Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114916.D
Acq On : 8 Jun 2019 3:11
Operator : HP/JU
Sample : K3250-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHIMNEY-1

Quant Time: Jun 08 05:21:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	306576	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1133327	20.00	ng		-0.01
39) Acenaphthene-d10	9.69	164	506049	20.00	ng		-0.01
64) Phenanthrene-d10	11.16	188	809721	20.00	ng		0.00
76) Chrysene-d12	13.79	240	588442	20.00	ng		0.00
87) Perylene-d12	15.17	264	438696	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1000008	57.00	ng		0.01
7) Phenol-d6	6.30	99	1217291	57.02	ng		0.00
23) Nitrobenzene-d5	7.22	82	700096	38.03	ng		-0.01
42) 2,4,6-Tribromophenol	10.47	330	256678	47.07	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1337926	49.53	ng		-0.01
79) Terphenyl-d14	12.75	244	1082123	35.76	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.22	82	695375	19.105	ng	#	61
27) 2,4-Dimethylphenol	7.73	122	211646	13.480	ng	#	8
32) Benzoic acid	7.73	122	211646	18.508	ng		98
37) 2-Methylnaphthalene	8.65	142	131943	3.728	ng		98
38) 1-Methylnaphthalene	8.65	142	131943	3.931	ng		99
47) 2-Chloronaphthalene	9.22	162	67729	2.125	ng	#	42
50) Dimethylphthalate	9.41	163	84976	2.299	ng		98
53) 3-Nitroaniline	9.69	138	55579	5.474	ng	#	16
56) 4-Nitrophenol	9.82	139	98842	13.284	ng		94
58) Fluorene	10.23	166	22948	Below Cal		#	81
71) Phenanthrene	11.19	178	293746	7.599	ng		99
72) Anthracene	11.19	178	293746	7.221	ng		99
75) Fluoranthene	12.37	202	160829	3.997	ng		95
78) Pyrene	12.60	202	146466	2.869	ng		97
81) Benzo(a)anthracene	13.81	228	95697	2.110	ng		92
83) Chrysene	13.81	228	95697	2.169	ng		95
88) Benzo(b)fluoranthene	14.79	252	110565	3.959	ng	#	86
89) Benzo(k)fluoranthene	14.79	252	110663	4.666	ng	#	87
92) Benzo(g,h,i)perylene	16.87	276	46502	2.020	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114916.D
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ALS Vial : 18 Sample Multiplier: 1

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QLast Update : Tue Jun 04 16:57:15 2019
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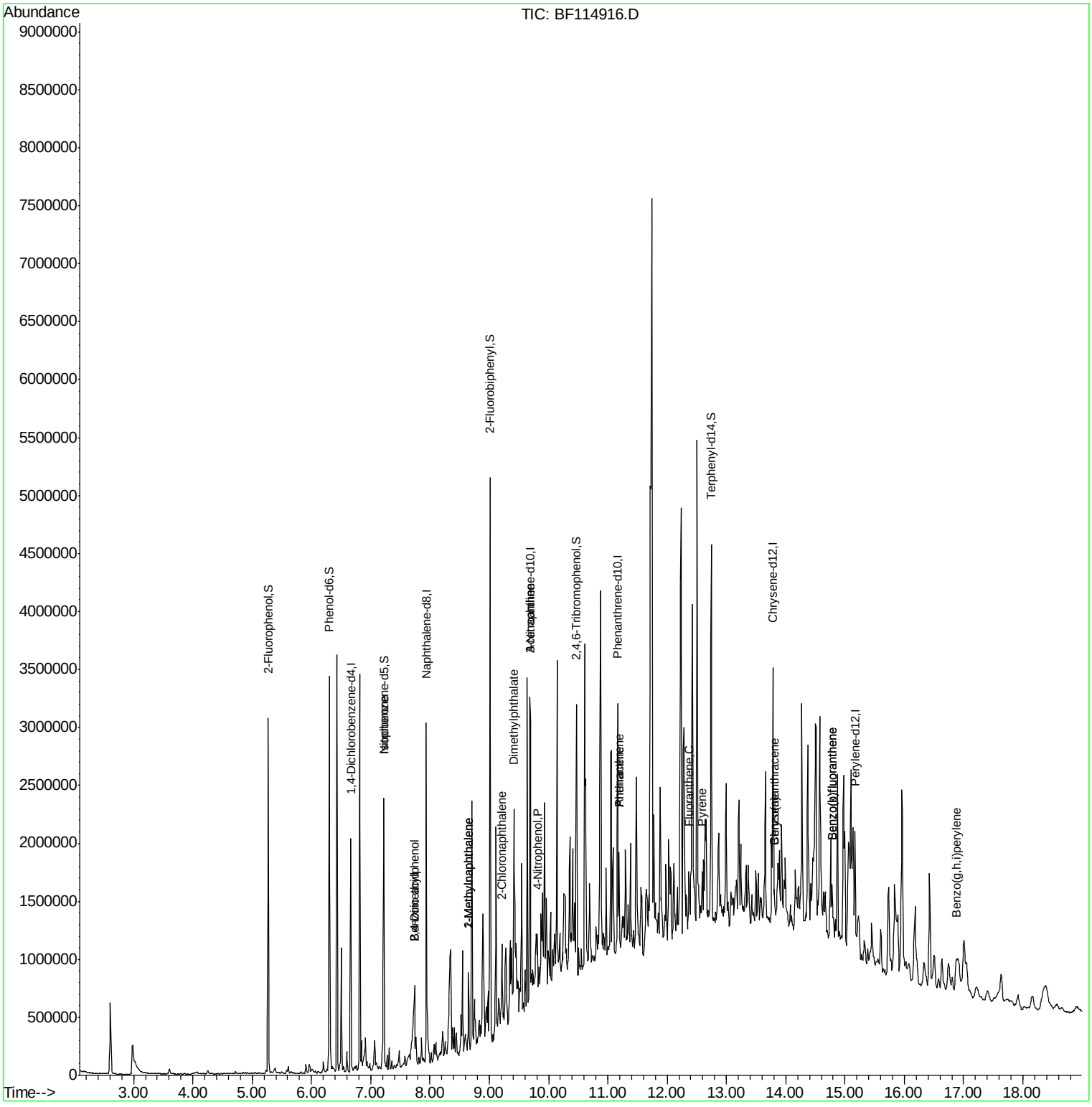
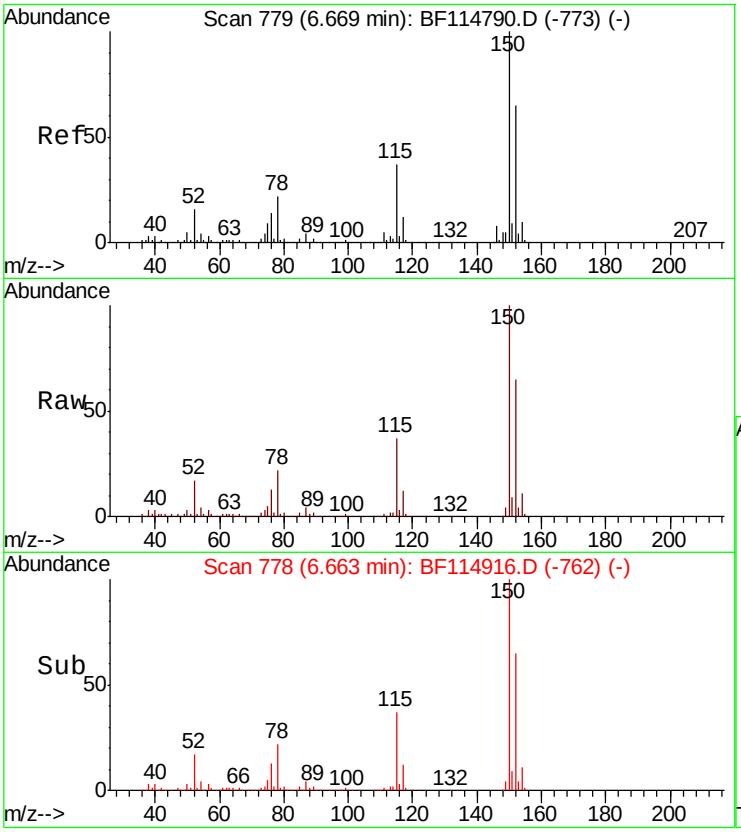


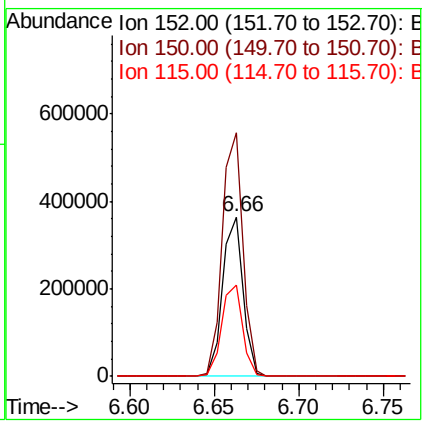


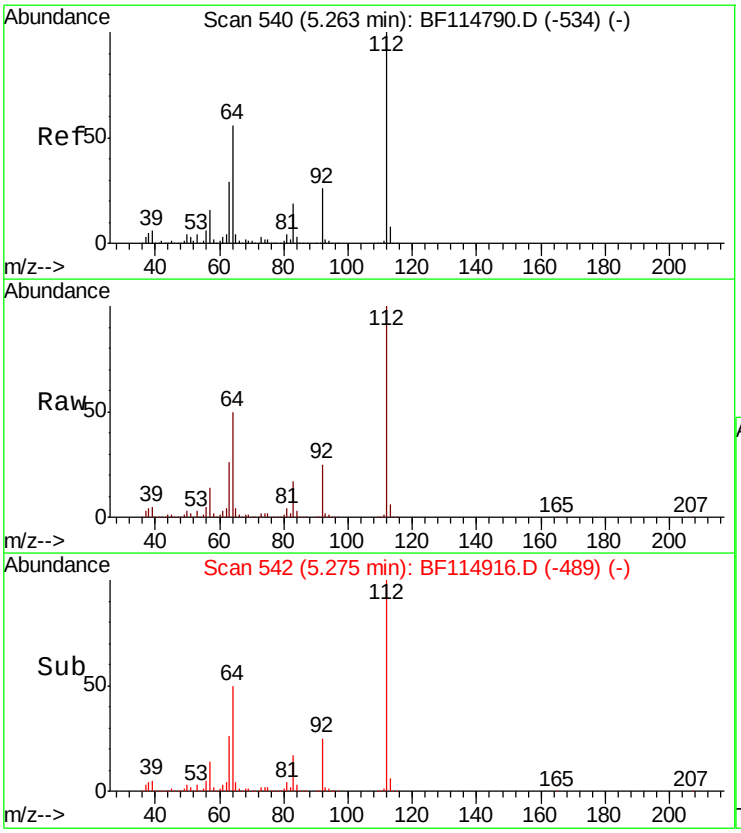
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:152 Resp: 306576

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.0	186.0
115	57.1	46.3	69.5

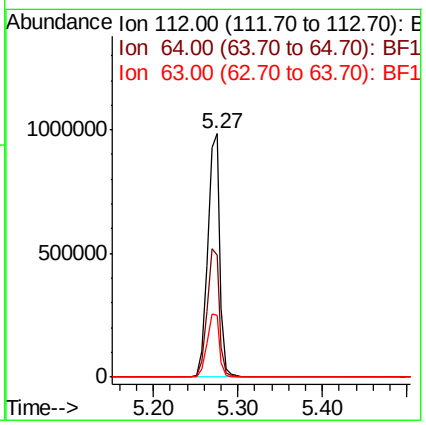


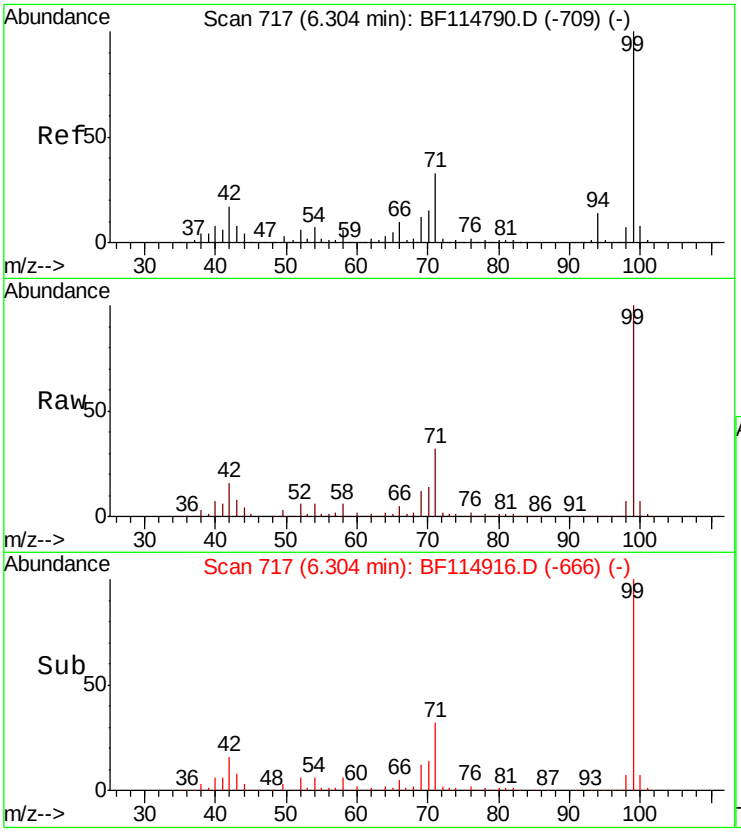


#5
2-Fluorophenol
Concen: 56.996 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:112 Resp: 1000008

Ion	Ratio	Lower	Upper
112	100		
64	50.3	44.6	66.8
63	25.5	23.0	34.4



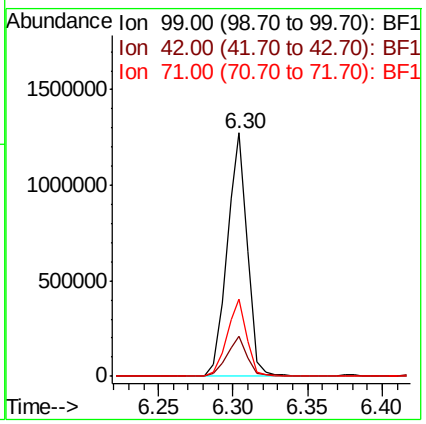


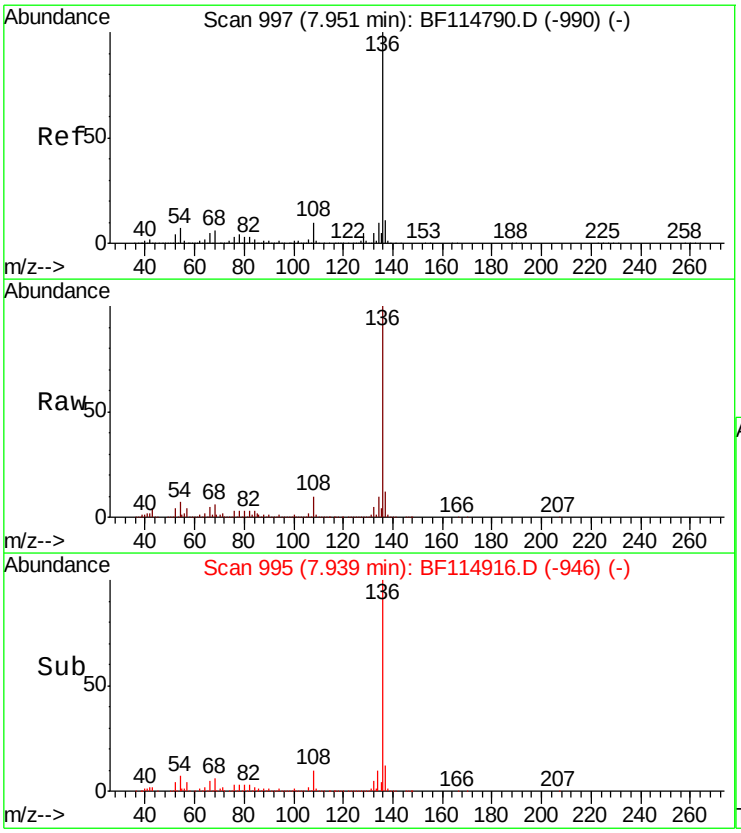
#7
Phenol-d6
Concen: 57.019 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion: 99 Resp: 1217291

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.3	19.9
71	32.0	26.3	39.5

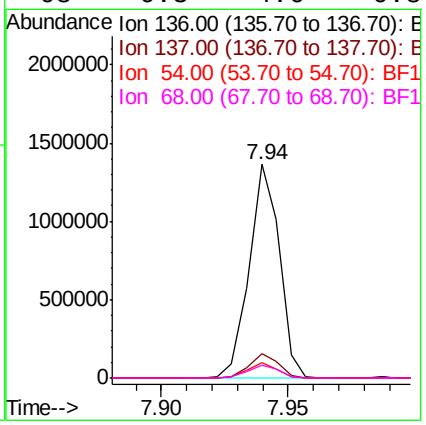


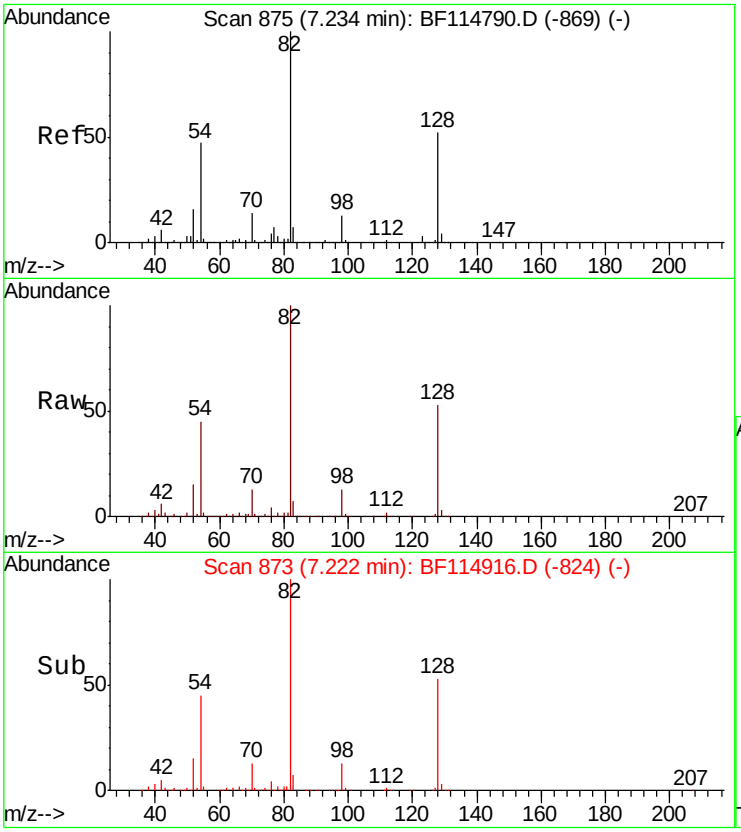


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:136 Resp: 1133327

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.5	5.4	8.0
68	6.3	4.6	6.8



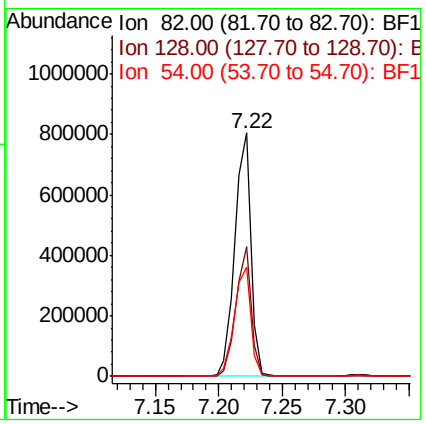


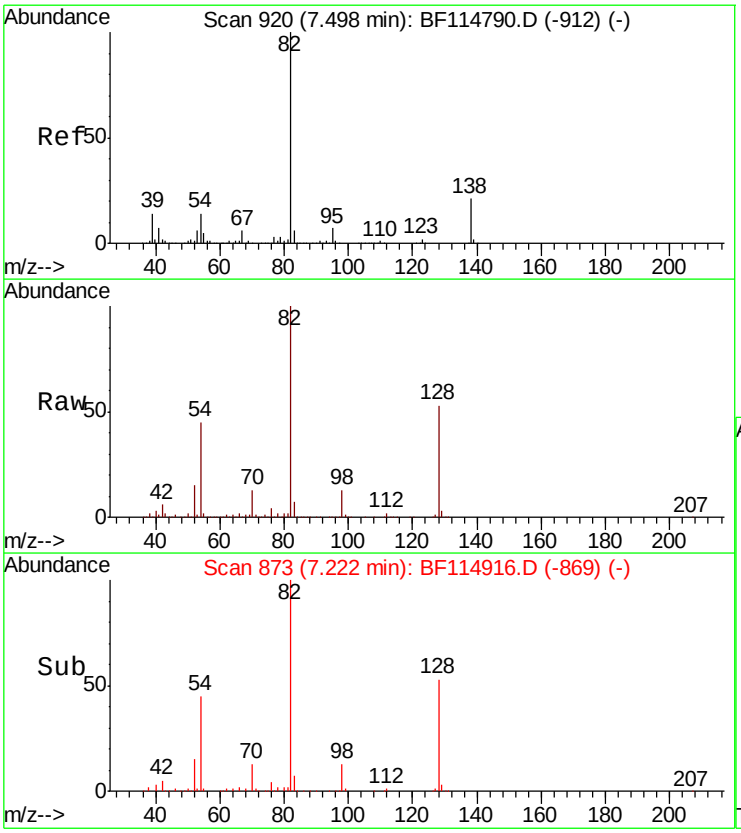
#23
Nitrobenzene-d5
Concen: 38.027 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion: 82 Resp: 700096

Ion	Ratio	Lower	Upper
82	100		
128	53.1	41.8	62.6
54	44.7	37.9	56.9

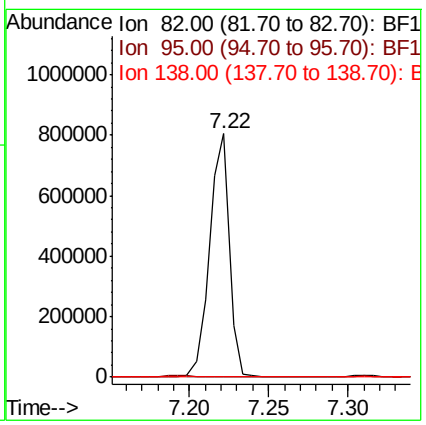


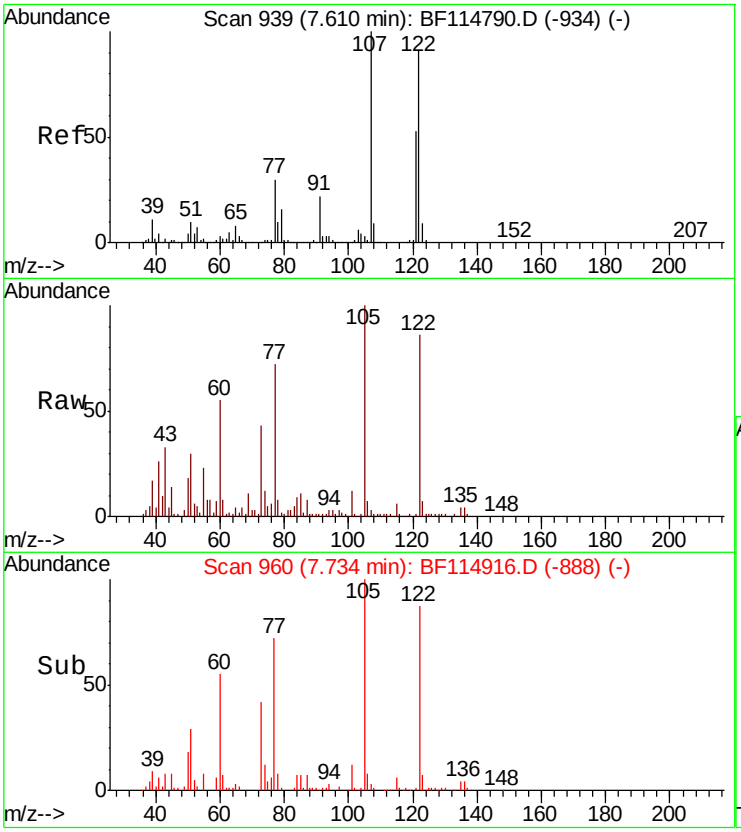


#25
Isophorone
Concen: 19.105 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion: 82 Resp: 695375

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.8#
138	0.0	16.9	25.3#



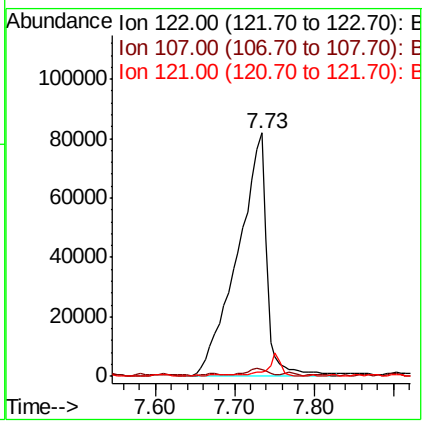


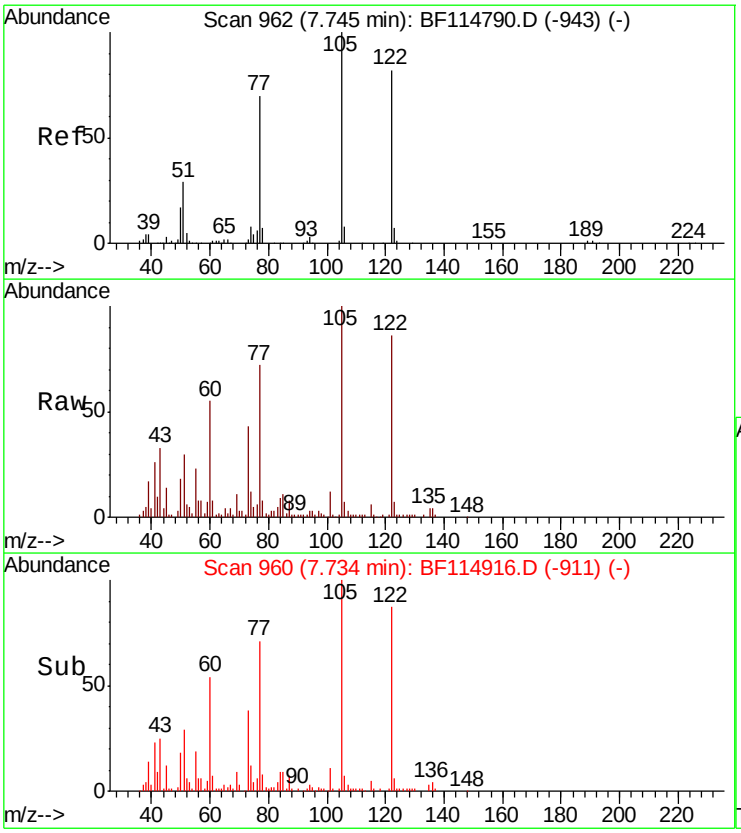
#27
2,4-Dimethylphenol
Concen: 13.480 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.12 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:122 Resp: 211646

Ion	Ratio	Lower	Upper
122	100		
107	3.1	87.9	131.9#
121	1.6	46.4	69.6#

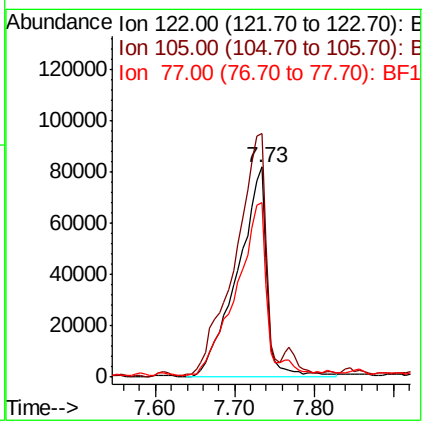


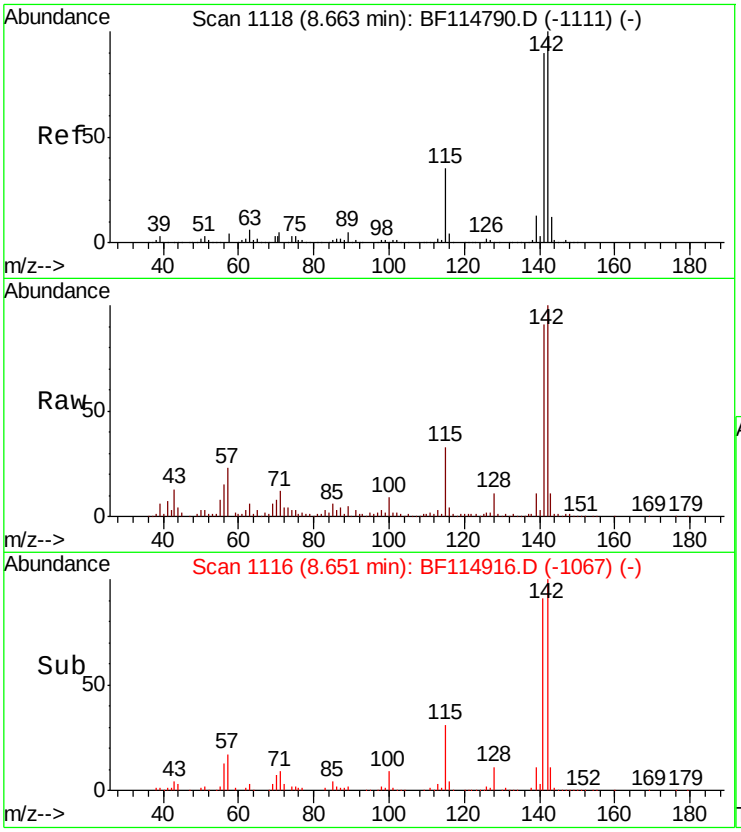


#32
Benzoic acid
Concen: 18.508 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:122 Resp: 211646

Ion	Ratio	Lower	Upper
122	100		
105	116.0	98.7	138.7
77	83.4	64.8	104.8



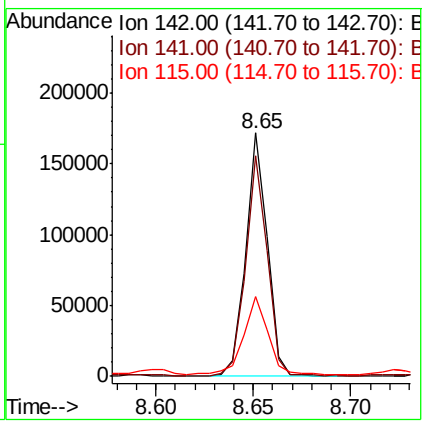


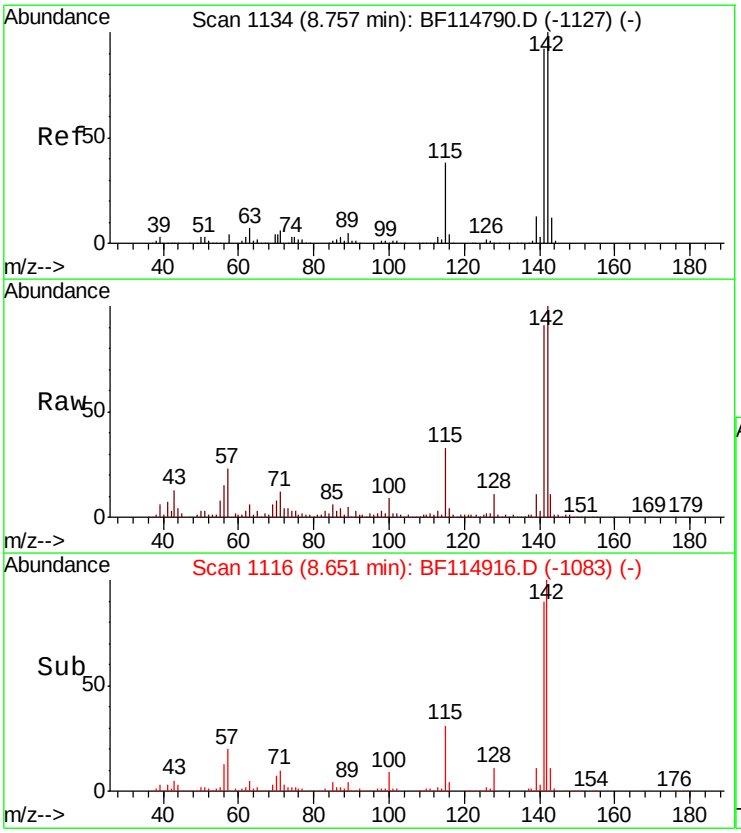
#37
2-Methylnaphthalene
Concen: 3.728 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:142 Resp: 131943

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4
115	32.9	28.2	42.4

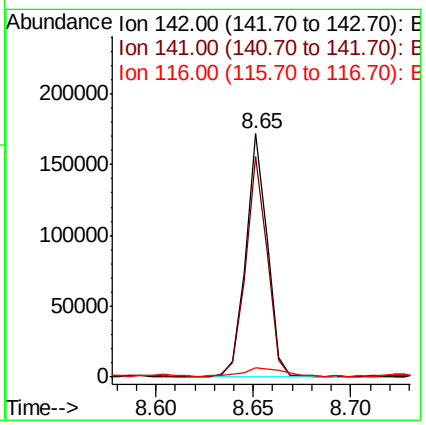


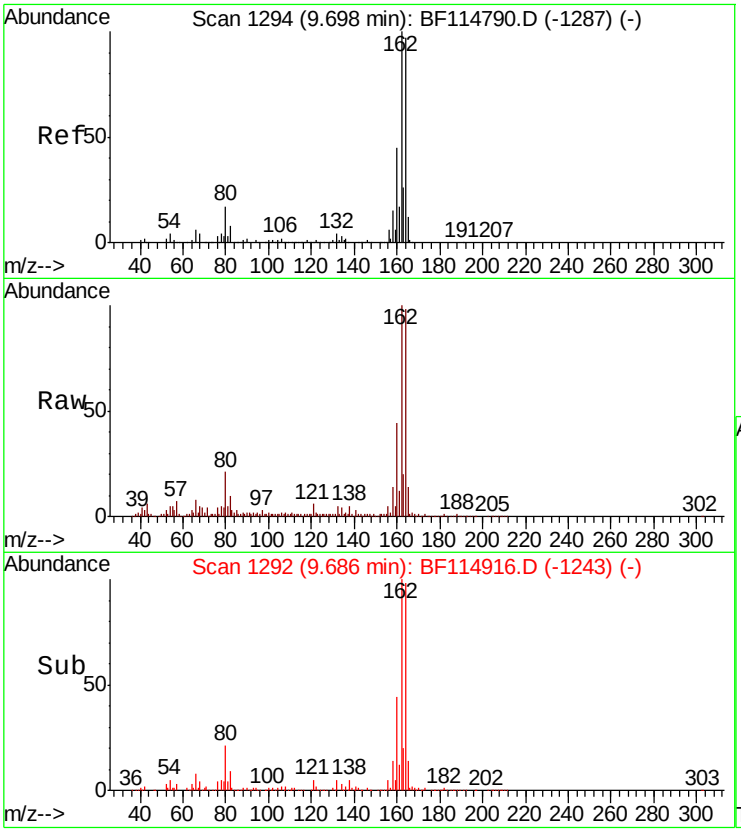


#38
1-Methylnaphthalene
Concen: 3.931 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.11 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:142 Resp: 131943

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.8	110.6
116	4.1	3.3	4.9



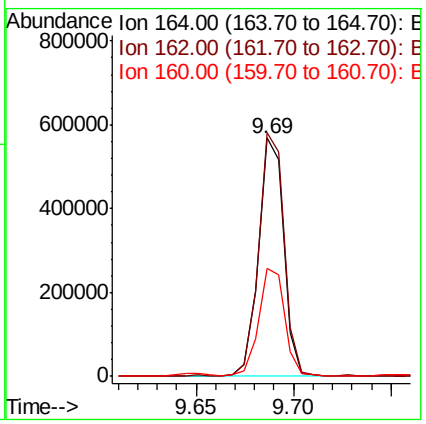


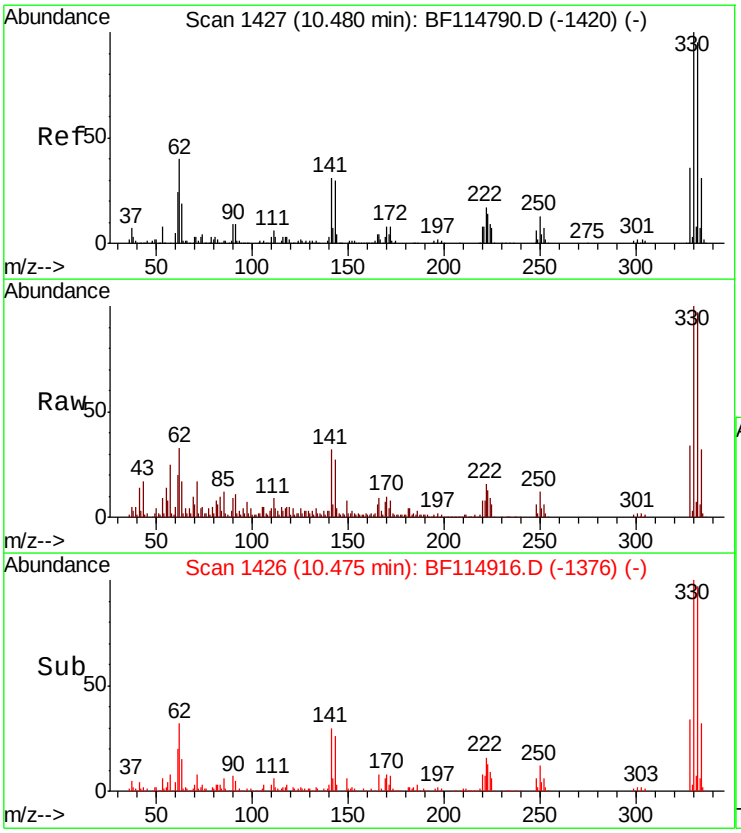
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:164 Resp: 506049

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.3	123.5
160	45.4	36.7	55.1

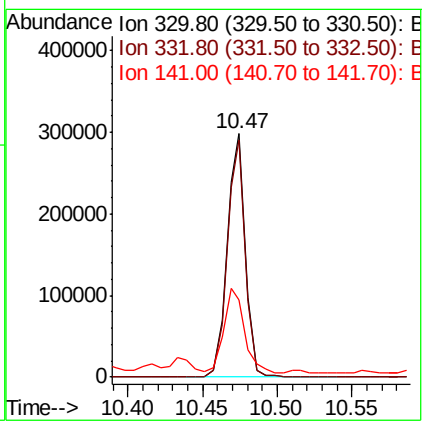


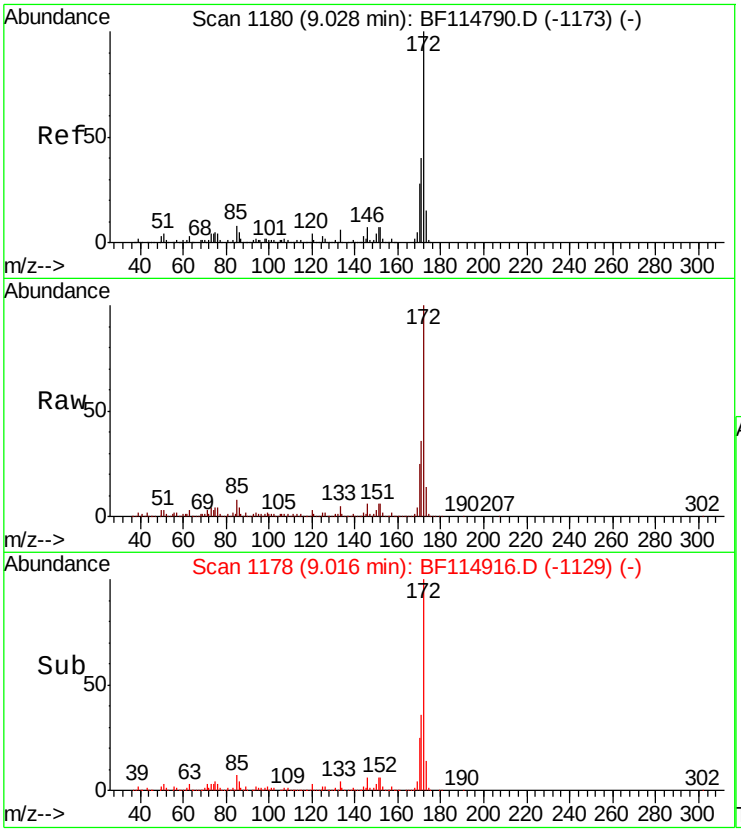


#42
2,4,6-Tribromophenol
Concen: 47.067 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:330 Resp: 256678

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	39.5	26.2	39.4#



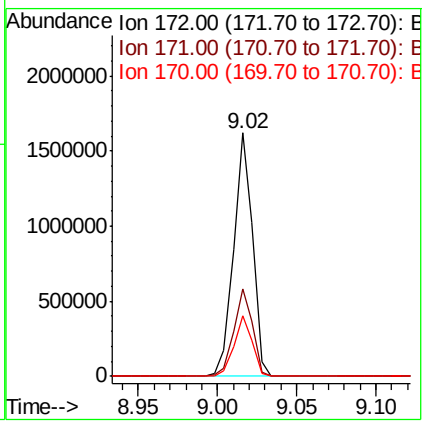


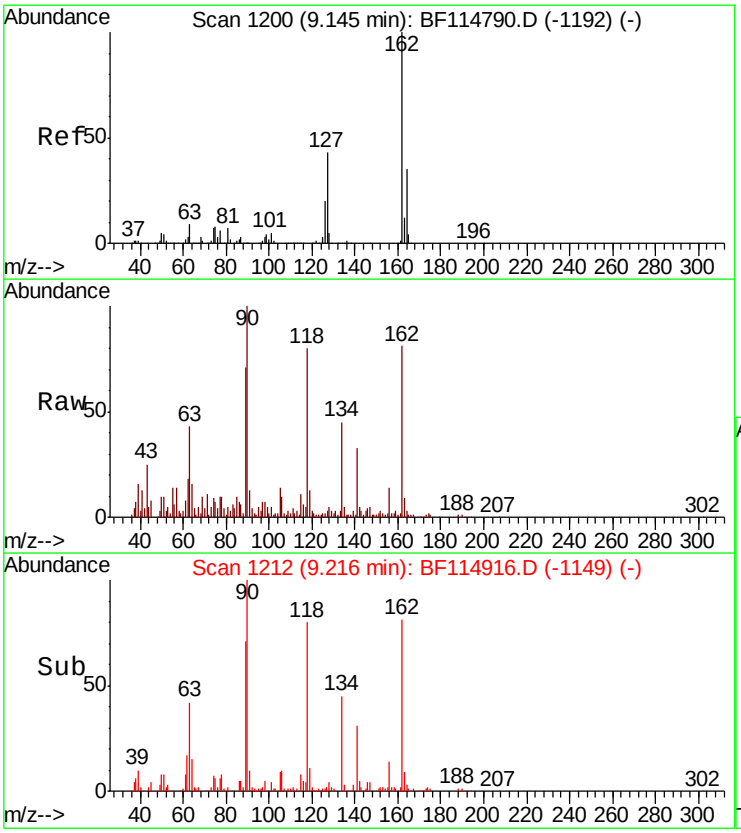
#45
2-Fluorobiphenyl
Concen: 49.527 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:172 Resp: 1337926

Ion	Ratio	Lower	Upper
172	100		
171	35.9	32.3	48.5
170	24.6	22.4	33.6

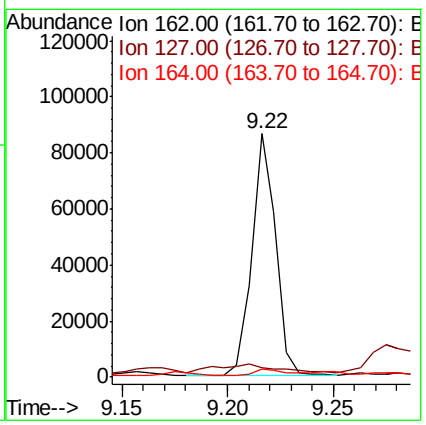


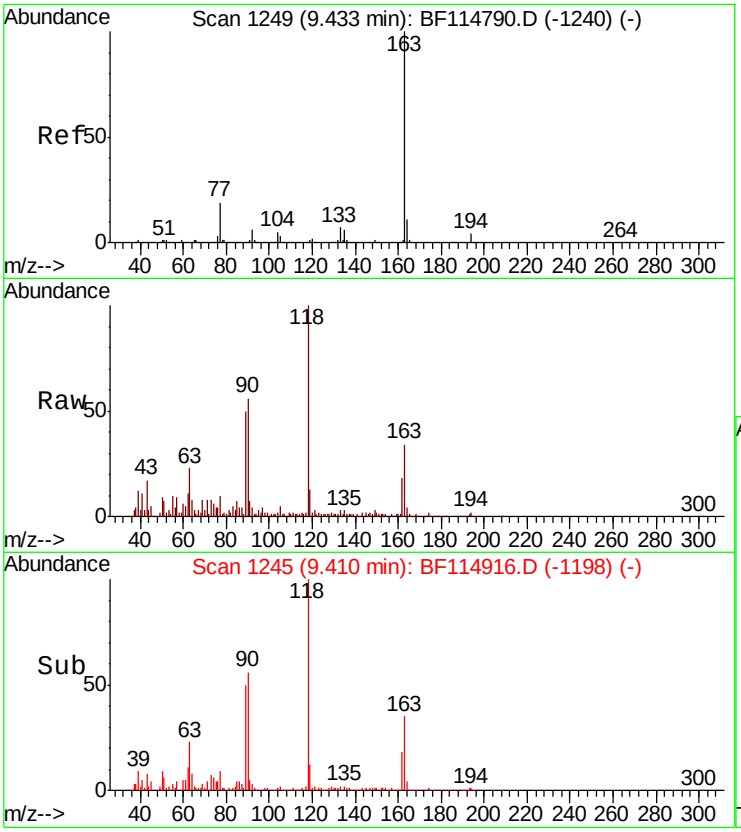


#47
2-Chloronaphthalene
Concen: 2.125 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.07 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:162 Resp: 67729

Ion	Ratio	Lower	Upper
162	100		
127	3.7	34.6	51.8#
164	3.2	27.8	41.8#



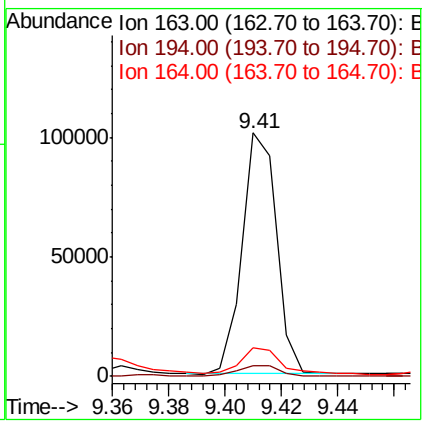


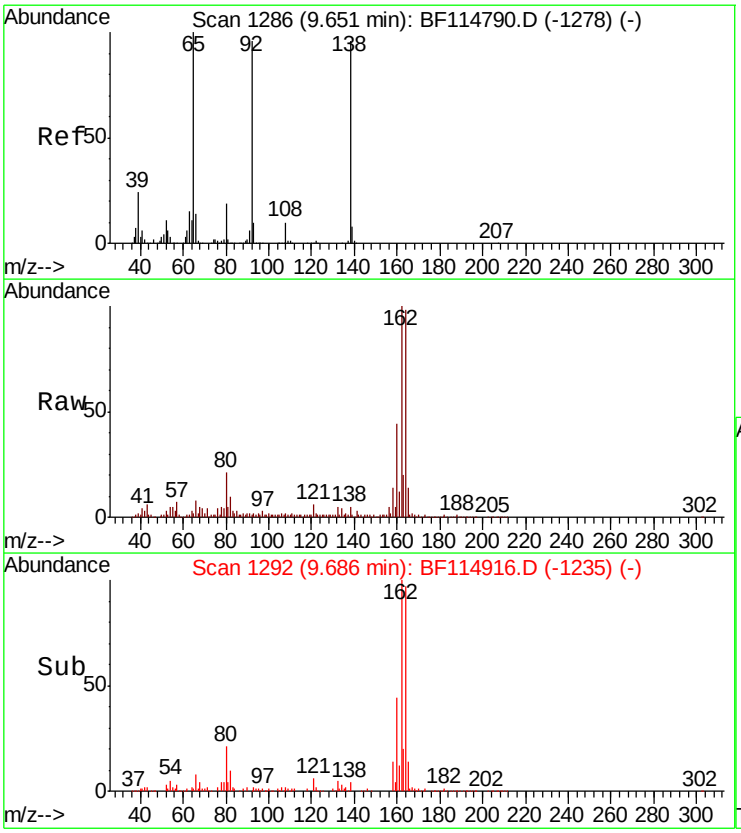
#50
Dimethylphthalate
Concen: 2.299 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:163 Resp: 84976

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	11.8	8.6	13.0

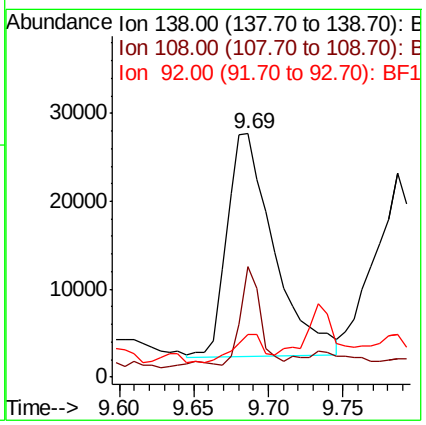


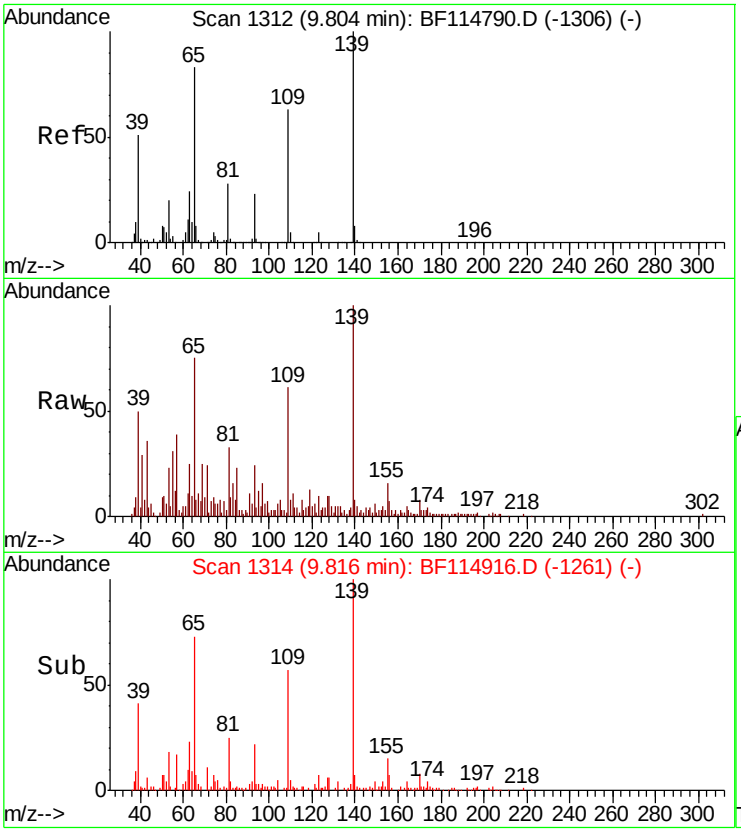


#53
3-Nitroaniline
Concen: 5.474 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.04 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:138 Resp: 55579

Ion	Ratio	Lower	Upper
138	100		
108	45.4	7.9	11.9#
92	17.5	79.9	119.9#



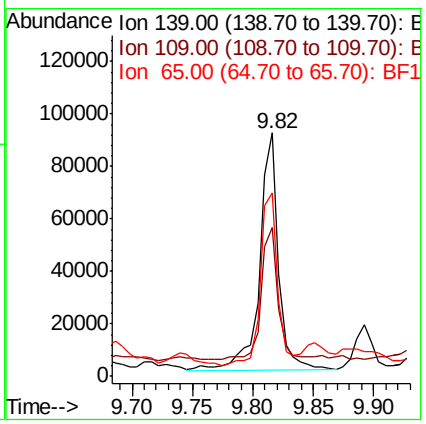


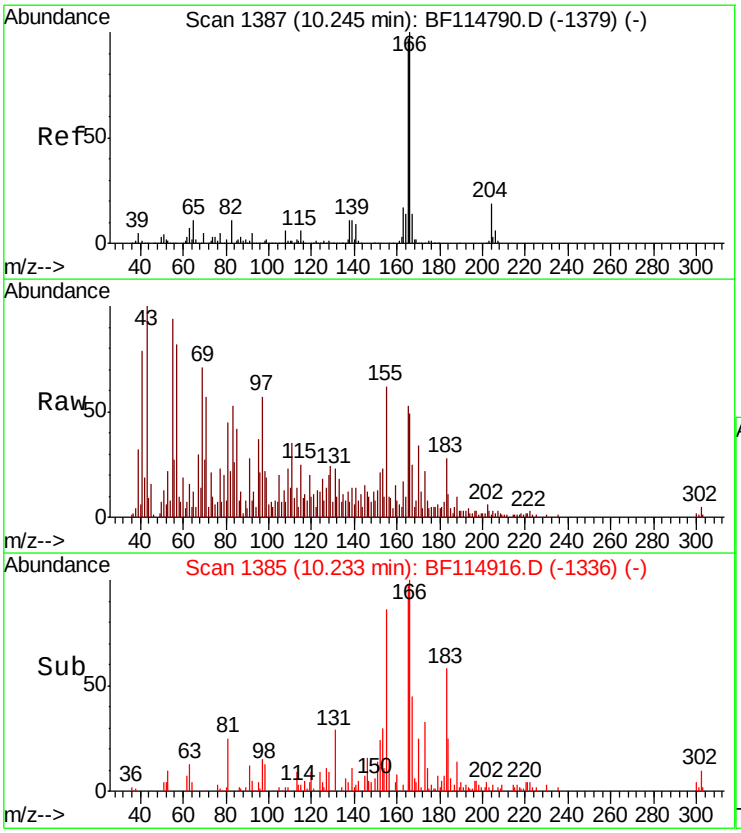
#56
4-Nitrophenol
Concen: 13.284 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:139 Resp: 98842

Ion	Ratio	Lower	Upper
139	100		
109	60.9	43.5	83.5
65	75.2	63.2	103.2

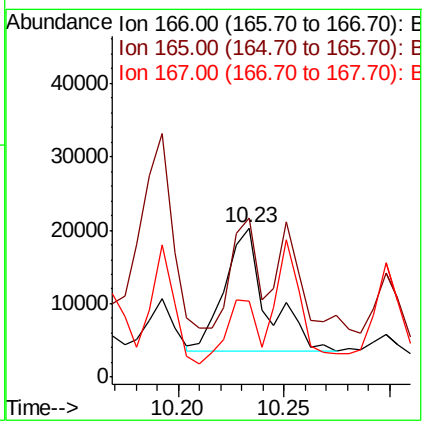


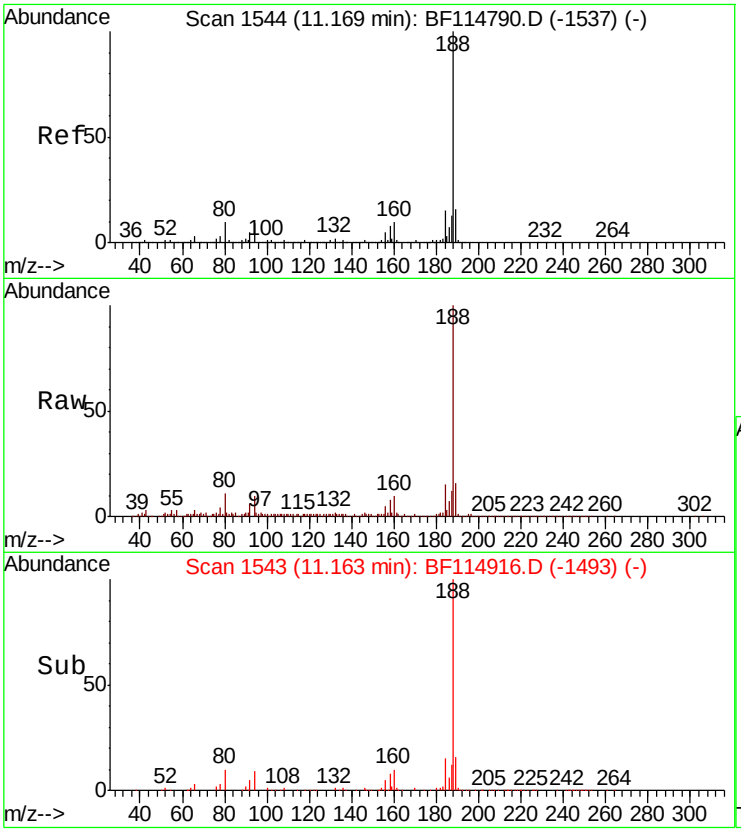


#58
Fluorene
Concen: Below Cal
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:166 Resp: 22948

Ion	Ratio	Lower	Upper
166	100		
165	106.3	77.9	116.9
167	50.5	11.3	16.9#



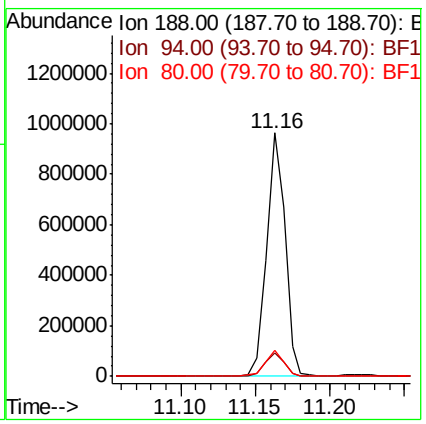


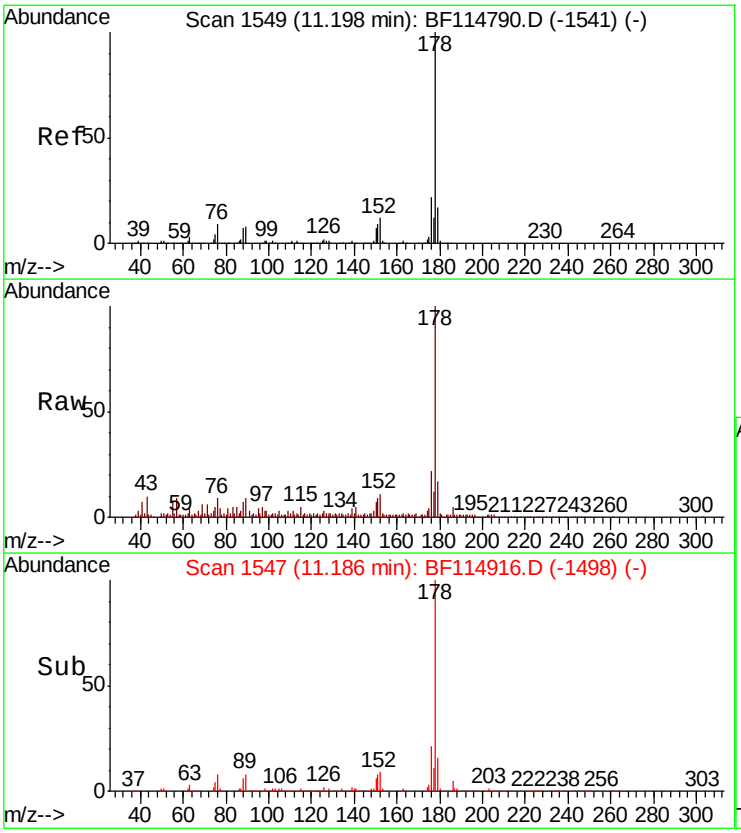
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:188 Resp: 809721

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.6	11.4
80	10.5	8.3	12.5

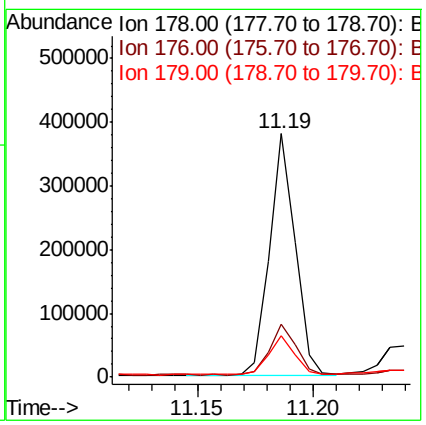


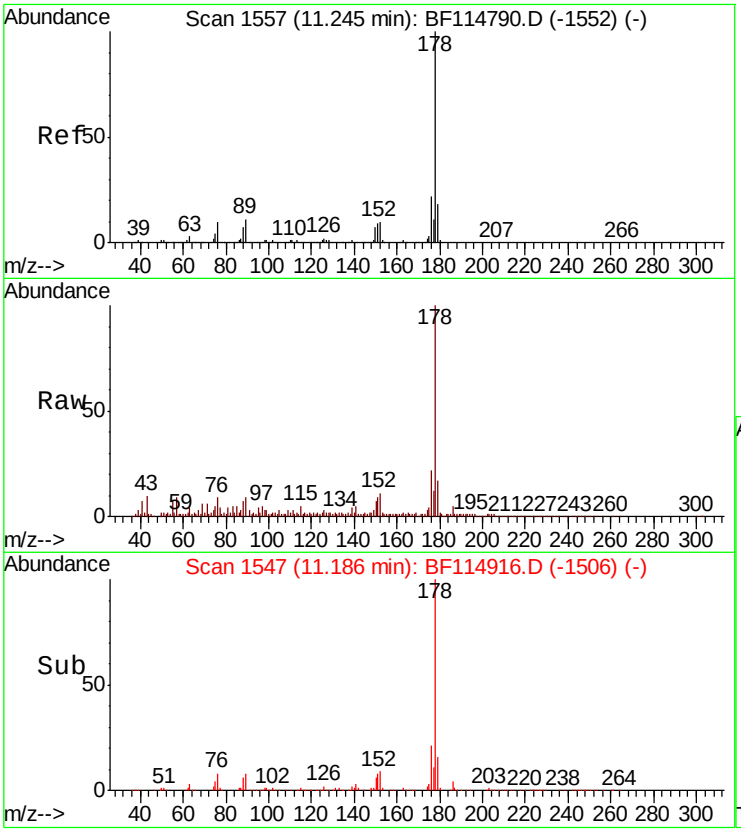


#71
Phenanthrene
Concen: 7.599 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:178 Resp: 293746

Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.7	26.5
179	17.0	13.7	20.5



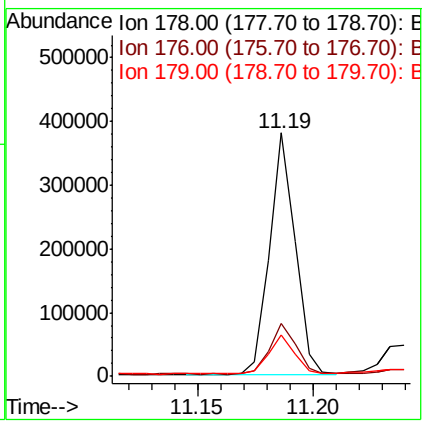


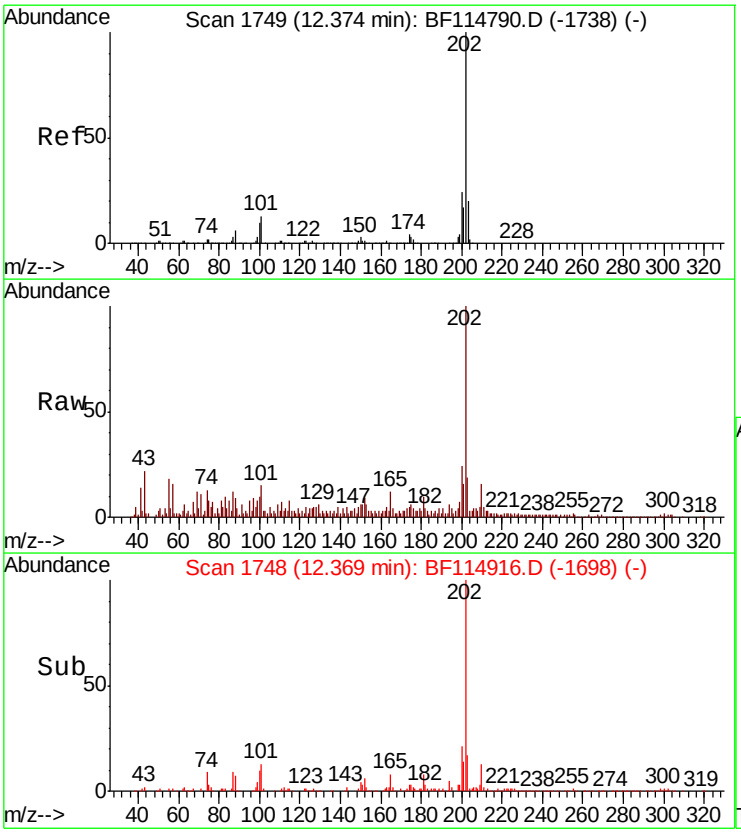
#72
Anthracene
Concen: 7.221 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.06 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:178 Resp: 293746

Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.4	26.0
179	17.0	14.2	21.4

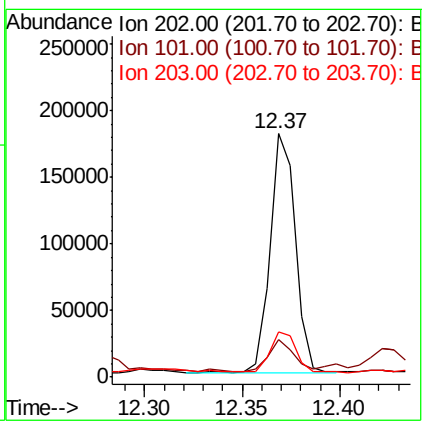


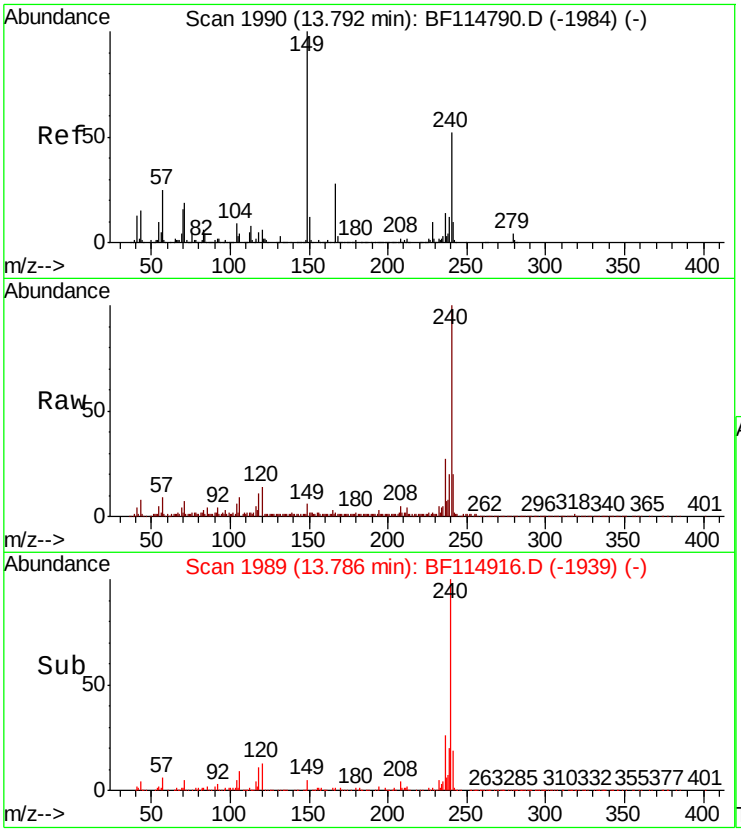


#75
Fluoranthene
Concen: 3.997 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:202 Resp: 160829

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	32.8
203	18.6	0.2	40.2



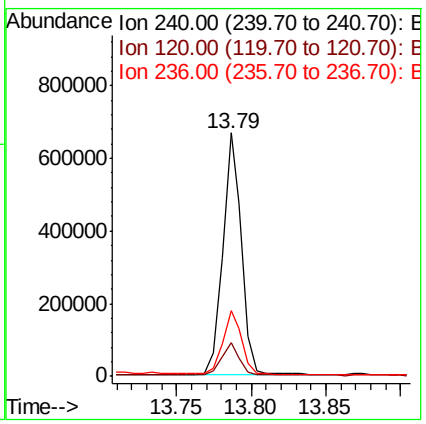


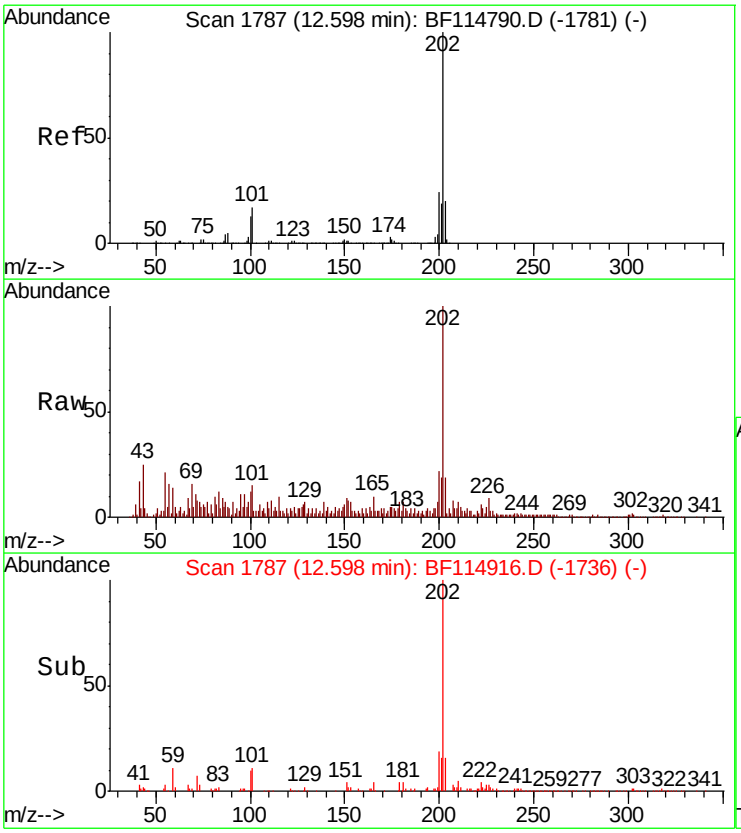
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:240 Resp: 588442

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.0	13.4#
236	27.1	21.4	32.0

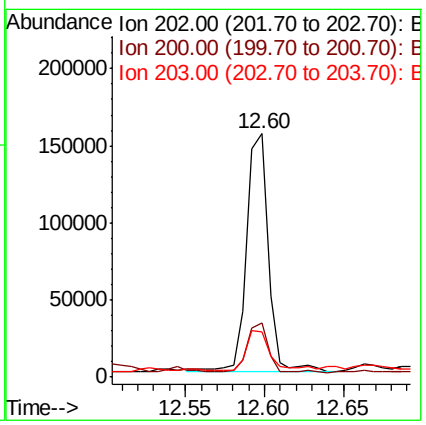


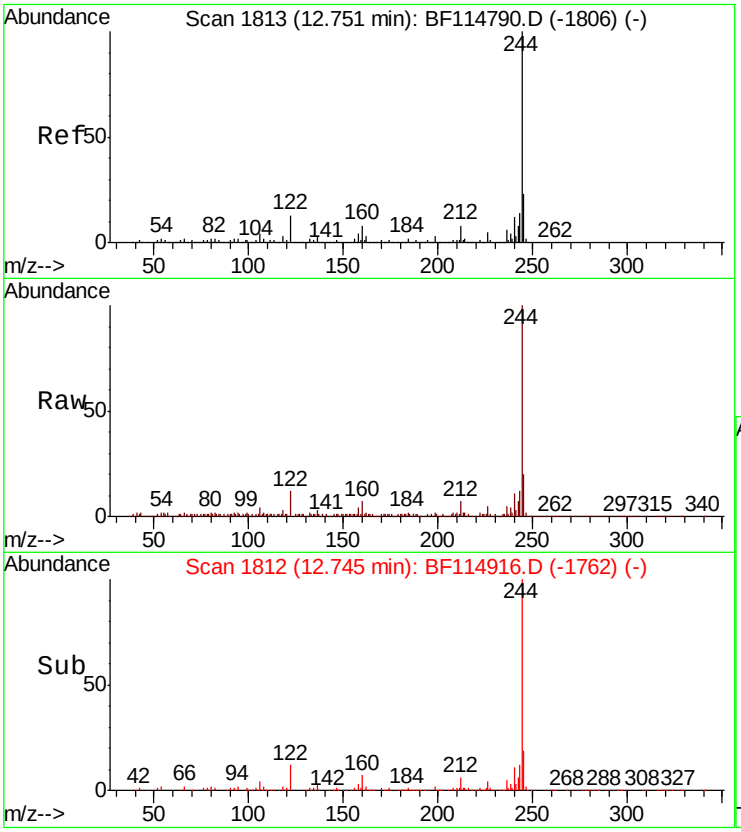


#78
Pyrene
Concen: 2.869 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:202 Resp: 146466

Ion	Ratio	Lower	Upper
202	100		
200	22.5	19.2	28.8
203	18.6	15.9	23.9



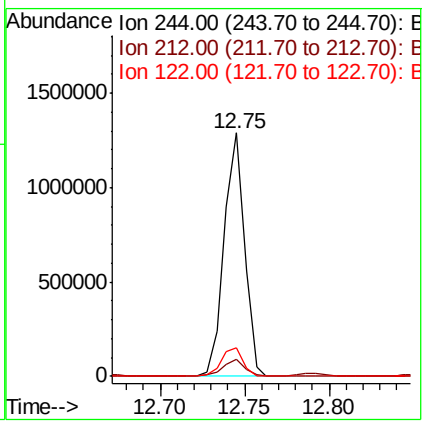


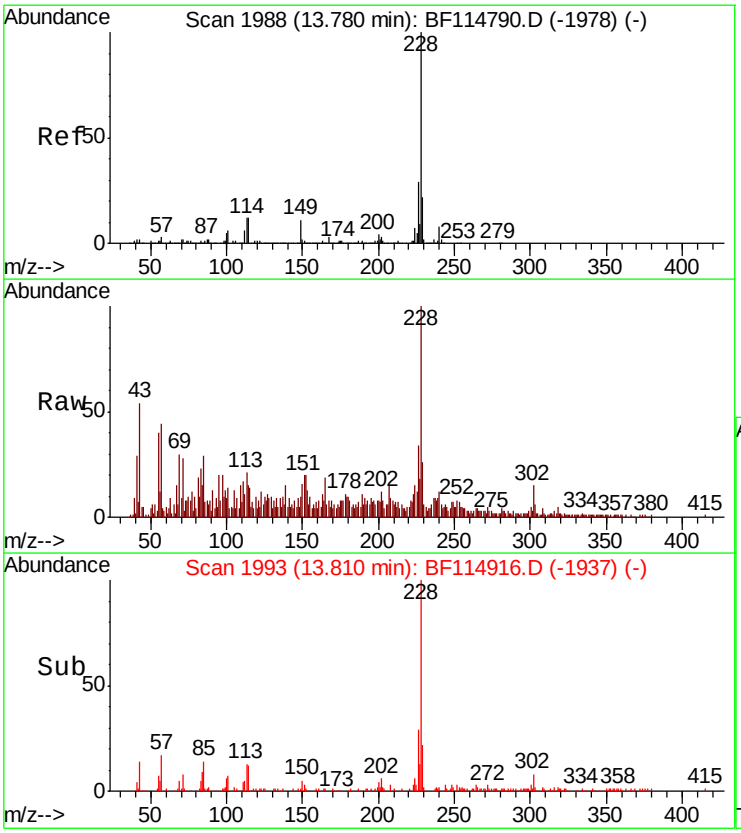
#79
Terphenyl-d14
Concen: 35.763 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:244 Resp: 1082123

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	12.0	10.5	15.7

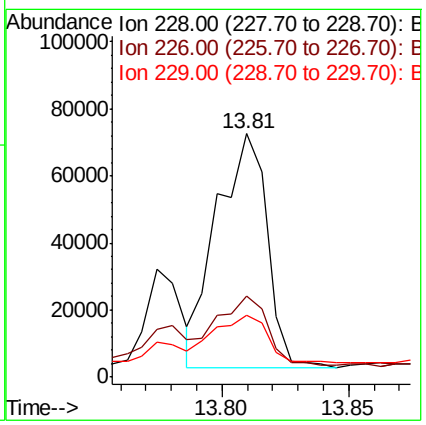


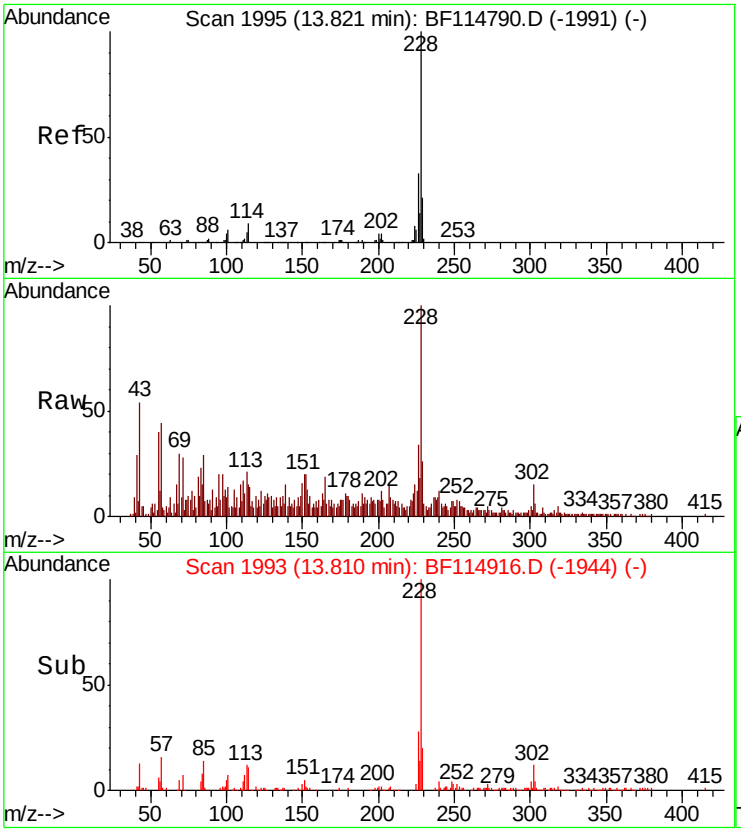


#81
Benzo(a)anthracene
Concen: 2.110 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.03 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:228 Resp: 95697

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.2
229	25.6	17.4	26.0



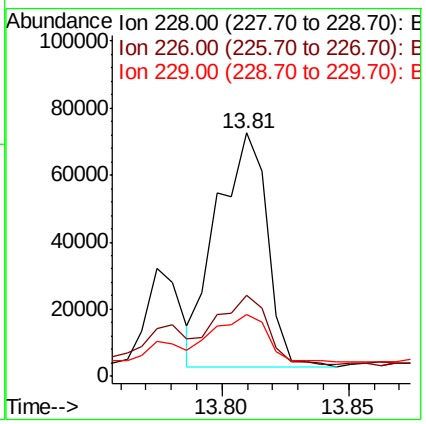


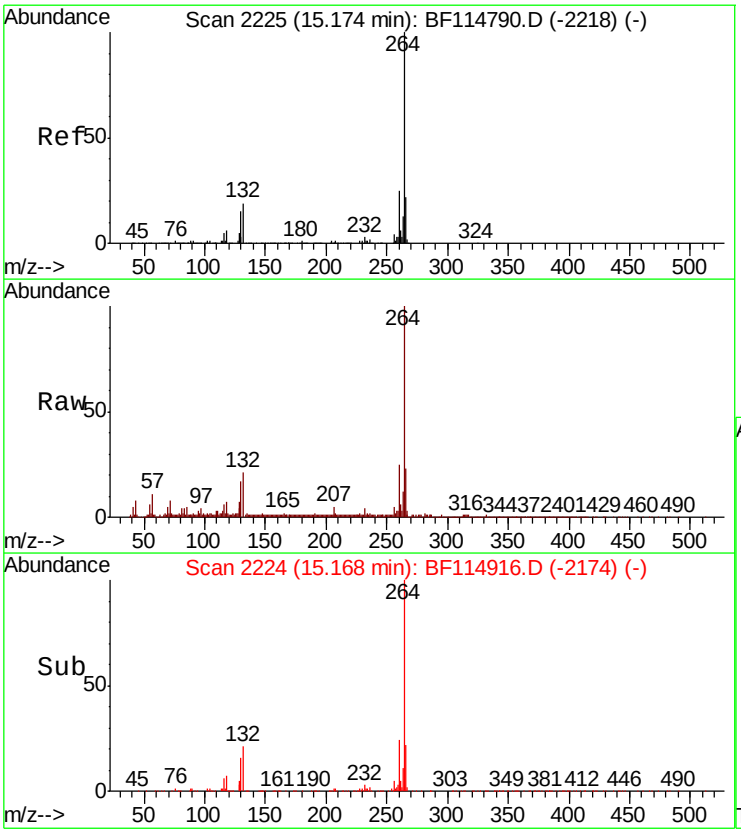
#83
Chrysene
Concen: 2.169 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:228 Resp: 95697

Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.0	39.0
229	25.6	17.1	25.7

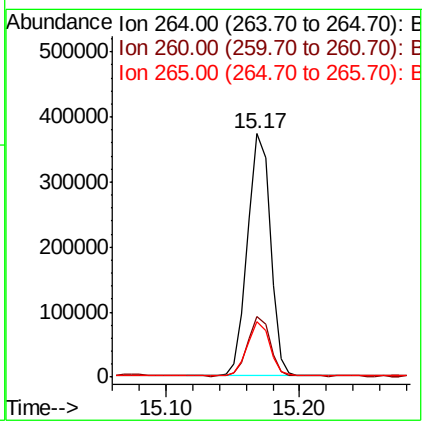


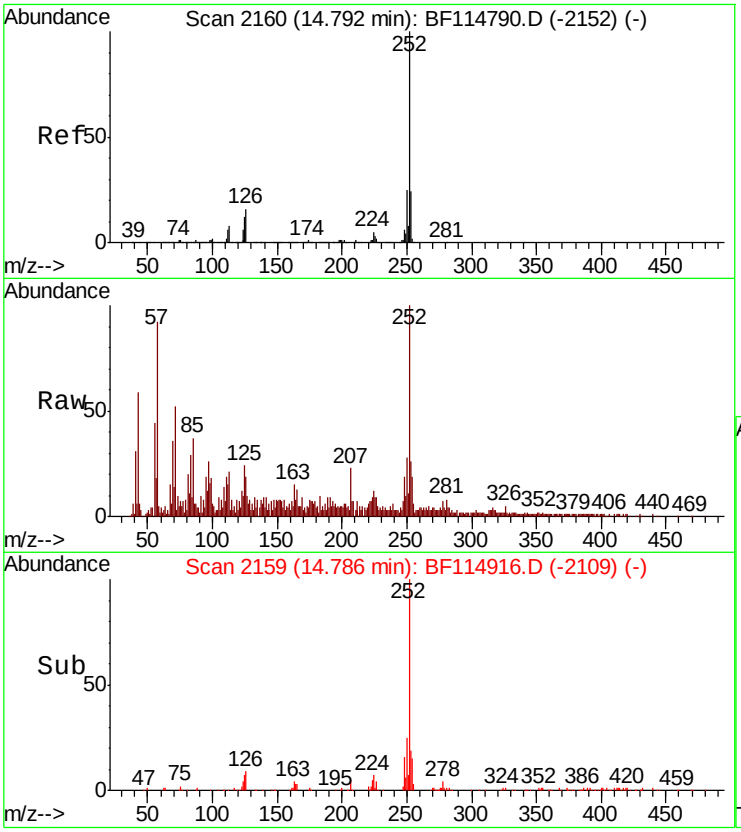


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:264 Resp: 438696

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.7	17.7	26.5



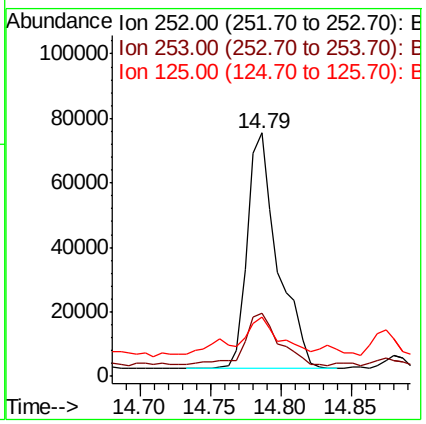


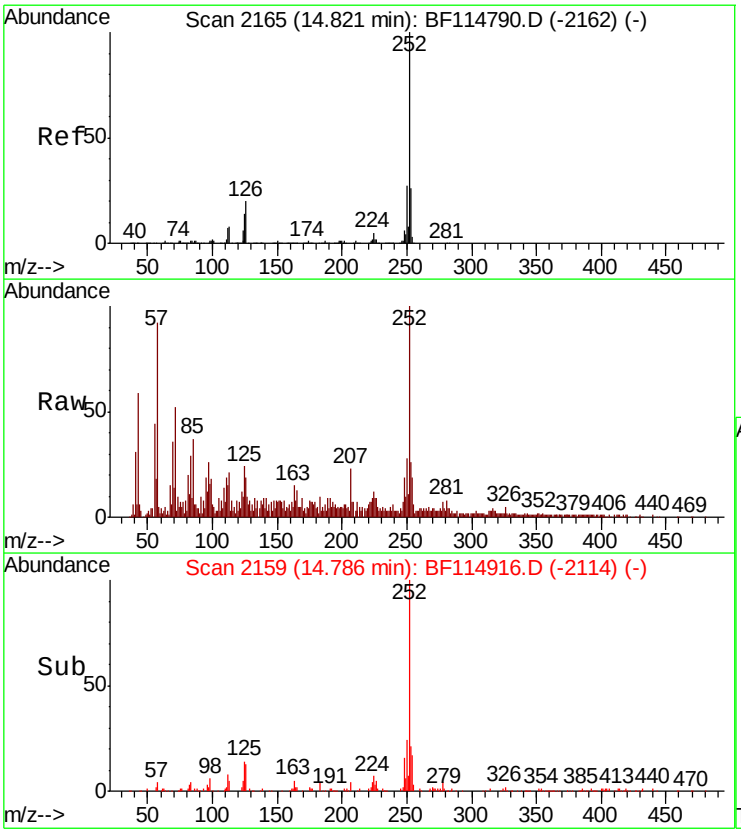
#88
Benzo(b)fluoranthene
Concen: 3.959 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:252 Resp: 110565

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.0	28.6
125	24.3	9.4	14.0#

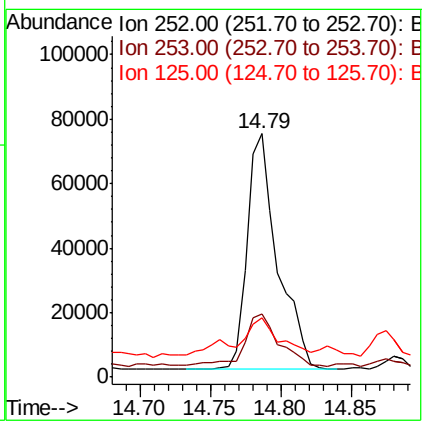


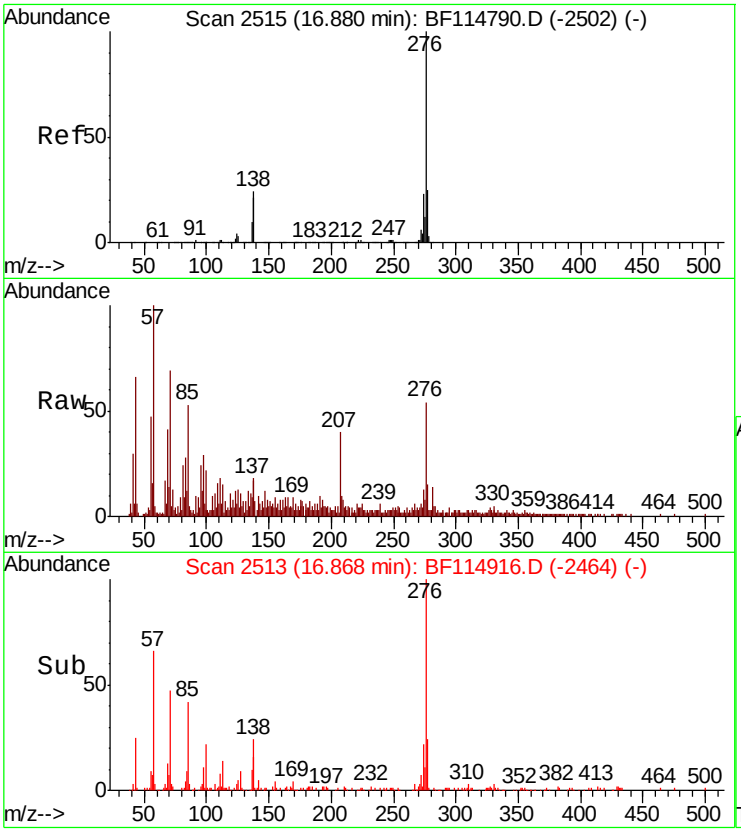


#89
Benzo(k)fluoranthene
Concen: 4.666 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Tgt Ion:252 Resp: 110663

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.3	28.9
125	24.3	10.1	15.1#





#92
Benzo(g,h,i)perylene
Concen: 2.020 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF114916.D
Acq: 8 Jun 2019 3:11

Instrument :
BNA_F
ClientSampleId :
CHIMNEY-1

Tgt Ion:276 Resp: 46502

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.8	29.6
138	30.8	19.4	29.2#