Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114201.D
Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS016-0206-01

Quant Time: May 13 07:47:57 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	262214	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	980799	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	444712	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	826218	20.00	ng	0.00
76) Chrysene-d12	14.02	240	524324	20.00	ng	0.00
87) Perylene-d12	15.49	264	603840	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1597741	98.06	ng	0.00
7) Phenol-d6	6.50	99	2114208	109.71	ng	0.00
23) Nitrobenzene-d5	7.42	82	1301068	74.45	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	477782	103.92	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2019008	68.68	ng	0.00
79) Terphenyl-d14	12.96	244	1604660	63.09	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	169344	13.863	ng	# 73
25) Isophorone	7.42	82	1297149	40.020	ng	# 64
32) Benzoic acid	7.91	122	113	7.031	ng	89
49) Acenaphthylene	9.75	152	201965	4.593	ng	98
50) Dimethylphthalate	9.60	163	476229	14.588	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	30503	3.353	ng	# 1
71) Phenanthrene	11.40	178	957333	23.816	ng	97
72) Anthracene	11.44	178	85156	2.109	ng	99
75) Fluoranthene	12.59	202	1066955	24.649	ng	98
78) Pyrene	12.82	202	1702997	40.375	ng	99
81) Benzo(a)anthracene	14.04	228	789907	23.292	ng	97
83) Chrysene	14.04	228	789907	23.761	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	340242	11.580	ng	97
88) Benzo(b)fluoranthene	15.06	252	1022592	26.434	ng	97
89) Benzo(k)fluoranthene	15.06	252	1022592	28.776	ng	98
90) Benzo(a)pyrene	15.42	252	590200	17.335	ng	99
92) Benzo(g,h,i)perylene	17.40	276	380254	13.412	ng	100

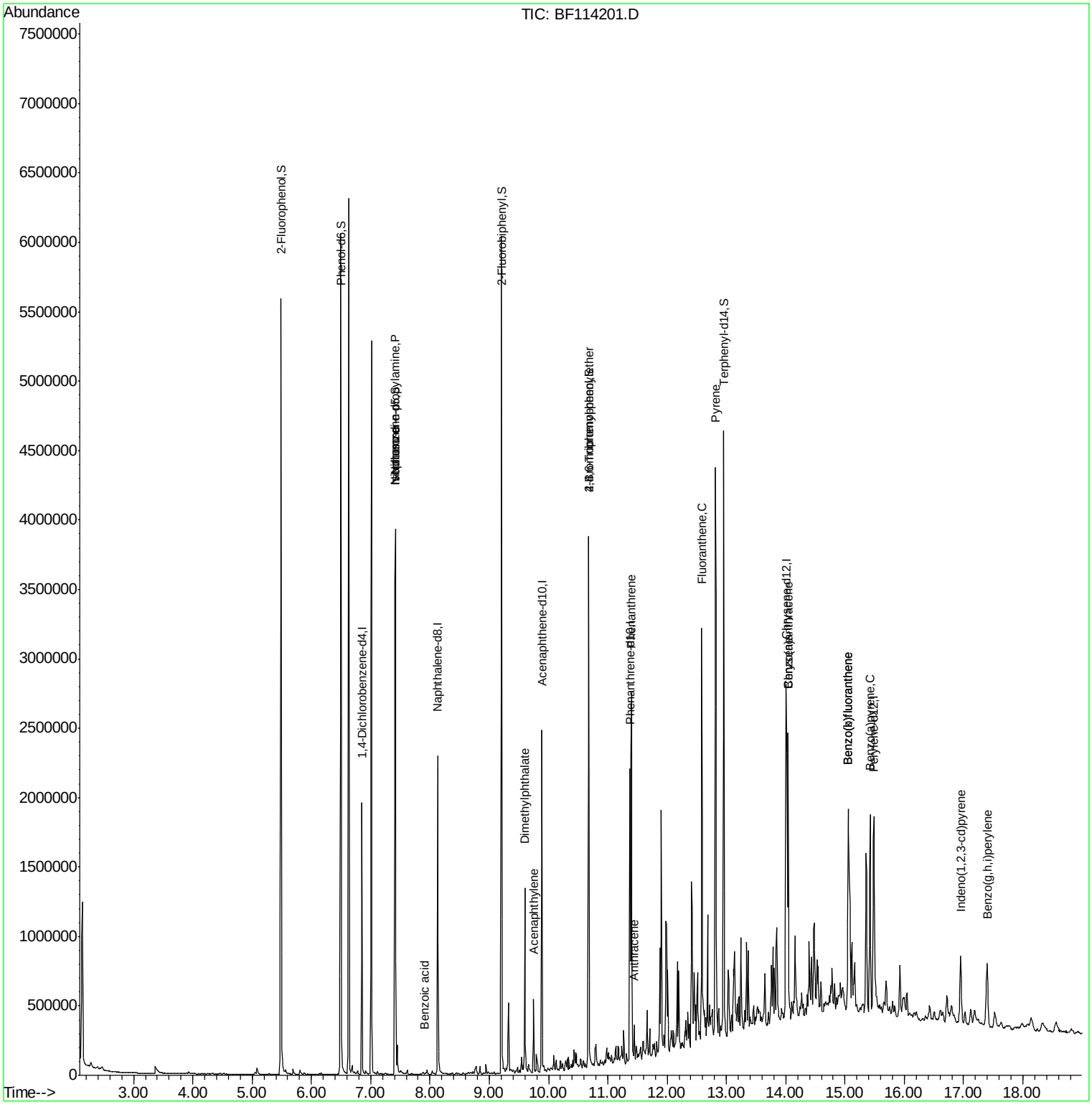
(#) = qualifier out of range (m) = manual integration (+) = signals summed

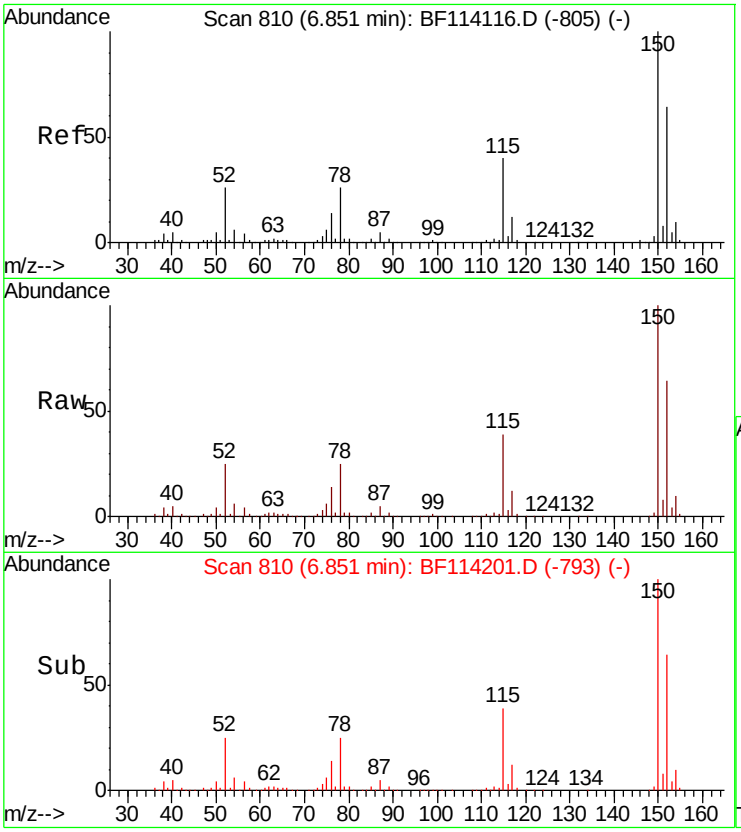
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114201.D
Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Quant Time: May 13 07:47:57 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



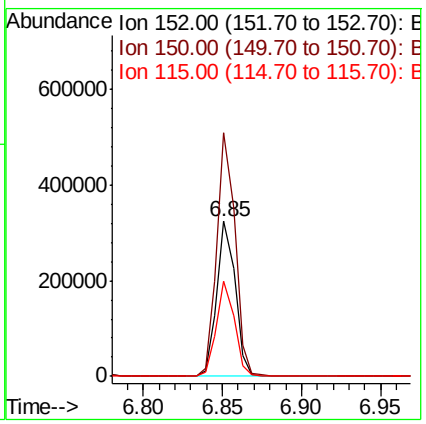


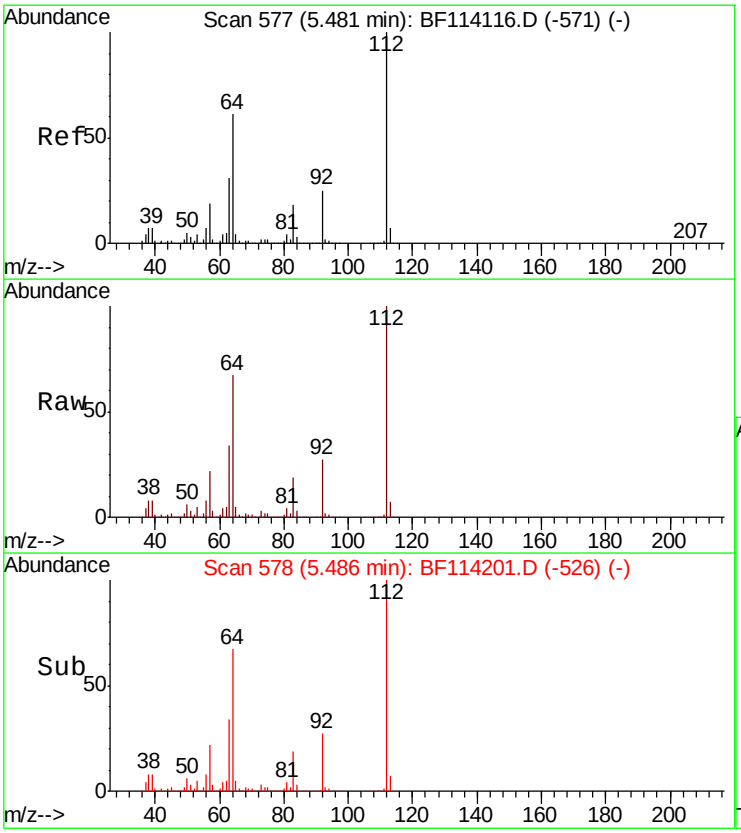
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:152 Resp: 262214

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.3	186.5
115	61.2	49.1	73.7

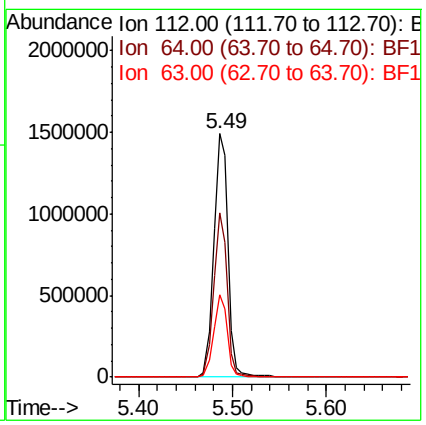


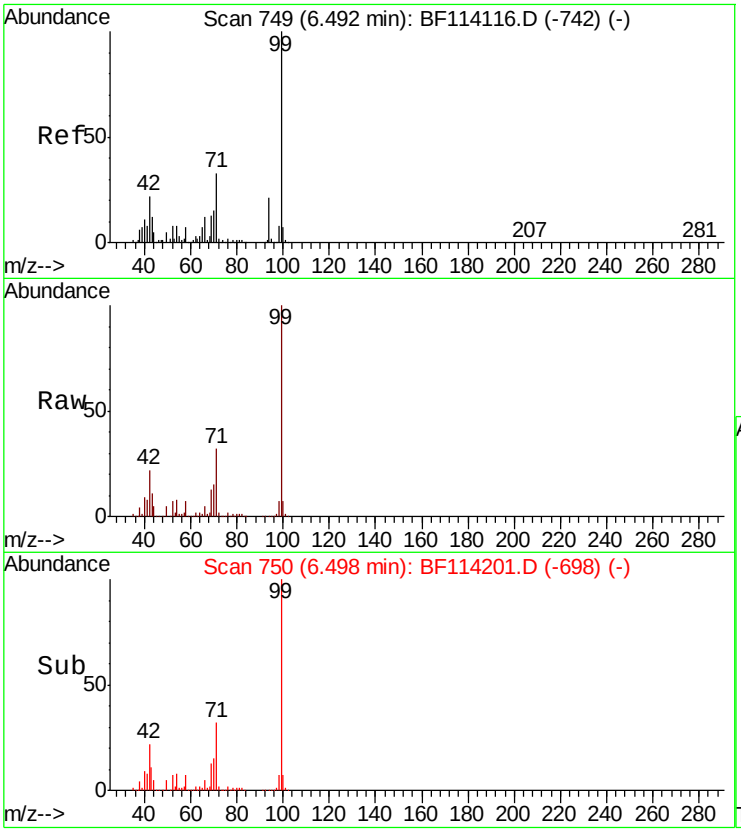


#5
2-Fluorophenol
Concen: 98.057 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:112 Resp: 1597741

Ion	Ratio	Lower	Upper
112	100		
64	67.3	49.0	73.6
63	33.9	24.6	37.0



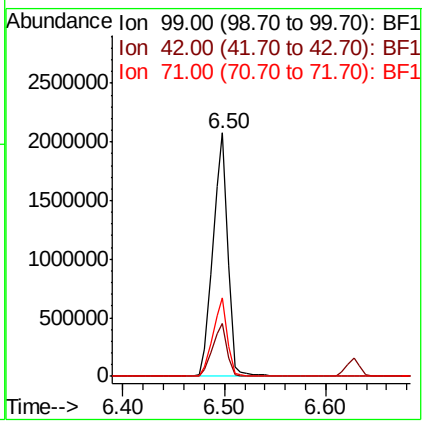


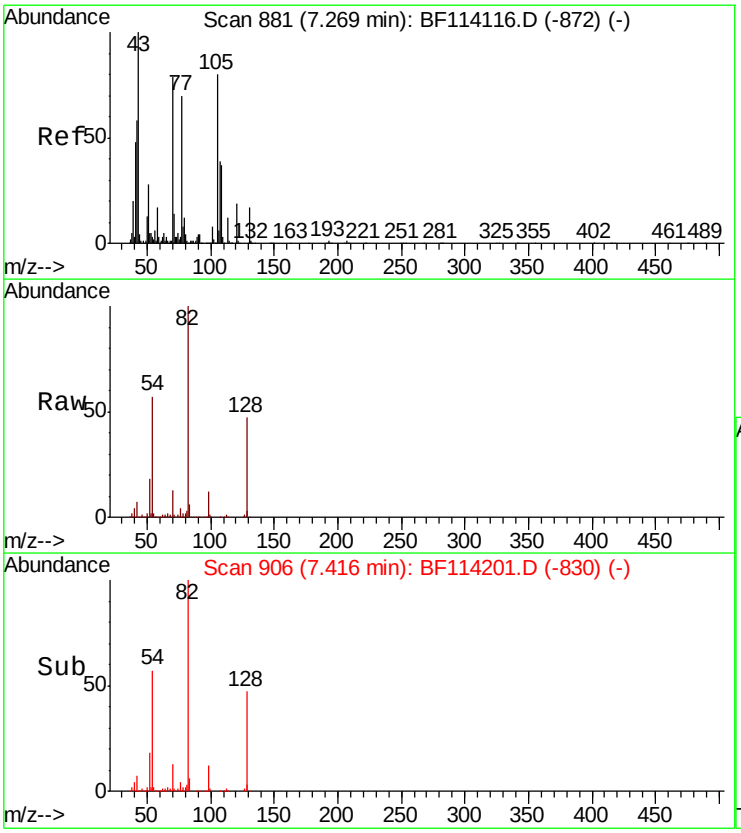
#7
Phenol-d6
Concen: 109.706 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion: 99 Resp: 2114208

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.9	26.9
71	32.2	26.2	39.2

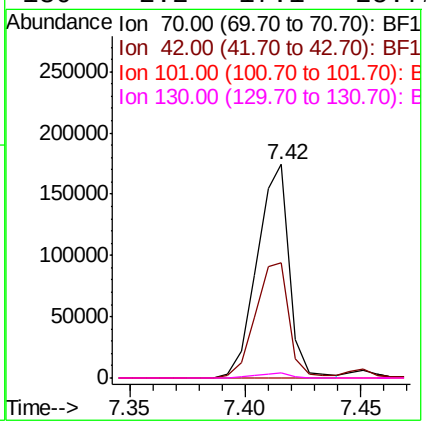


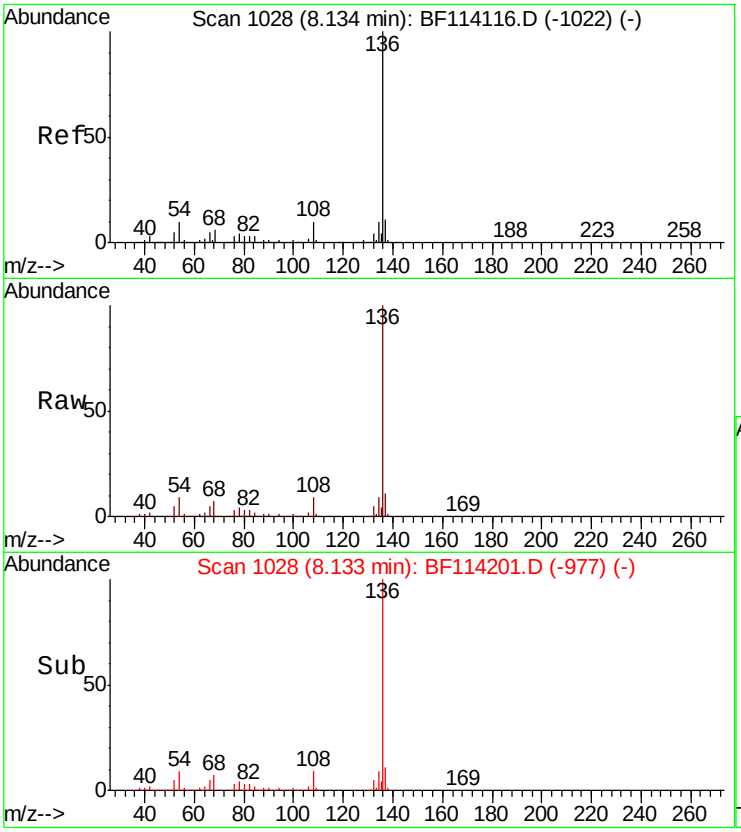


#19
n-Nitroso-di-n-propylamine
Concen: 13.863 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion: 70 Resp: 169344

Ion	Ratio	Lower	Upper
70	100		
42	54.2	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#



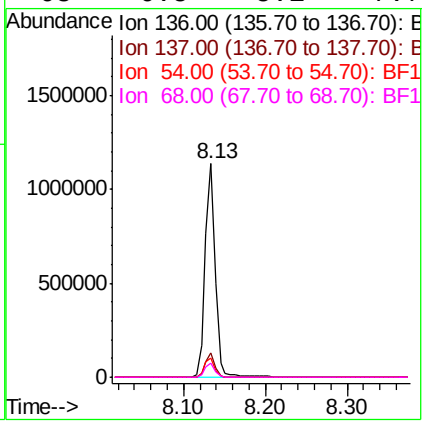


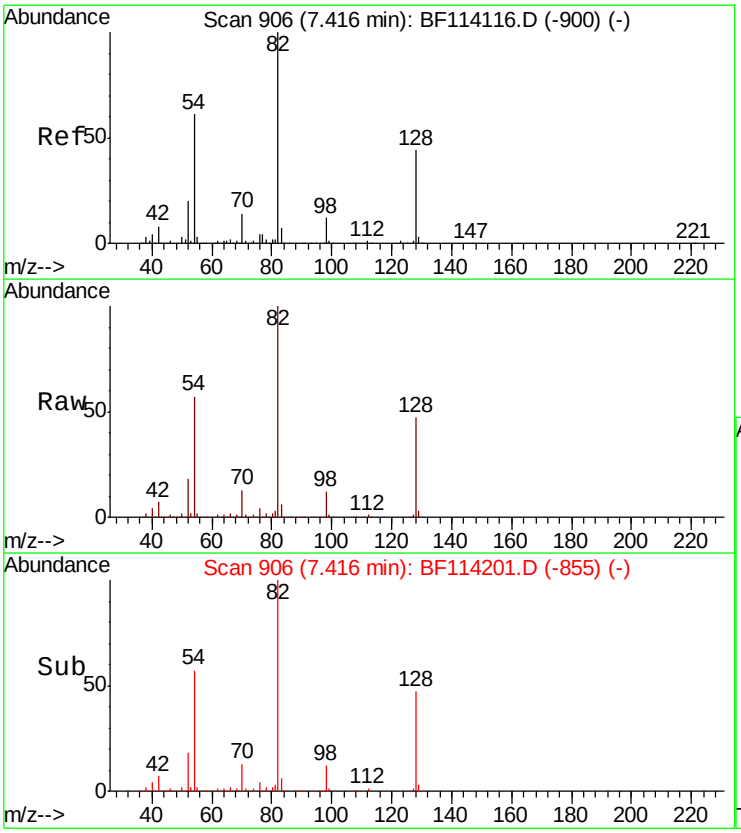
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:136 Resp: 980799

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.2	7.8	11.8
68	6.5	5.1	7.7

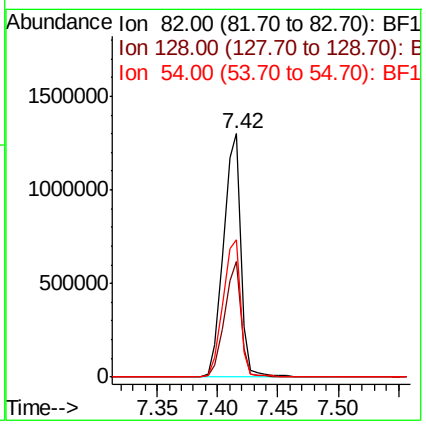


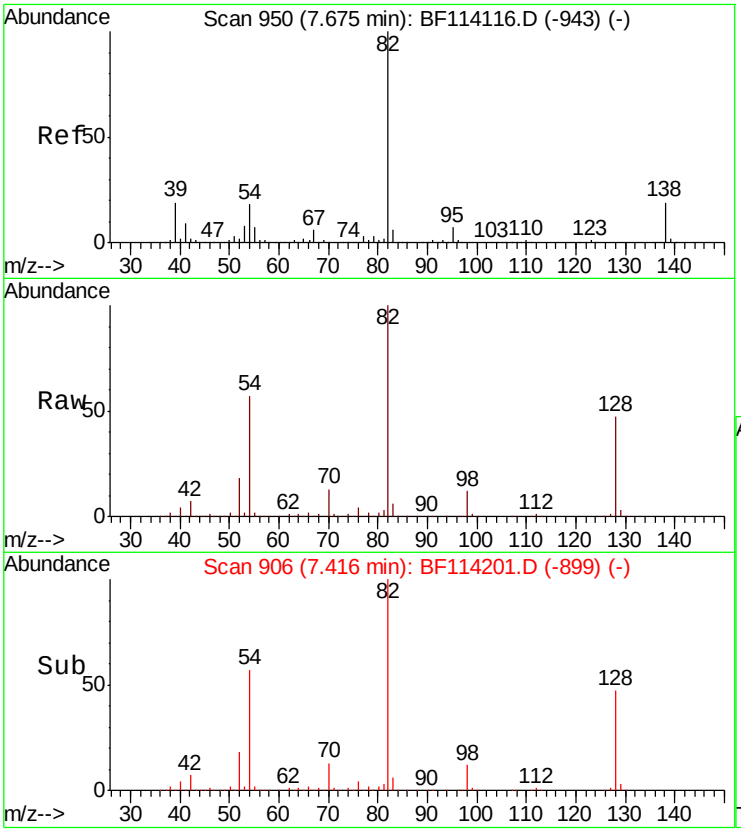


#23
Nitrobenzene-d5
Concen: 74.445 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion: 82 Resp: 1301068

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.5	53.3
54	56.7	48.5	72.7



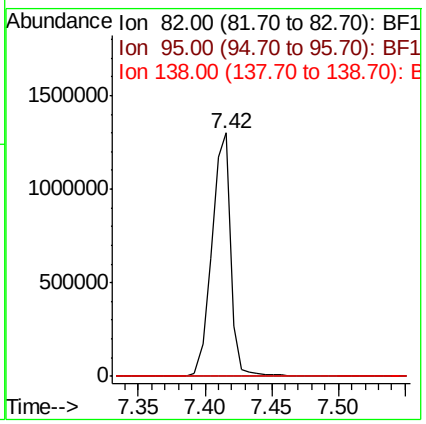


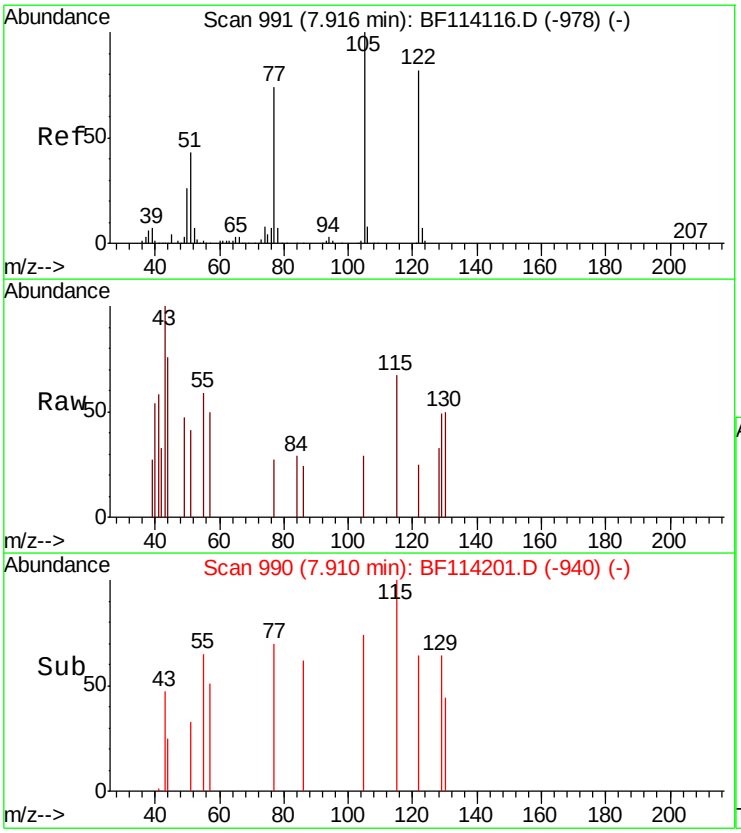
#25
Isophorone
Concen: 40.020 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion: 82 Resp: 1297149

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

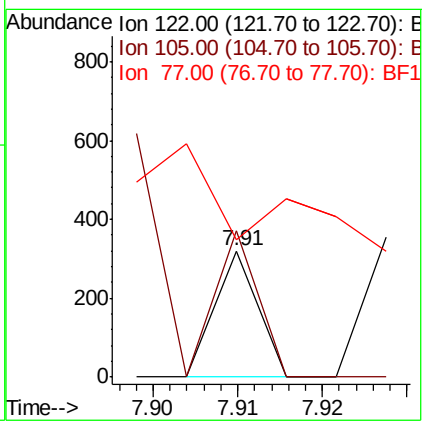


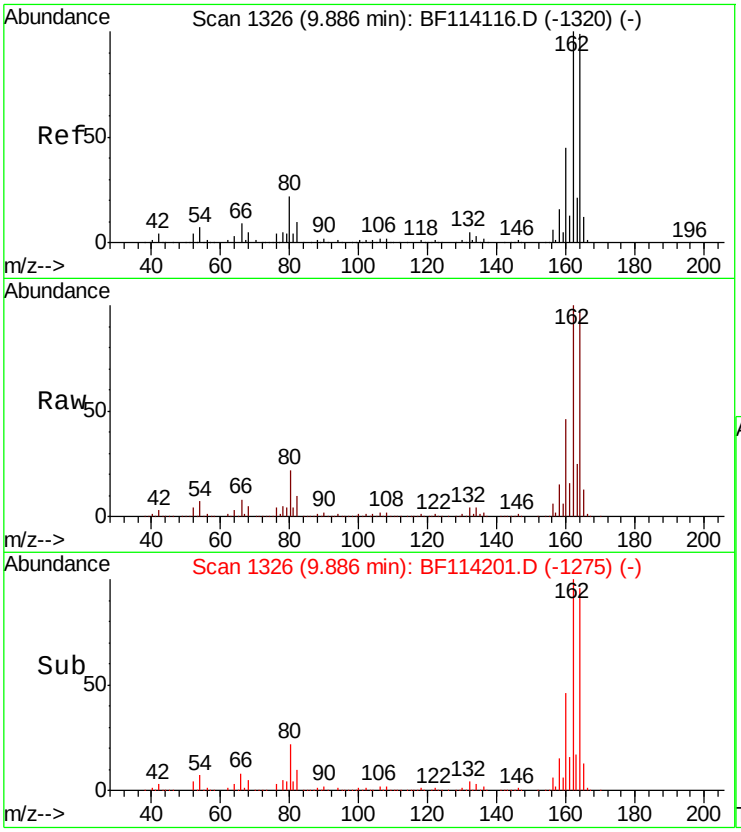


#32
Benzoic acid
Concen: 7.031 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	116.3	99.9	139.9
77	108.8	69.4	109.4



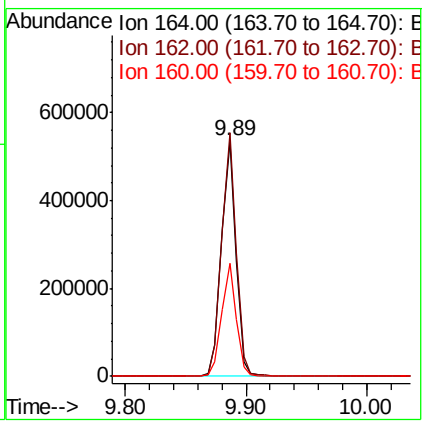


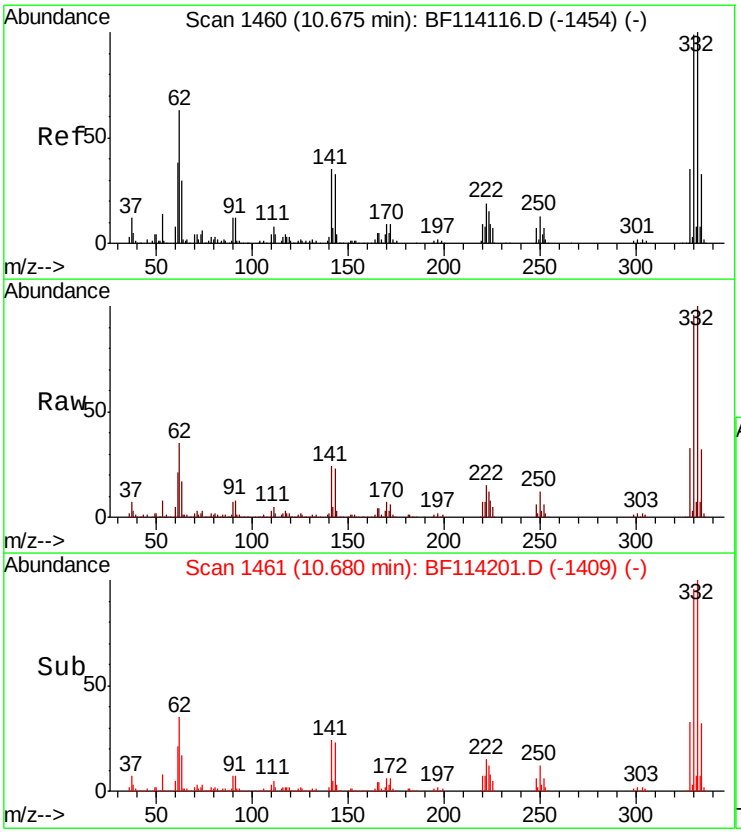
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:164 Resp: 444712

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	120.8
160	47.9	36.5	54.7

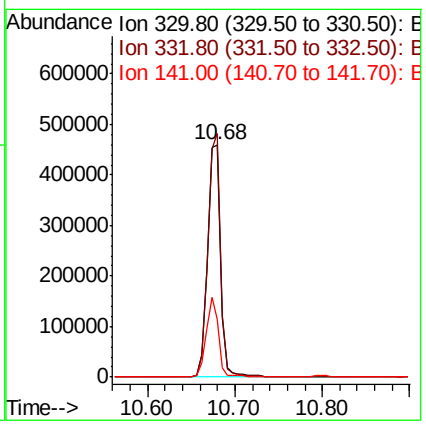


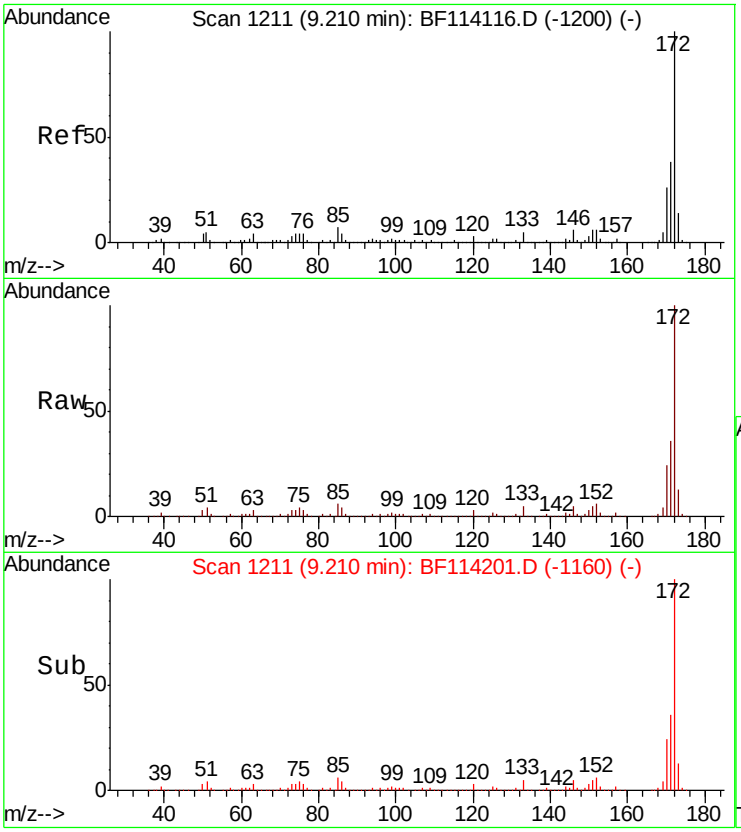


#42
2,4,6-Tribromophenol
Concen: 103.920 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:330 Resp: 477782

Ion	Ratio	Lower	Upper
330	100		
332	101.6	81.4	122.2
141	31.4	26.6	40.0



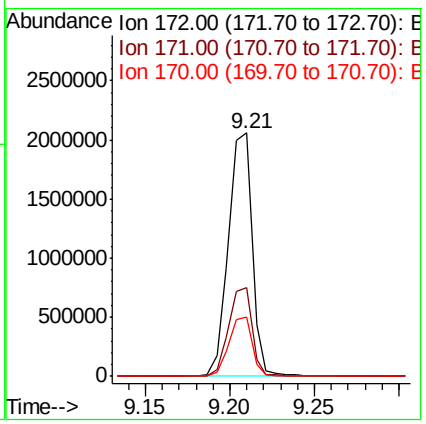


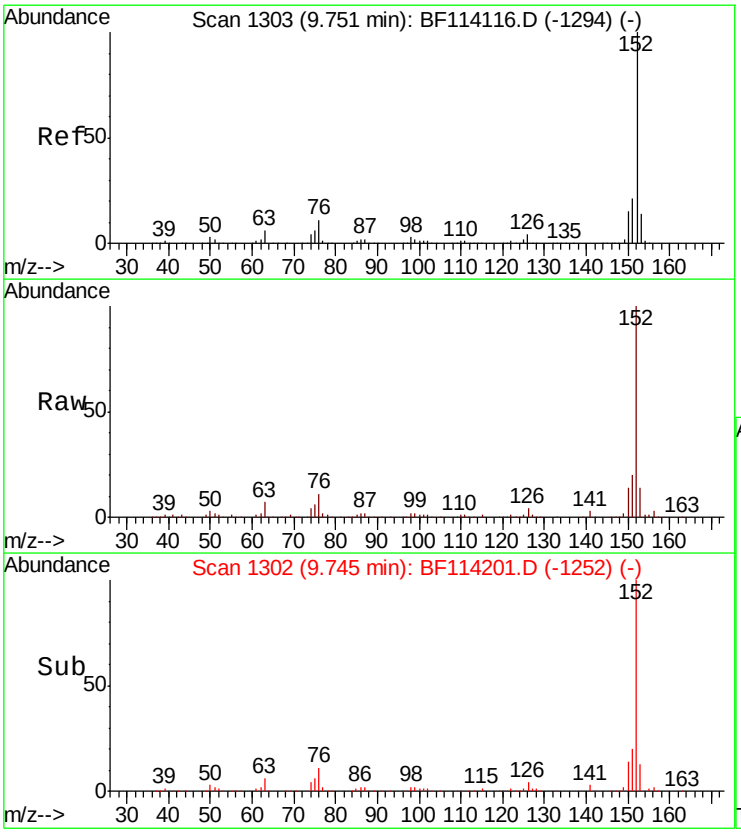
#45
2-Fluorobiphenyl
Concen: 68.676 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:172 Resp: 2019008

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.7	46.1
170	24.2	20.5	30.7

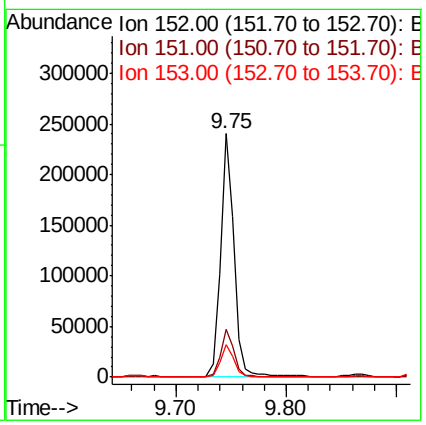


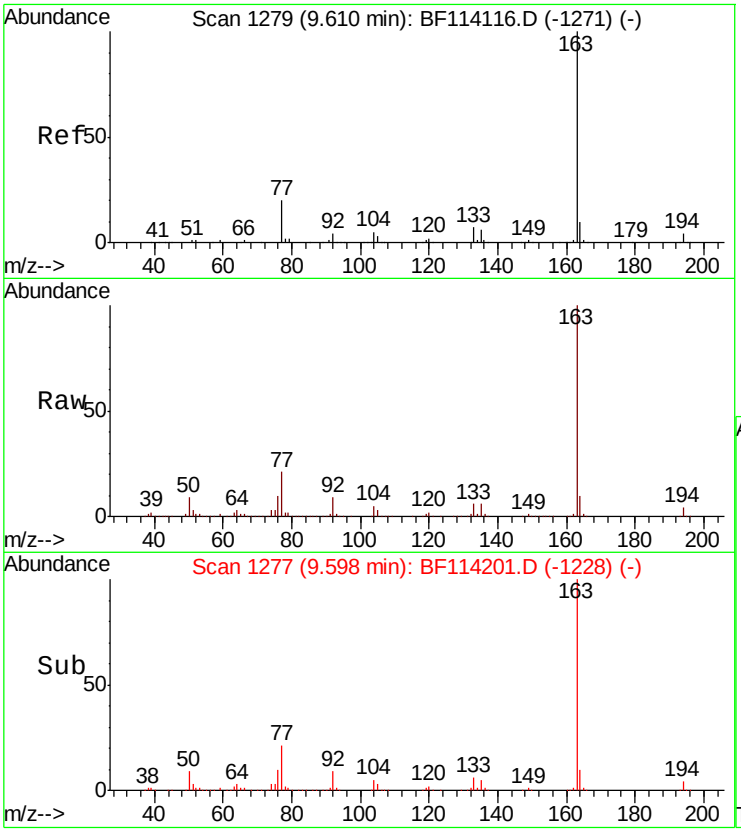


#49
Acenaphthylene
Concen: 4.593 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:152 Resp: 201965

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.8	25.2
153	13.5	11.4	17.2



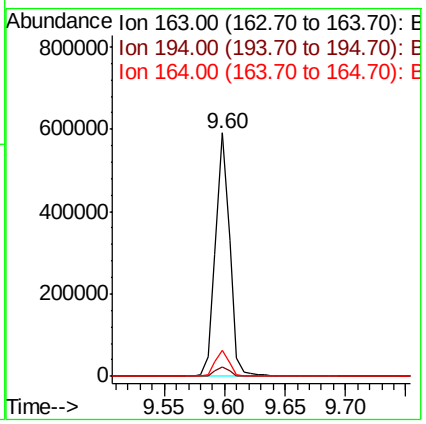


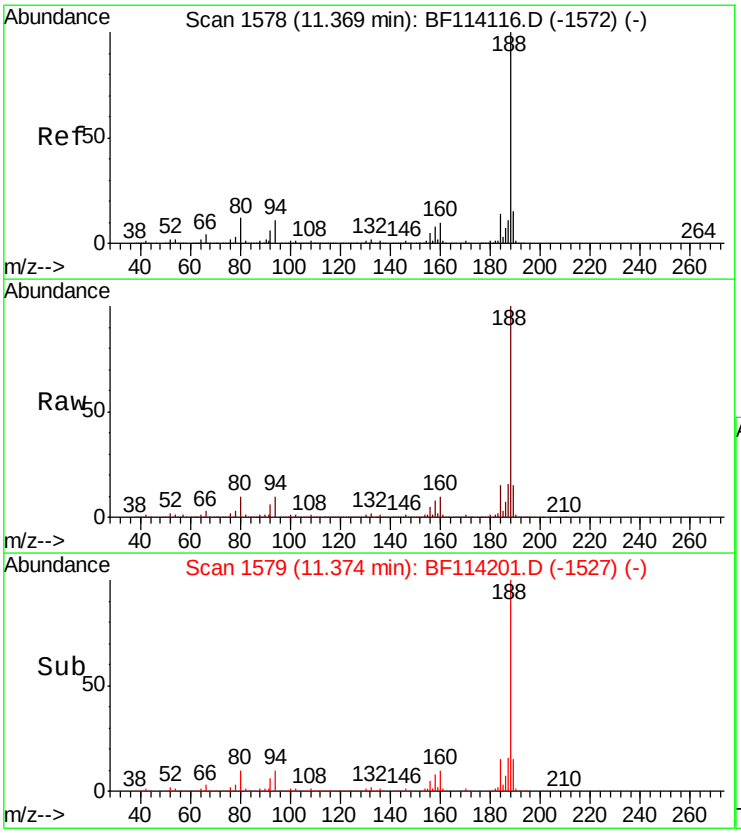
#50
Dimethylphthalate
Concen: 14.588 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:163 Resp: 476229

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.4	8.2	12.2

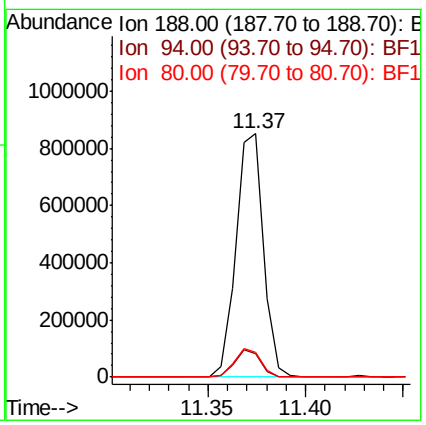


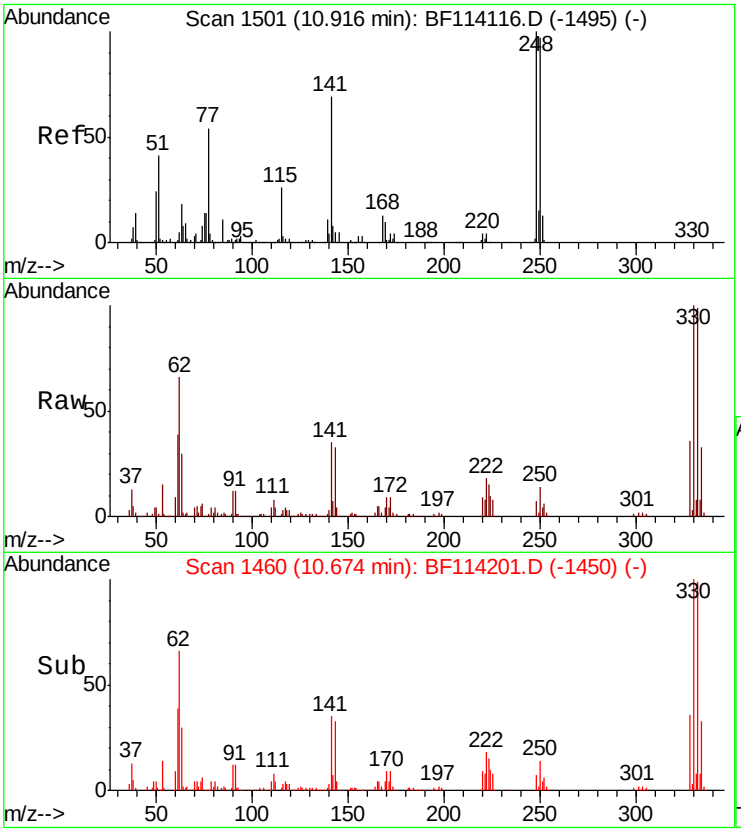


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:188 Resp: 826218

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	10.0	9.2	13.8



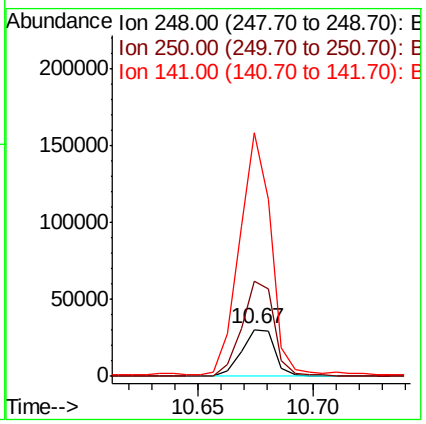


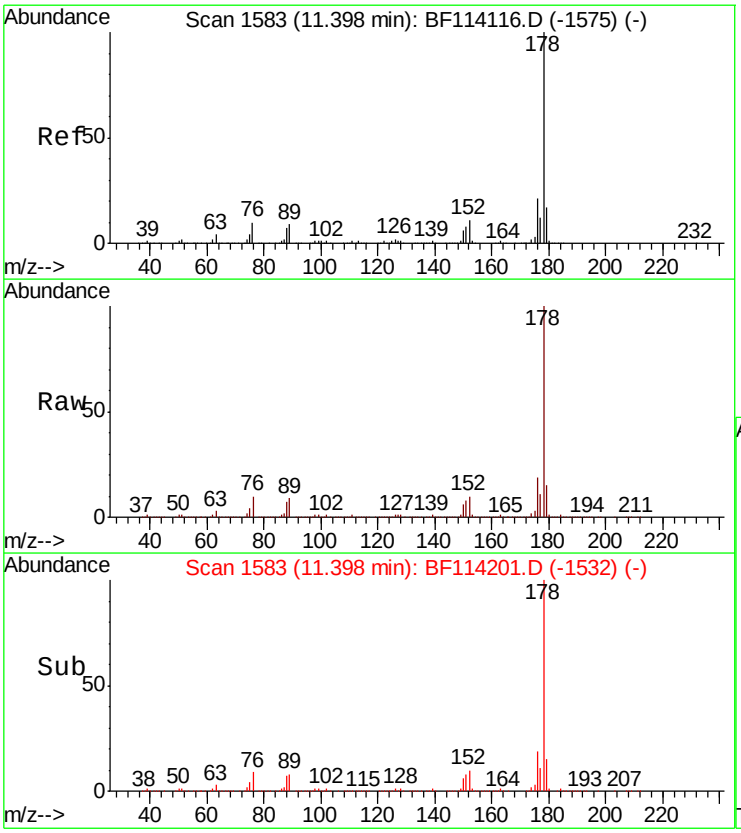
#67
4-Bromophenyl-phenylether
Concen: 3.353 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:248 Resp: 30503

Ion	Ratio	Lower	Upper
248	100		
250	202.7	77.4	116.2#
141	521.9	55.6	83.4#

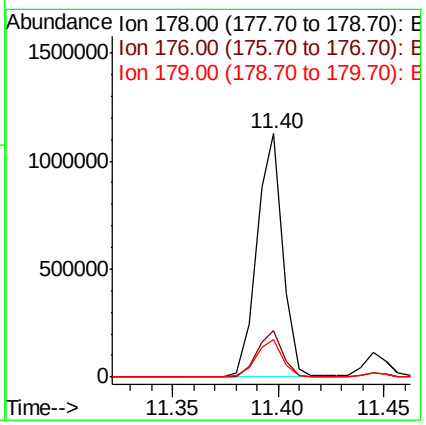


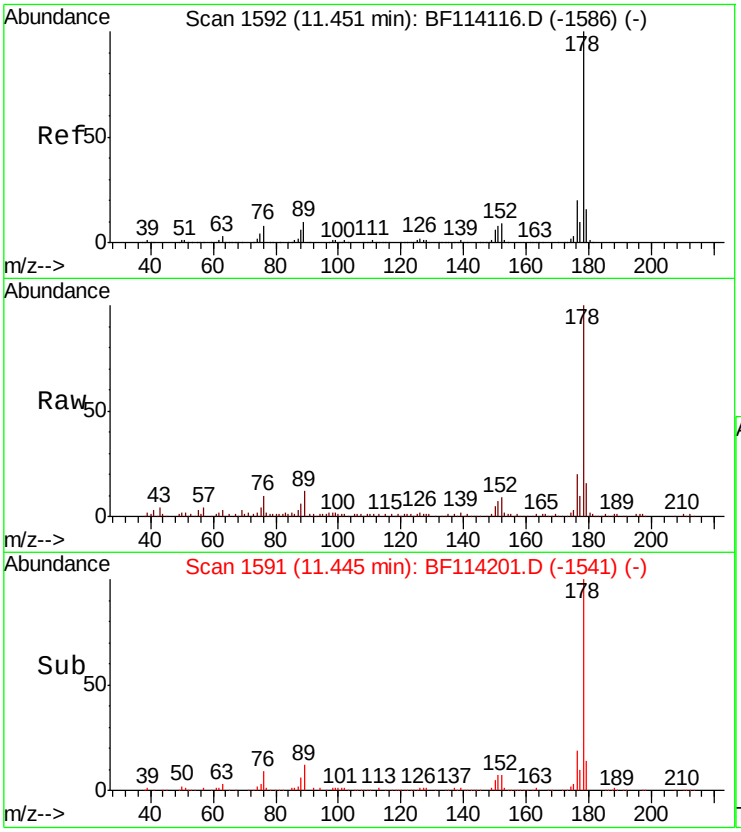


#71
Phenanthrene
Concen: 23.816 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:178 Resp: 957333

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.4	24.6
179	15.4	13.2	19.8



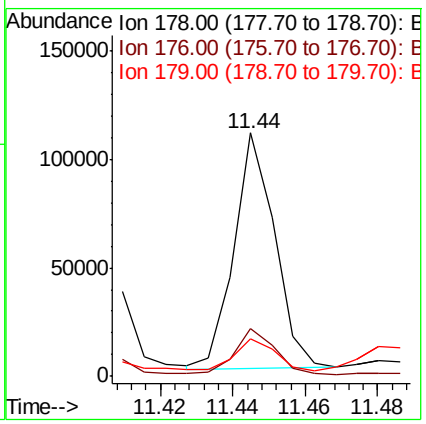


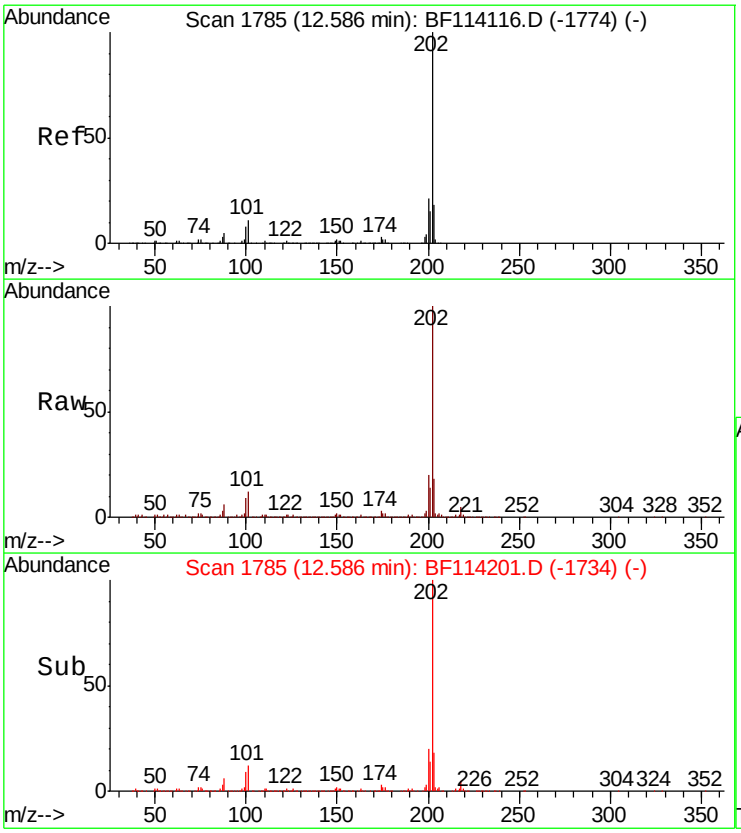
#72
Anthracene
Concen: 2.109 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:178 Resp: 85156

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.4

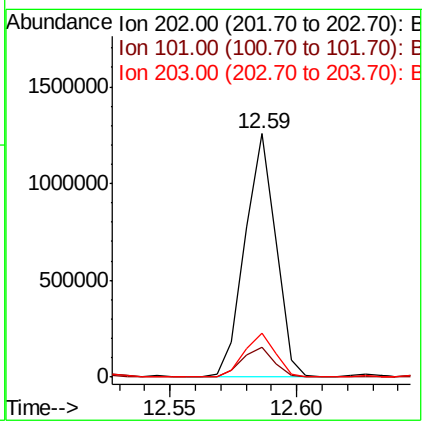


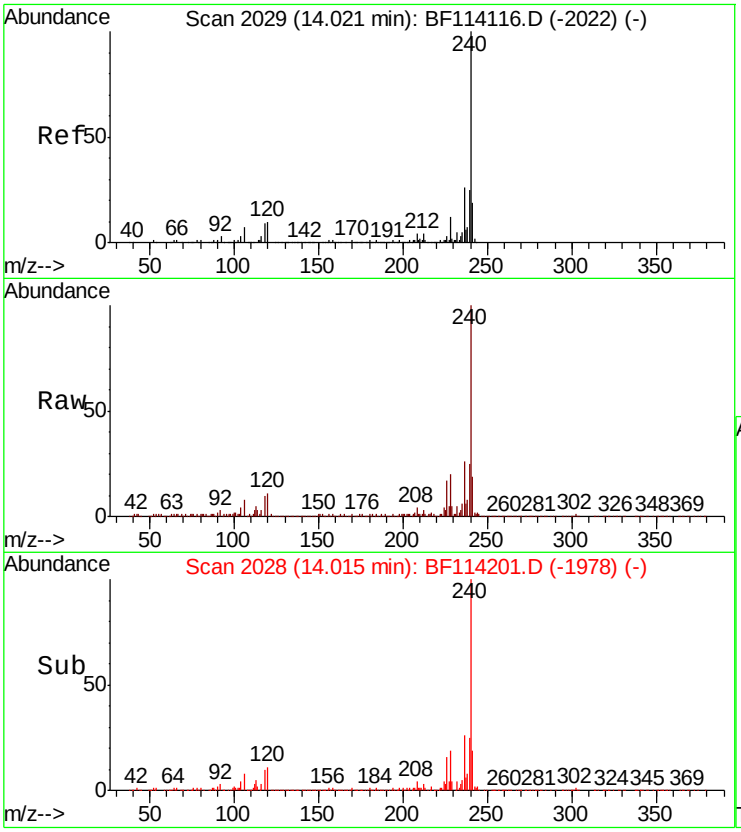


#75
Fluoranthene
Concen: 24.649 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:202 Resp: 1066955

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.0
203	18.1	0.0	38.4



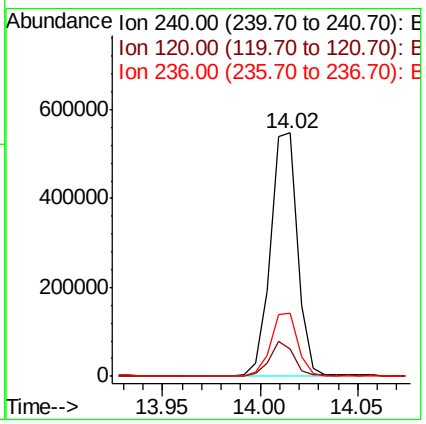


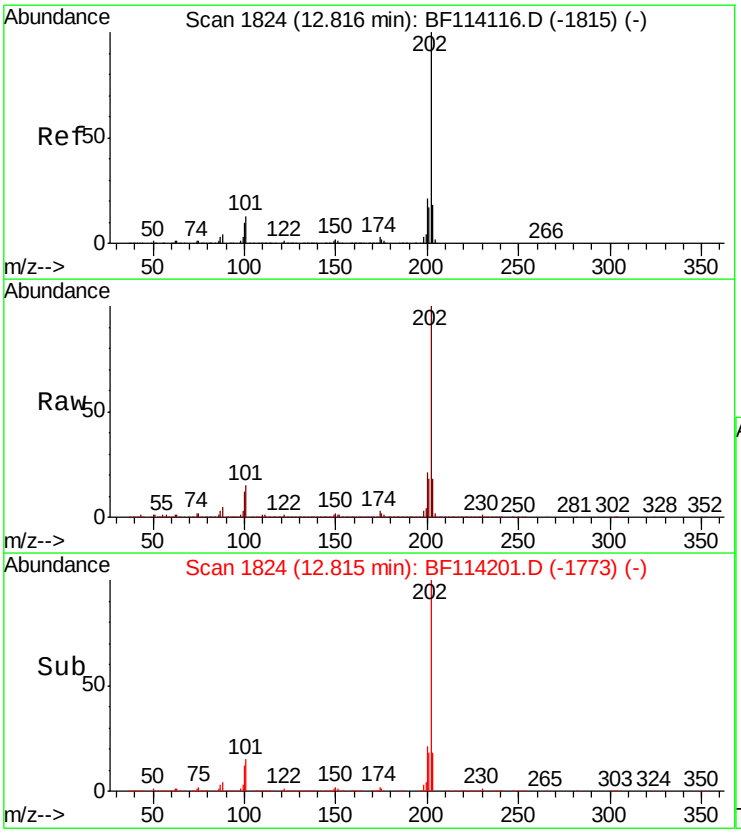
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:240 Resp: 524324

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.9	20.8	31.2

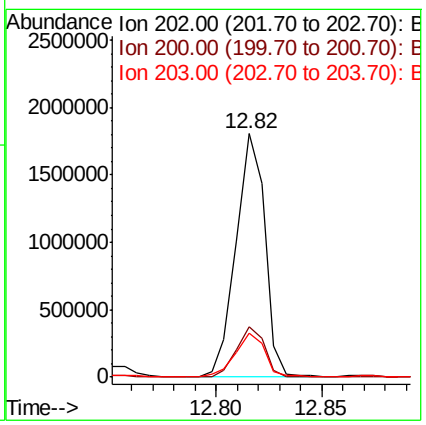


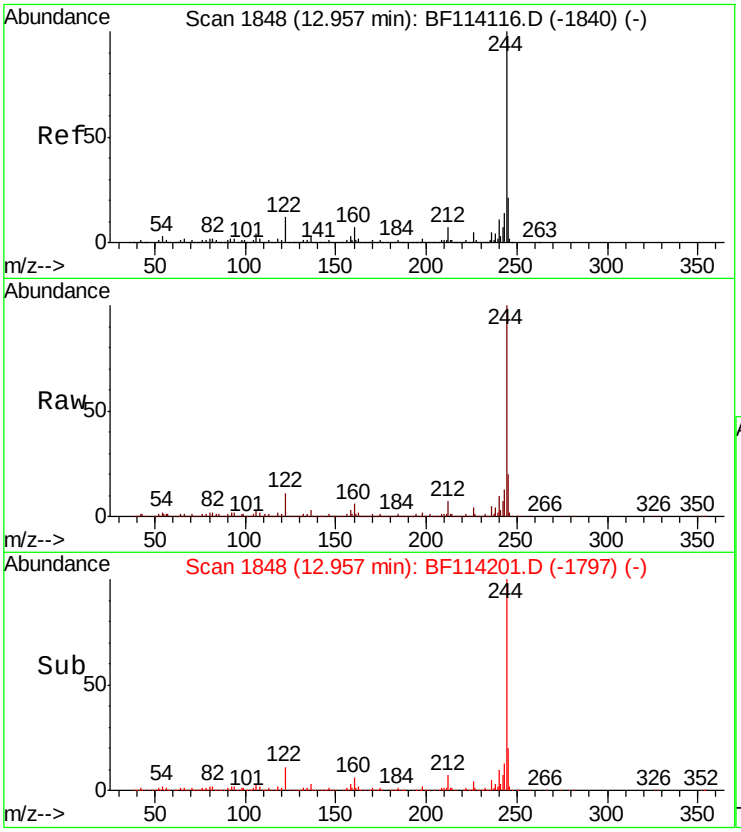


#78
Pyrene
Concen: 40.375 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:202 Resp: 1702997

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	18.1	14.5	21.7



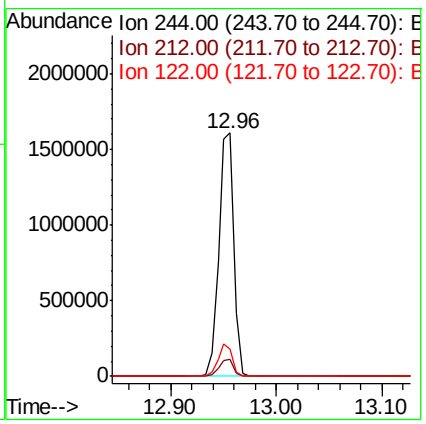


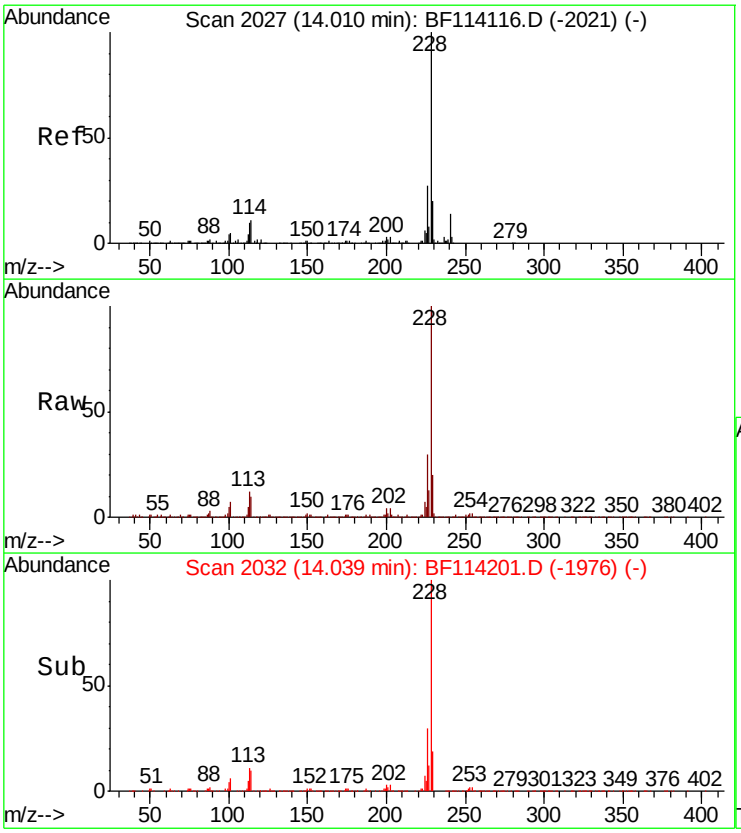
#79
Terphenyl-d14
Concen: 63.089 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:244 Resp: 1604660

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.0	9.4	14.2

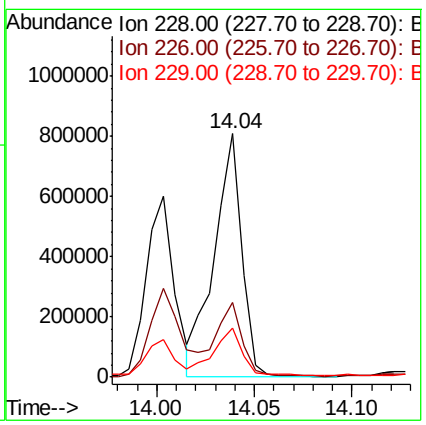


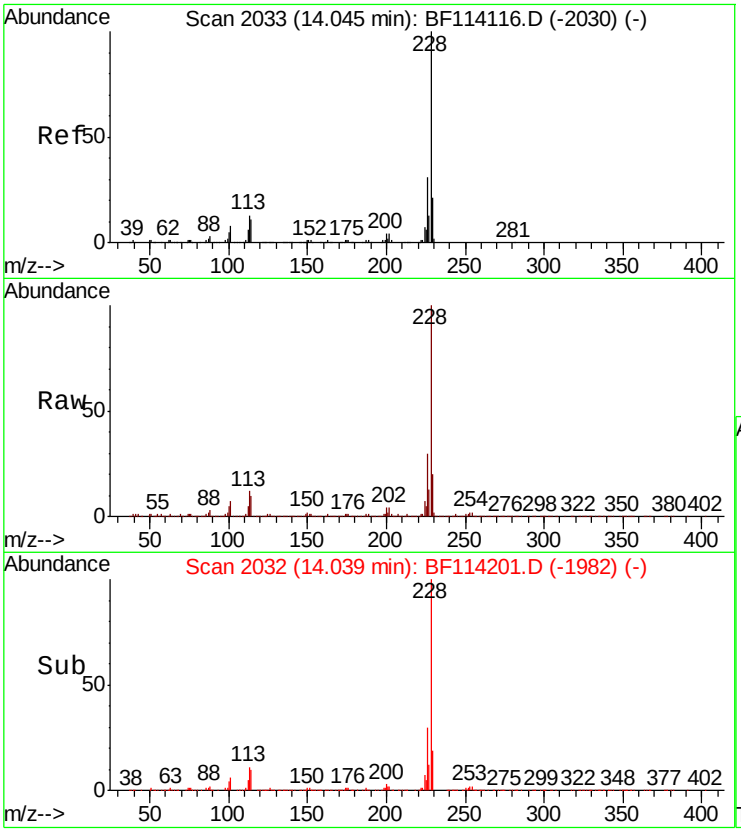


#81
Benzo(a)anthracene
Concen: 23.292 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:228 Resp: 789907

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



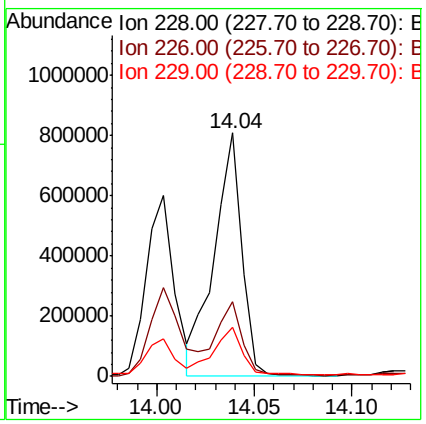


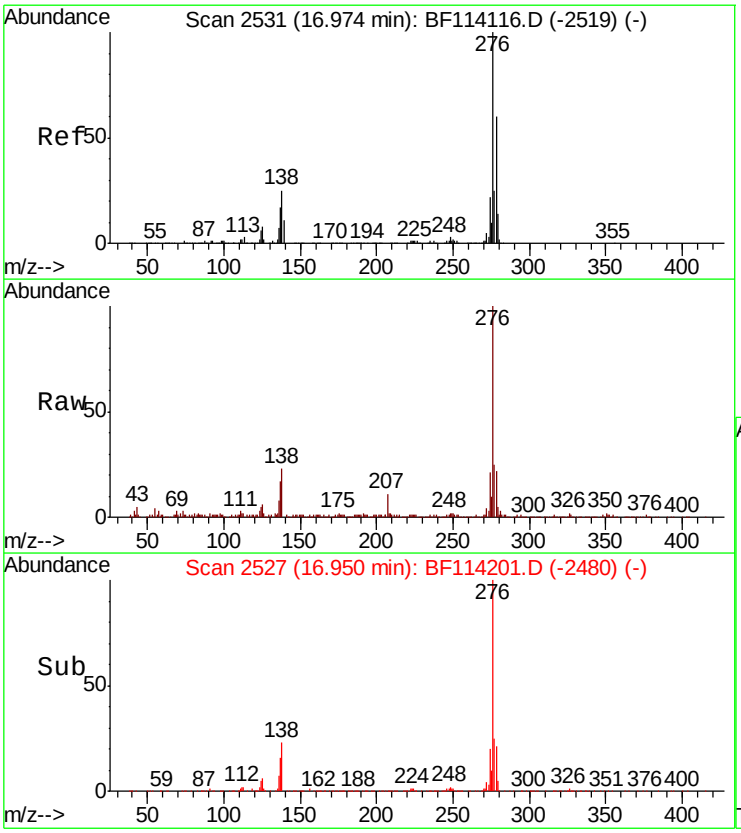
#83
Chrysene
Concen: 23.761 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:228 Resp: 789907

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

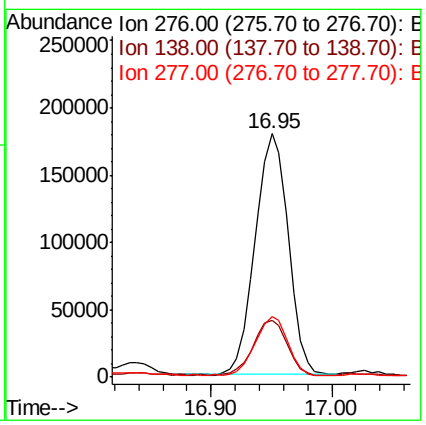


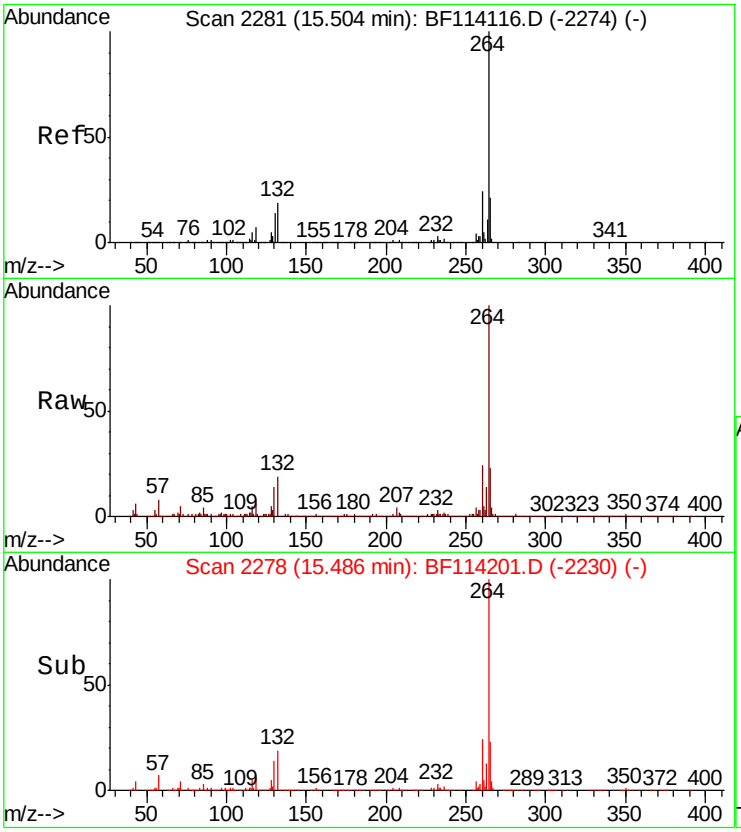


#86
Indeno(1,2,3-cd)pyrene
Concen: 11.580 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:276 Resp: 340242

Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.2	30.2
277	24.3	20.0	30.0



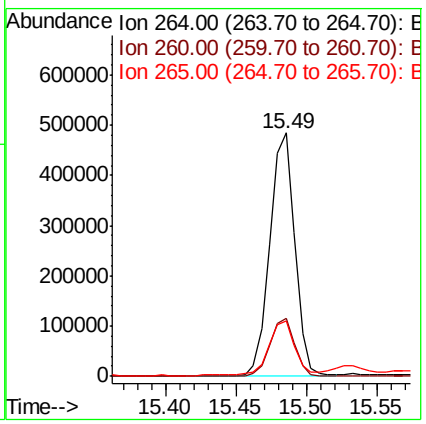


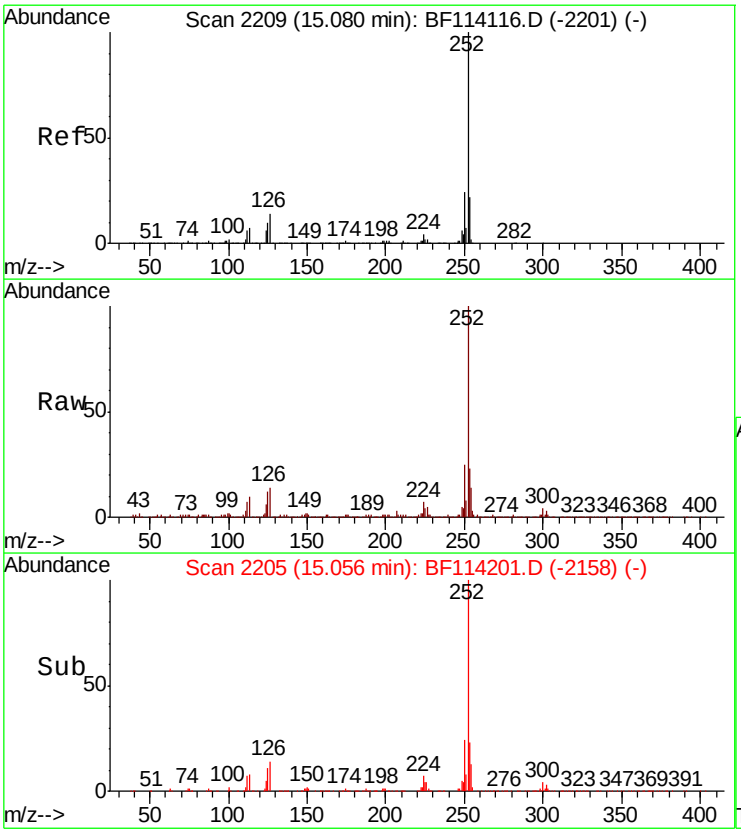
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:264 Resp: 603840

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	23.0	16.9	25.3

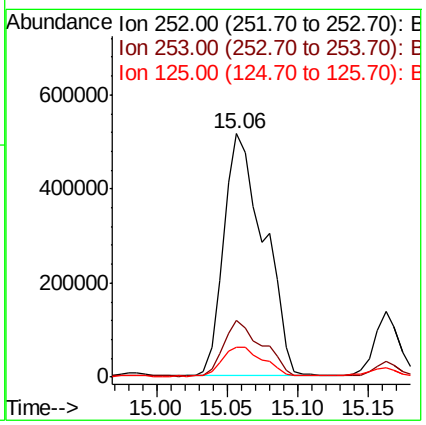


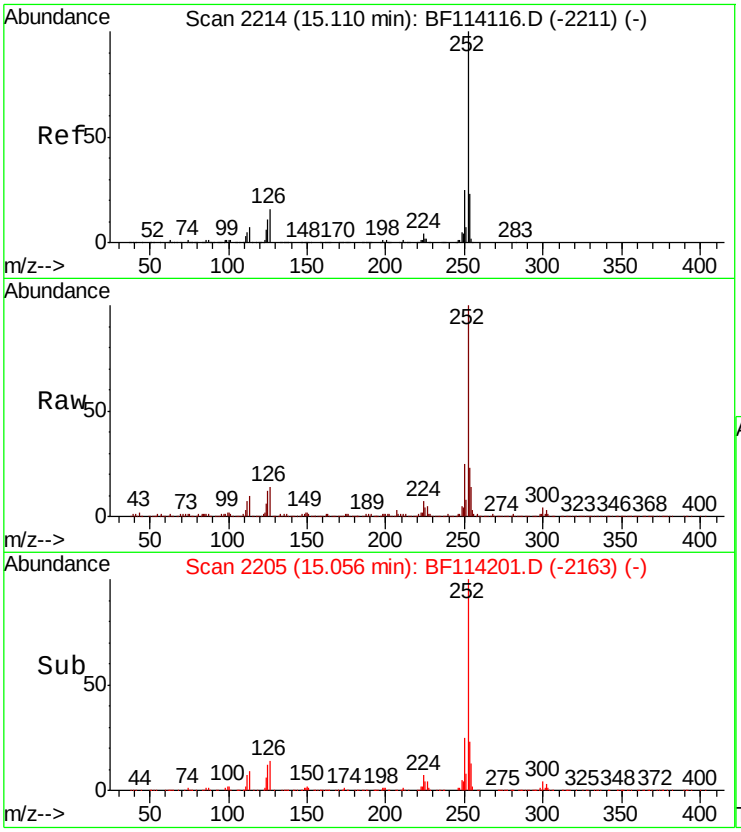


#88
Benzo(b)fluoranthene
Concen: 26.434 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:252 Resp: 1022592

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	12.2	8.3	12.5



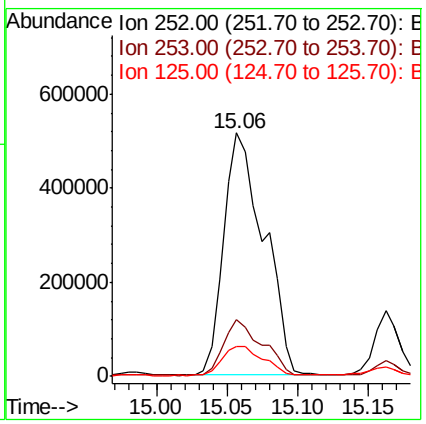


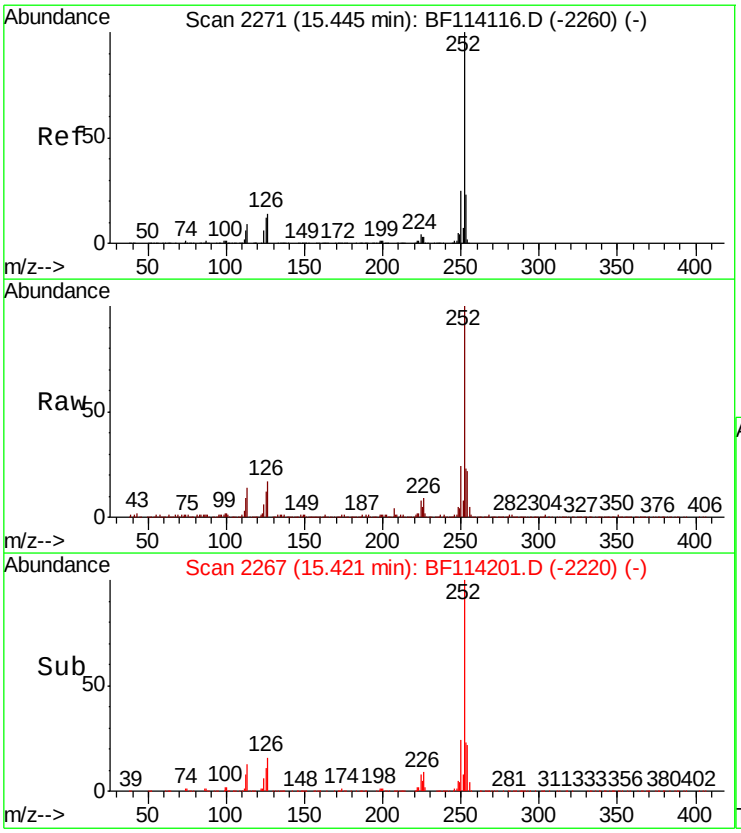
#89
Benzo(k)fluoranthene
Concen: 28.776 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.05 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:252 Resp: 1022592

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	12.2	8.6	13.0

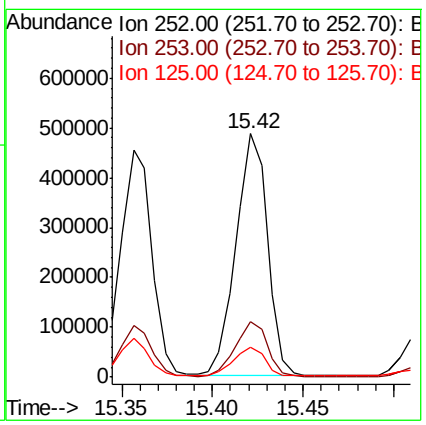


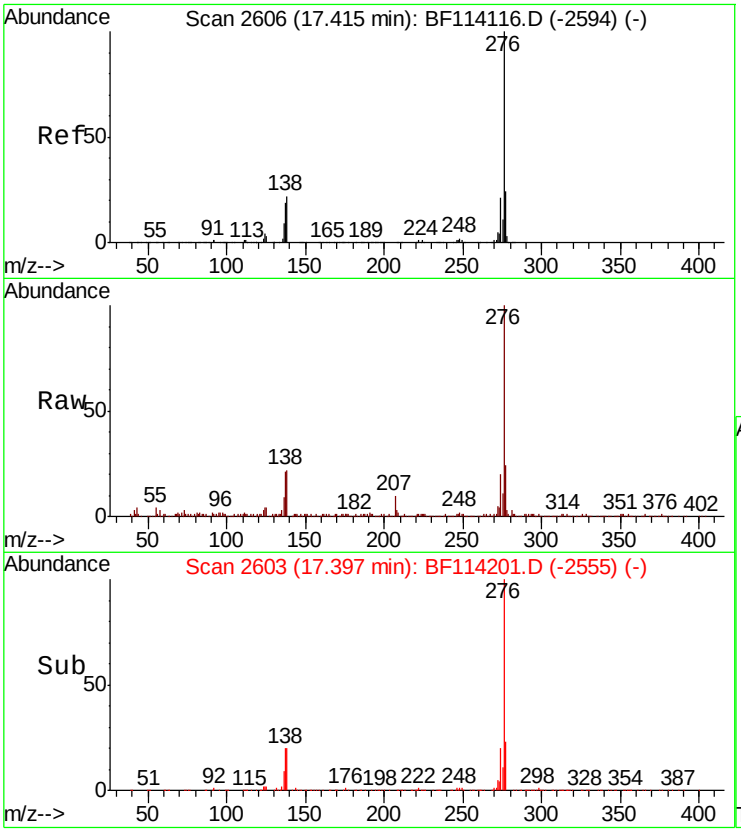


#90
Benzo(a)pyrene
Concen: 17.335 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Tgt Ion:252 Resp: 590200

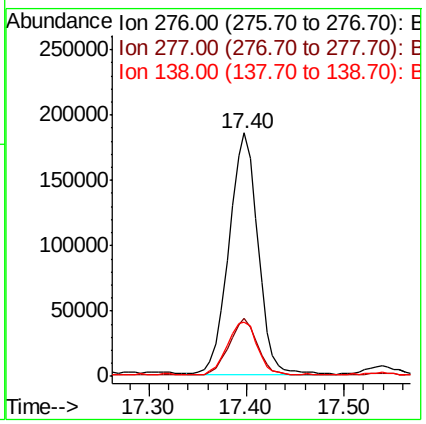
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.4	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 13.412 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF114201.D
Acq: 12 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
P026-SS016-0206-01

Tgt Ion:276 Resp: 380254

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	22.0	17.8	26.6