Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114178.D
Acq On : 12 May 2019 2:38
Operator : JU/SJ
Sample : K2765-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-1824-01

Quant Time: May 12 05:59:27 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	293319	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1092132	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	510450	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1011144	20.00	ng		0.00
76) Chrysene-d12	14.01	240	634558	20.00	ng		-0.01
87) Perylene-d12	15.48	264	773405	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2034820	111.64	ng		0.00
7) Phenol-d6	6.49	99	2723871	126.35	ng		0.00
23) Nitrobenzene-d5	7.41	82	1674028	86.02	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	623812	118.21	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2323375	68.85	ng		0.00
79) Terphenyl-d14	12.95	244	2075339	67.42	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	225914	16.533	ng	#	76
25) Isophorone	7.41	82	1656662	45.901	ng	#	64
32) Benzoic acid	7.93	122	260	7.041	ng	#	35
49) Acenaphthylene	9.75	152	239347	4.742	ng		98
50) Dimethylphthalate	9.60	163	457984	12.222	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	39385	3.538	ng	#	1
71) Phenanthrene	11.39	178	589448	11.982	ng		97
72) Anthracene	11.45	178	120782	2.444	ng		97
75) Fluoranthene	12.58	202	1219991	23.030	ng		98
78) Pyrene	12.82	202	2027128	39.711	ng		99
81) Benzo(a)anthracene	14.03	228	898298	21.887	ng		97
83) Chrysene	14.03	228	898298	22.327	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	487044	13.697	ng		96
88) Benzo(b)fluoranthene	15.06	252	1275173	25.736	ng		98
89) Benzo(k)fluoranthene	15.06	252	1275173	28.016	ng		98
90) Benzo(a)pyrene	15.42	252	719866	16.508	ng		99
91) Dibenzo(a,h)anthracene	17.12	278	78377	2.163	ng		93
92) Benzo(g,h,i)perylene	17.39	276	548762	15.112	ng		99

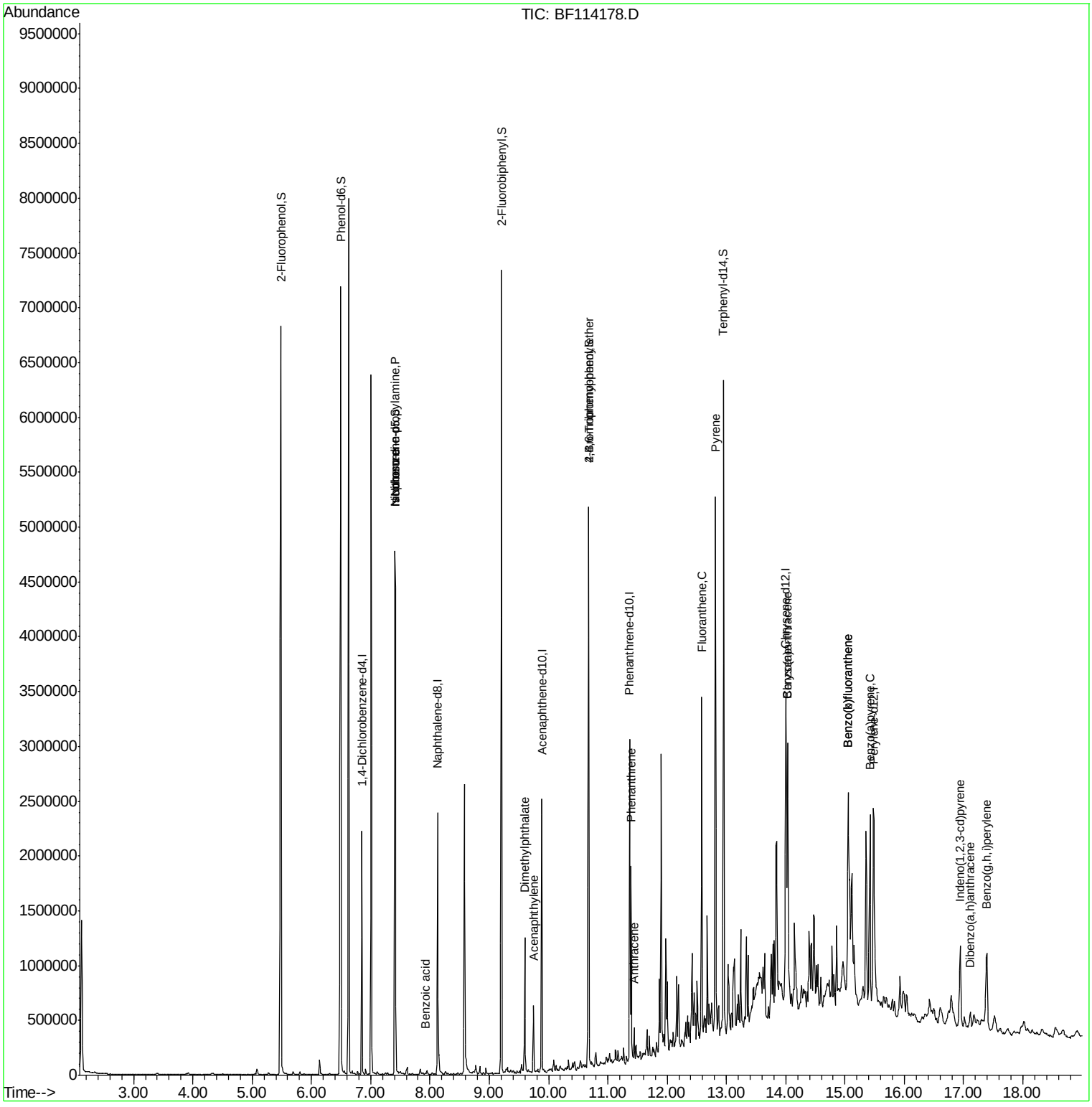
(#) = qualifier out of range (m) = manual integration (+) = signals summed

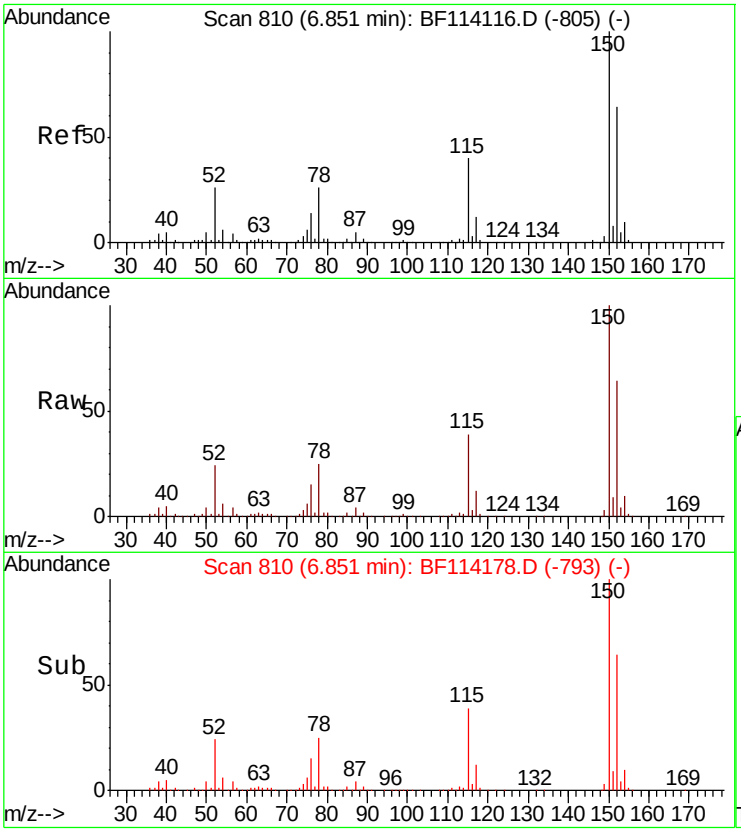
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114178.D
Acq On : 12 May 2019 2:38
Operator : JU/SJ
Sample : K2765-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Quant Time: May 12 05:59:27 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



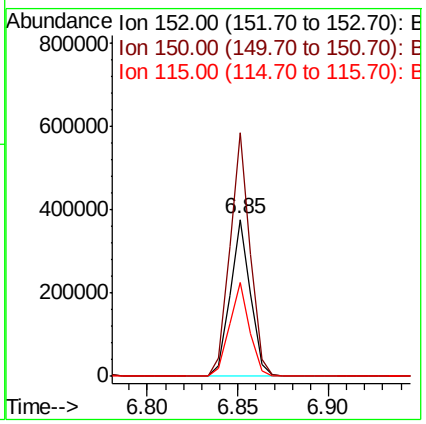


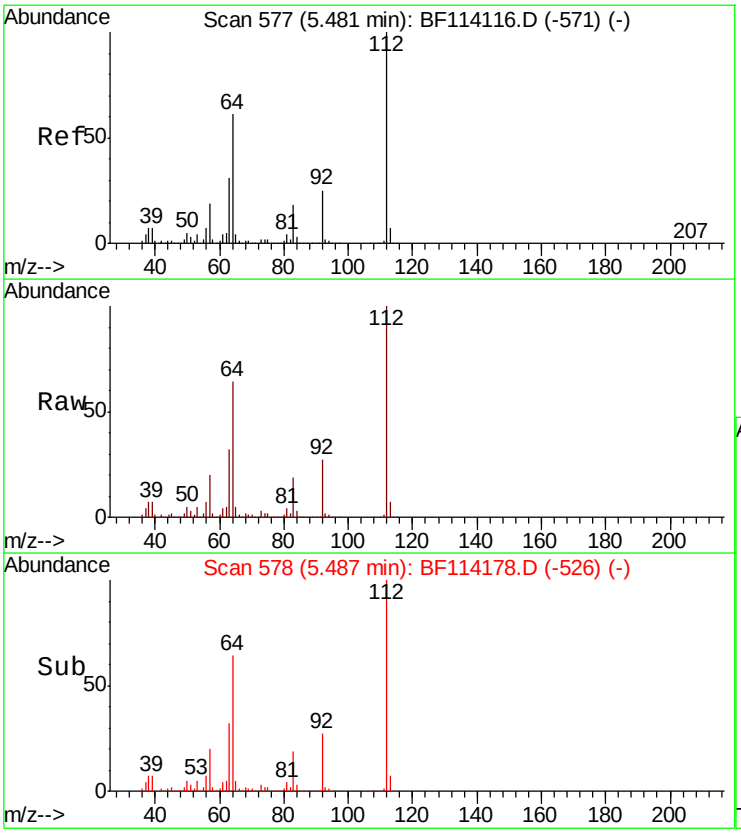
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:152 Resp: 293319

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.3	186.5
115	59.8	49.1	73.7

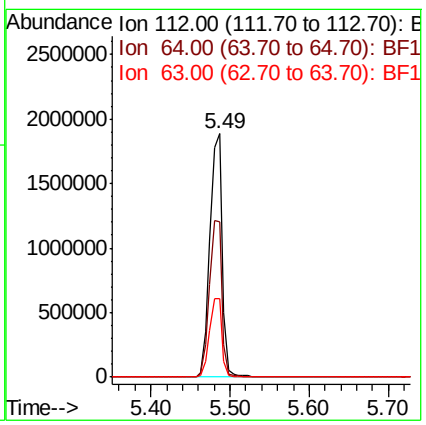


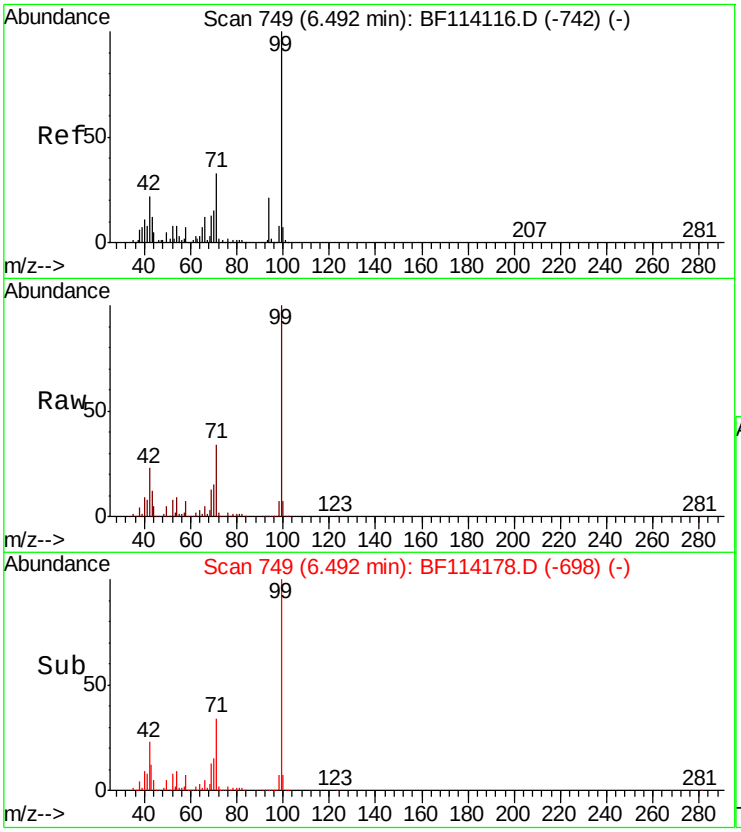


#5
2-Fluorophenol
Concen: 111.638 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:112 Resp: 2034820

Ion	Ratio	Lower	Upper
112	100		
64	63.9	49.0	73.6
63	32.3	24.6	37.0



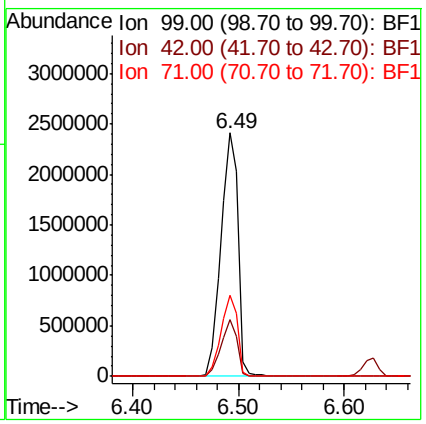


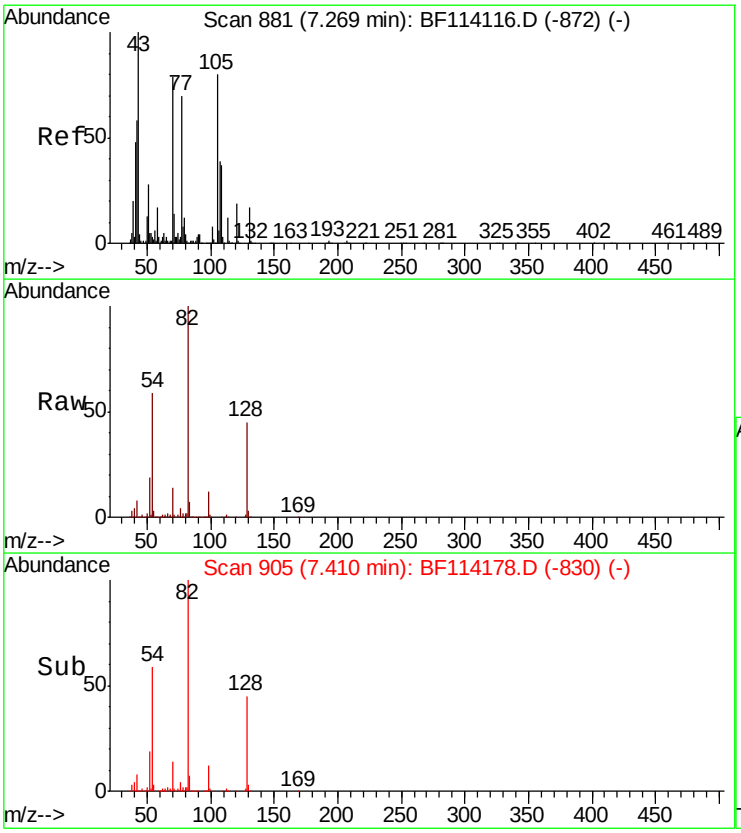
#7
Phenol-d6
Concen: 126.353 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion: 99 Resp: 2723871

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	33.5	26.2	39.2

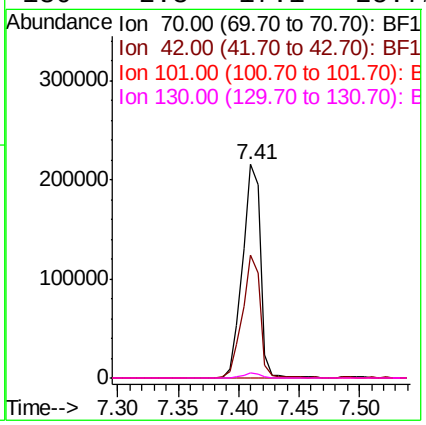


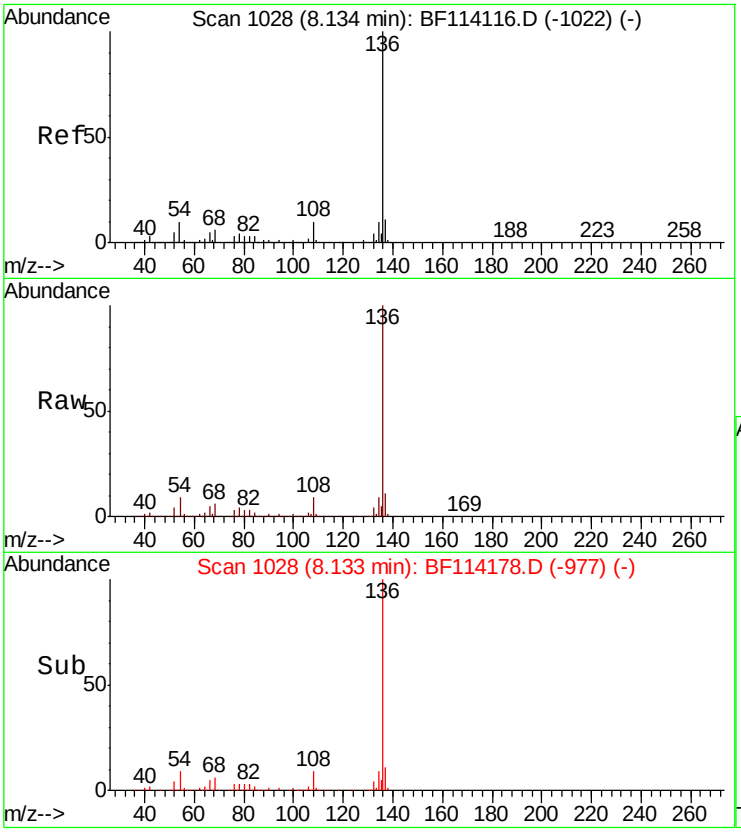


#19
n-Nitroso-di-n-propylamine
Concen: 16.533 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion: 70 Resp: 225914

Ion	Ratio	Lower	Upper
70	100		
42	57.4	58.6	87.8#
101	0.0	7.8	11.8#
130	2.3	17.1	25.7#



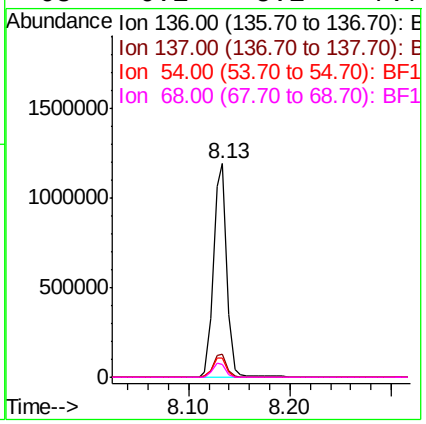


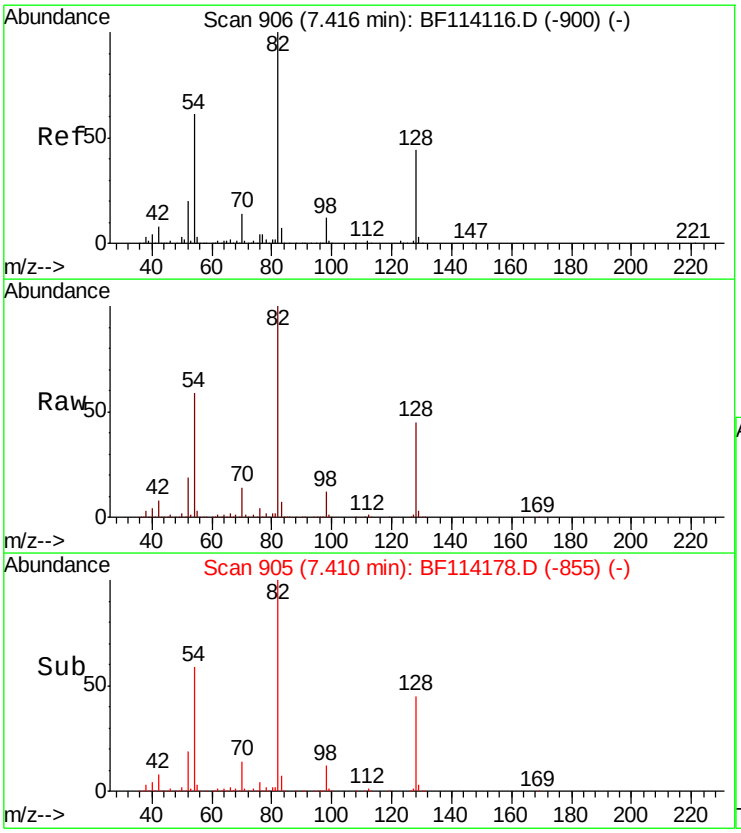
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:136 Resp: 1092132

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.7	7.8	11.8
68	6.1	5.1	7.7

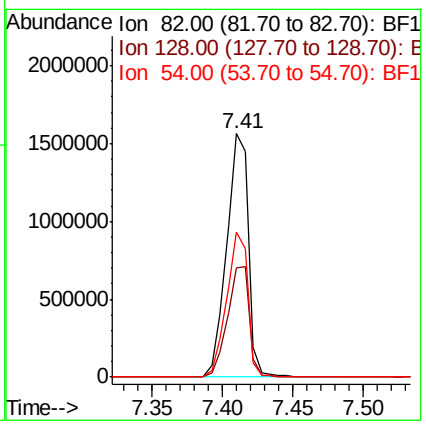


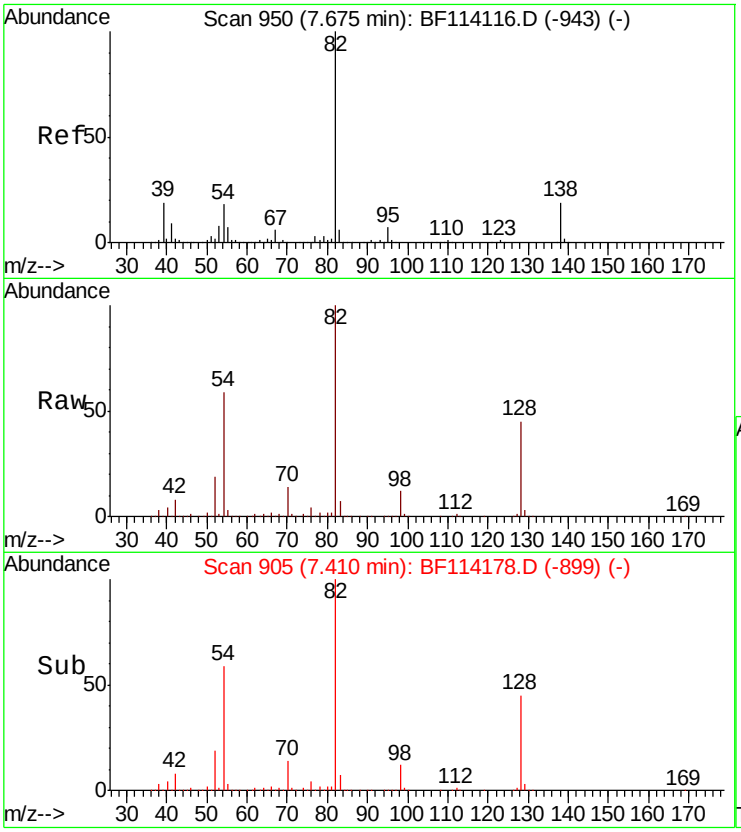


#23
Nitrobenzene-d5
Concen: 86.021 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion: 82 Resp: 1674028

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	59.5	48.5	72.7



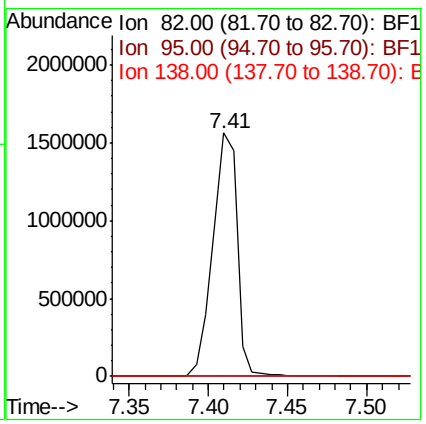


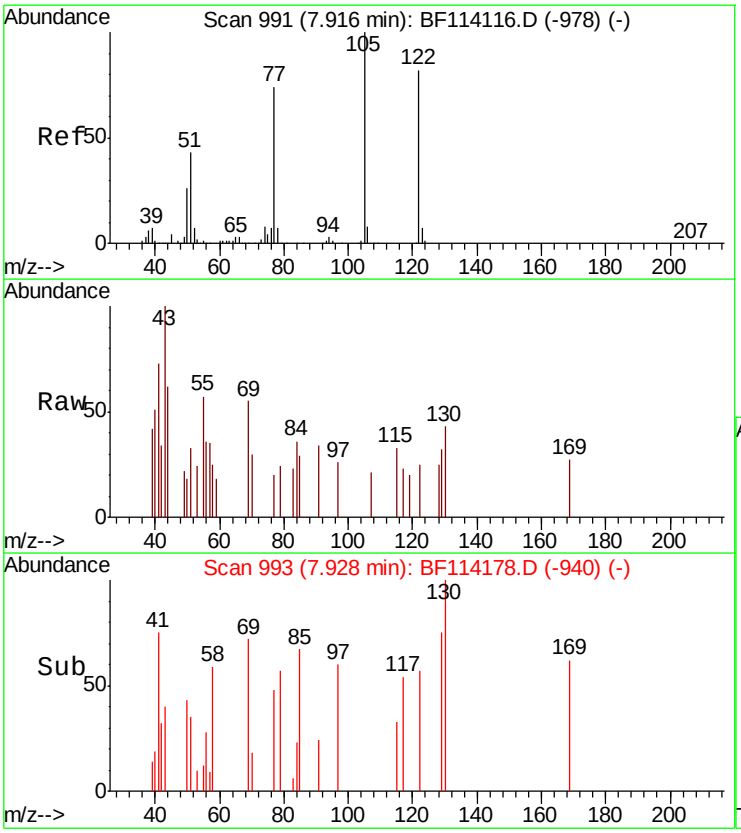
#25
Isophorone
Concen: 45.901 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion: 82 Resp: 1656662

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

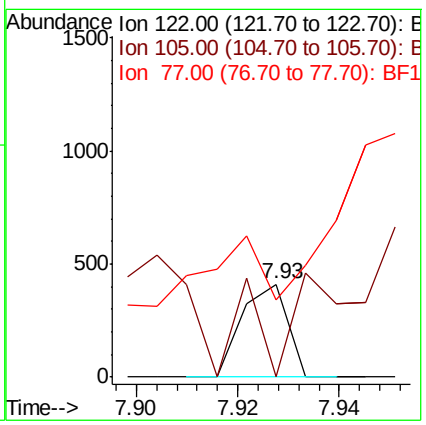


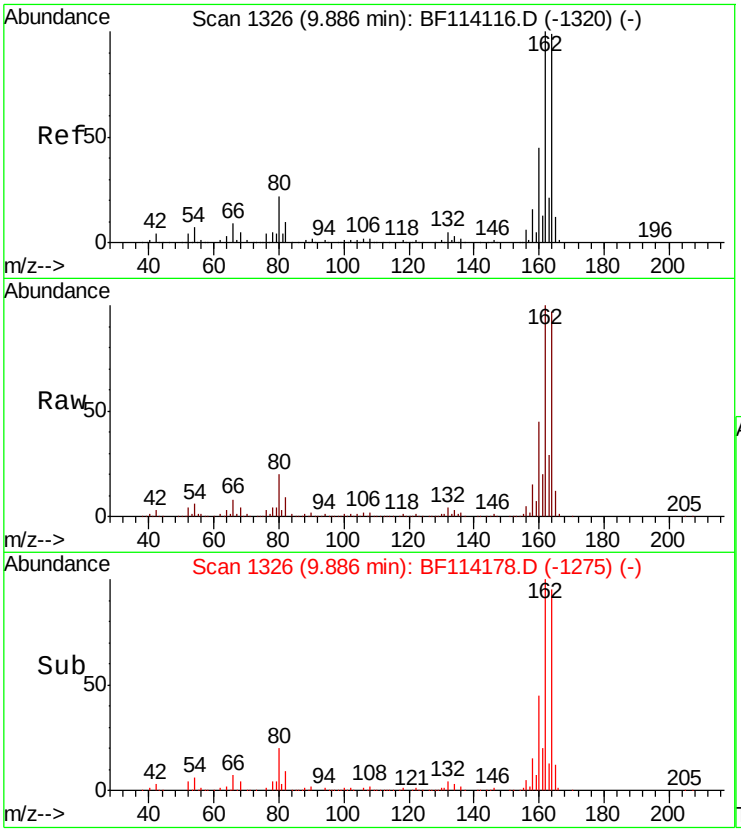


#32
Benzoic acid
Concen: 7.041 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:122 Resp: 260

Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	83.0	69.4	109.4



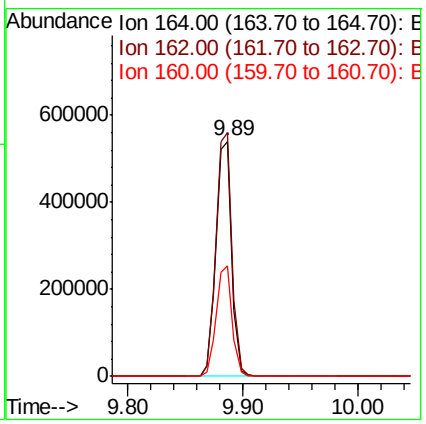


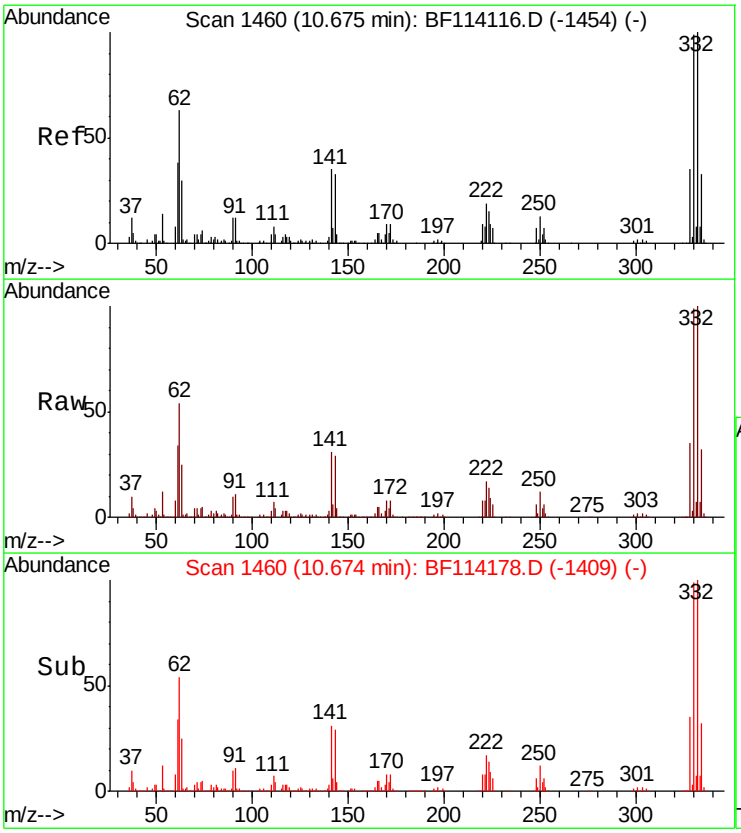
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:164 Resp: 510450

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	47.0	36.5	54.7

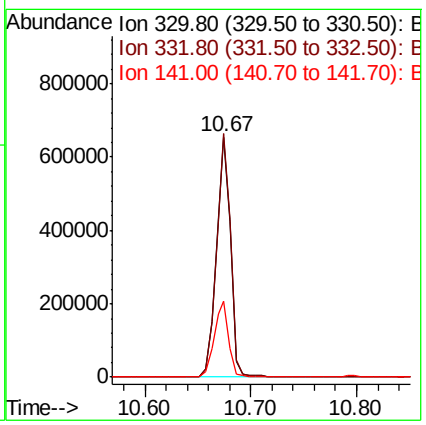


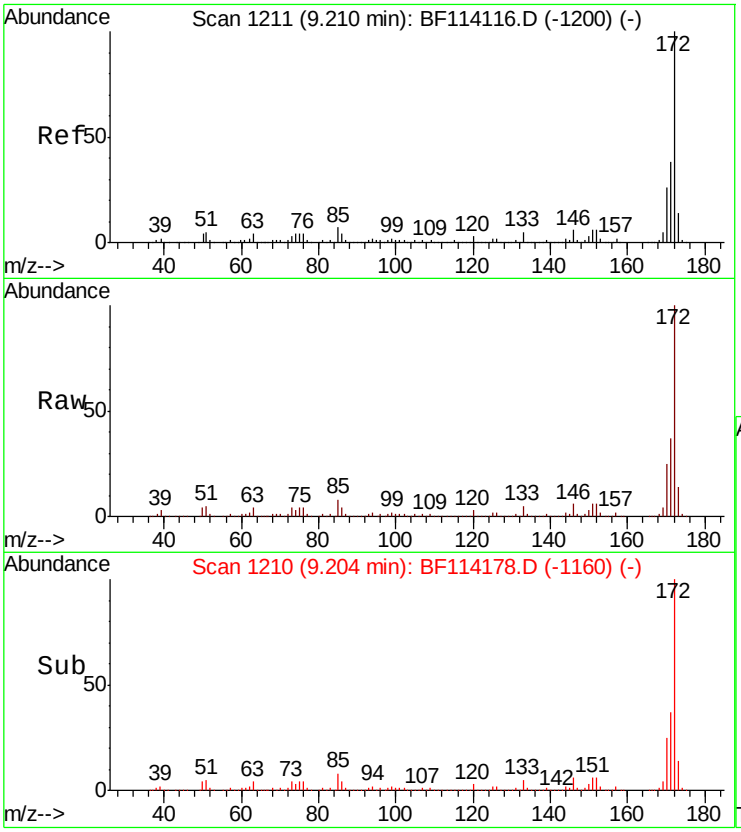


#42
2,4,6-Tribromophenol
Concen: 118.209 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:330 Resp: 623812

Ion	Ratio	Lower	Upper
330	100		
332	101.0	81.4	122.2
141	32.4	26.6	40.0



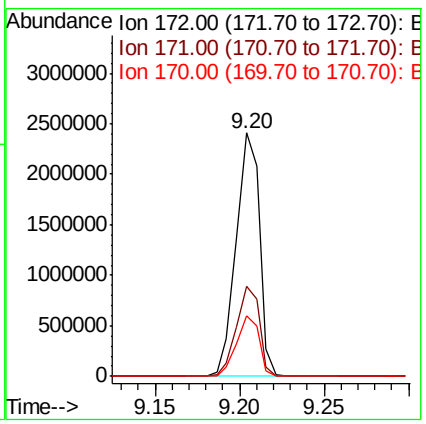


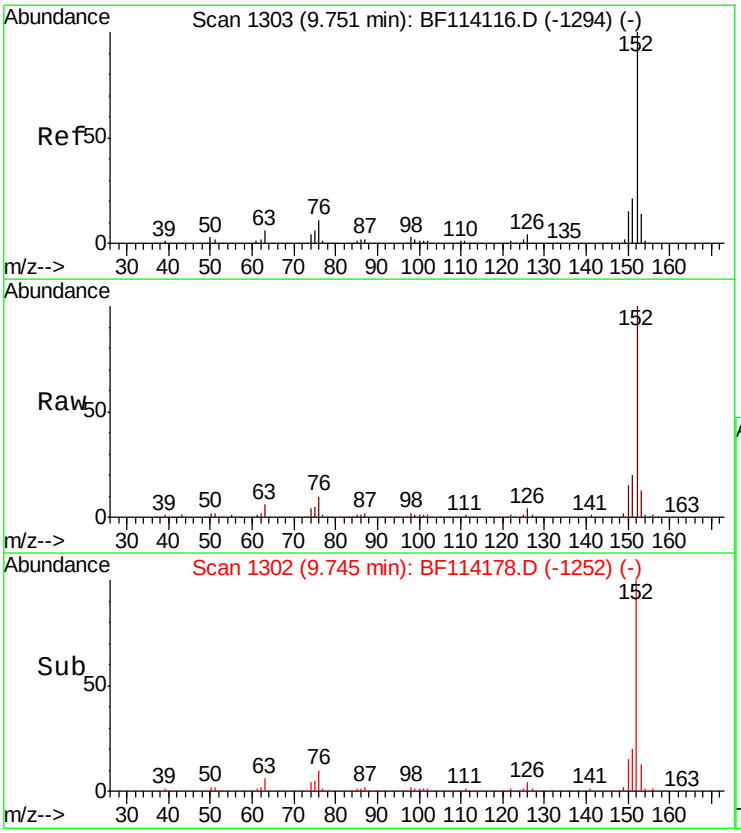
#45
2-Fluorobiphenyl
Concen: 68.851 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:172 Resp: 2323375

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.7	20.5	30.7

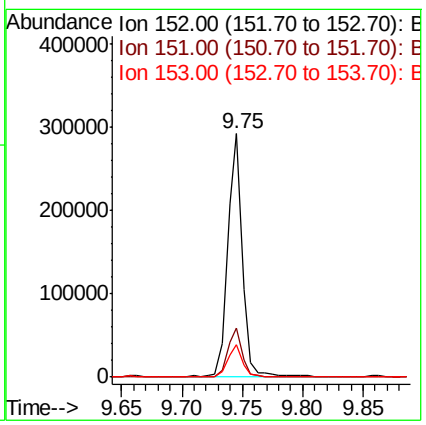


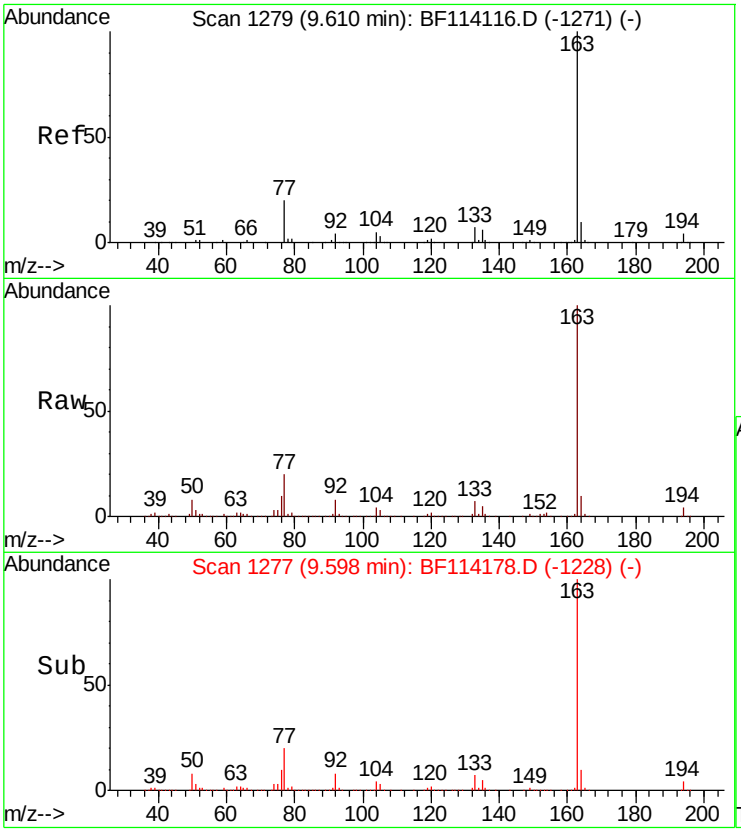


#49
Acenaphthylene
Concen: 4.742 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:152 Resp: 239347

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.2	11.4	17.2



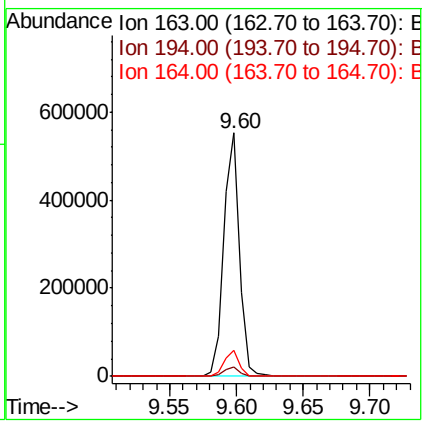


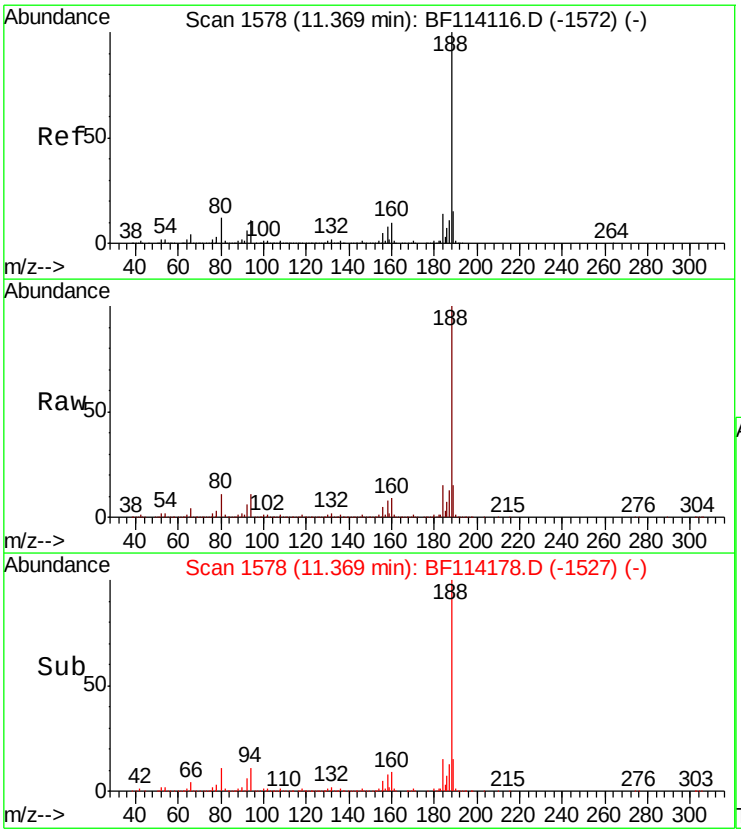
#50
Dimethylphthalate
Concen: 12.222 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:163 Resp: 457984

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.5	8.2	12.2

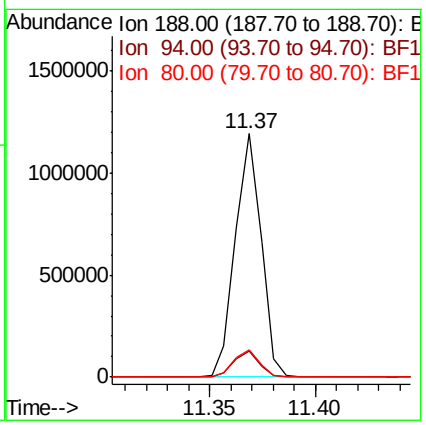


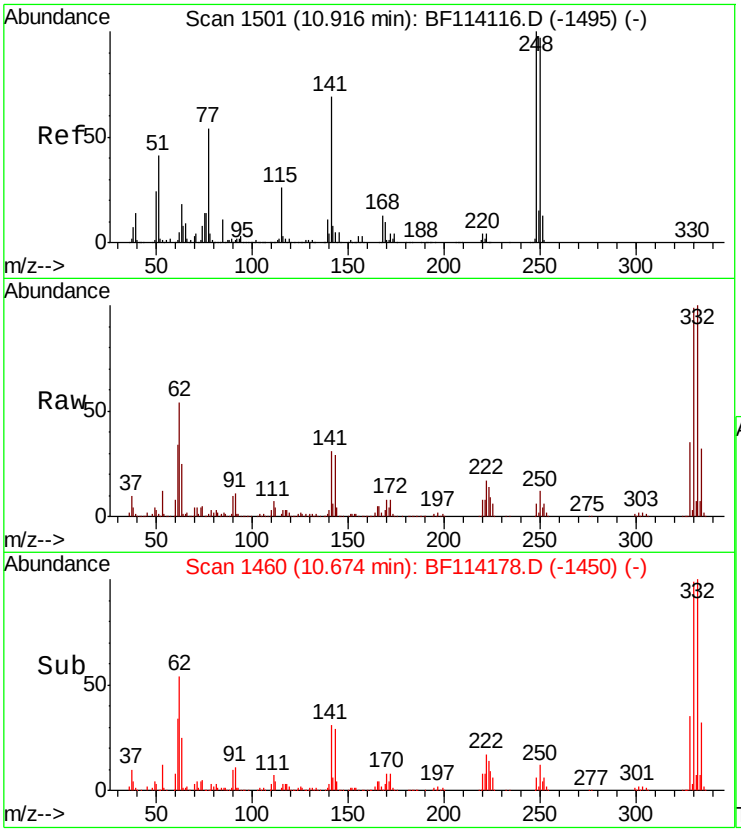


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:188 Resp: 1011144

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	11.1	9.2	13.8



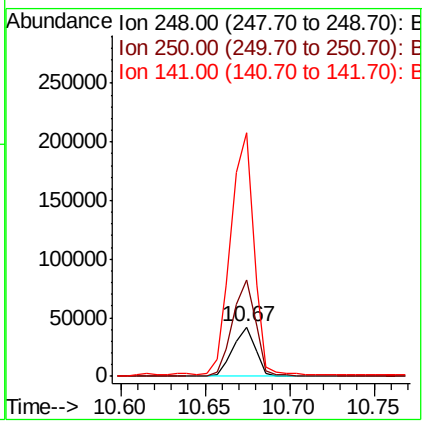


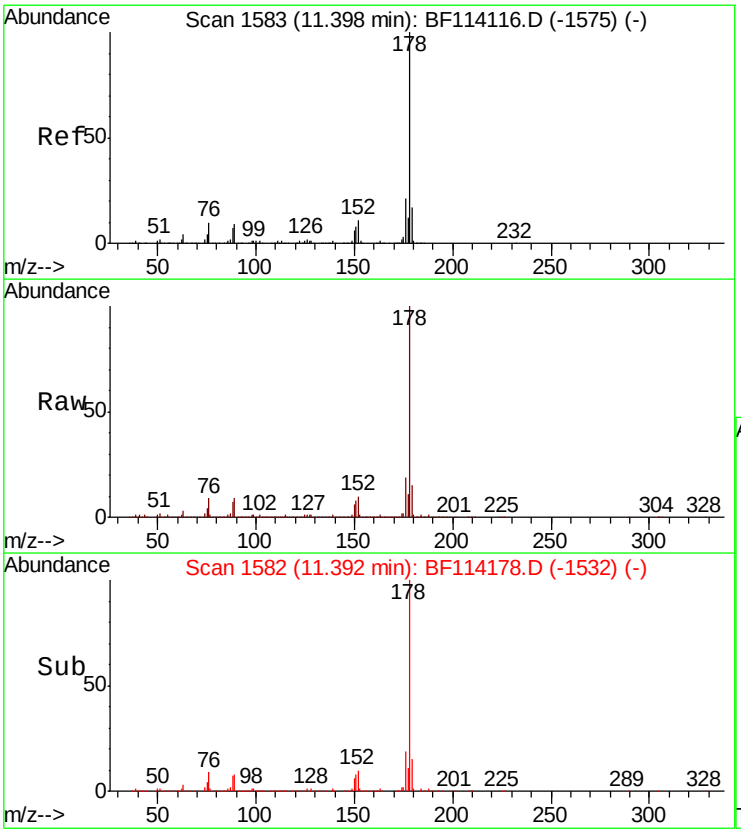
#67
4-Bromophenyl-phenylether
Concen: 3.538 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:248 Resp: 39385

Ion	Ratio	Lower	Upper
248	100		
250	196.5	77.4	116.2#
141	494.9	55.6	83.4#

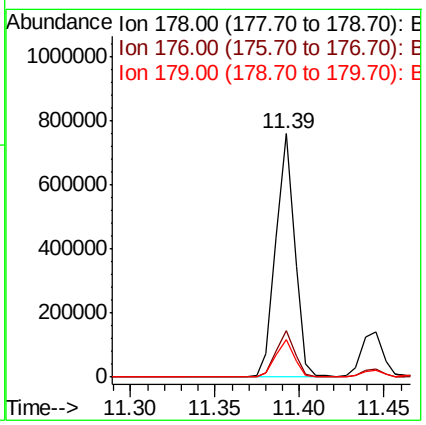


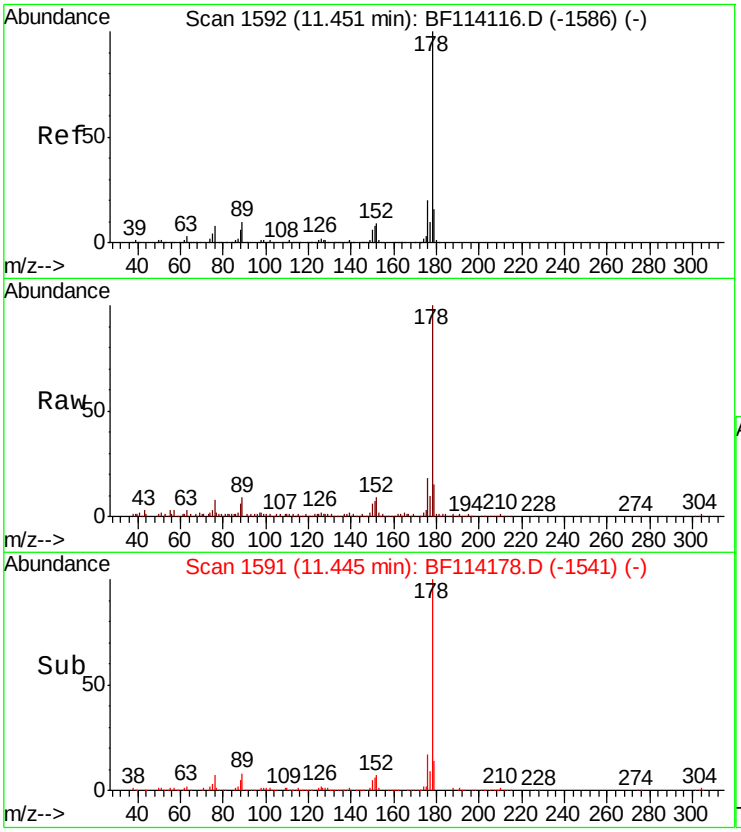


#71
Phenanthrene
Concen: 11.982 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:178 Resp: 589448

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.4	24.6
179	15.3	13.2	19.8



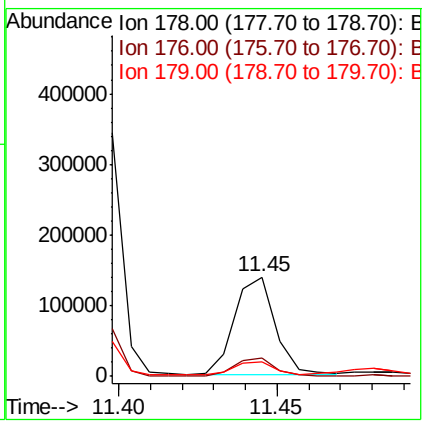


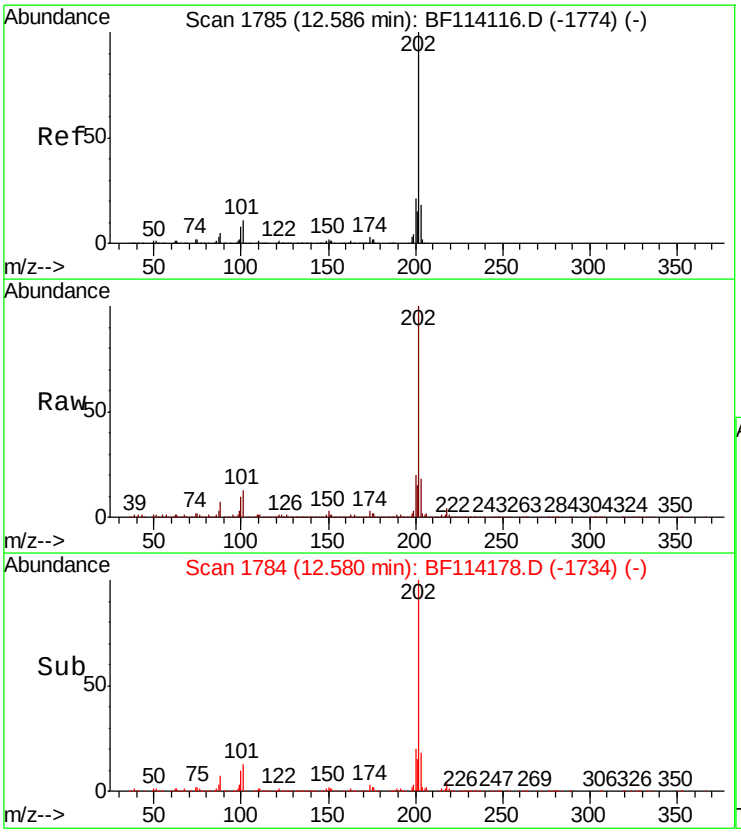
#72
Anthracene
Concen: 2.444 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:178 Resp: 120782

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.9	13.0	19.4

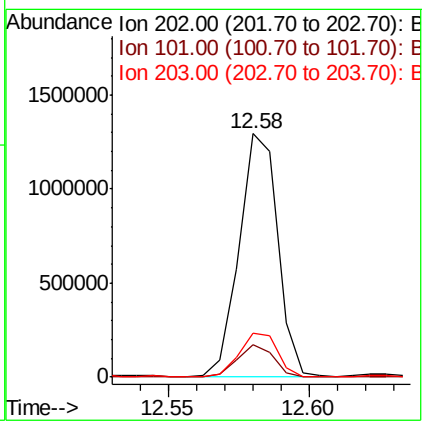


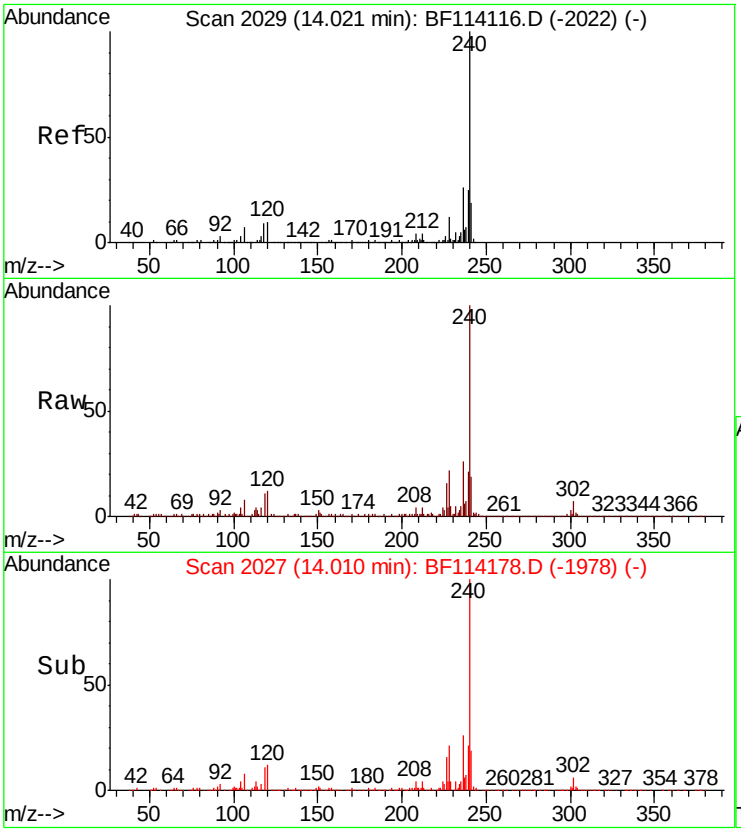


#75
Fluoranthene
Concen: 23.030 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:202 Resp: 1219991

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.0
203	18.3	0.0	38.4



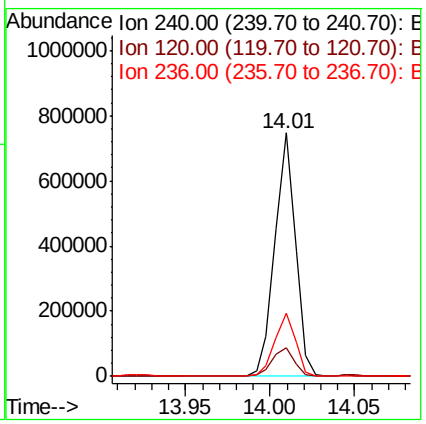


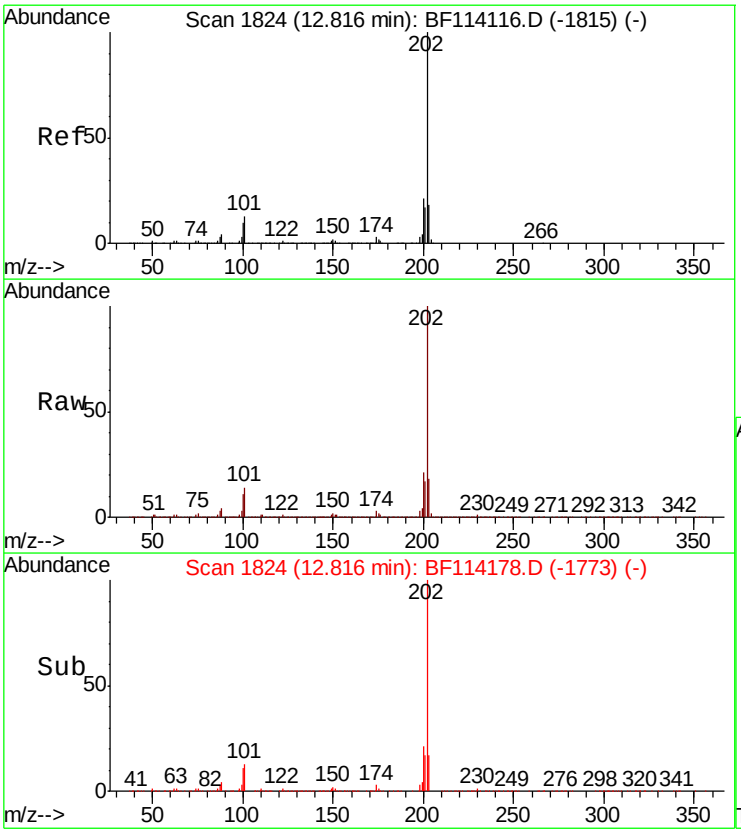
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:240 Resp: 634558

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

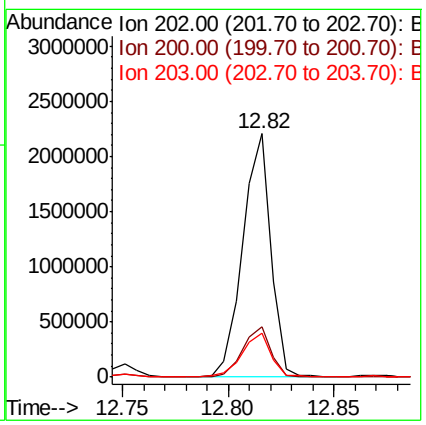


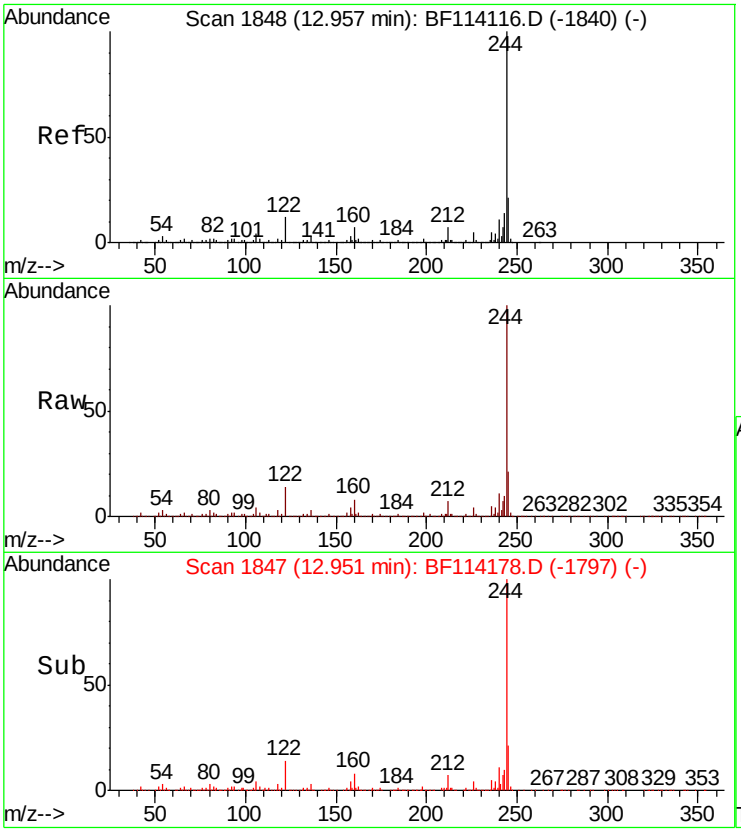


#78
Pyrene
Concen: 39.711 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:202 Resp: 2027128

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.9	14.5	21.7



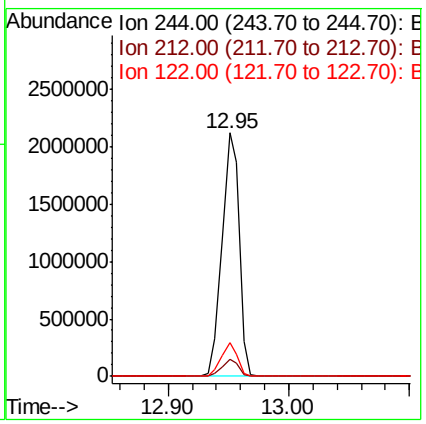


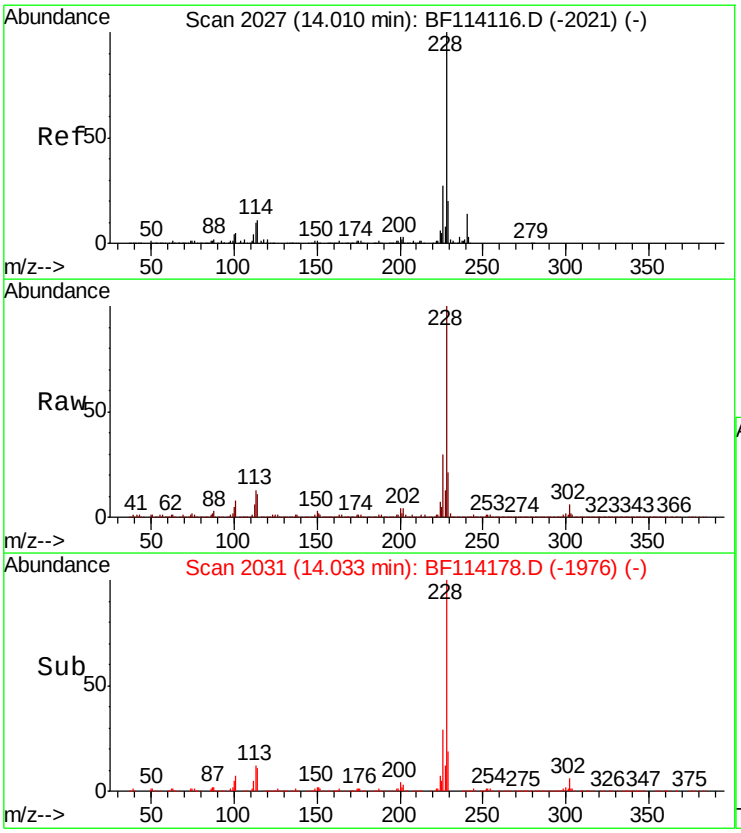
#79
Terphenyl-d14
Concen: 67.420 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:244 Resp: 2075339

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.8	9.4	14.2

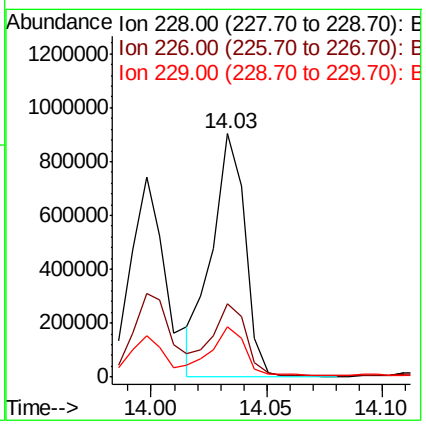


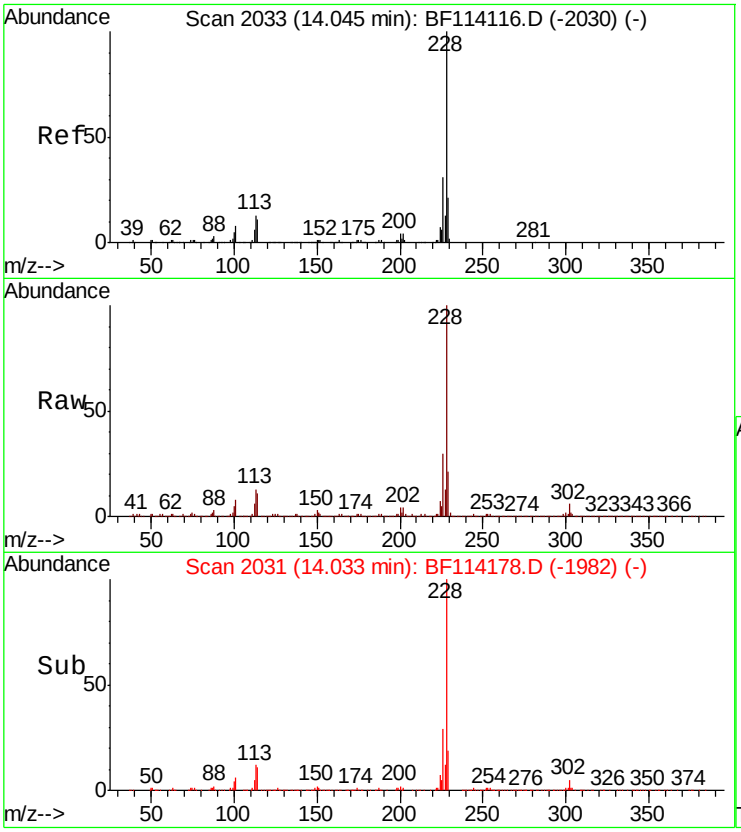


#81
Benzo(a)anthracene
Concen: 21.887 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:228 Resp: 898298

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.2	33.2
229	20.6	16.4	24.6



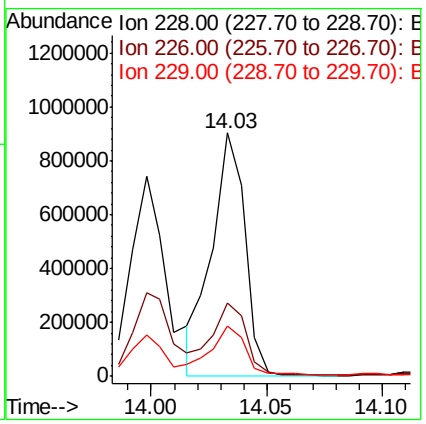


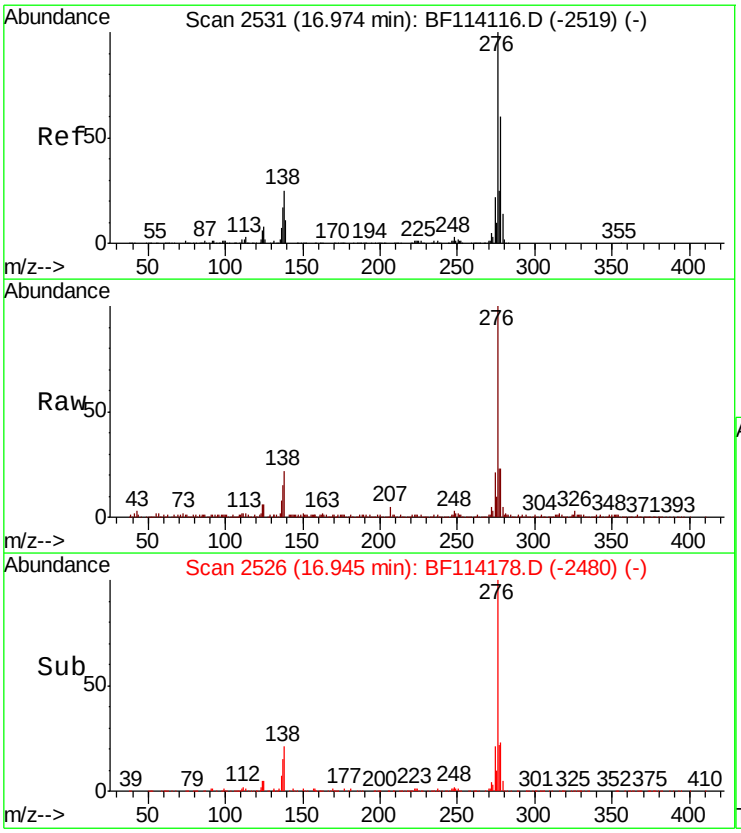
#83
Chrysene
Concen: 22.327 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:228 Resp: 898298

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.6	17.0	25.6

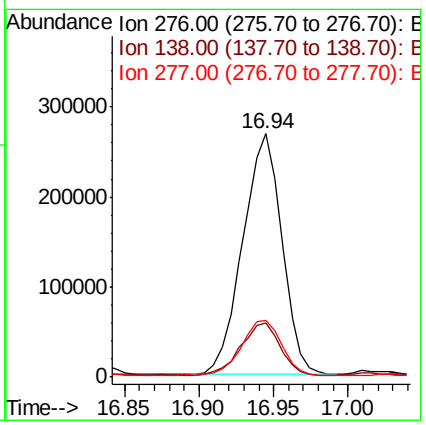


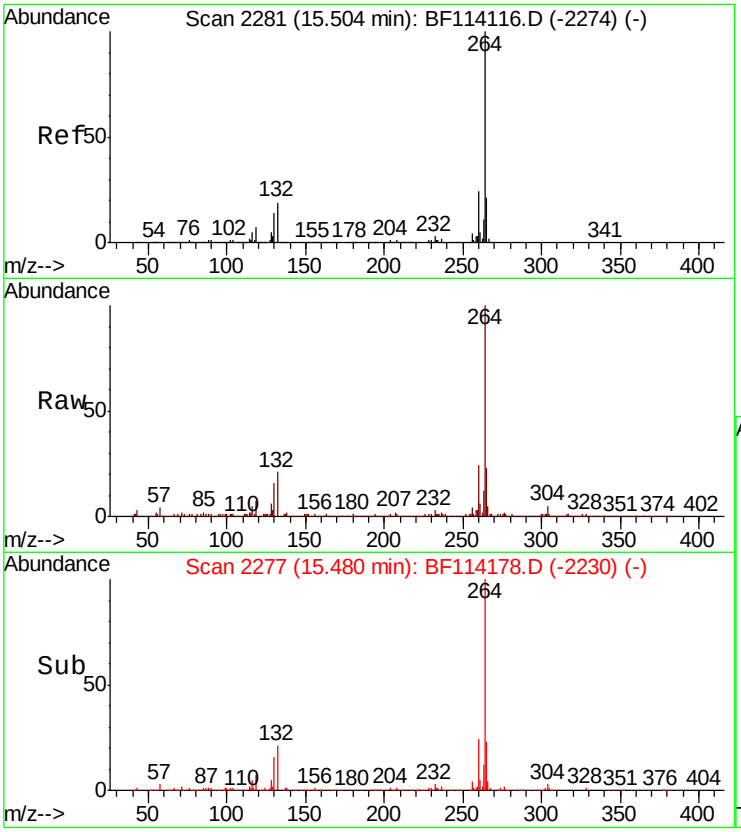


#86
Indeno(1,2,3-cd)pyrene
Concen: 13.697 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.03 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:276 Resp: 487044

Ion	Ratio	Lower	Upper
276	100		
138	21.7	20.2	30.2
277	24.1	20.0	30.0



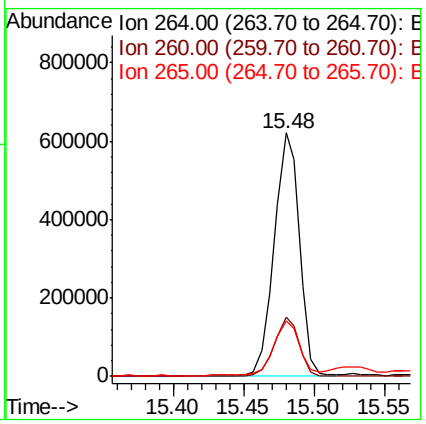


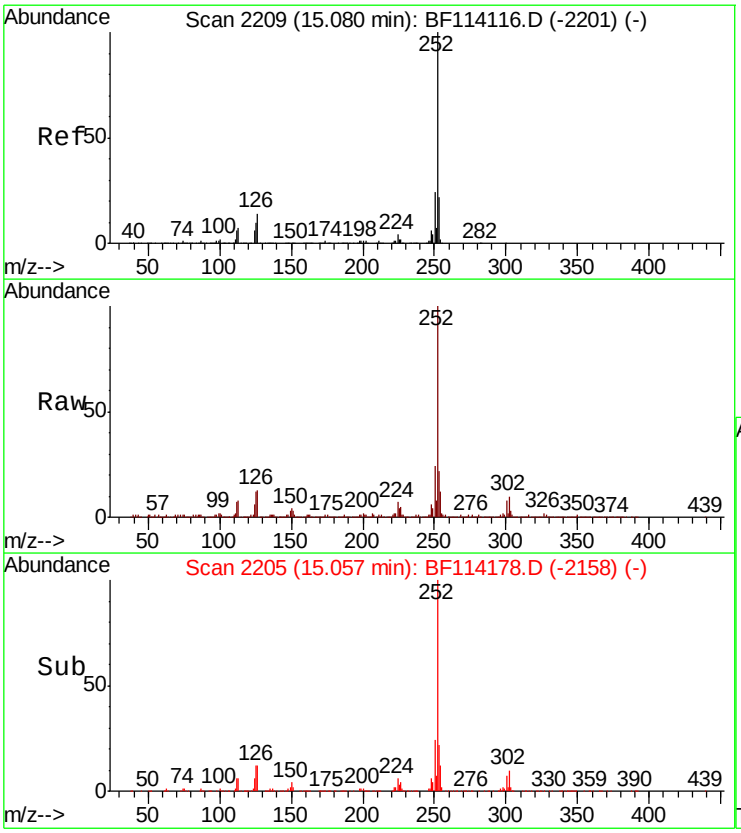
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:264 Resp: 773405

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.9	16.9	25.3

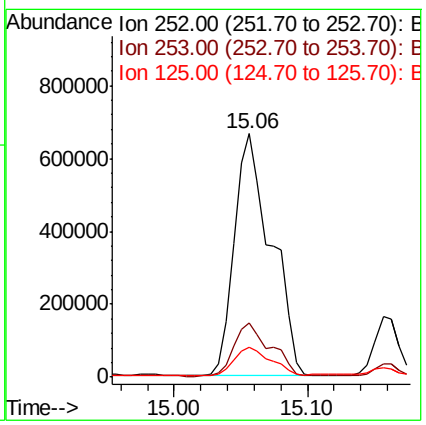


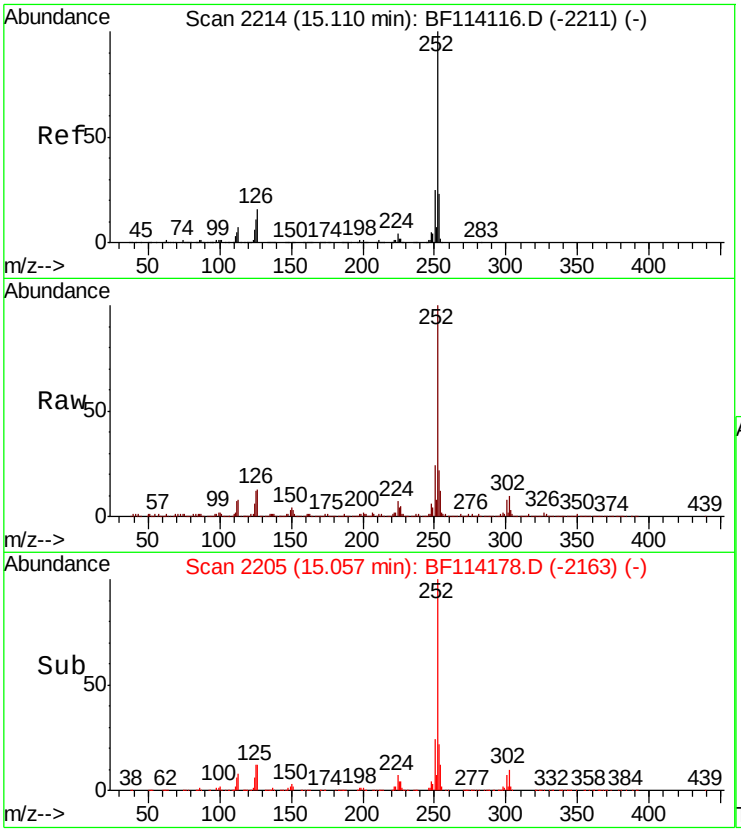


#88
Benzo(b)fluoranthene
Concen: 25.736 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:252 Resp: 1275173

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.4	8.3	12.5



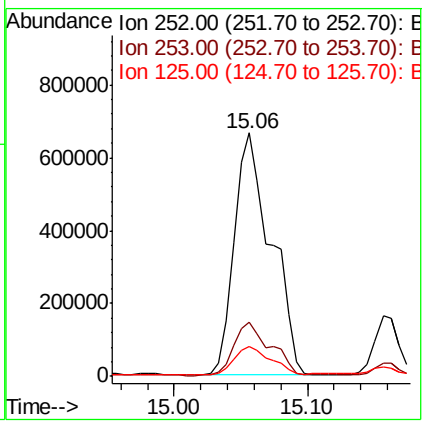


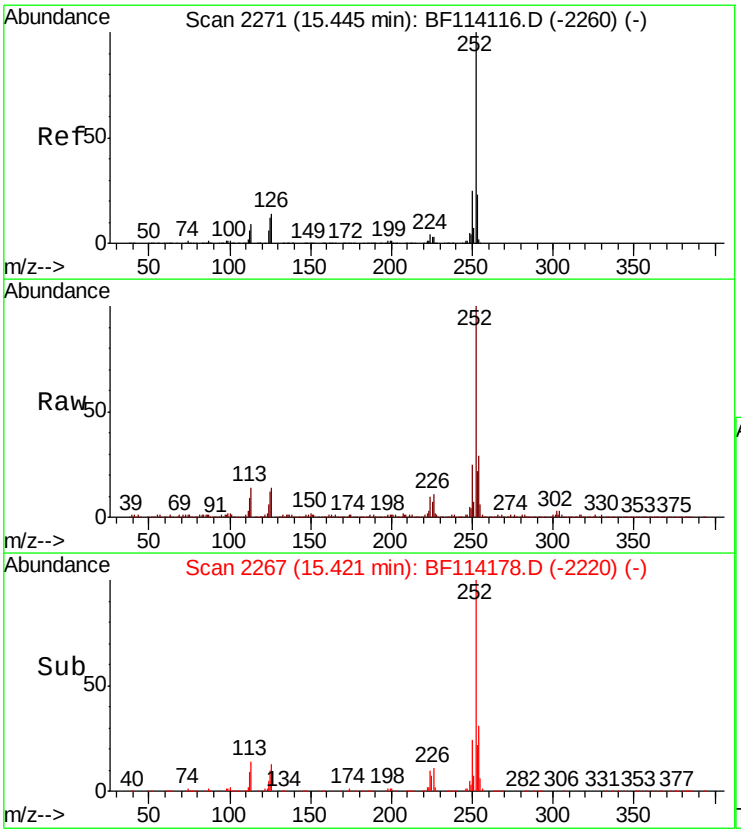
#89
Benzo(k)fluoranthene
Concen: 28.016 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.05 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:252 Resp: 1275173

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	12.4	8.6	13.0

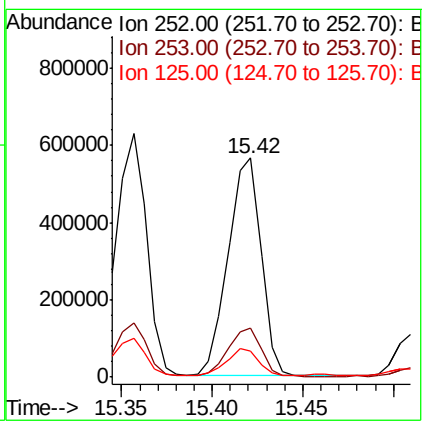


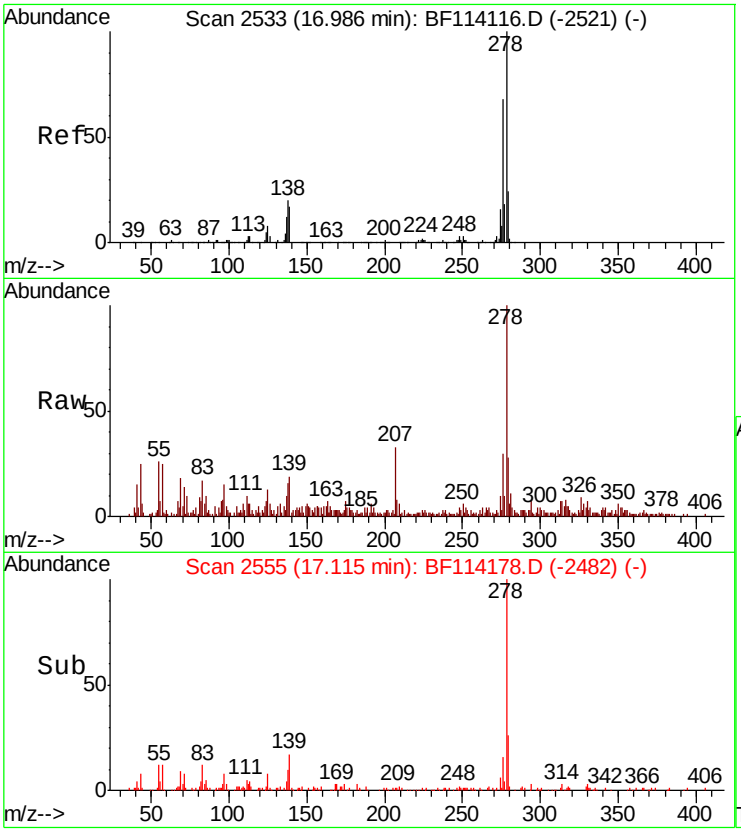


#90
Benzo(a)pyrene
Concen: 16.508 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:252 Resp: 719866

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.8	9.5	14.3



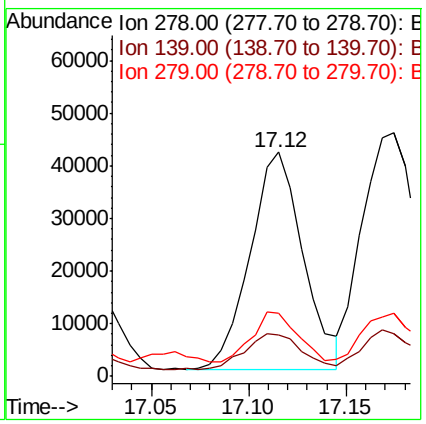


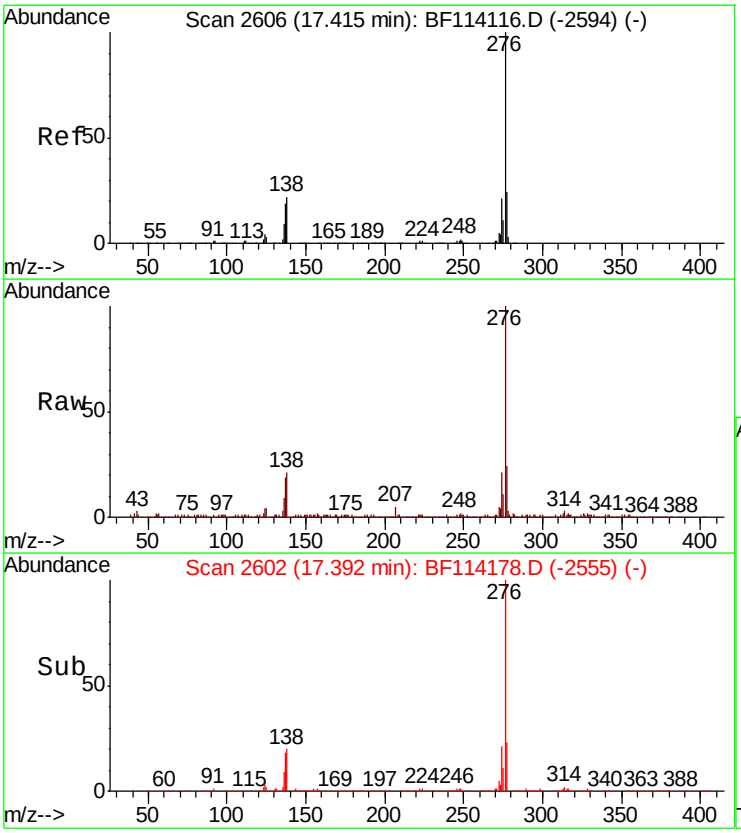
#91
Dibenzo(a,h)anthracene
Concen: 2.163 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.13 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Instrument :
BNA_F
ClientSampleId :
P026-SS005-1824-01

Tgt Ion:278 Resp: 78377

Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.5	20.3
279	28.0	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 15.112 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF114178.D
Acq: 12 May 2019 2:38

Tgt Ion:276 Resp: 548762

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	21.5	17.8	26.6