Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114173.D
Acq On : 12 May 2019 00:26
Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS005-0002-01

Quant Time: May 12 05:57:04 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	263192	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1104754	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	502620	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	873405	20.00	ng		0.00
76) Chrysene-d12	14.02	240	534950	20.00	ng		0.00
87) Perylene-d12	15.50	264	722114	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1758218	107.50	ng		0.00
7) Phenol-d6	6.49	99	2331420	120.53	ng		0.00
23) Nitrobenzene-d5	7.41	82	1637438	83.18	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	559859	107.74	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2357720	70.96	ng		0.00
79) Terphenyl-d14	12.95	244	1712923	66.01	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	219435	17.897	ng	#	74
25) Isophorone	7.41	82	1635353	44.793	ng	#	64
31) Naphthalene	8.15	128	590421	11.441	ng		98
32) Benzoic acid	7.95	122	1401	7.130	ng	#	1
33) 4-Chloroaniline	8.15	127	77363	3.290	ng	#	34
37) 2-Methylnaphthalene	8.84	142	224277	6.736	ng		97
38) 1-Methylnaphthalene	8.94	142	142366	4.541	ng		96
46) 1,1'-Biphenyl	9.30	154	93086	2.292	ng		95
49) Acenaphthylene	9.75	152	1112190	22.377	ng		98
50) Dimethylphthalate	9.60	163	412989	11.193	ng		100
54) 2,4-Dinitrophenol	9.95	184	114	6.771	ng	#	1
58) Fluorene	10.53	166	79874	2.312	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	36836	3.830	ng	#	1
71) Phenanthrene	11.40	178	3597374	84.660	ng		97
72) Anthracene	11.45	178	699601	16.392	ng		98
75) Fluoranthene	12.59	202	4427063	96.748	ng		93
78) Pyrene	12.83	202	6844192	159.041	ng		92
81) Benzo(a)anthracene	14.01	228	3393977	98.091	ng	#	81
83) Chrysene	14.05	228	3482011	102.660	ng		97
86) Indeno(1,2,3-cd)pyrene	16.98	276	2027549	67.639	ng		96
88) Benzo(b)fluoranthene	15.08	252	5472697	118.296	ng	#	95
89) Benzo(k)fluoranthene	15.08	252	5472697	128.778	ng	#	96
90) Benzo(a)pyrene	15.44	252	2975657	73.085	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	556102	16.437	ng		96
92) Benzo(g,h,i)perylene	17.43	276	2206271	65.072	ng		98

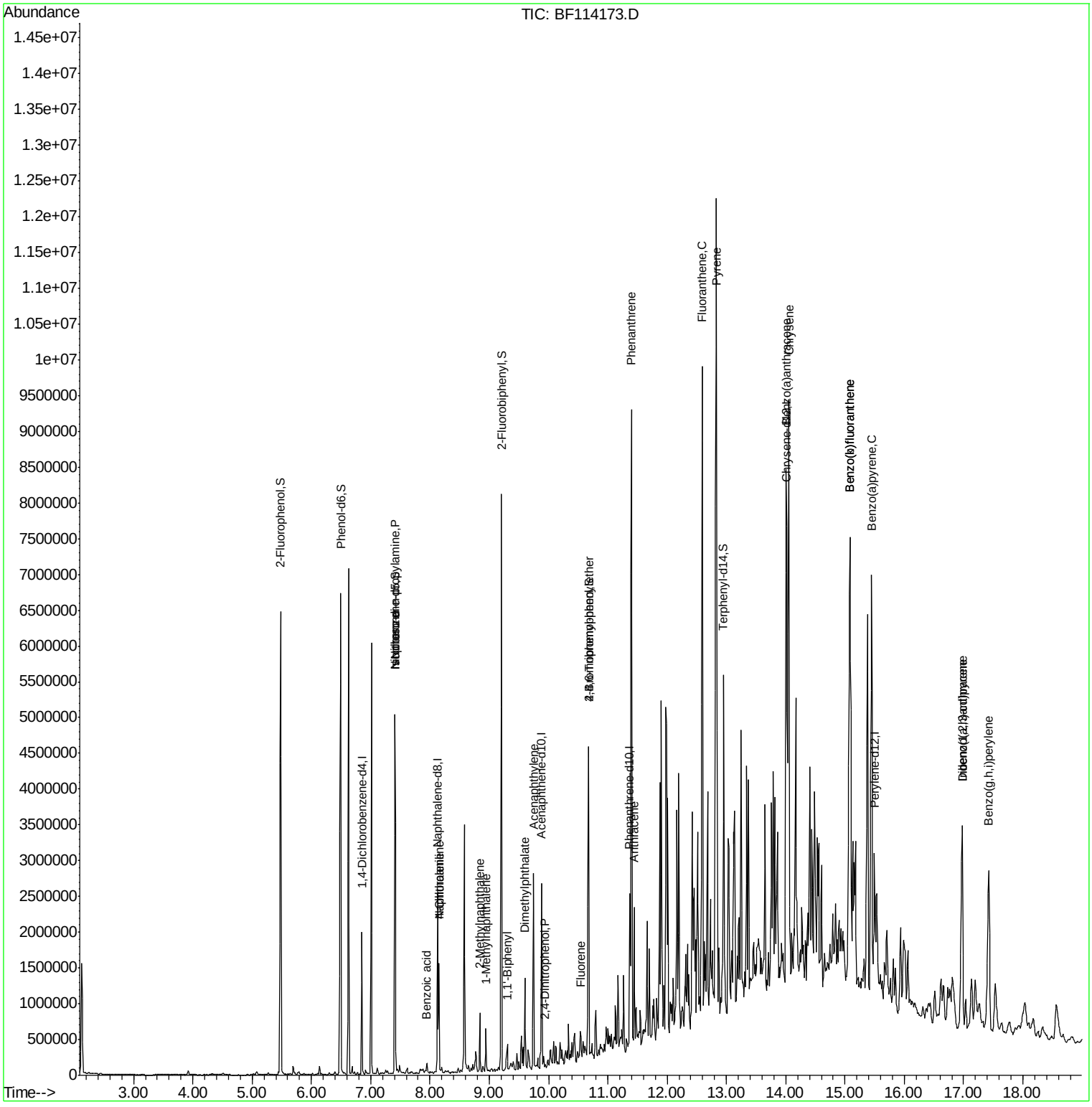
(#) = qualifier out of range (m) = manual integration (+) = signals summed

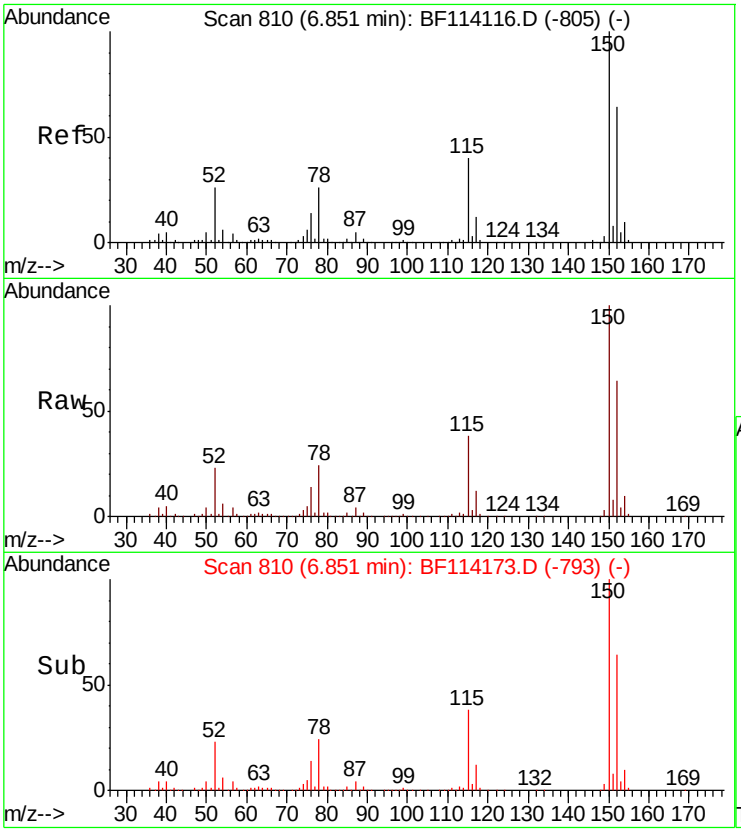
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114173.D
Acq On : 12 May 2019 00:26
Operator : JU/SJ
Sample : K2765-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Quant Time: May 12 05:57:04 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



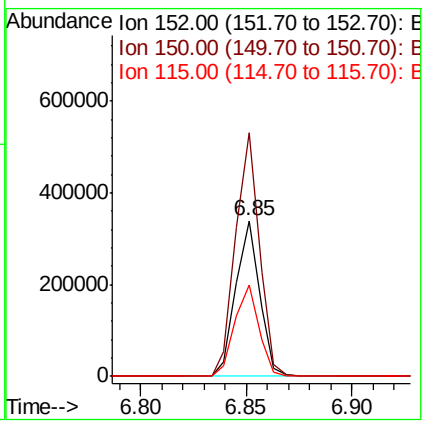


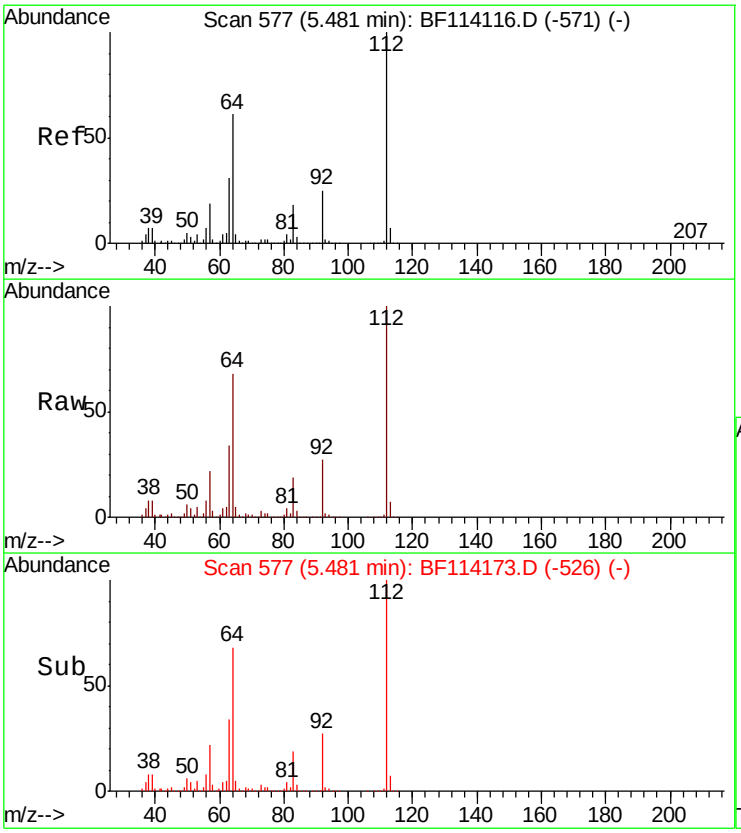
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:152 Resp: 263192

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	58.8	49.1	73.7

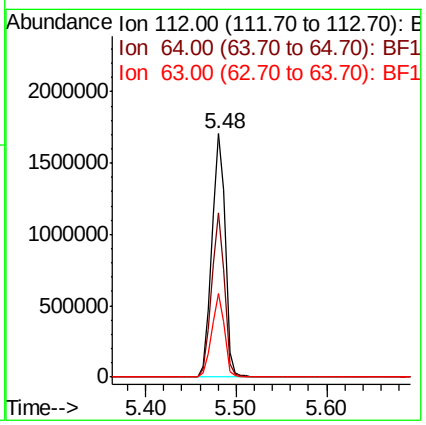


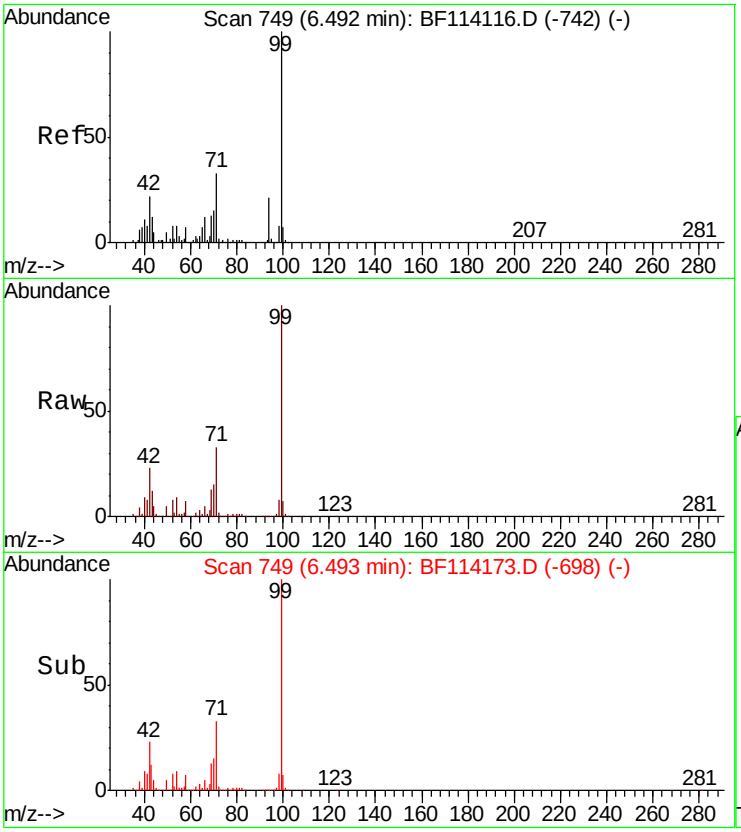


#5
2-Fluorophenol
Concen: 107.504 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:112 Resp: 1758218

Ion	Ratio	Lower	Upper
112	100		
64	67.7	49.0	73.6
63	34.2	24.6	37.0



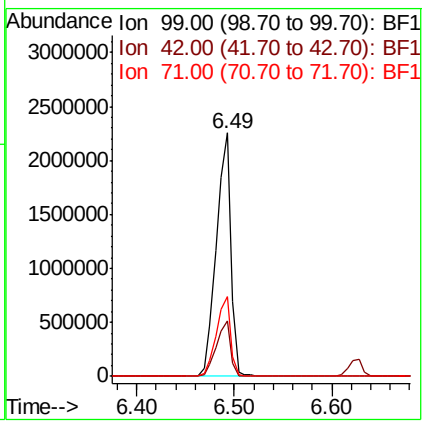


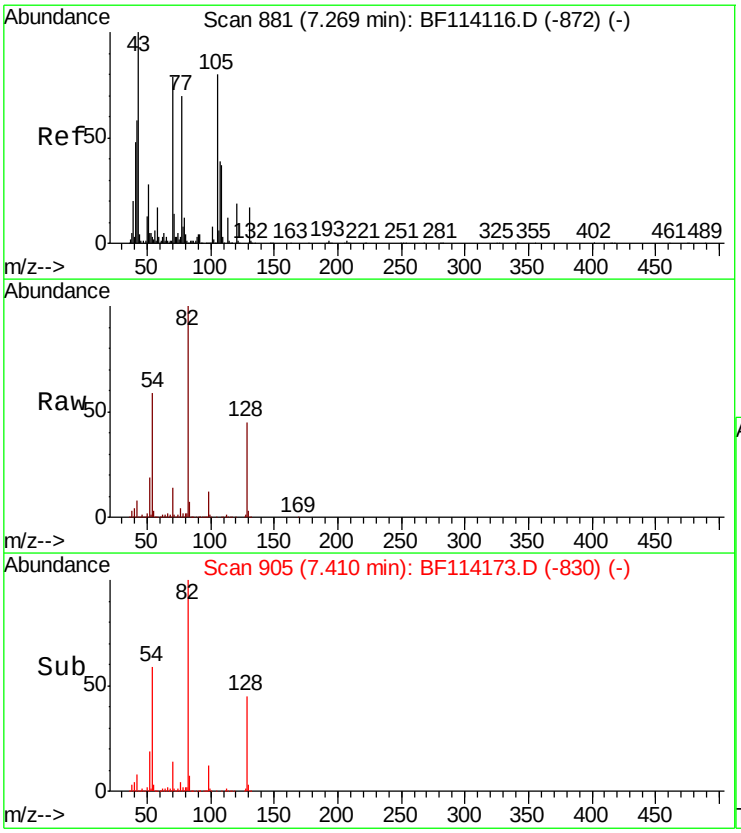
#7
Phenol-d6
Concen: 120.528 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion: 99 Resp: 2331420

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	32.9	26.2	39.2

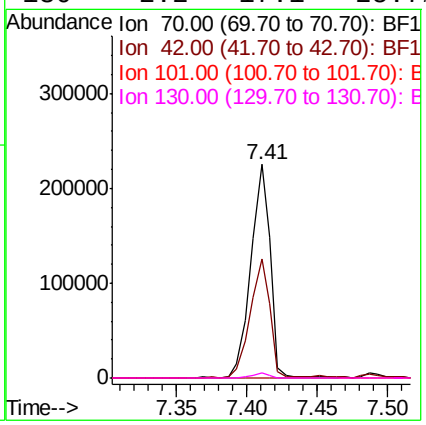


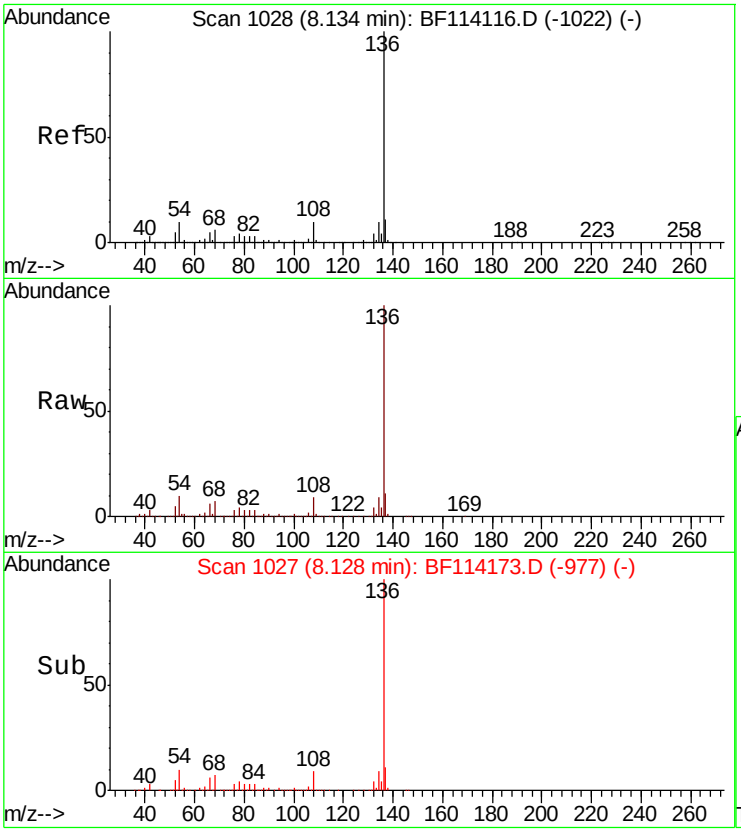


#19
n-Nitroso-di-n-propylamine
Concen: 17.897 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion: 70 Resp: 219435

Ion	Ratio	Lower	Upper
70	100		
42	55.6	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#



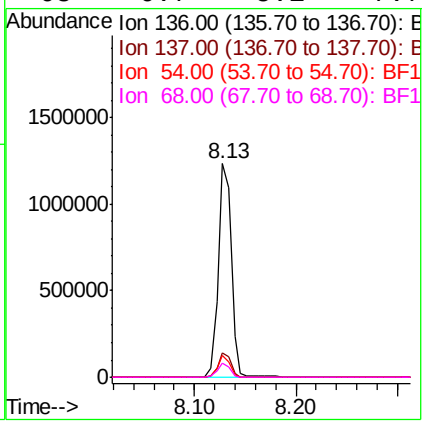


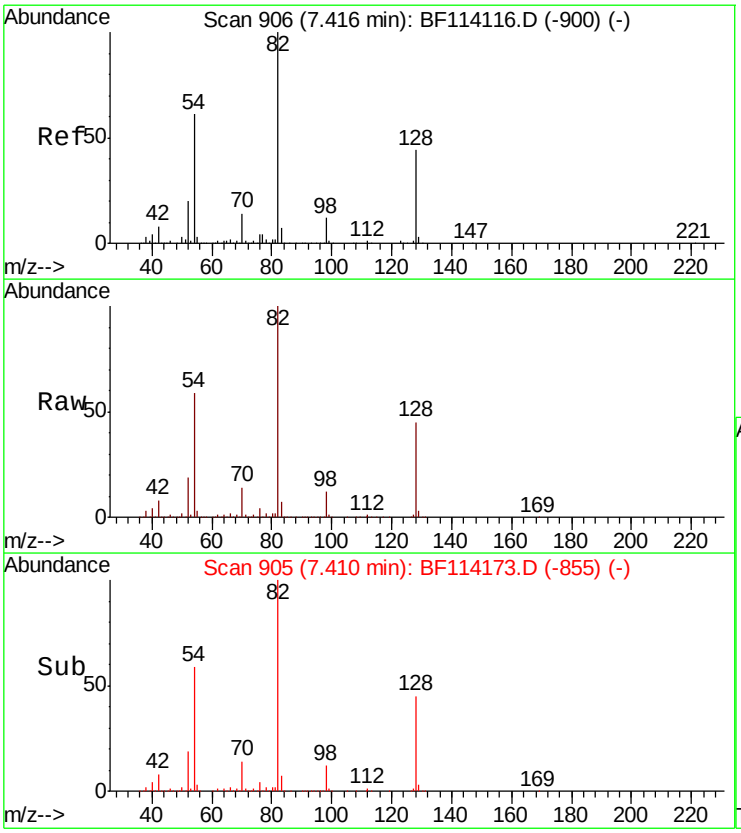
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:136 Resp: 1104754

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.0	7.8	11.8
68	6.7	5.1	7.7

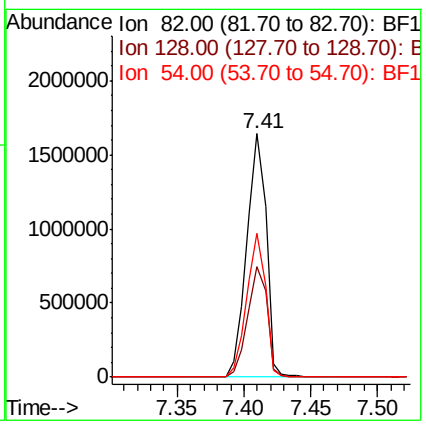


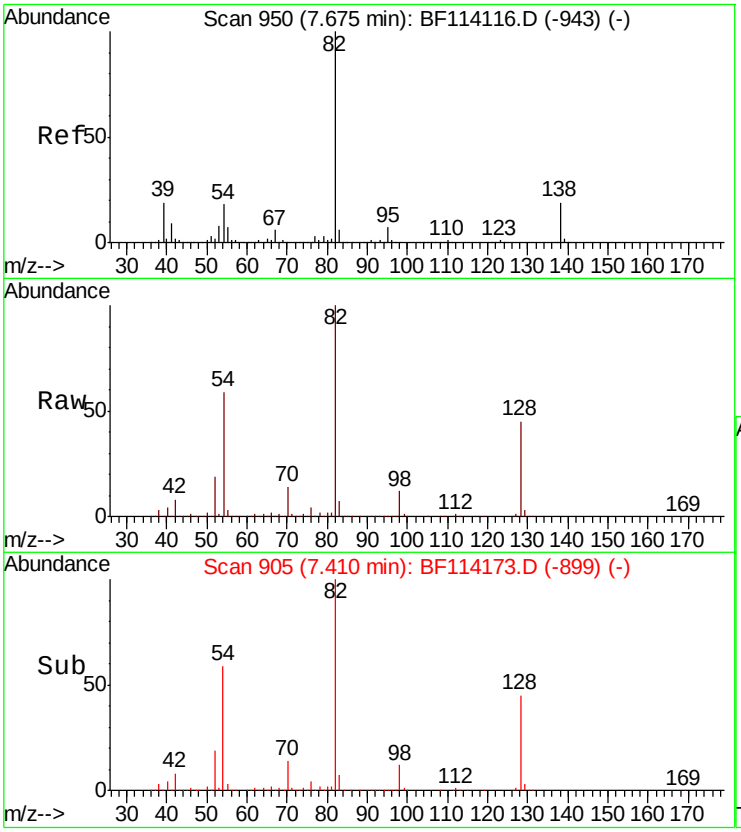


#23
Nitrobenzene-d5
Concen: 83.180 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion: 82 Resp: 1637438

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.5	53.3
54	58.9	48.5	72.7



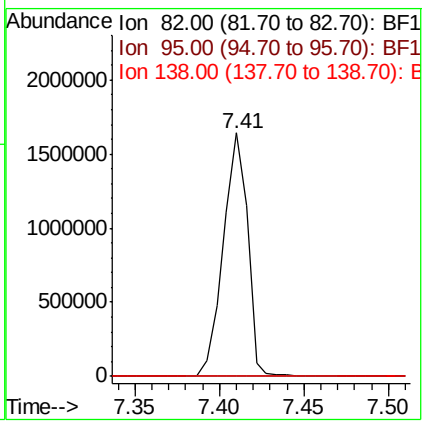


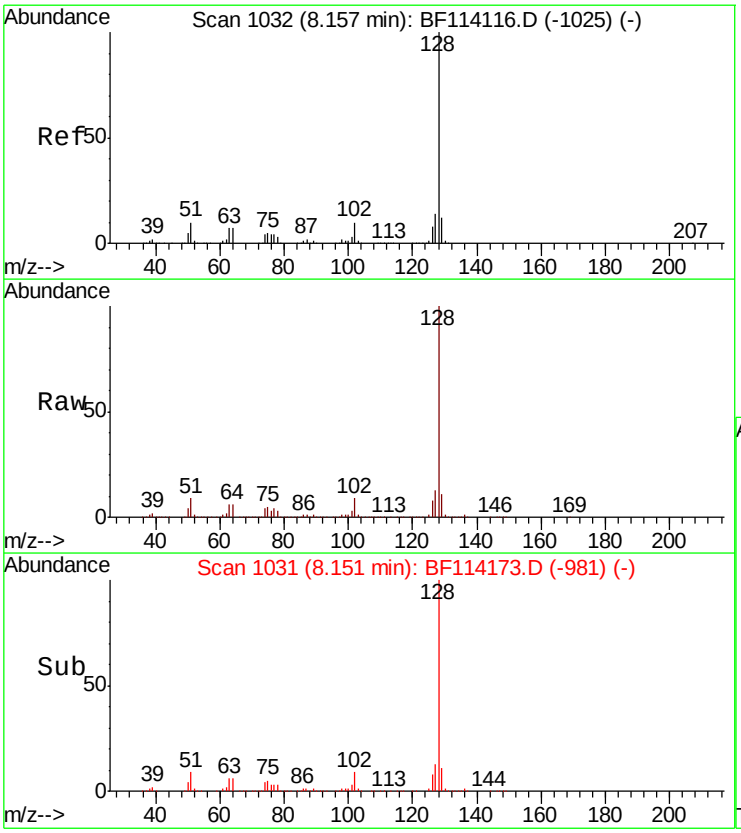
#25
Isophorone
Concen: 44.793 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion: 82 Resp: 1635353

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

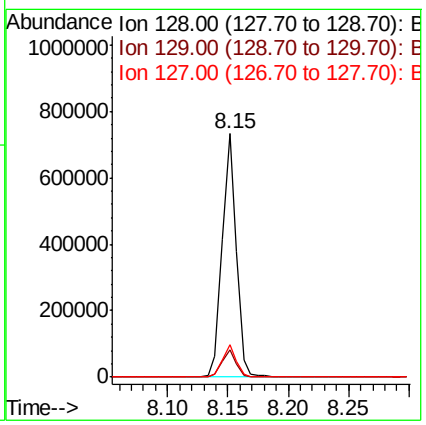


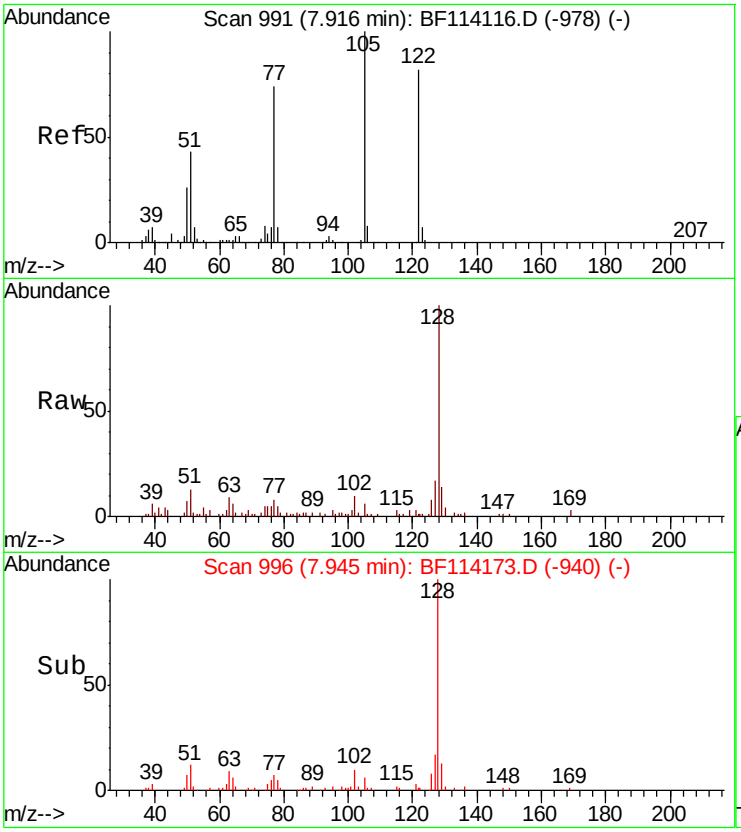


#31
Naphthalene
Concen: 11.441 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:128 Resp: 590421

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	13.3	11.3	16.9



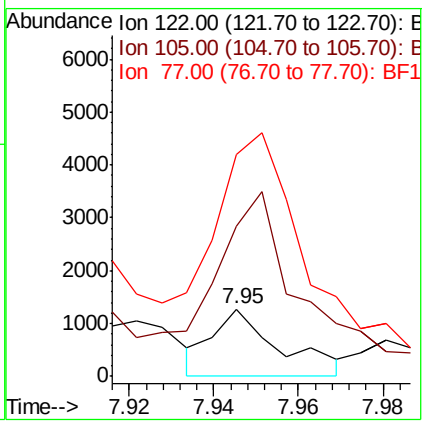


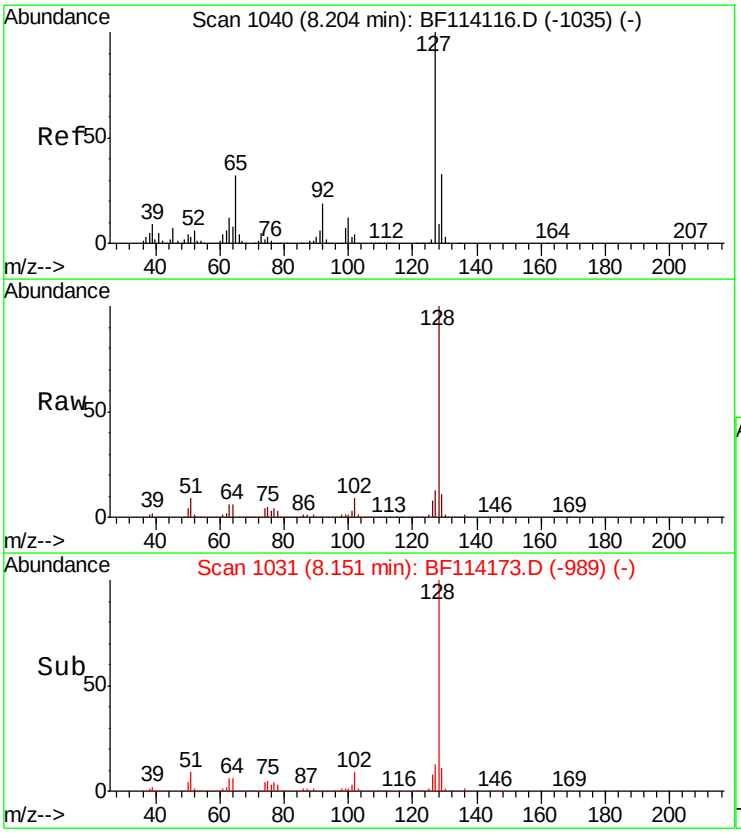
#32
Benzoic acid
Concen: 7.130 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.03 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:122 Resp: 1401

Ion	Ratio	Lower	Upper
122	100		
105	221.9	99.9	139.9#
77	328.6	69.4	109.4#

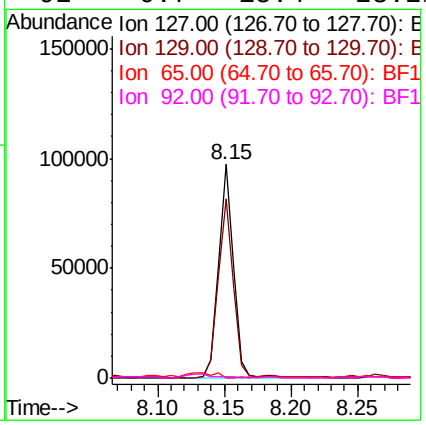


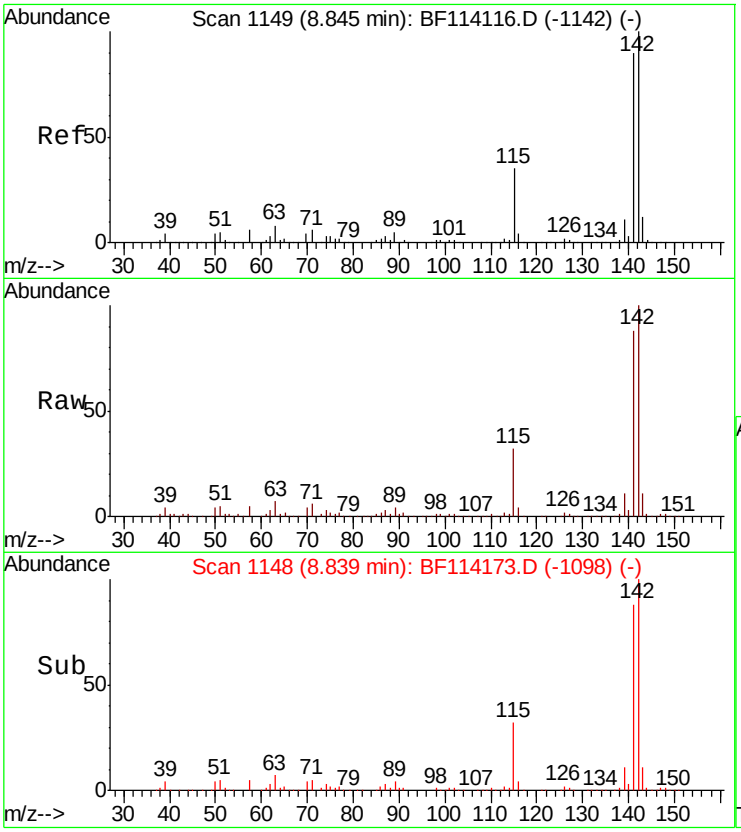


#33
4-Chloroaniline
Concen: 3.290 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:127 Resp: 77363

Ion	Ratio	Lower	Upper
127	100		
129	84.2	26.7	40.1#
65	0.0	25.4	38.0#
92	0.7	15.4	23.2#



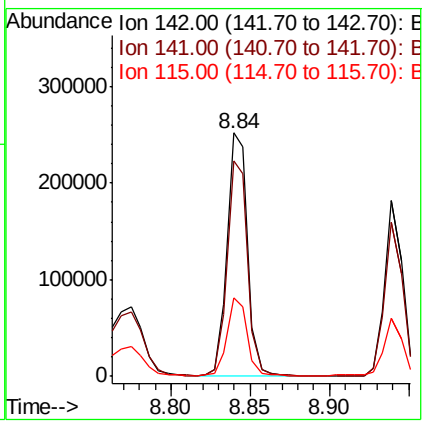


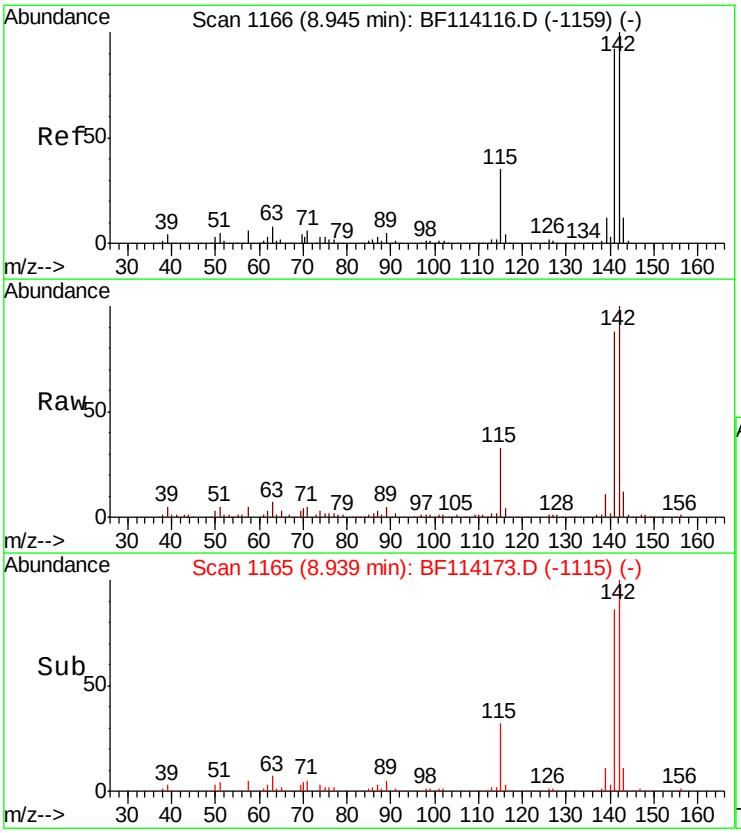
#37
2-Methylnaphthalene
Concen: 6.736 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:142 Resp: 224277

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.1	108.1
115	32.2	28.0	42.0

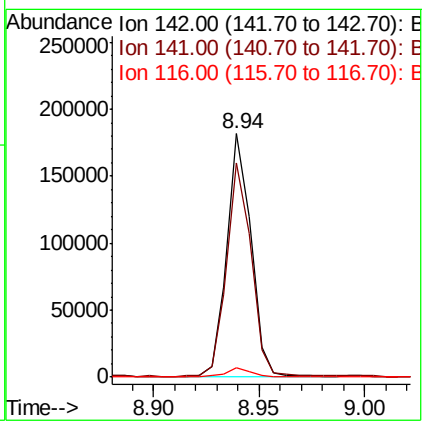


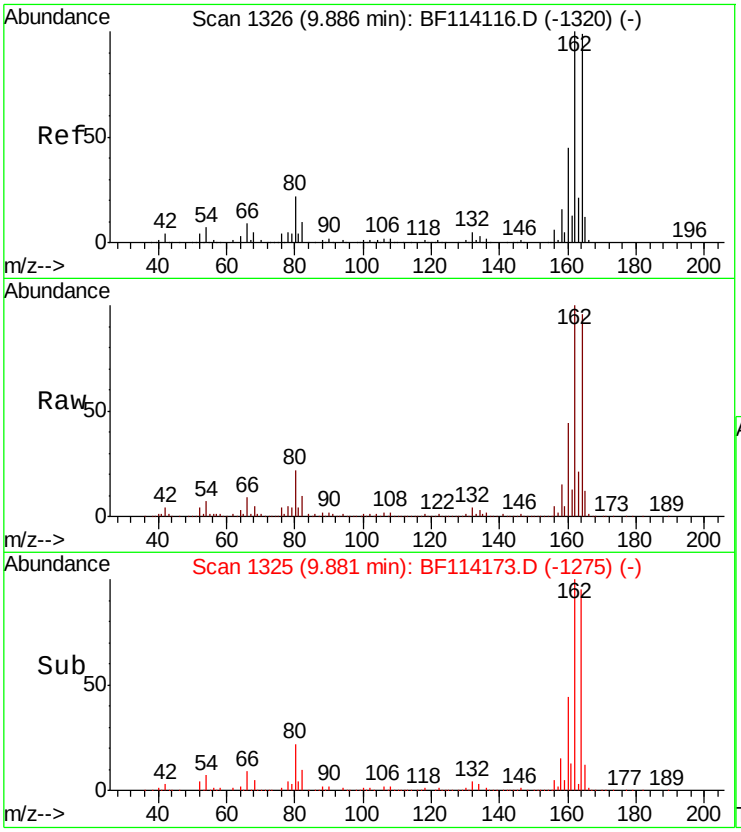


#38
1-Methylnaphthalene
Concen: 4.541 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:142 Resp: 142366

Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.4	110.0
116	3.6	3.1	4.7



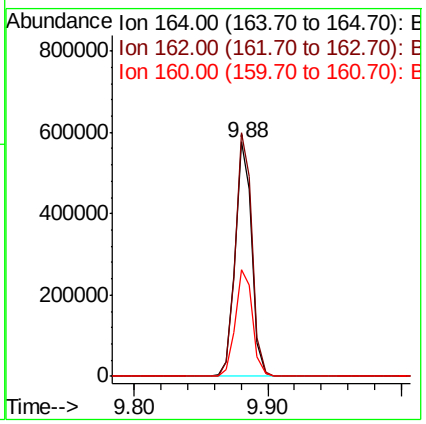


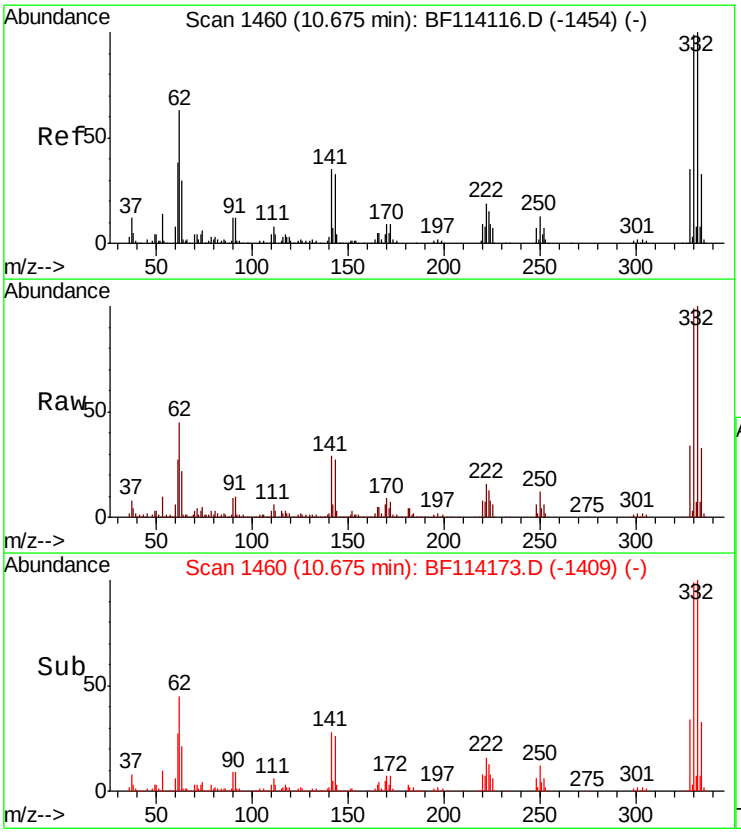
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:164 Resp: 502620

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.6	120.8
160	45.3	36.5	54.7

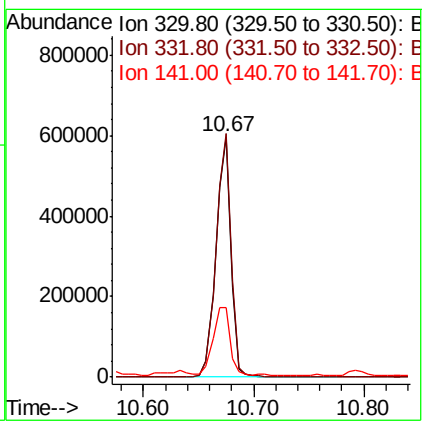


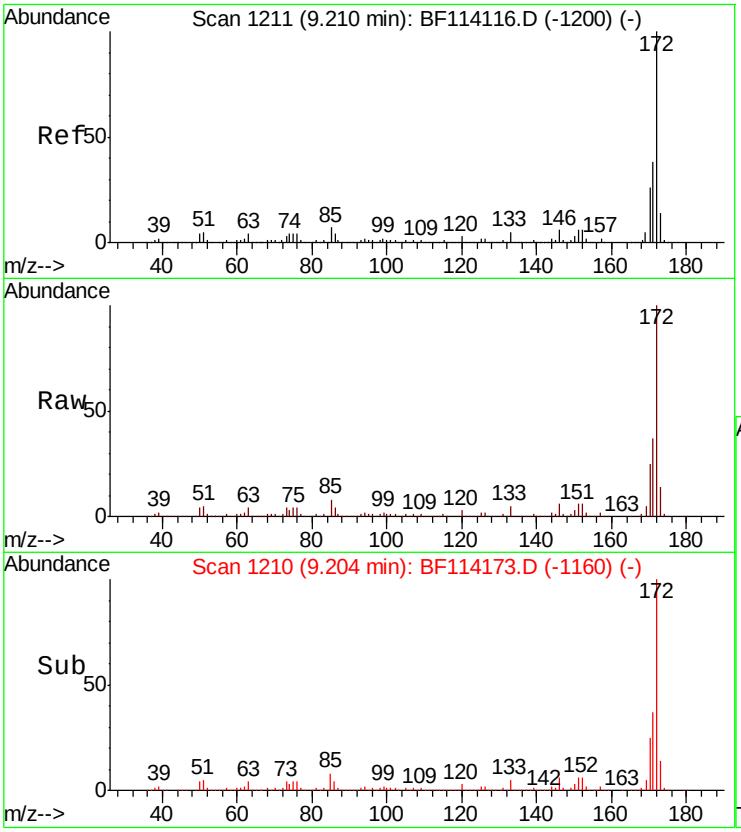


#42
2,4,6-Tribromophenol
Concen: 107.743 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:330 Resp: 559859

Ion	Ratio	Lower	Upper
330	100		
332	101.9	81.4	122.2
141	32.1	26.6	40.0



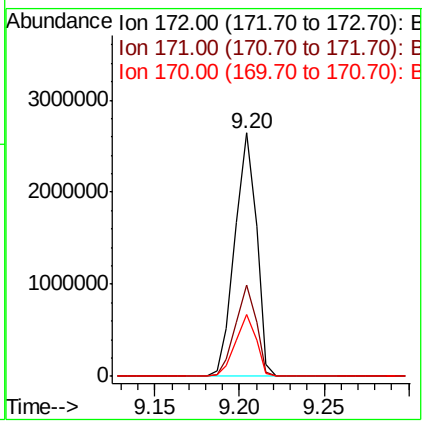


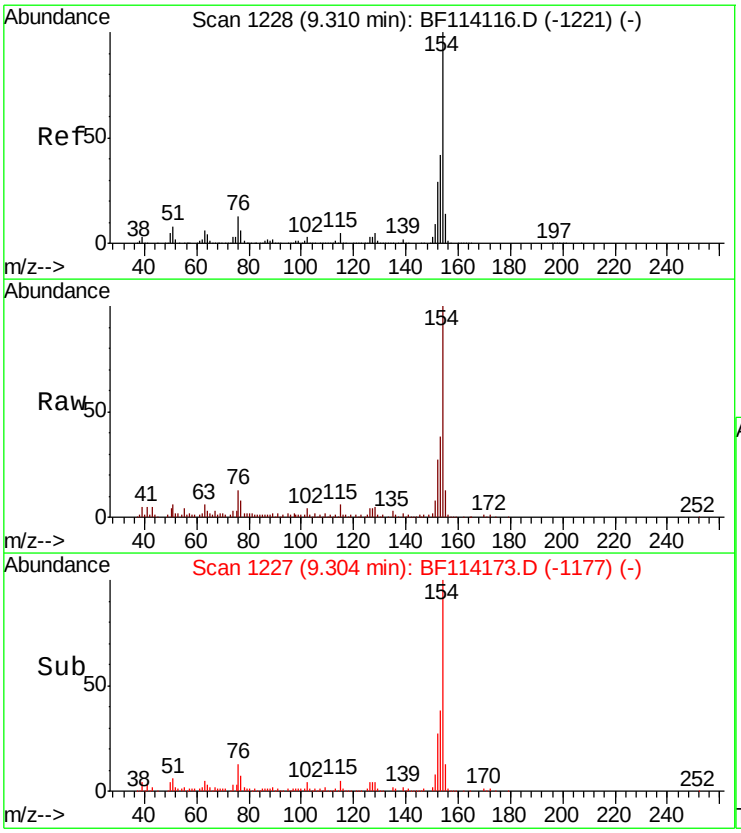
#45
2-Fluorobiphenyl
Concen: 70.957 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:172 Resp: 2357720

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.7	46.1
170	25.3	20.5	30.7

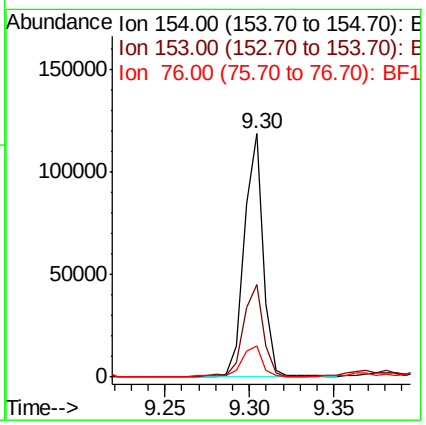


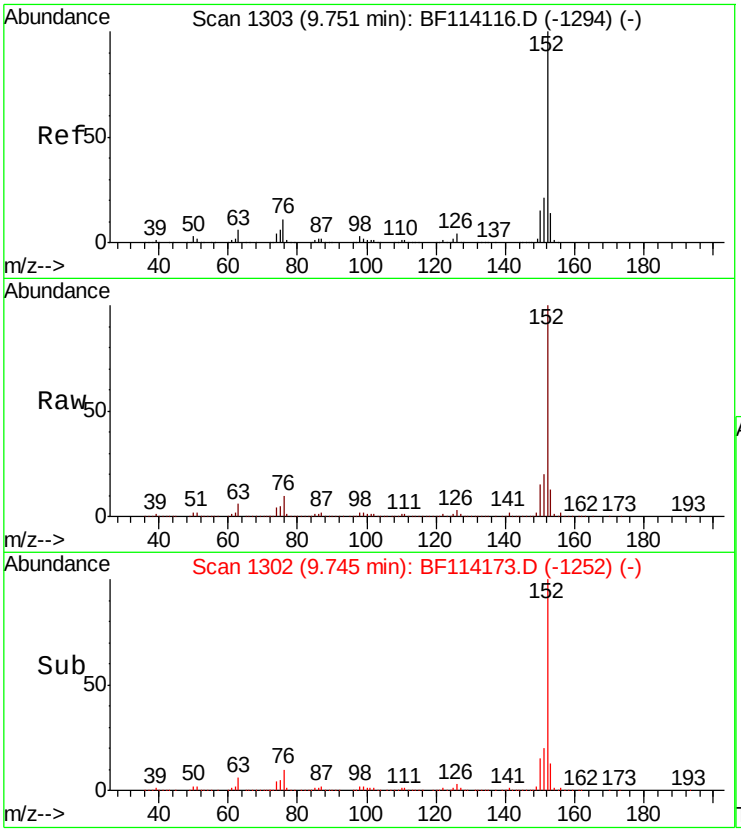


#46
1,1'-Biphenyl
Concen: 2.292 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:154 Resp: 93086

Ion	Ratio	Lower	Upper
154	100		
153	37.8	21.9	61.9
76	12.7	0.0	32.8



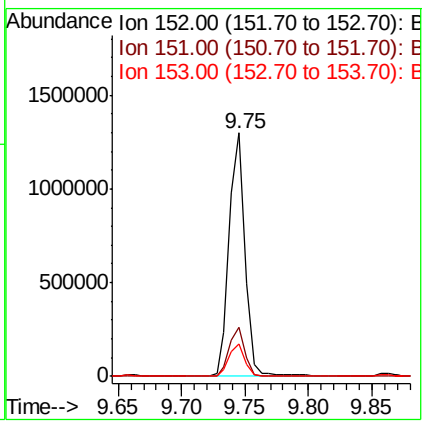


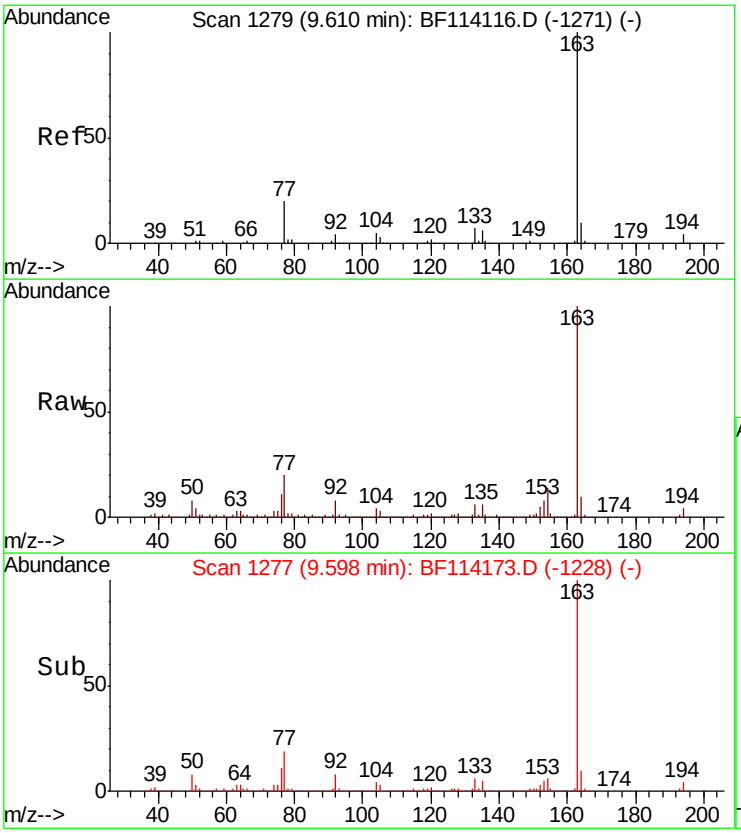
#49
Acenaphthylene
Concen: 22.377 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:152 Resp: 1112190

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.2	11.4	17.2

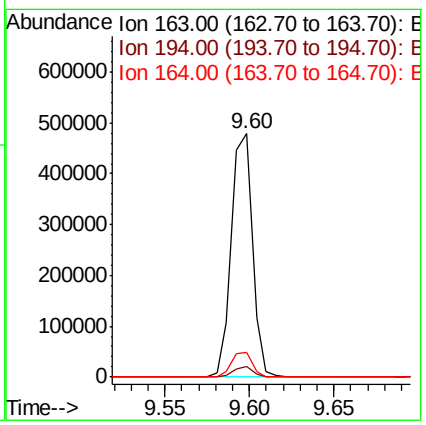


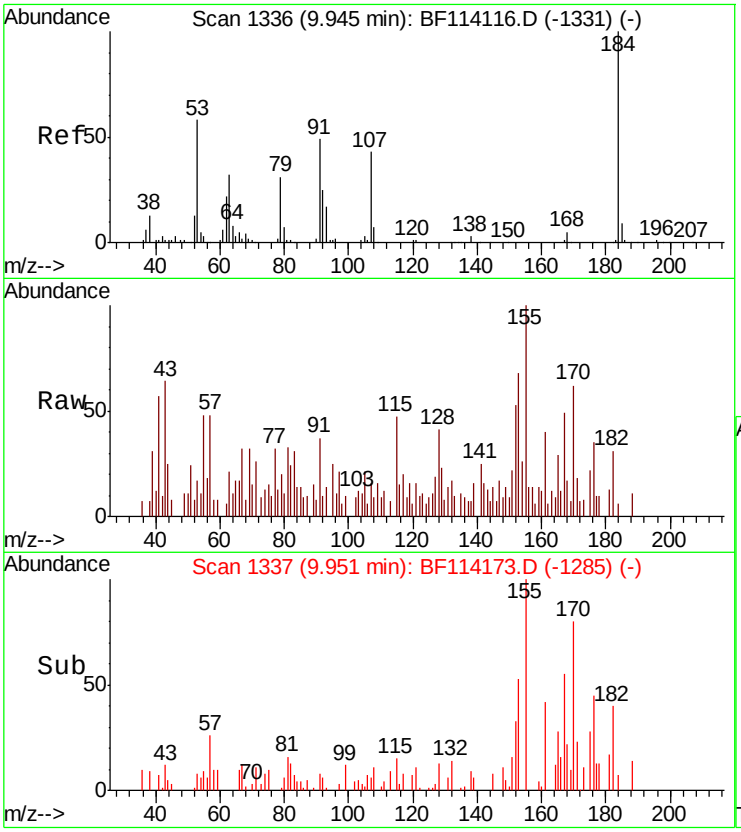


#50
Dimethylphthalate
Concen: 11.193 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:163 Resp: 412989

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.2	12.2



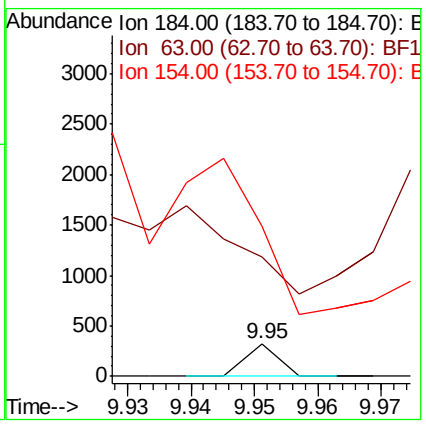


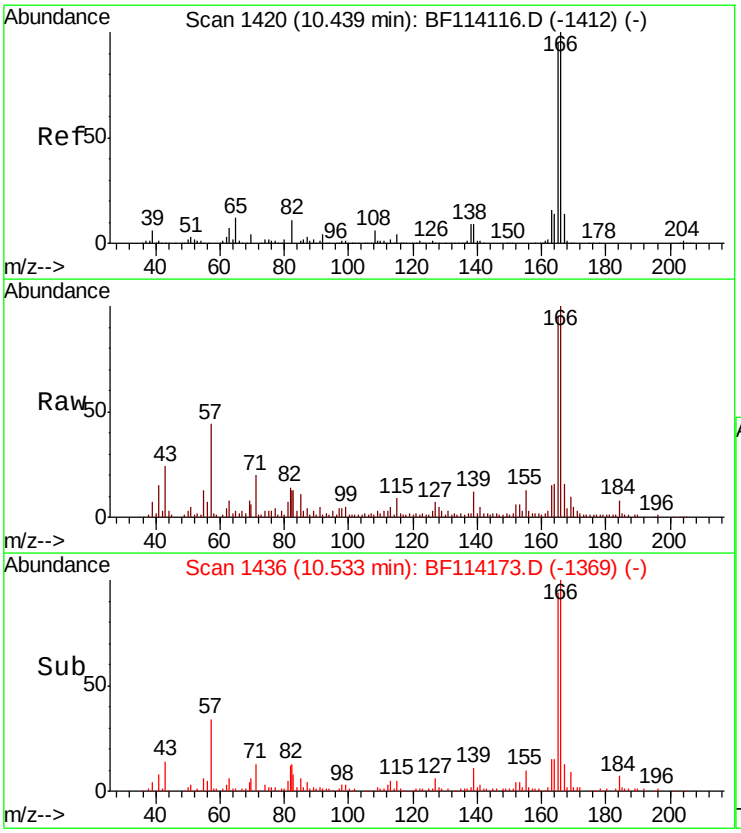
#54
2,4-Dinitrophenol
Concen: 6.771 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:184 Resp: 114

Ion	Ratio	Lower	Upper
184	100		
63	368.1	55.6	83.4#
154	462.8	46.0	69.0#

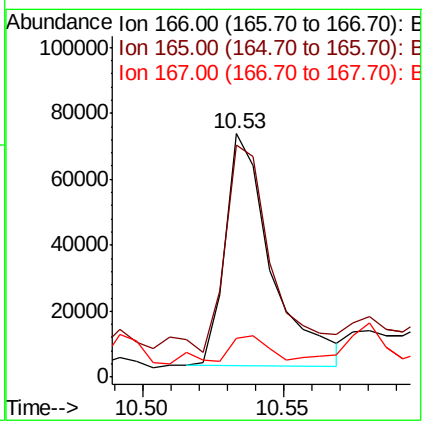


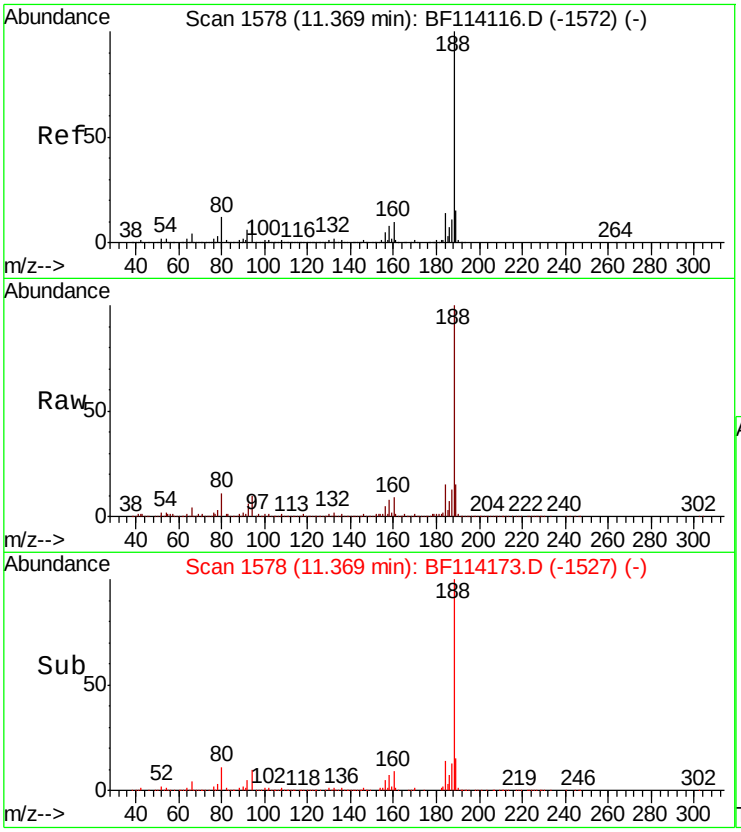


#58
Fluorene
Concen: 2.312 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.09 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:166 Resp: 79874

Ion	Ratio	Lower	Upper
166	100		
165	95.3	76.1	114.1
167	15.8	11.1	16.7



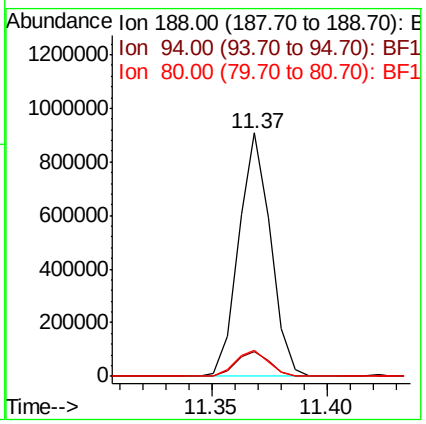


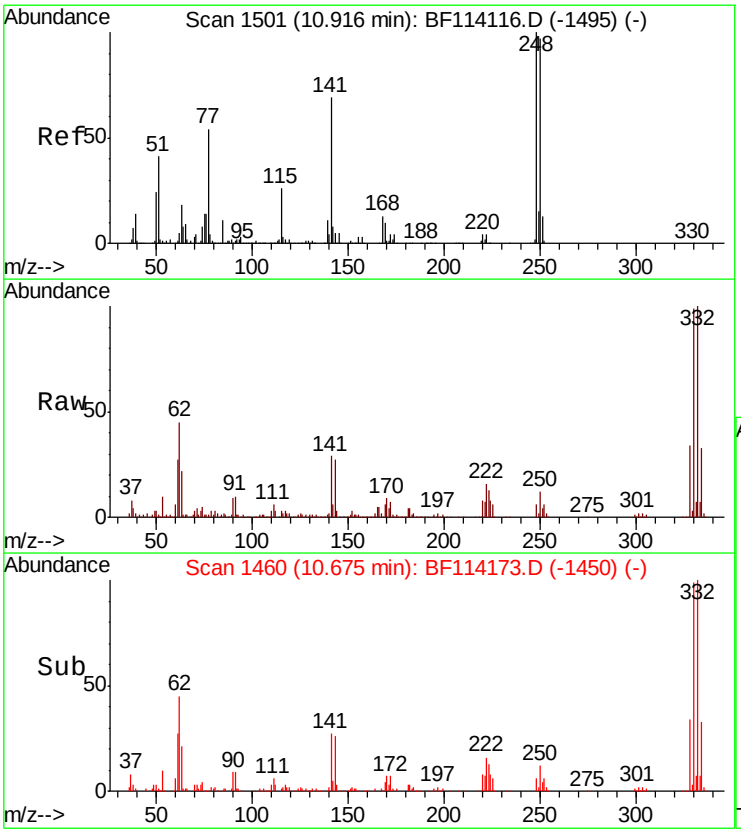
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:188 Resp: 873405

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.4	12.6
80	10.8	9.2	13.8

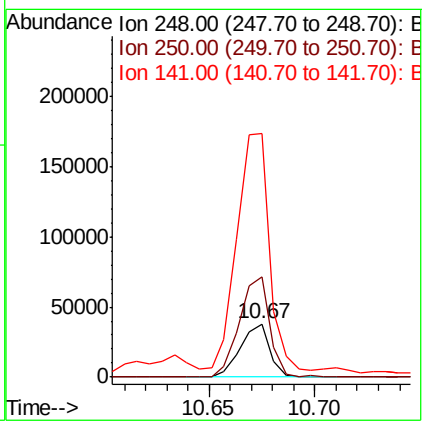


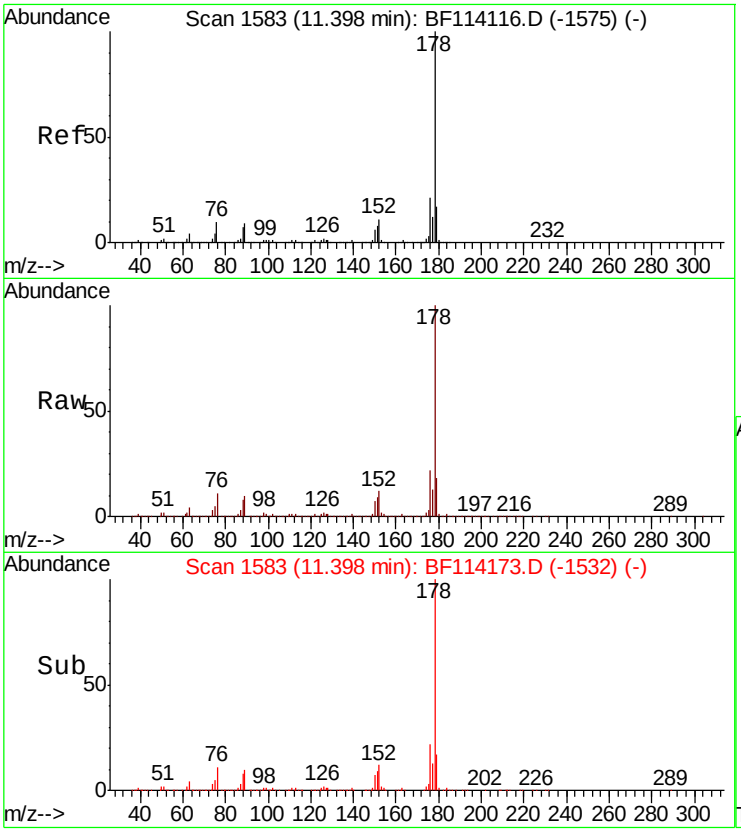


#67
4-Bromophenyl-phenylether
Concen: 3.830 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:248 Resp: 36836

Ion	Ratio	Lower	Upper
248	100		
250	188.1	77.4	116.2#
141	455.5	55.6	83.4#



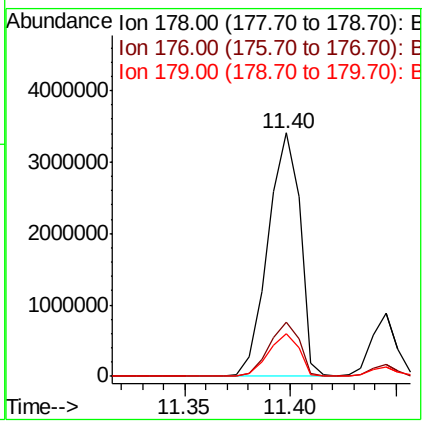


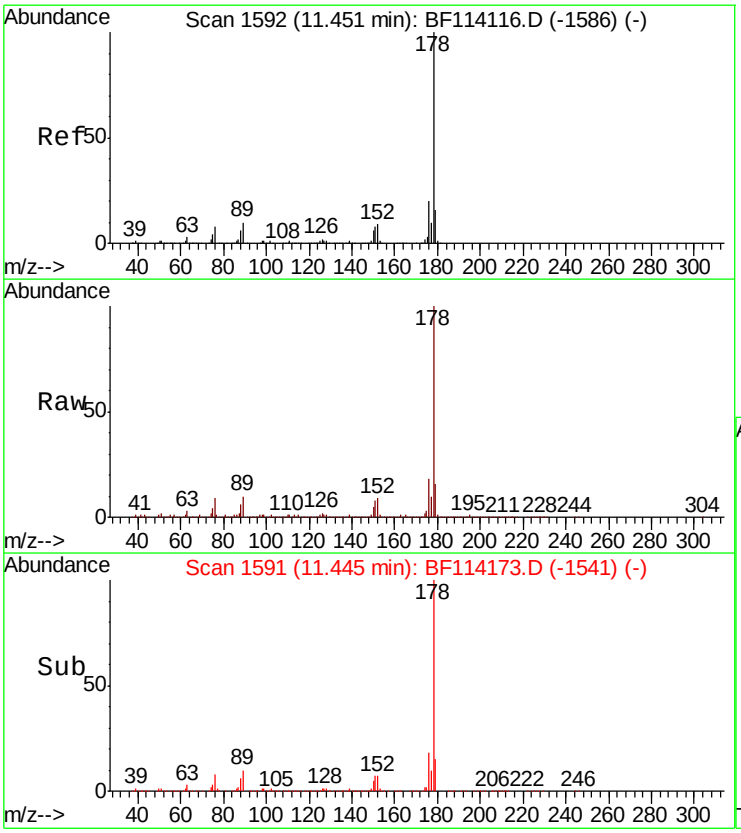
#71
Phenanthrene
Concen: 84.660 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:178 Resp: 3597374

Ion	Ratio	Lower	Upper
178	100		
176	22.1	16.4	24.6
179	17.5	13.2	19.8

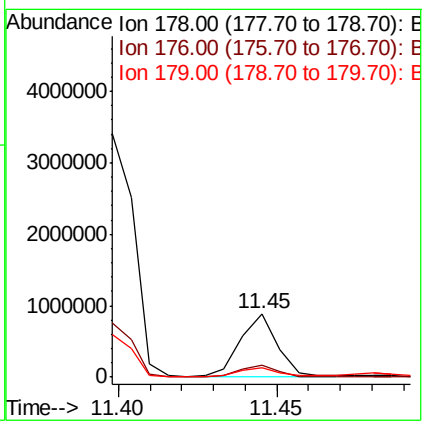


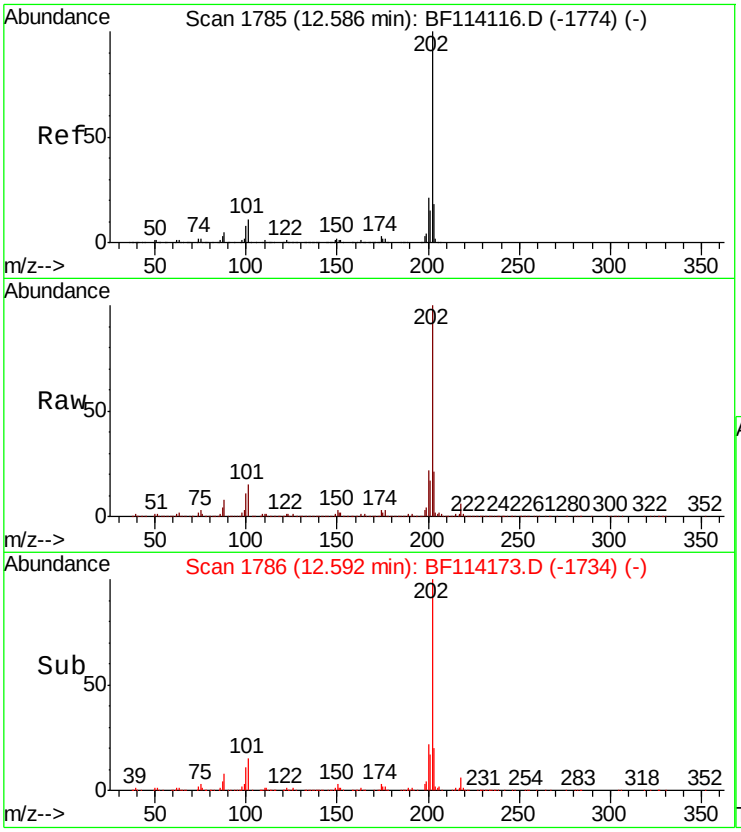


#72
Anthracene
Concen: 16.392 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:178 Resp: 699601

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.5	13.0	19.4



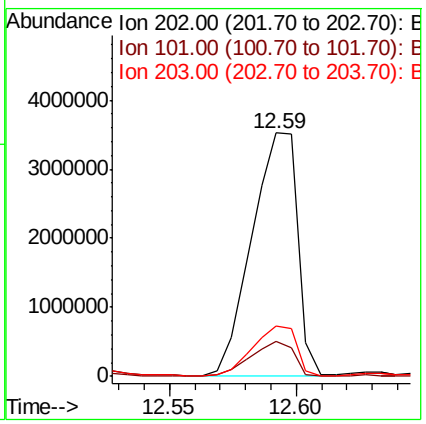


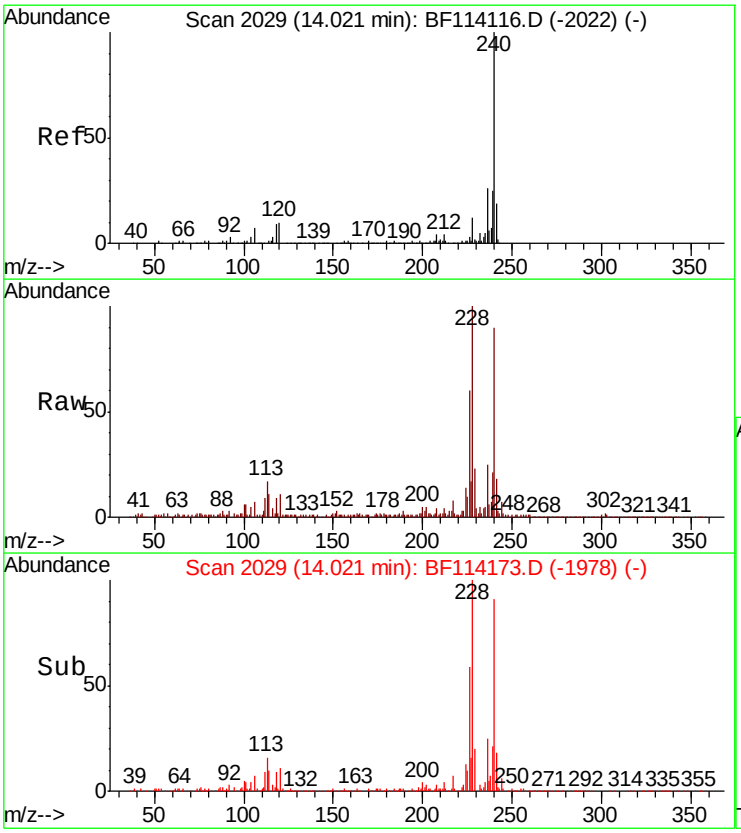
#75
Fluoranthene
Concen: 96.748 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:202 Resp: 4427063

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	31.0
203	20.6	0.0	38.4

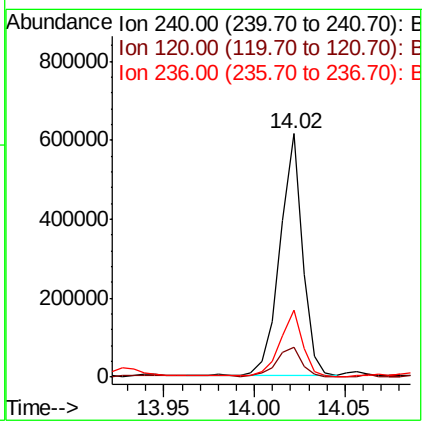


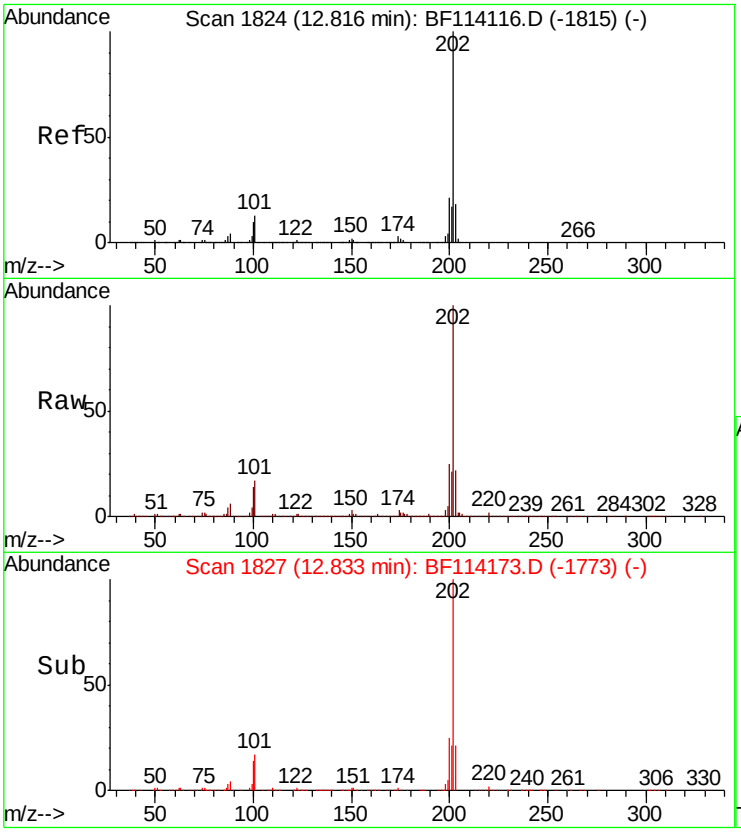


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:240 Resp: 534950

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5#
236	27.7	20.8	31.2



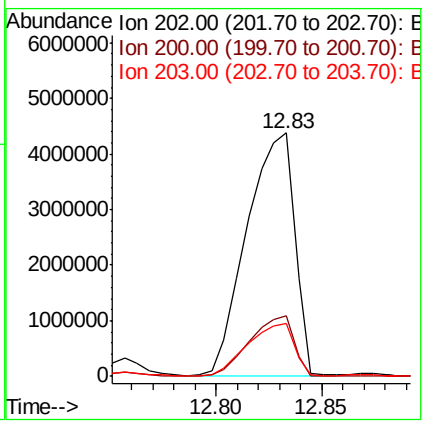


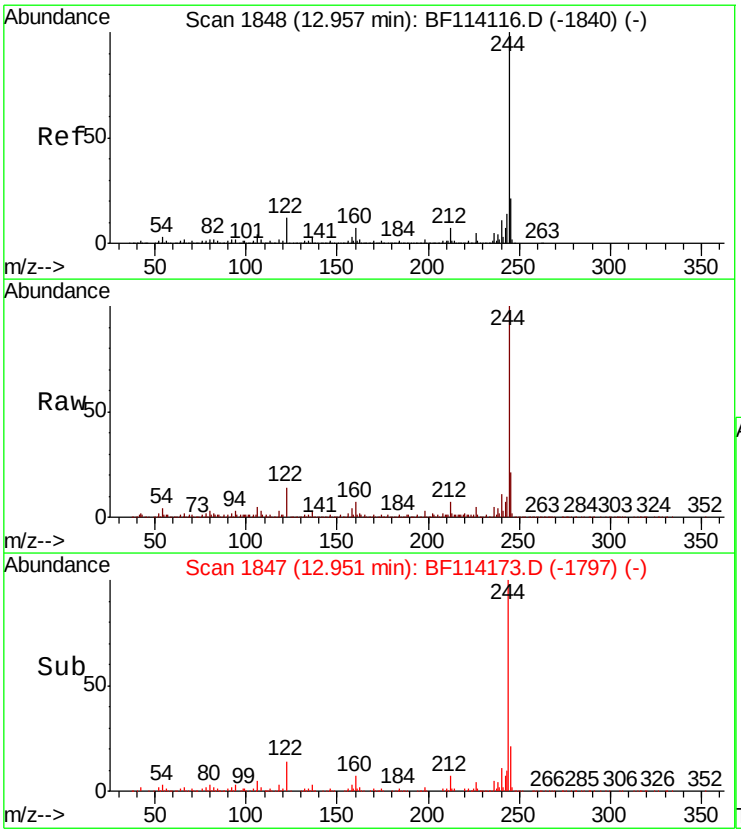
#78
Pyrene
Concen: 159.041 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:202 Resp: 6844192

Ion	Ratio	Lower	Upper
202	100		
200	24.7	16.9	25.3
203	21.6	14.5	21.7

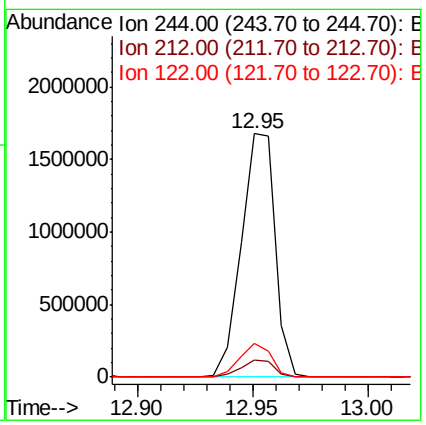


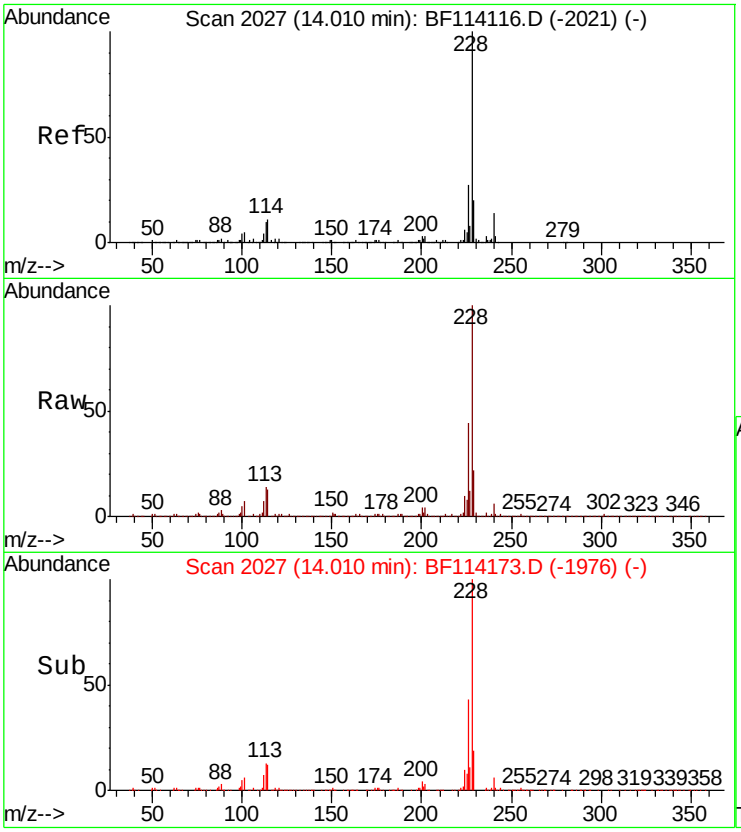


#79
Terphenyl-d14
Concen: 66.008 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:244 Resp: 1712923

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.7	9.4	14.2



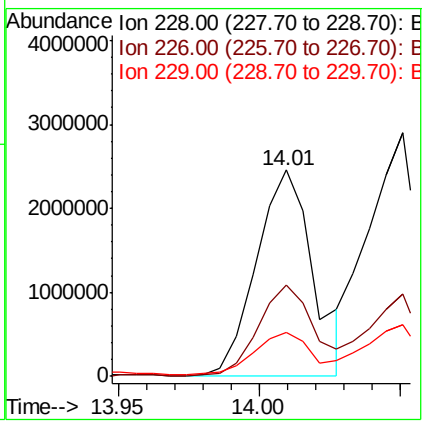


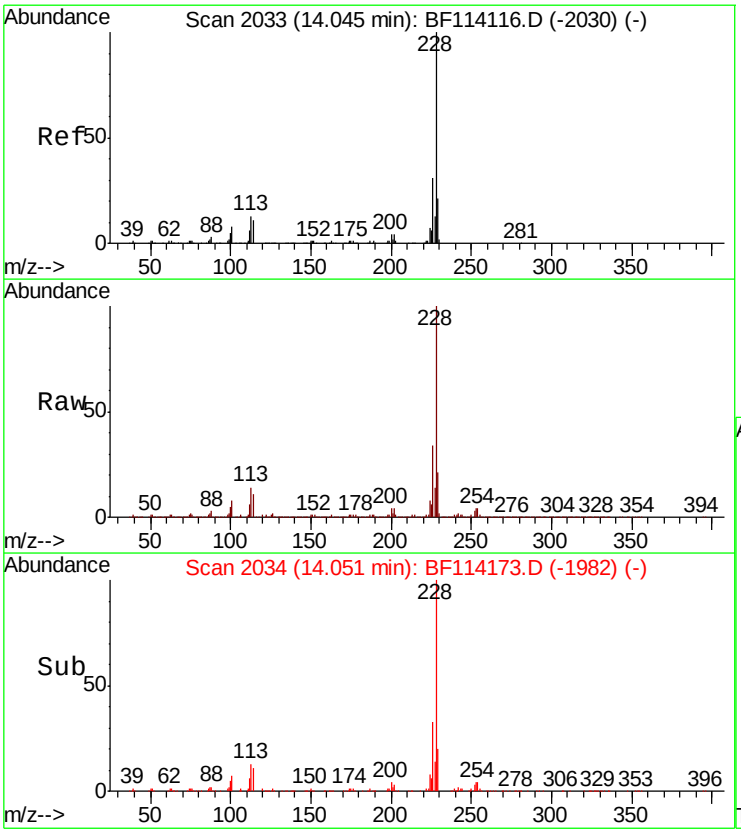
#81
Benzo(a)anthracene
Concen: 98.091 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:228 Resp: 3393977

Ion	Ratio	Lower	Upper
228	100		
226	44.2	22.2	33.2#
229	21.5	16.4	24.6

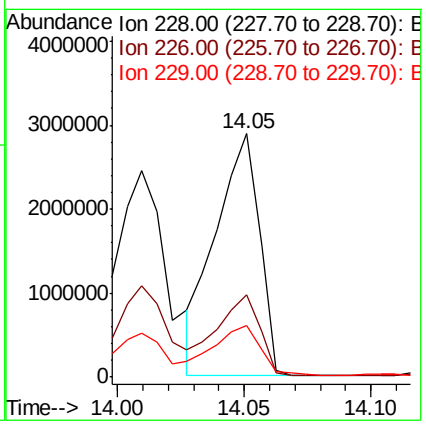


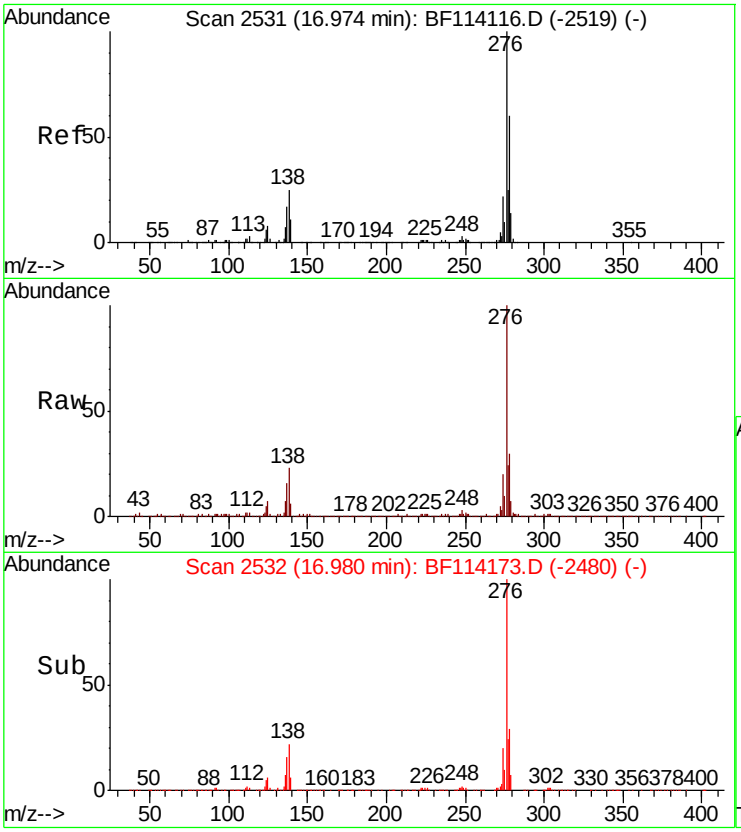


#83
Chrysene
Concen: 102.660 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:228 Resp: 3482011

Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.0	37.6
229	21.3	17.0	25.6



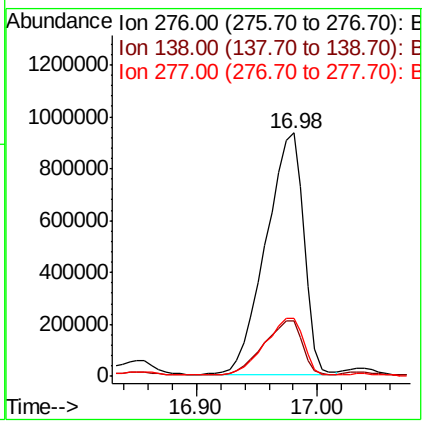


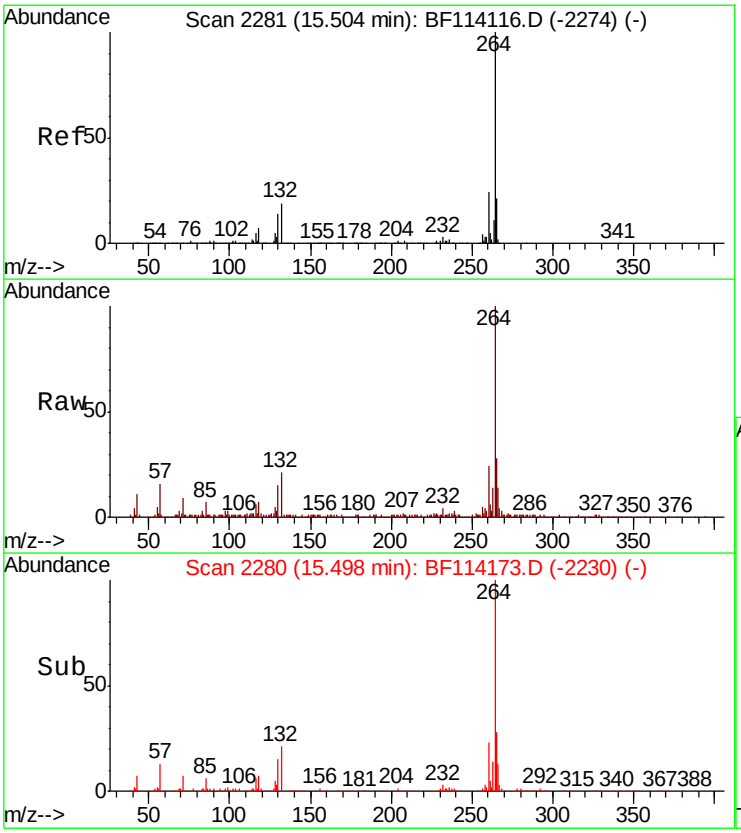
#86
Indeno(1,2,3-cd)pyrene
Concen: 67.639 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:276 Resp: 2027549

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.2	30.2
277	24.0	20.0	30.0

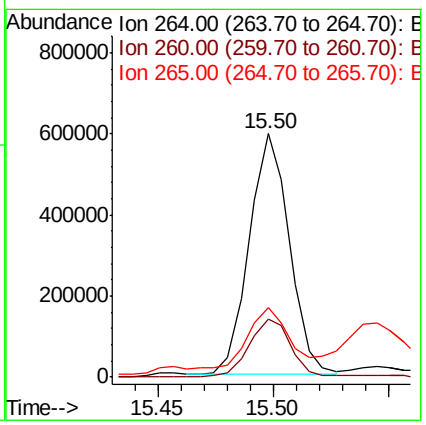


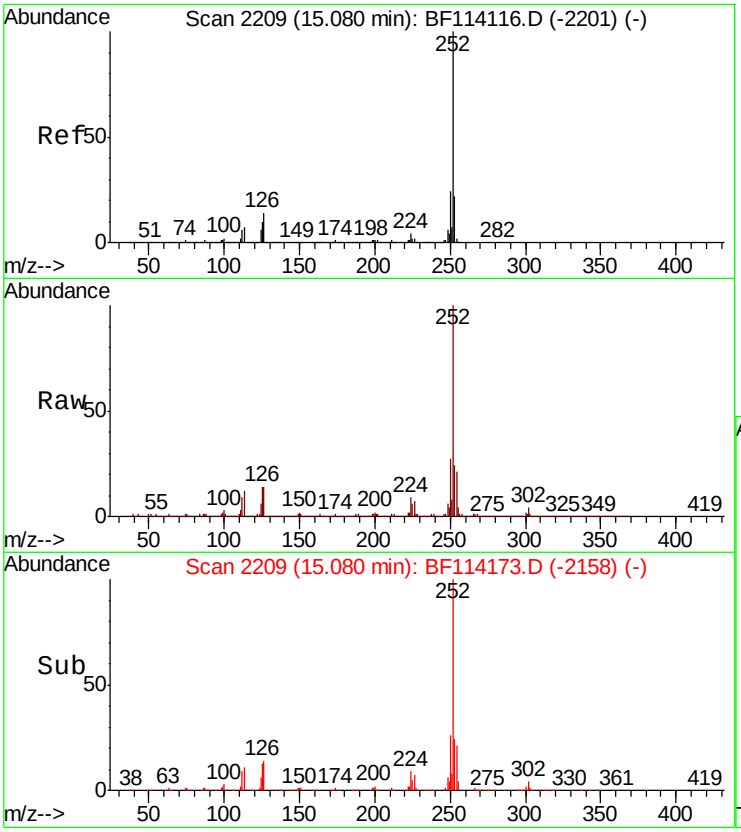


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:264 Resp: 722114

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	28.3	16.9	25.3#



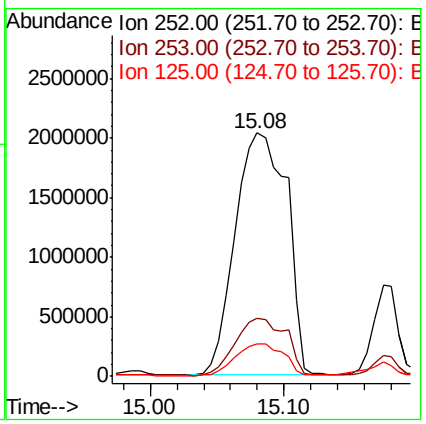


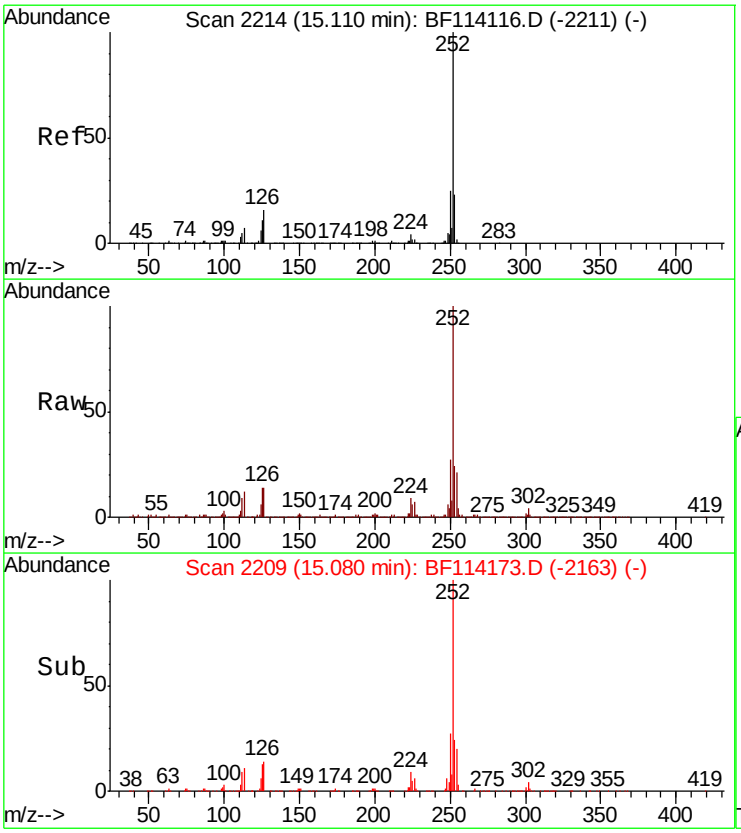
#88
Benzo(b)fluoranthene
Concen: 118.296 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:252 Resp: 5472697

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	13.5	8.3	12.5#

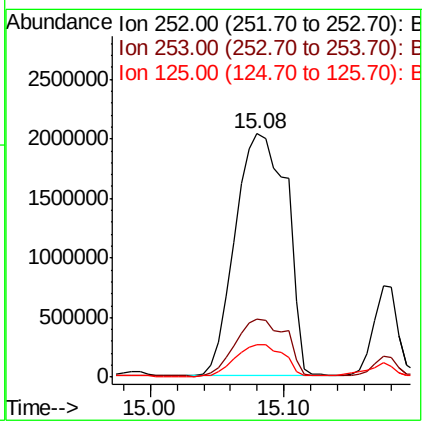


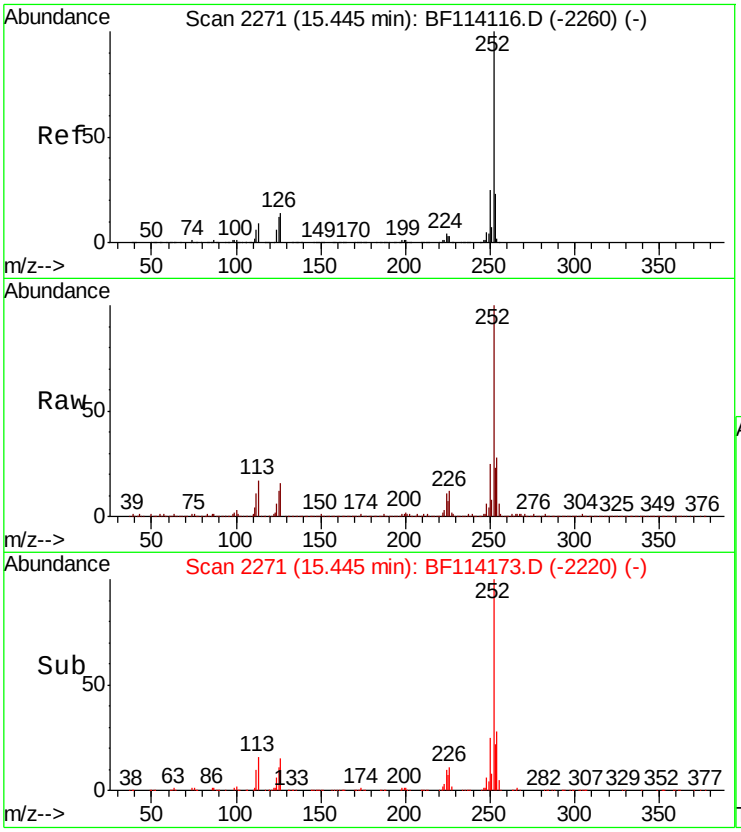


#89
Benzo(k)fluoranthene
Concen: 128.778 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:252 Resp: 5472697

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	13.5	8.6	13.0#



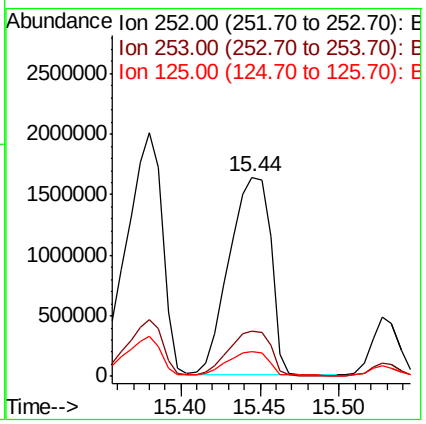


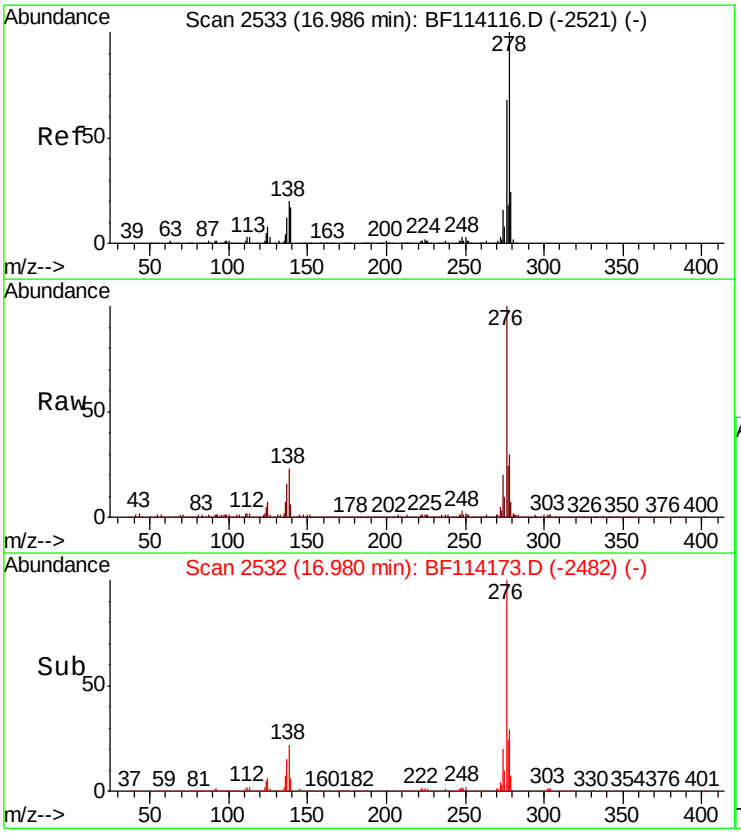
#90
Benzo(a)pyrene
Concen: 73.085 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:252 Resp: 2975657

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	12.4	9.5	14.3

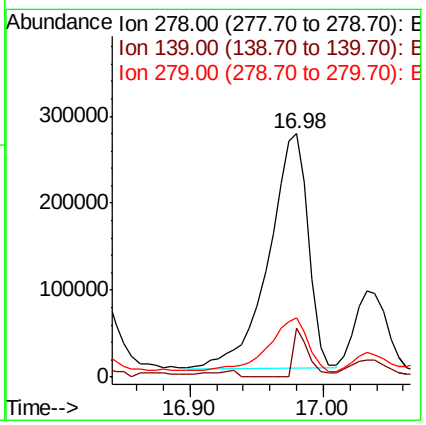


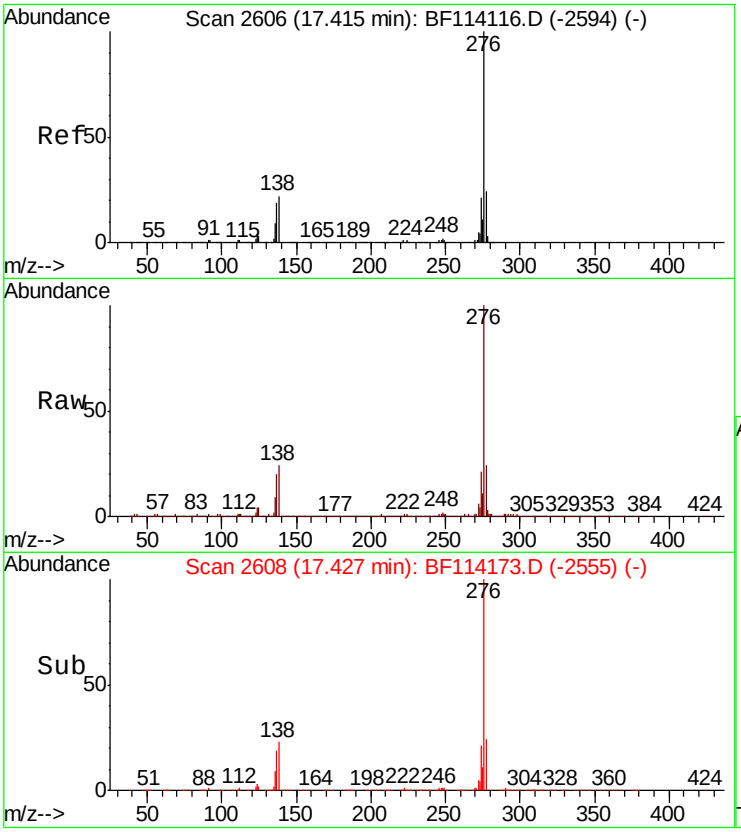


#91
Dibenzo(a,h)anthracene
Concen: 16.437 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Tgt Ion:278 Resp: 556102

Ion	Ratio	Lower	Upper
278	100		
139	20.2	13.5	20.3
279	24.4	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 65.072 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BF114173.D
Acq: 12 May 2019 00:26

Instrument :
BNA_F
ClientSampleId :
P026-SS005-0002-01

Tgt Ion:276 Resp: 2206271

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	23.7	17.8	26.6