Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

Quantitation Report (Not Reviewed)

Data File : BF114762.D
Acq On : 1 Jun 2019 17:32
Operator : HP/JU
Sample : K2639-05 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-053019-A

Quant Time: Jun 03 01:42:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	343310	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1249336	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	554666	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	976456	20.00	ng		0.00
76) Chrysene-d12	13.82	240	817552	20.00	ng		0.00
87) Perylene-d12	15.21	264	762993	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	385210	19.70	ng		0.00
7) Phenol-d6	6.32	99	477761	20.28	ng		0.00
23) Nitrobenzene-d5	7.25	82	258446	12.91	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	92249	17.45	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	497942	1.06	ng		0.00
79) Terphenyl-d14	12.77	244	462244	10.63	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	882	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.25	70	33048	2.032	ng	#	76
25) Isophorone	7.25	82	249922	6.219	ng	#	63
31) Naphthalene	8.00	128	685318	11.909	ng		96
33) 4-Chloroaniline	8.00	127	88687	3.235	ng	#	35
37) 2-Methylnaphthalene	8.69	142	169420	4.431	ng		98
38) 1-Methylnaphthalene	8.78	142	102234	2.822	ng		96
51) 2,6-Dinitrotoluene	9.72	165	76496	8.518	ng	#	31
52) Acenaphthene	9.75	154	108310	3.385	ng		99
55) Dibenzofuran	9.92	168	286053	6.280	ng		96
56) 4-Nitrophenol	9.92	139	105640	12.969	ng	#	18
57) 2,4-Dinitrotoluene	9.72	165	76496	6.637	ng	#	24
58) Fluorene	10.26	166	325704	5.983	ng		99
61) 4-Chlorophenyl-phenylether	10.08	204	222	Below Cal		#	12
71) Phenanthrene	11.22	178	1549399	31.106	ng		97
72) Anthracene	11.27	178	506215	10.041	ng		97
73) Carbazole	11.42	167	203903	4.602	ng	#	95
74) Di-n-butylphthalate	11.77	149	2597	Below Cal		#	1
75) Fluoranthene	12.40	202	1562624	30.297	ng		99
78) Pyrene	12.63	202	1374573	19.876	ng		97
81) Benzo(a)anthracene	13.81	228	856514	13.633	ng		100
83) Chrysene	13.84	228	740896	12.343	ng		95
86) Indeno(1,2,3-cd)pyrene	16.53	276	307850	5.121	ng		94
88) Benzo(b)fluoranthene	14.82	252	1224751	25.486	ng		99
89) Benzo(k)fluoranthene	14.82	252	1224751	29.322	ng		99
90) Benzo(a)pyrene	15.15	252	633465	15.005	ng		98
91) Dibenzo(a,h)anthracene	16.54	278	85050	2.280	ng	#	87
92) Benzo(g,h,i)perylene	16.93	276	275204	7.601	ng		97

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

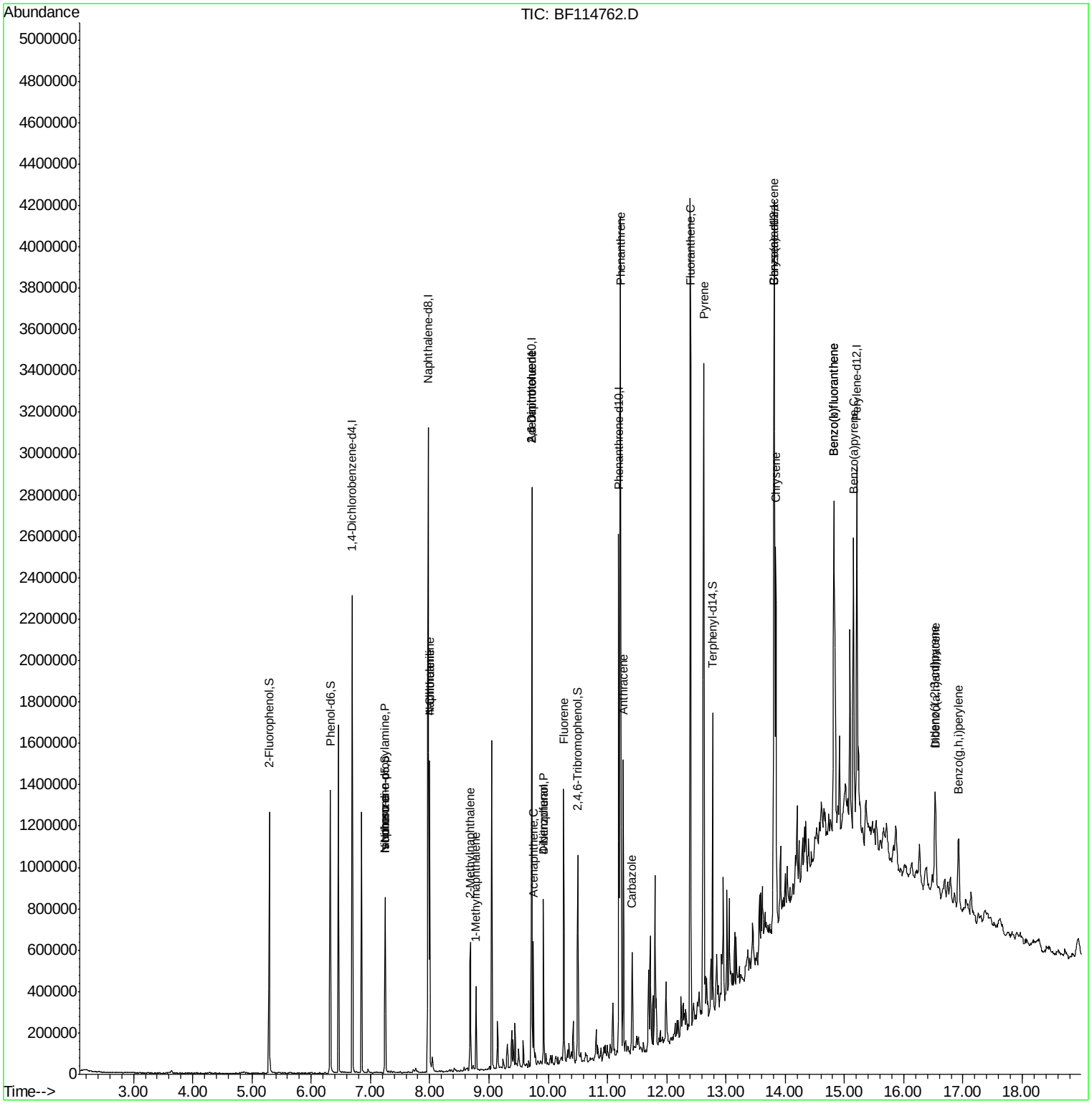
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

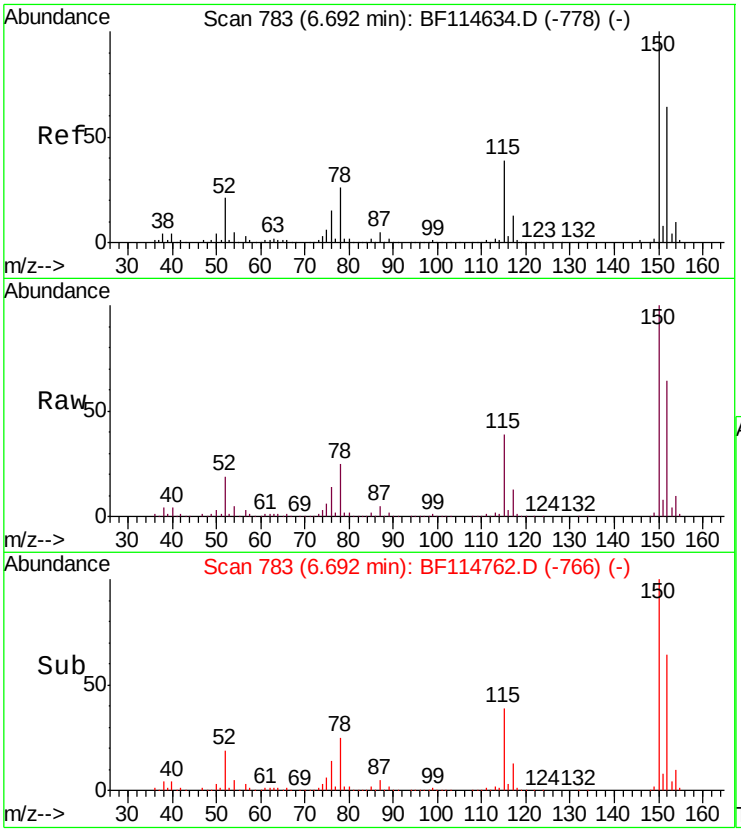
Quantitation Report (Not Reviewed)

Data File : BF114762.D
Acq On : 1 Jun 2019 17:32
Operator : HP/JU
Sample : K2639-05 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-053019-A

Quant Time: Jun 03 01:42:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



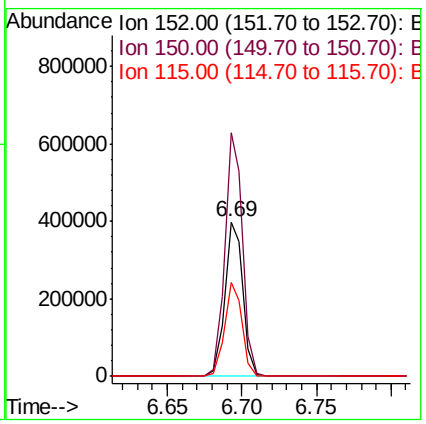


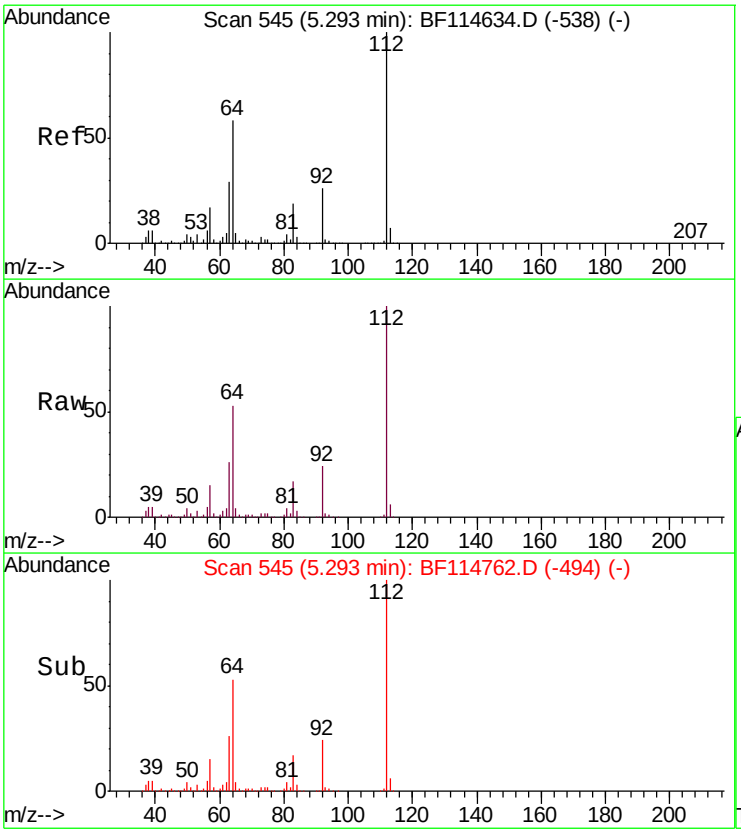
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:152 Resp: 343310

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	60.9	48.7	73.1

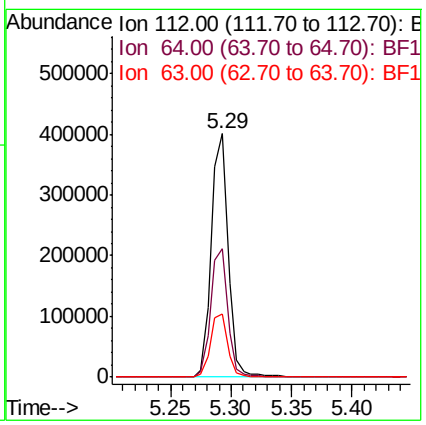


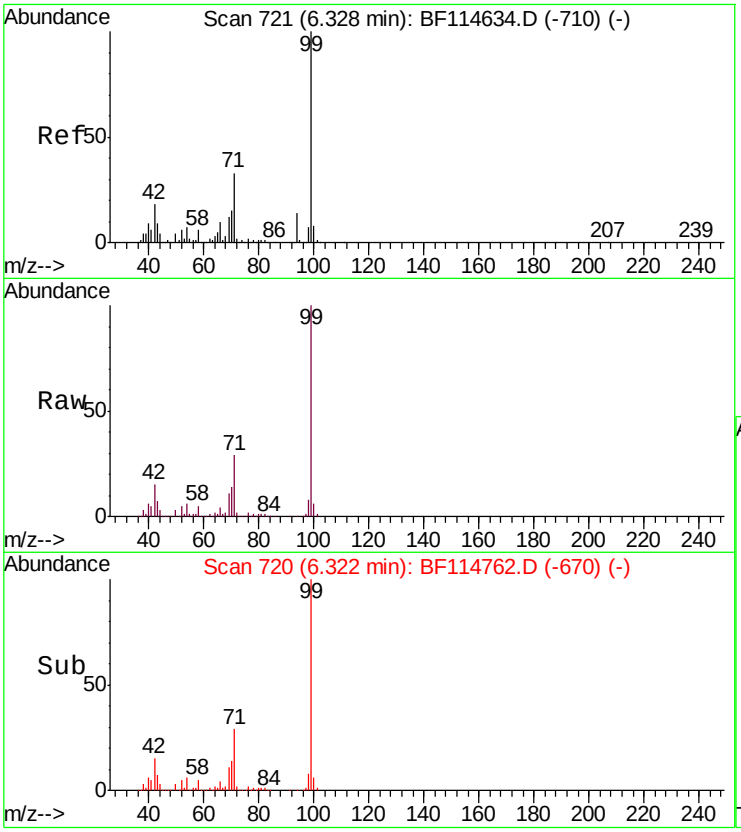


#5
2-Fluorophenol
Concen: 19.700 ng
RT: 5.29 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:112 Resp: 385210

Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.1	69.1
63	25.7	23.4	35.2



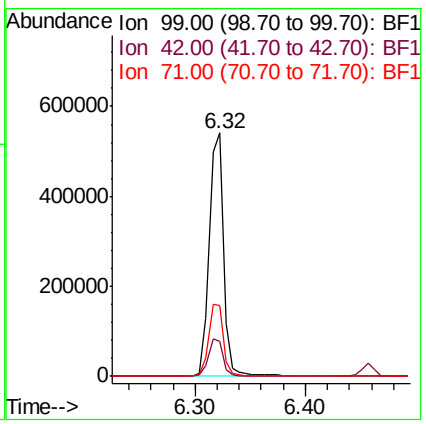


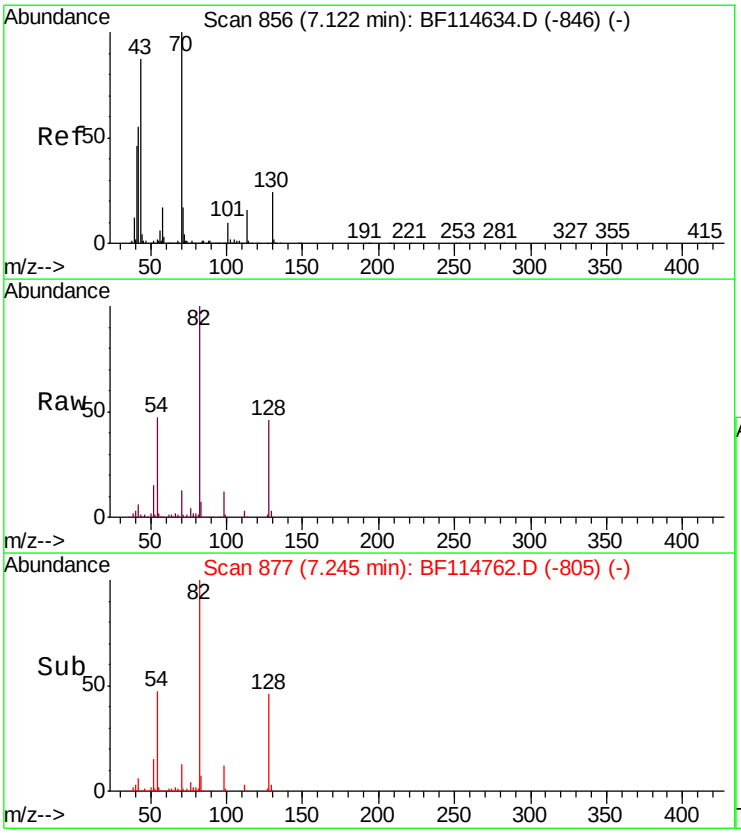
#7
Phenol-d6
Concen: 20.276 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion: 99 Resp: 477761

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.7	22.1#
71	29.3	26.6	40.0

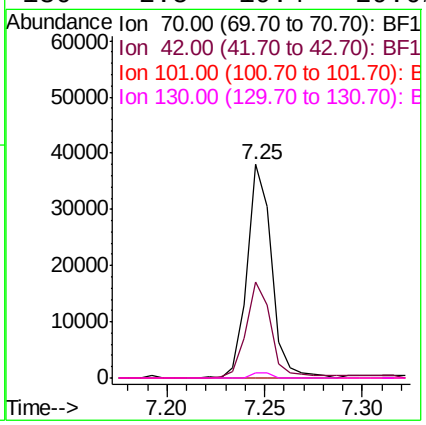


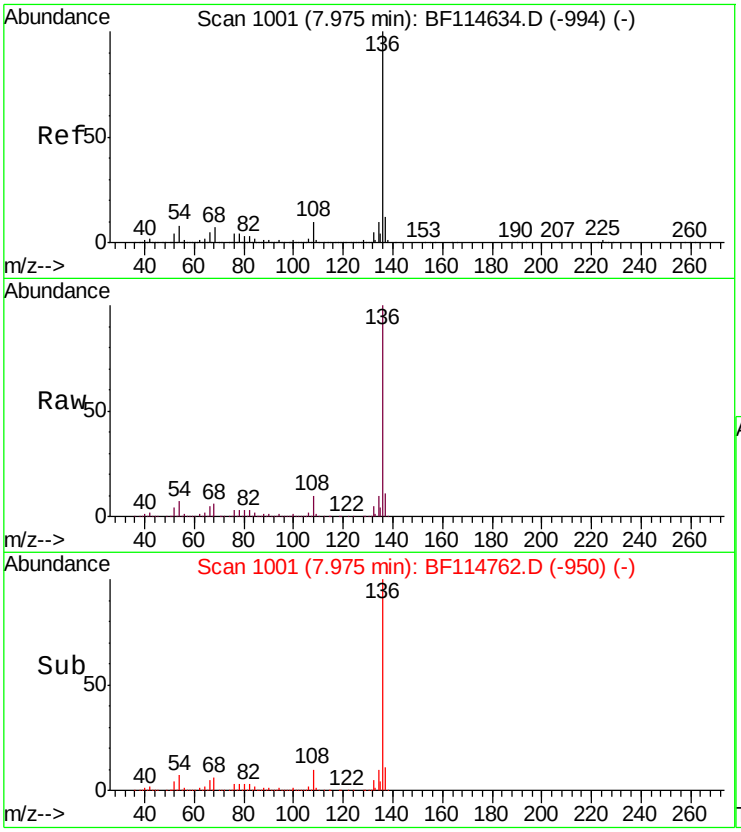


#19
n-Nitroso-di-n-propylamine
Concen: 2.032 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion: 70 Resp: 33048

Ion	Ratio	Lower	Upper
70	100		
42	45.2	44.4	66.6
101	0.0	8.2	12.4#
130	2.5	19.4	29.0#



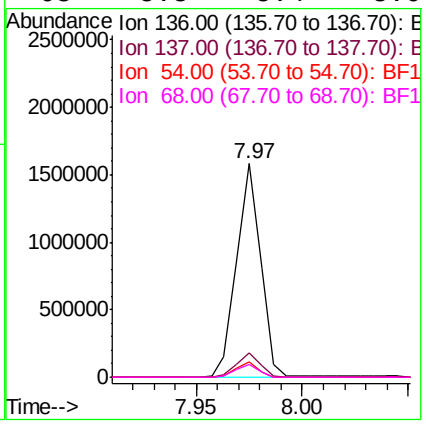


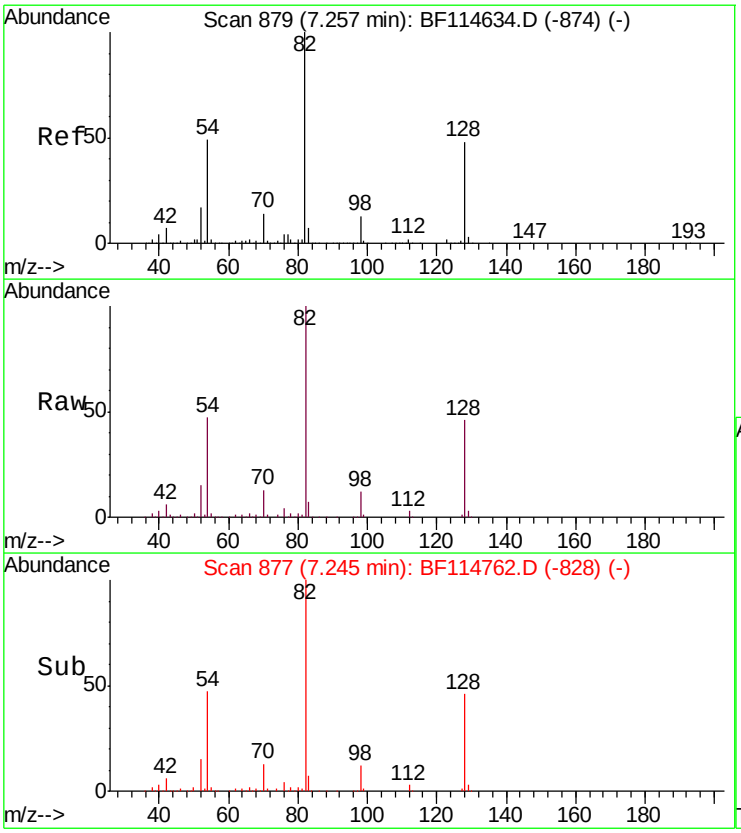
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:136 Resp: 1249336

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.0	6.3	9.5
68	5.8	5.4	8.0

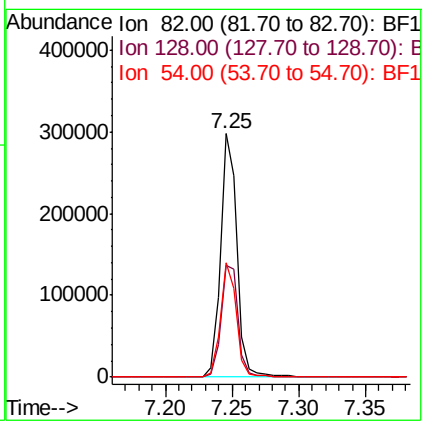


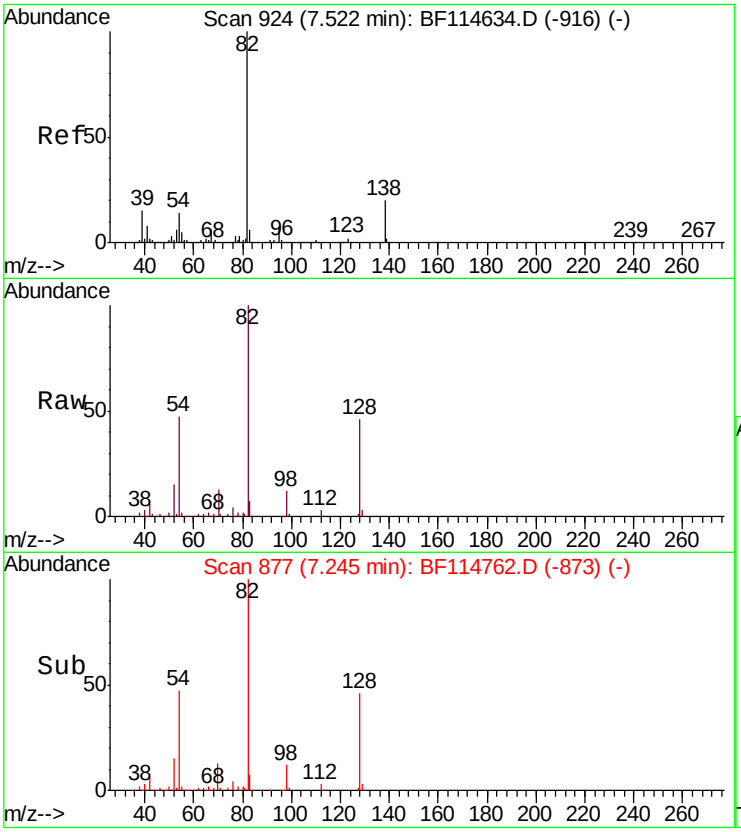


#23
Nitrobenzene-d5
Concen: 12.906 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion: 82 Resp: 258446

Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.5	57.7
54	46.8	39.1	58.7



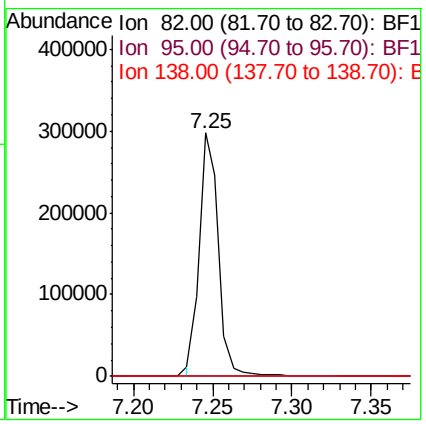


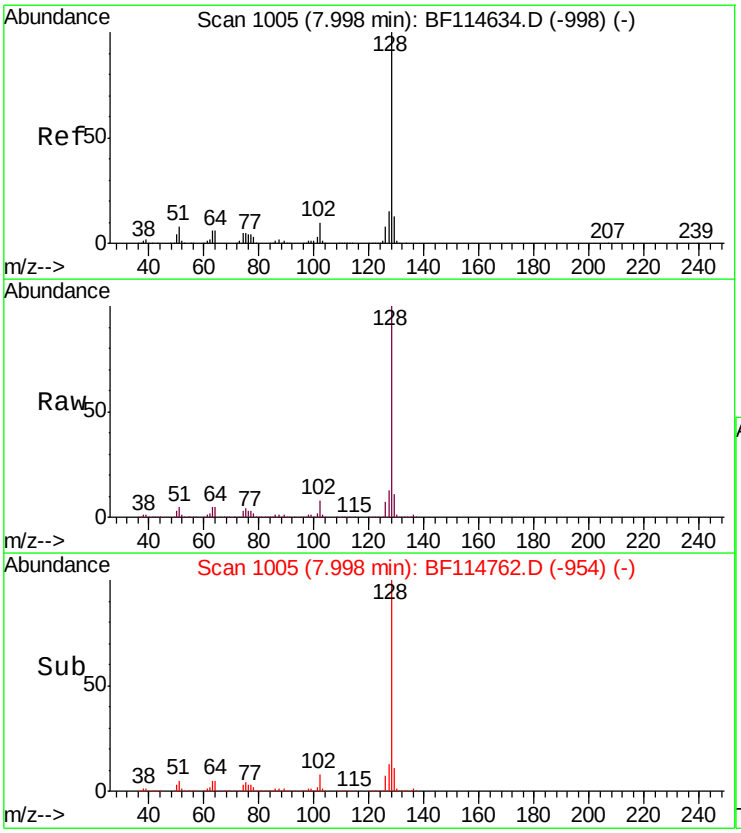
#25
Isophorone
Concen: 6.219 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion: 82 Resp: 249922

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.9	23.9#

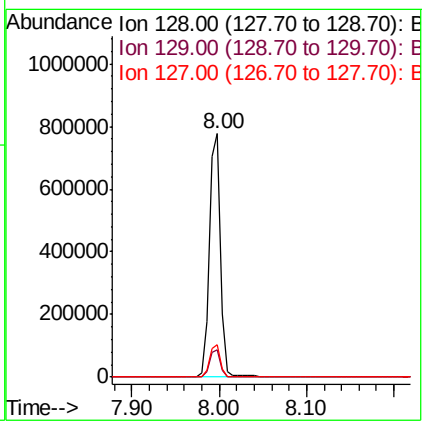


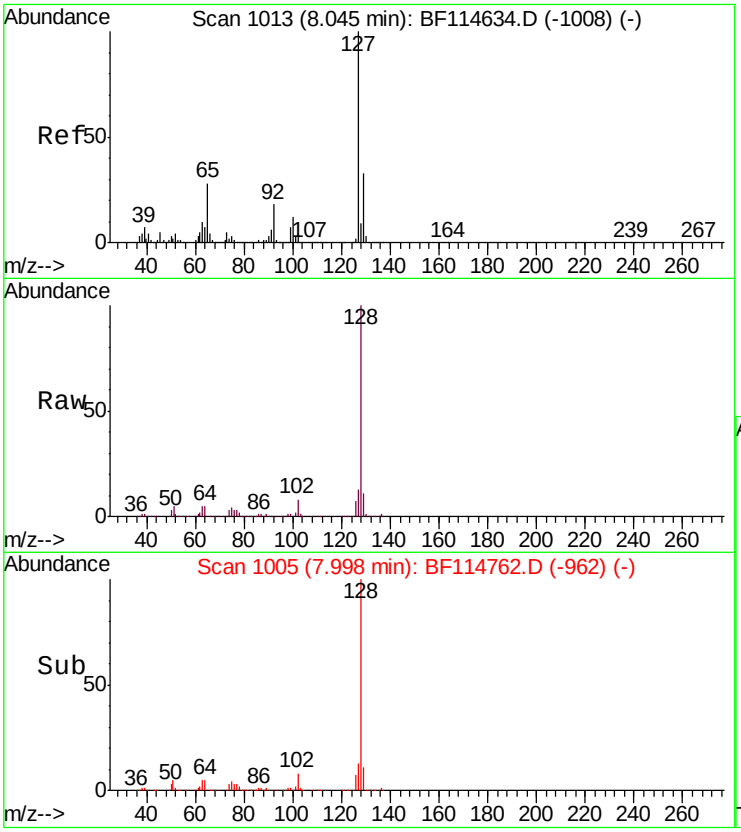


#31
Naphthalene
Concen: 11.909 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:128 Resp: 685318

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.2	15.2
127	13.2	11.9	17.9



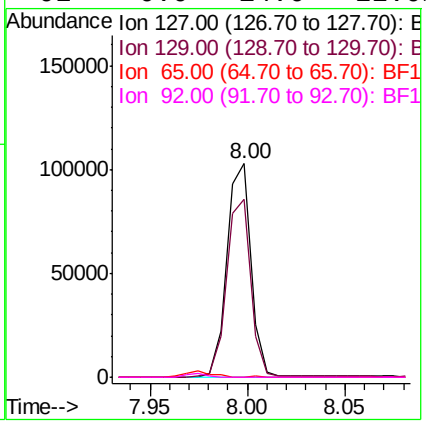


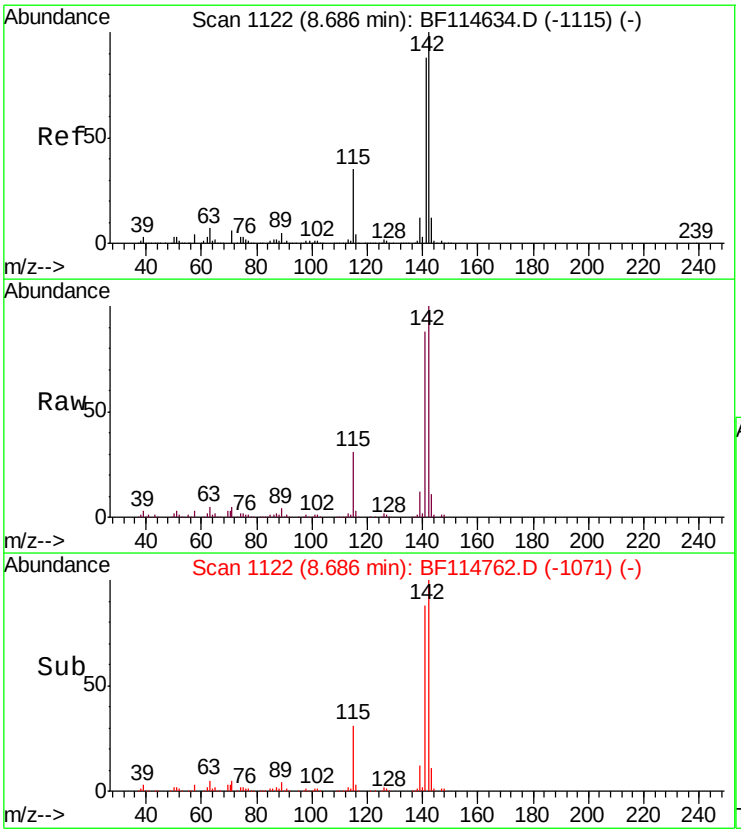
#33
4-Chloroaniline
Concen: 3.235 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.05 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:127 Resp: 88687

Ion	Ratio	Lower	Upper
127	100		
129	83.5	26.7	40.1#
65	0.0	22.5	33.7#
92	0.0	14.6	22.0#

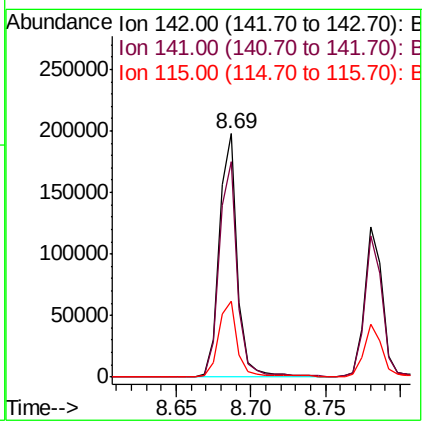


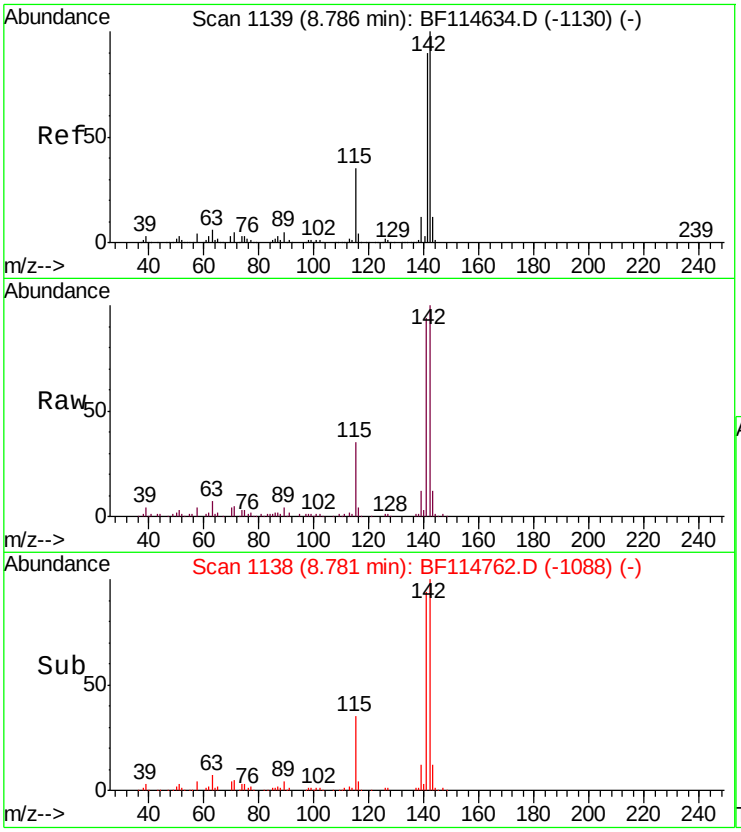


#37
2-Methylnaphthalene
Concen: 4.431 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:142 Resp: 169420

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	31.0	28.0	42.0



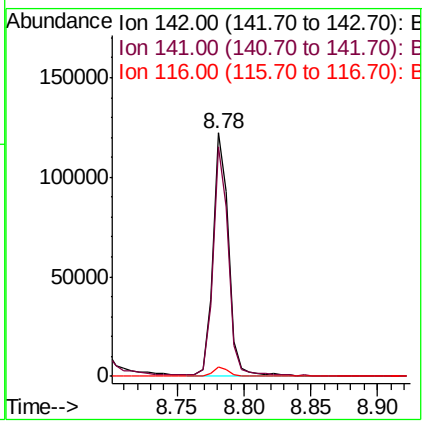


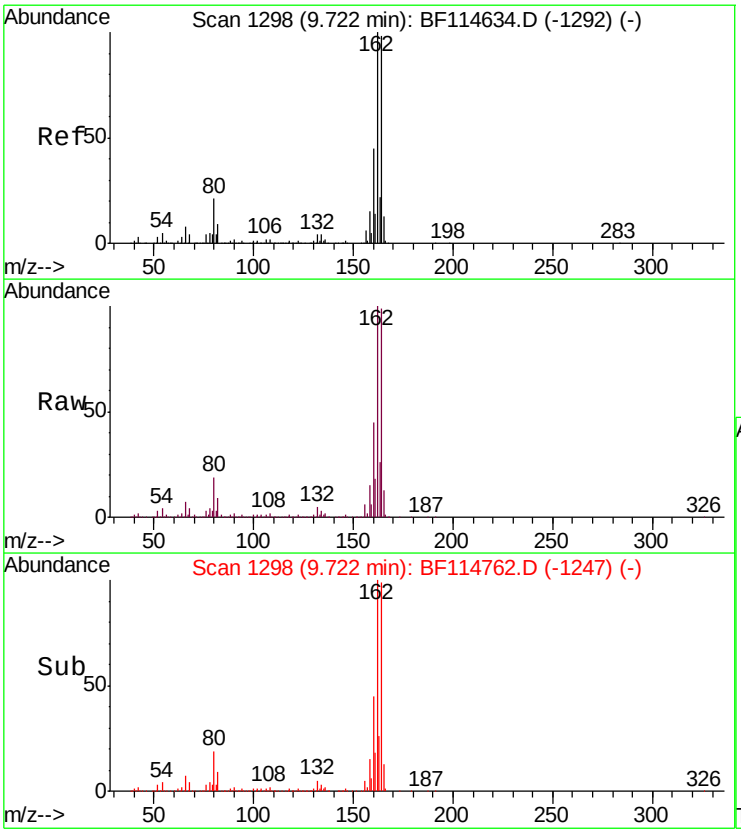
#38
1-Methylnaphthalene
Concen: 2.822 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:142 Resp: 102234

Ion	Ratio	Lower	Upper
142	100		
141	94.1	72.3	108.5
116	4.0	3.0	4.4

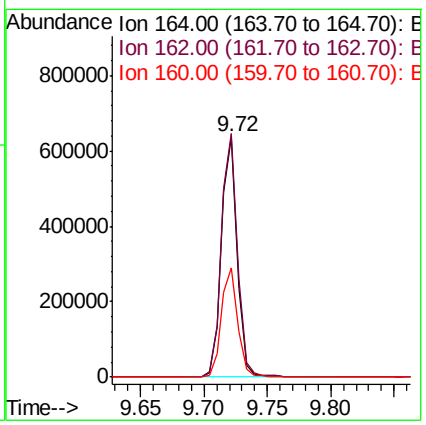


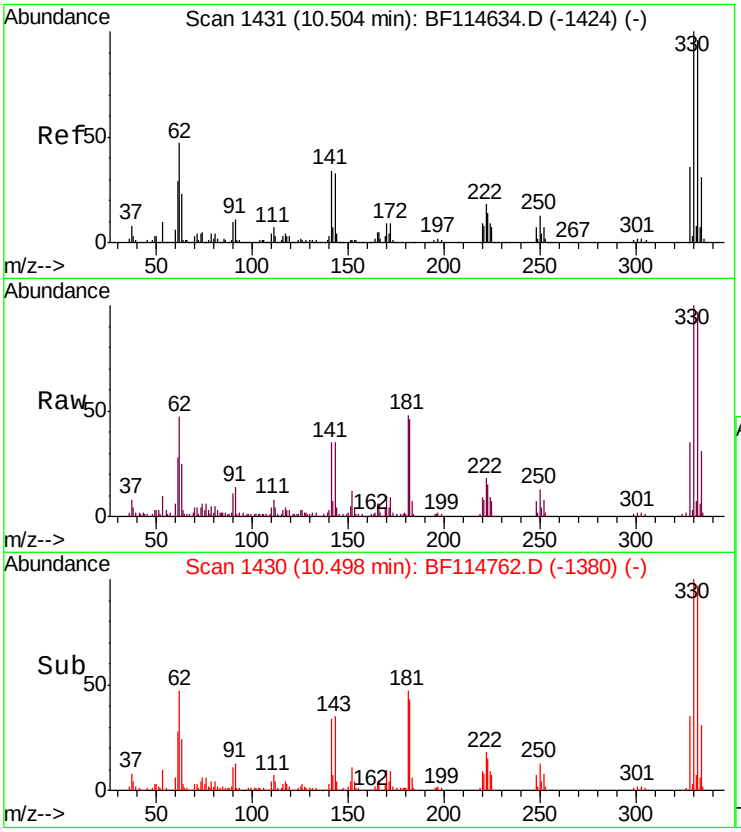


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:164 Resp: 554666

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.2
160	45.6	36.6	54.8



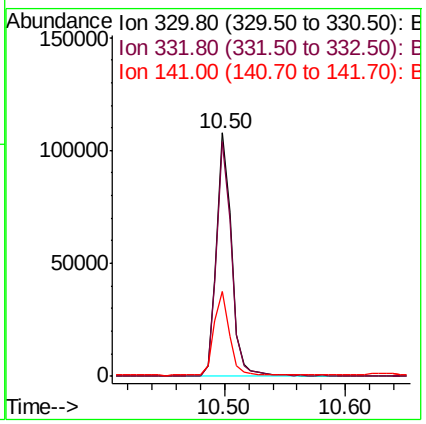


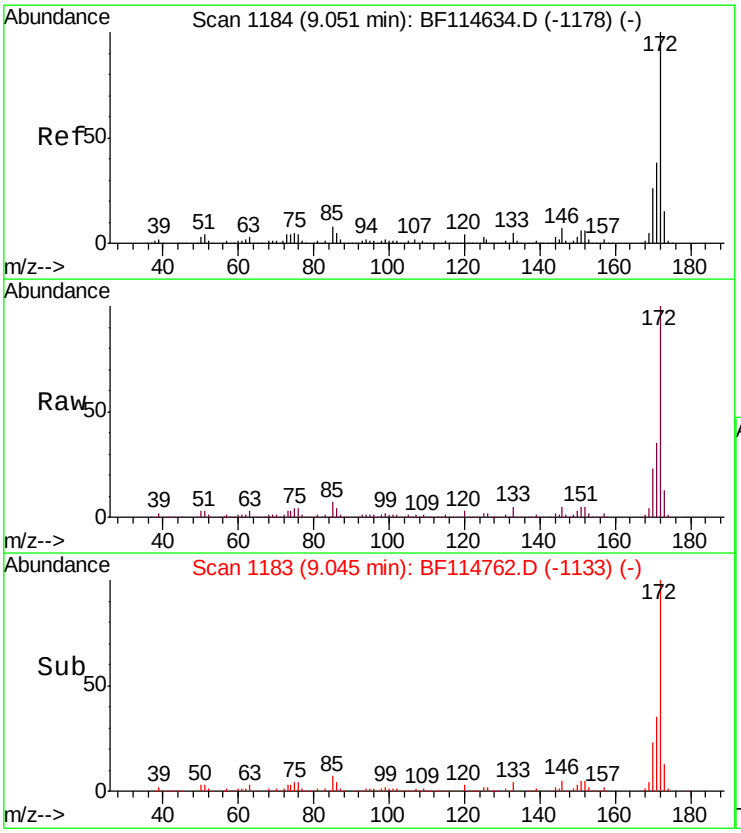
#42
2,4,6-Tribromophenol
Concen: 17.455 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:330 Resp: 92249

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.8	113.8
141	35.0	27.8	41.8

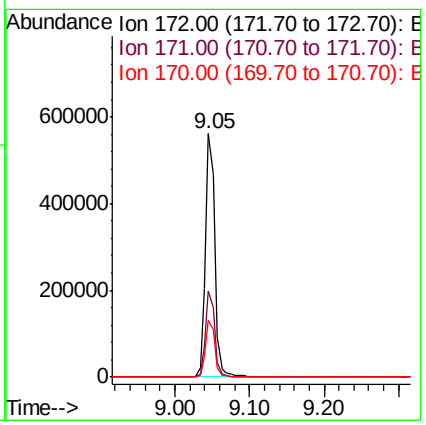


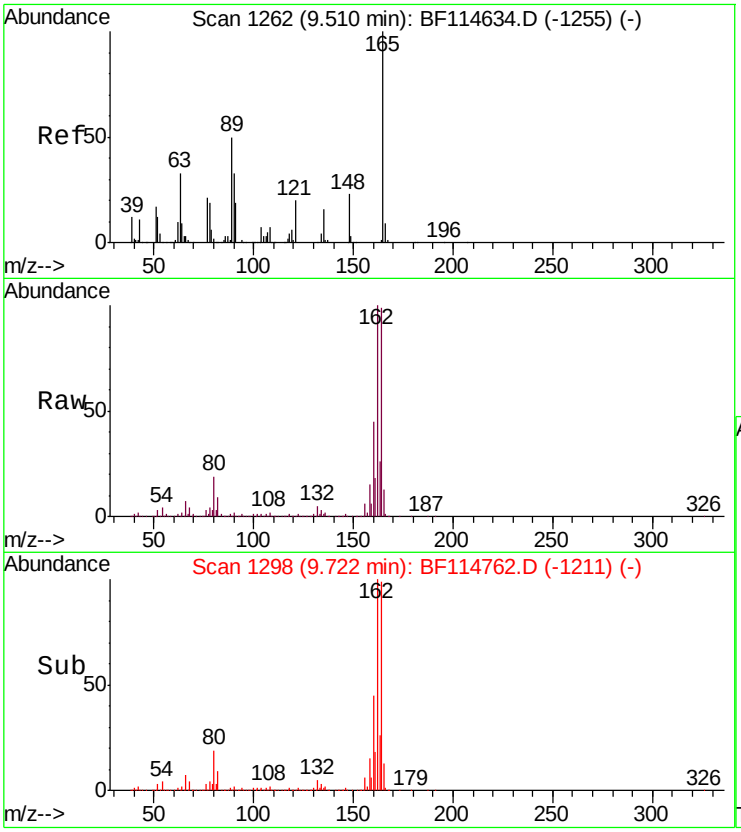


#45
2-Fluorobiphenyl
Concen: 1.062 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:172 Resp: 497942

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.6	45.8
170	23.2	20.7	31.1



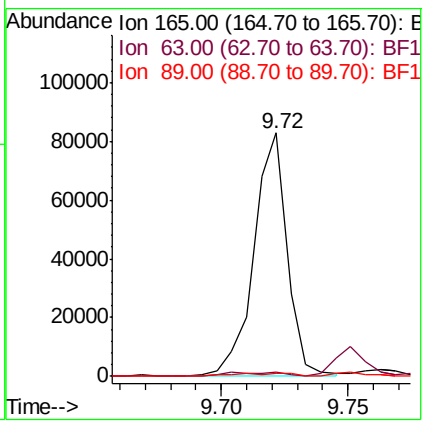


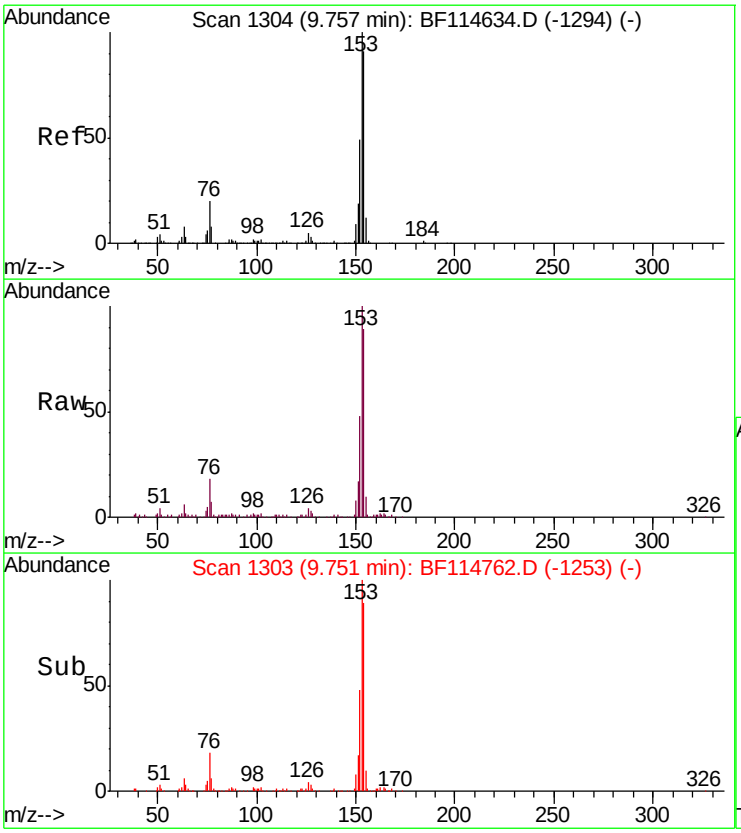
#51
2,6-Dinitrotoluene
Concen: 8.518 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.21 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:165 Resp: 76496

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.6	54.8#
89	1.3	40.2	60.4#

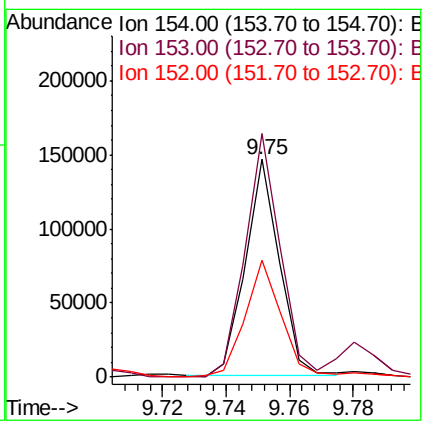


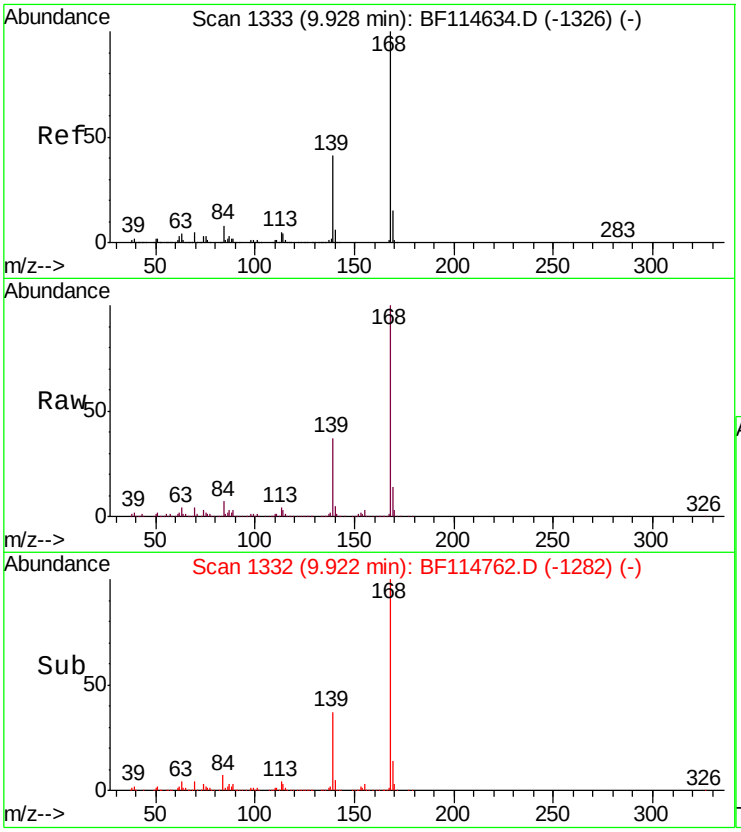


#52
Acenaphthene
Concen: 3.385 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:154 Resp: 108310

Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.4	132.6
152	53.6	43.4	65.0



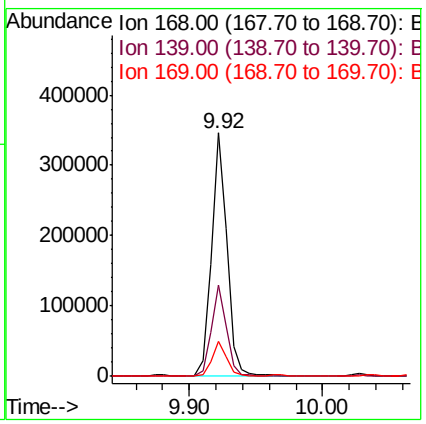


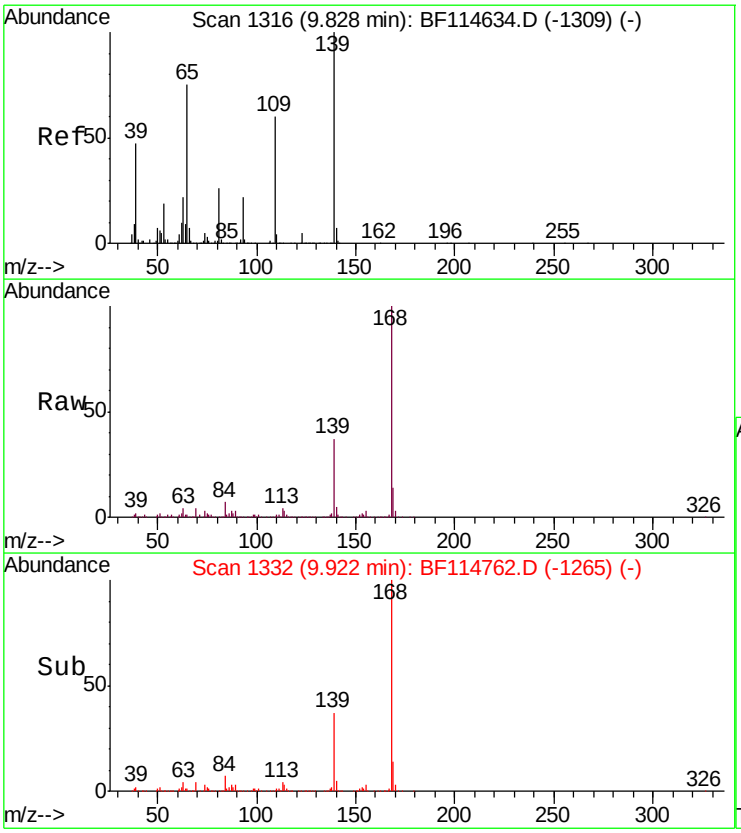
#55
Dibenzofuran
Concen: 6.280 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:168 Resp: 286053

Ion	Ratio	Lower	Upper
168	100		
139	37.4	32.6	48.8
169	14.2	11.8	17.8

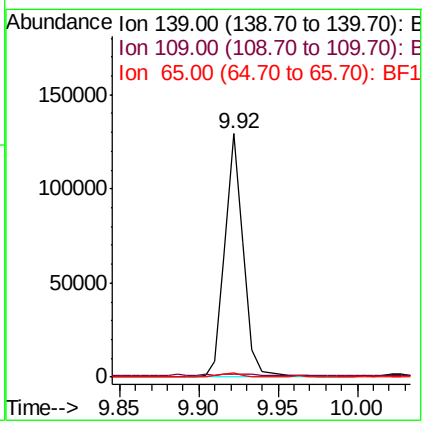


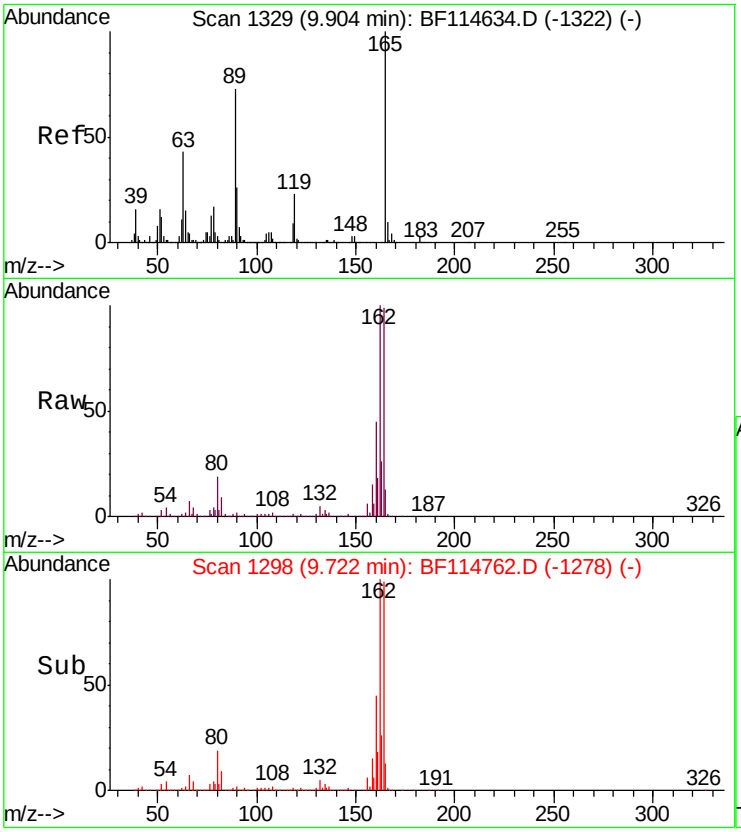


#56
4-Nitrophenol
Concen: 12.969 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.09 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:139 Resp: 105640

Ion	Ratio	Lower	Upper
139	100		
109	1.3	40.4	80.4#
65	1.6	54.7	94.7#



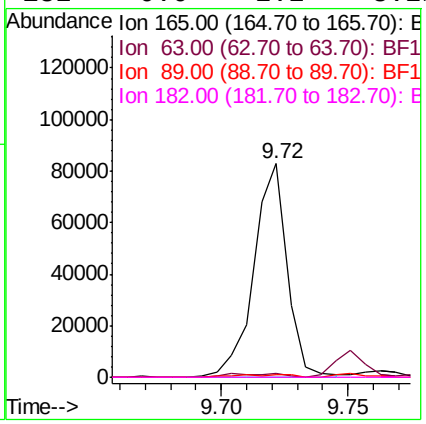


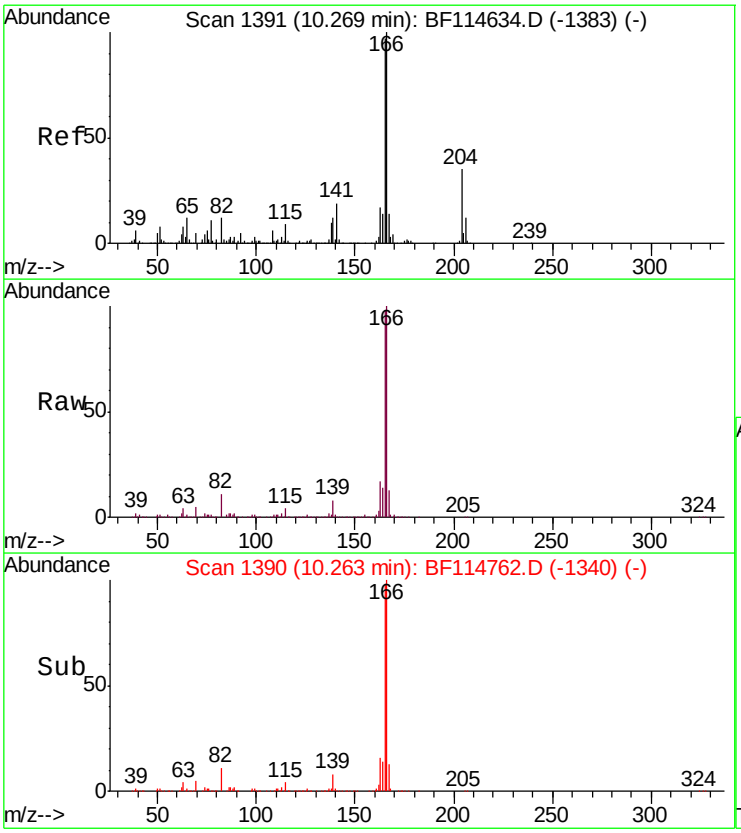
#57
2,4-Dinitrotoluene
Concen: 6.637 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:165 Resp: 76496

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.8	52.2#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#

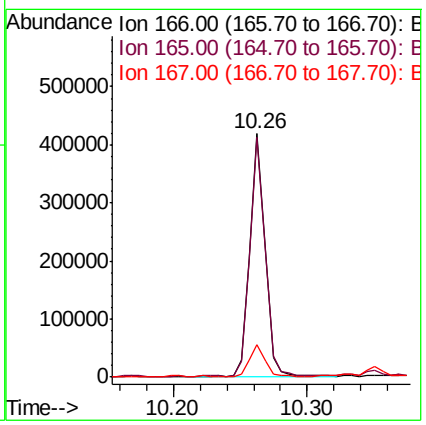


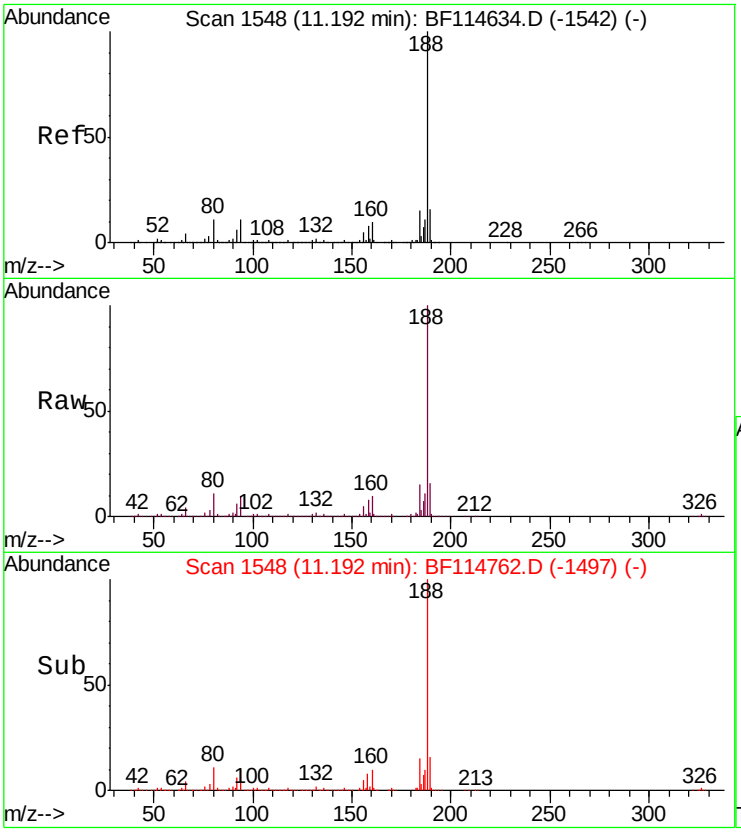


#58
Fluorene
Concen: 5.983 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:166 Resp: 325704

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.6	116.4
167	13.5	11.2	16.8



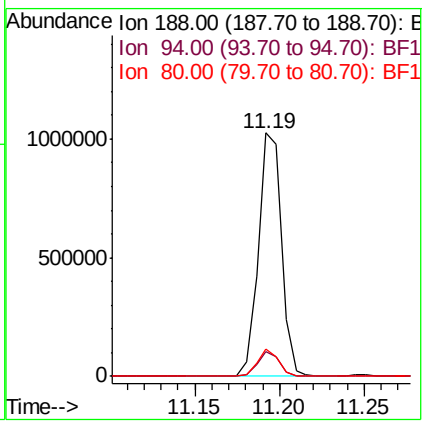


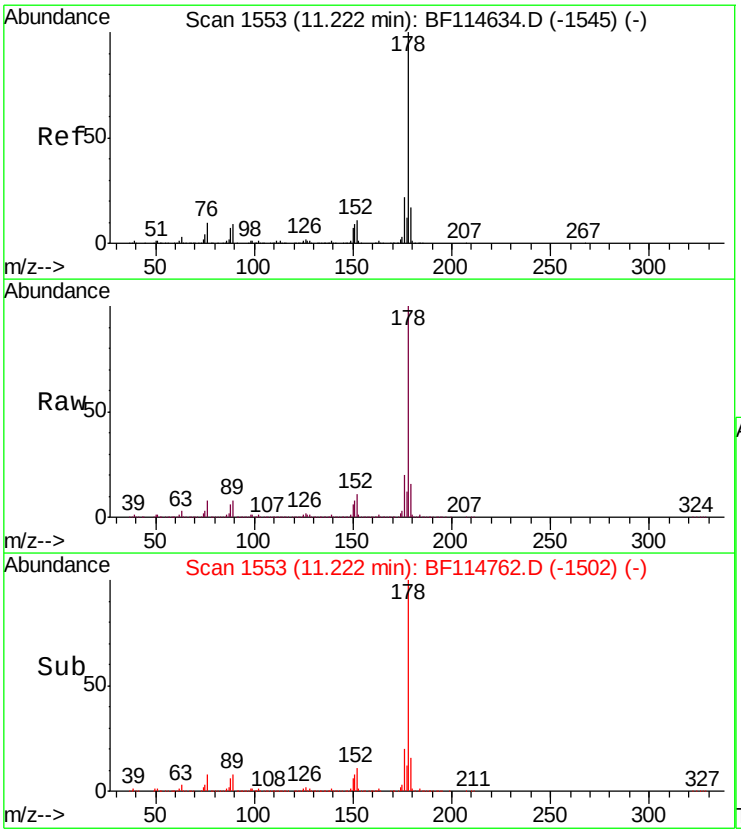
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:188 Resp: 976456

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	13.0
80	11.0	9.0	13.6

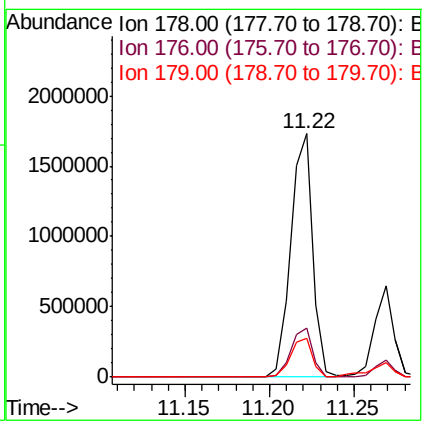


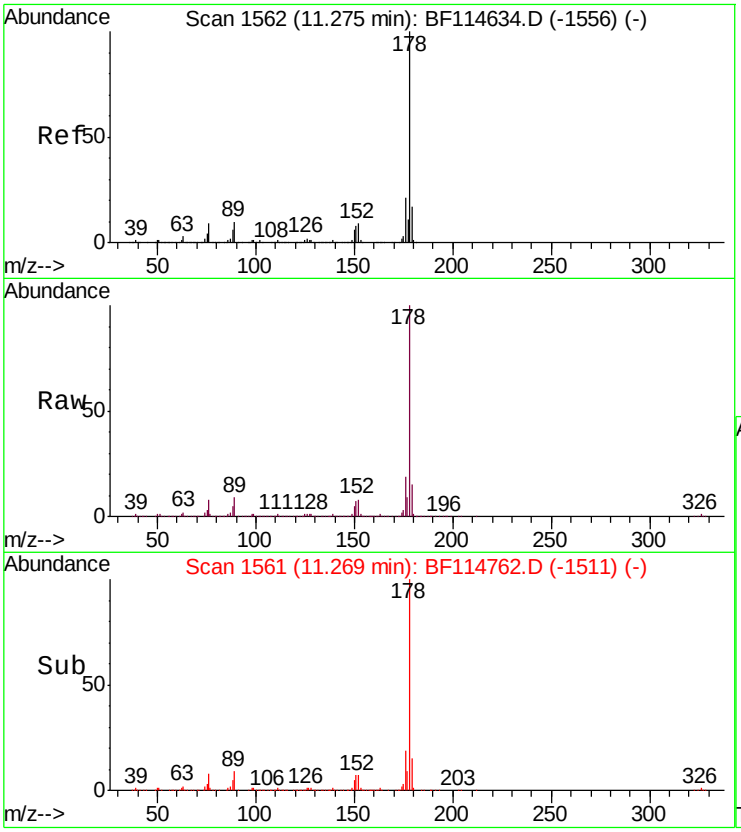


#71
Phenanthrene
Concen: 31.106 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:178 Resp: 1549399

Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.2	25.8
179	16.0	13.9	20.9



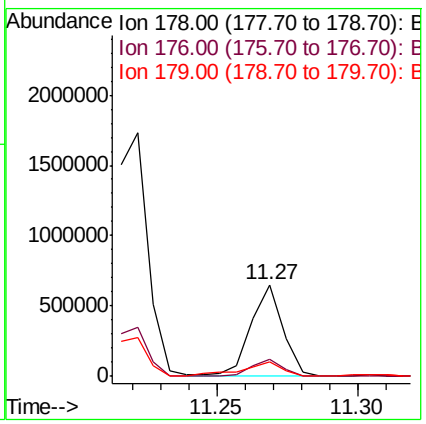


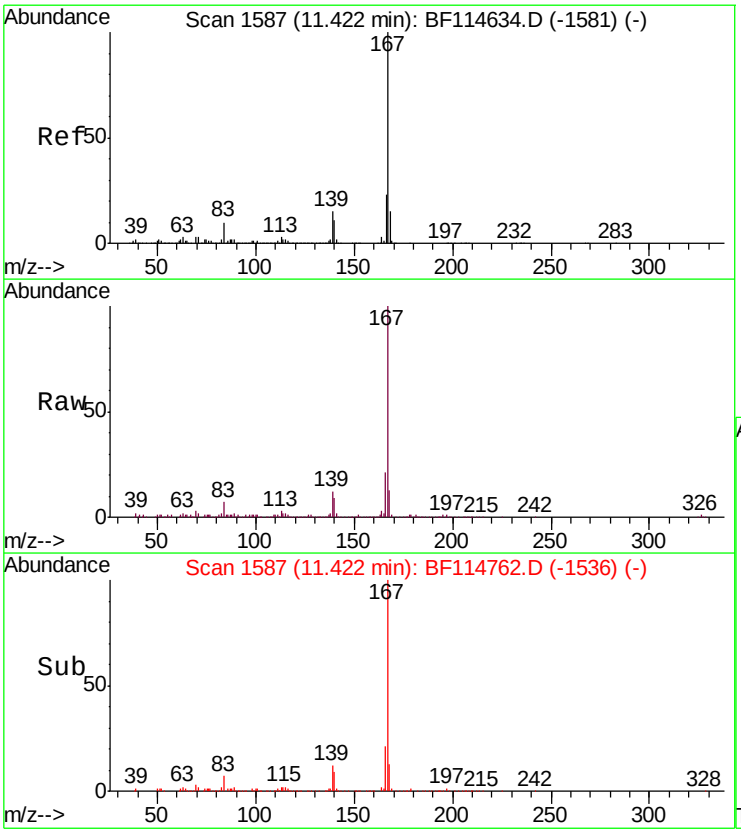
#72
Anthracene
Concen: 10.041 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:178 Resp: 506215

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	24.8
179	15.5	13.4	20.0

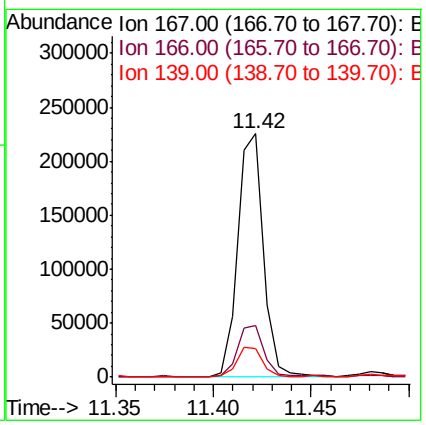


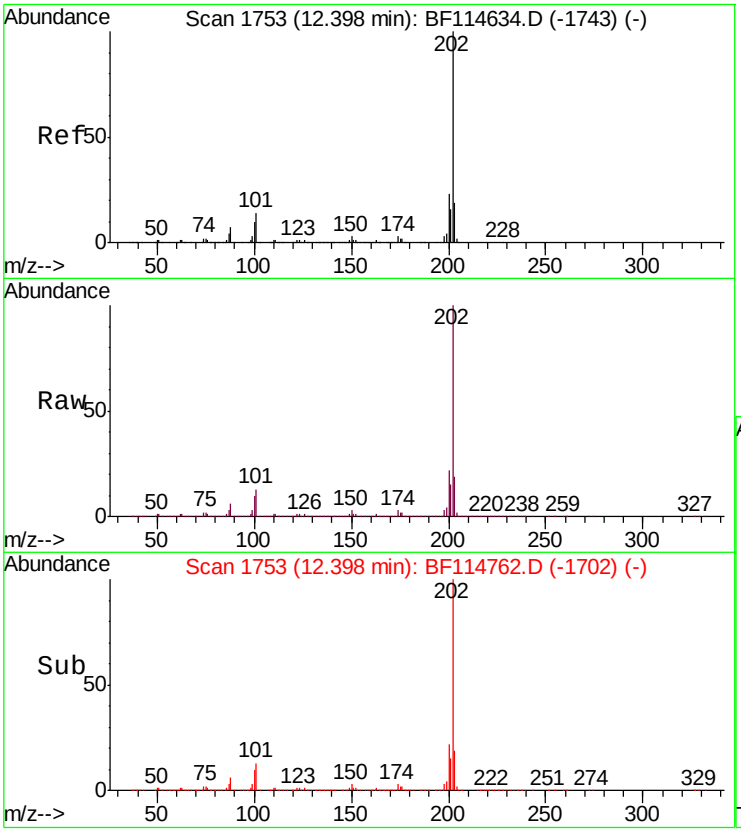


#73
Carbazole
Concen: 4.602 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:167 Resp: 203903

Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.7	28.1
139	11.8	11.8	17.8#



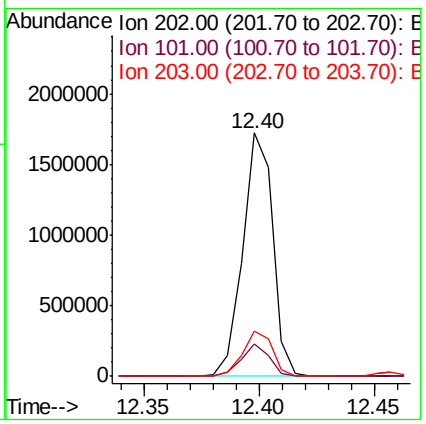


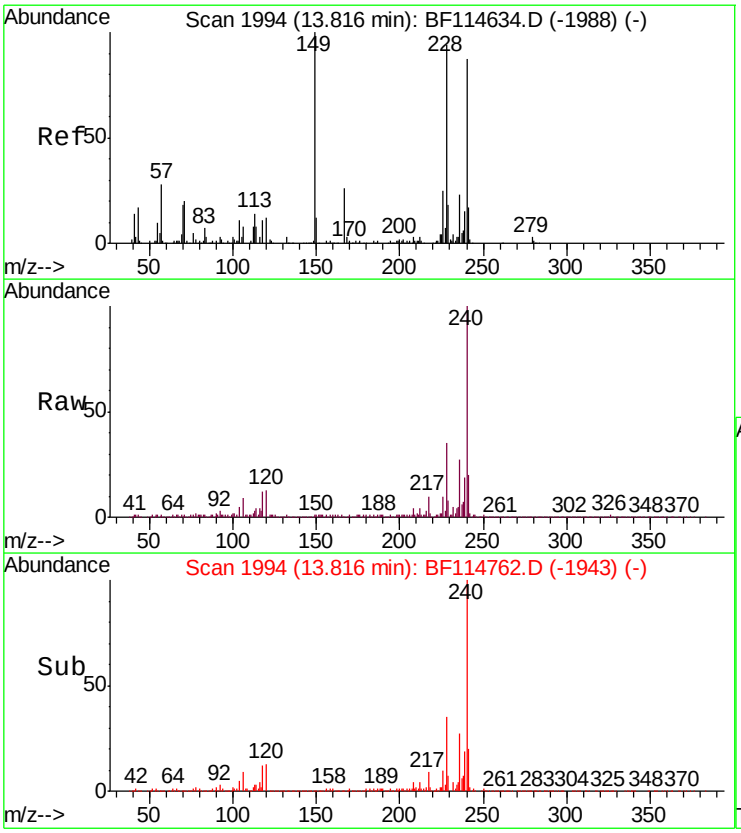
#75
Fluoranthene
Concen: 30.297 ng
RT: 12.40 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:202 Resp: 1562624

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.9
203	18.7	0.0	39.1

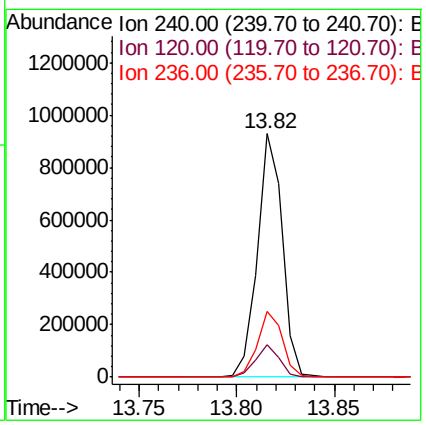


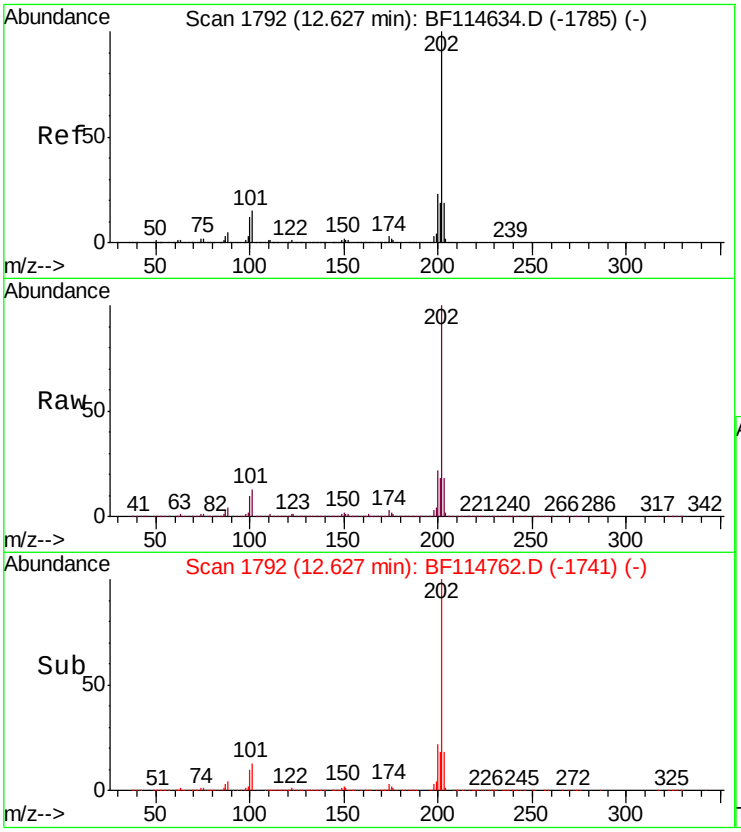


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:240 Resp: 817552

Ion	Ratio	Lower	Upper
240	100		
120	13.3	11.2	16.8
236	26.8	21.2	31.8



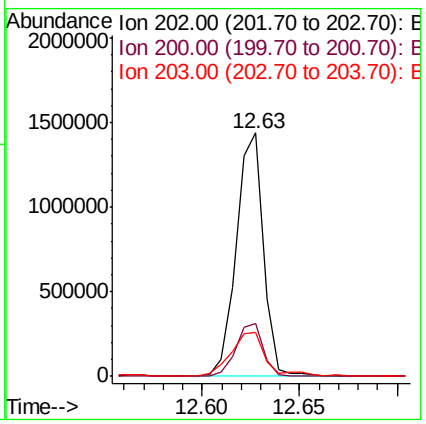


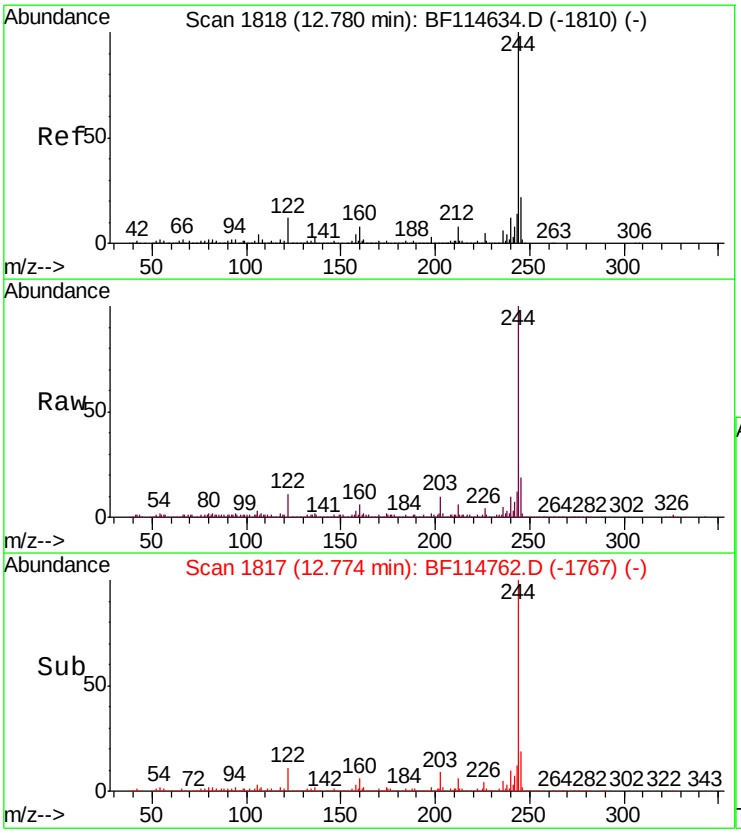
#78
Pyrene
Concen: 19.876 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:202 Resp: 1374573

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.6	28.0
203	18.1	15.4	23.2

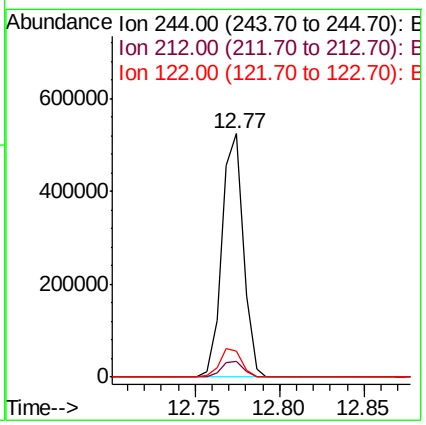


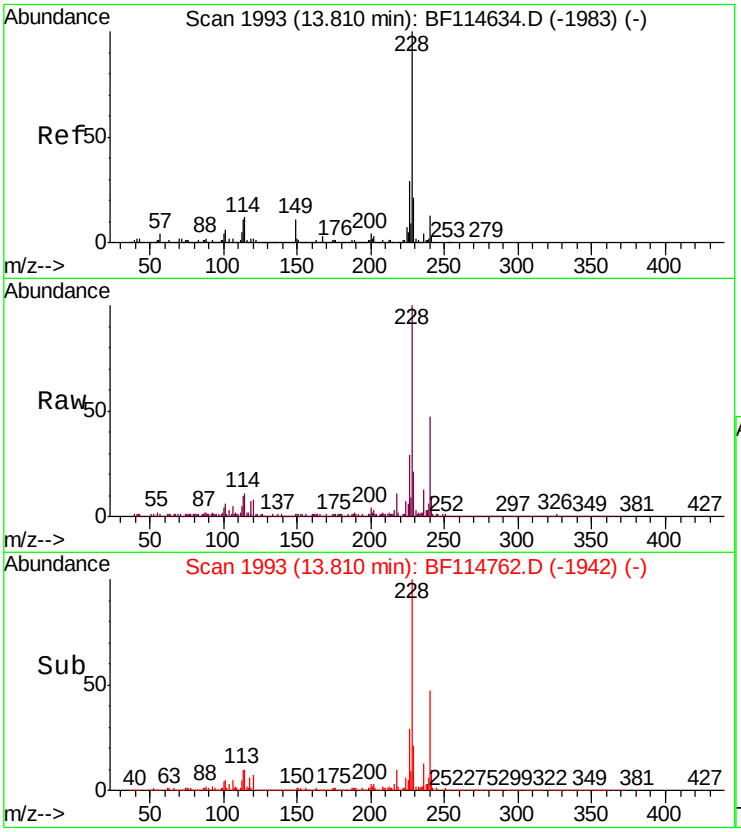


#79
Terphenyl-d14
Concen: 10.630 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:244 Resp: 462244

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.1	9.1
122	10.7	9.8	14.8



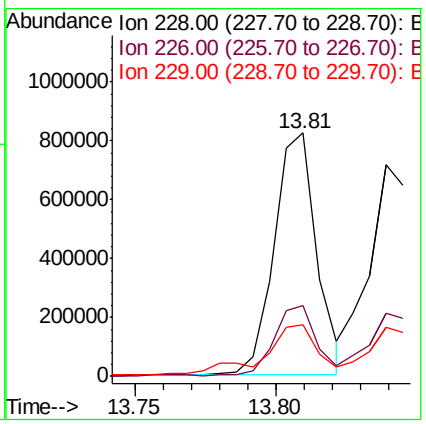


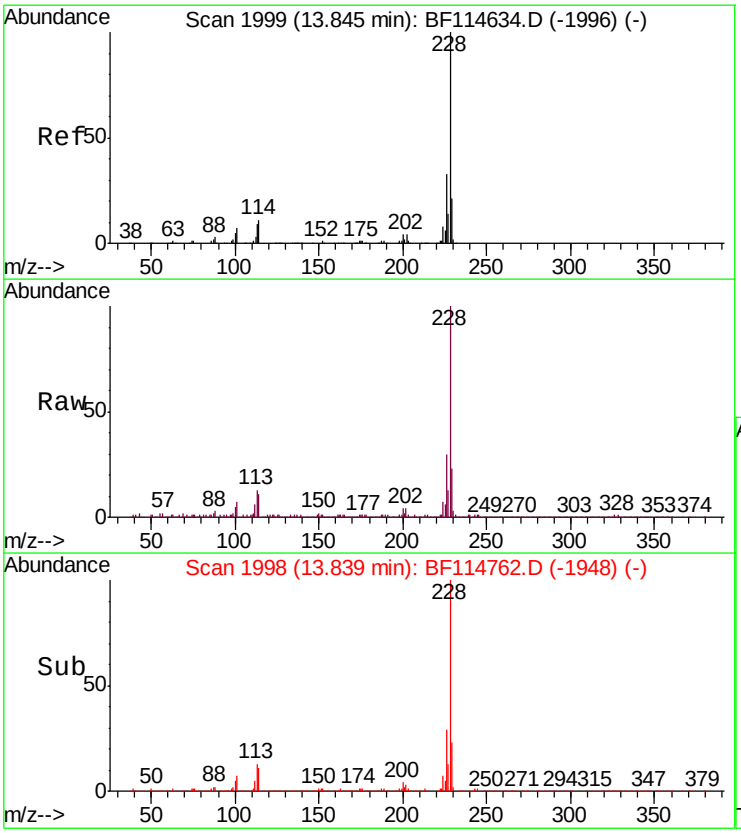
#81
Benzo(a)anthracene
Concen: 13.633 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:228 Resp: 856514

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.3	17.0	25.4

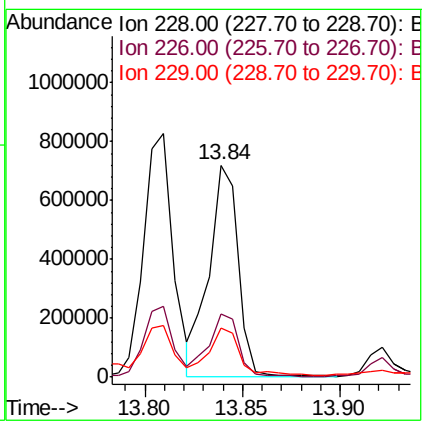


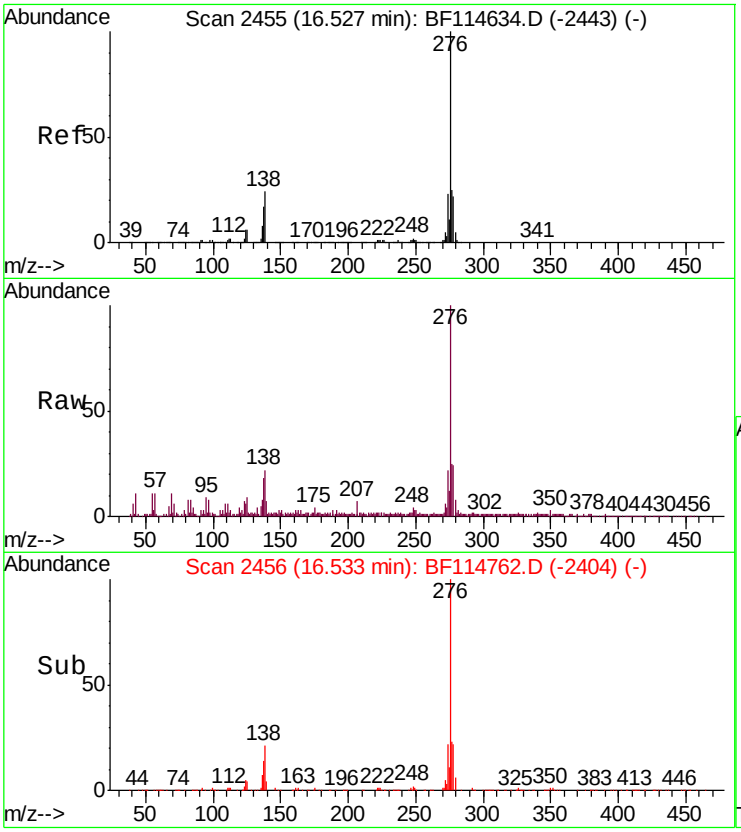


#83
Chrysene
Concen: 12.343 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:228 Resp: 740896

Ion	Ratio	Lower	Upper
228	100		
226	29.7	26.4	39.6
229	23.2	17.1	25.7



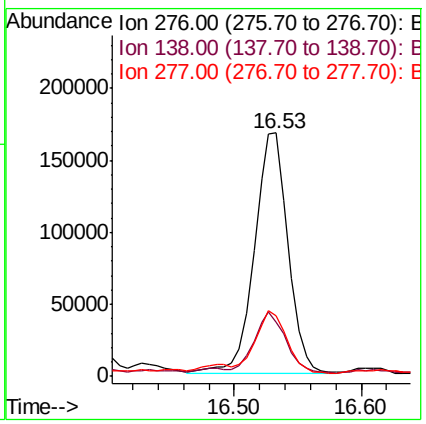


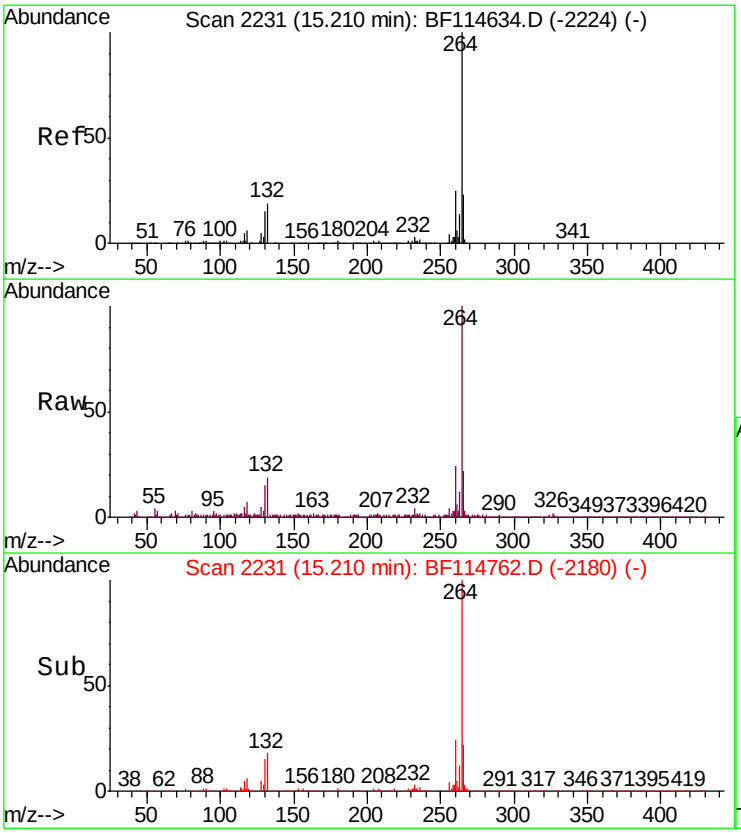
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.121 ng
RT: 16.53 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:276 Resp: 307850

Ion	Ratio	Lower	Upper
276	100		
138	24.2	23.0	34.6
277	24.2	20.5	30.7

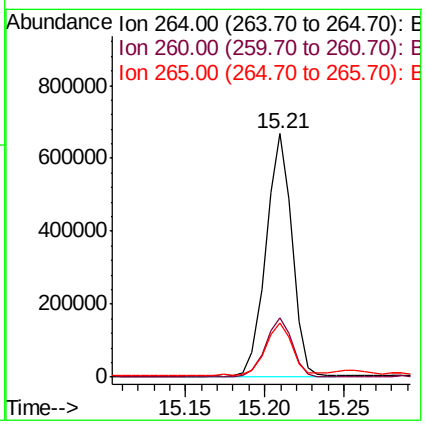


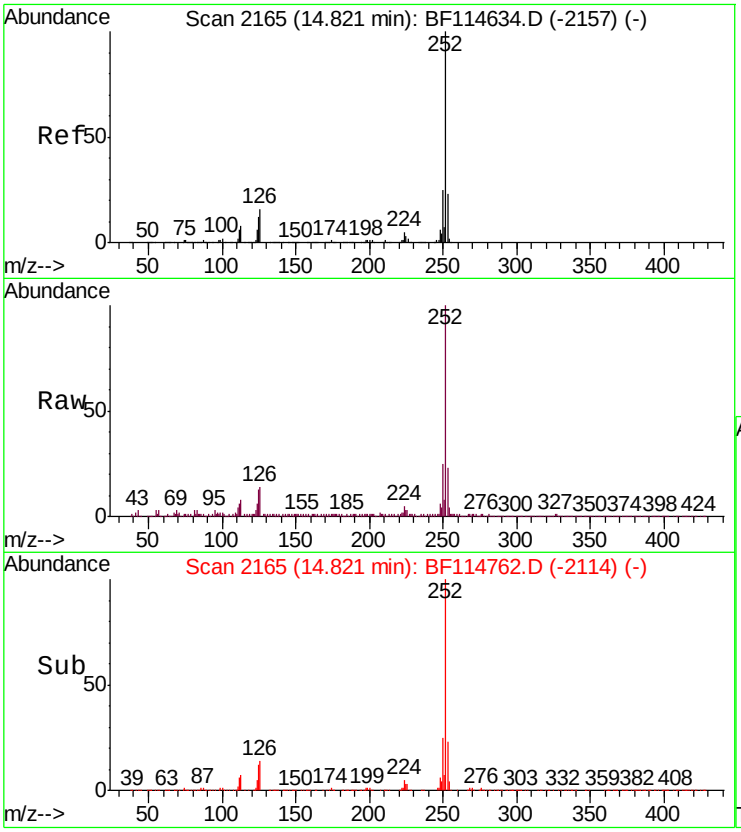


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:264 Resp: 762993

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.3	18.1	27.1



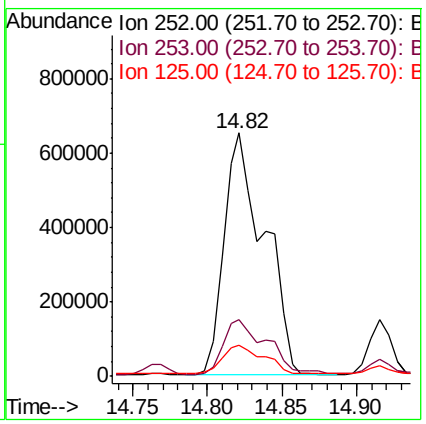


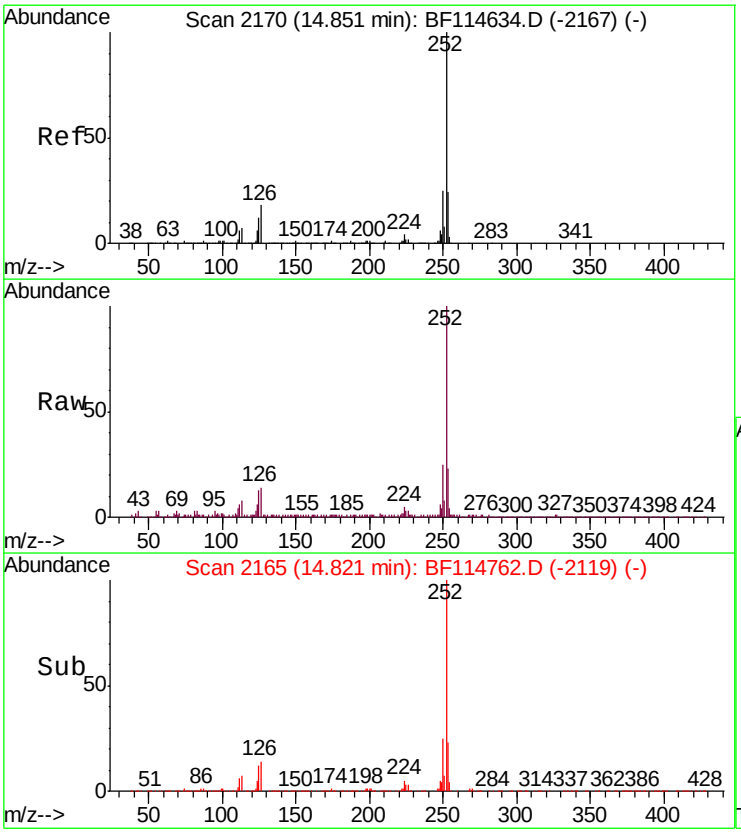
#88
Benzo(b)fluoranthene
Concen: 25.486 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:252 Resp: 1224751

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	12.9	9.4	14.2

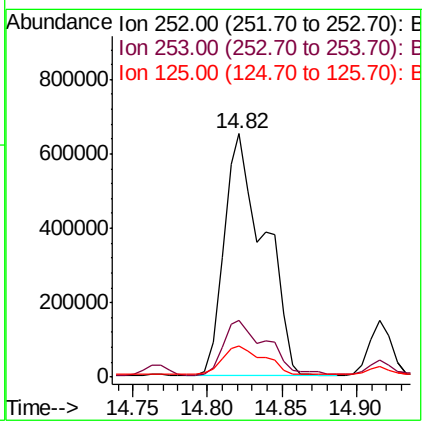


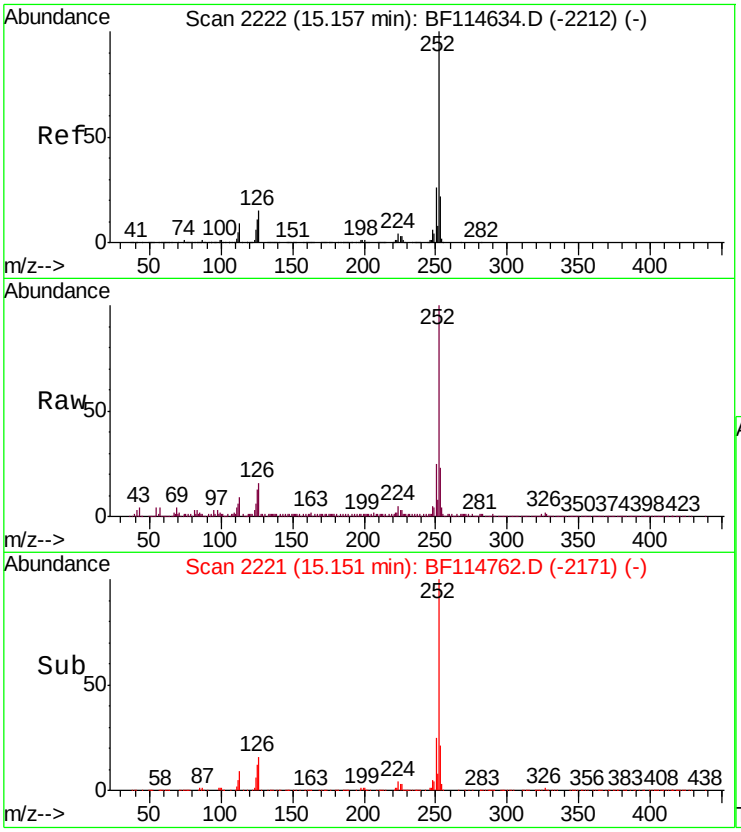


#89
Benzo(k)fluoranthene
Concen: 29.322 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:252 Resp: 1224751

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	12.9	9.5	14.3



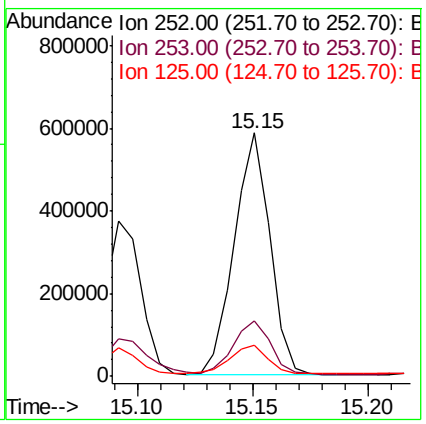


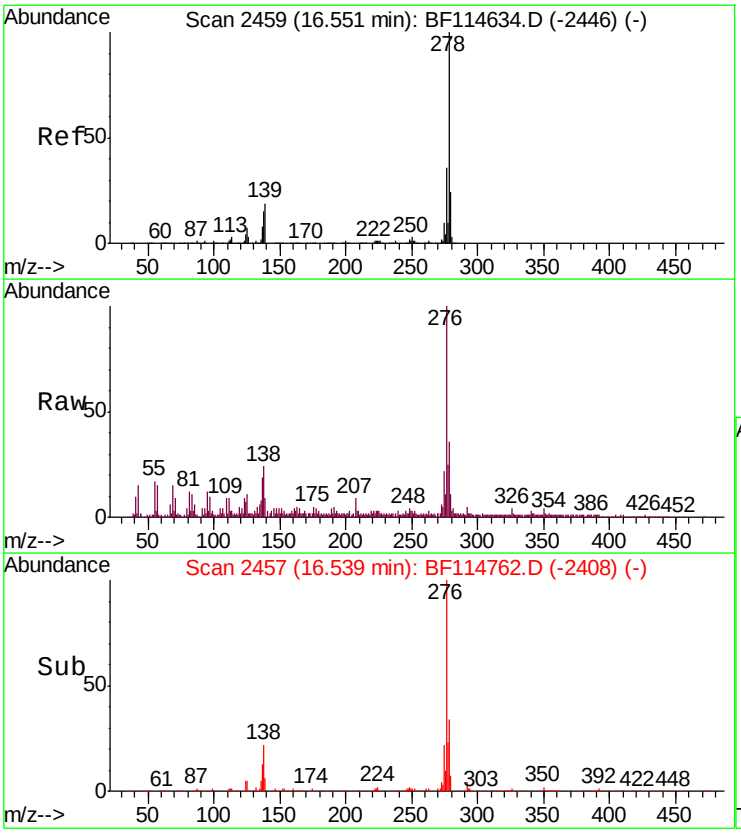
#90
Benzo(a)pyrene
Concen: 15.005 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:252 Resp: 633465

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.9	9.2	13.8

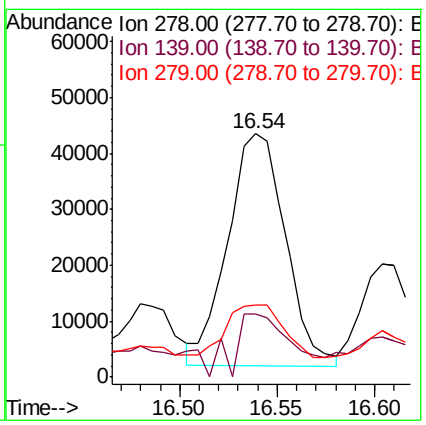


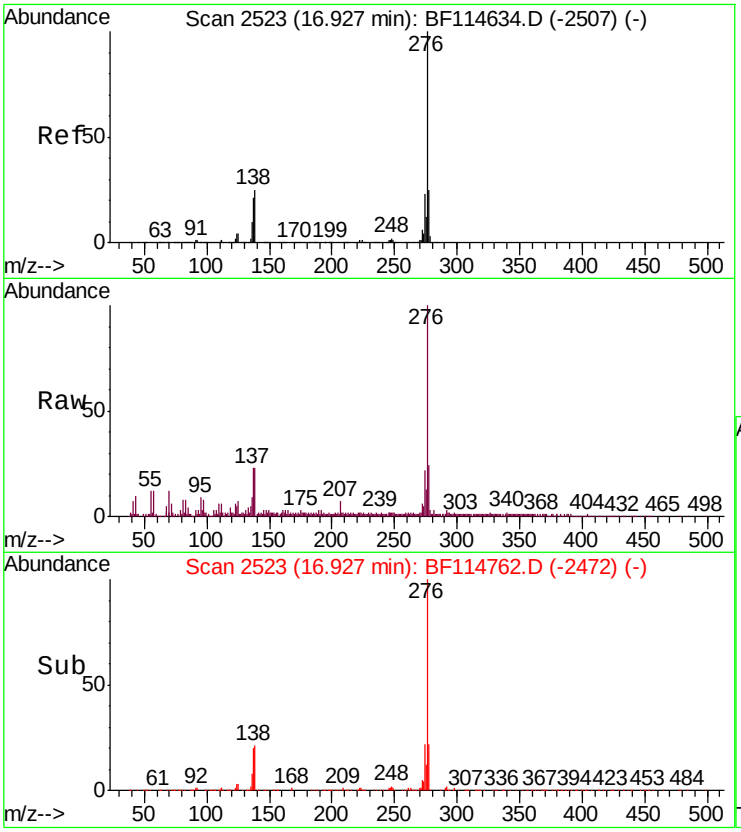


#91
Dibenzo(a,h)anthracene
Concen: 2.280 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Tgt Ion:278 Resp: 85050

Ion	Ratio	Lower	Upper
278	100		
139	25.8	14.9	22.3#
279	29.5	19.5	29.3#





#92
Benzo(g,h,i)perylene
Concen: 7.601 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BF114762.D
Acq: 1 Jun 2019 17:32

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tgt Ion:276 Resp: 275204

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.7	29.5
138	22.7	19.8	29.8