Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
Data File : BF113387.D
Acq On : 28 Mar 2019 21:30
Operator : JU/SJ
Sample : K1697-13 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-032719-A

Quant Time: Mar 29 02:13:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	181507	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	706174	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	348239	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	653458	20.00	ng		0.00
76) Chrysene-d12	13.84	240	444971	20.00	ng		0.00
87) Perylene-d12	15.24	264	476409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	543645	48.97	ng		0.00
7) Phenol-d6	6.35	99	734864	52.33	ng		-0.01
23) Nitrobenzene-d5	7.26	82	420100	35.31	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	207632	48.27	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	807552	23.61	ng		0.00
79) Terphenyl-d14	12.79	244	701188	34.73	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	52750	5.980	ng	#	74
20) 3+4-Methylphenols	7.15	107	230	Below Cal		#	17
25) Isophorone	7.26	82	416156	18.049	ng	#	64
31) Naphthalene	8.00	128	181207	5.251	ng		98
37) 2-Methylnaphthalene	8.70	142	123564	5.738	ng		97
38) 1-Methylnaphthalene	8.79	142	126968	6.130	ng		98
49) Acenaphthylene	9.59	152	81874	2.261	ng	#	96
50) Dimethylphthalate	9.45	163	69081	2.677	ng	#	99
51) 2,6-Dinitrotoluene	9.73	165	52340	8.990	ng	#	27
52) Acenaphthene	9.76	154	116865	5.731	ng		98
55) Dibenzofuran	9.94	168	131779	4.299	ng	#	95
58) Fluorene	10.28	166	257475	10.812	ng		100
71) Phenanthrene	11.24	178	1392509	42.911	ng		100
72) Anthracene	11.29	178	324972	9.859	ng		99
73) Carbazole	11.44	167	114015	3.625	ng		100
75) Fluoranthene	12.42	202	1007828	27.472	ng		100
78) Pyrene	12.65	202	1056268	34.255	ng		99
81) Benzo(a)anthracene	13.83	228	444325	17.444	ng		96
83) Chrysene	13.86	228	398751	15.413	ng		98
86) Indeno(1,2,3-cd)pyrene	16.60	276	183190	8.251	ng		95
88) Benzo(b)fluoranthene	14.85	252	605763	20.469	ng	#	97
89) Benzo(k)fluoranthene	14.85	252	605763	23.308	ng	#	96
90) Benzo(a)pyrene	15.19	252	379022	14.446	ng		98
91) Dibenzo(a,h)anthracene	16.60	278	53613	2.363	ng	#	76
92) Benzo(g,h,i)perylene	17.00	276	162001	7.082	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
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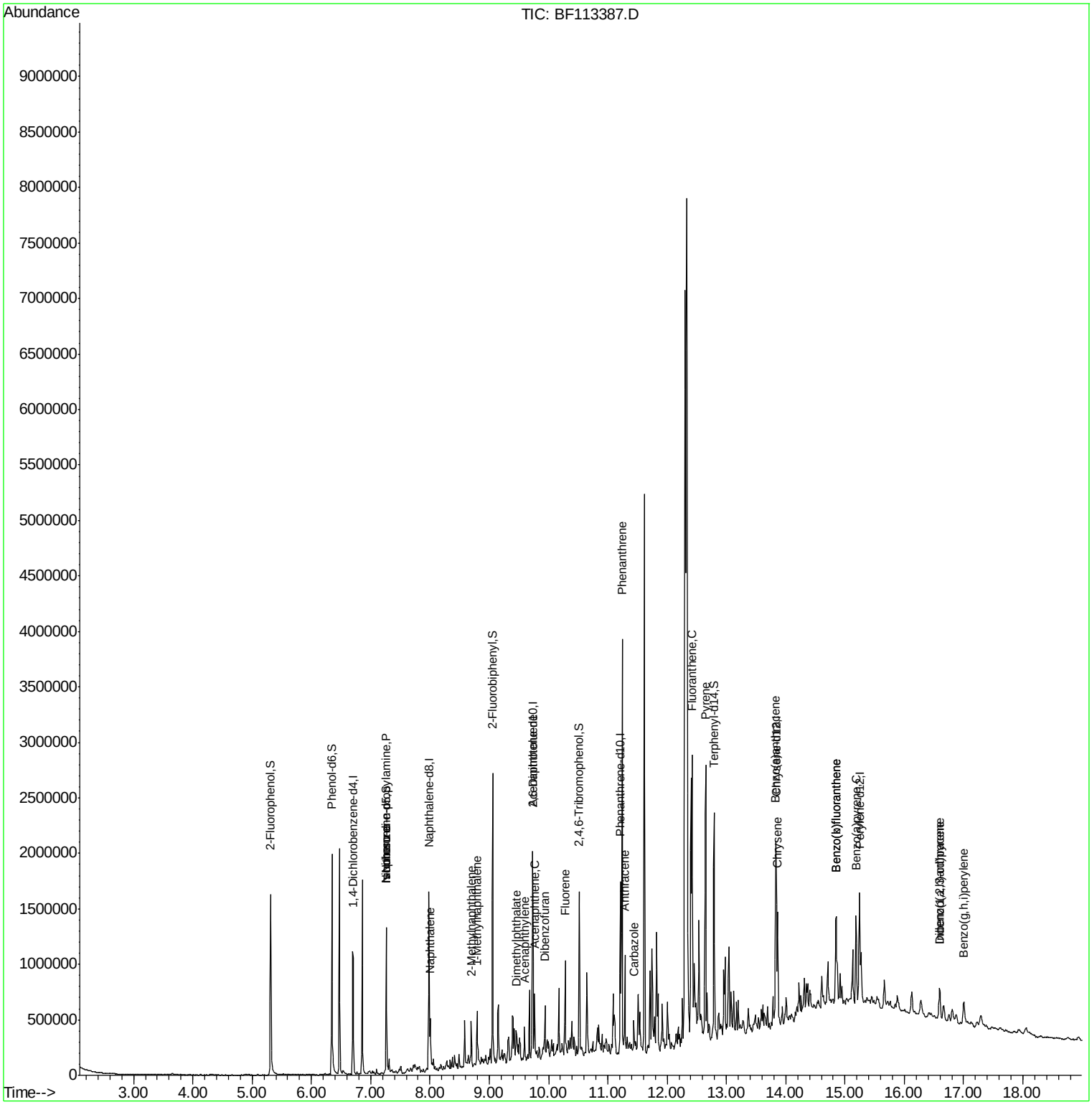
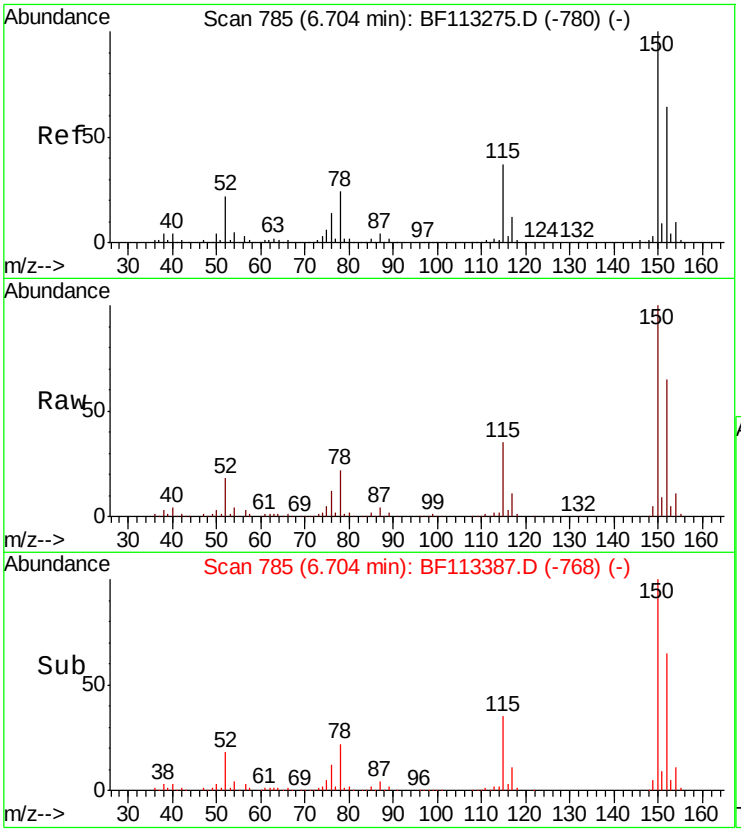
Acq On : 28 Mar 2019 21:30
Operator : JU/SJ
Sample : K1697-13 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Quant Time: Mar 29 02:13:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration



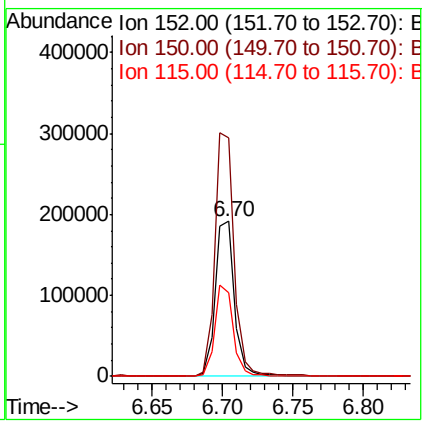


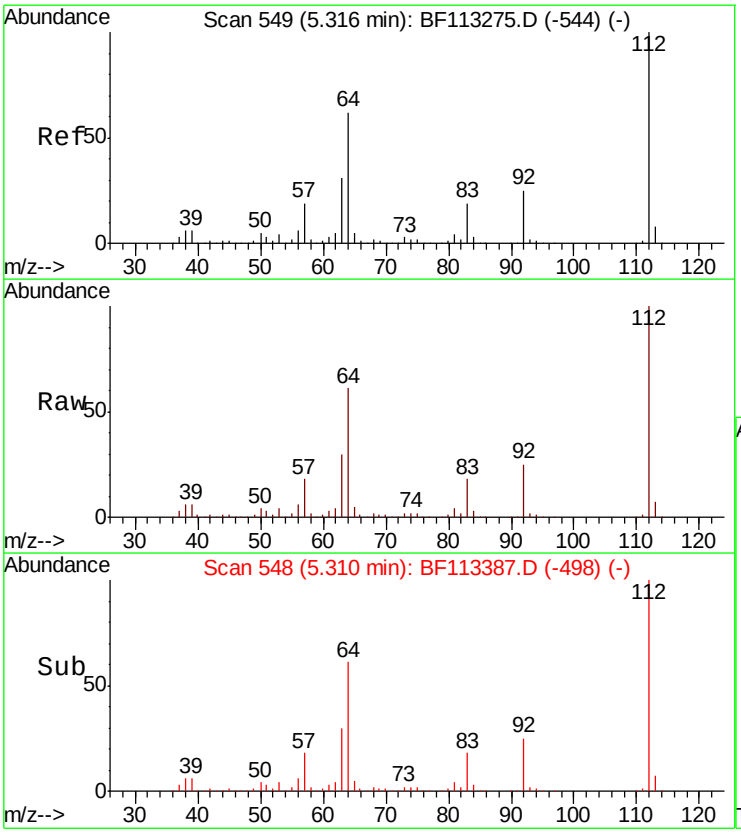
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:152 Resp: 181507

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	54.1	46.0	69.0

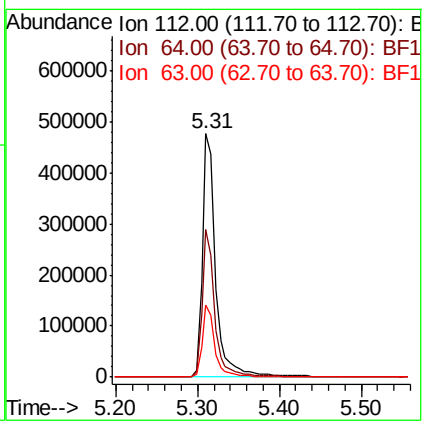


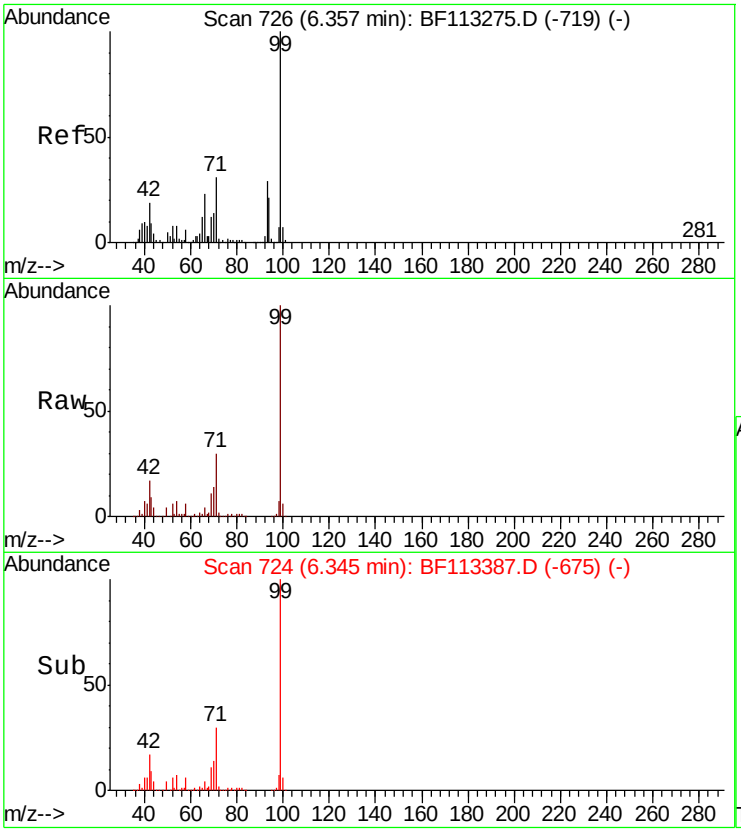


#5
2-Fluorophenol
Concen: 48.975 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:112 Resp: 543645

Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.2	73.8
63	29.8	24.9	37.3



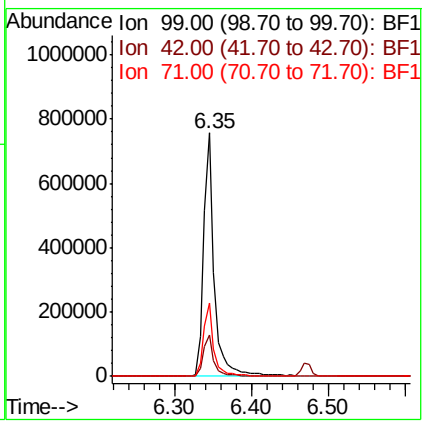


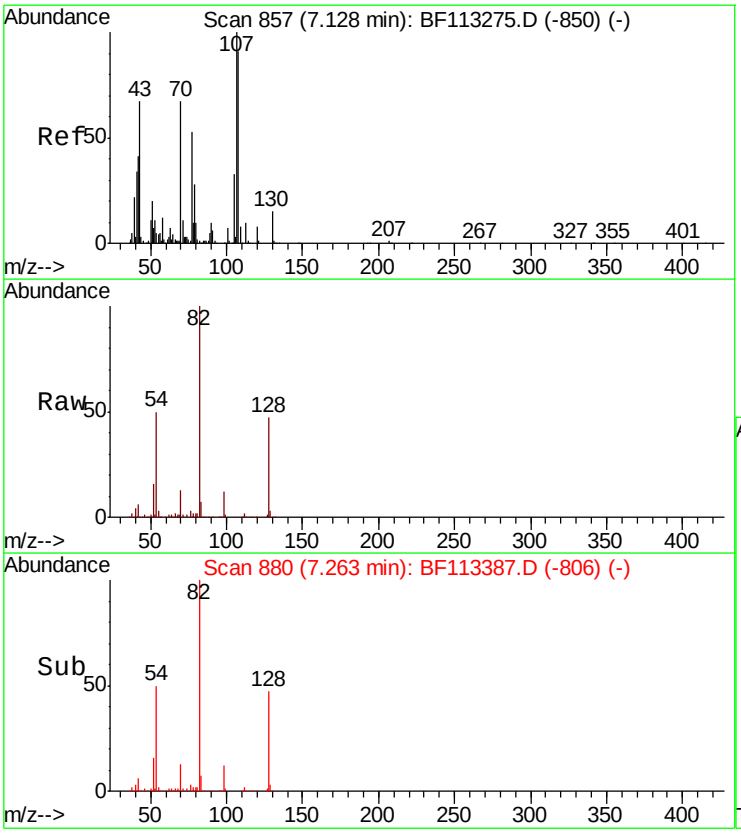
#7
Phenol-d6
Concen: 52.330 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion: 99 Resp: 734864

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.8	22.2
71	30.1	24.9	37.3

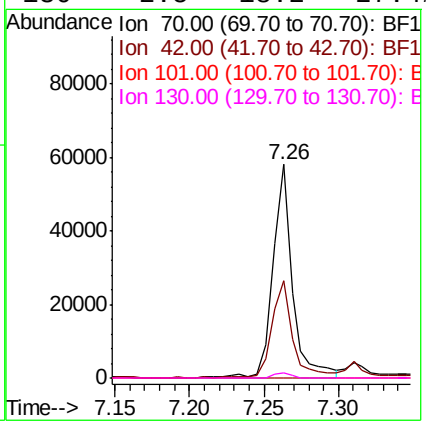


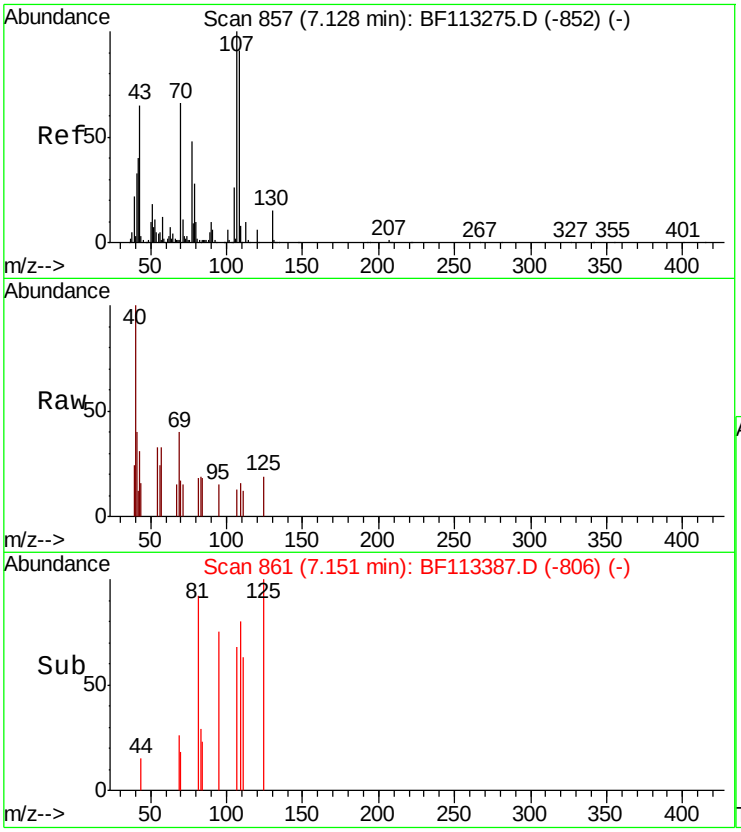


#19
n-Nitroso-di-n-propylamine
Concen: 5.980 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion: 70 Resp: 52750

Ion	Ratio	Lower	Upper
70	100		
42	45.5	48.4	72.6#
101	0.0	7.8	11.8#
130	2.5	18.2	27.4#



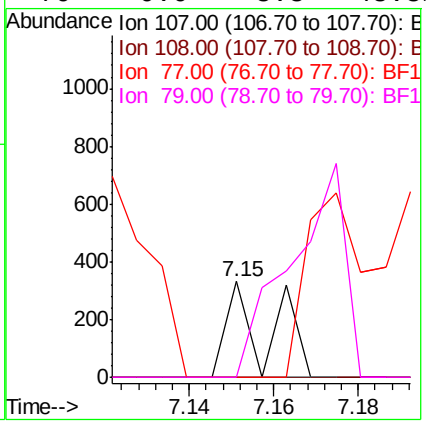


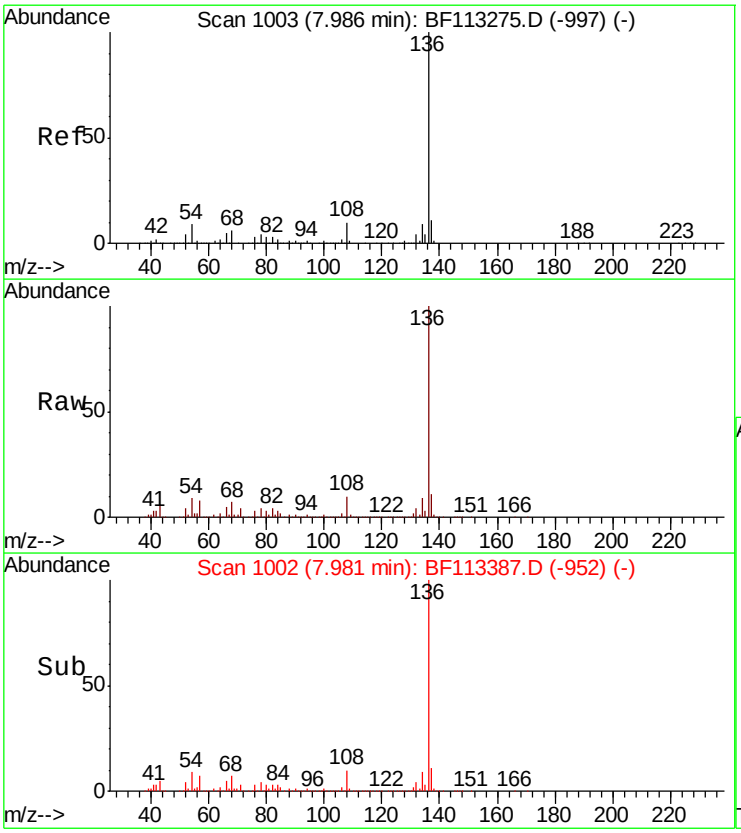
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:107 Resp: 230

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	0.0	33.5	73.5#
79	0.0	8.3	48.3#

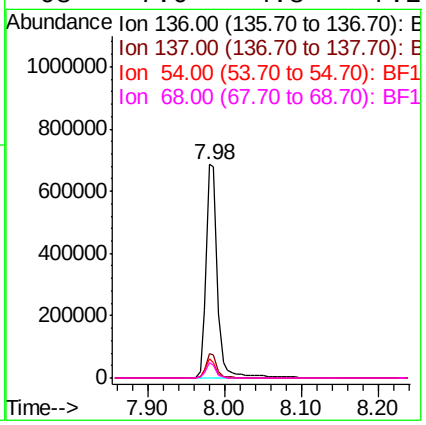


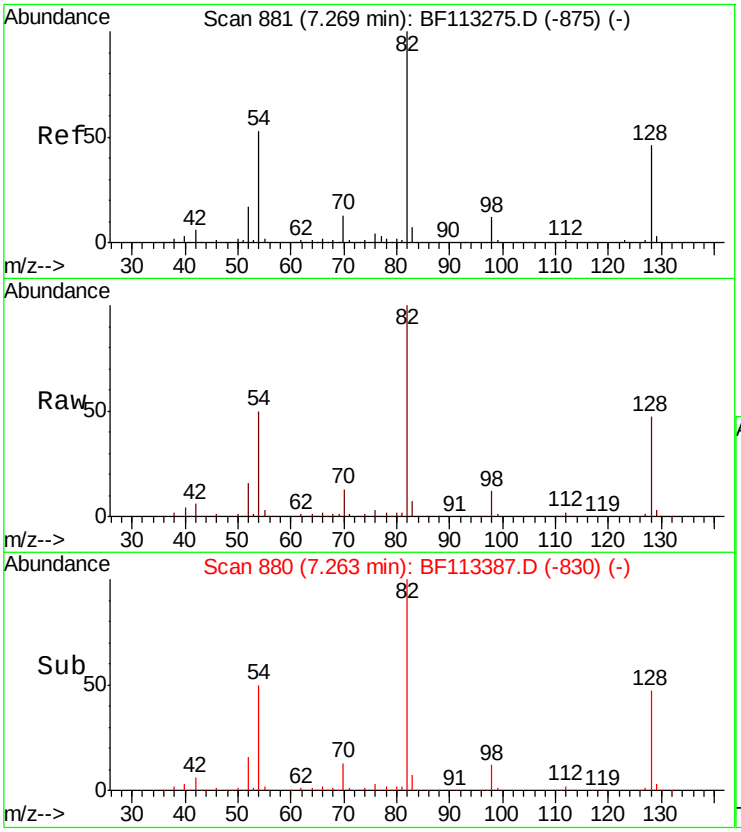


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:136 Resp: 706174

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	7.0	10.6
68	7.0	4.8	7.2



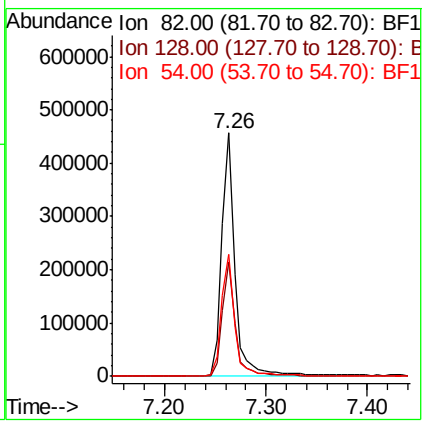


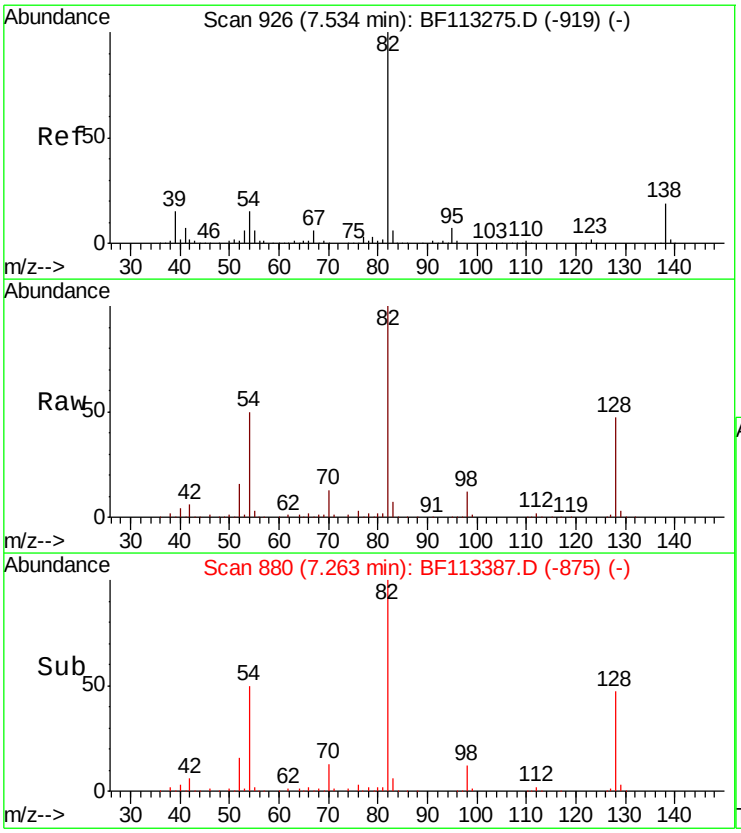
#23
Nitrobenzene-d5
Concen: 35.309 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion: 82 Resp: 420100

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.5	54.7
54	49.9	42.2	63.2

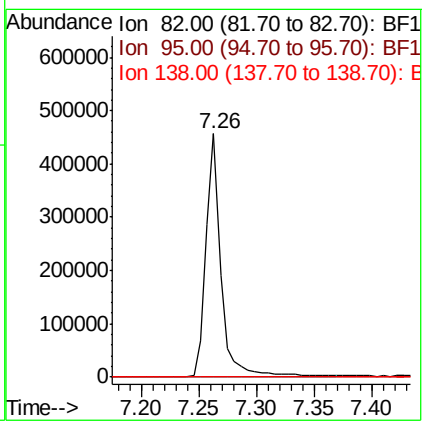


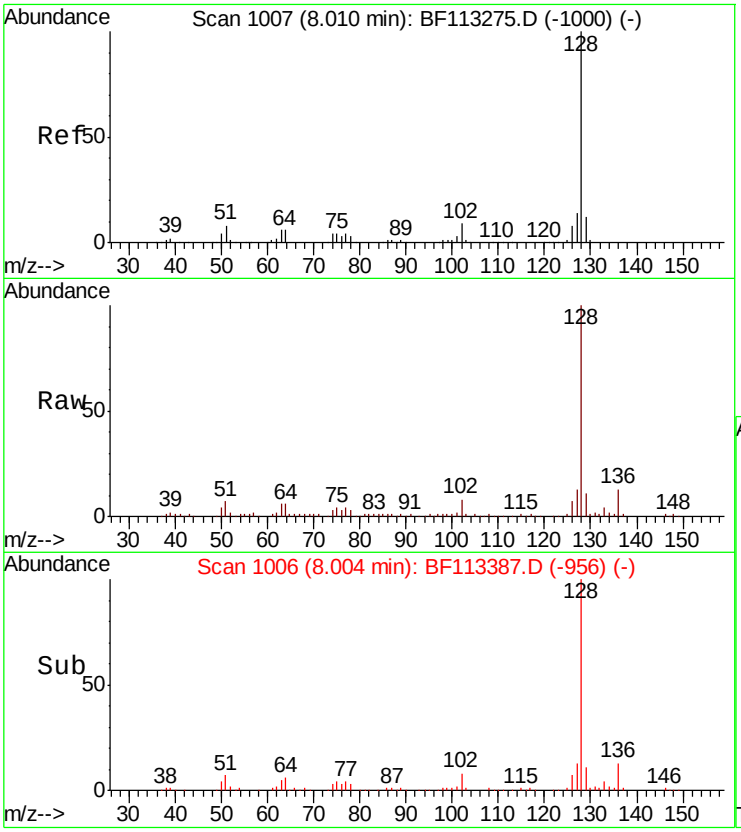


#25
Isophorone
Concen: 18.049 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion: 82 Resp: 416156

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.0	15.2	22.8#



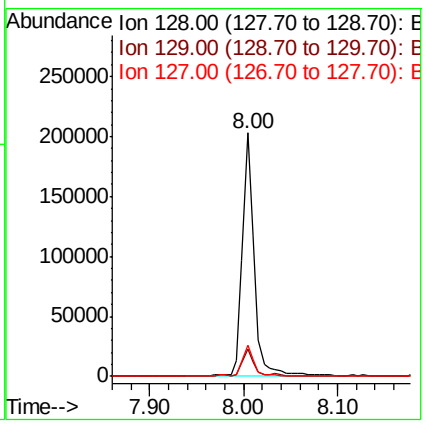


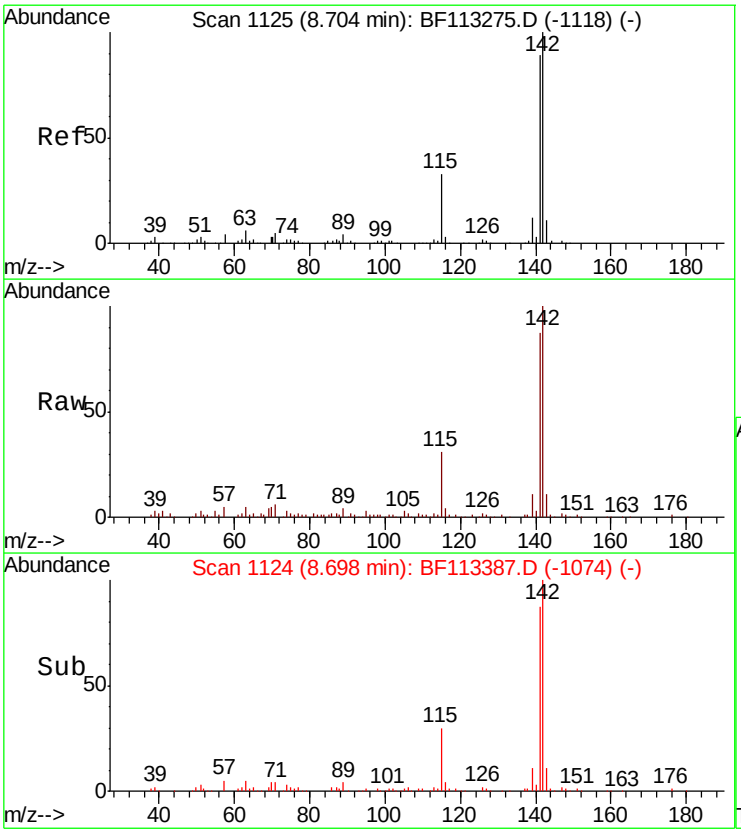
#31
Naphthalene
Concen: 5.251 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:128 Resp: 181207

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.8	10.9	16.3

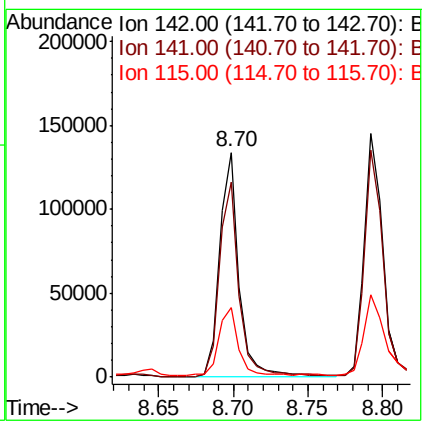


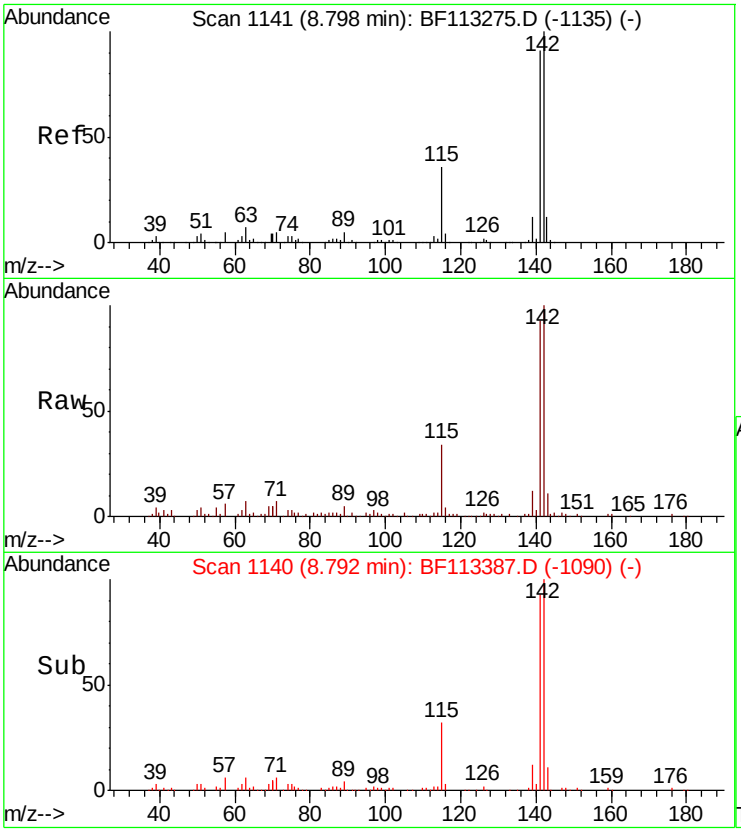


#37
2-Methylnaphthalene
Concen: 5.738 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:142 Resp: 123564

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.0	106.6
115	30.7	26.6	39.8



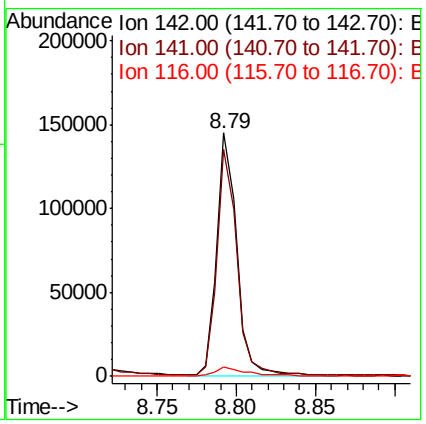


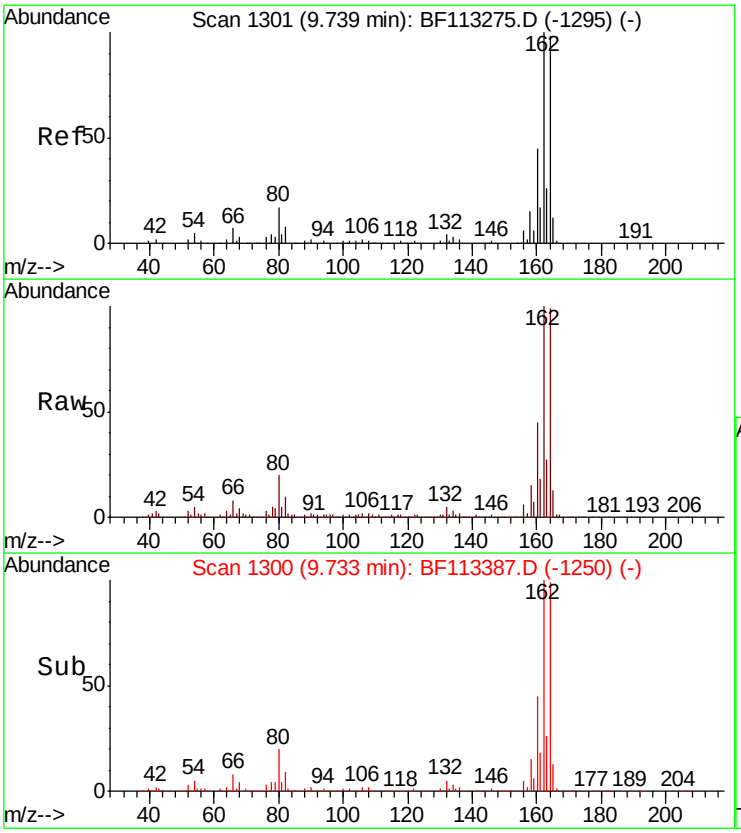
#38
1-Methylnaphthalene
Concen: 6.130 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:142 Resp: 126968

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.2	109.8
116	3.8	3.0	4.4

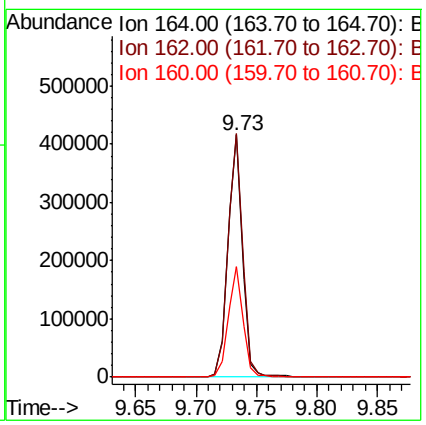


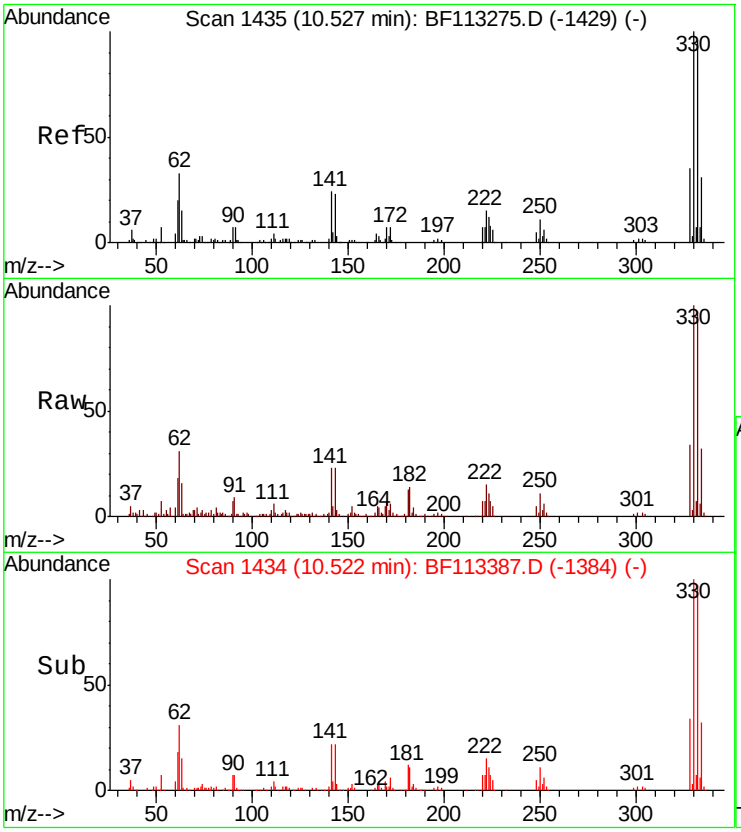


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:164 Resp: 348239

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.6
160	45.5	36.4	54.6



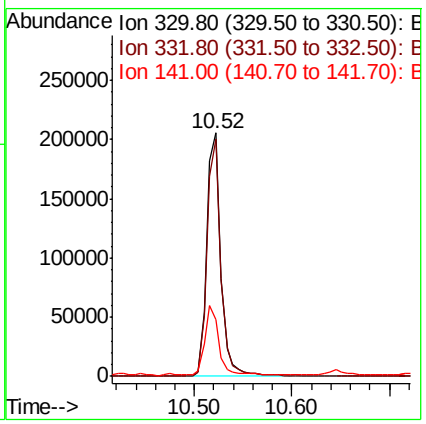


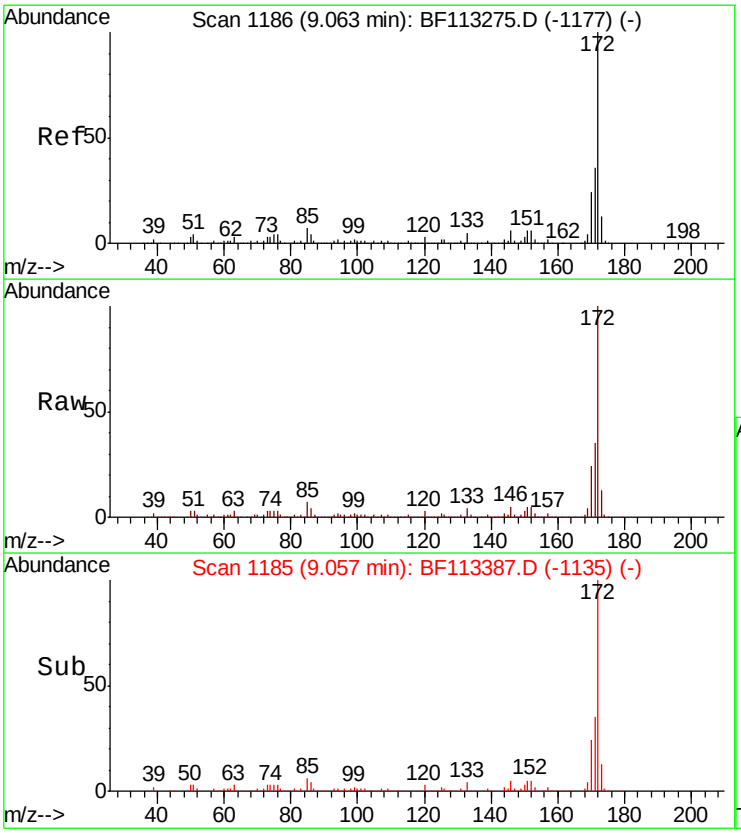
#42
2,4,6-Tribromophenol
Concen: 48.269 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:330 Resp: 207632

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.6
141	28.0	22.7	34.1

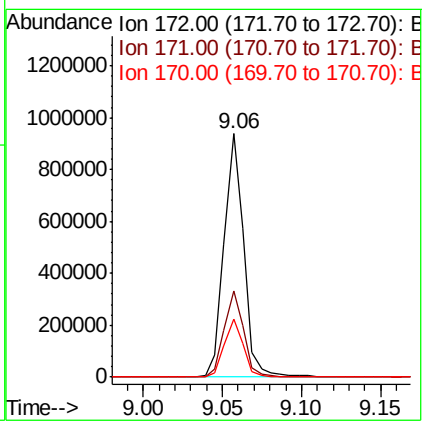


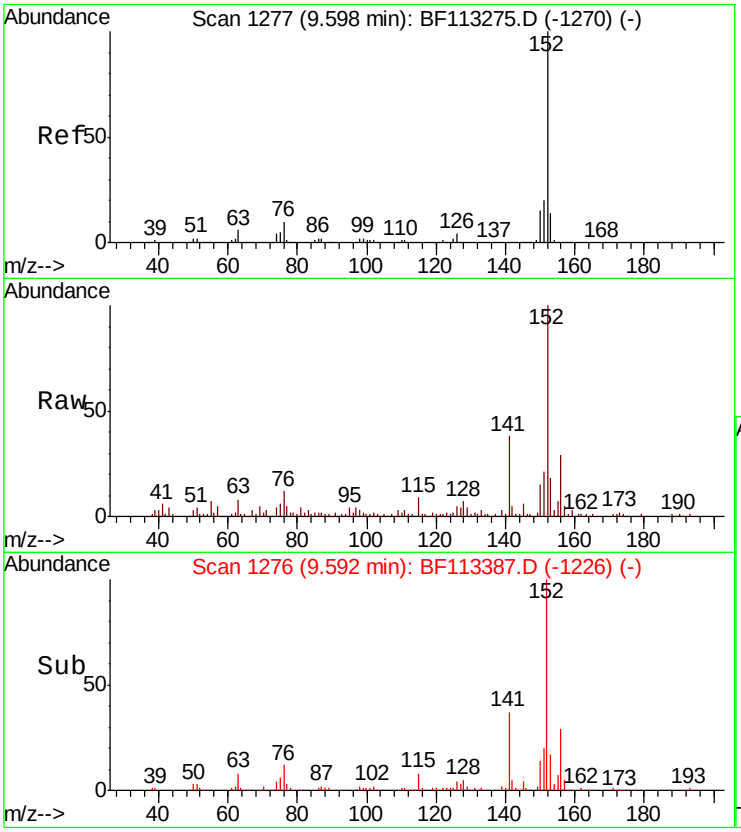


#45
2-Fluorobiphenyl
Concen: 23.608 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:172 Resp: 807552

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.9	19.5	29.3



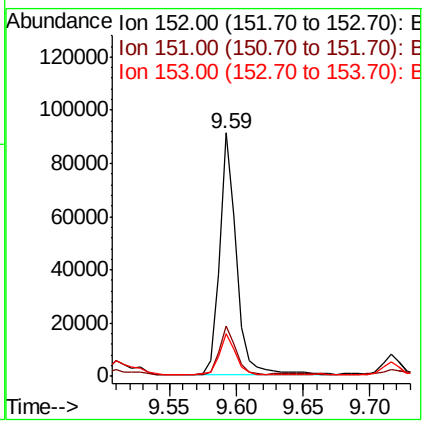


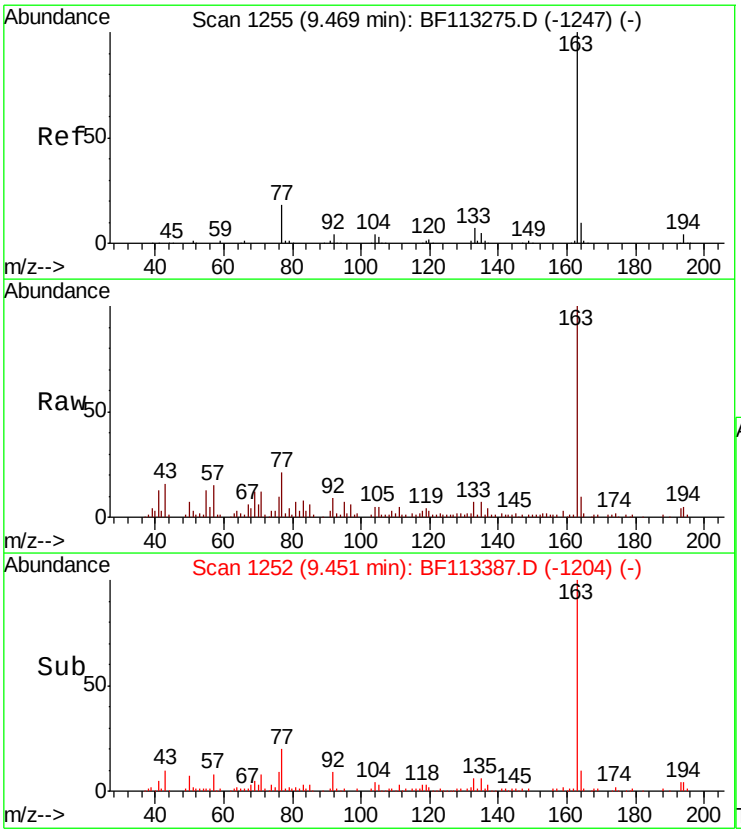
#49
Acenaphthylene
Concen: 2.261 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:152 Resp: 81874

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	17.5	11.0	16.6#

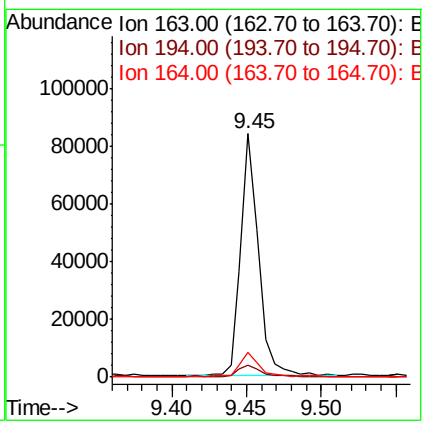


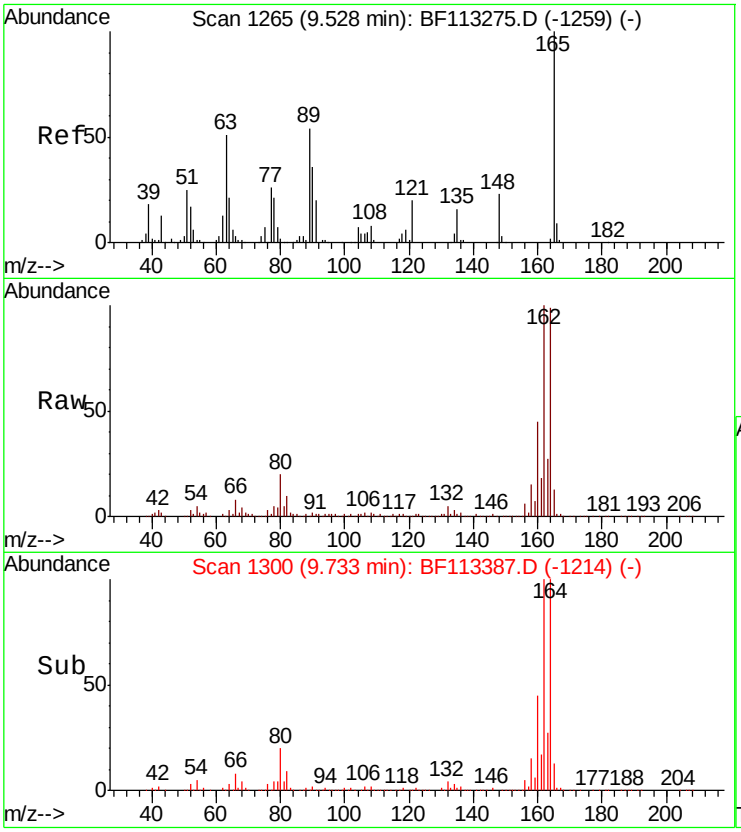


#50
Dimethylphthalate
Concen: 2.677 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:163 Resp: 69081

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.0	4.6#
164	10.2	8.1	12.1



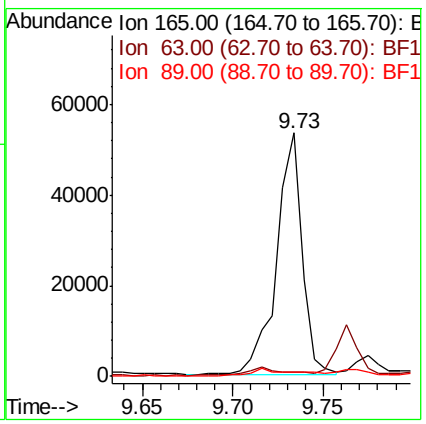


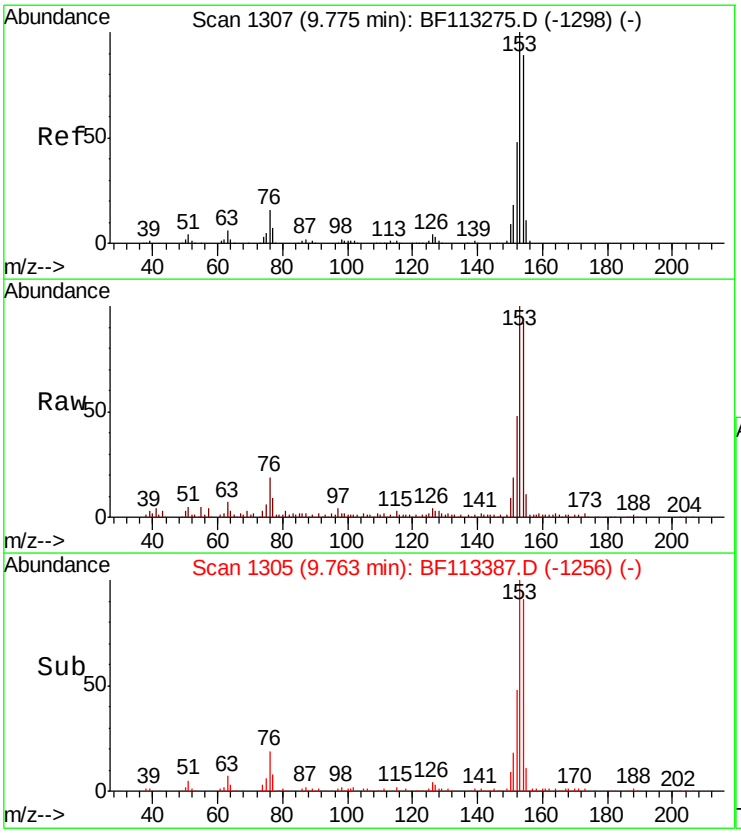
#51
2,6-Dinitrotoluene
Concen: 8.990 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:165 Resp: 52340

Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.0#
89	1.9	43.1	64.7#

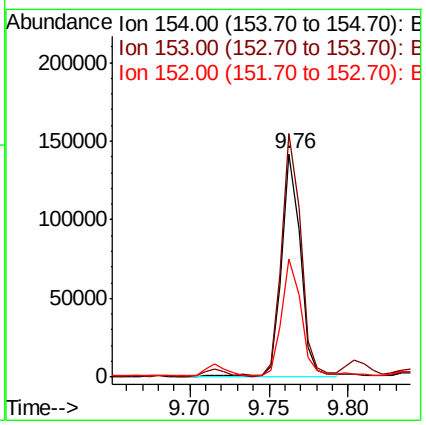


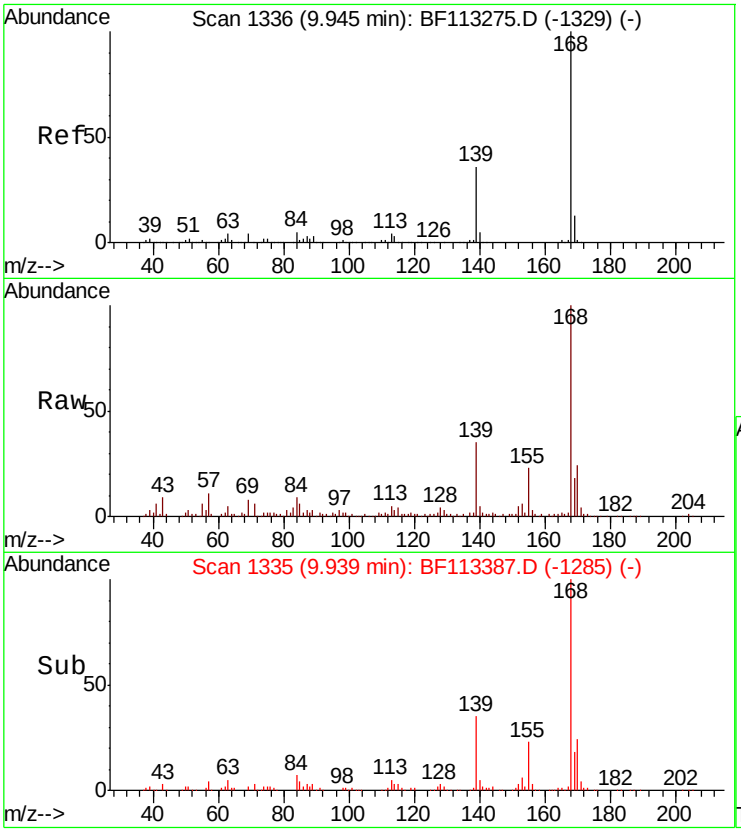


#52
Acenaphthene
Concen: 5.731 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:154 Resp: 116865

Ion	Ratio	Lower	Upper
154	100		
153	109.0	89.5	134.3
152	52.7	43.3	64.9



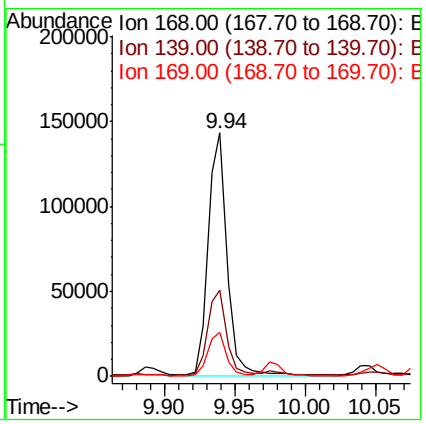


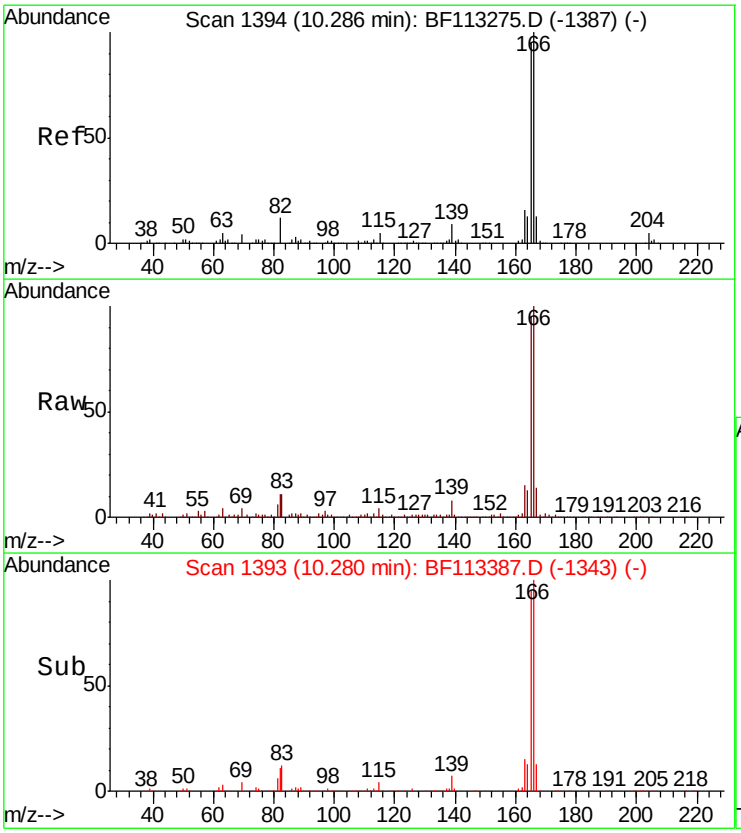
#55
Dibenzofuran
Concen: 4.299 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:168 Resp: 131779

Ion	Ratio	Lower	Upper
168	100		
139	35.4	29.7	44.5
169	17.9	10.7	16.1#

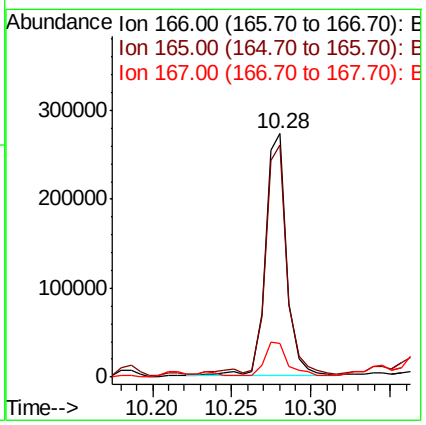


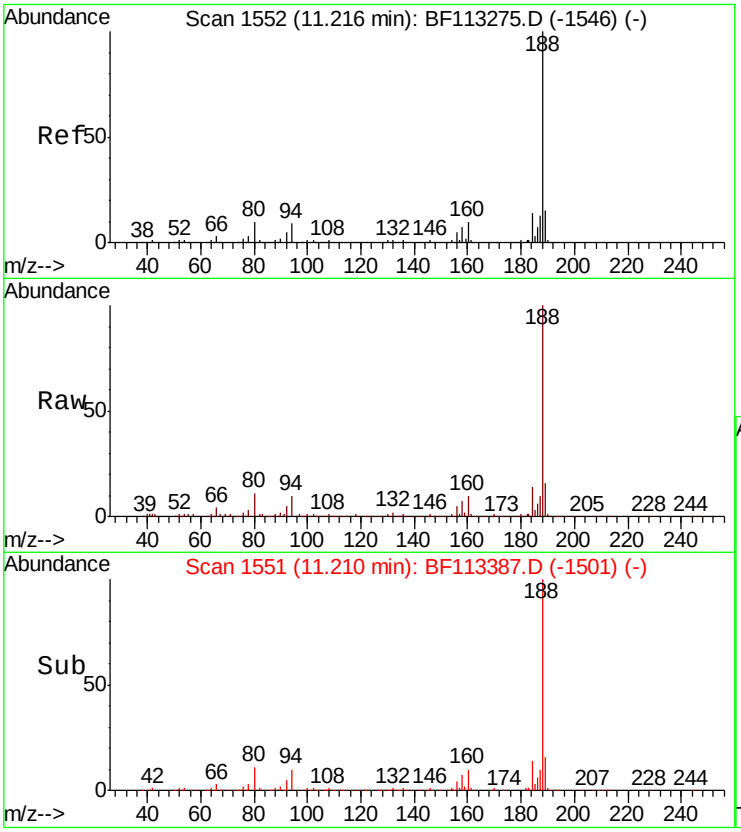


#58
Fluorene
Concen: 10.812 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:166 Resp: 257475

Ion	Ratio	Lower	Upper
166	100		
165	95.3	76.2	114.2
167	13.7	10.7	16.1



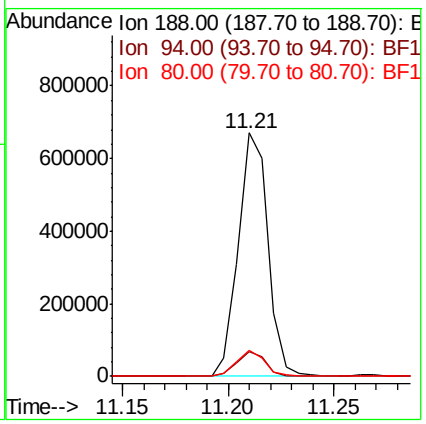


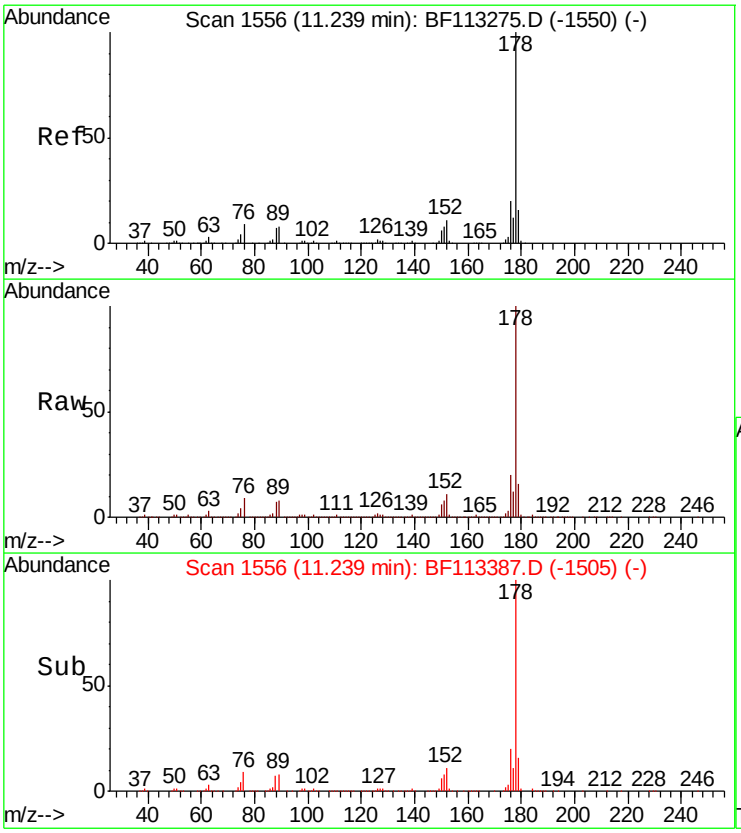
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:188 Resp: 653458

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.0	10.6
80	10.7	7.7	11.5

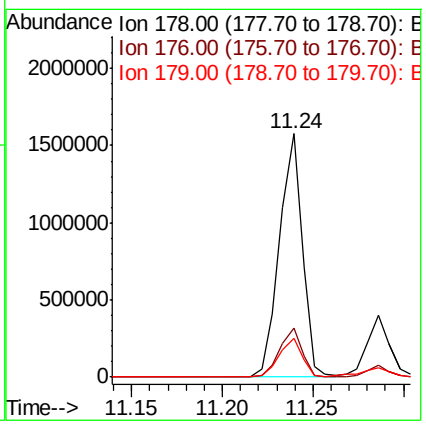


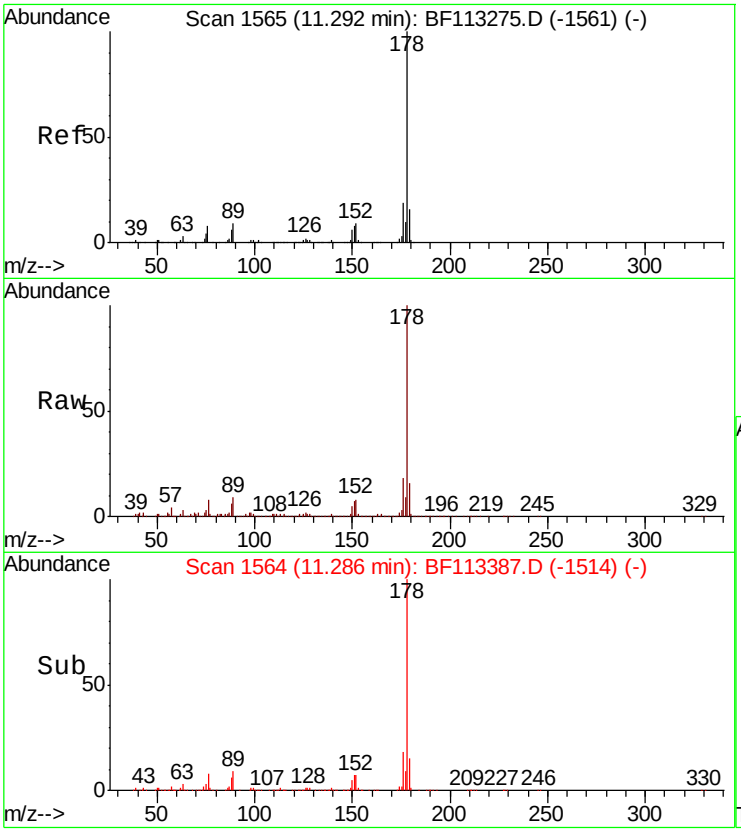


#71
Phenanthrene
Concen: 42.911 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:178 Resp: 1392509

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.2
179	16.0	12.7	19.1



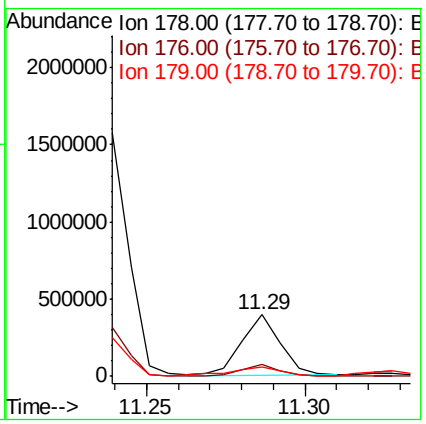


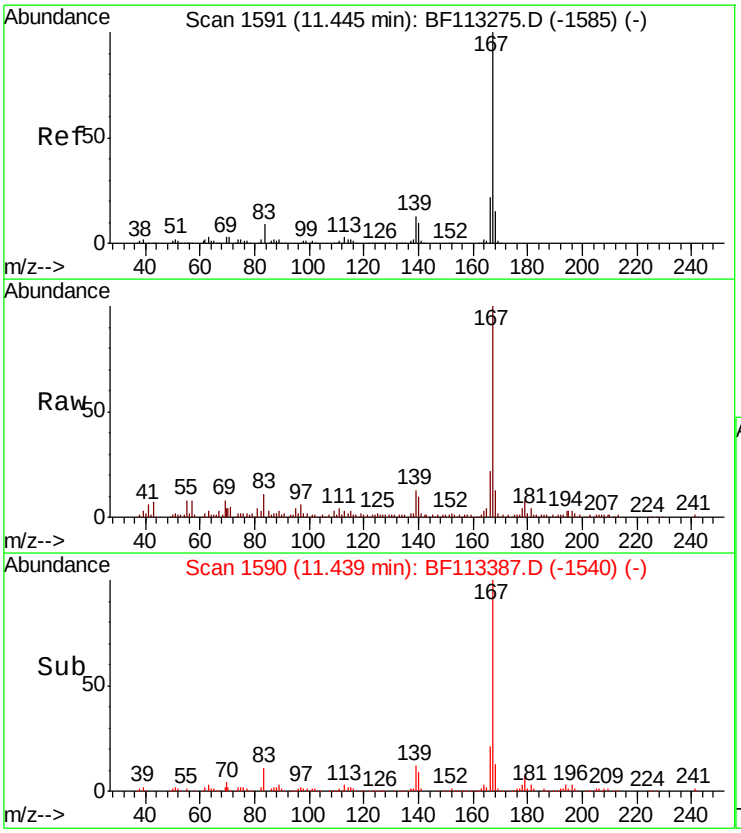
#72
Anthracene
Concen: 9.859 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:178 Resp: 324972

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.8	12.8	19.2

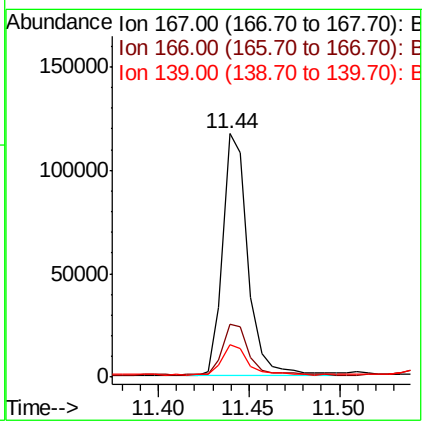


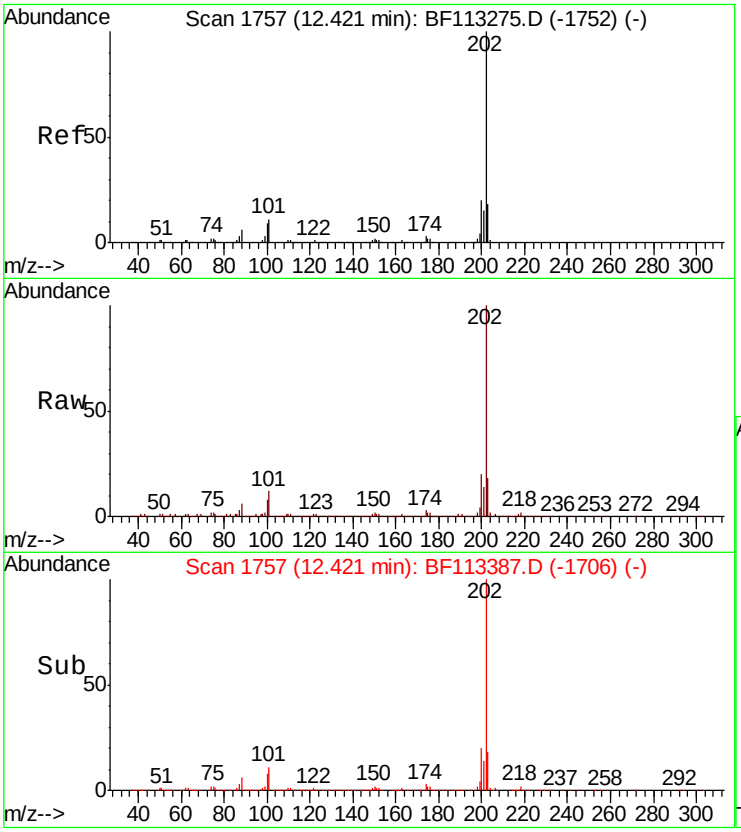


#73
Carbazole
Concen: 3.625 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:167 Resp: 114015

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.1	10.4	15.6



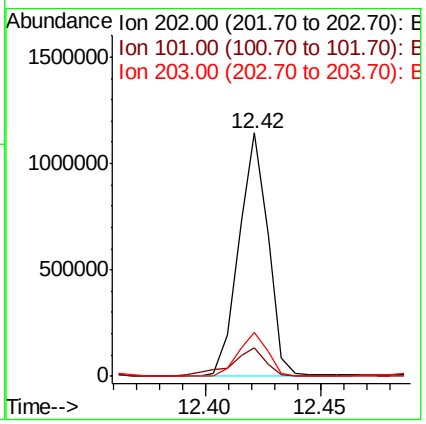


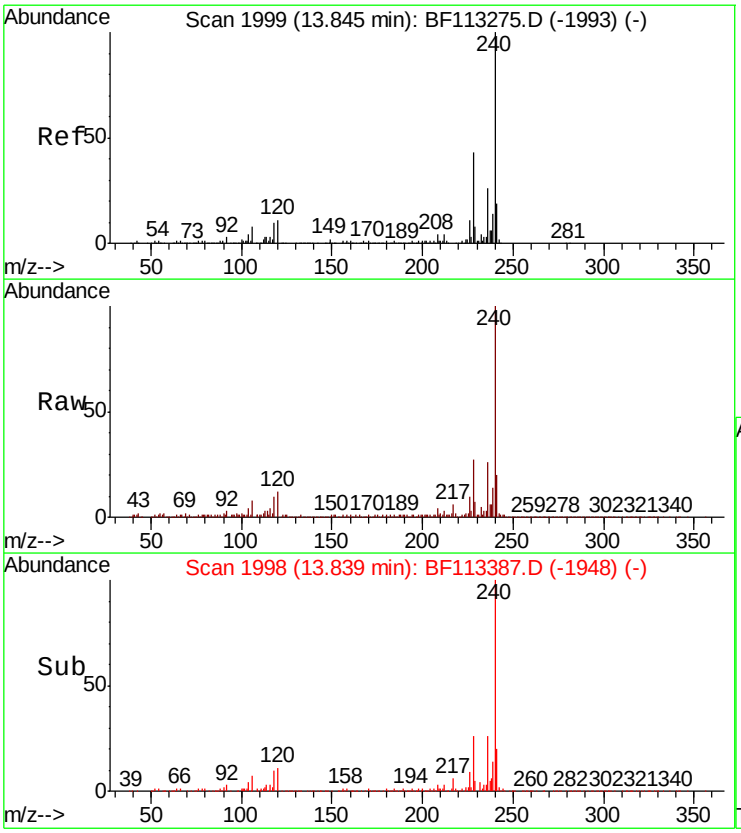
#75
Fluoranthene
Concen: 27.472 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:202 Resp: 1007828

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.9	0.0	38.0

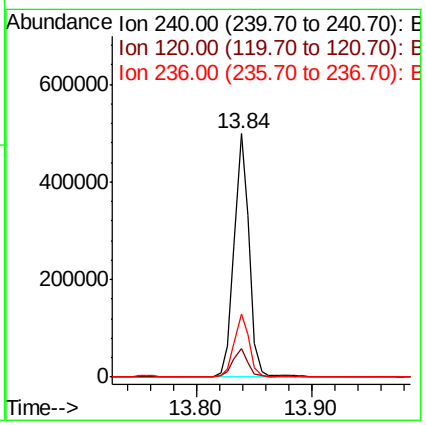


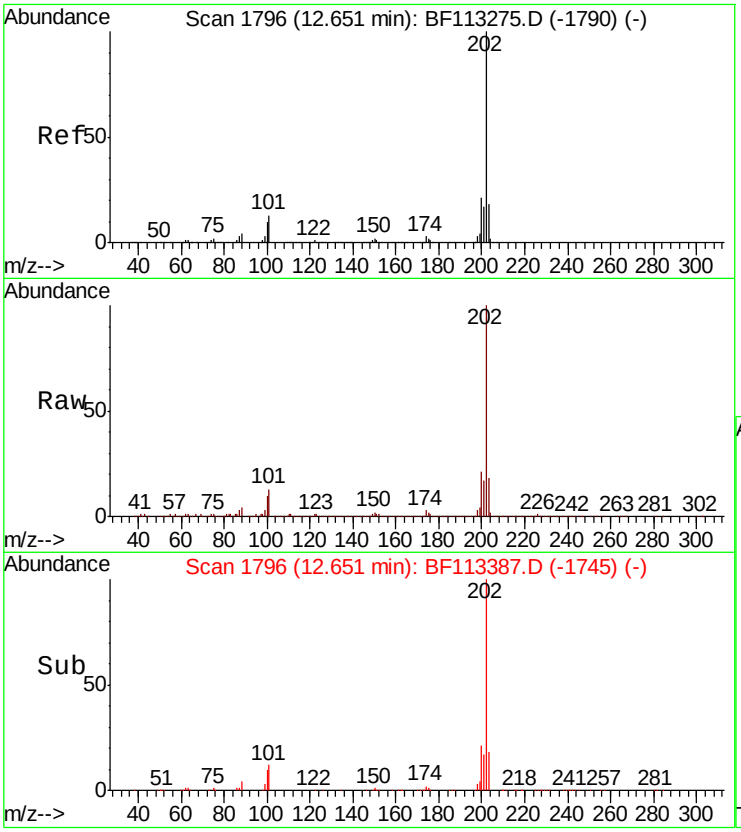


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:240 Resp: 444971

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.8	13.2
236	25.9	20.9	31.3



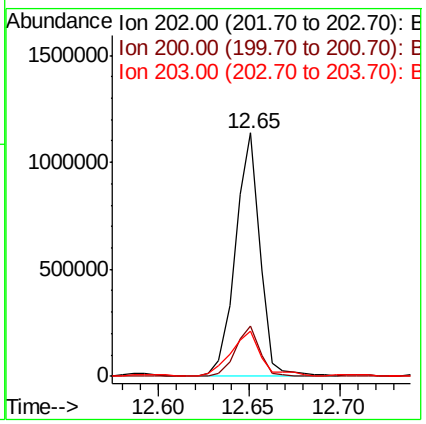


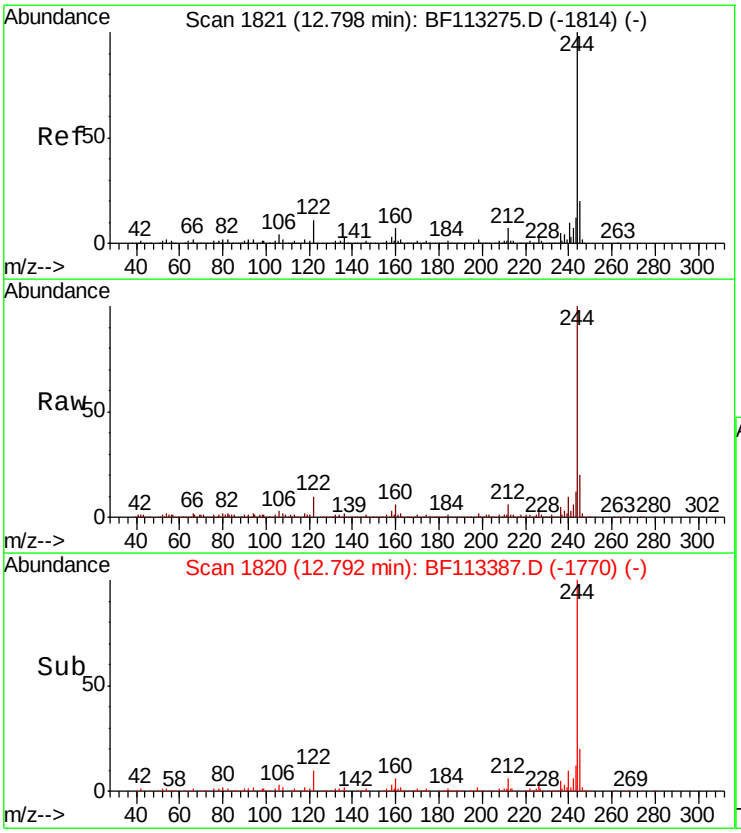
#78
Pyrene
Concen: 34.255 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:202 Resp: 1056268

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	18.3	14.4	21.6

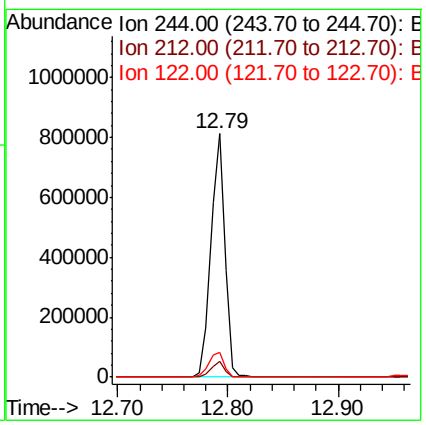


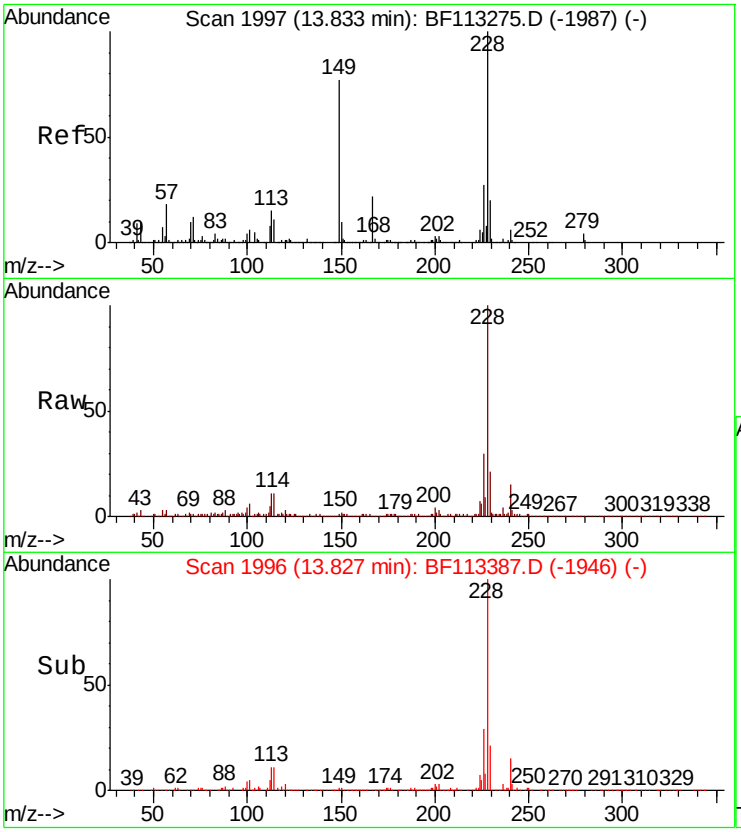


#79
Terphenyl-d14
Concen: 34.733 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:244 Resp: 701188

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	10.4	8.6	13.0



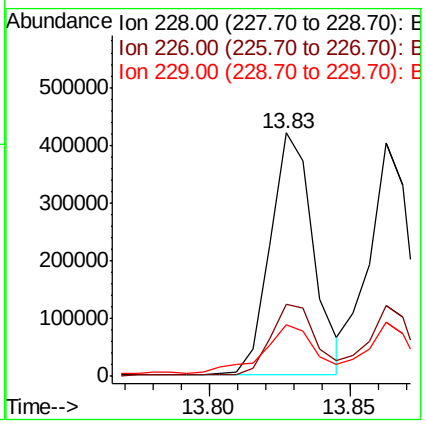


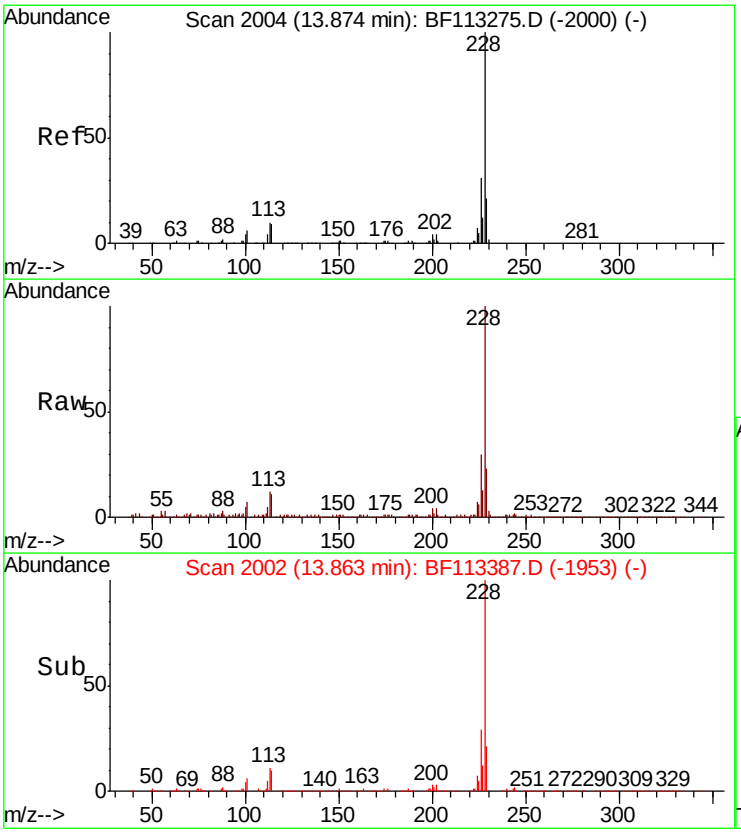
#81
Benzo(a)anthracene
Concen: 17.444 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:228 Resp: 444325

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.8	32.8
229	21.4	16.2	24.4

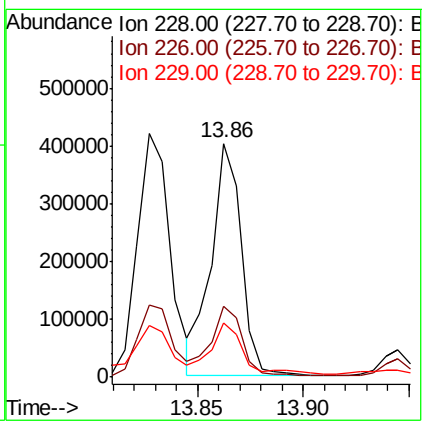


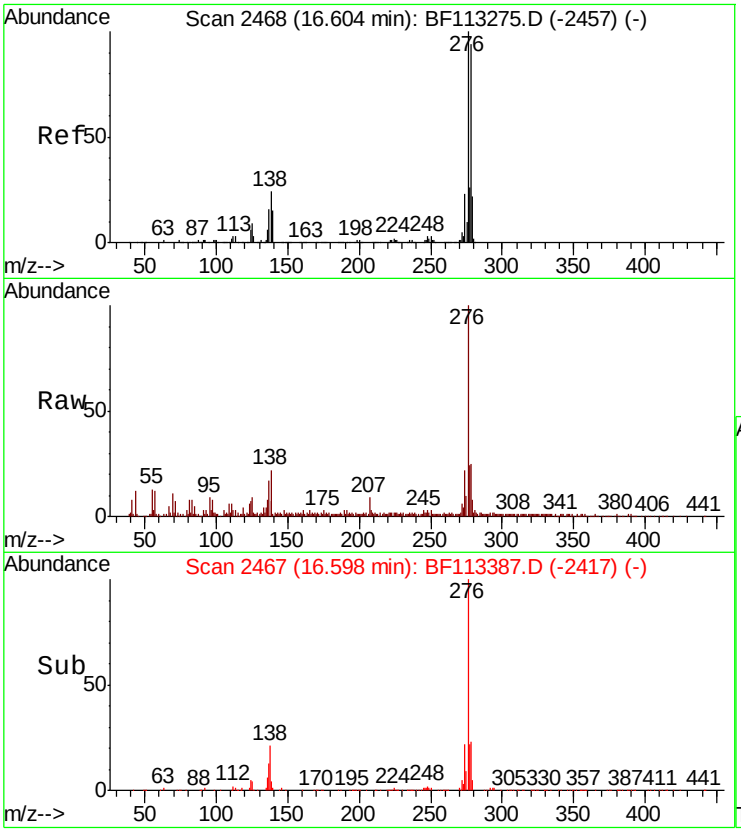


#83
Chrysene
Concen: 15.413 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:228 Resp: 398751

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	23.1	16.3	24.5



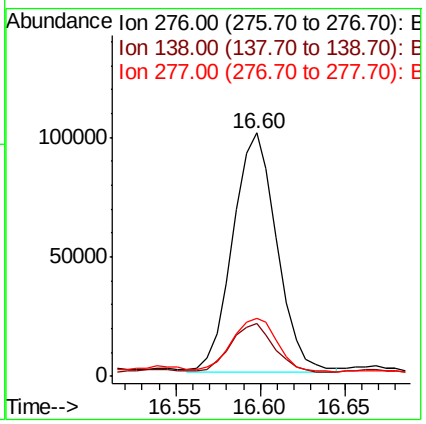


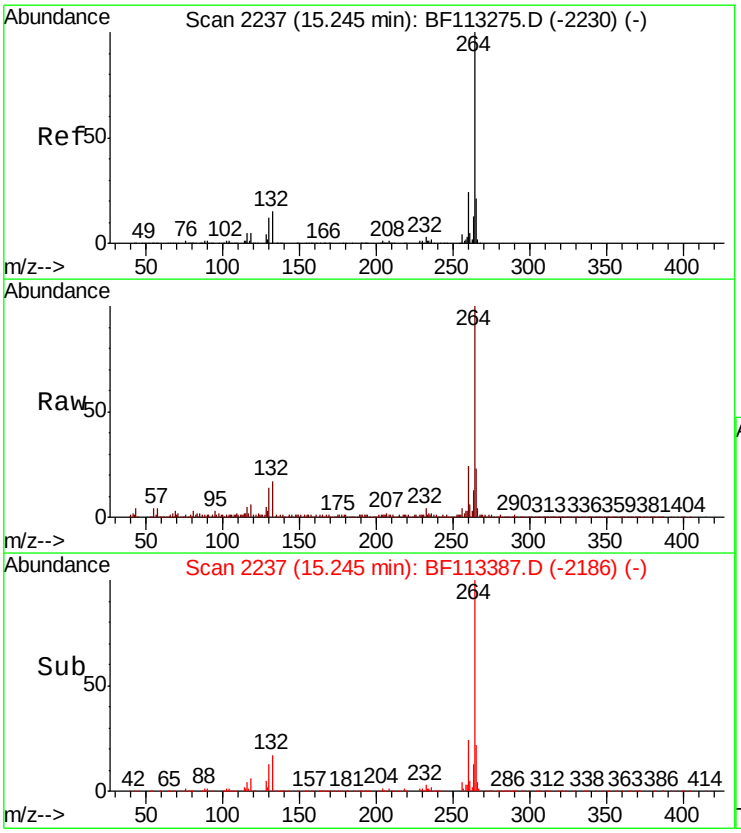
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.251 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:276 Resp: 183190

Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.1	27.1
277	22.9	20.2	30.4

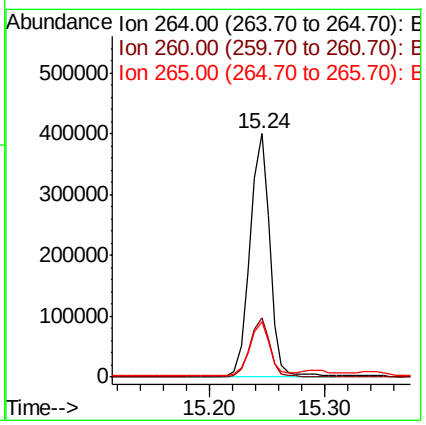


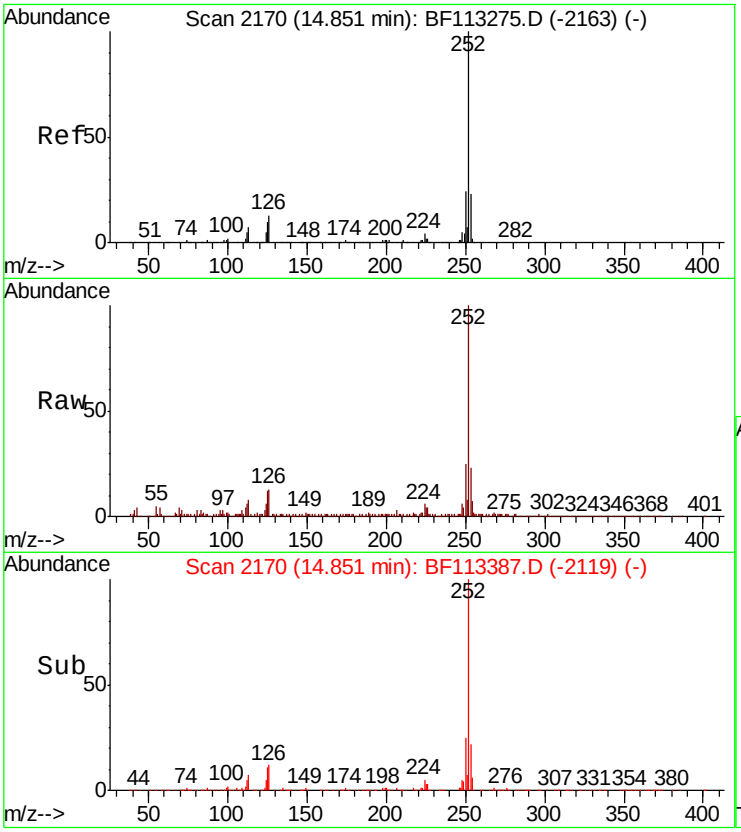


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:264 Resp: 476409

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	22.9	17.1	25.7



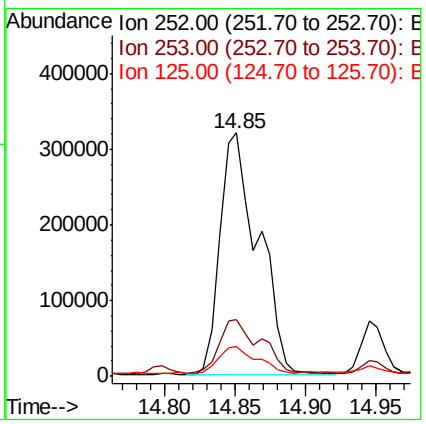


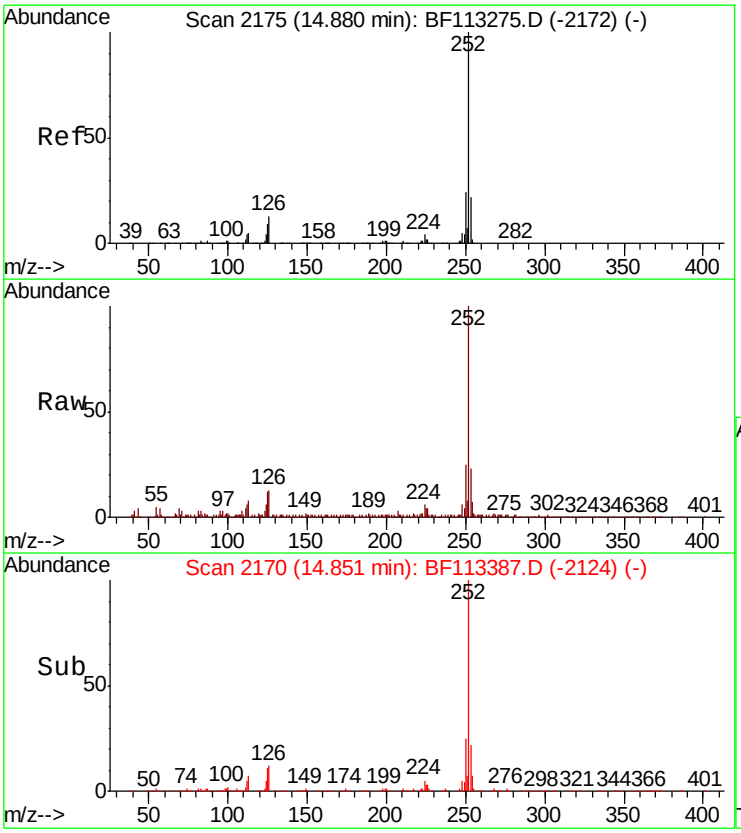
#88
Benzo(b)fluoranthene
Concen: 20.469 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:252 Resp: 605763

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.5	7.6	11.4#

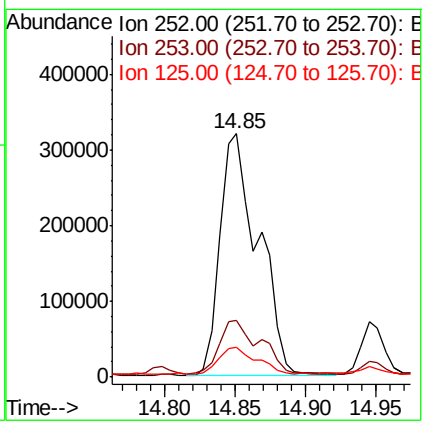


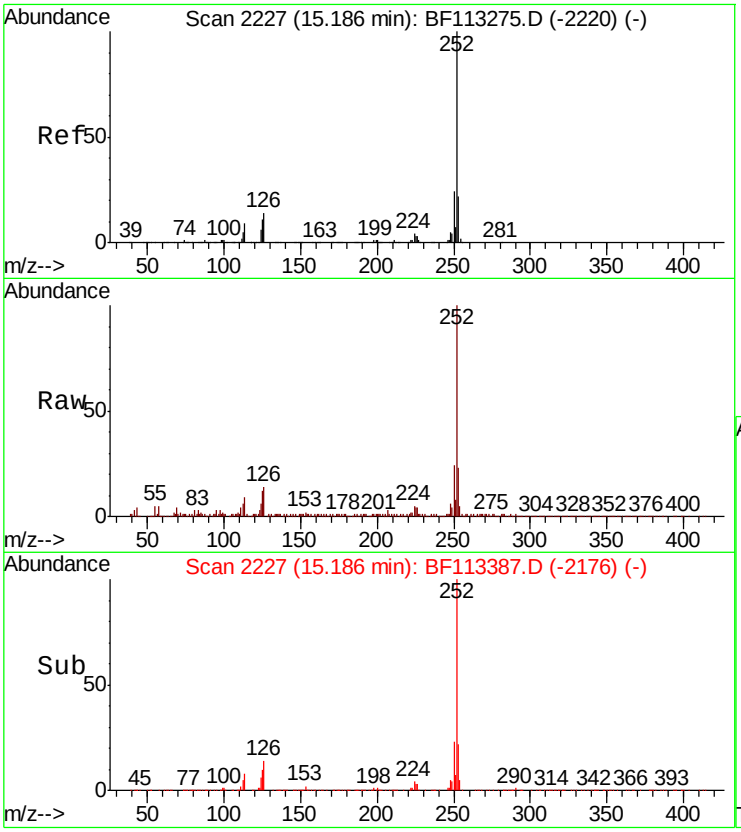


#89
Benzo(k)fluoranthene
Concen: 23.308 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:252 Resp: 605763

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	12.5	7.3	10.9#



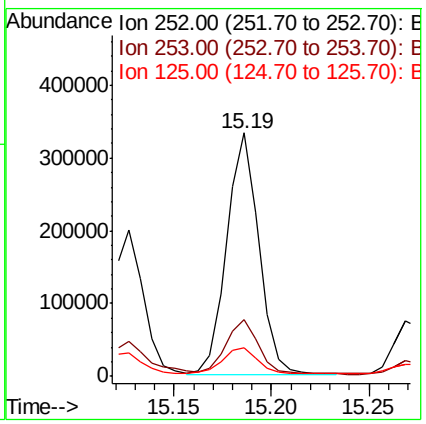


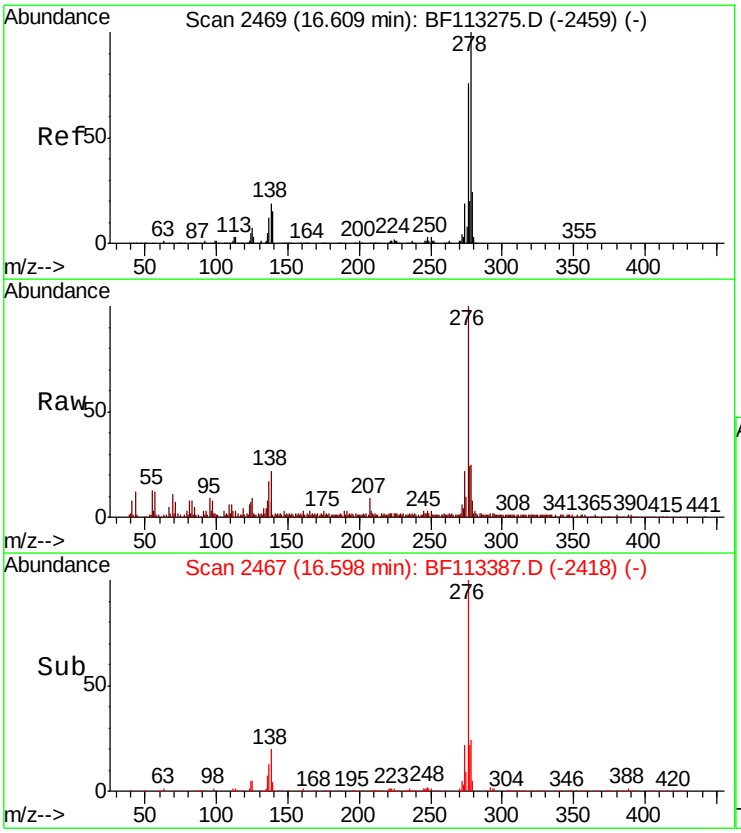
#90
Benzo(a)pyrene
Concen: 14.446 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:252 Resp: 379022

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	11.5	8.8	13.2

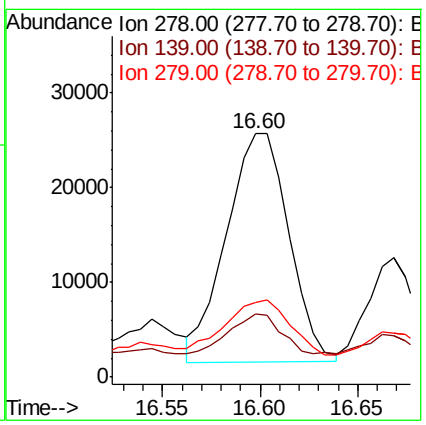


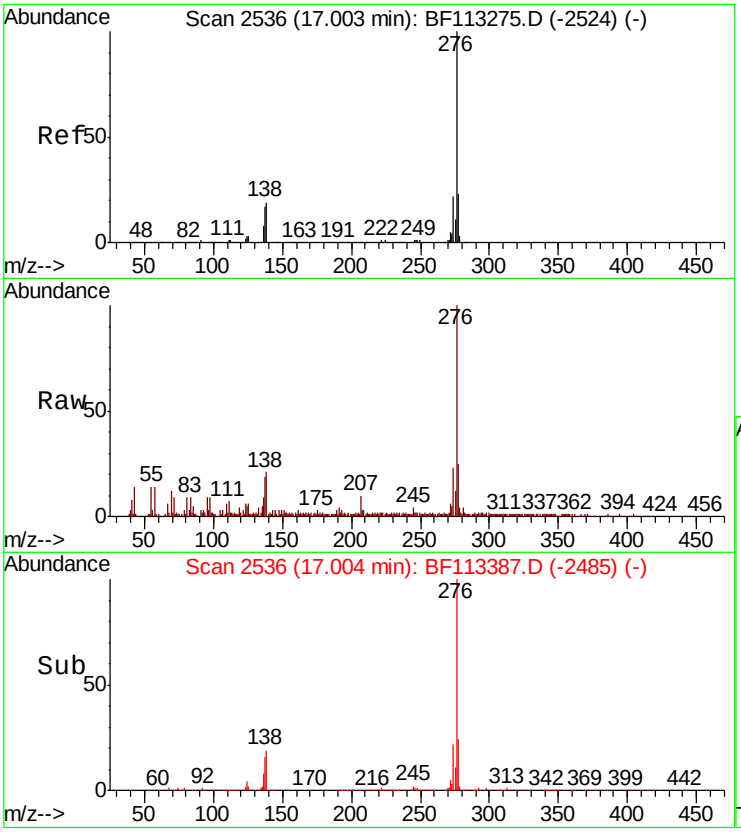


#91
Dibenzo(a,h)anthracene
Concen: 2.363 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Tgt Ion:278 Resp: 53613

Ion	Ratio	Lower	Upper
278	100		
139	31.6	12.0	18.0#
279	30.9	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 7.082 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF113387.D
Acq: 28 Mar 2019 21:30

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

Tgt Ion:276 Resp: 162001

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	20.9	15.6	23.4