Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114238.D
Acq On : 13 May 2019 19:18
Operator : JU/SJ
Sample : K2766-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS006-0206-01

Quant Time: May 14 04:49:08 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	6.86	152	250941	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	929365	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	425116	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	769864	20.00	ng		0.00
76) Chrysene-d12	14.03	240	465037	20.00	ng		0.00
87) Perylene-d12	15.52	264	524153	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1762228	113.01	ng		0.02
7) Phenol-d6	6.51	99	2336302	126.68	ng		0.02
23) Nitrobenzene-d5	7.42	82	1466153	88.53	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	526415	119.78	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	2267891	80.70	ng		0.00
79) Terphenyl-d14	12.96	244	1803961	79.97	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	197637	16.906	ng	#	73
25) Isophorone	7.42	82	1463250	47.643	ng	#	64
32) Benzoic acid	7.89	122	887	7.103	ng	#	43
49) Acenaphthylene	9.75	152	492541	11.717	ng		96
50) Dimethylphthalate	9.60	163	330408	10.587	ng		99
54) 2,4-Dinitrophenol	10.19	184	288	6.821	ng	#	37
67) 4-Bromophenyl-phenylether	10.69	248	34561	4.077	ng	#	1
71) Phenanthrene	11.40	178	773167	20.643	ng		98
72) Anthracene	11.45	178	218888	5.818	ng		97
75) Fluoranthene	12.60	202	1368629	33.932	ng		100
78) Pyrene	12.83	202	2248612	60.107	ng		99
81) Benzo(a)anthracene	14.06	228	1352686	44.972	ng		97
83) Chrysene	14.06	228	1352686	45.877	ng		99
86) Indeno(1,2,3-cd)pyrene	17.01	276	715750	27.467	ng		96
88) Benzo(b)fluoranthene	15.10	252	2150557	64.042	ng	#	98
89) Benzo(k)fluoranthene	15.10	252	2150557	69.717	ng		98
90) Benzo(a)pyrene	15.47	252	1083451	36.661	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	120601	4.911	ng		99
92) Benzo(g,h,i)perylene	17.46	276	791523	32.162	ng		100

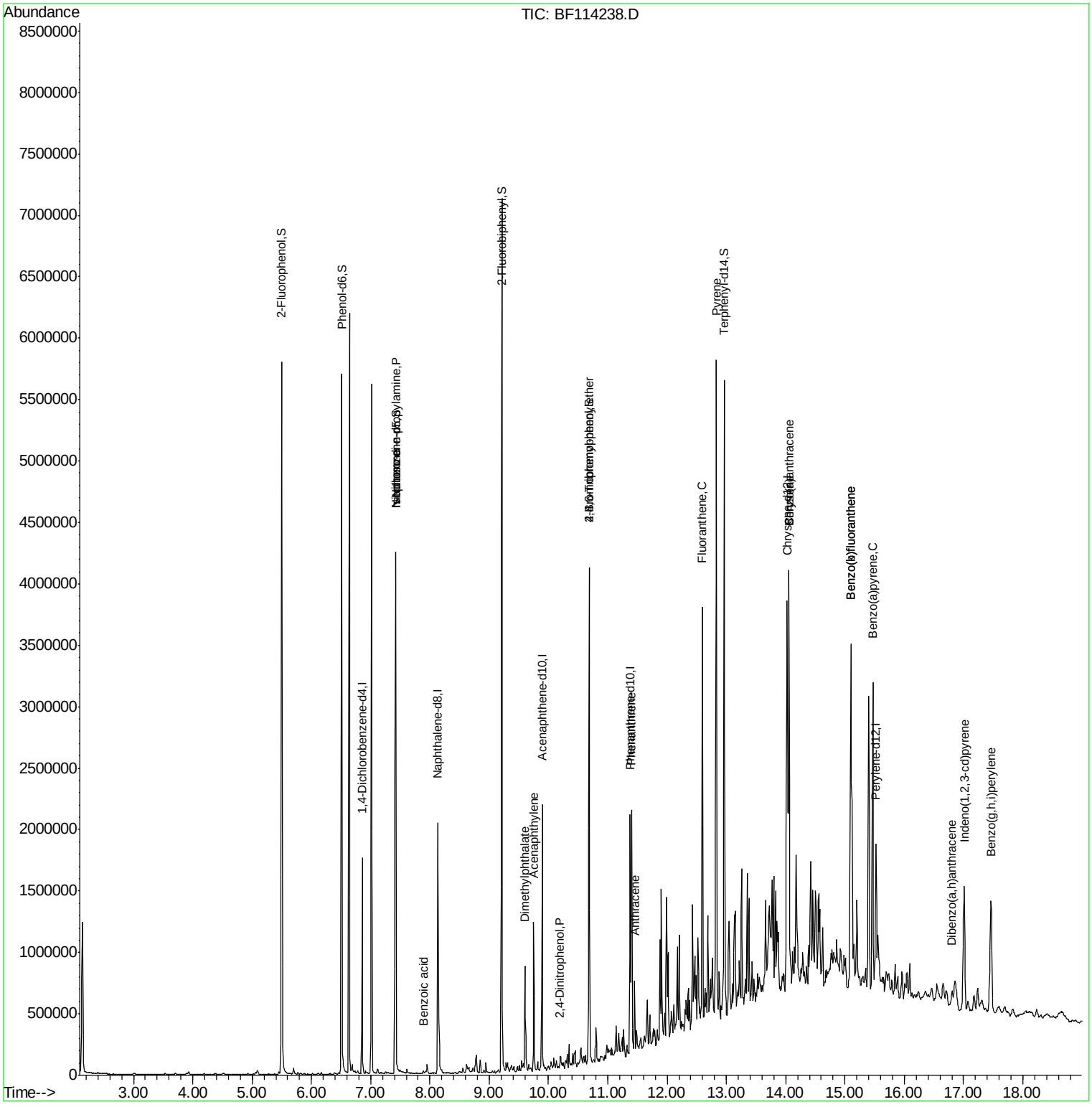
(#) = qualifier out of range (m) = manual integration (+) = signals summed

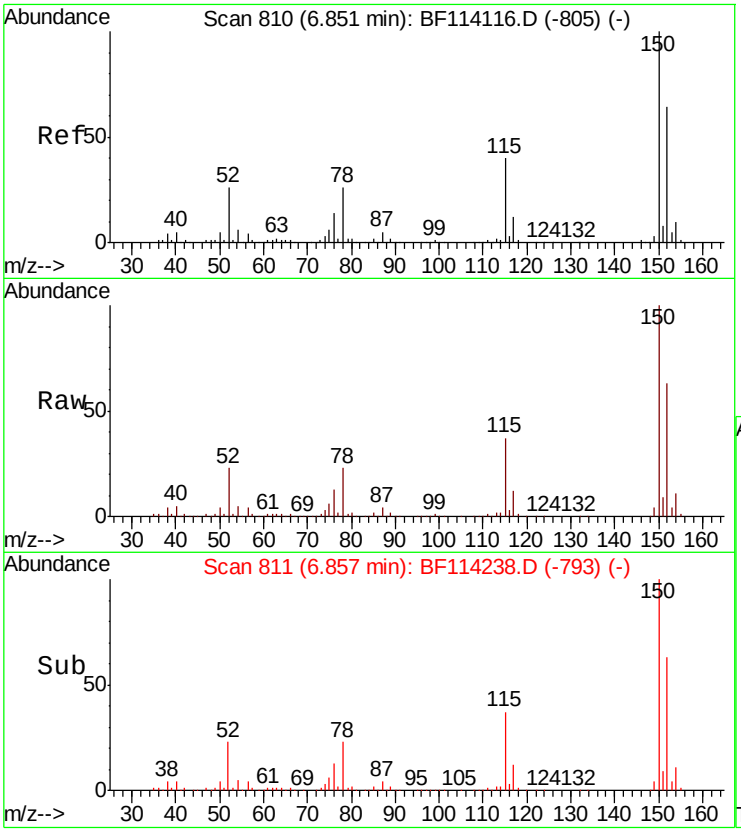
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114238.D
Acq On : 13 May 2019 19:18
Operator : JU/SJ
Sample : K2766-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Quant Time: May 14 04:49:08 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



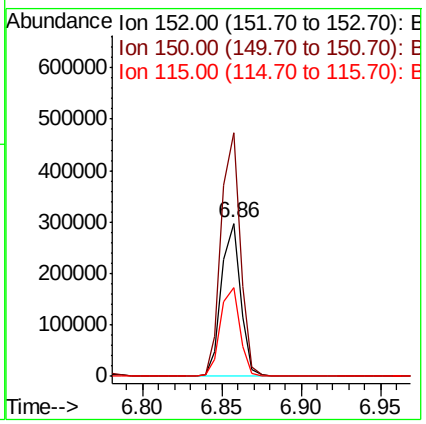


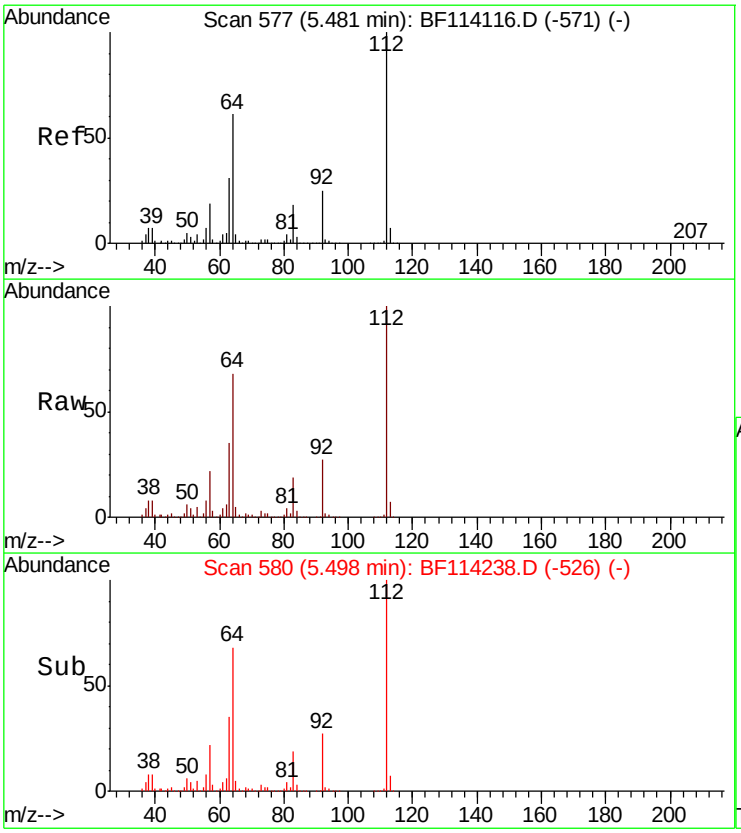
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:152 Resp: 250941

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.3	186.5
115	58.0	49.1	73.7

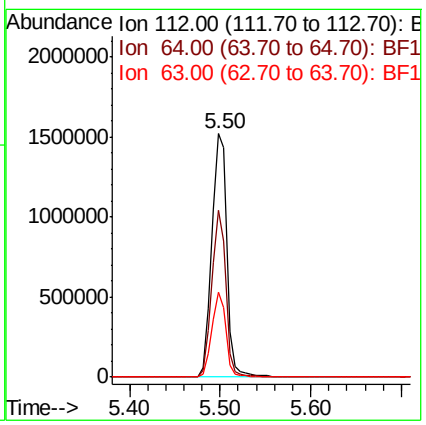


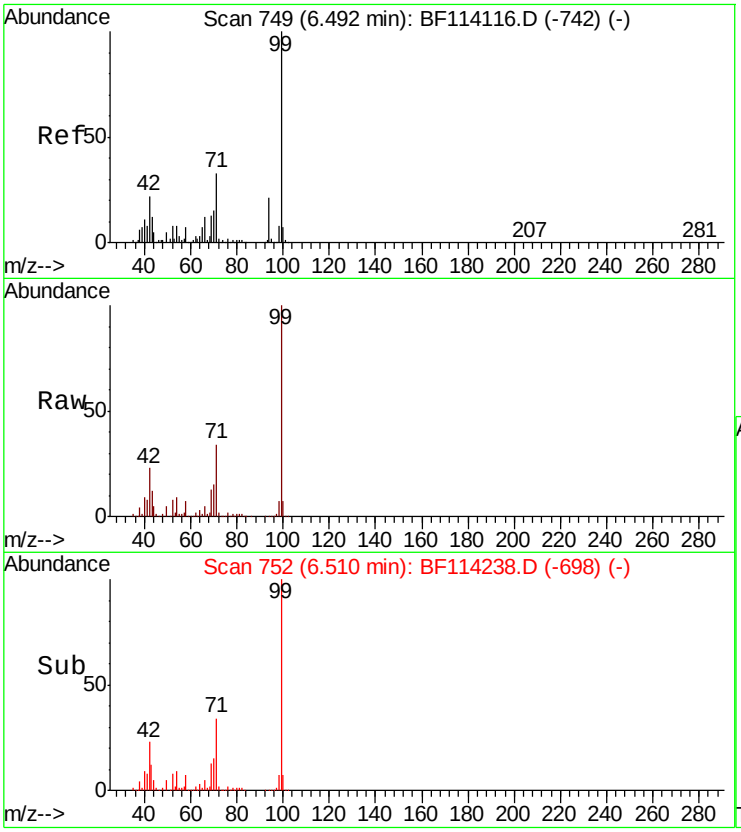


#5
2-Fluorophenol
Concen: 113.010 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:112 Resp: 1762228

Ion	Ratio	Lower	Upper
112	100		
64	68.4	49.0	73.6
63	35.0	24.6	37.0



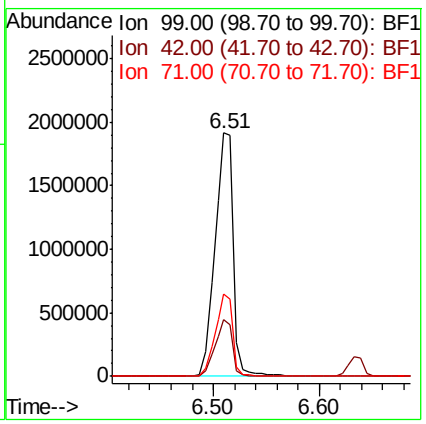


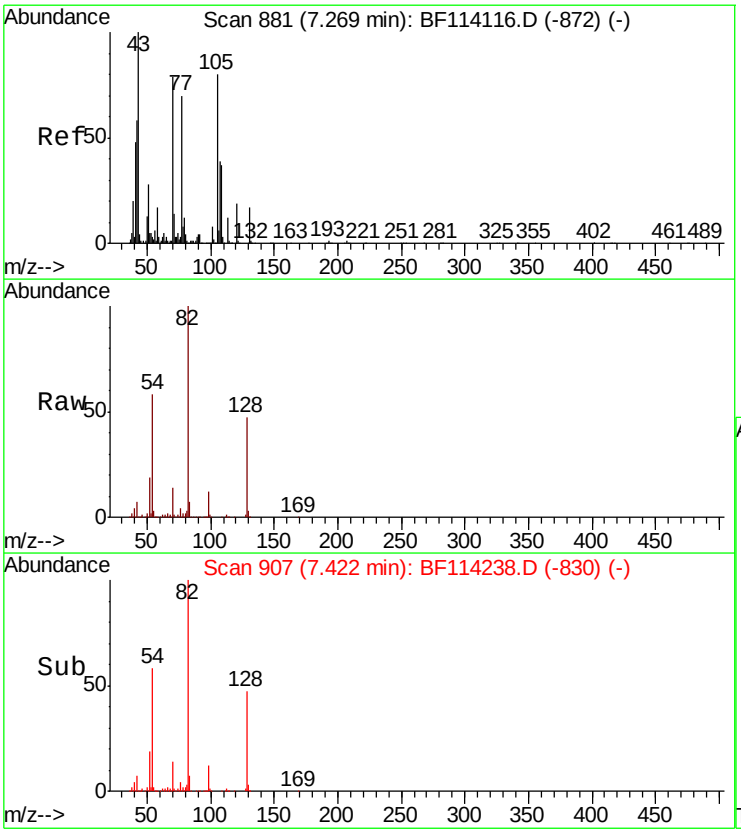
#7
Phenol-d6
Concen: 126.677 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion: 99 Resp: 2336302

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	33.6	26.2	39.2

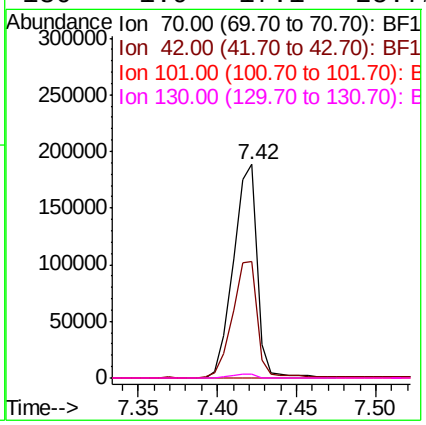


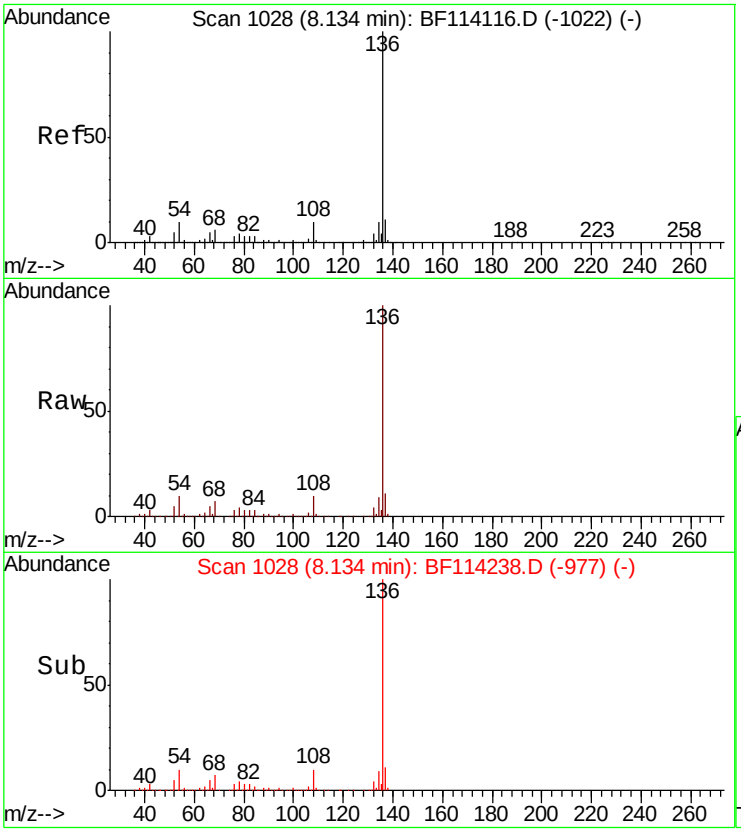


#19
n-Nitroso-di-n-propylamine
Concen: 16.906 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion: 70 Resp: 197637

Ion	Ratio	Lower	Upper
70	100		
42	54.5	58.6	87.8#
101	0.0	7.8	11.8#
130	1.9	17.1	25.7#



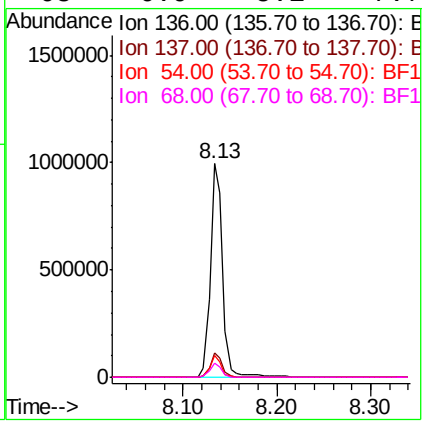


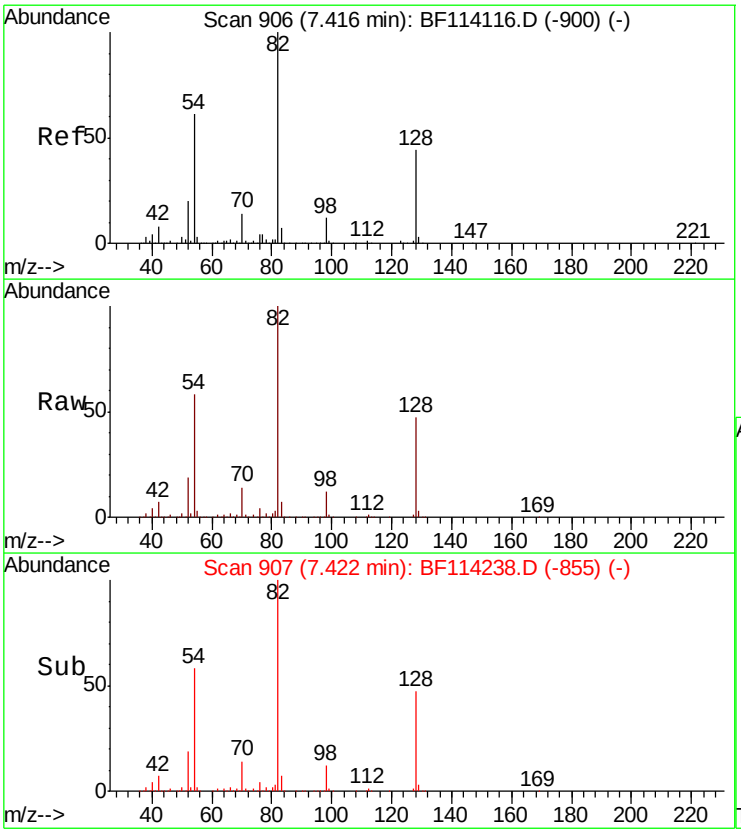
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:136 Resp: 929365

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.0	7.8	11.8
68	6.9	5.1	7.7

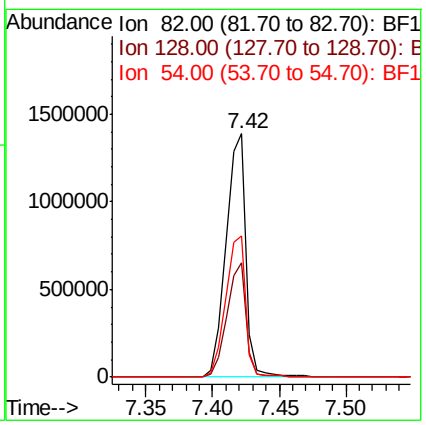


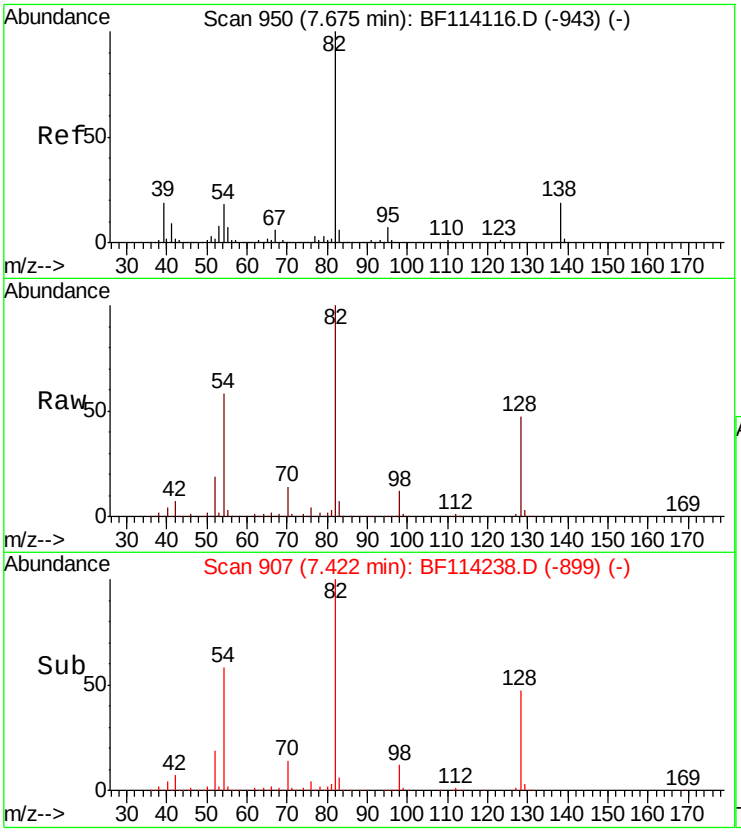


#23
Nitrobenzene-d5
Concen: 88.534 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion: 82 Resp: 1466153

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.5	53.3
54	57.8	48.5	72.7



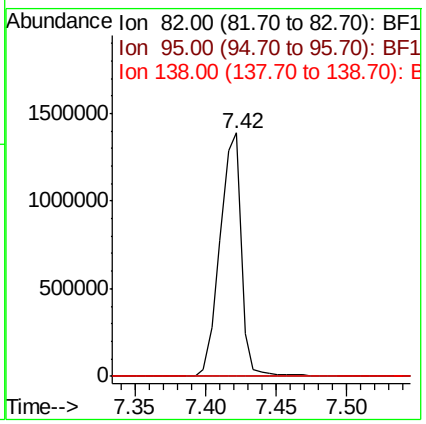


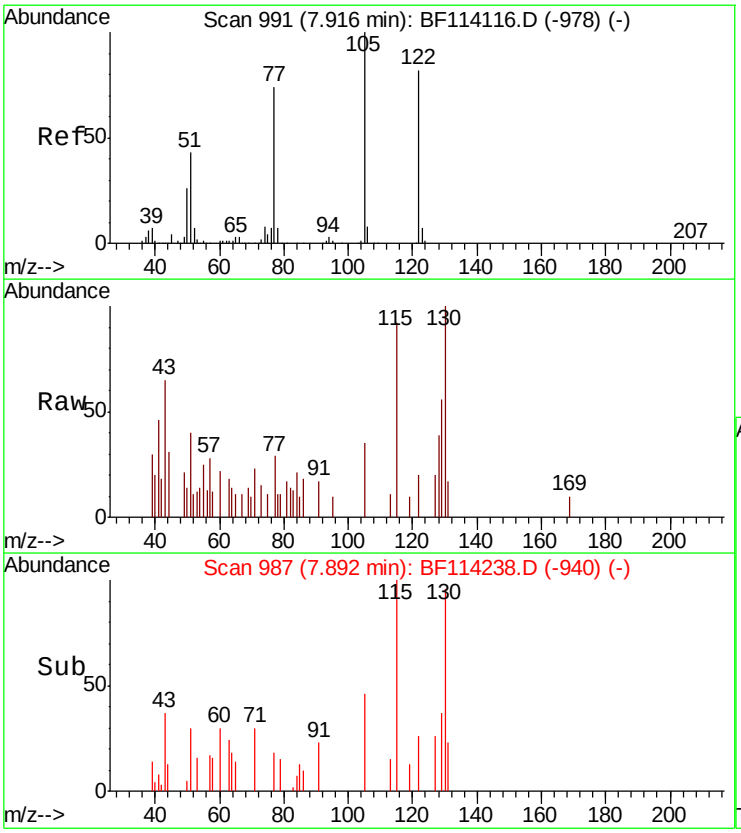
#25
Isophorone
Concen: 47.643 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion: 82 Resp: 1463250

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

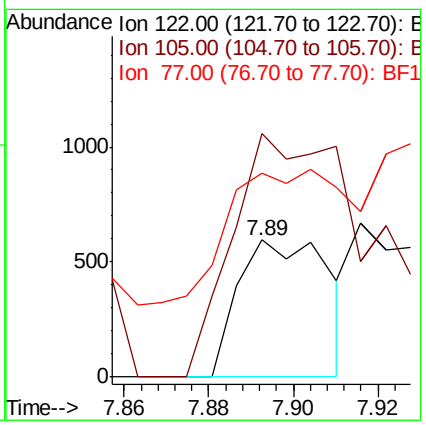


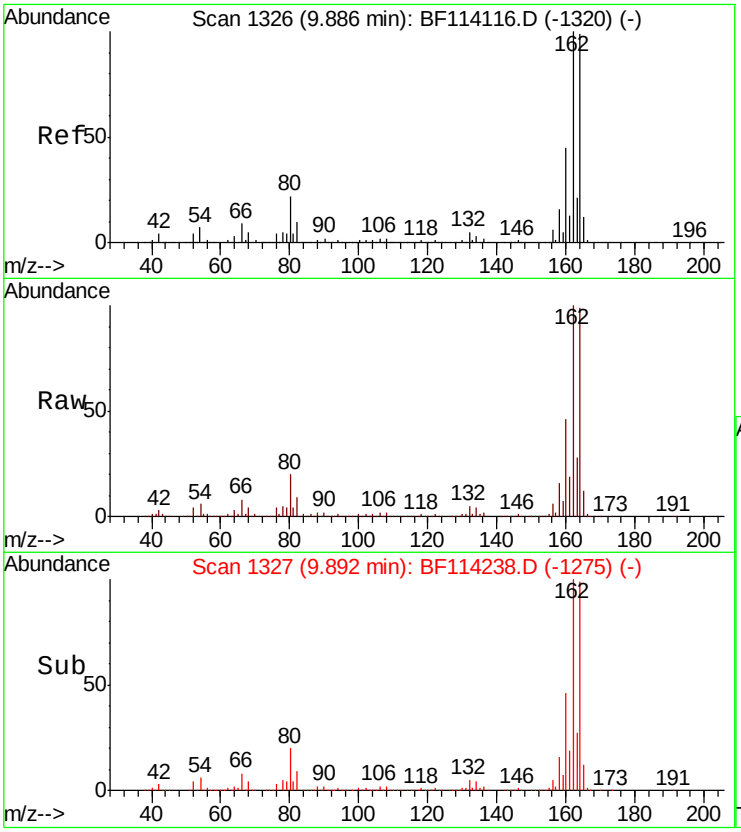


#32
Benzoic acid
Concen: 7.103 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:122 Resp: 887

Ion	Ratio	Lower	Upper
122	100		
105	178.1	99.9	139.9#
77	148.8	69.4	109.4#



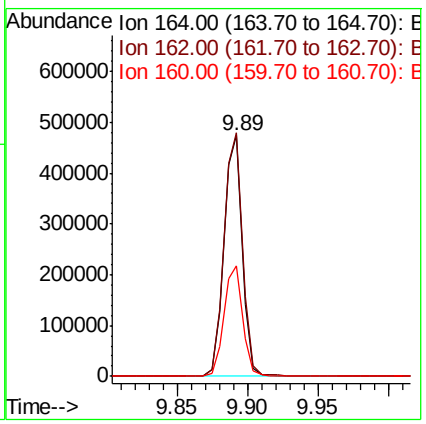


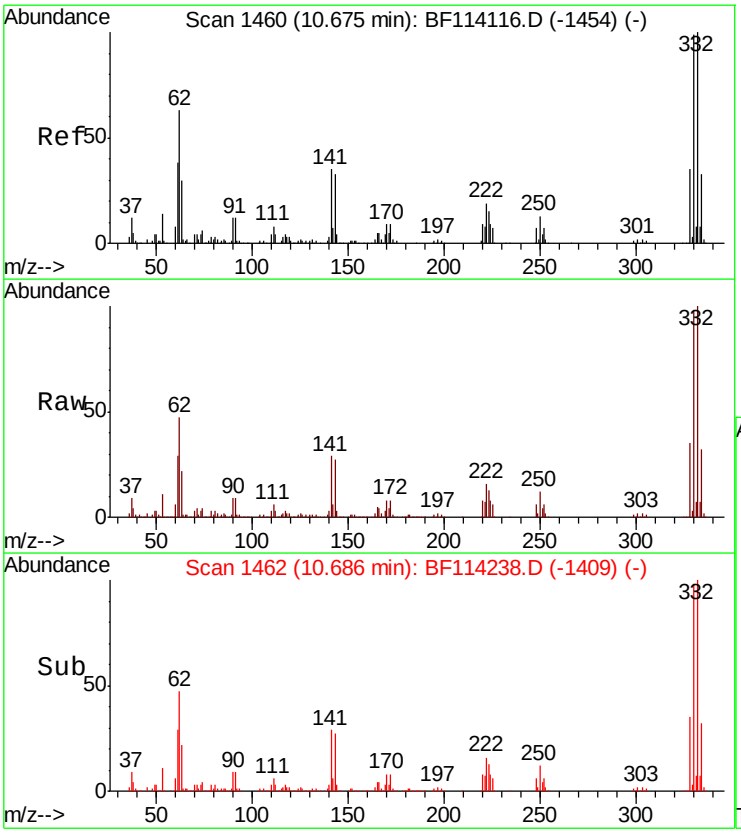
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:164 Resp: 425116

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	46.1	36.5	54.7

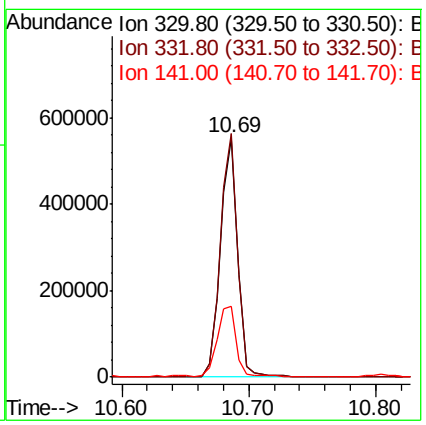


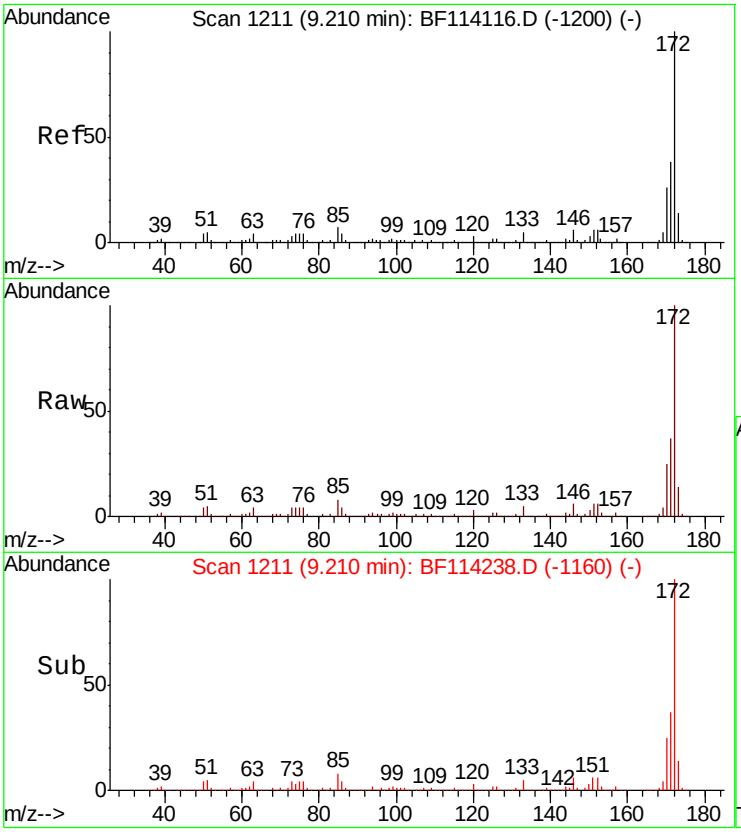


#42
2,4,6-Tribromophenol
Concen: 119.776 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:330 Resp: 526415

Ion	Ratio	Lower	Upper
330	100		
332	102.2	81.4	122.2
141	32.5	26.6	40.0



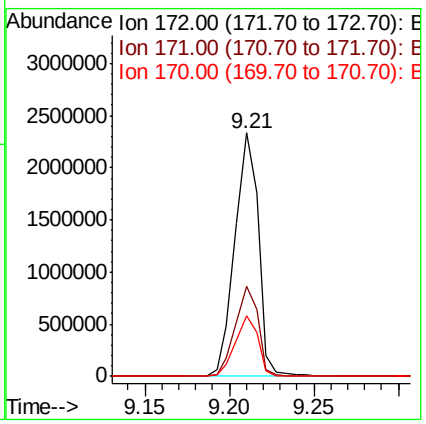


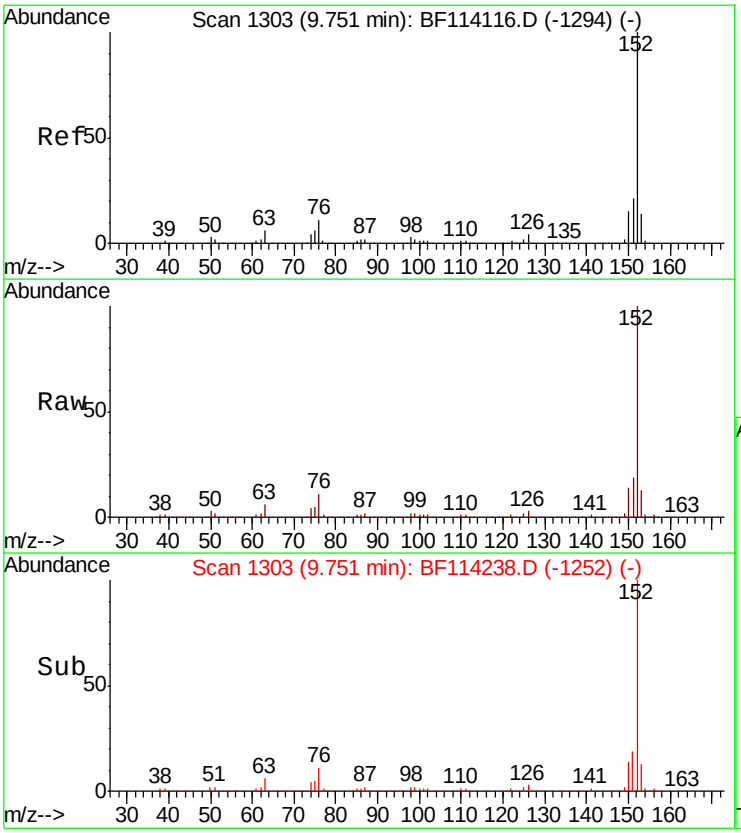
#45
2-Fluorobiphenyl
Concen: 80.697 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:172 Resp: 2267891

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	24.9	20.5	30.7

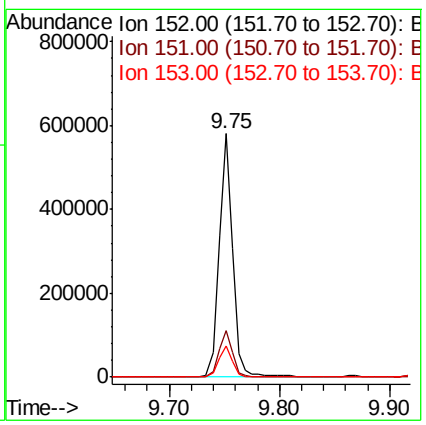


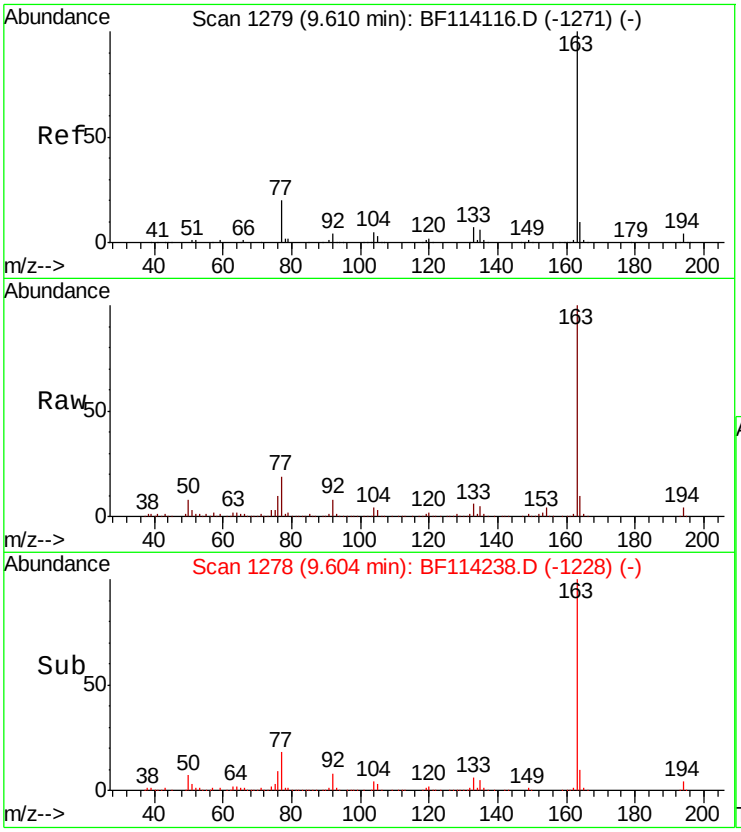


#49
Acenaphthylene
Concen: 11.717 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:152 Resp: 492541

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.8	25.2
153	12.9	11.4	17.2



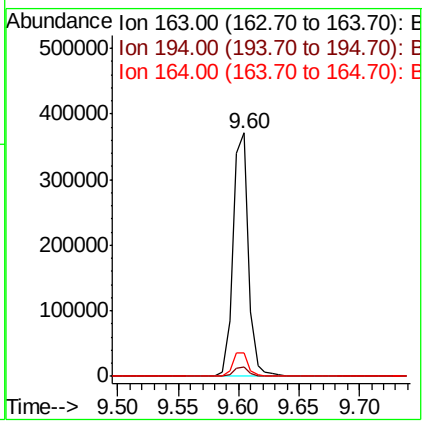


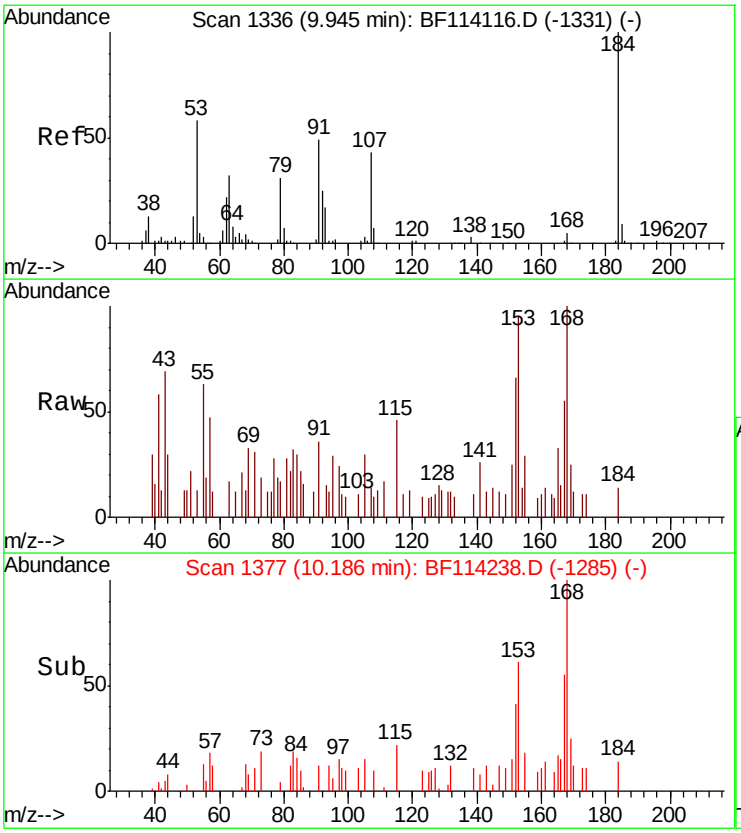
#50
Dimethylphthalate
Concen: 10.587 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:163 Resp: 330408

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.6	8.2	12.2

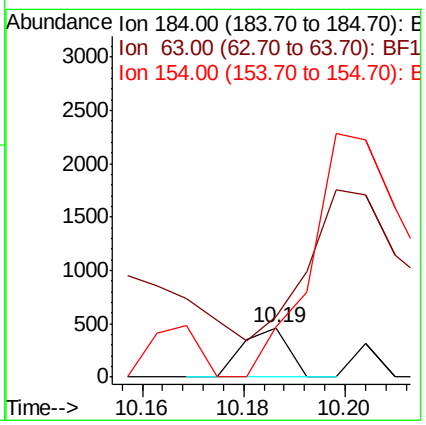


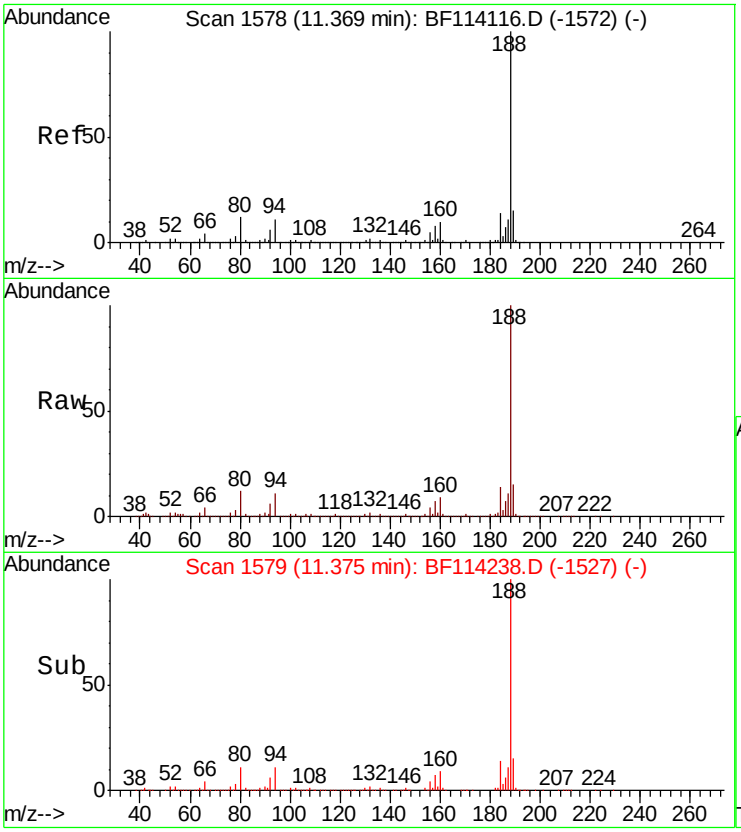


#54
2,4-Dinitrophenol
Concen: 6.821 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.24 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:184 Resp: 288

Ion	Ratio	Lower	Upper
184	100		
63	122.6	55.6	83.4#
154	102.6	46.0	69.0#



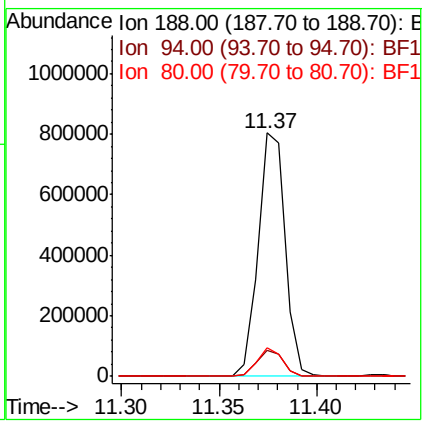


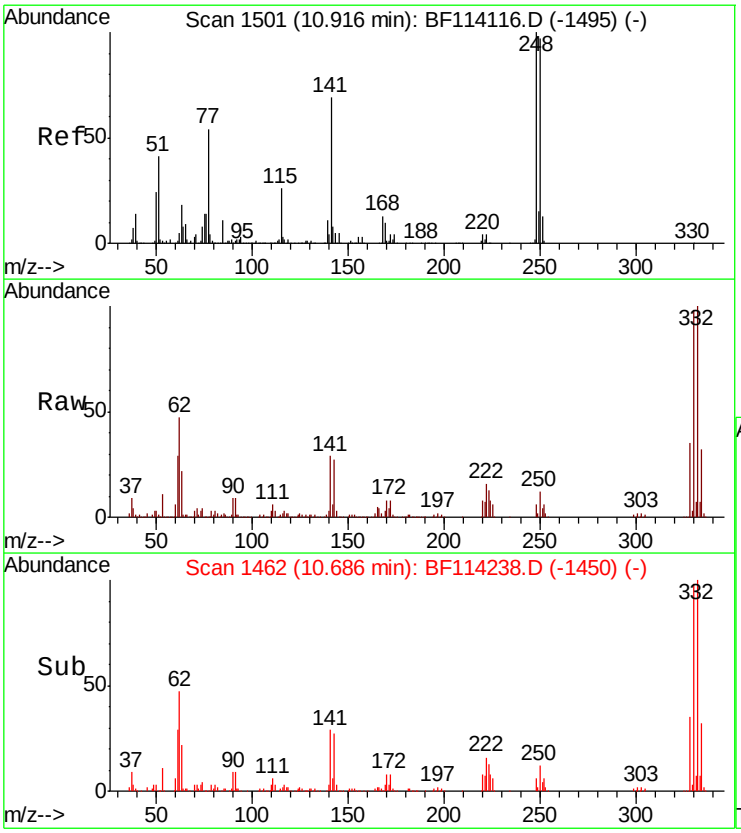
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:188 Resp: 769864

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.4	12.6
80	11.5	9.2	13.8

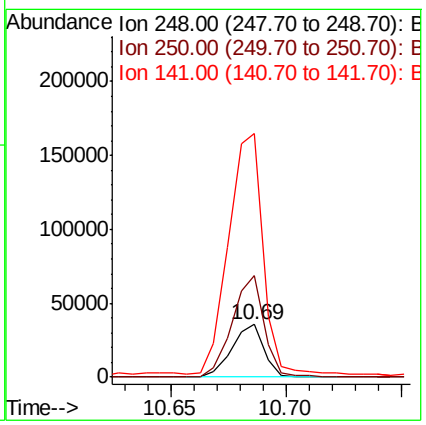


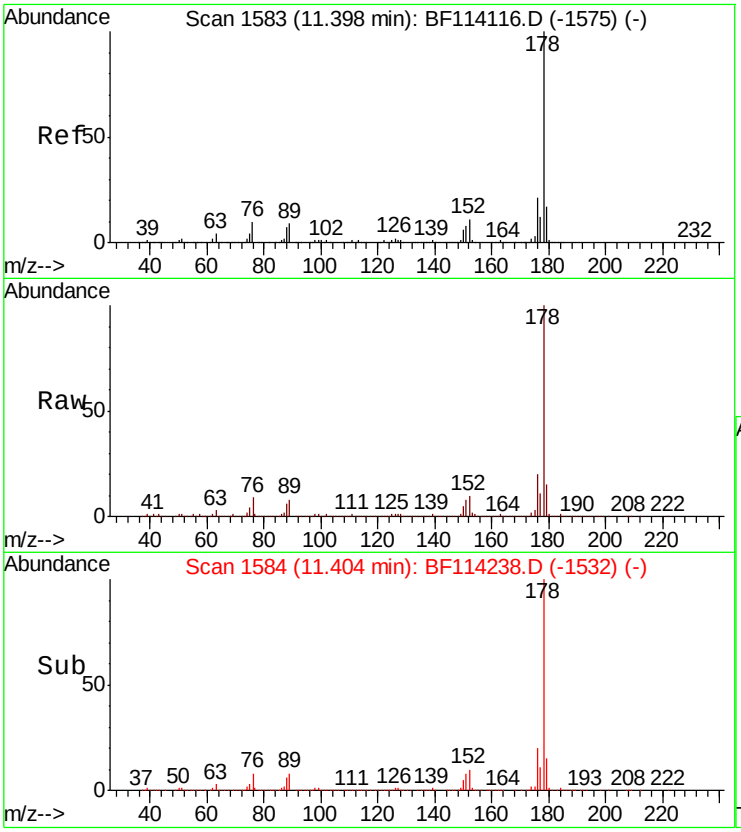


#67
4-Bromophenyl-phenylether
Concen: 4.077 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.23 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:248 Resp: 34561

Ion	Ratio	Lower	Upper
248	100		
250	193.3	77.4	116.2#
141	465.9	55.6	83.4#



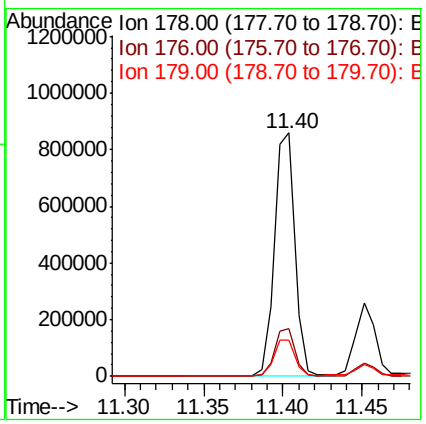


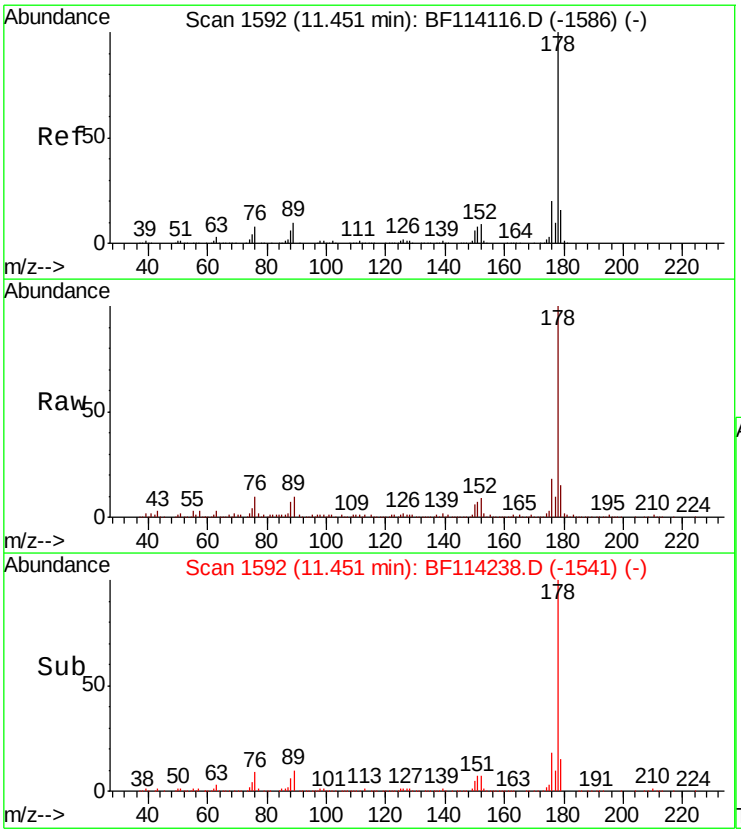
#71
Phenanthrene
Concen: 20.643 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:178 Resp: 773167

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.4	24.6
179	15.0	13.2	19.8

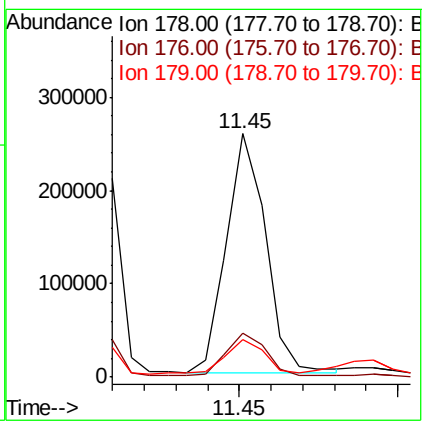


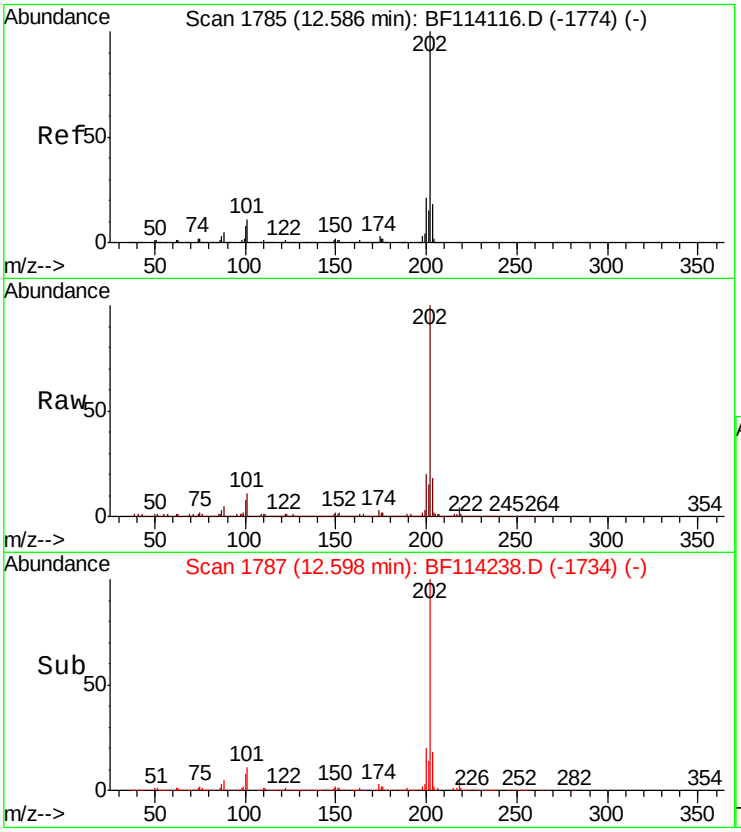


#72
Anthracene
Concen: 5.818 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:178 Resp: 218888

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.5	13.0	19.4



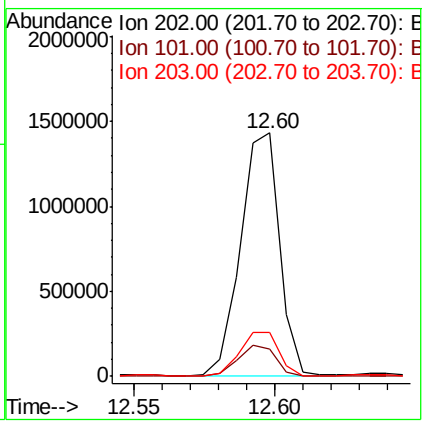


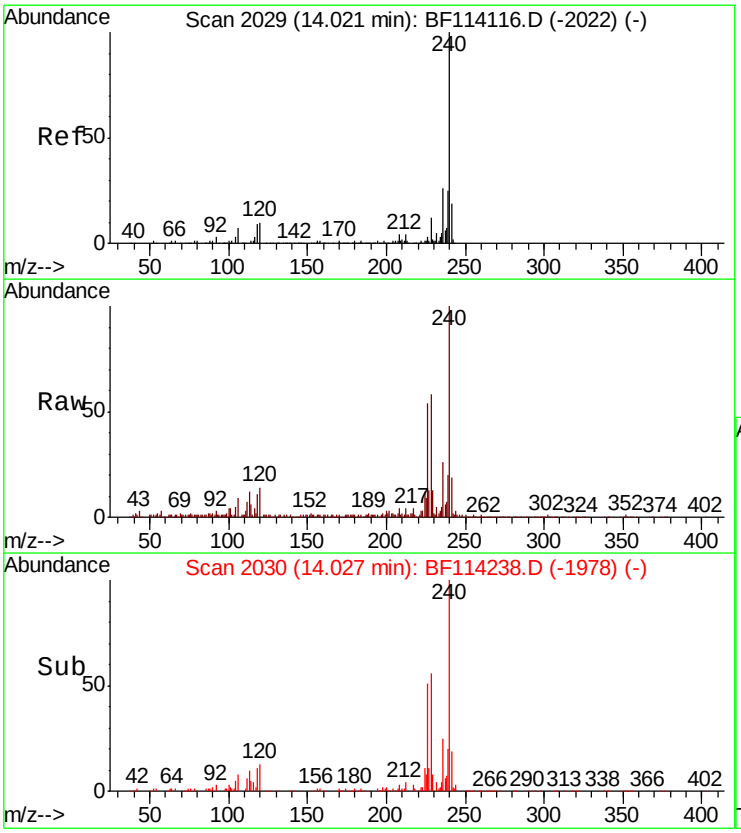
#75
Fluoranthene
Concen: 33.932 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:202 Resp: 1368629

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
203	18.1	0.0	38.4

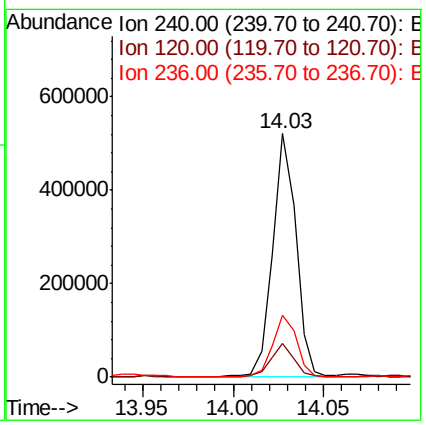


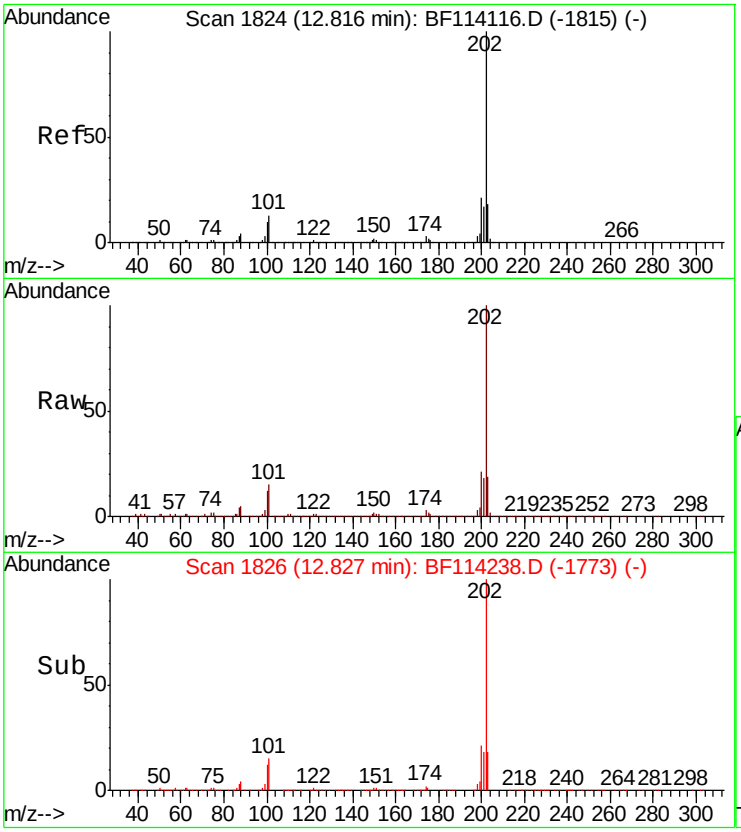


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:240 Resp: 465037

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.3	12.5#
236	25.7	20.8	31.2



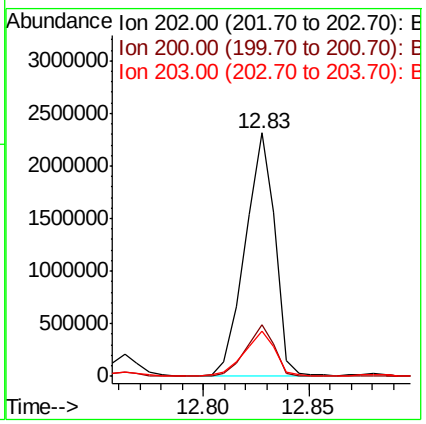


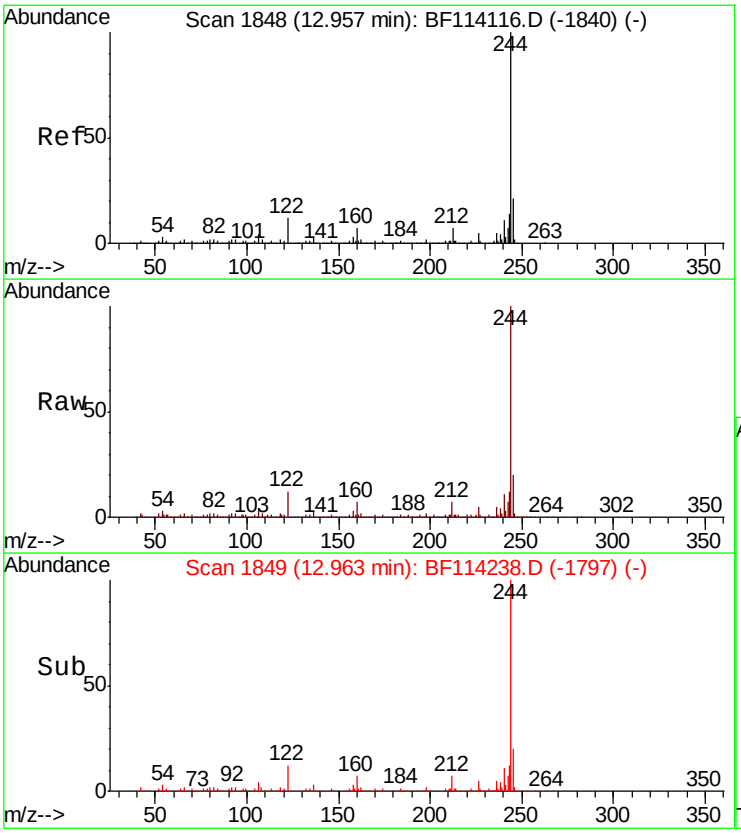
#78
Pyrene
Concen: 60.107 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:202 Resp: 2248612

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.8	14.5	21.7

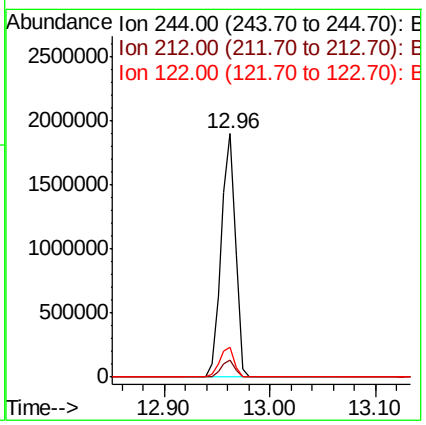


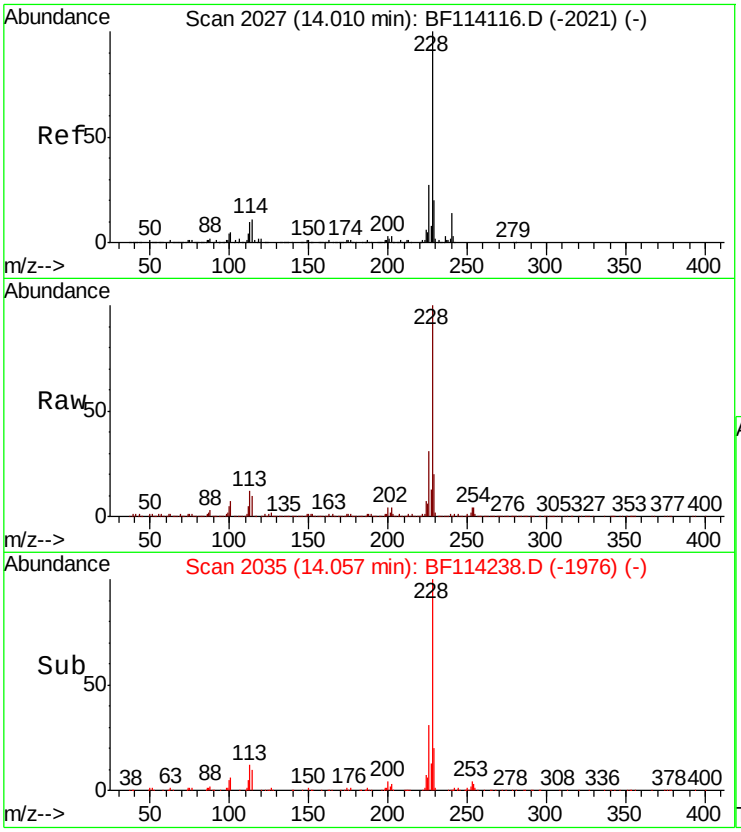


#79
Terphenyl-d14
Concen: 79.967 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:244 Resp: 1803961

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.3	9.4	14.2



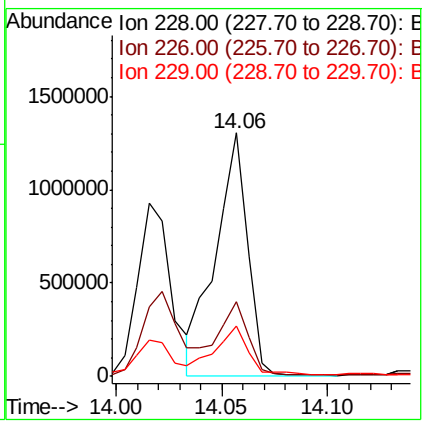


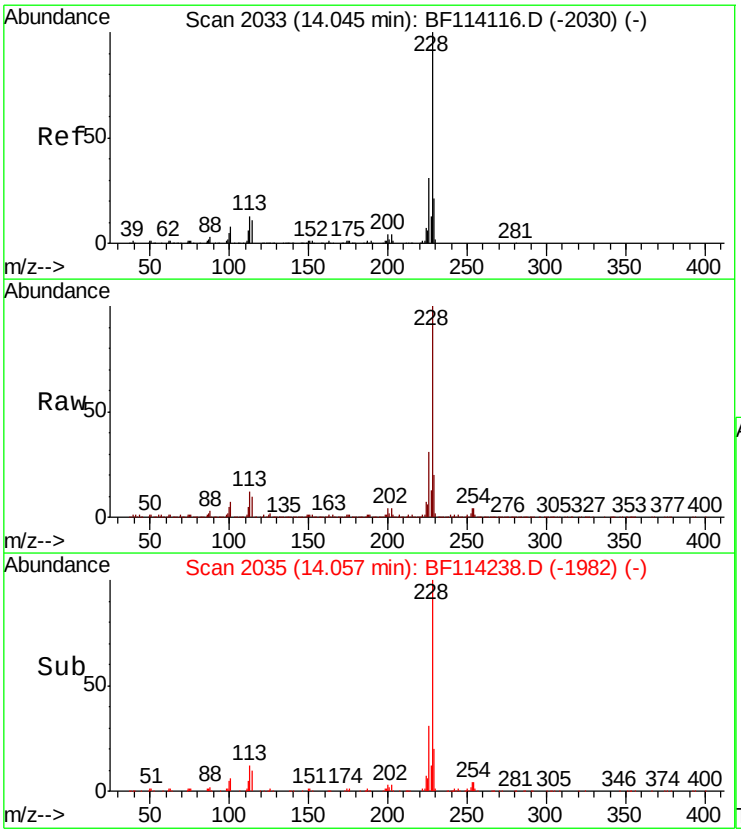
#81
Benzo(a)anthracene
Concen: 44.972 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.05 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:228 Resp: 1352686

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.2	33.2
229	20.5	16.4	24.6

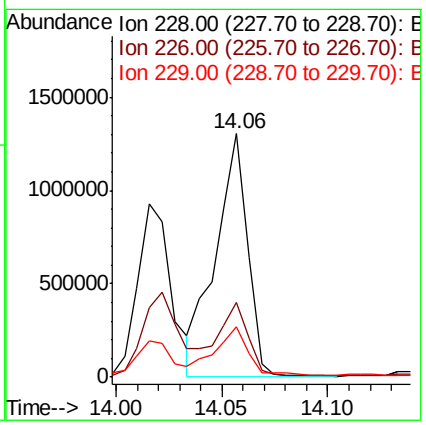


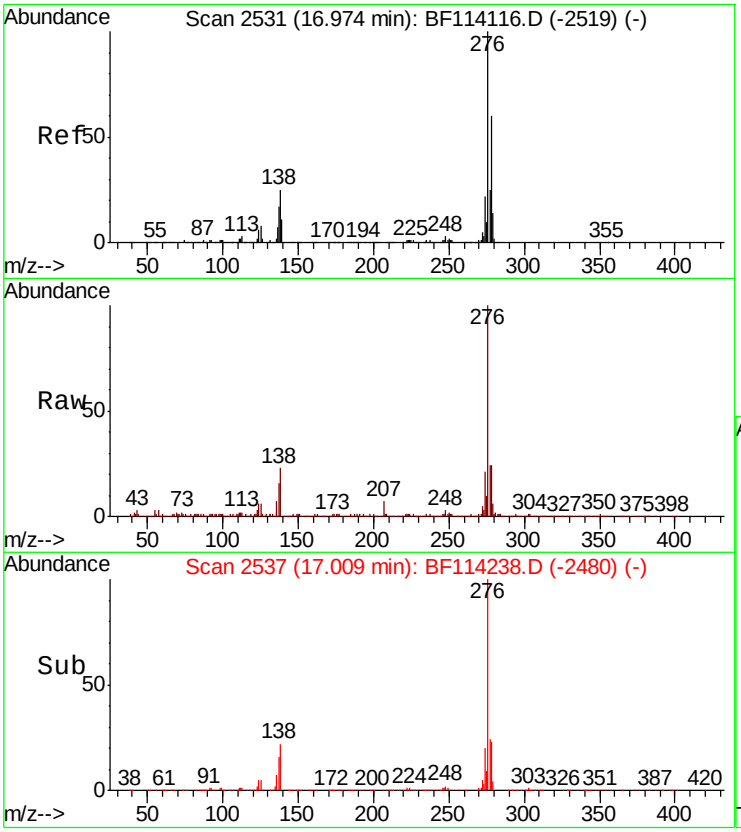


#83
Chrysene
Concen: 45.877 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:228 Resp: 1352686

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.5	17.0	25.6



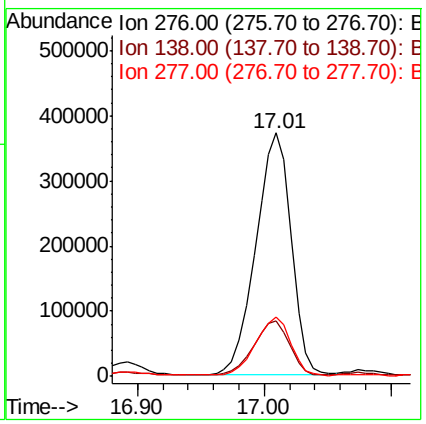


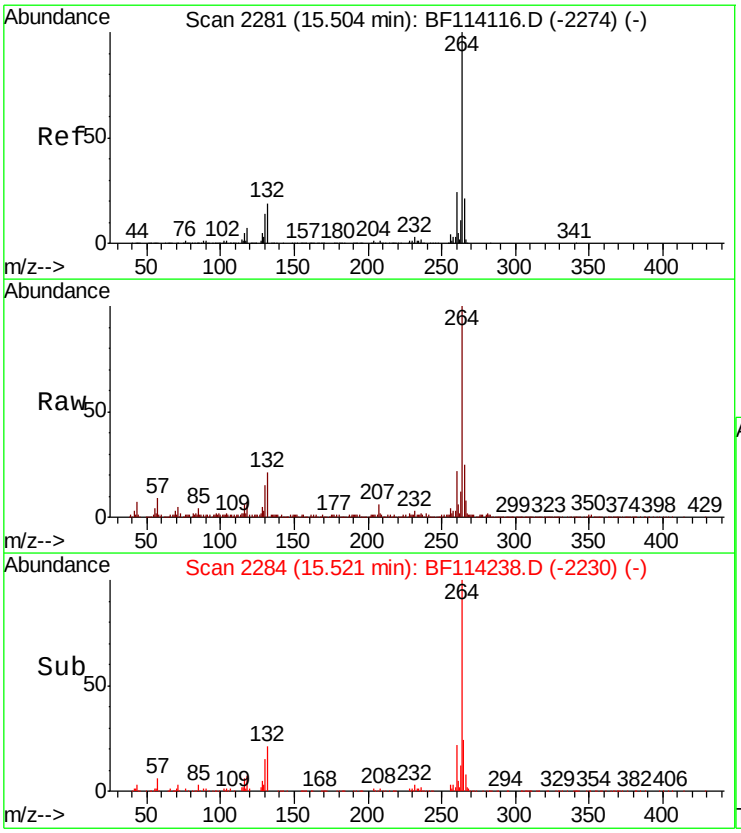
#86
Indeno(1,2,3-cd)pyrene
Concen: 27.467 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.04 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:276 Resp: 715750

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.2	30.2
277	24.1	20.0	30.0

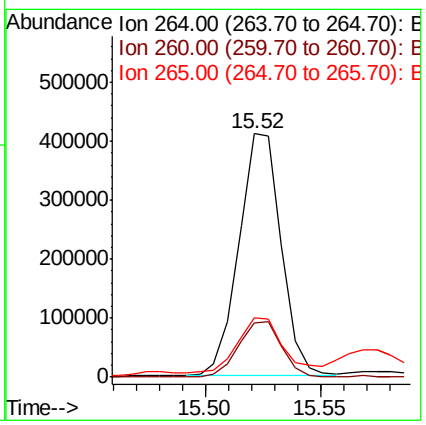


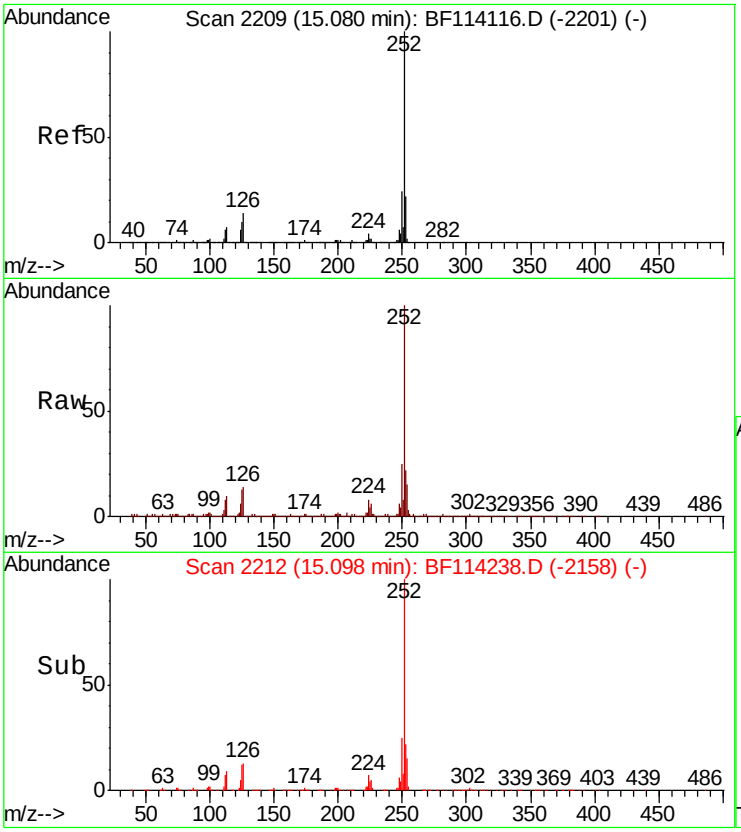


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:264 Resp: 524153

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.0
265	24.5	16.9	25.3



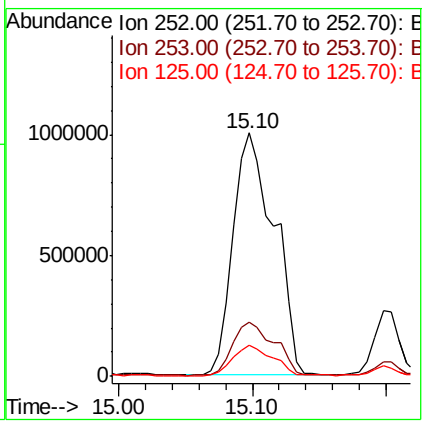


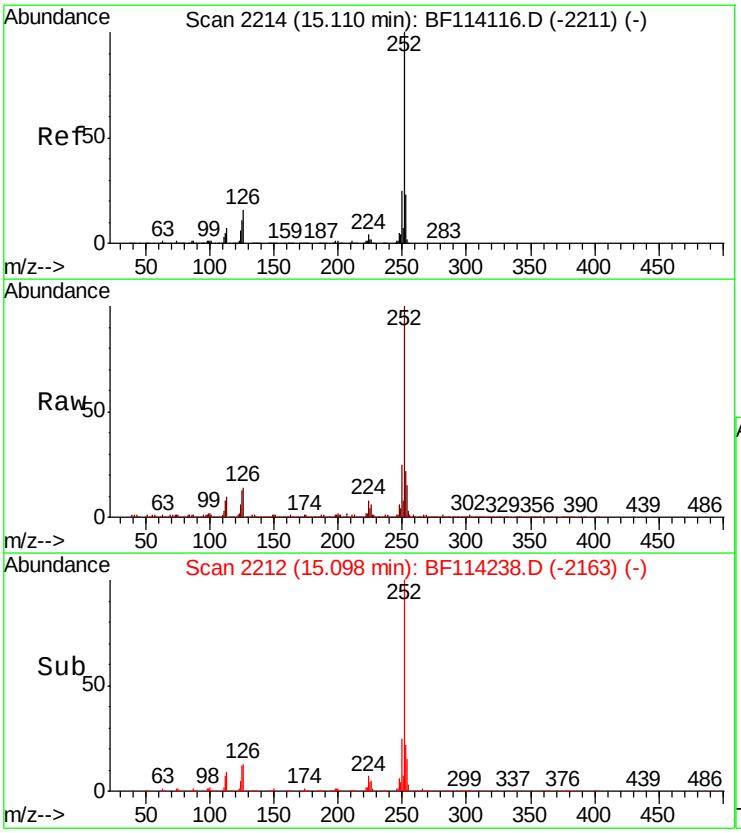
#88
Benzo(b)fluoranthene
Concen: 64.042 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:252 Resp: 2150557

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.6	8.3	12.5#

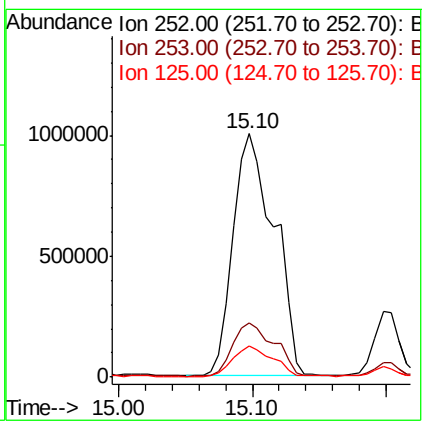


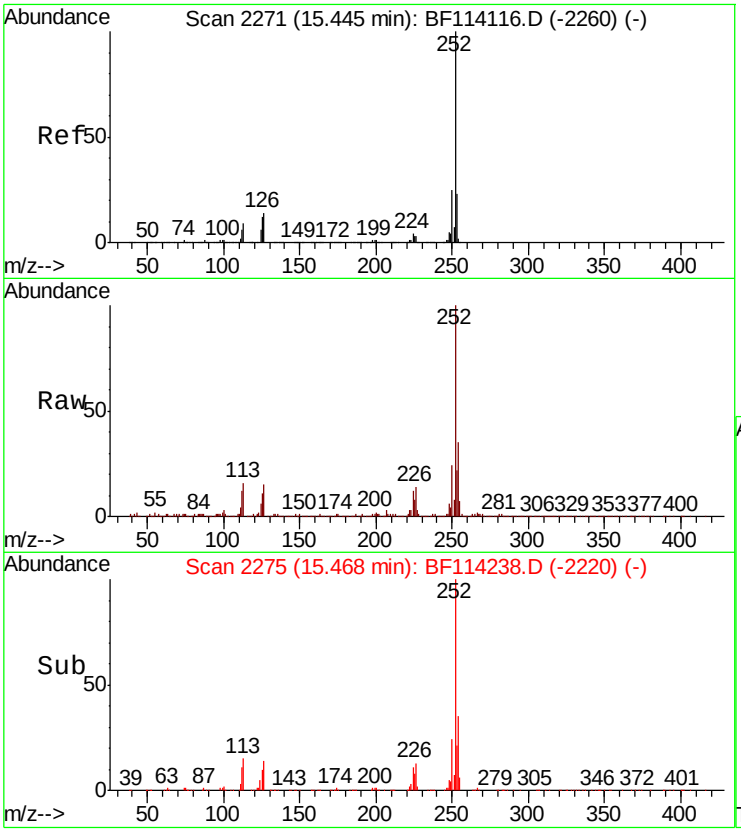


#89
Benzo(k)fluoranthene
Concen: 69.717 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:252 Resp: 2150557

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.6	8.6	13.0



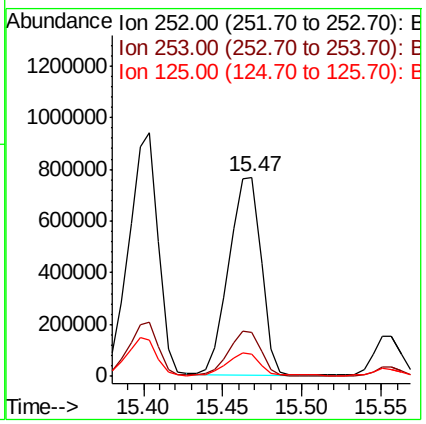


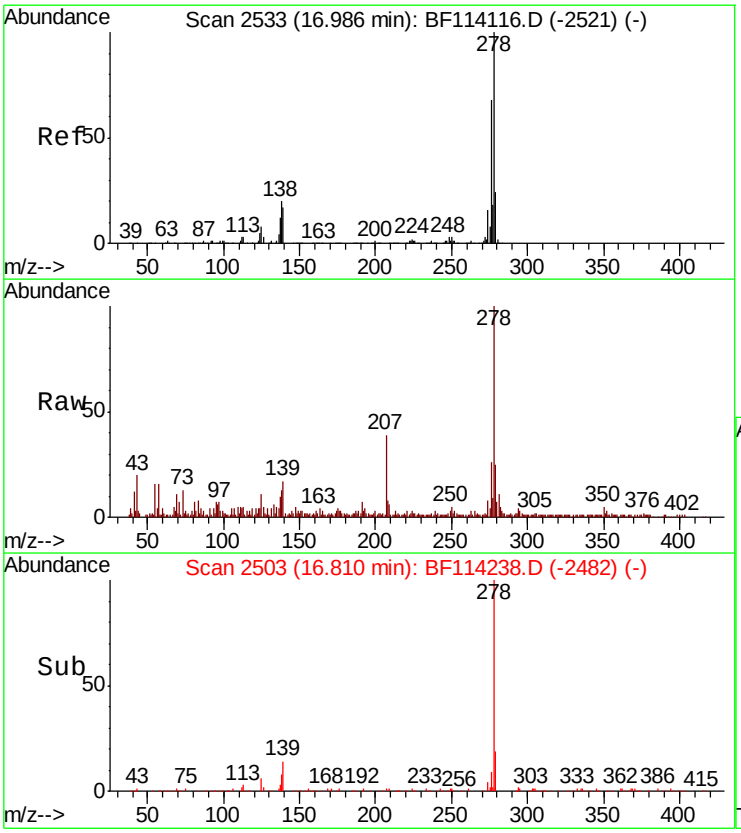
#90
Benzo(a)pyrene
Concen: 36.661 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:252 Resp: 1083451

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.1	9.5	14.3

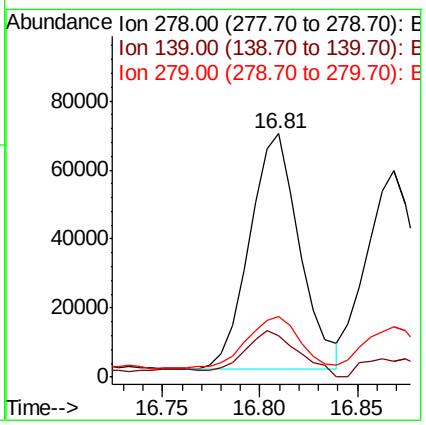


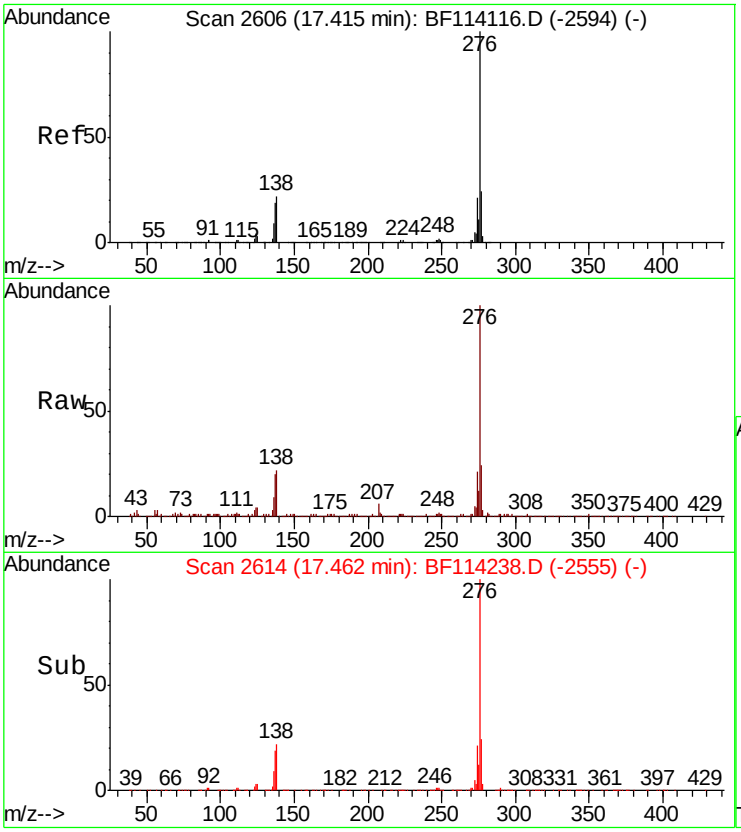


#91
Dibenzo(a,h)anthracene
Concen: 4.911 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.18 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Tgt Ion:278 Resp: 120601

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.5	20.3
279	24.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 32.162 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.05 min
Lab File: BF114238.D
Acq: 13 May 2019 19:18

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0206-01

Tgt Ion:276 Resp: 791523

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	22.2	17.8	26.6