Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114202.D
Acq On : 12 May 2019 19:32
Operator : JU/SJ
Sample : K2768-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0002-01

Quant Time: May 13 07:48:10 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	254038	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	942415	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	430968	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	799836	20.00	ng	0.00
76) Chrysene-d12	14.02	240	517160	20.00	ng	0.00
87) Perylene-d12	15.49	264	592470	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1607028	101.80	ng	0.00
7) Phenol-d6	6.50	99	2144464	114.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	1352896	80.56	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	460383	103.33	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1825270	64.07	ng	0.00
79) Terphenyl-d14	12.95	244	1448391	57.73	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	178136	15.052	ng	# 74
25) Isophorone	7.42	82	1350499	43.363	ng	# 64
32) Benzoic acid	7.87	122	235	7.042	ng	# 58
49) Acenaphthylene	9.75	152	232389	5.453	ng	97
50) Dimethylphthalate	9.60	163	414144	13.090	ng	100
57) 2,4-Dinitrotoluene	9.89	165	56444	5.926	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	30184	3.427	ng	# 1
71) Phenanthrene	11.39	178	514517	13.222	ng	97
72) Anthracene	11.45	178	98778	2.527	ng	96
75) Fluoranthene	12.59	202	983889	23.479	ng	98
78) Pyrene	12.82	202	1670636	40.157	ng	99
81) Benzo(a)anthracene	14.04	228	900038	26.907	ng	96
83) Chrysene	14.04	228	900038	27.448	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	419707	14.483	ng	98
88) Benzo(b)fluoranthene	15.06	252	1240088	32.671	ng	98
89) Benzo(k)fluoranthene	15.06	252	1240088	35.566	ng	98
90) Benzo(a)pyrene	15.43	252	721467	21.597	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	68695	2.475	ng	95
92) Benzo(g,h,i)perylene	17.40	276	466830	16.782	ng	99

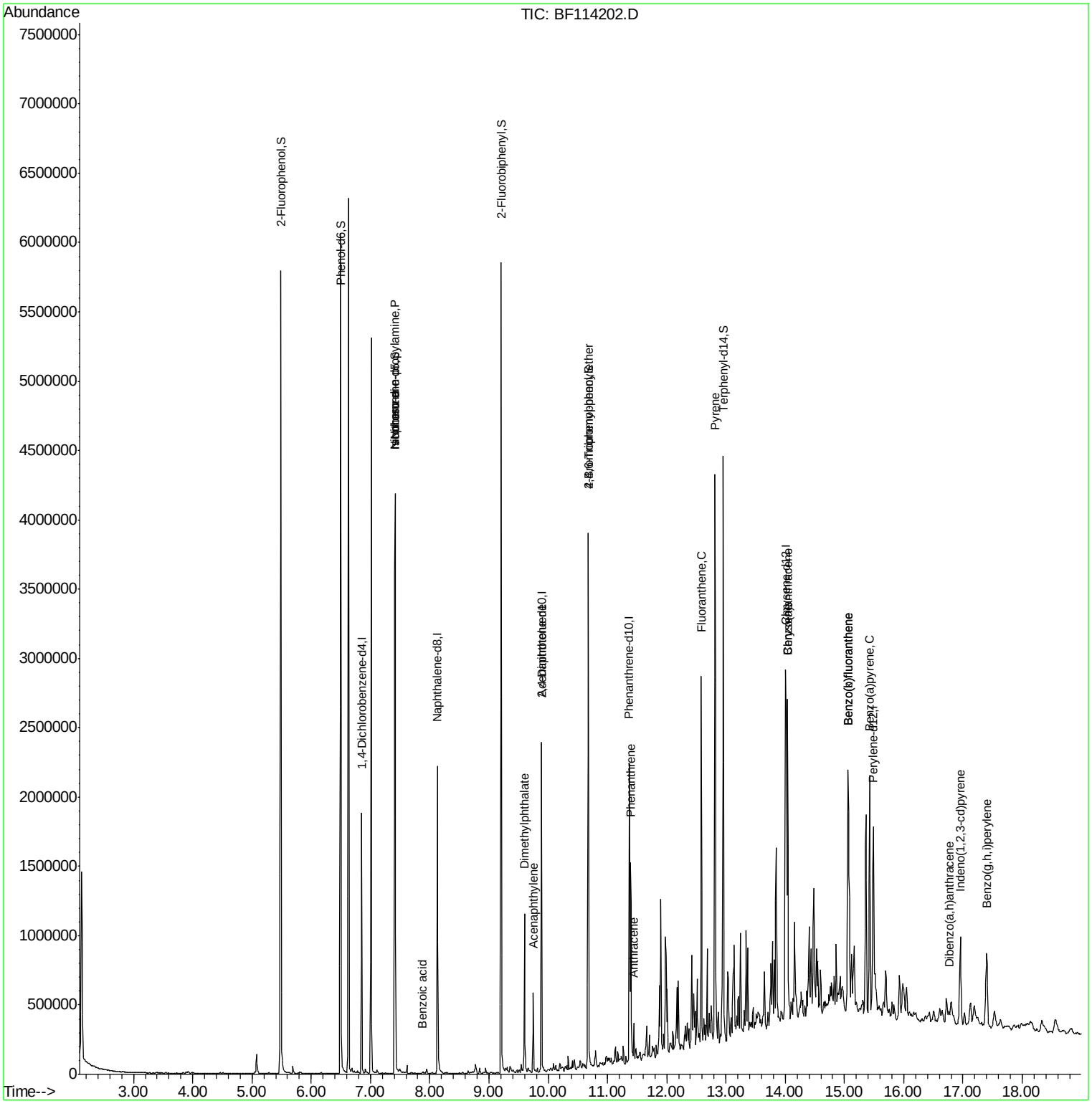
(#) = qualifier out of range (m) = manual integration (+) = signals summed

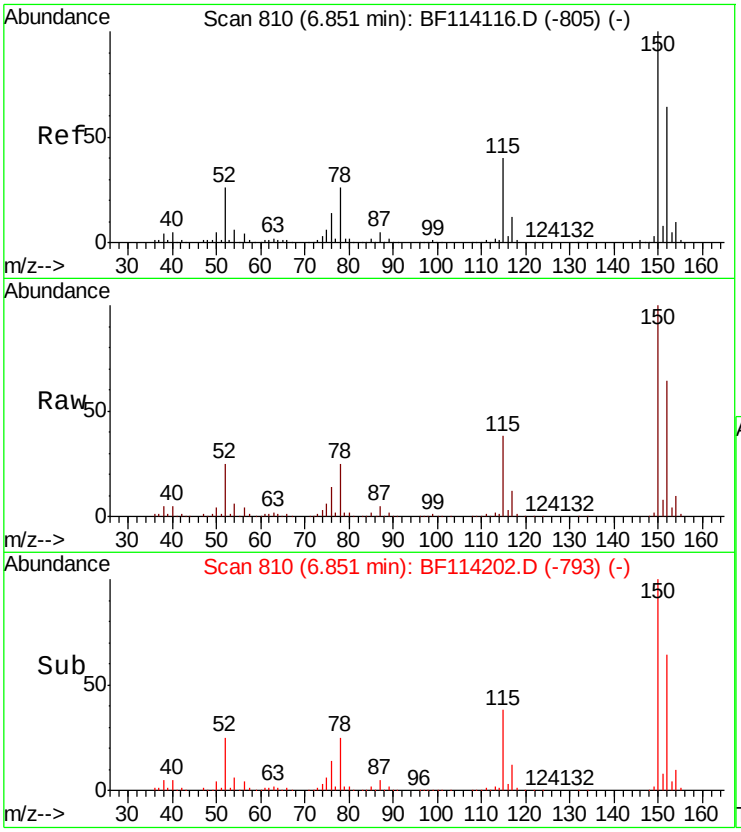
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114202.D
Acq On : 12 May 2019 19:32
Operator : JU/SJ
Sample : K2768-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Quant Time: May 13 07:48:10 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



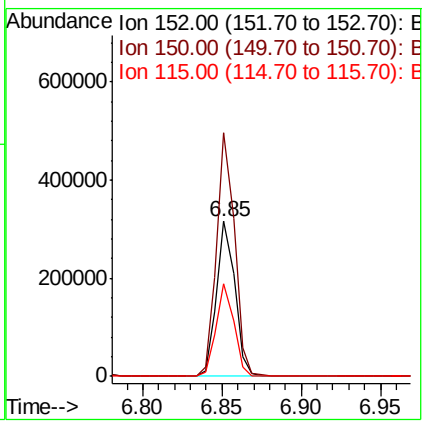


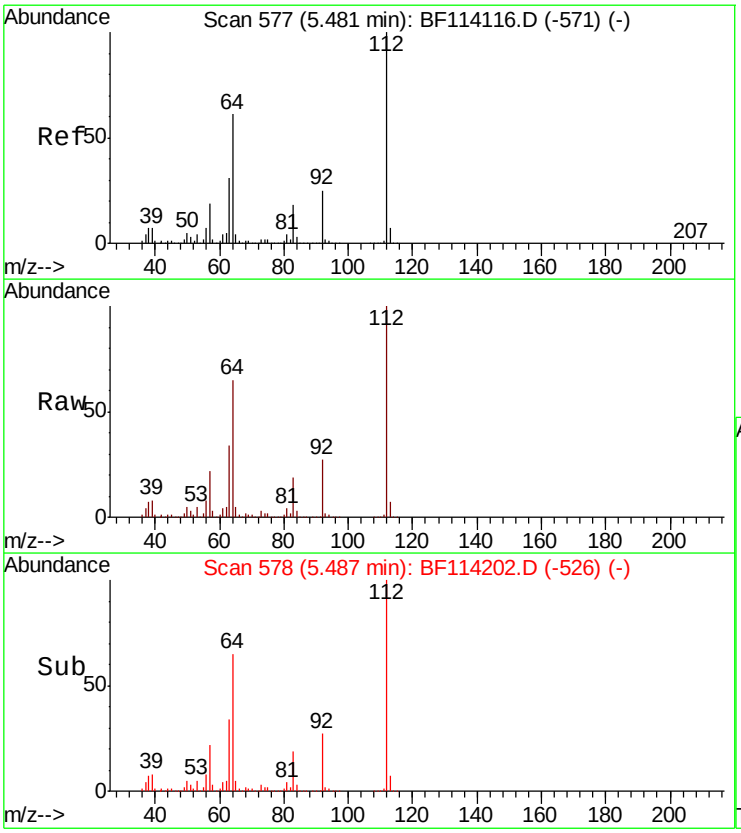
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:152 Resp: 254038

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.3	186.5
115	59.7	49.1	73.7

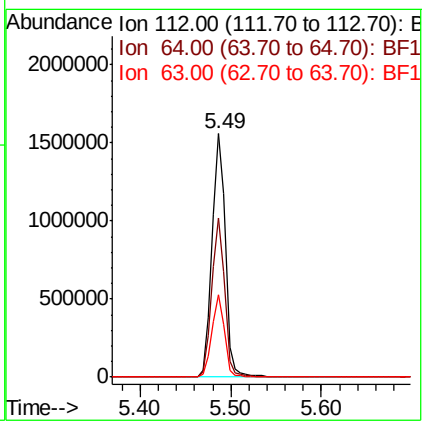


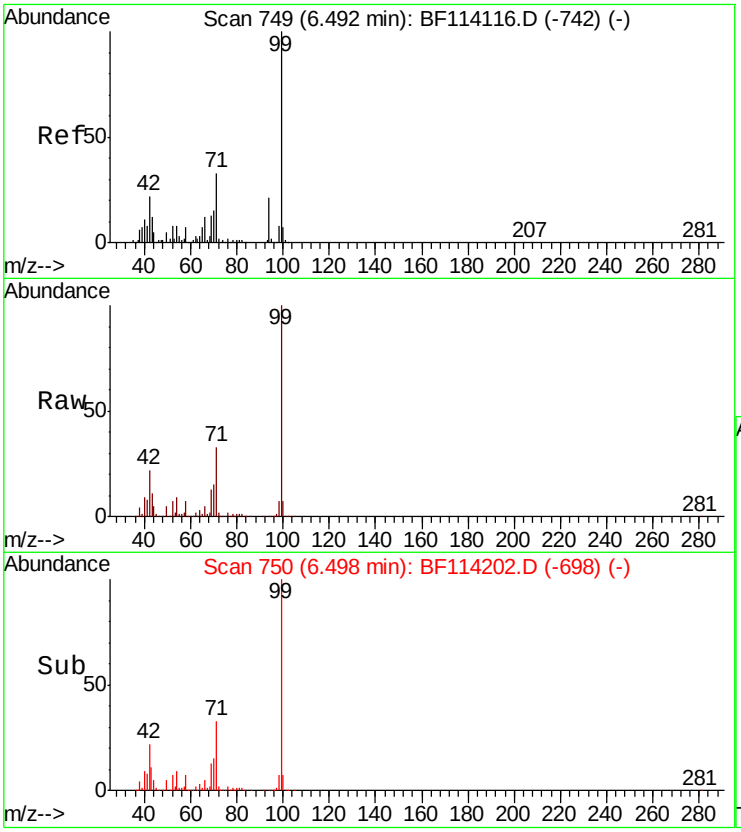


#5
2-Fluorophenol
Concen: 101.801 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:112 Resp: 1607028

Ion	Ratio	Lower	Upper
112	100		
64	65.5	49.0	73.6
63	33.7	24.6	37.0



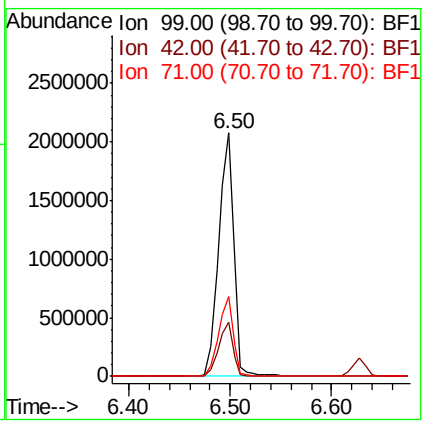


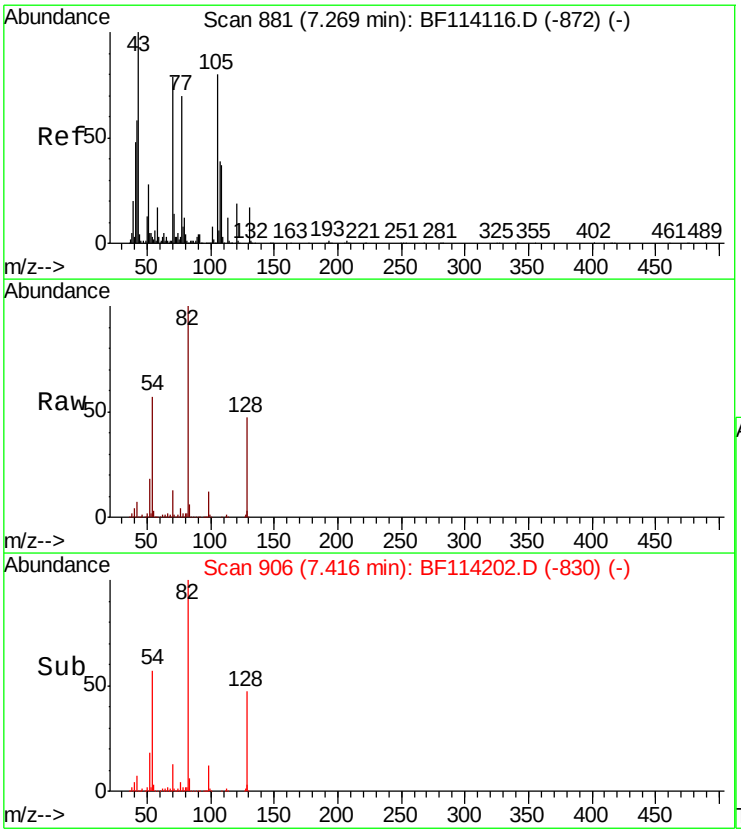
#7
Phenol-d6
Concen: 114.858 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion: 99 Resp: 2144464

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	32.8	26.2	39.2

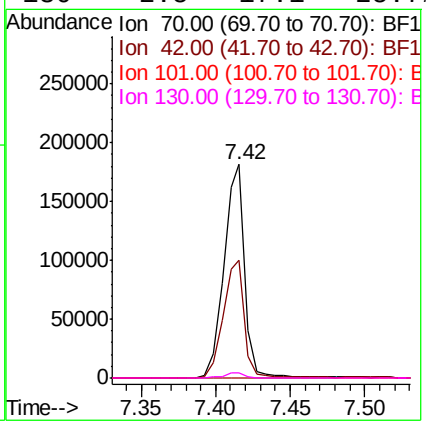


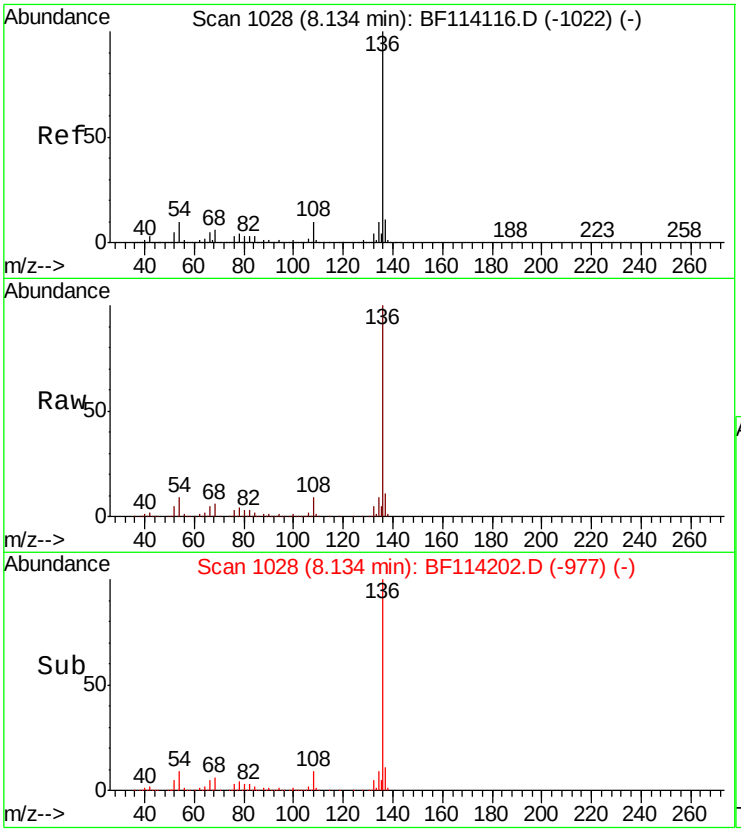


#19
n-Nitroso-di-n-propylamine
Concen: 15.052 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion: 70 Resp: 178136

Ion	Ratio	Lower	Upper
70	100		
42	55.3	58.6	87.8#
101	0.0	7.8	11.8#
130	2.5	17.1	25.7#



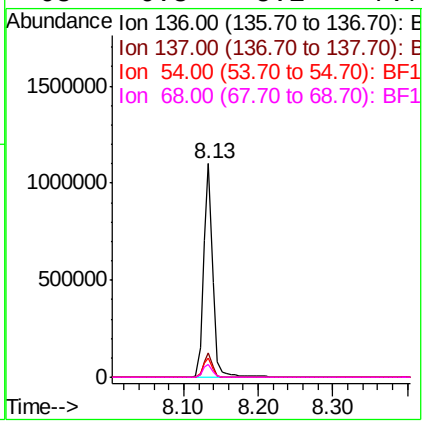


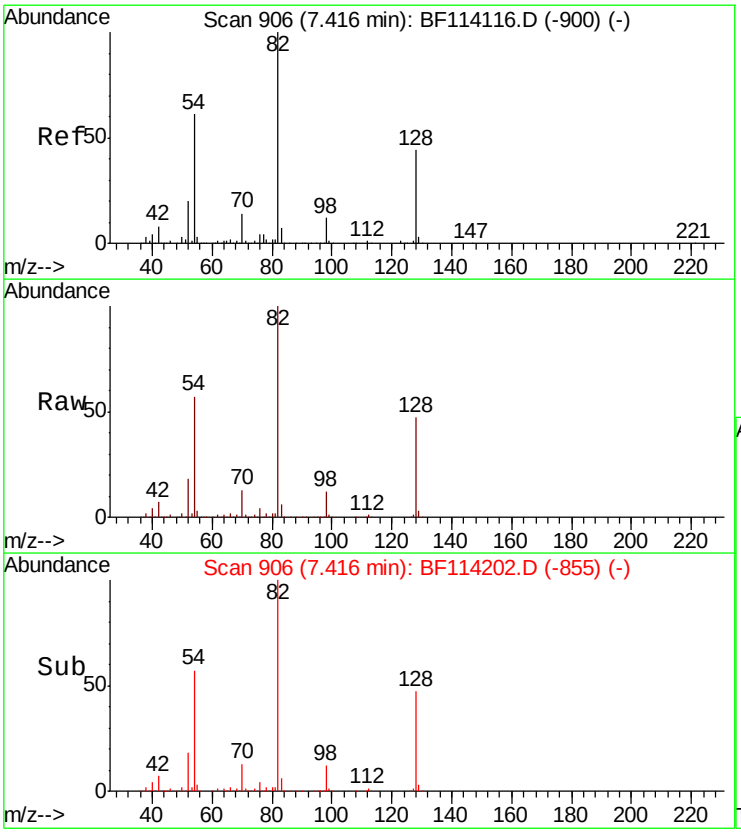
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:136 Resp: 942415

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.3	7.8	11.8
68	6.3	5.1	7.7

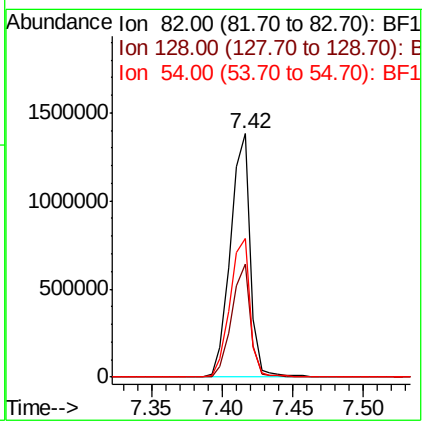


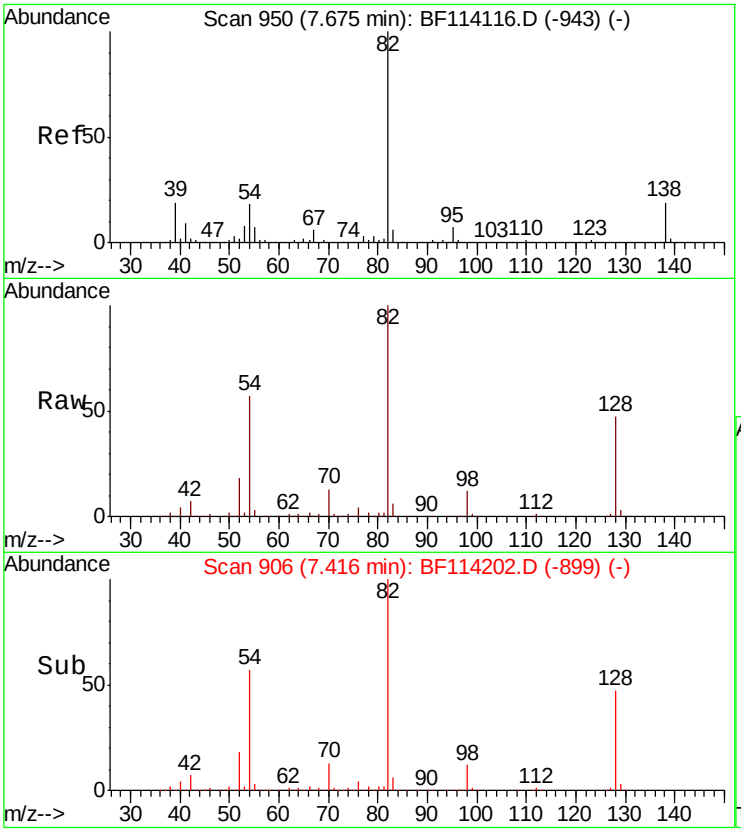


#23
Nitrobenzene-d5
Concen: 80.564 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion: 82 Resp: 1352896

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.5	53.3
54	57.2	48.5	72.7



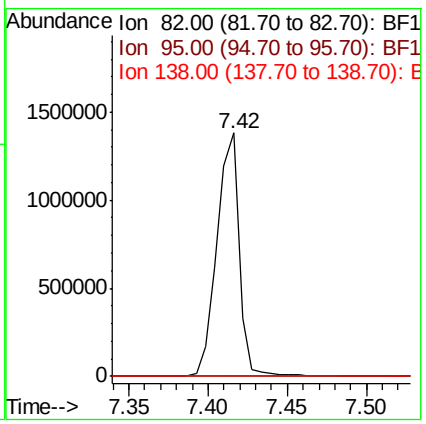


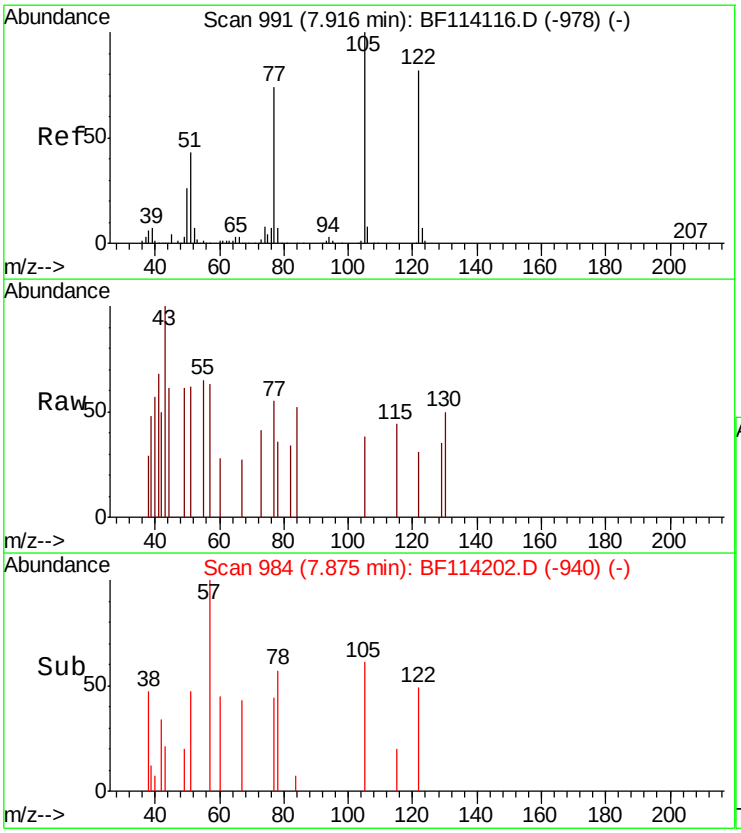
#25
Isophorone
Concen: 43.363 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion: 82 Resp: 1350499

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

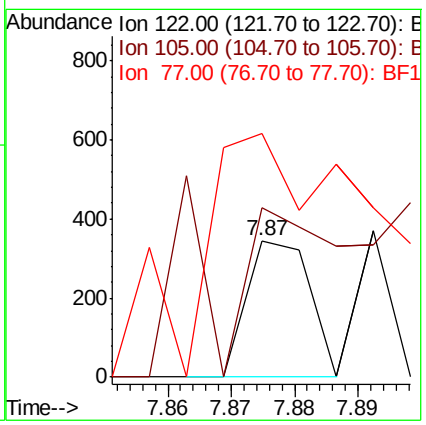


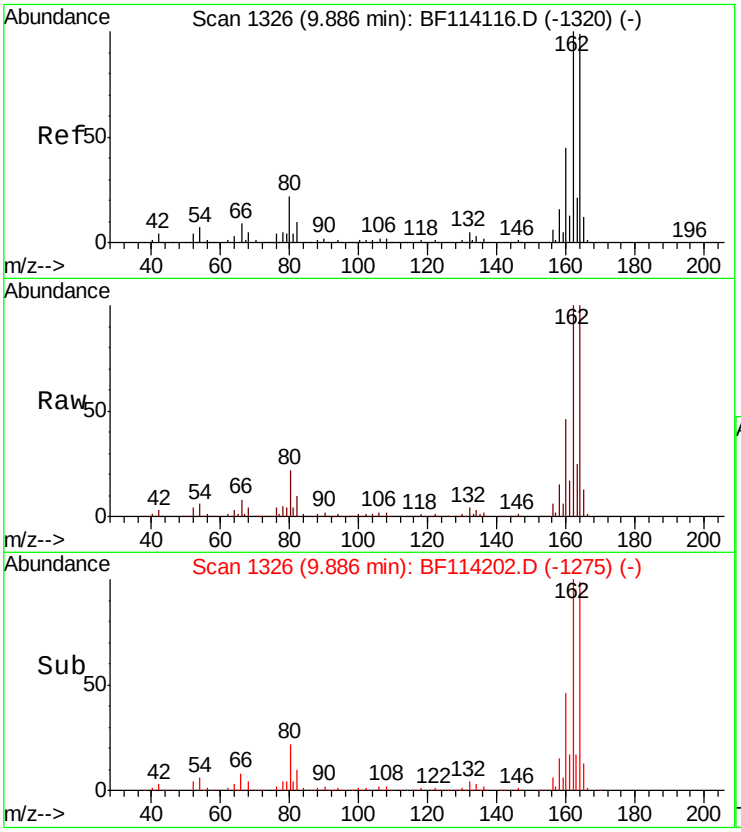


#32
Benzoic acid
Concen: 7.042 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.04 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:122 Resp: 235

Ion	Ratio	Lower	Upper
122	100		
105	123.7	99.9	139.9
77	178.0	69.4	109.4#



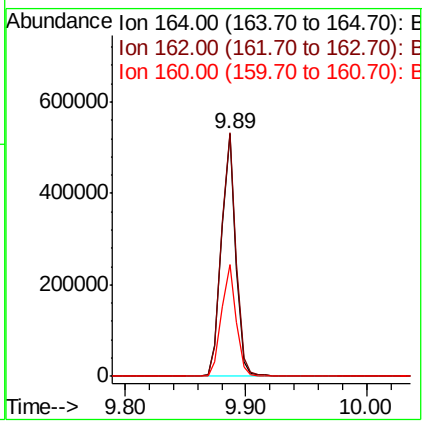


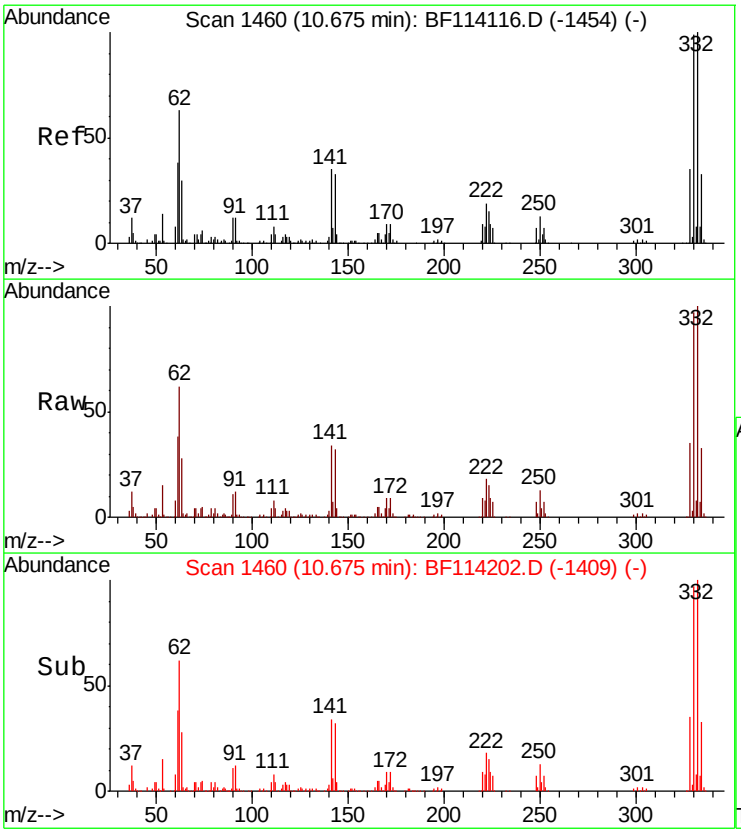
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:164 Resp: 430968

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	45.9	36.5	54.7

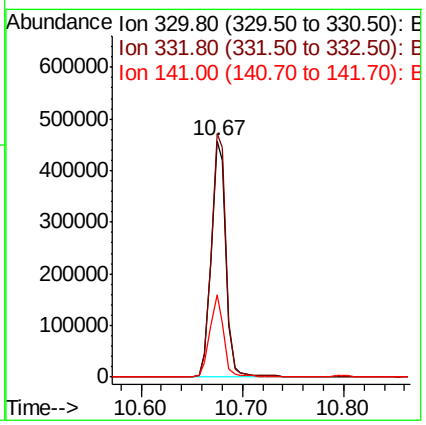


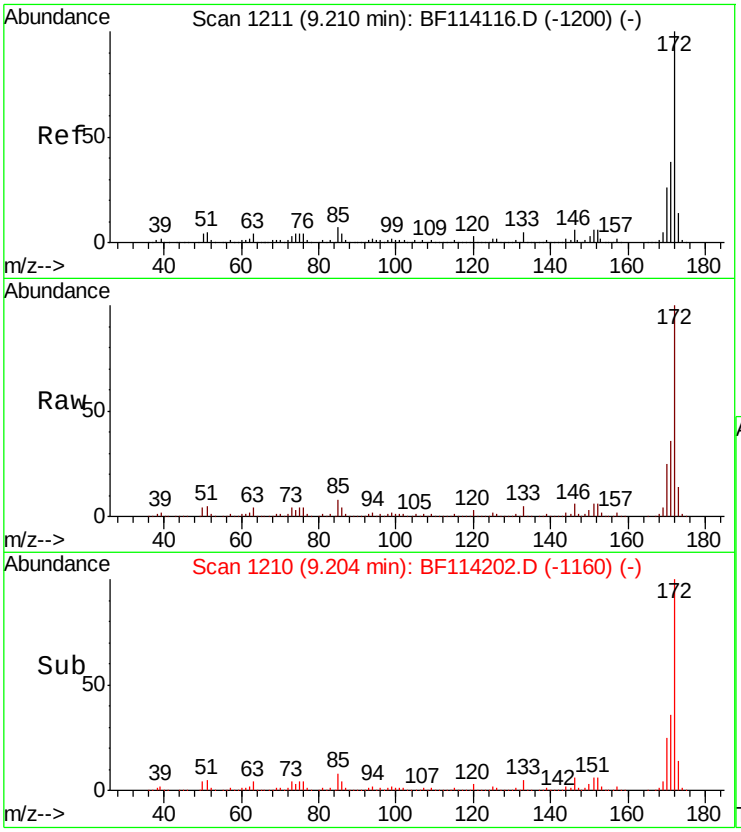


#42
2,4,6-Tribromophenol
Concen: 103.329 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:330 Resp: 460383

Ion	Ratio	Lower	Upper
330	100		
332	103.7	81.4	122.2
141	32.3	26.6	40.0



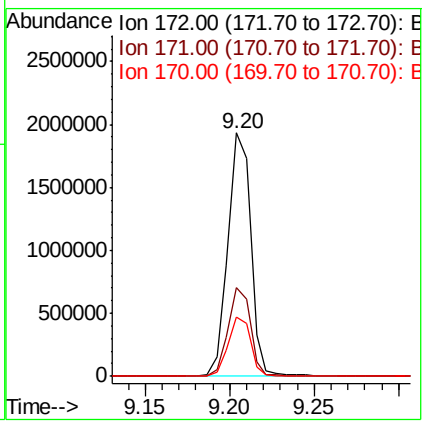


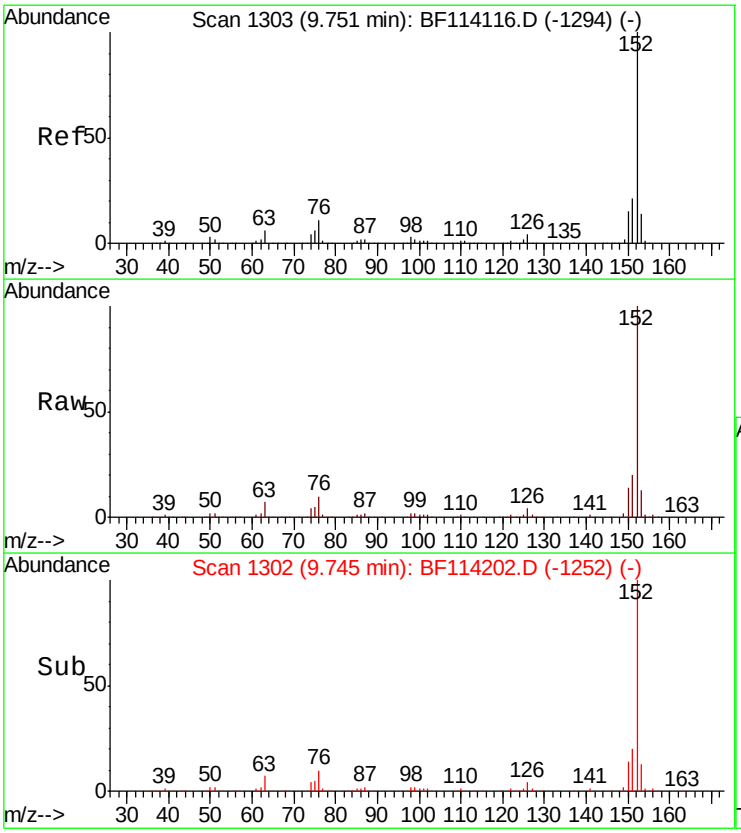
#45
2-Fluorobiphenyl
Concen: 64.066 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:172 Resp: 1825270

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.6	20.5	30.7

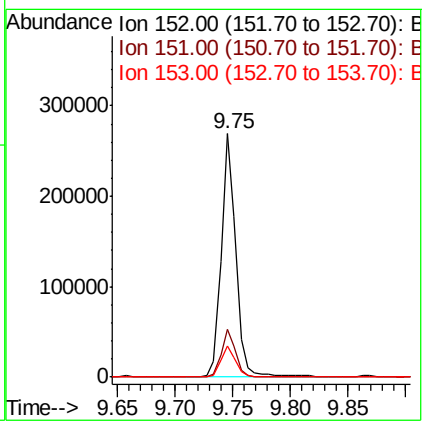


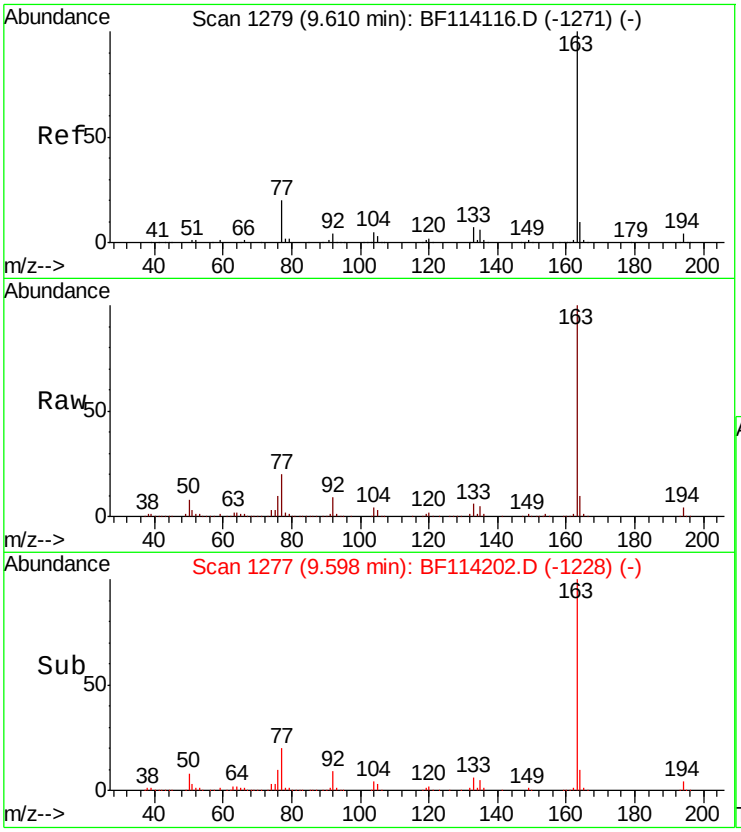


#49
Acenaphthylene
Concen: 5.453 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:152 Resp: 232389

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	12.9	11.4	17.2



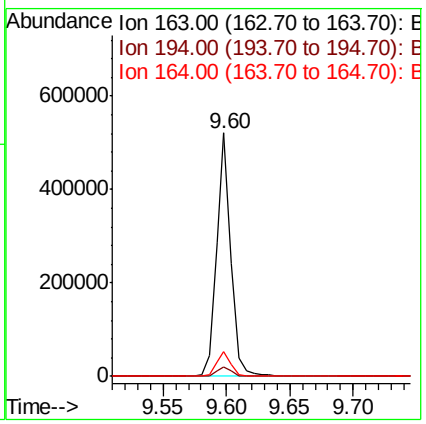


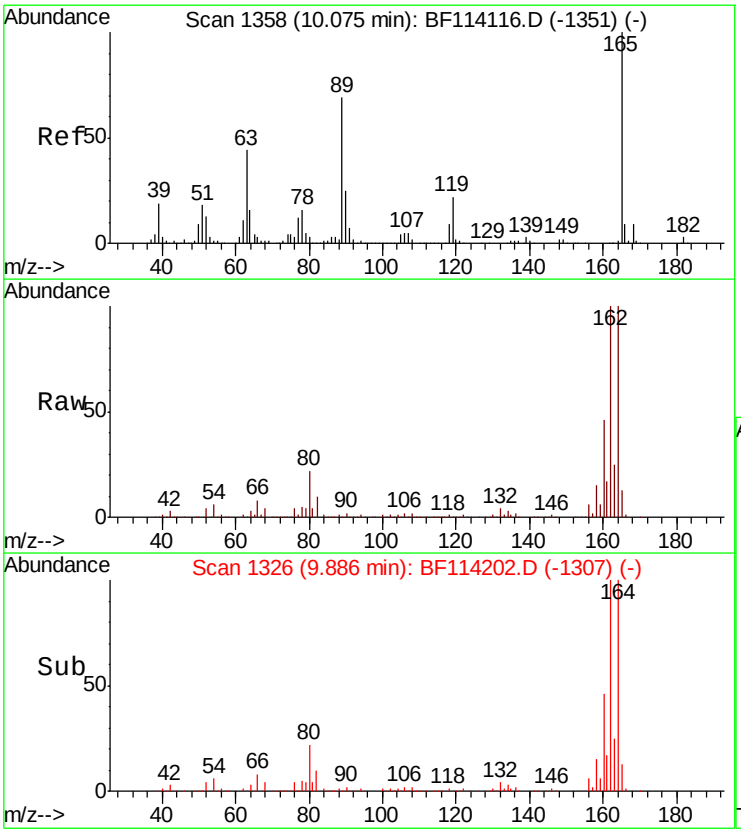
#50
Dimethylphthalate
Concen: 13.090 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:163 Resp: 414144

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.2	8.2	12.2

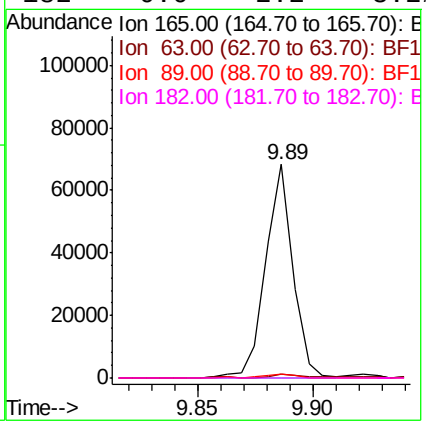


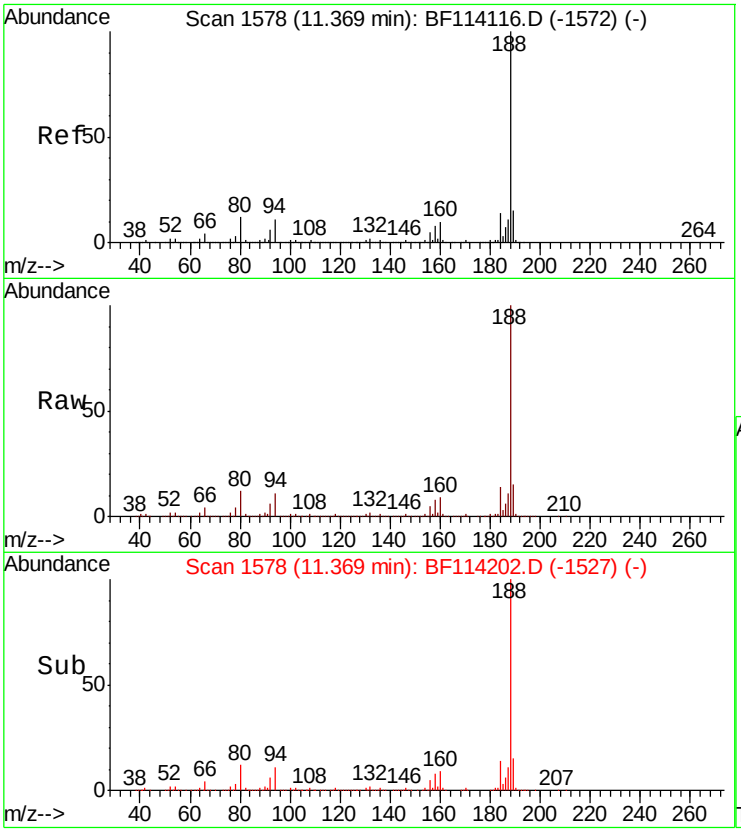


#57
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:165 Resp: 56444

Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.5	53.3#
89	1.9	55.2	82.8#
182	0.0	2.2	3.2#



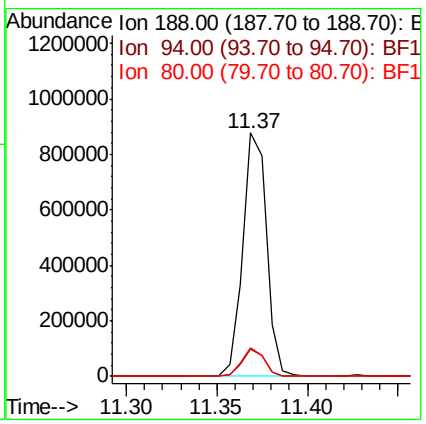


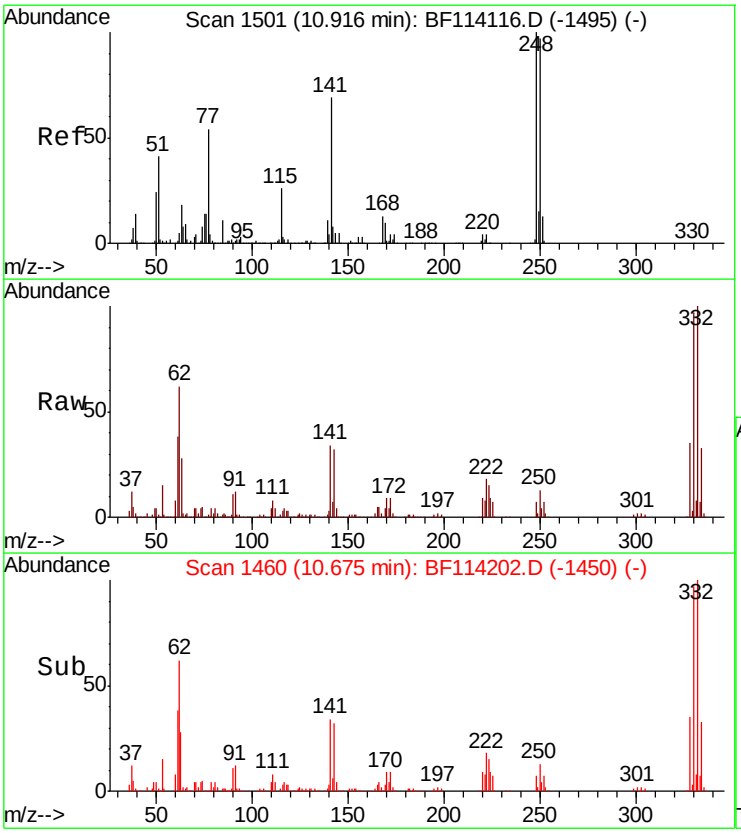
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:188 Resp: 799836

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.4	12.6
80	11.9	9.2	13.8

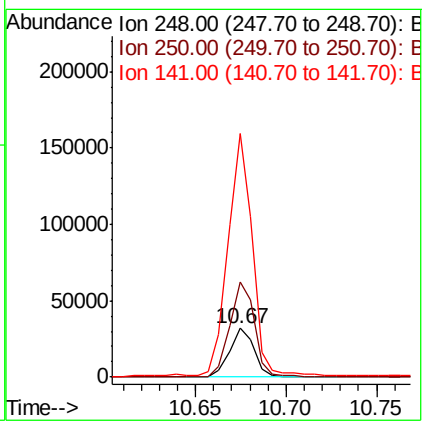


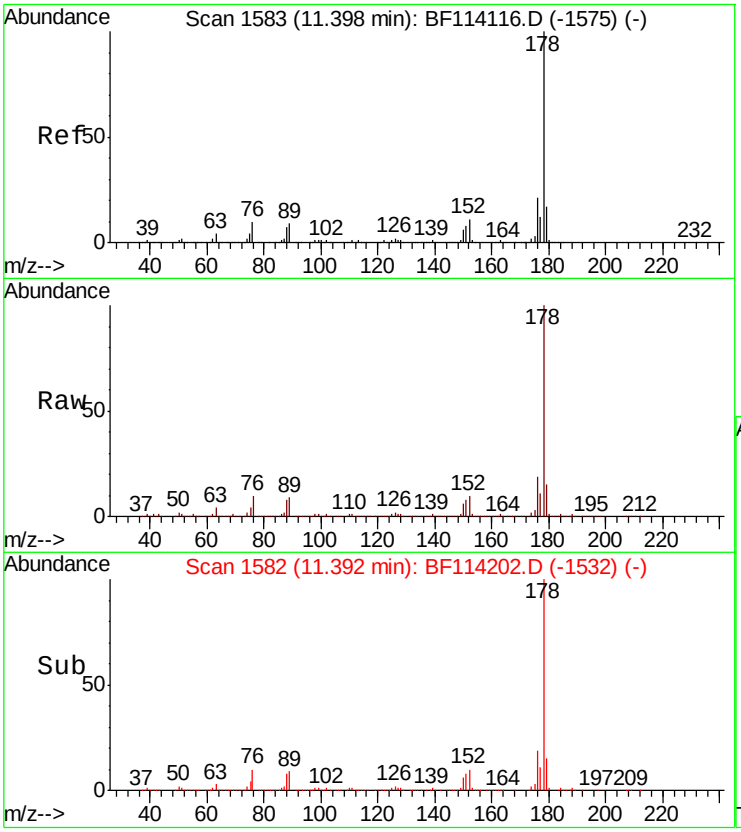


#67
4-Bromophenyl-phenylether
Concen: 3.427 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:248 Resp: 30184

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.4	116.2#
141	498.6	55.6	83.4#



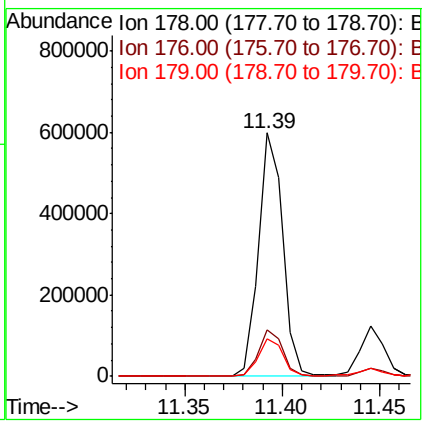


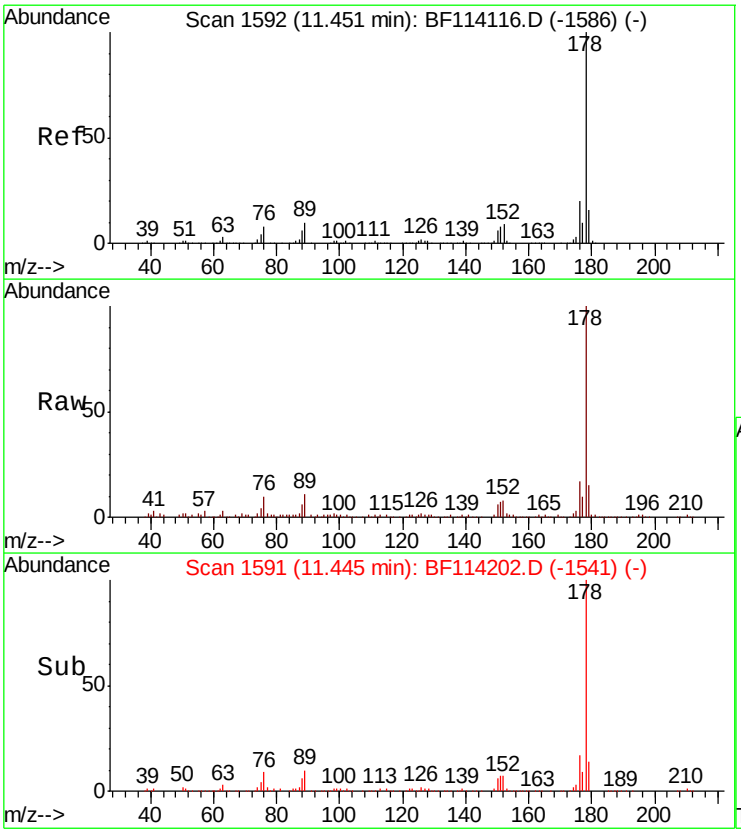
#71
Phenanthrene
Concen: 13.222 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:178 Resp: 514517

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.4	24.6
179	15.5	13.2	19.8

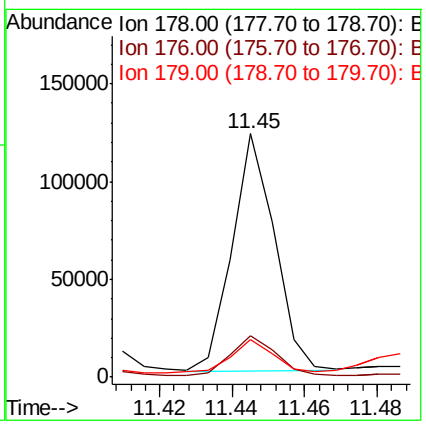


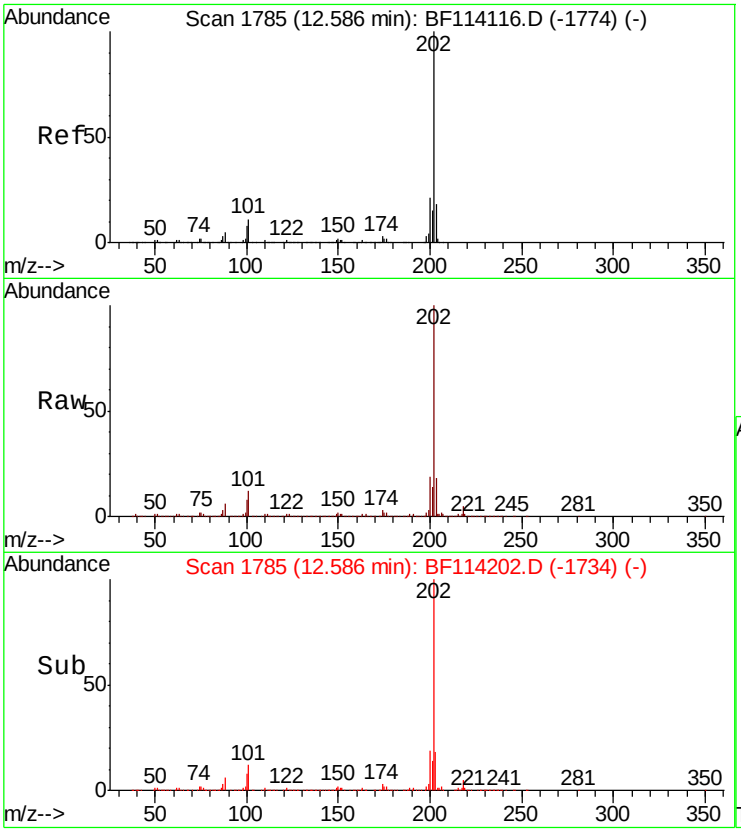


#72
Anthracene
Concen: 2.527 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:178 Resp: 98778

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.8	23.8
179	15.3	13.0	19.4



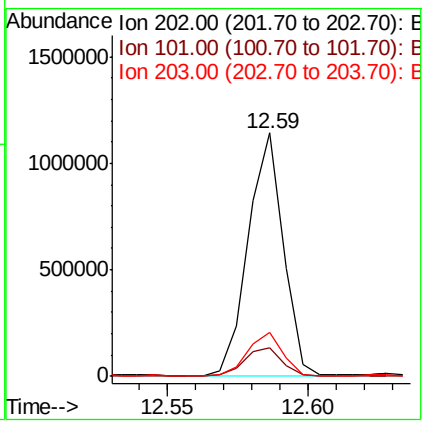


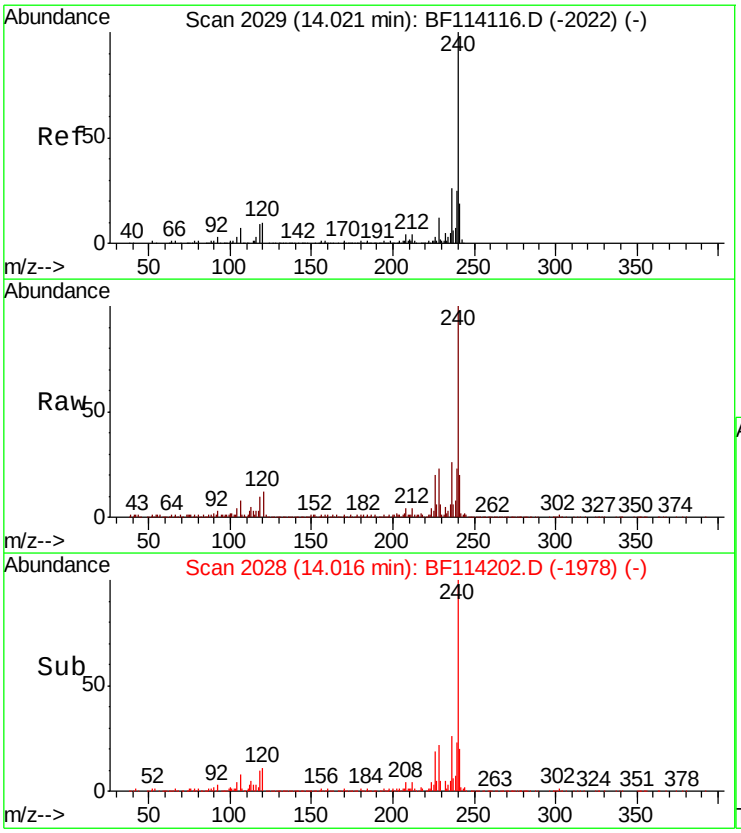
#75
Fluoranthene
Concen: 23.479 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:202 Resp: 983889

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.0
203	17.8	0.0	38.4

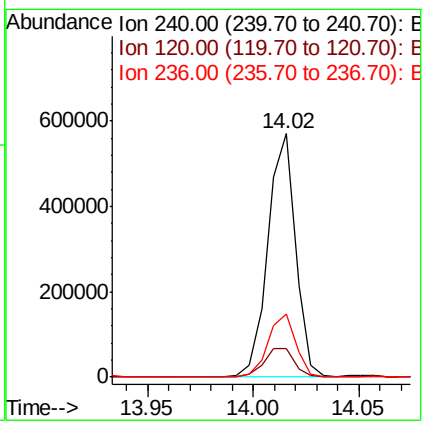


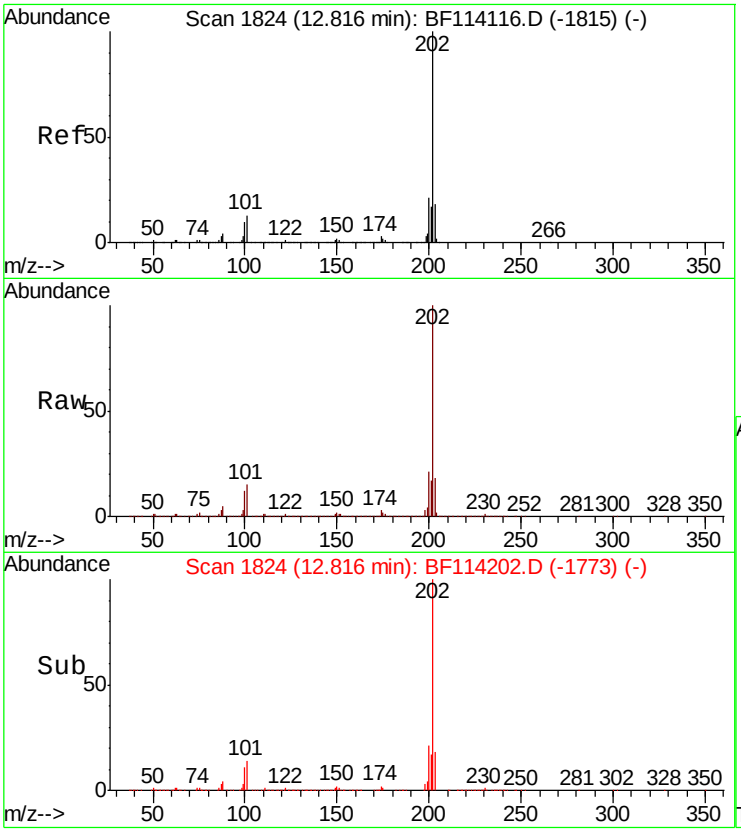


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:240 Resp: 517160

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	26.0	20.8	31.2



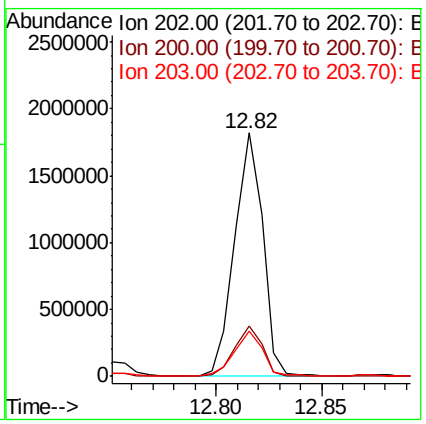


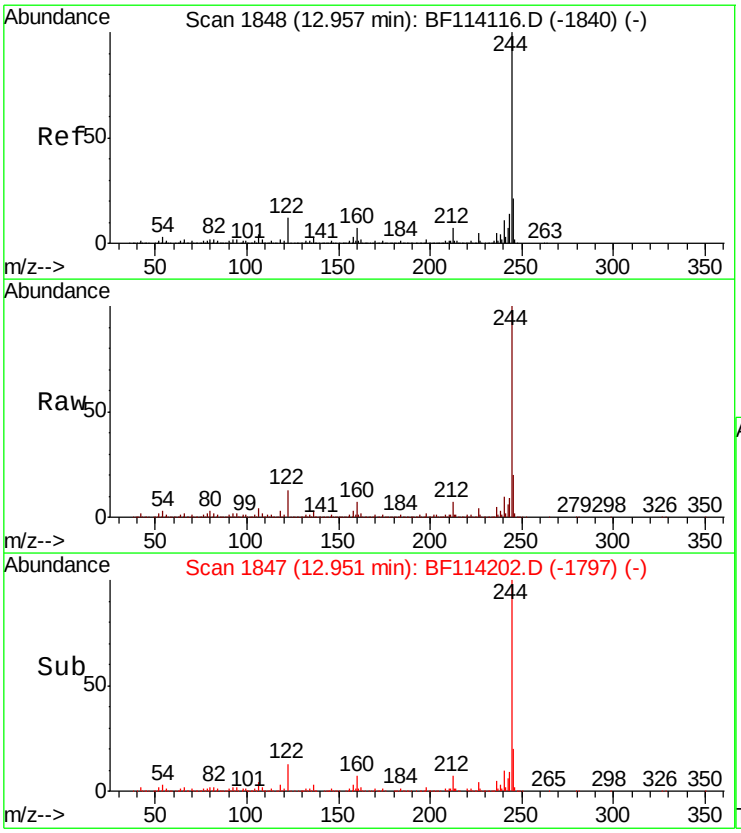
#78
Pyrene
Concen: 40.157 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:202 Resp: 1670636

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	18.4	14.5	21.7

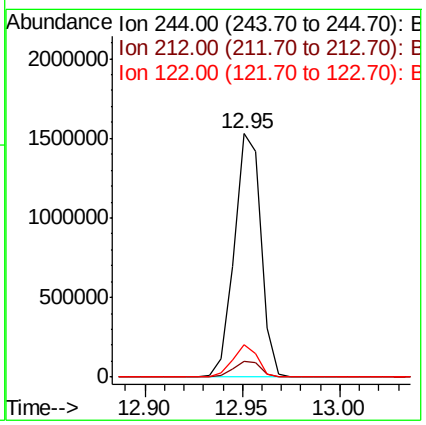


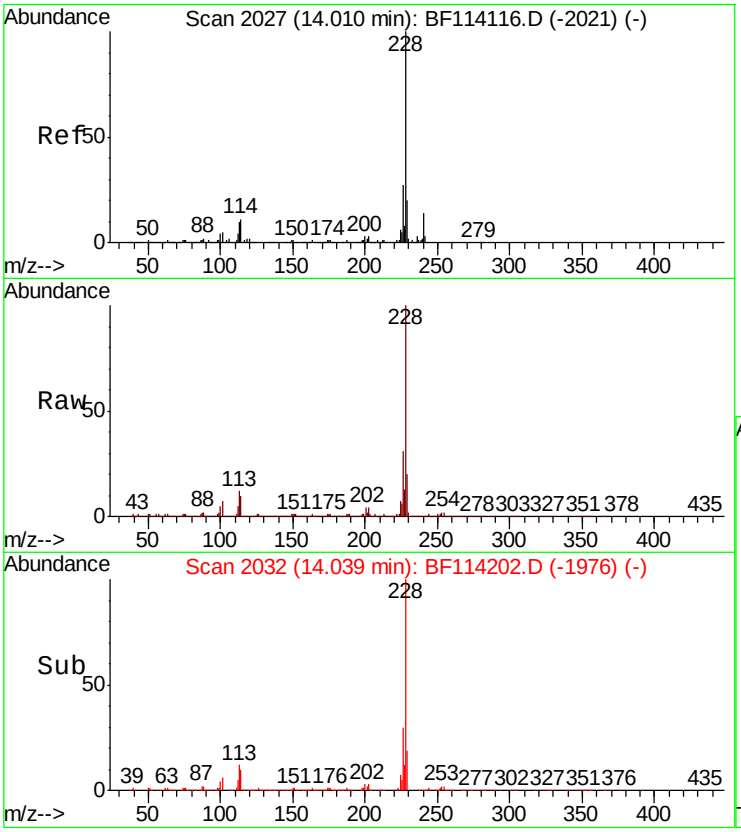


#79
Terphenyl-d14
Concen: 57.734 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:244 Resp: 1448391

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	13.4	9.4	14.2



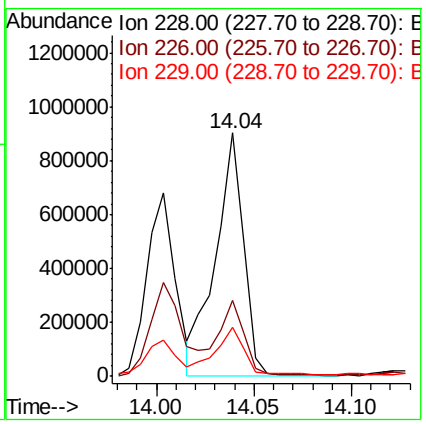


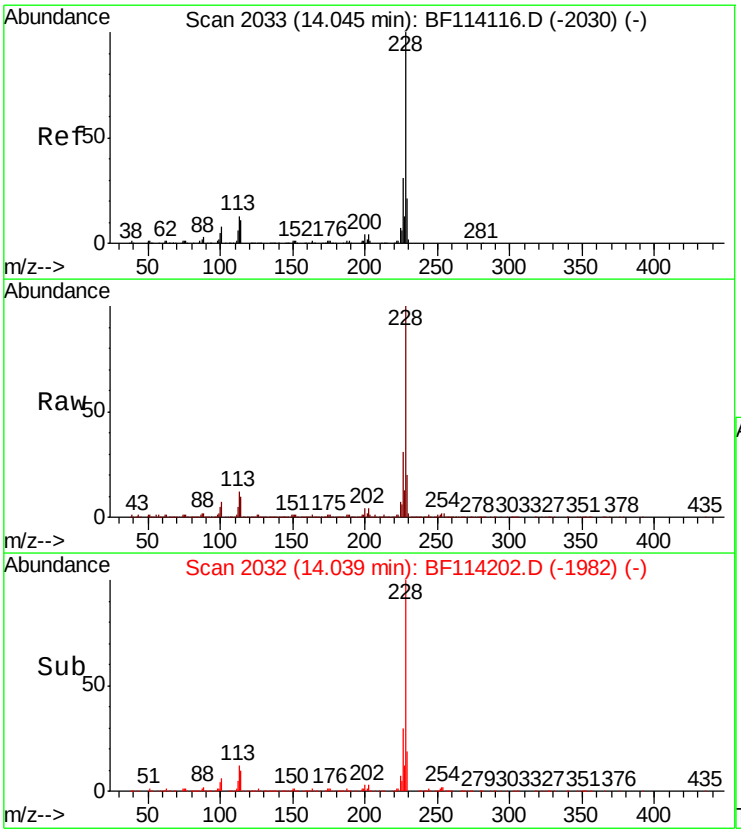
#81
Benzo(a)anthracene
Concen: 26.907 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:228 Resp: 900038

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.2	33.2
229	20.0	16.4	24.6

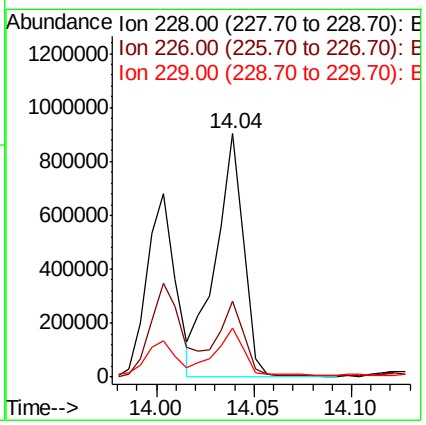


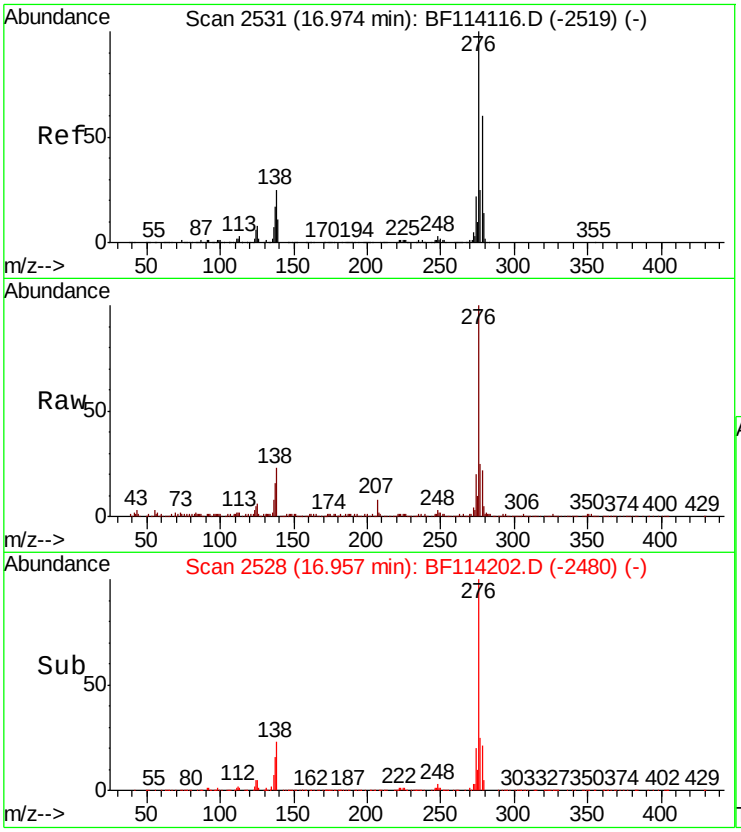


#83
Chrysene
Concen: 27.448 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:228 Resp: 900038

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.0	17.0	25.6



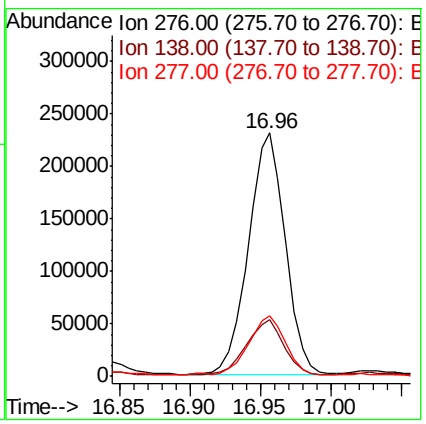


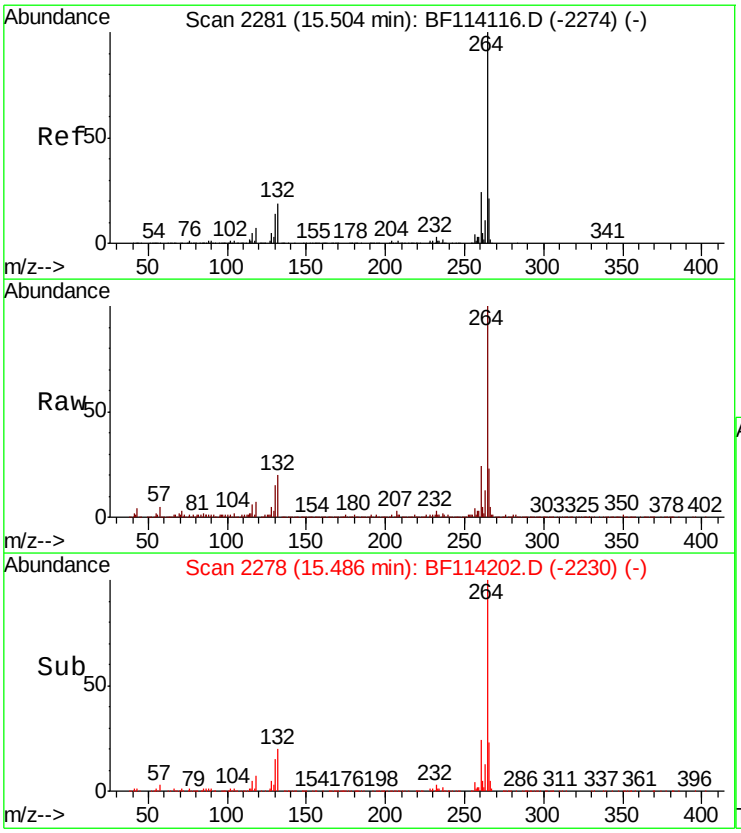
#86
Indeno(1,2,3-cd)pyrene
Concen: 14.483 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:276 Resp: 419707

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.2	30.2
277	24.7	20.0	30.0

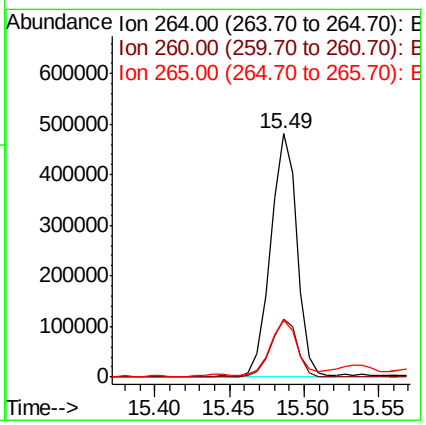


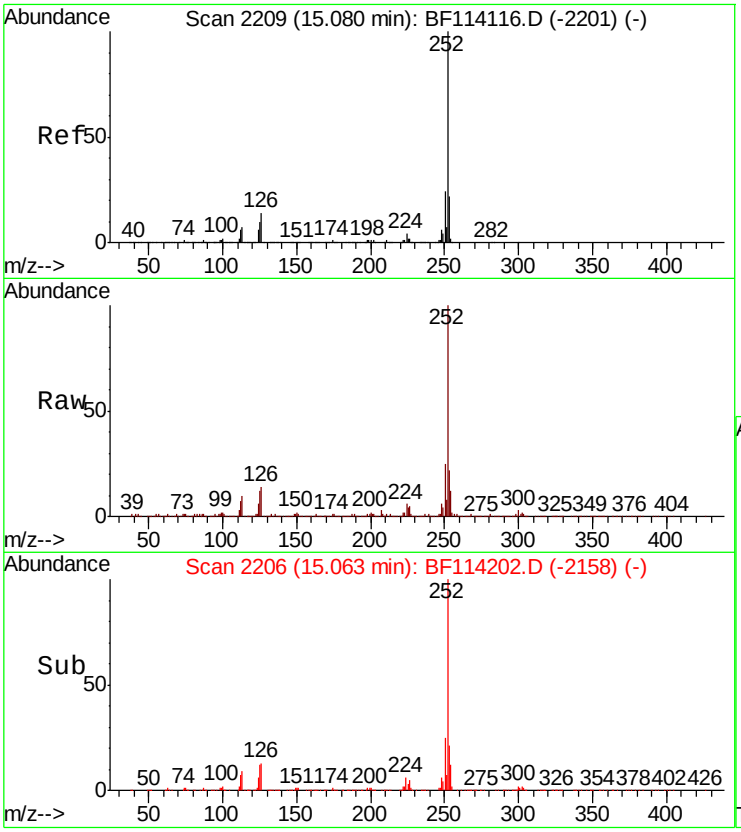


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:264 Resp: 592470

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



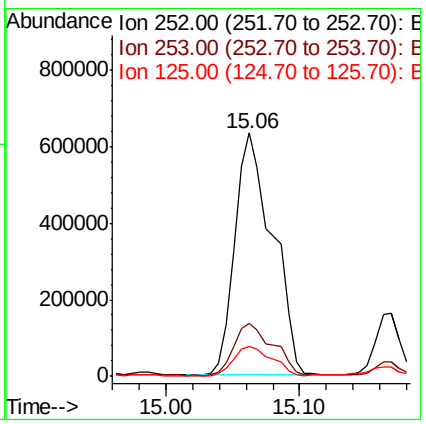


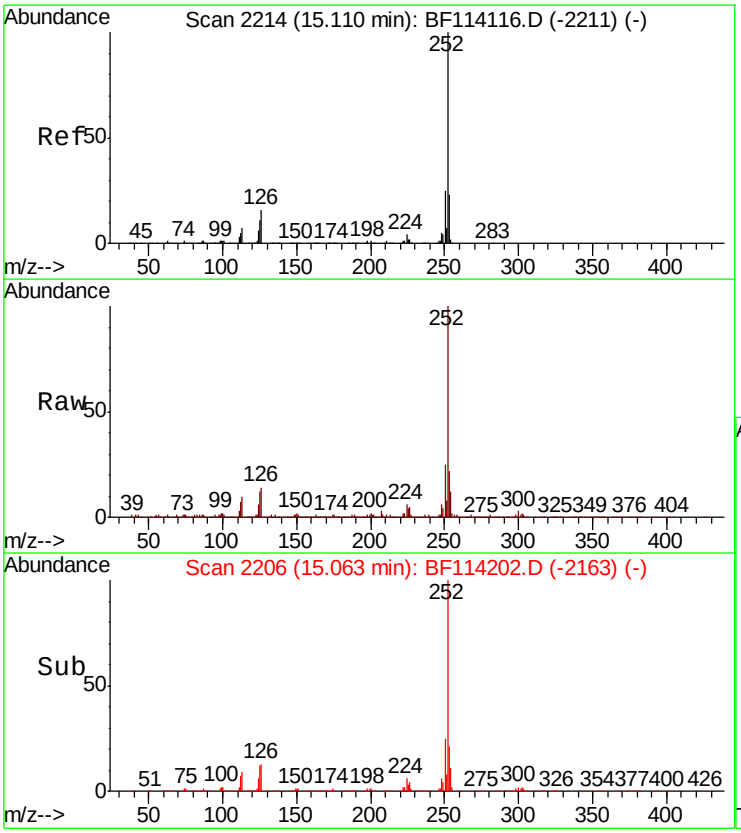
#88
Benzo(b)fluoranthene
Concen: 32.671 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:252 Resp: 1240088

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	12.0	8.3	12.5

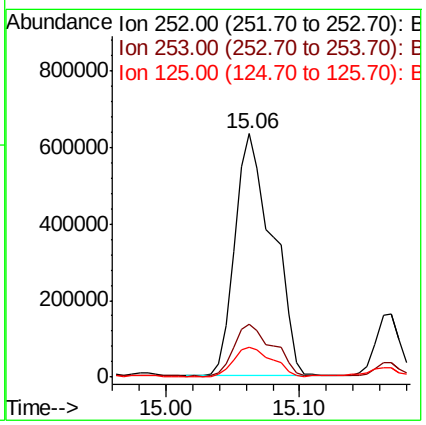


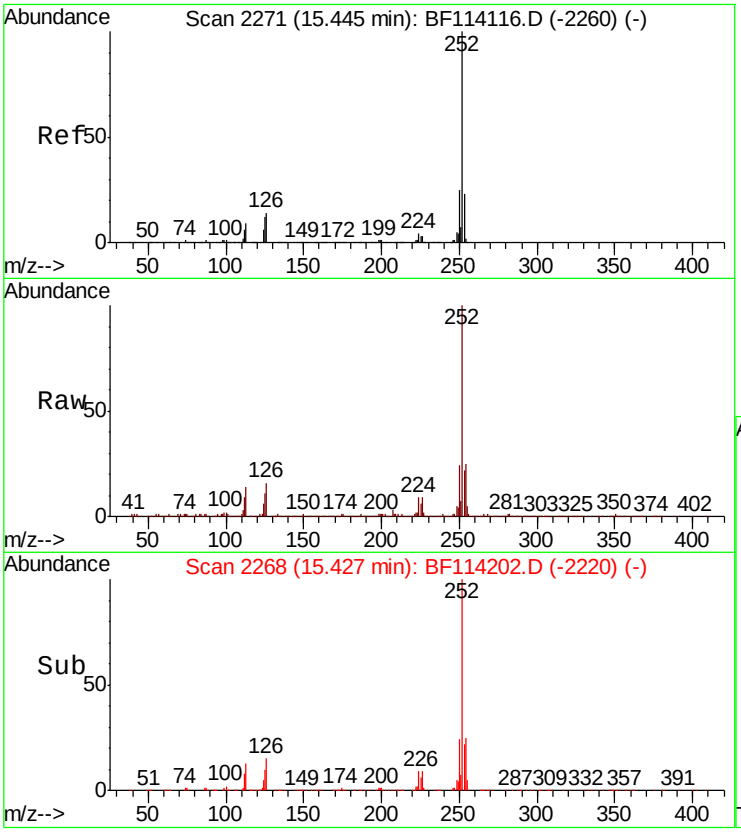


#89
Benzo(k)fluoranthene
Concen: 35.566 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:252 Resp: 1240088

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.0	8.6	13.0



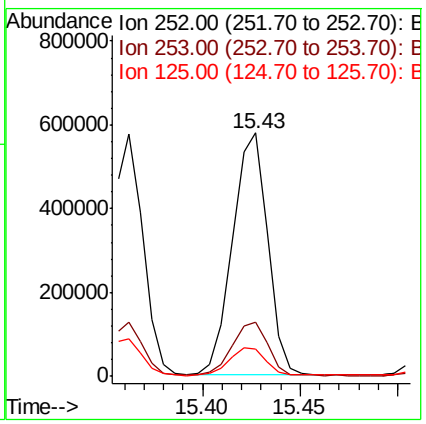


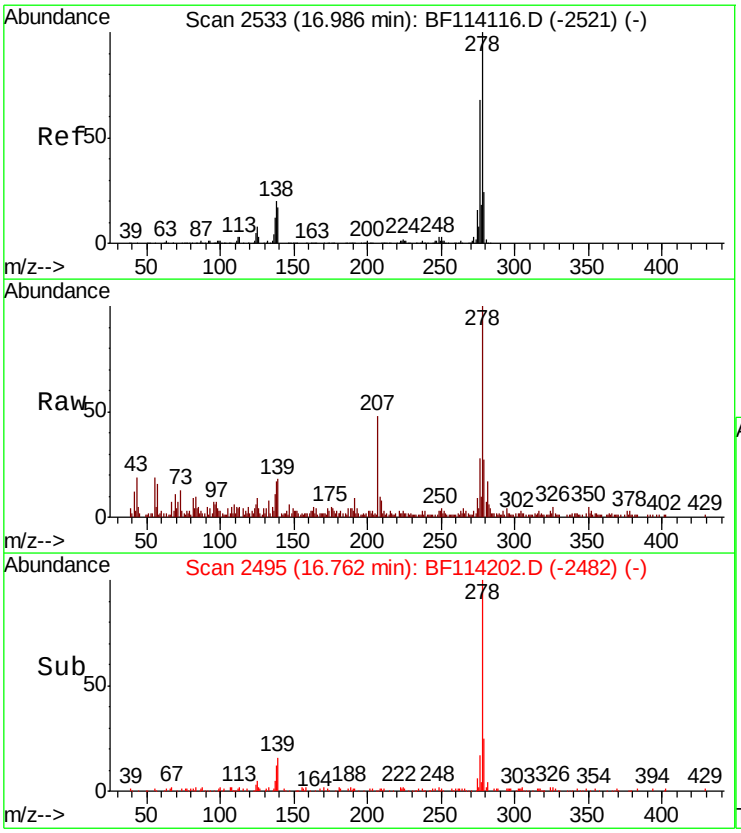
#90
Benzo(a)pyrene
Concen: 21.597 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:252 Resp: 721467

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.4	9.5	14.3

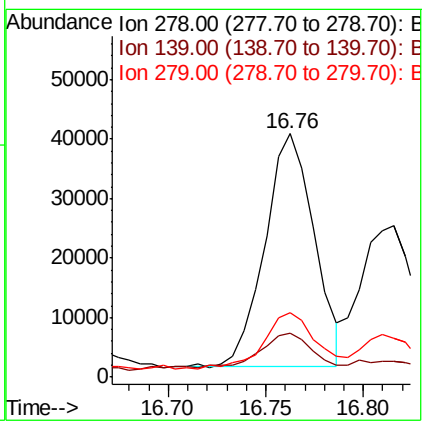


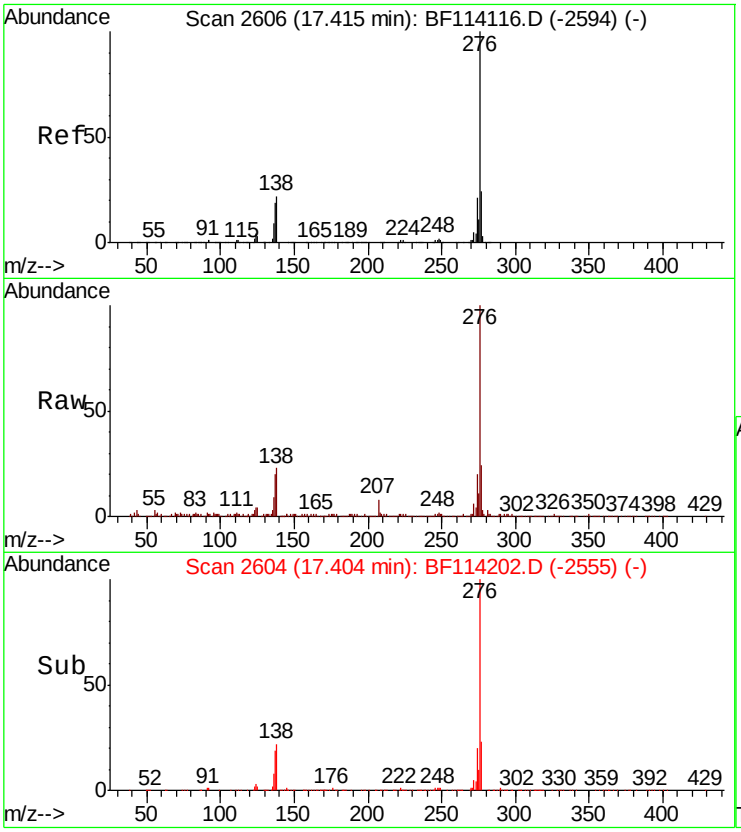


#91
Dibenzo(a,h)anthracene
Concen: 2.475 ng
RT: 16.76 min Scan# 2495
Delta R.T. -0.22 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Tgt Ion:278 Resp: 68695

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.5	20.3
279	26.7	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 16.782 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF114202.D
Acq: 12 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0002-01

Tgt Ion:276 Resp: 466830

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	23.5	17.8	26.6