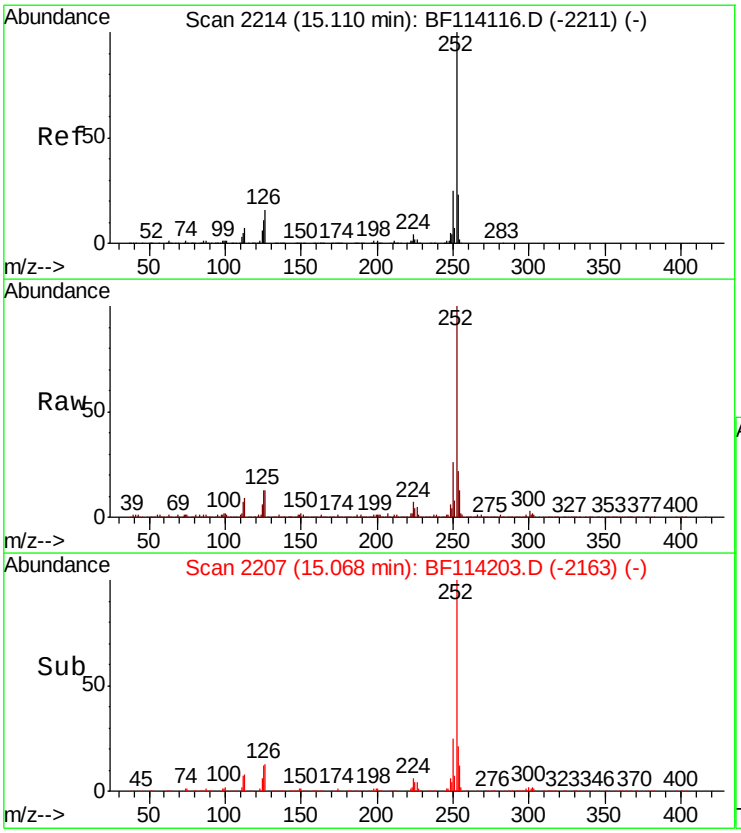
#88
Benzo(b)fluoranthene
Concen: 43.314 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:252 Resp: 1748866

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	12.6	8.3	12.5#

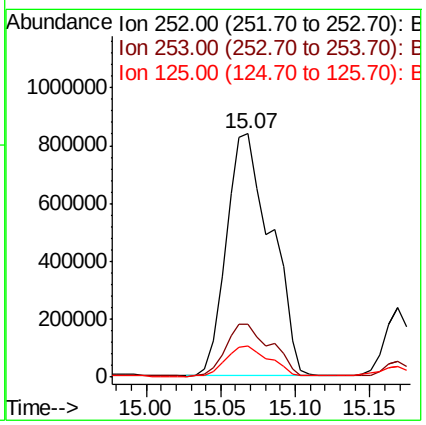


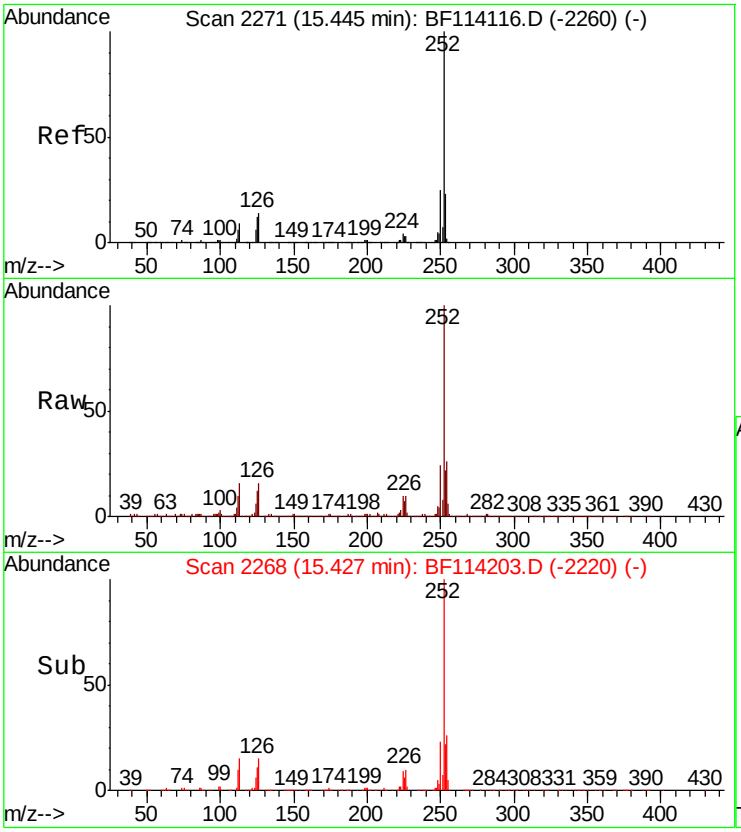


#89
Benzo(k)fluoranthene
Concen: 47.153 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:252 Resp: 1748866

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	12.6	8.6	13.0



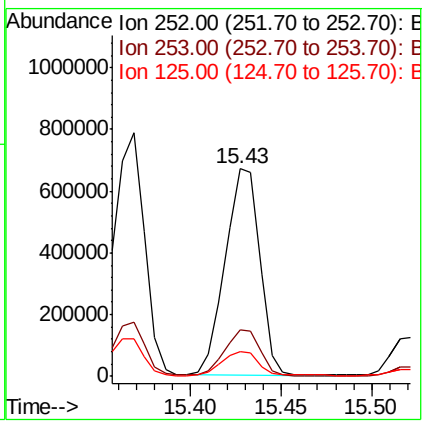


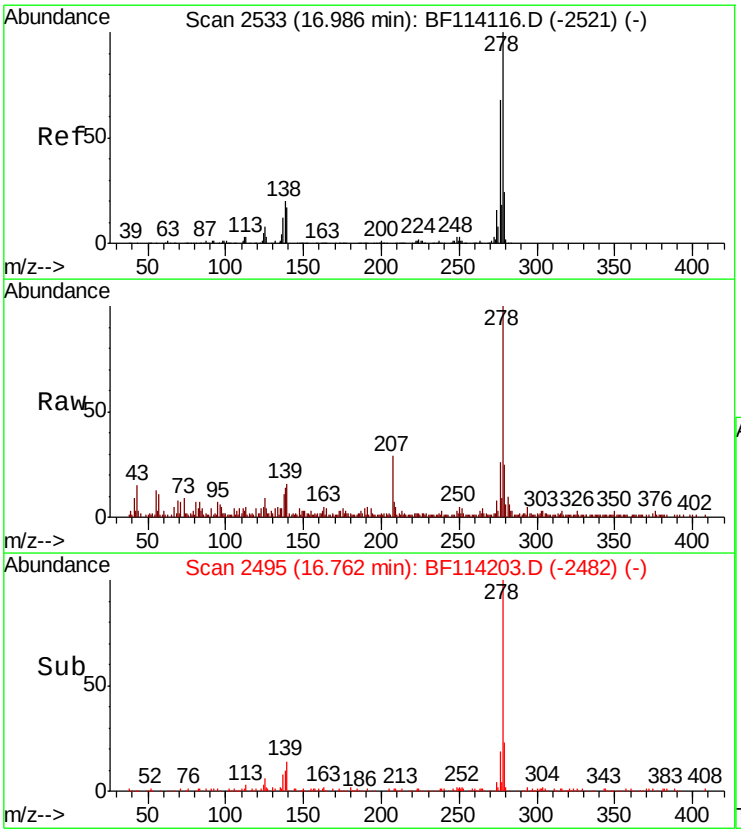
#90
Benzo(a)pyrene
Concen: 25.043 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:252 Resp: 889877

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.1	9.5	14.3

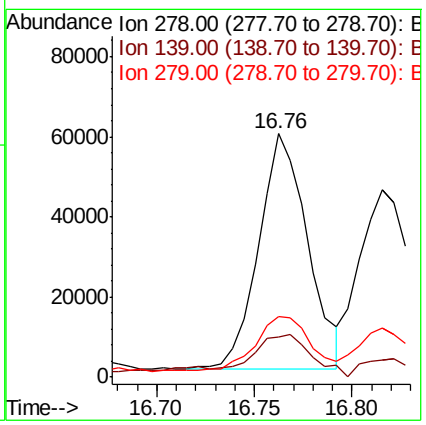


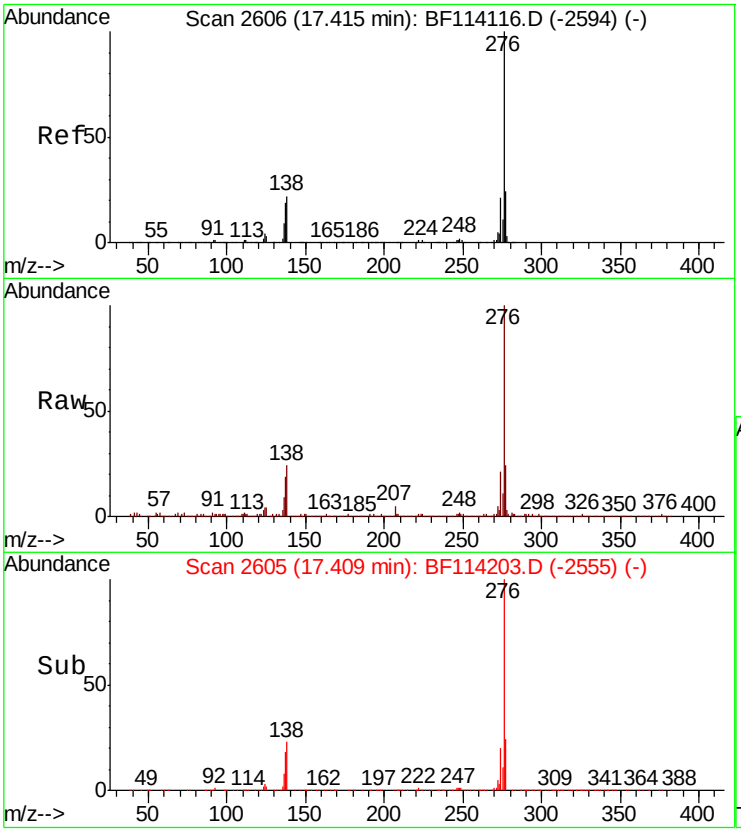


#91
Dibenzo(a,h)anthracene
Concen: 3.469 ng
RT: 16.76 min Scan# 2495
Delta R.T. -0.22 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Tgt Ion:278 Resp: 102439

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.5	20.3
279	25.0	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 22.138 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF114203.D
Acq: 12 May 2019 19:58

Instrument :
BNA_F
ClientSampleId :
P026-SS015-0002-01

Tgt Ion:276 Resp: 655080

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	24.2	17.8	26.6