Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Time: Apr 24 18:42:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 10:24:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	121261	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	476247	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	202212	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	303641	20.00	ng		0.00
76) Chrysene-d12	13.83	240	220493	20.00	ng		0.00
87) Perylene-d12	15.23	264	209813	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	606060	86.37	ng		0.00
7) Phenol-d6	6.32	99	752652	83.25	ng		0.00
23) Nitrobenzene-d5	7.23	82	497672	54.06	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	142333	57.49	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	904407	63.50	ng		0.00
79) Terphenyl-d14	12.78	244	753753	57.52	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	3044	Below Cal		#	6
19) n-Nitroso-di-n-propylamine	7.23	70	66372	11.416	ng	#	74
25) Isophorone	7.23	82	493503	27.809	ng	#	65
31) Naphthalene	7.97	128	462835	18.471	ng		97
33) 4-Chloroaniline	7.97	127	60159	5.515	ng	#	31
37) 2-Methylnaphthalene	8.66	142	81081	4.773	ng		98
38) 1-Methylnaphthalene	8.76	142	49751	3.107	ng		97
50) Dimethylphthalate	9.43	163	117456	7.510	ng		99
52) Acenaphthene	9.74	154	76898	5.765	ng		92
55) Dibenzofuran	9.91	168	66661	3.642	ng		97
58) Fluorene	10.25	166	53451	3.651	ng	#	92
71) Phenanthrene	11.22	178	201017	12.439	ng	#	93
72) Anthracene	11.27	178	68383	4.142	ng	#	89
75) Fluoranthene	12.41	202	530766	30.440	ng		97
78) Pyrene	12.63	202	549380	29.556	ng		99
81) Benzo(a)anthracene	13.82	228	274372	18.915	ng		97
83) Chrysene	13.85	228	250265	16.980	ng		97
86) Indeno(1,2,3-cd)pyrene	16.57	276	116955	9.002	ng		95
88) Benzo(b)fluoranthene	14.83	252	383846	25.431	ng		98
89) Benzo(k)fluoranthene	14.83	252	383846	29.475	ng		100
90) Benzo(a)pyrene	15.17	252	223564	17.617	ng		98
91) Dibenzo(a,h)anthracene	16.58	278	29702	2.642	ng	#	82
92) Benzo(g,h,i)perylene	16.98	276	107225	9.663	ng		93

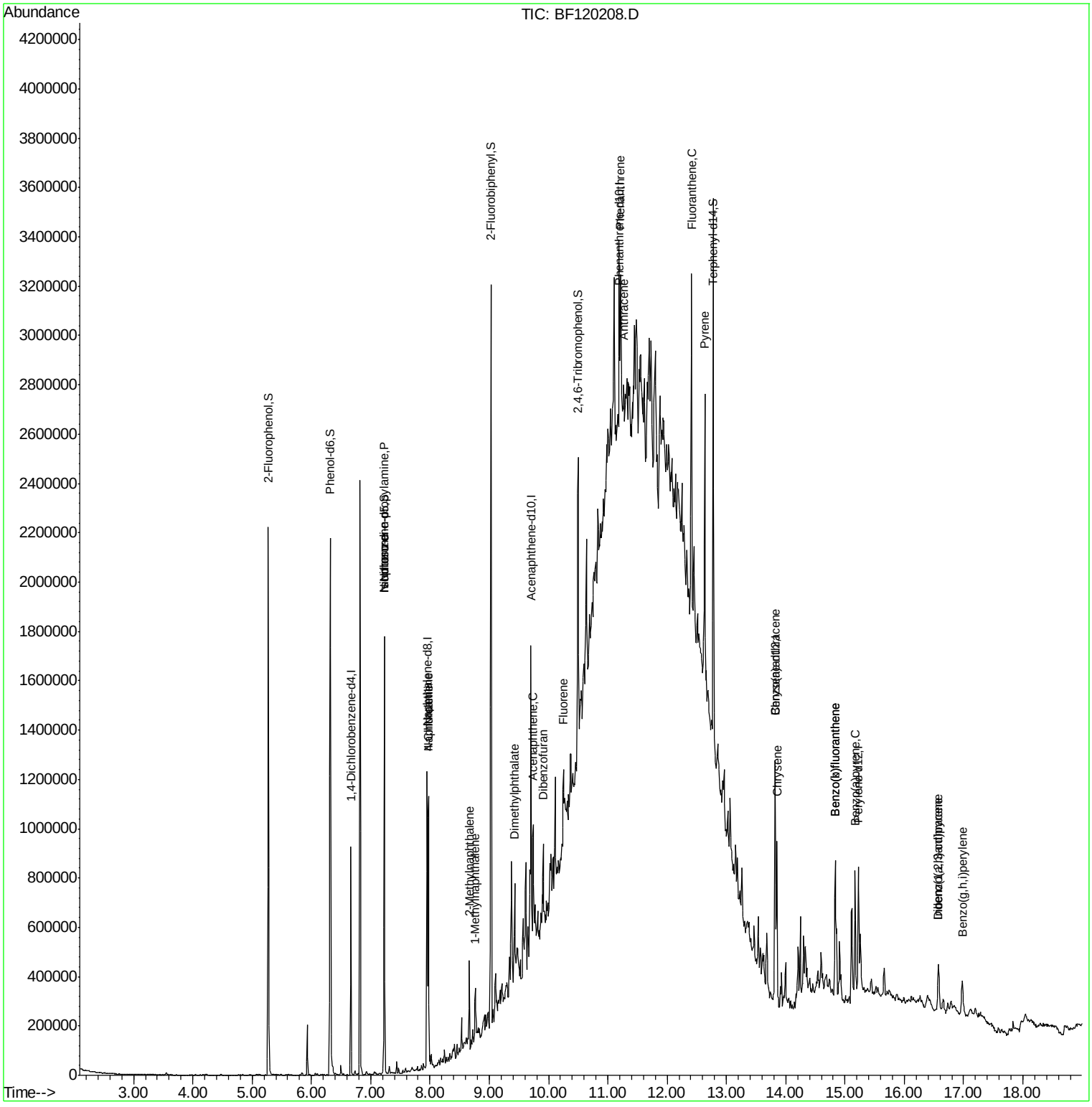
(#) = qualifier out of range (m) = manual integration (+) = signals summed

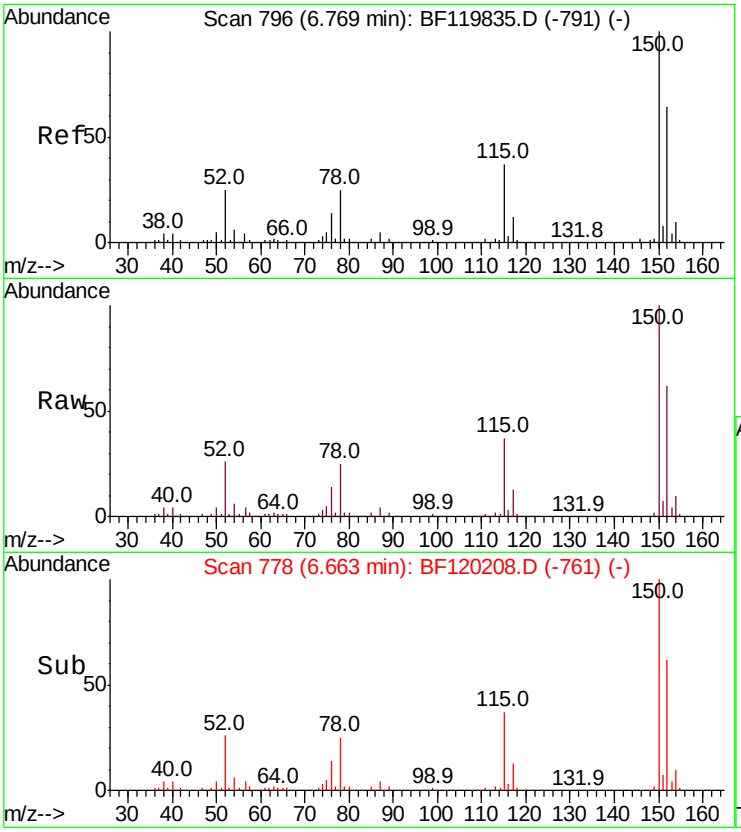
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Quant Time: Apr 24 18:42:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 10:24:30 2020
Response via : Initial Calibration



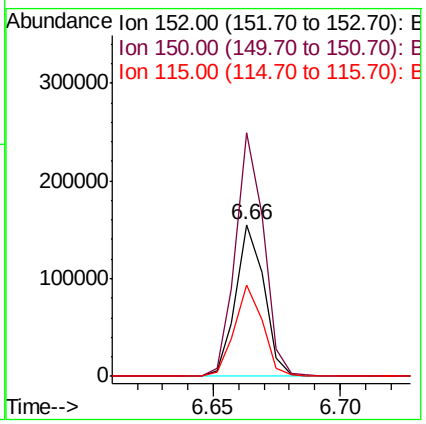


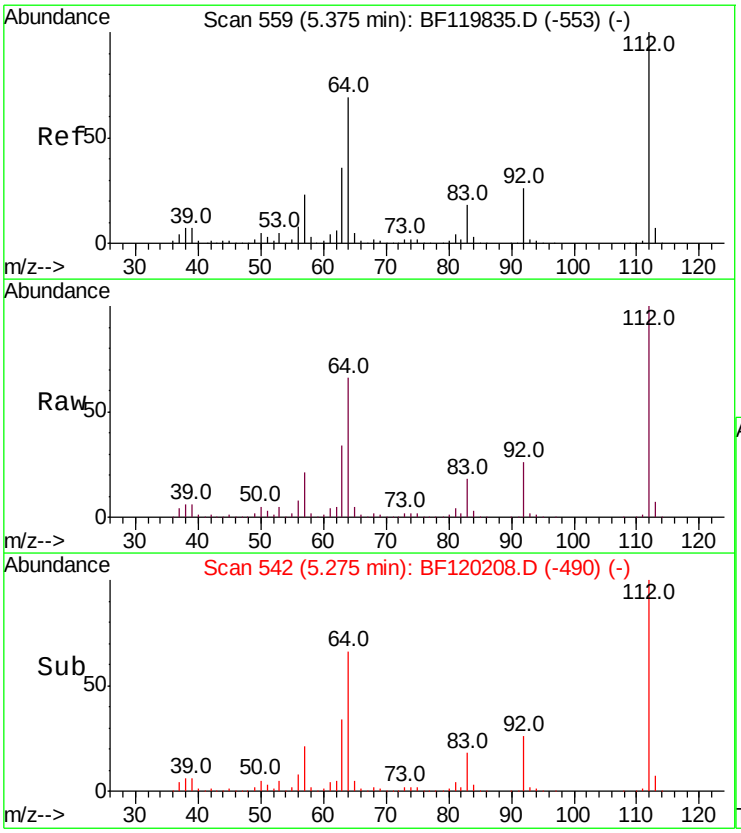
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:152 Resp: 121261

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.5	186.7
115	60.1	49.6	74.4

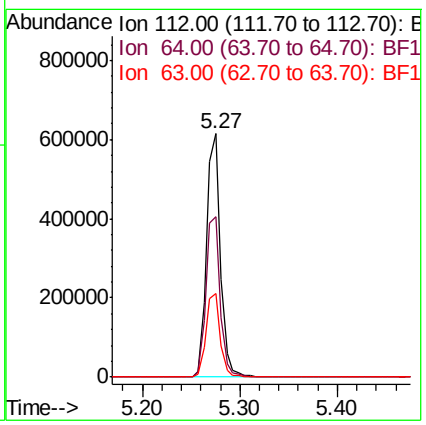


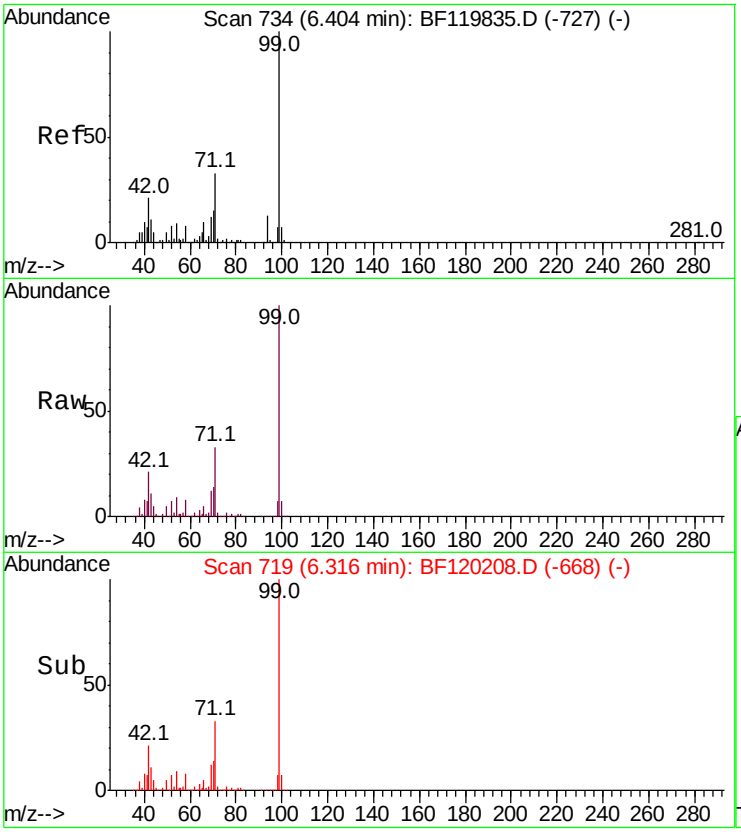


#5
2-Fluorophenol
Concen: 86.374 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:112 Resp: 606060

Ion	Ratio	Lower	Upper
112	100		
64	65.9	56.7	85.1
63	34.1	29.5	44.3



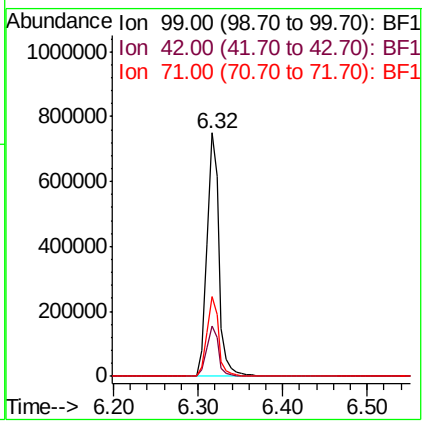


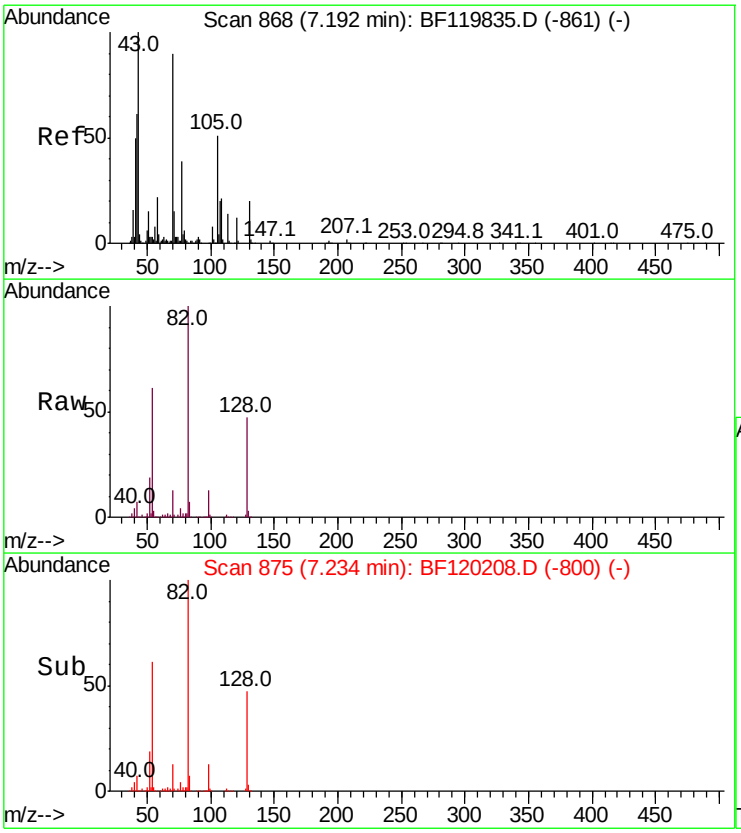
#7
Phenol-d6
Concen: 83.246 ng
RT: 6.32 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion: 99 Resp: 752652

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	24.8
71	32.8	26.4	39.6

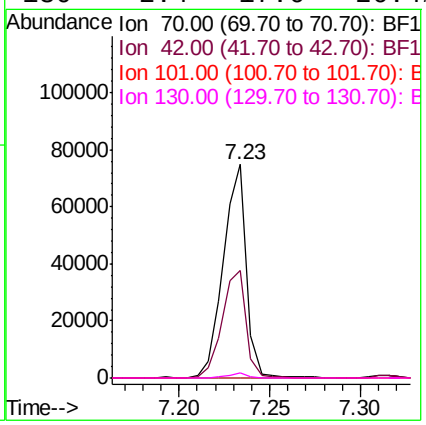


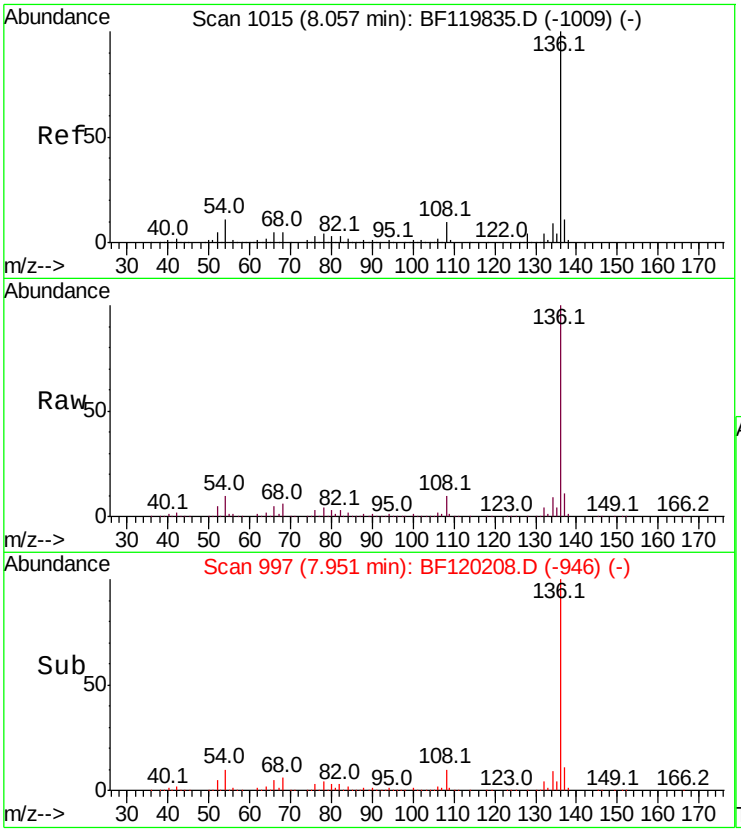


#19
n-Nitroso-di-n-propylamine
Concen: 11.416 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion: 70 Resp: 66372

Ion	Ratio	Lower	Upper
70	100		
42	50.5	54.5	81.7#
101	0.0	7.6	11.4#
130	2.4	17.6	26.4#



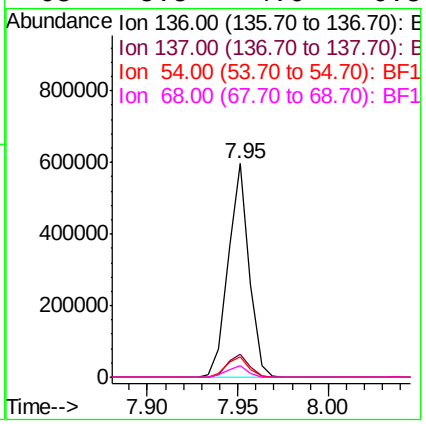


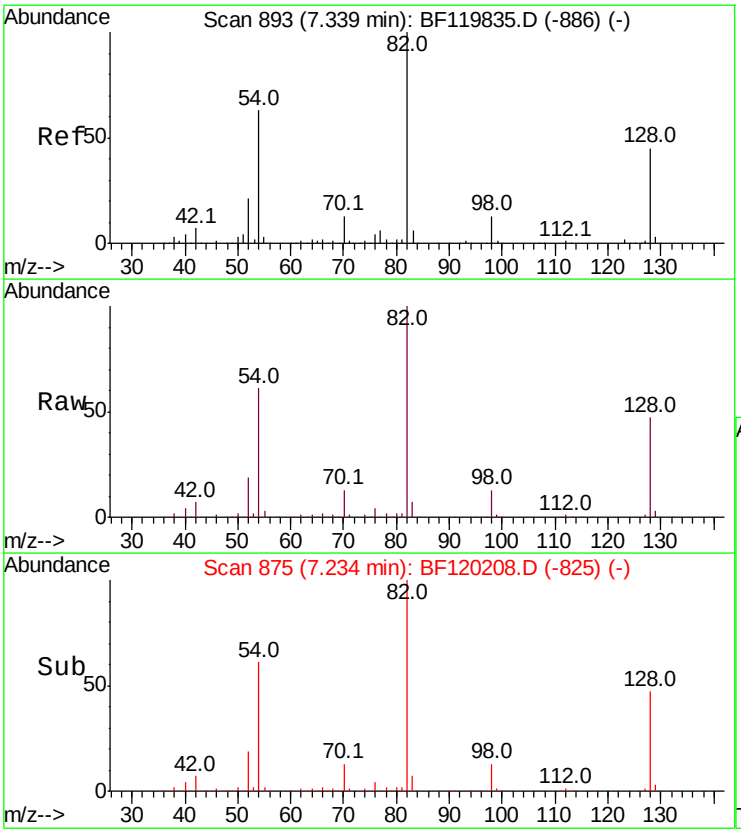
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:136 Resp: 476247

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.6	9.1	13.7
68	5.5	4.6	6.8

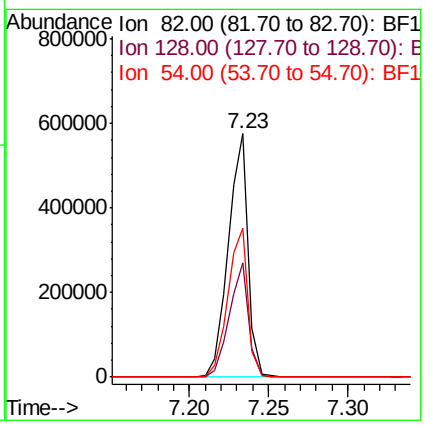


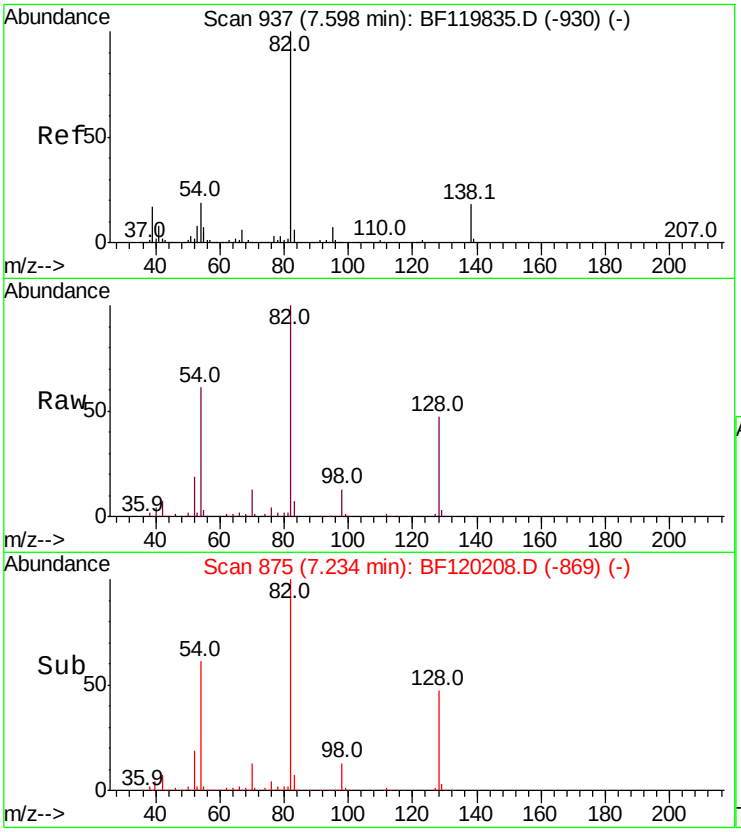


#23
Nitrobenzene-d5
Concen: 54.061 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion: 82 Resp: 497672

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.3	54.5
54	61.4	50.6	75.8



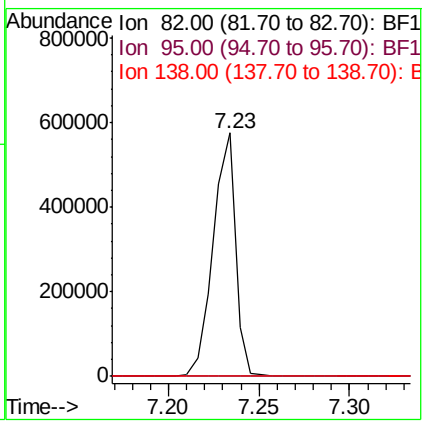


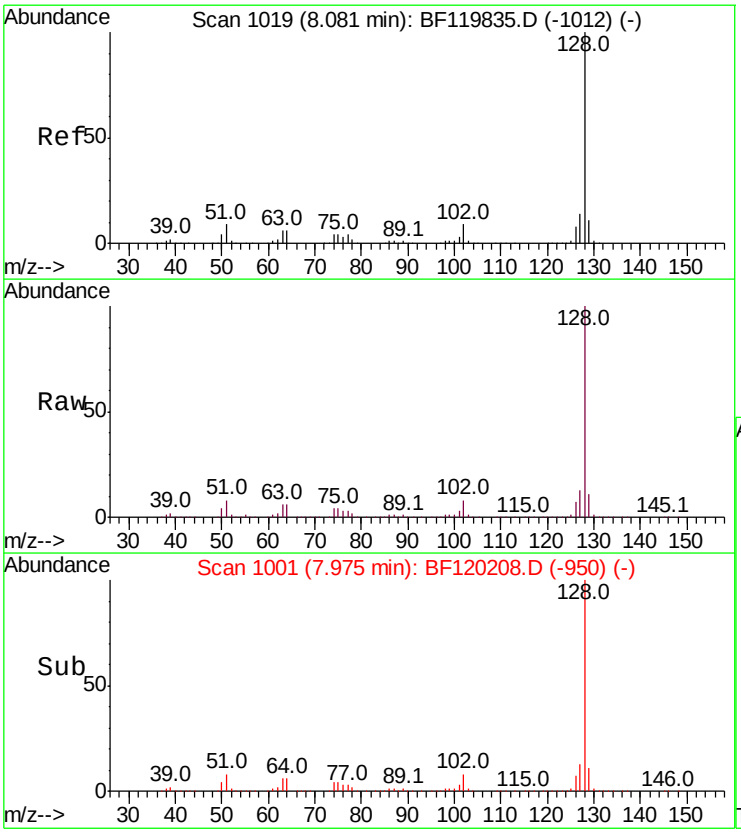
#25
Isophorone
Concen: 27.809 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.26 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion: 82 Resp: 493503

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

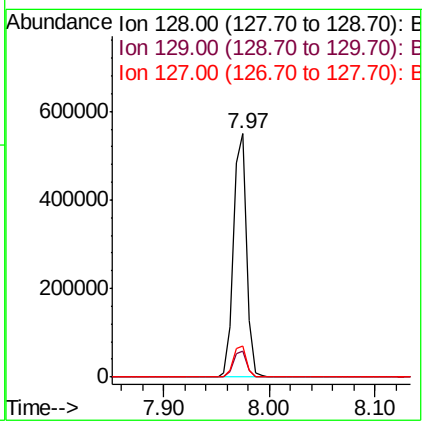


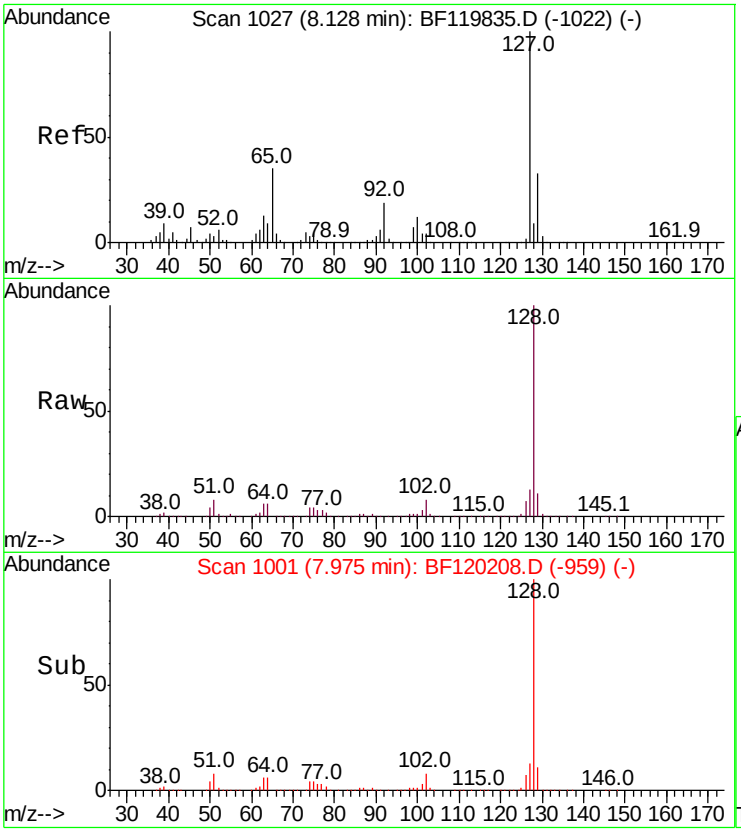


#31
Naphthalene
Concen: 18.471 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:128 Resp: 462835

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	12.7	11.3	16.9



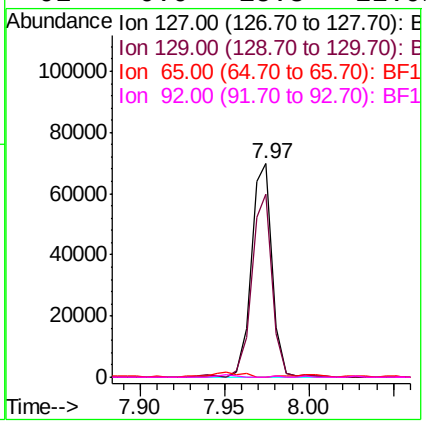


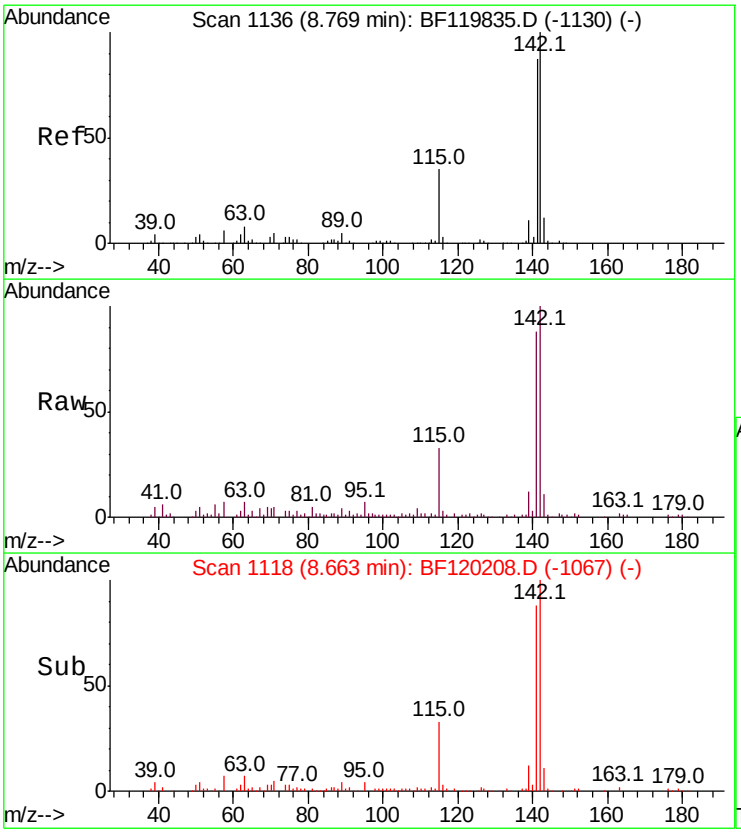
#33
4-Chloroaniline
Concen: 5.515 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.05 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:127 Resp: 60159

Ion	Ratio	Lower	Upper
127	100		
129	85.8	26.2	39.4#
65	0.0	27.4	41.0#
92	0.0	15.3	22.9#

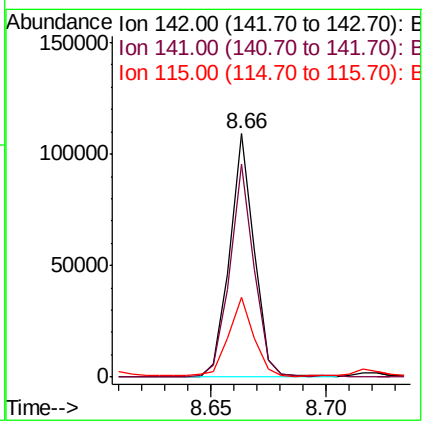


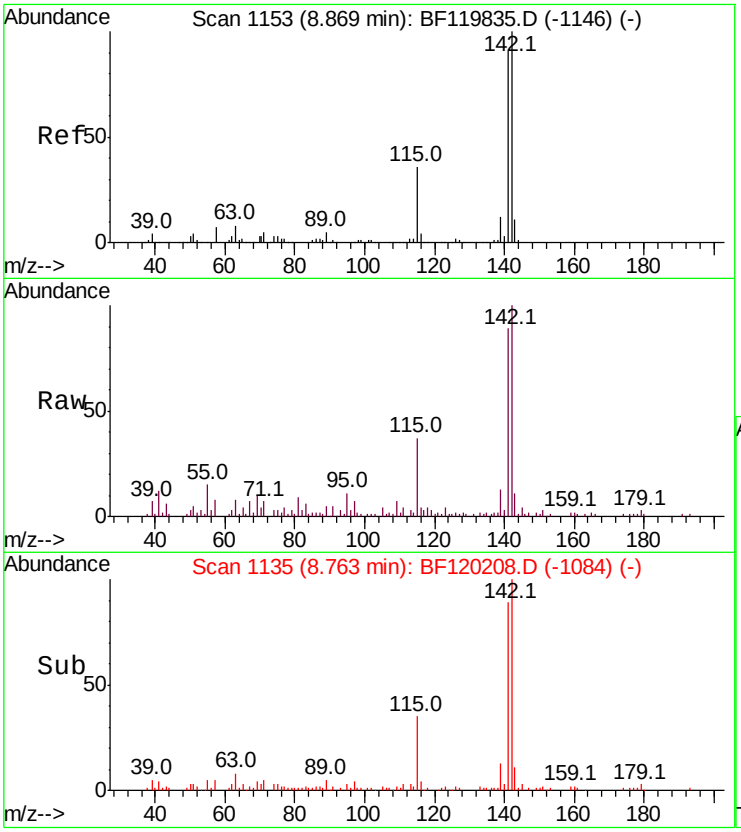


#37
2-Methylnaphthalene
Concen: 4.773 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:142 Resp: 81081

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.7	107.5
115	33.0	27.9	41.9



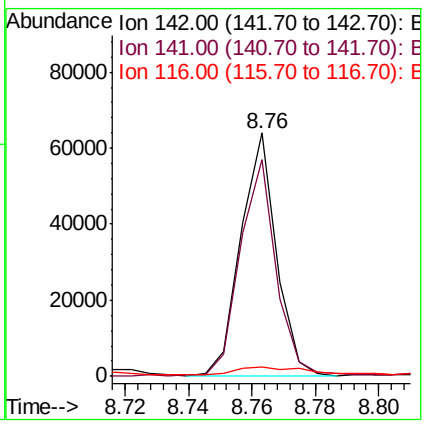


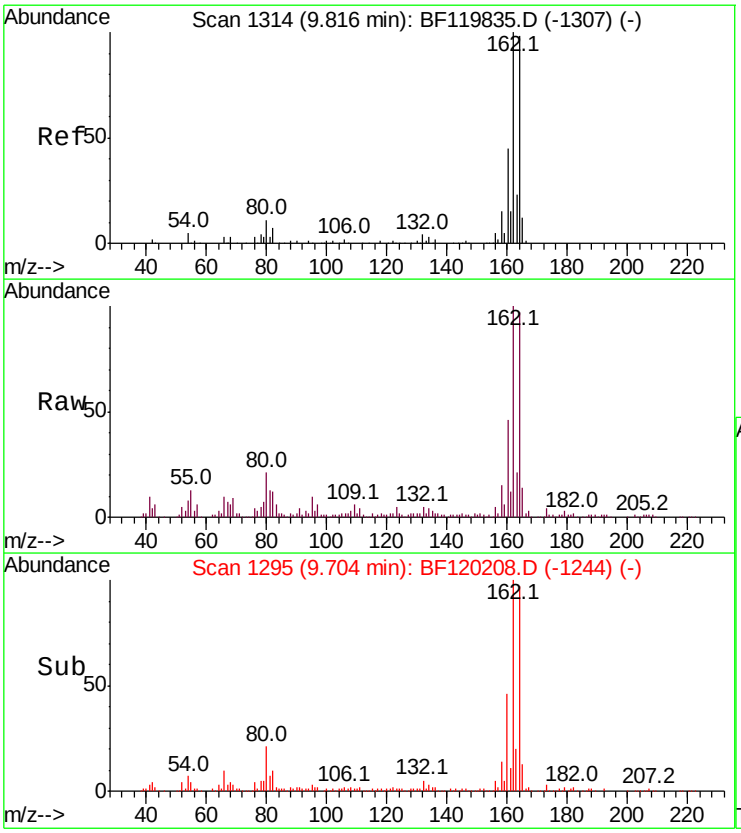
#38
1-Methylnaphthalene
Concen: 3.107 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:142 Resp: 49751

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.7	110.5
116	4.1	3.0	4.6

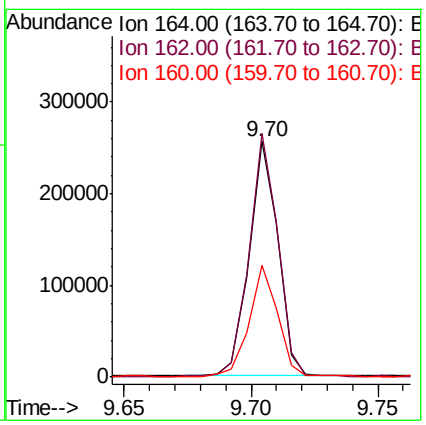


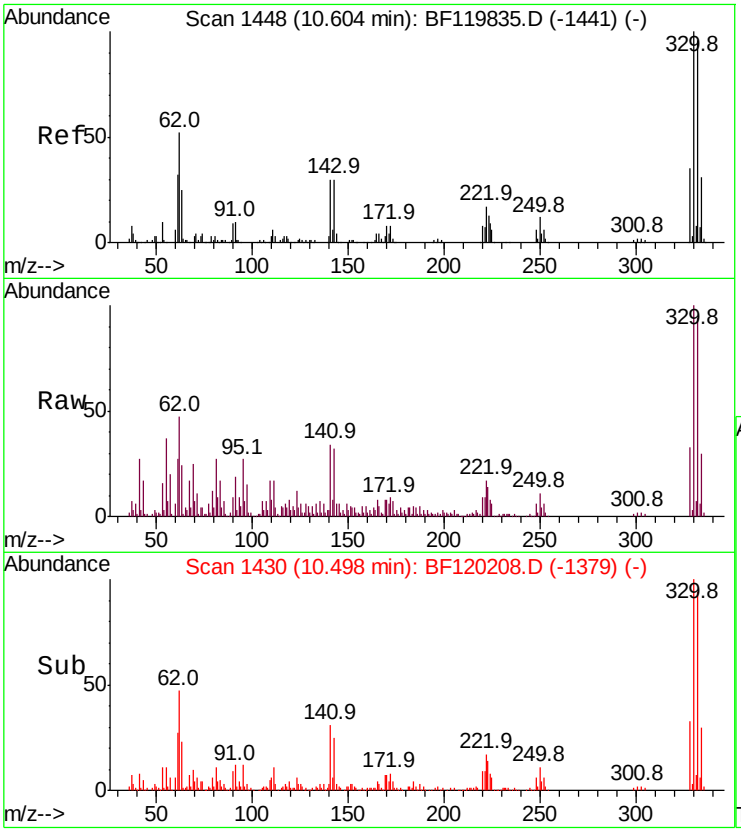


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:164 Resp: 202212

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	121.0
160	47.2	35.7	53.5



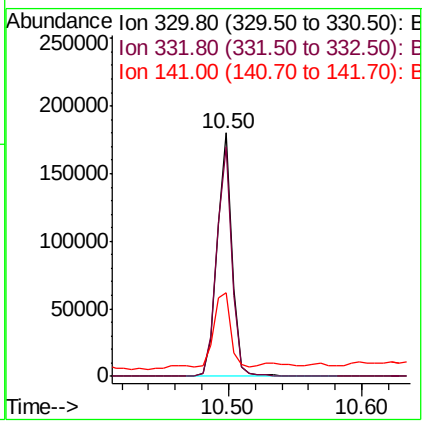


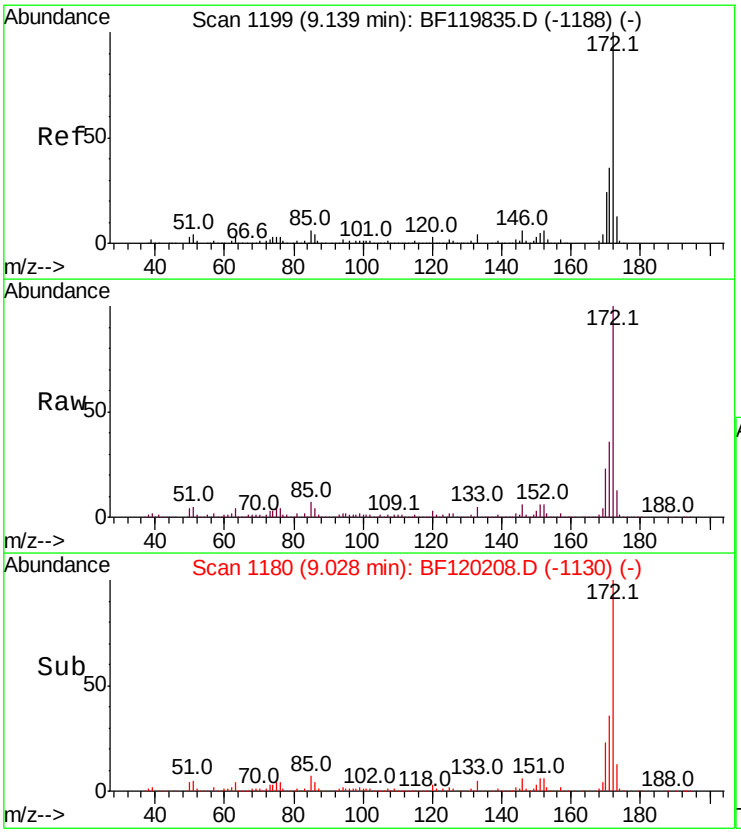
#42
2,4,6-Tribromophenol
Concen: 57.491 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:330 Resp: 142333

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	35.1	25.4	38.0

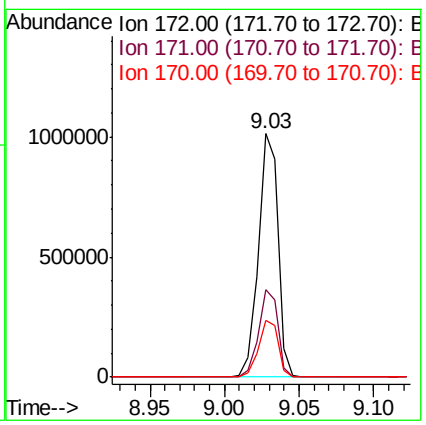


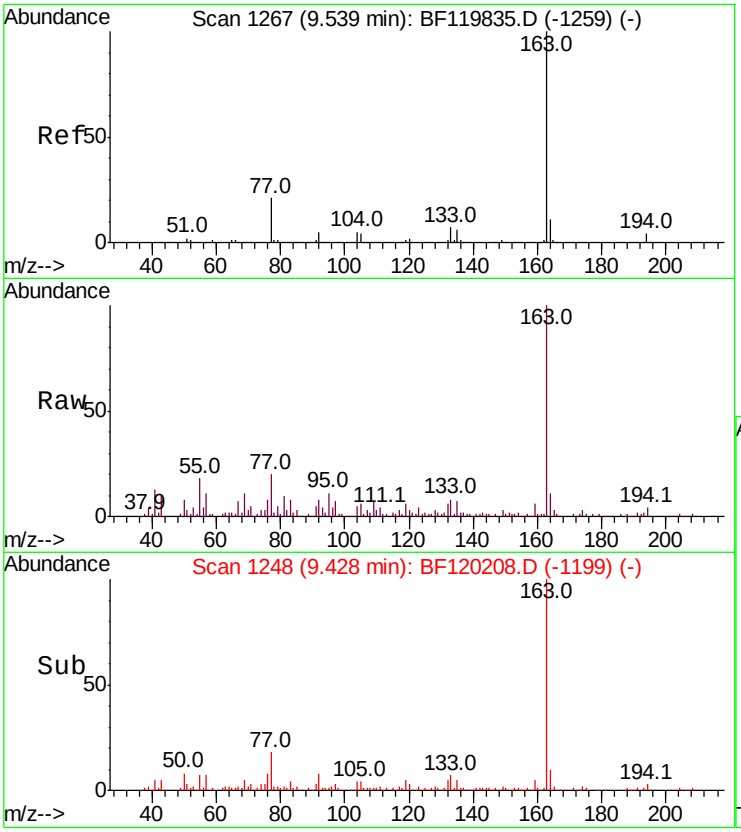


#45
2-Fluorobiphenyl
Concen: 63.501 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:172 Resp: 904407

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	20.2	30.2



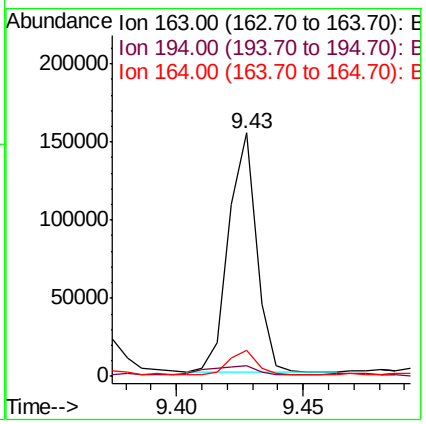


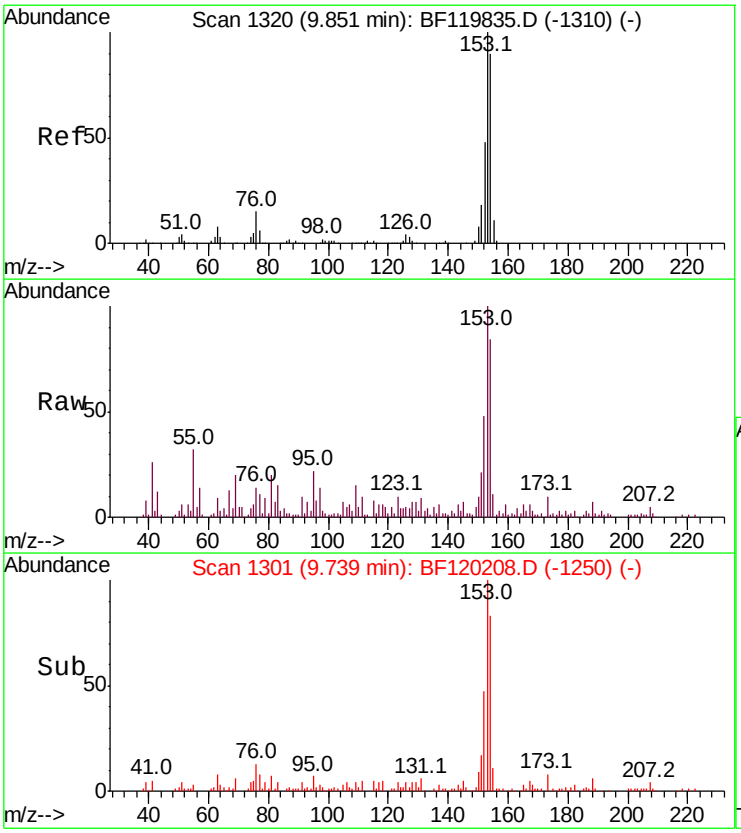
#50
Dimethylphthalate
Concen: 7.510 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:163 Resp: 117456

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.5	8.2	12.2

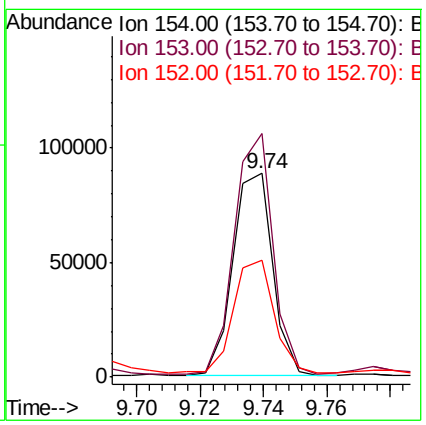


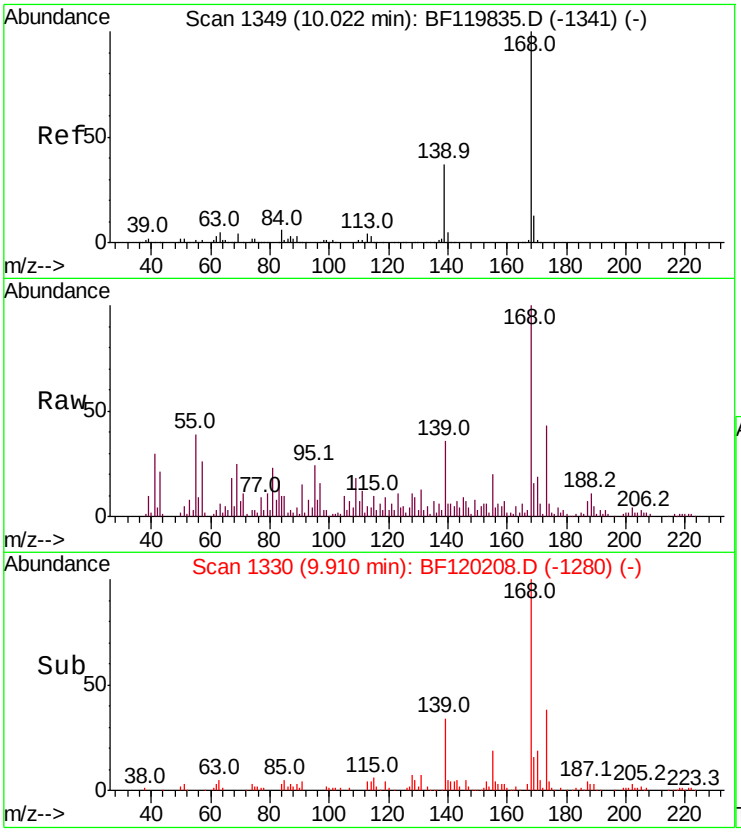


#52
Acenaphthene
Concen: 5.765 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:154 Resp: 76898

Ion	Ratio	Lower	Upper
154	100		
153	119.7	88.1	132.1
152	57.6	43.0	64.4



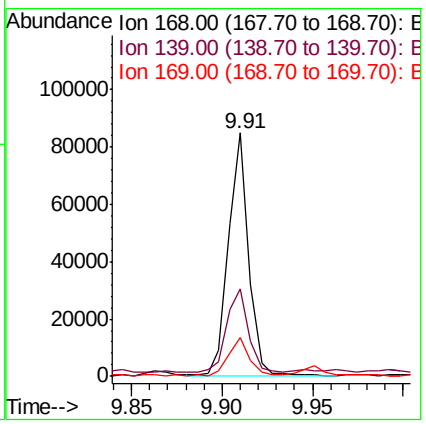


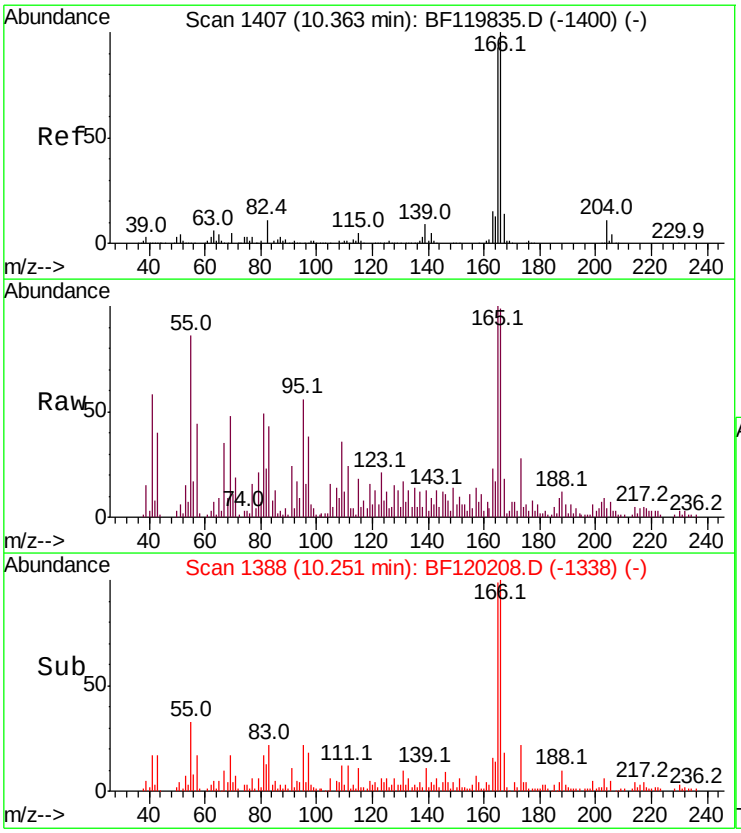
#55
Dibenzofuran
Concen: 3.642 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:168 Resp: 66661

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.1	45.1
169	15.7	11.0	16.6

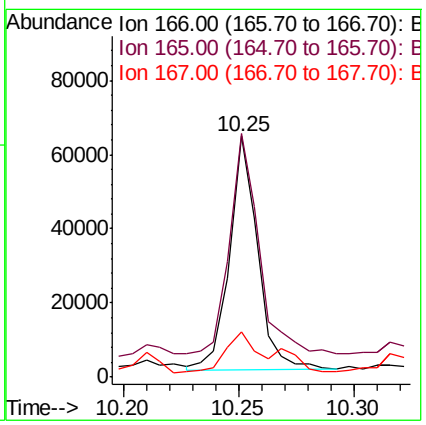


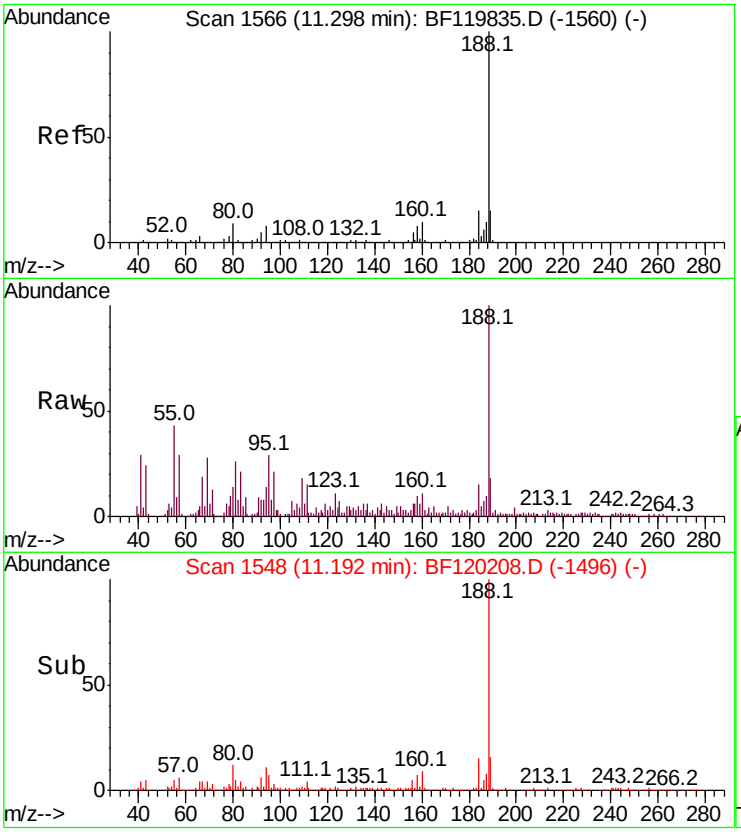


#58
Fluorene
Concen: 3.651 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:166 Resp: 53451

Ion	Ratio	Lower	Upper
166	100		
165	101.0	75.4	113.2
167	18.6	11.2	16.8#



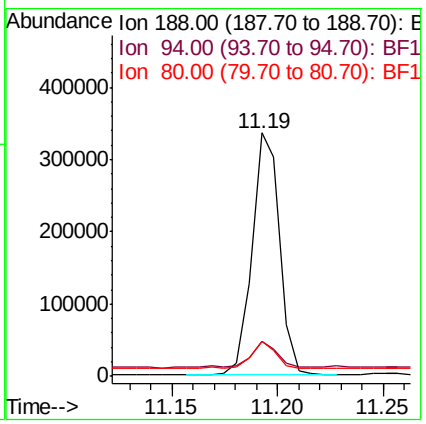


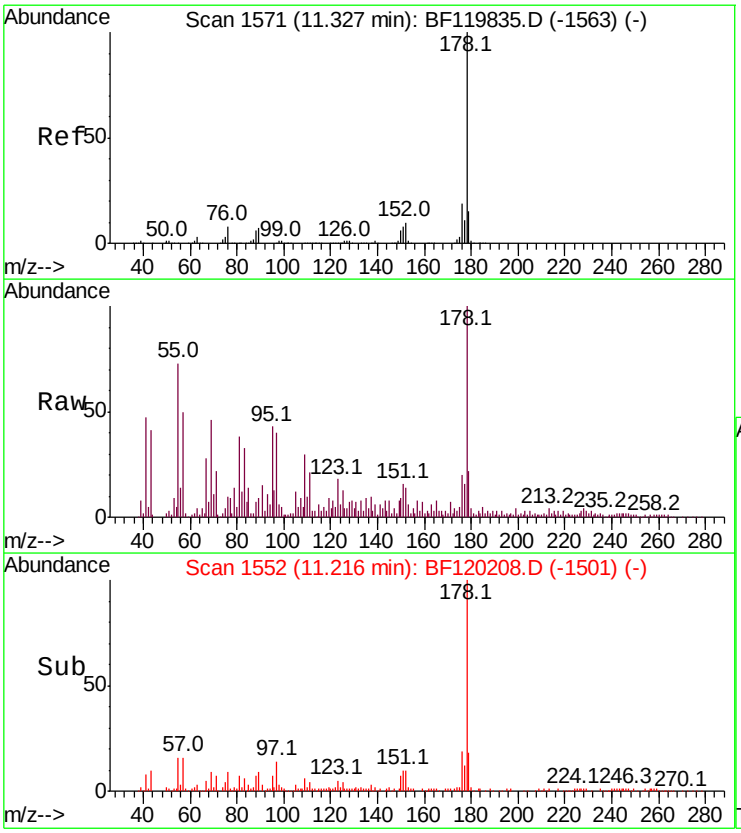
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:188 Resp: 303641

Ion	Ratio	Lower	Upper
188	100		
94	14.3	7.5	11.3#
80	14.2	9.0	13.4#

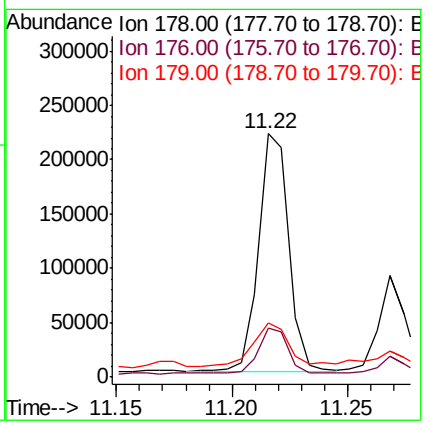


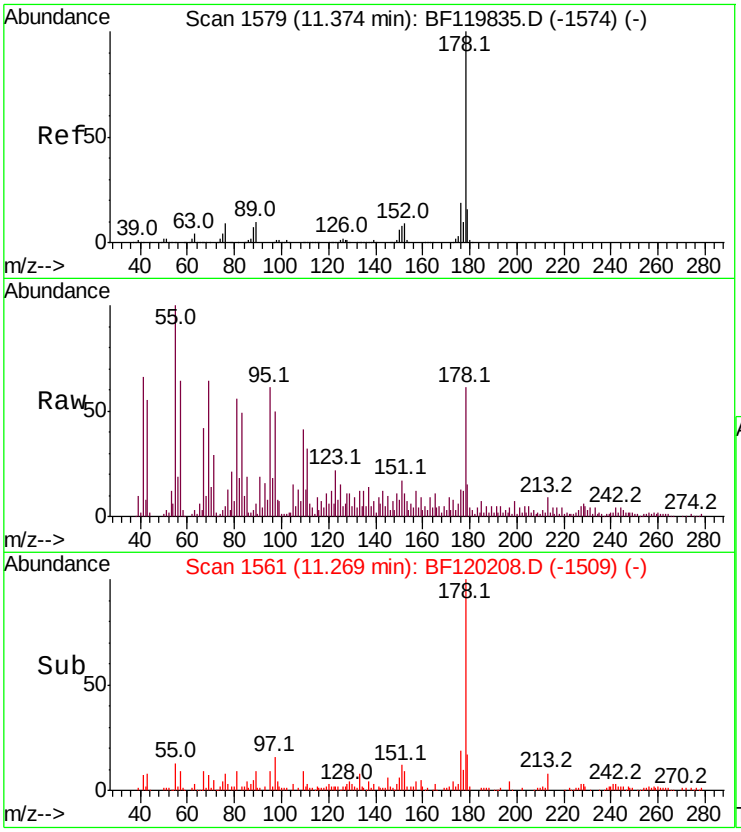


#71
Phenanthrene
Concen: 12.439 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:178 Resp: 201017

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	22.5	13.2	19.8#



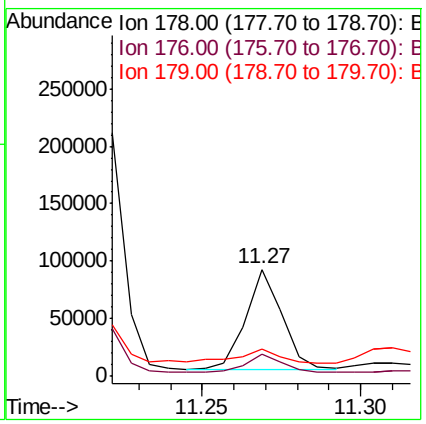


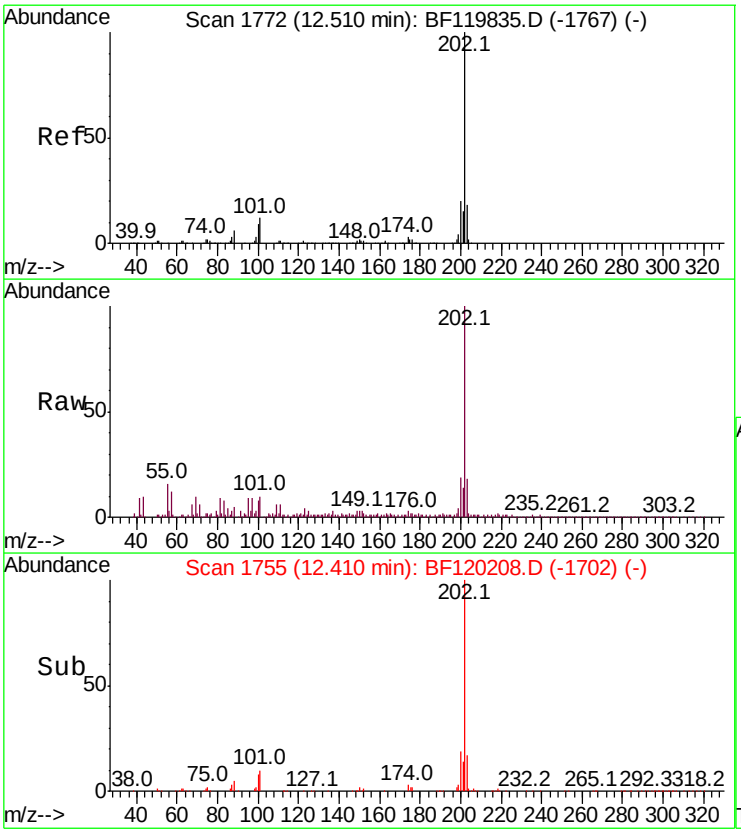
#72
Anthracene
Concen: 4.142 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:178 Resp: 68383

Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.1	24.1
179	25.2	13.0	19.4#

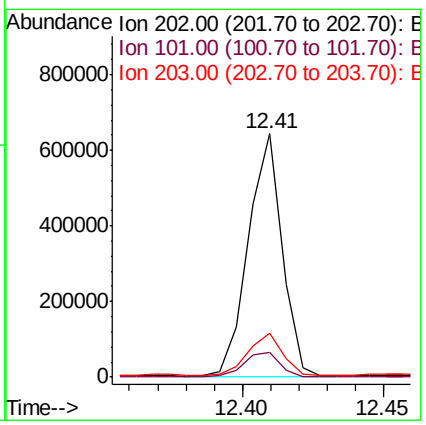


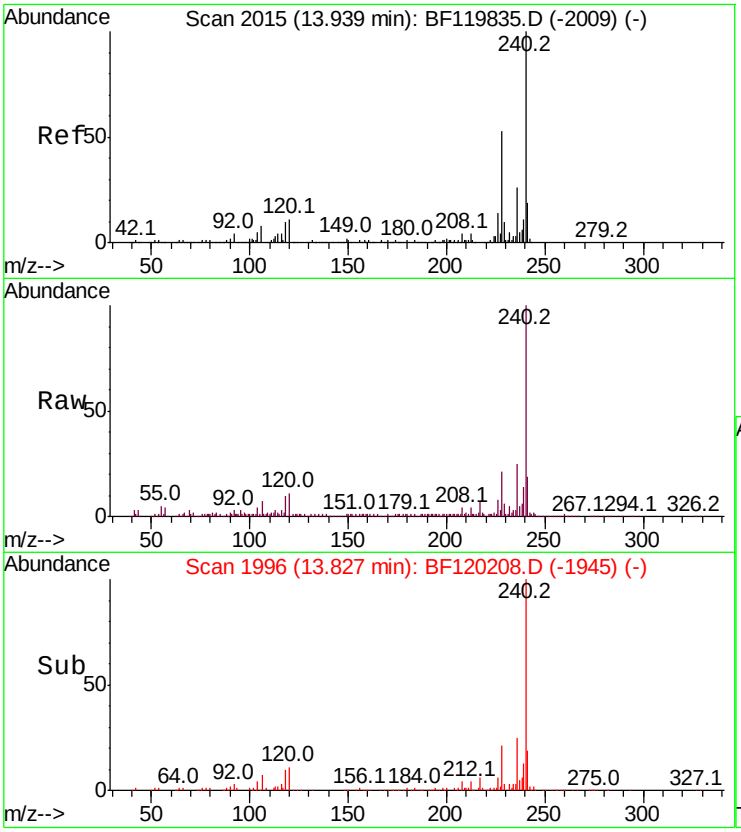


#75
Fluoranthene
Concen: 30.440 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:202 Resp: 530766

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.2
203	18.0	0.0	38.8



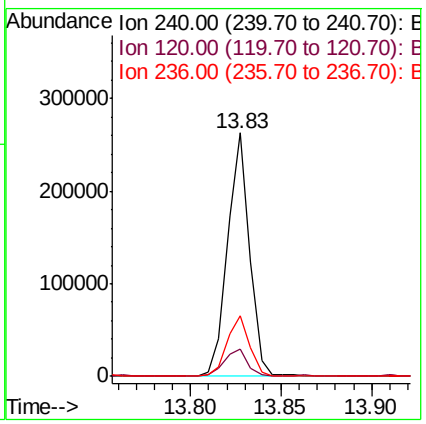


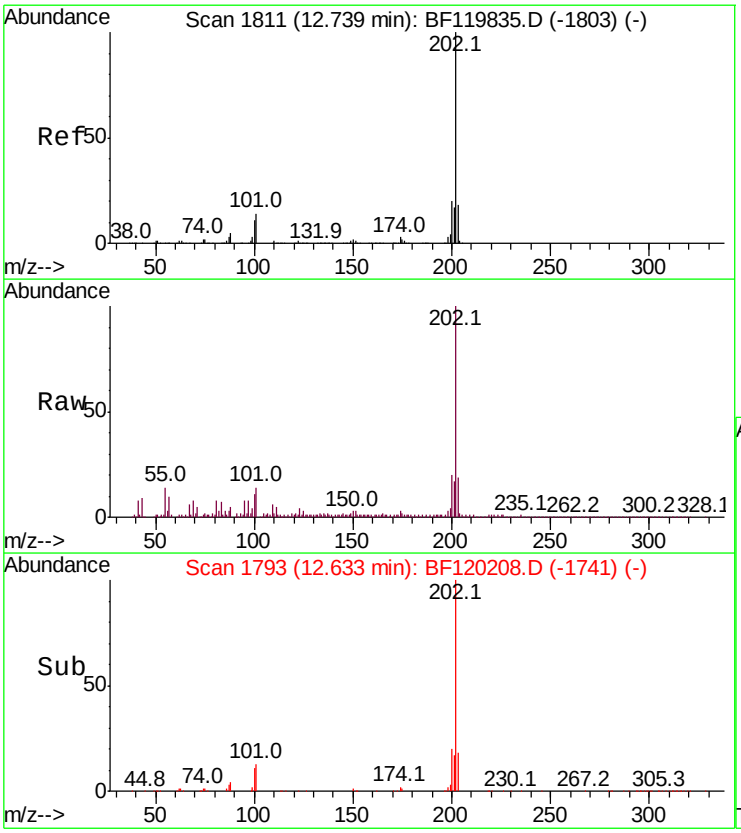
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:240 Resp: 220493

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.6	15.8
236	25.1	20.2	30.2

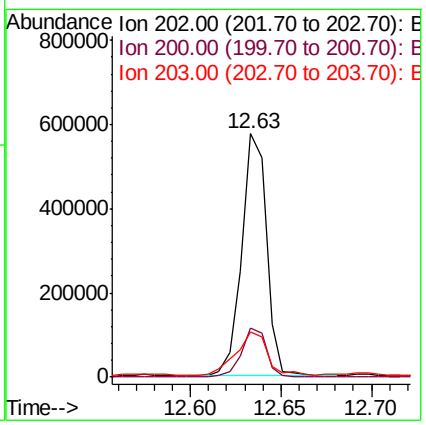


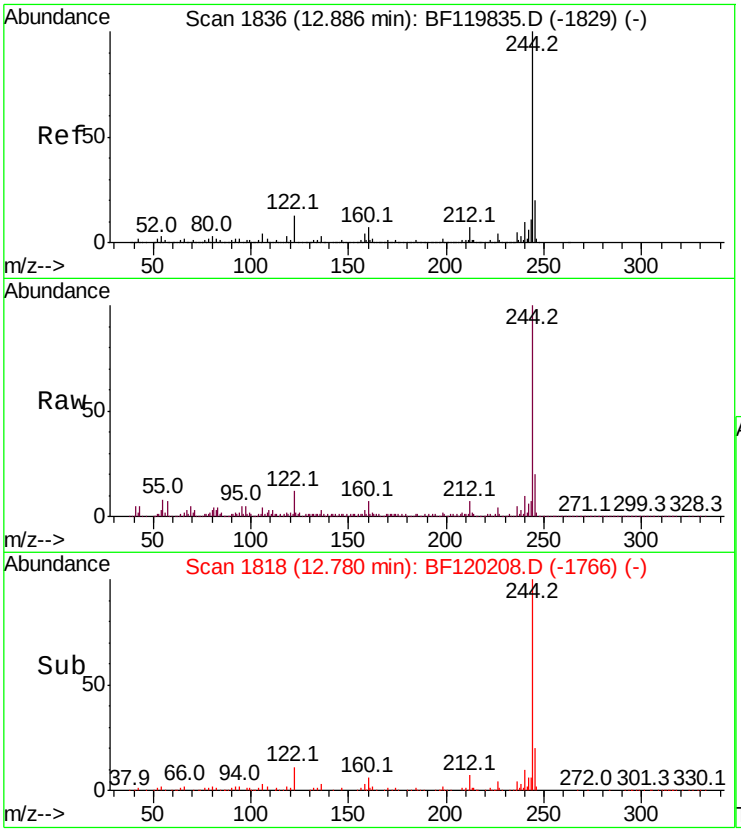


#78
Pyrene
Concen: 29.556 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:202 Resp: 549380

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	18.7	15.1	22.7



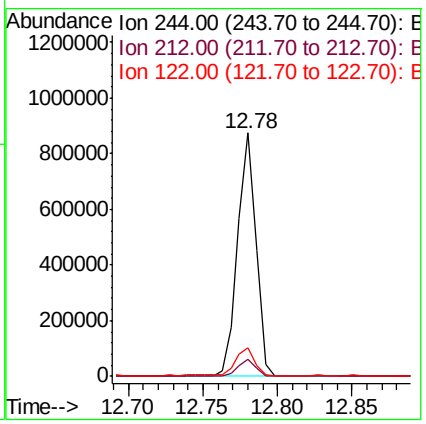


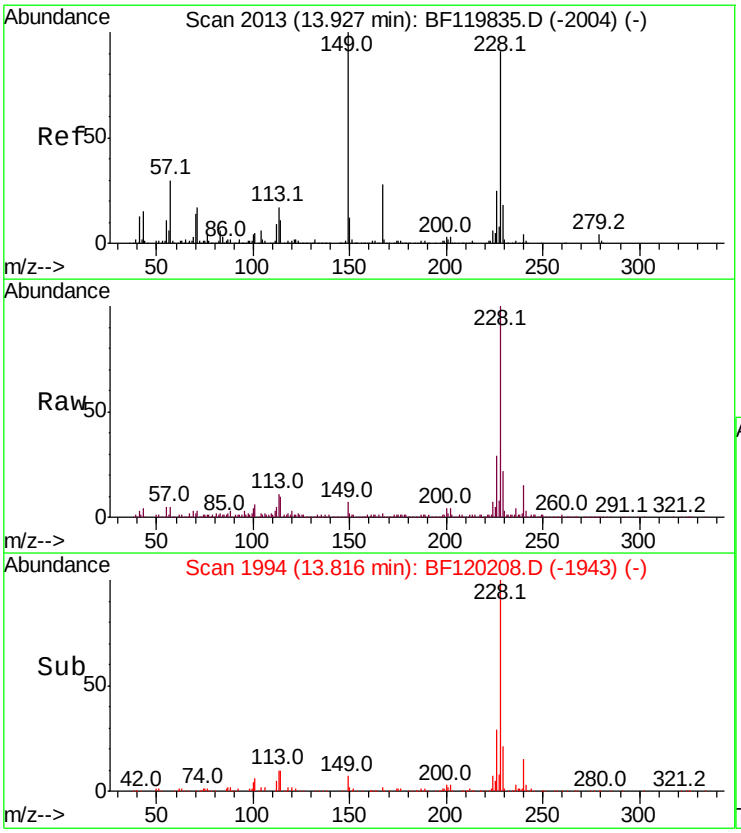
#79
Terphenyl-d14
Concen: 57.521 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:244 Resp: 753753

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.8	10.3	15.5

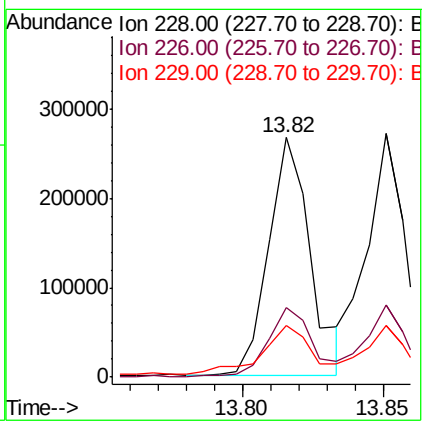


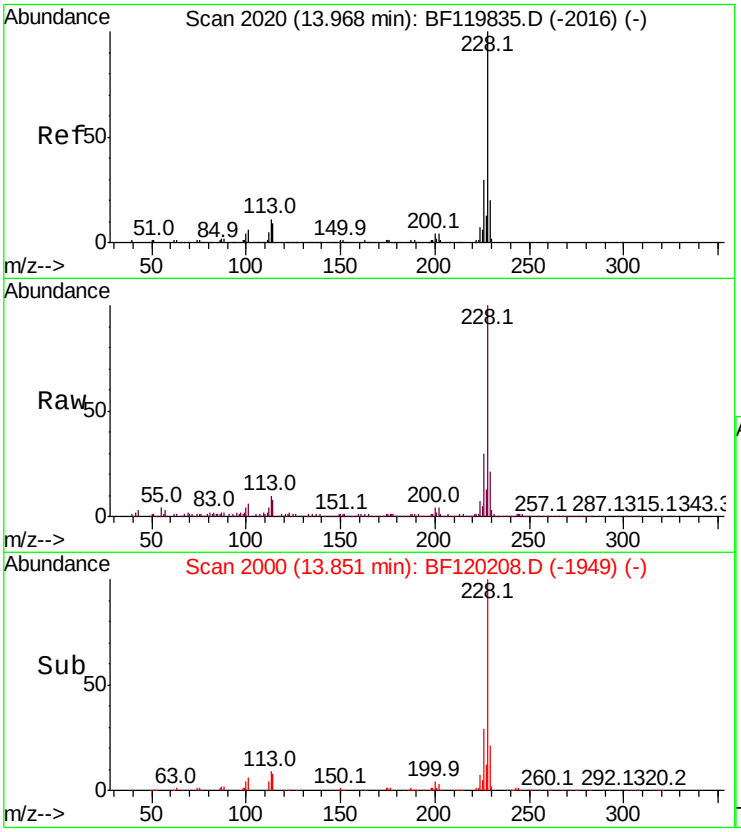


#81
Benzo(a)anthracene
Concen: 18.915 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:228 Resp: 274372

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.8
229	21.7	16.2	24.4



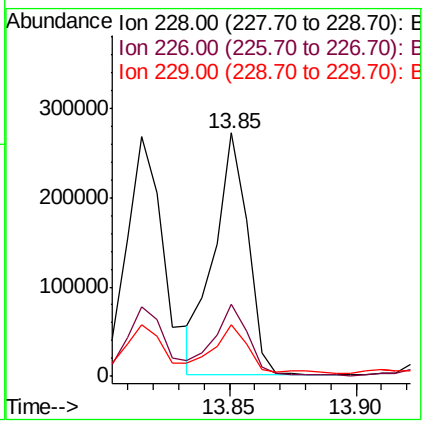


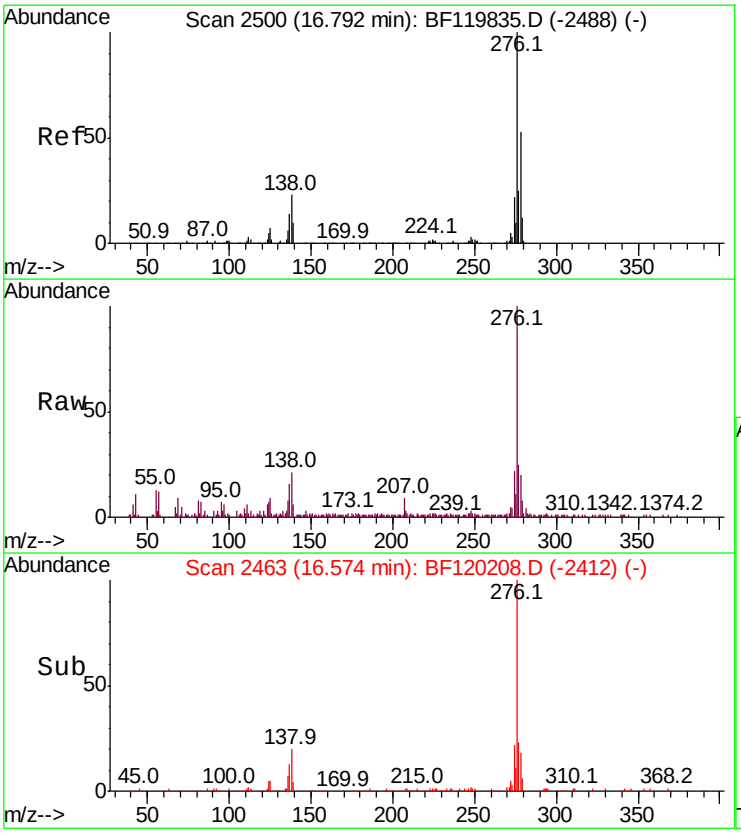
#83
Chrysene
Concen: 16.980 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:228 Resp: 250265

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	21.2	16.6	24.8

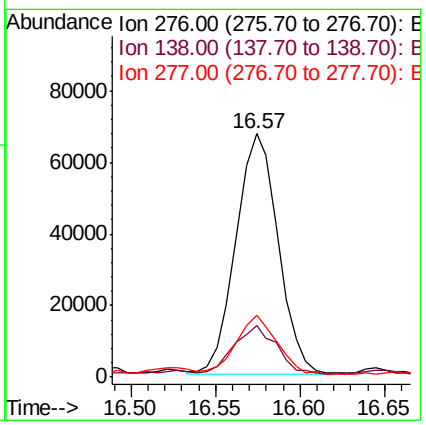


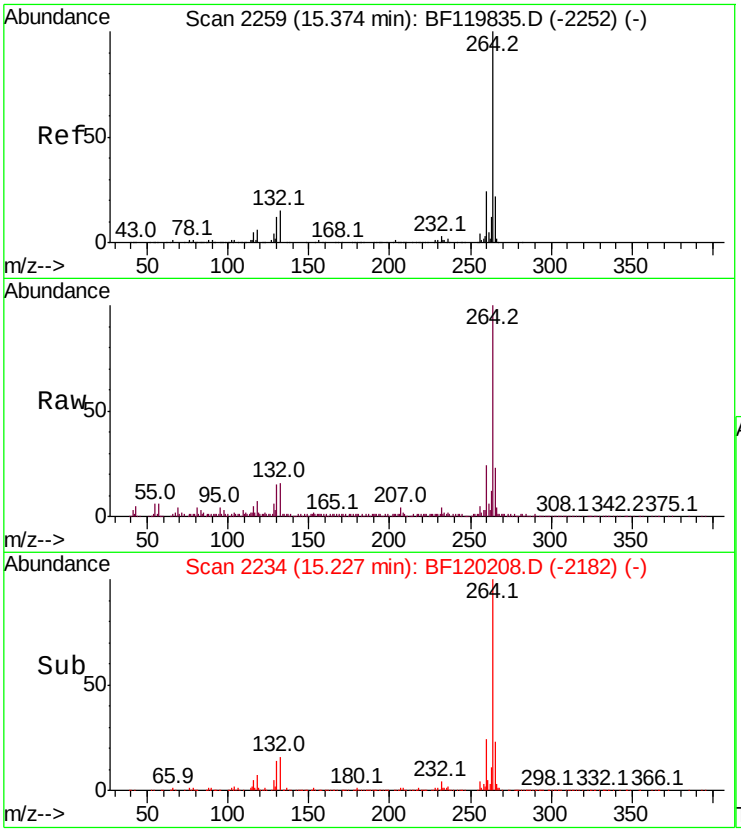


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.002 ng
RT: 16.57 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:276 Resp: 116955

Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.6	29.4
277	23.8	20.0	30.0



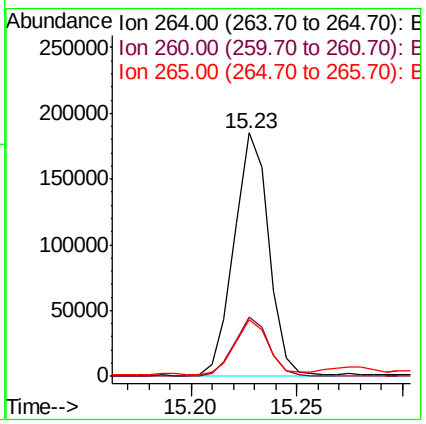


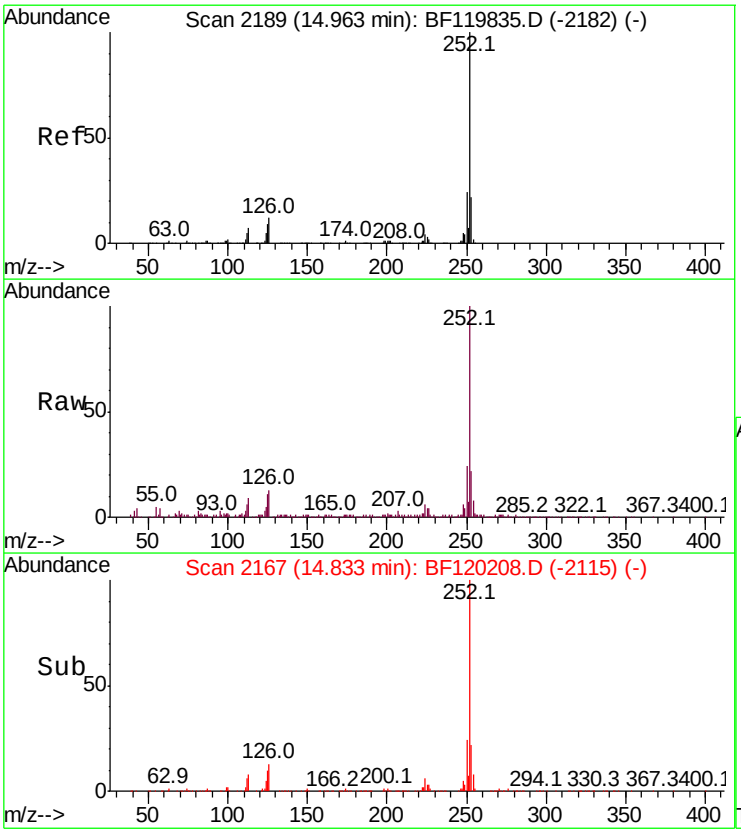
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:264 Resp: 209813

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	23.4	17.7	26.5

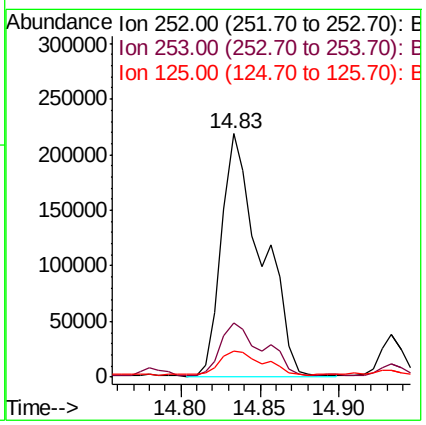


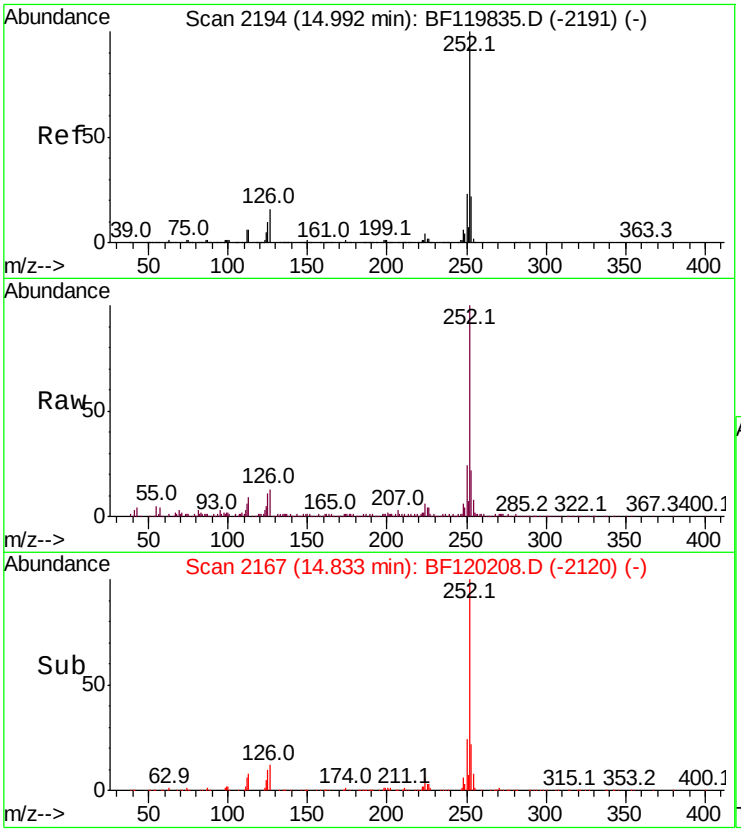


#88
Benzo(b)fluoranthene
Concen: 25.431 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:252 Resp: 383846

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.8	7.9	11.9



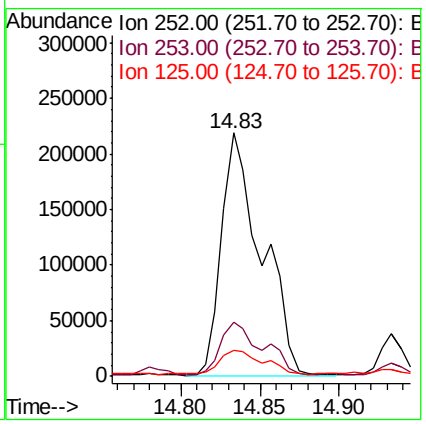


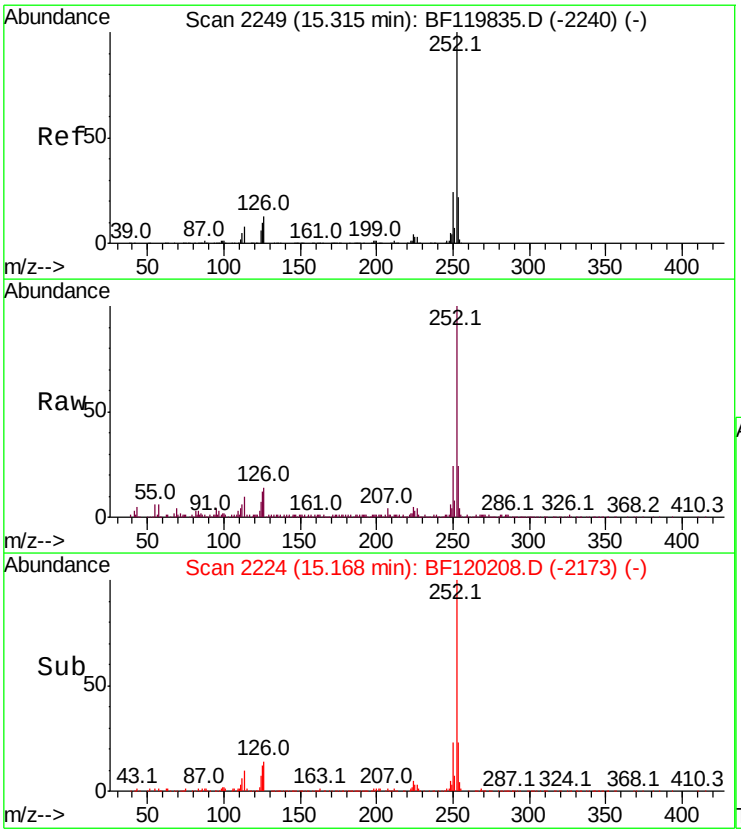
#89
Benzo(k)fluoranthene
Concen: 29.475 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:252 Resp: 383846

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.8	8.4	12.6

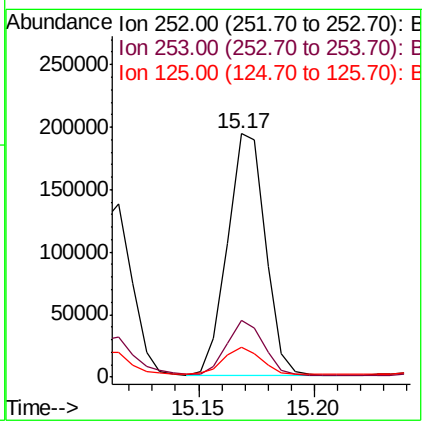


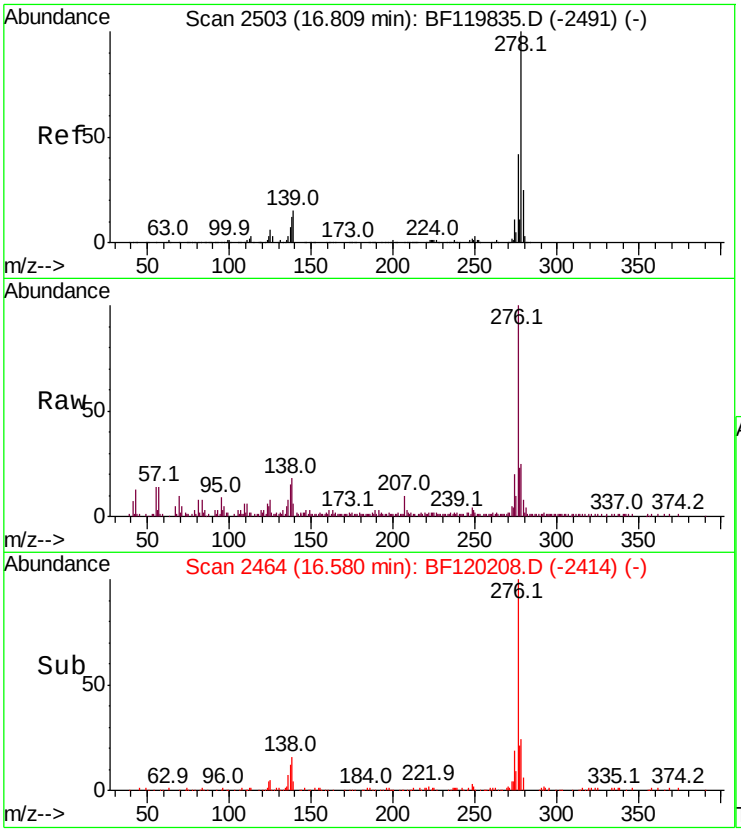


#90
Benzo(a)pyrene
Concen: 17.617 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:252 Resp: 223564

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	12.3	9.4	14.2



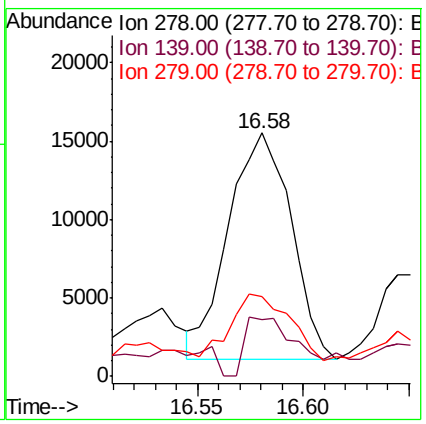


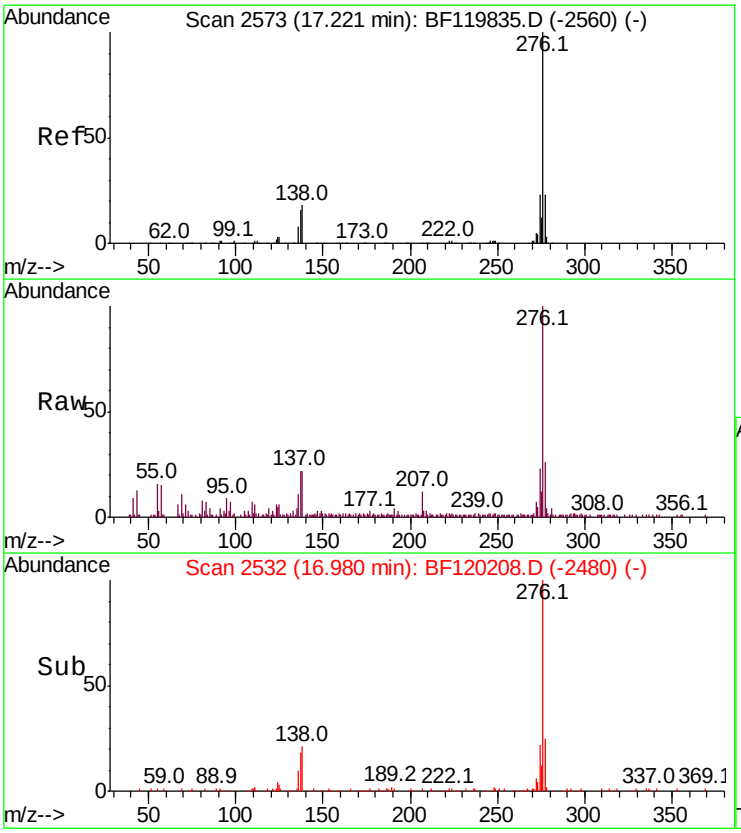
#91
Dibenzo(a,h)anthracene
Concen: 2.642 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:278 Resp: 29702

Ion	Ratio	Lower	Upper
278	100		
139	23.0	12.6	19.0#
279	32.9	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 9.663 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF120208.D
Acq: 24 Apr 2020 17:59

Tgt Ion:276 Resp: 107225

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.4	27.6
138	22.1	15.4	23.0