Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121169.D
Acq On : 31 Jul 2020 20:25
Operator : JU/CG
Sample : L3478-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-VNJ-213

Quant Time: Jul 31 23:12:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128659	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	465369	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	109677	20.00	ng	0.02
64) Phenanthrene-d10	11.37	188	99348	20.00	ng	0.05
76) Chrysene-d12	13.99	240	262799	20.00	ng	0.02
86) Perylene-d12	15.43	264	374799	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	91682	11.68	ng	-0.01
7) Phenol-d6	6.43	99	121472	11.98	ng	-0.02
23) Nitrobenzene-d5	7.35	82	77146	9.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	14158	11.79	ng	0.03
45) 2-Fluorobiphenyl	9.16	172	139357	18.97	ng	0.00
79) Terphenyl-d14	12.95	244	59699	4.94	ng	0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	243	Below Cal	#	39
48) 2-Nitroaniline	9.24	65	7833	3.800	ng	89
49) Acenaphthylene	9.72	152	24593	2.321	ng #	1
50) Dimethylphthalate	9.56	163	36391	4.599	ng #	29
51) 2,6-Dinitrotoluene	9.60	165	32080	18.871	ng #	36
53) 3-Nitroaniline	9.82	138	15585	7.310	ng #	35
54) 2,4-Dinitrophenol	9.90	184	881	7.657	ng #	1
60) Diethylphthalate	10.30	149	25214	3.150	ng #	18
61) 4-Chlorophenyl-phenylether	10.43	204	9211	2.377	ng #	1
65) 4,6-Dinitro-2-methylphenol	10.48	198	987	5.422	ng #	1
66) n-Nitrosodiphenylamine	10.53	169	7063	2.260	ng #	68
67) 4-Bromophenyl-phenylether	10.85	248	4223	3.813	ng #	1
69) Atrazine	11.07	200	15263	19.720	ng #	1
71) Phenanthrene	11.39	178	61495	12.035	ng #	42
72) Anthracene	11.45	178	14856	2.896	ng #	1
73) Carbazole	11.59	167	11595	2.277	ng #	1
74) Di-n-butylphthalate	11.92	149	26379	4.489	ng #	33
75) Fluoranthene	12.59	202	196761	34.742	ng	92
78) Pyrene	12.82	202	189070	10.176	ng #	94
81) Benzo(a)anthracene	13.98	228	214257	13.464	ng	96
83) Chrysene	14.02	228	288550	17.254	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	79903	7.823	ng #	96
87) Indeno(1,2,3-cd)pyrene	16.86	276	293432	11.257	ng	95
88) Benzo(b)fluoranthene	15.01	252	693751	30.622	ng #	96
89) Benzo(k)fluoranthene	15.01	252	693751	33.577	ng #	96
90) Benzo(a)pyrene	15.37	252	312362	15.112	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	65296	3.067	ng #	83
92) Benzo(g,h,i)perylene	17.29	276	271128	12.915	ng	98

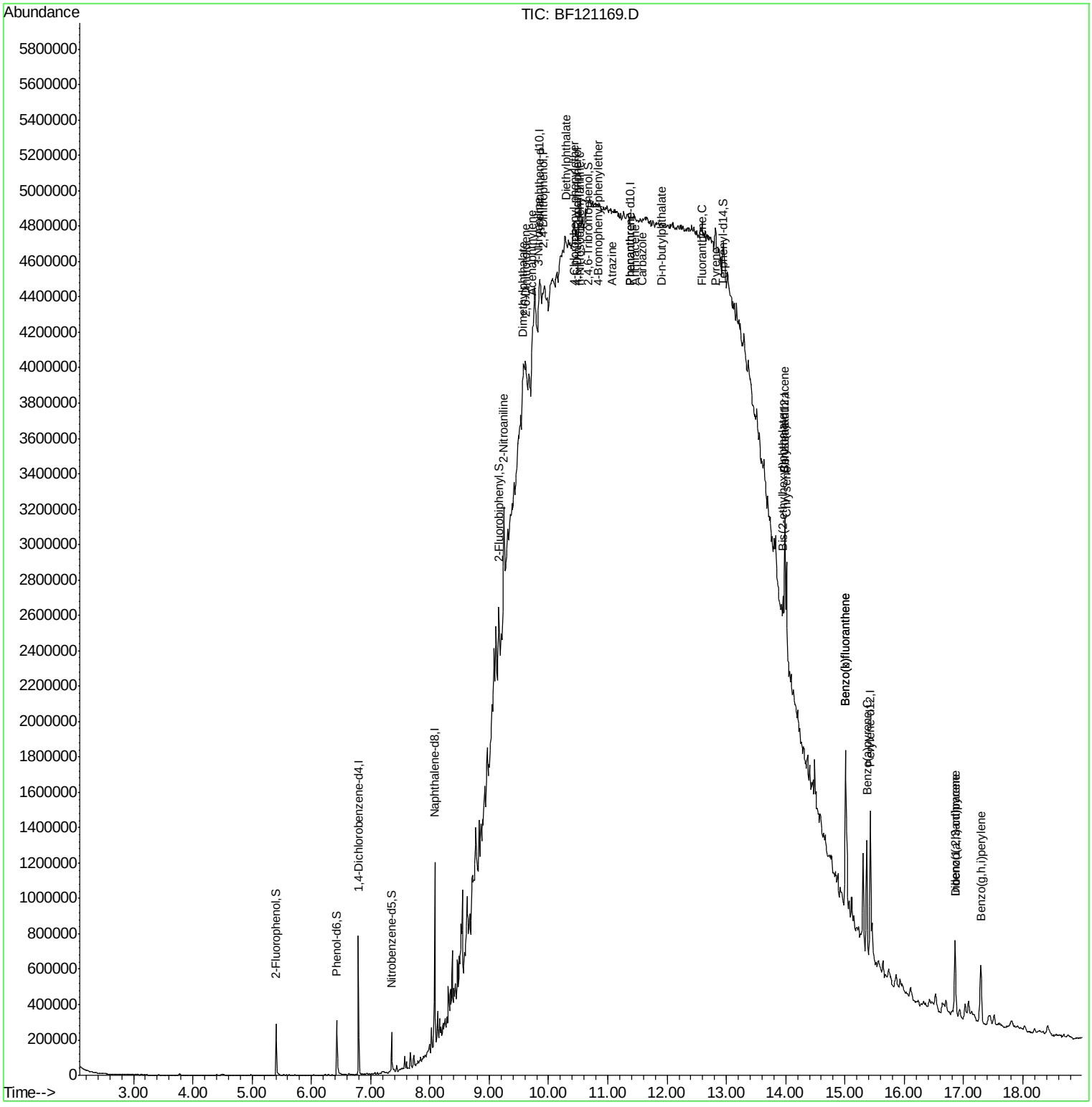
(#) = qualifier out of range (m) = manual integration (+) = signals summed

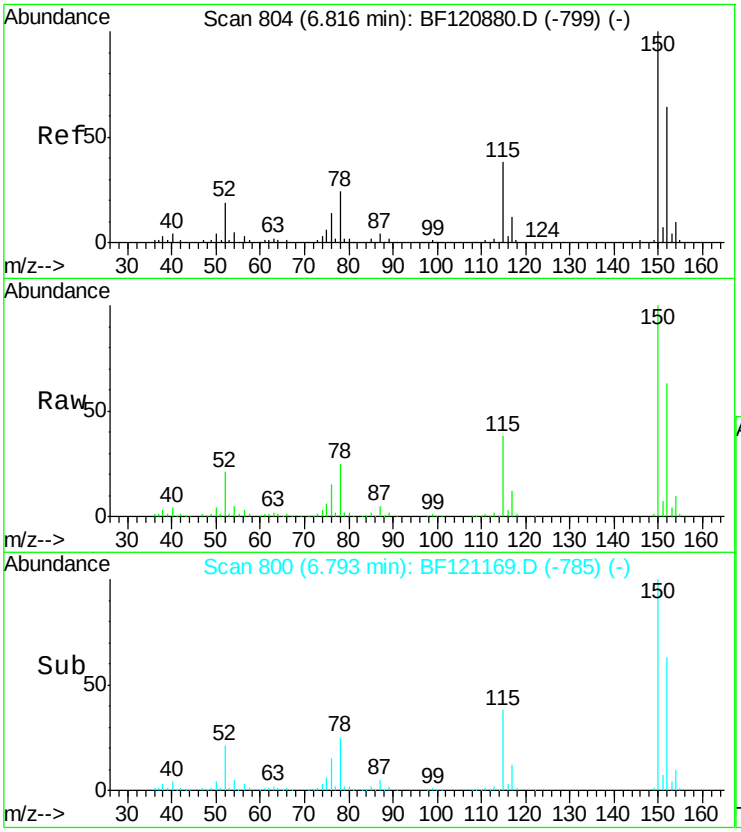
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121169.D
Acq On : 31 Jul 2020 20:25
Operator : JU/CG
Sample : L3478-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Quant Time: Jul 31 23:12:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration



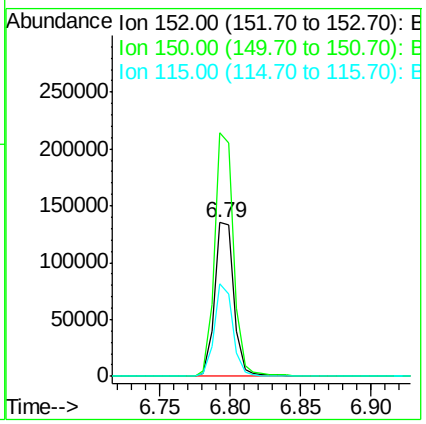


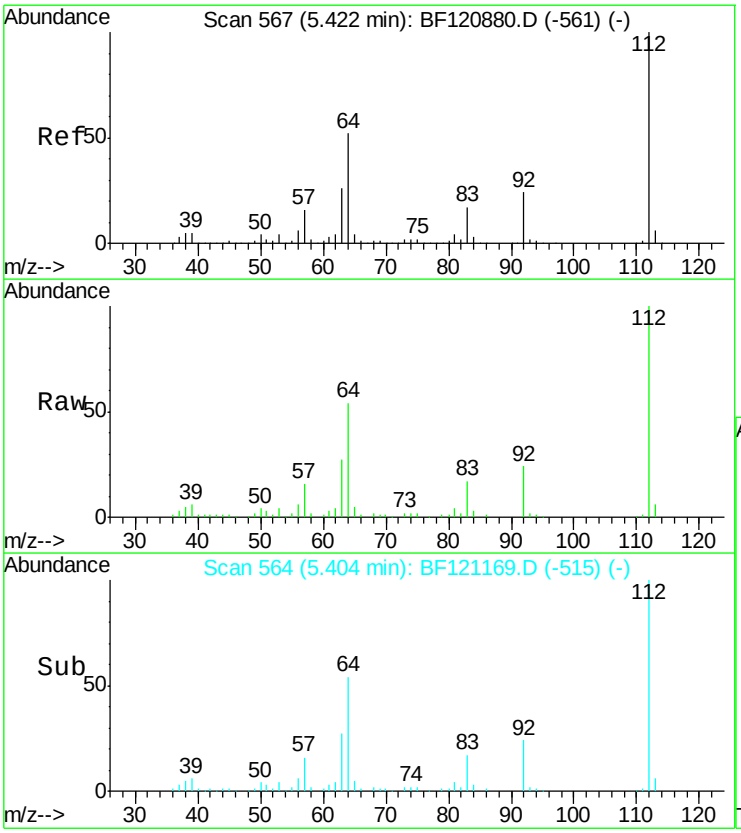
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:152 Resp: 128659

Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.6	188.4
115	60.4	46.2	69.2

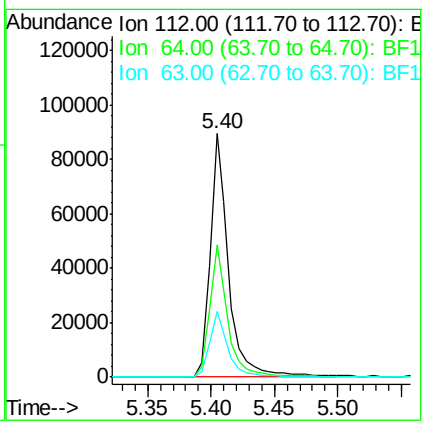


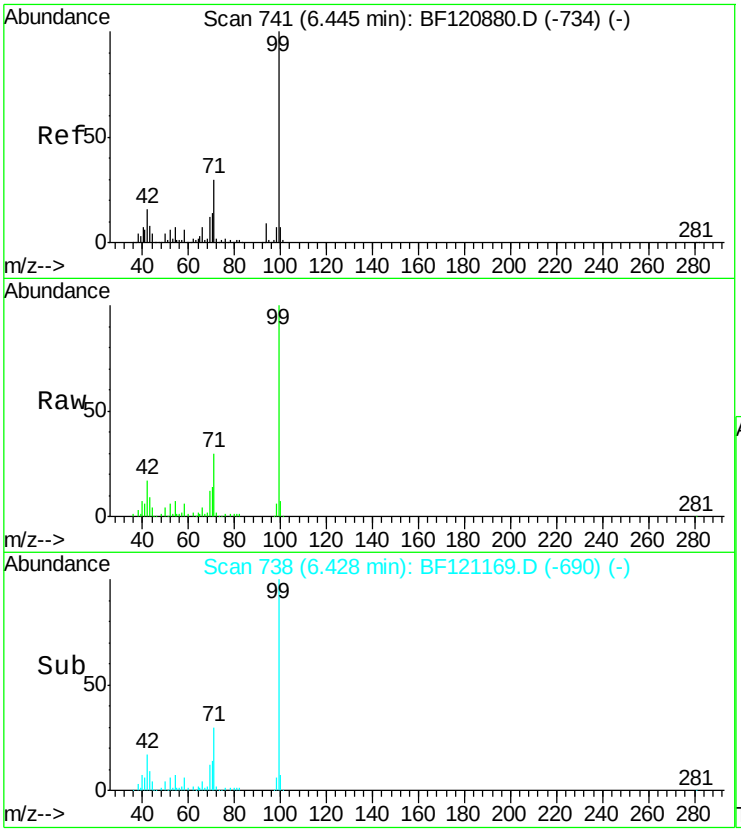


#5
2-Fluorophenol
Concen: 11.682 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:112 Resp: 91682

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.9	65.9
63	27.2	22.7	34.1



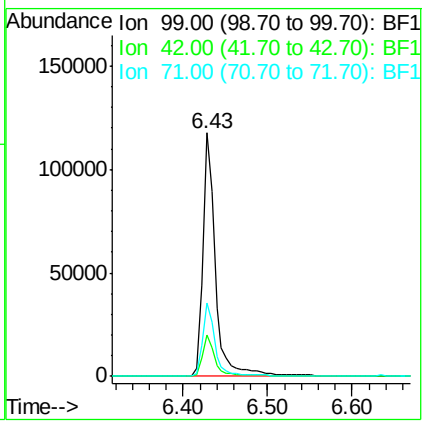


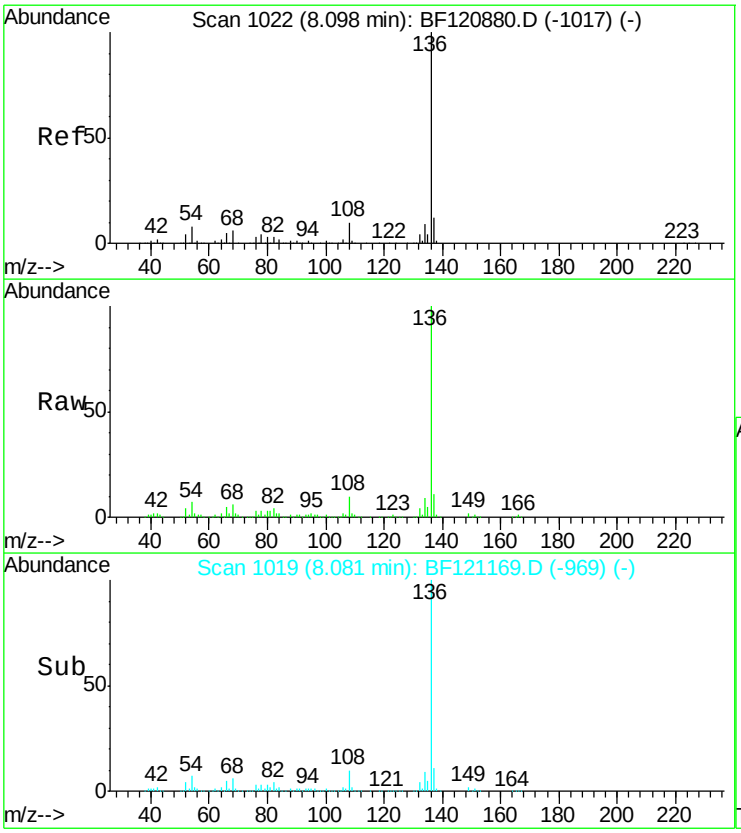
#7
Phenol-d6
Concen: 11.982 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion: 99 Resp: 121472

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	30.2	25.0	37.4

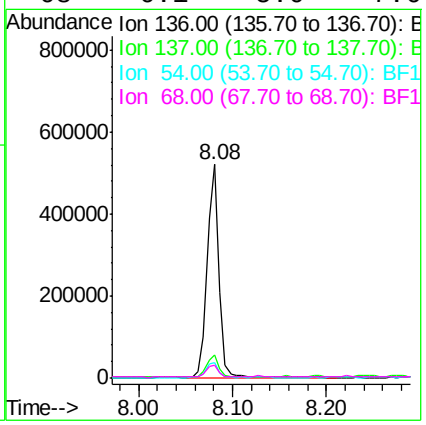


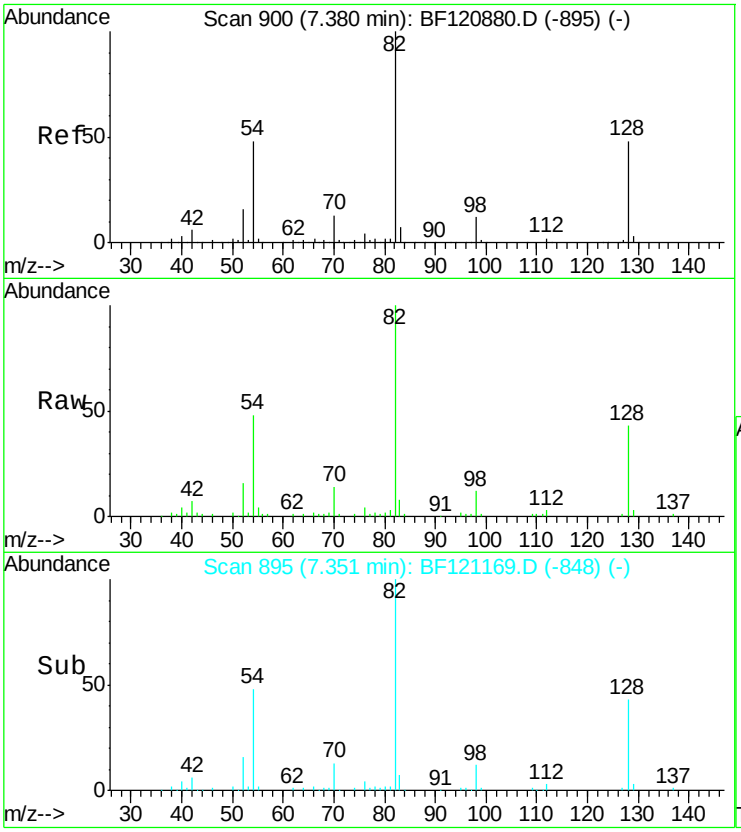


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:136 Resp: 465369

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.0	6.1	9.1
68	6.1	5.0	7.6



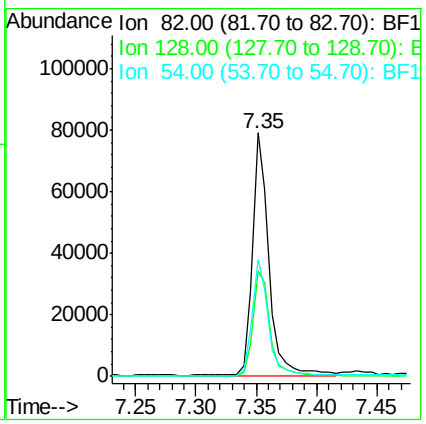


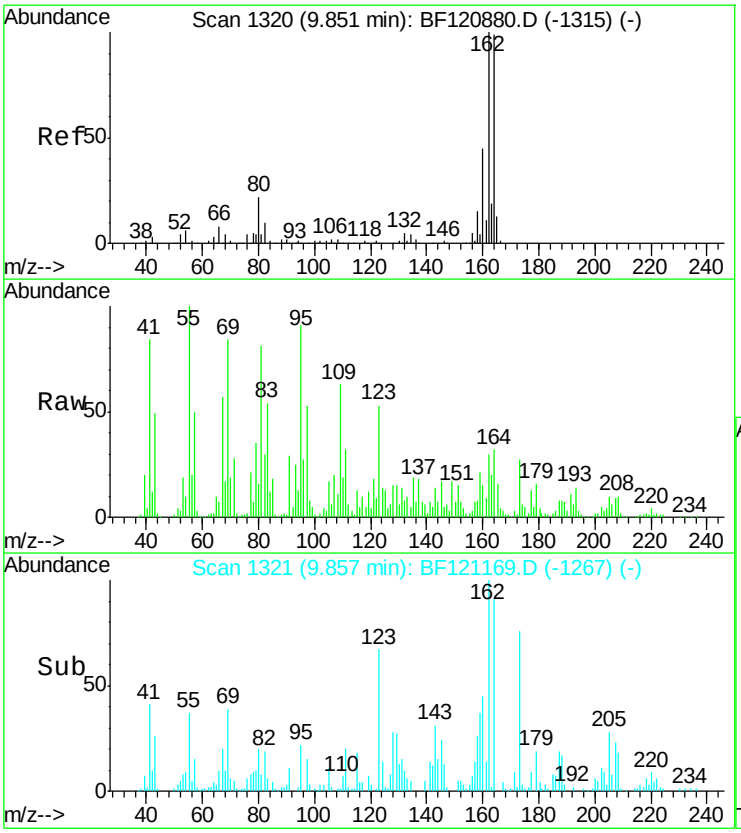
#23
Nitrobenzene-d5
Concen: 9.592 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion: 82 Resp: 77146

Ion	Ratio	Lower	Upper
82	100		
128	43.1	39.2	58.8
54	48.2	37.8	56.8

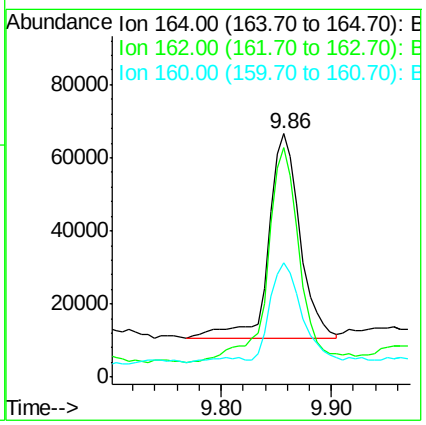


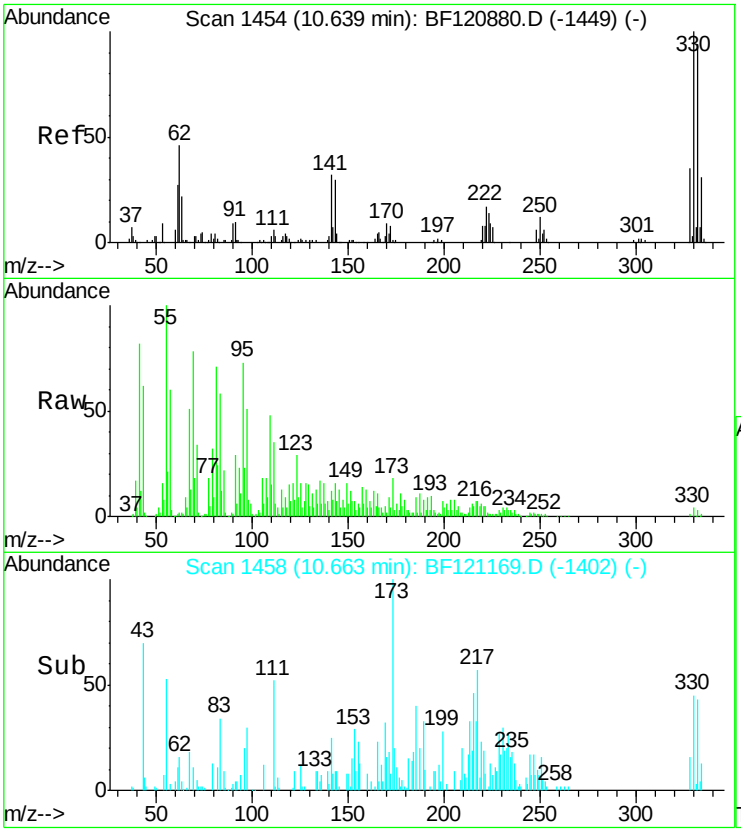


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:164 Resp: 109677

Ion	Ratio	Lower	Upper
164	100		
162	94.1	82.2	123.2
160	46.8	37.2	55.8



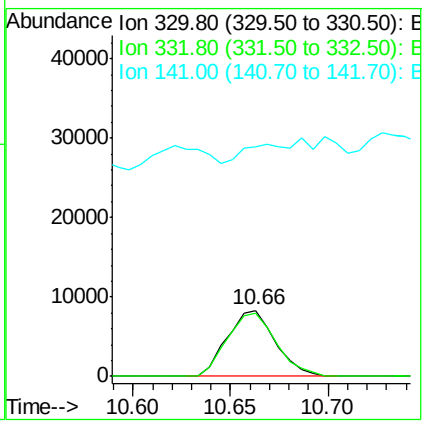


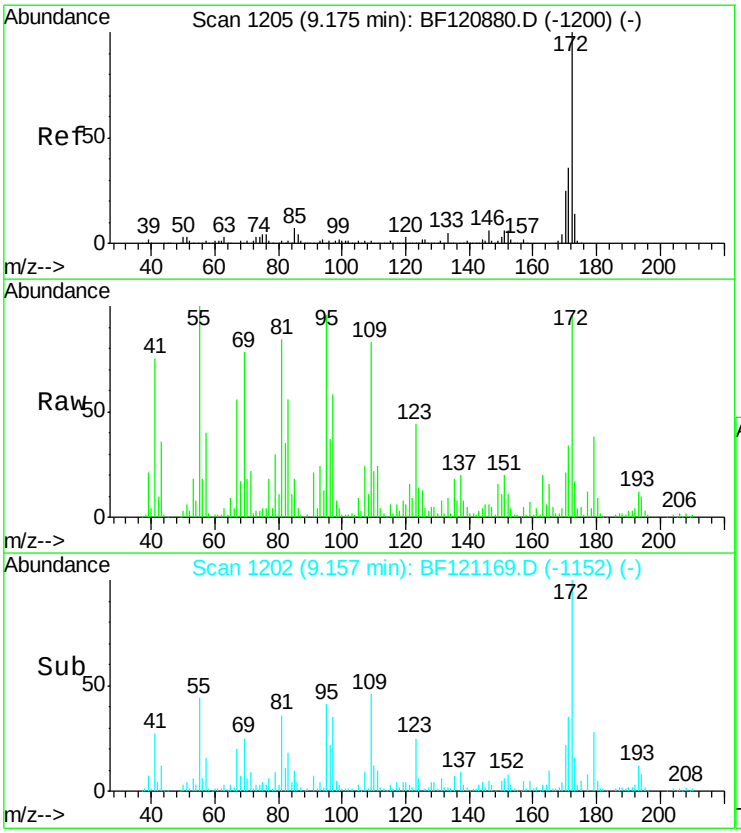
#42
2,4,6-Tribromophenol
Concen: 11.793 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.03 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:330 Resp: 14158

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.1	114.1
141	0.0	24.1	36.1#

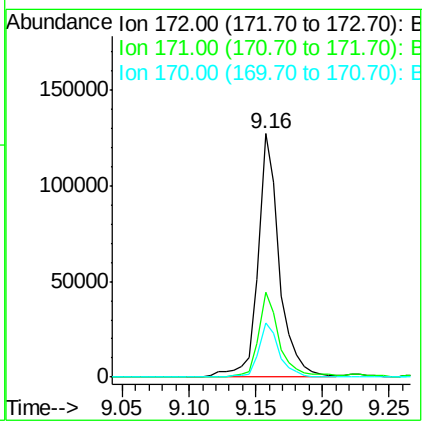


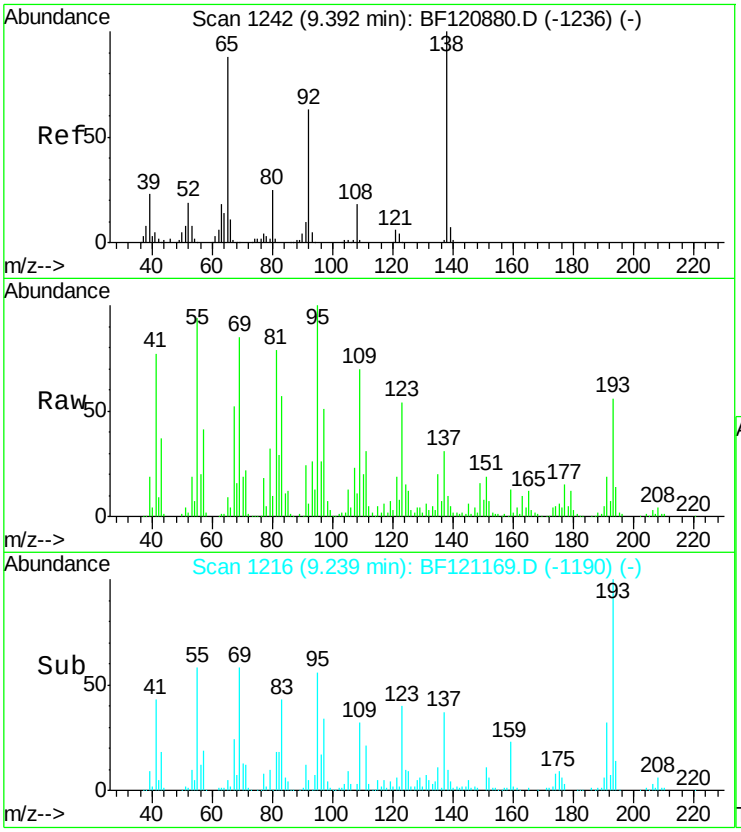


#45
2-Fluorobiphenyl
Concen: 18.971 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:172 Resp: 139357

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	22.1	19.6	29.4



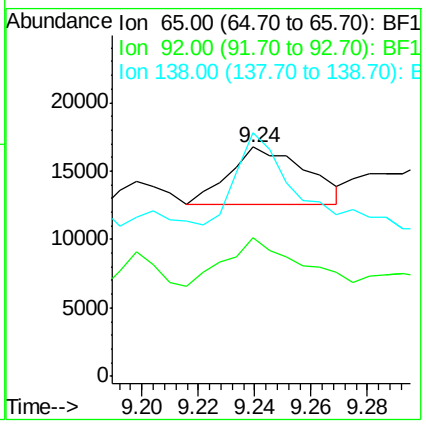


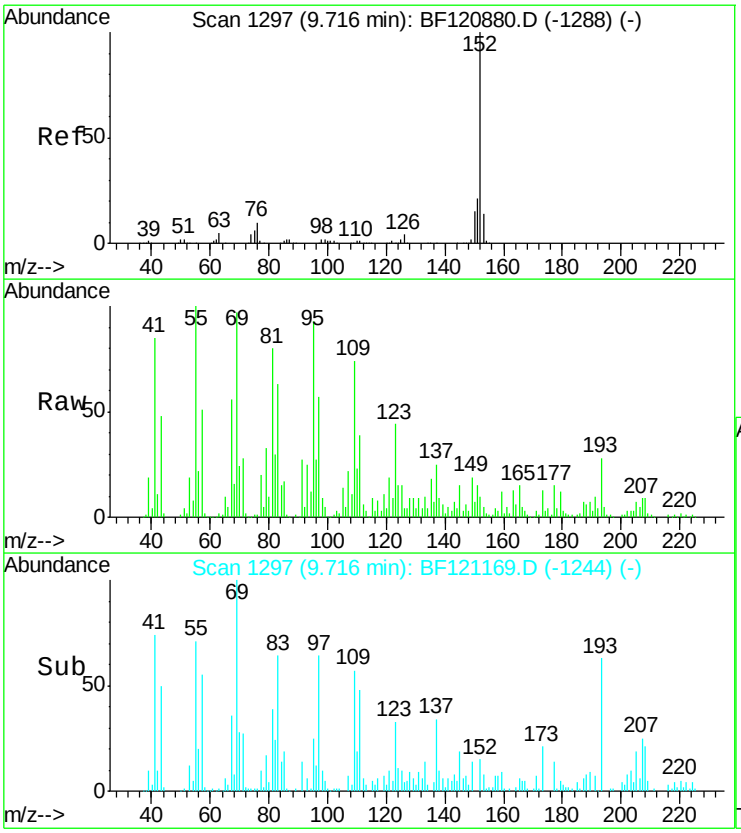
#48
2-Nitroaniline
Concen: 3.800 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.15 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion: 65 Resp: 7833

Ion	Ratio	Lower	Upper
65	100		
92	60.8	58.0	87.0
138	106.3	93.3	139.9

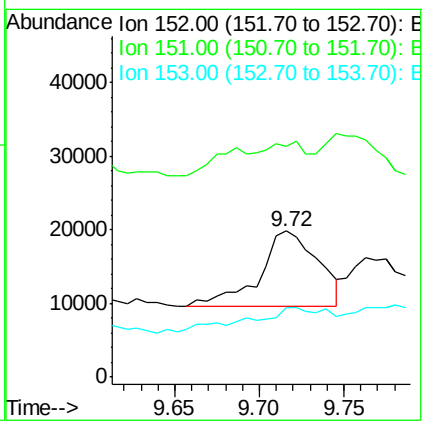


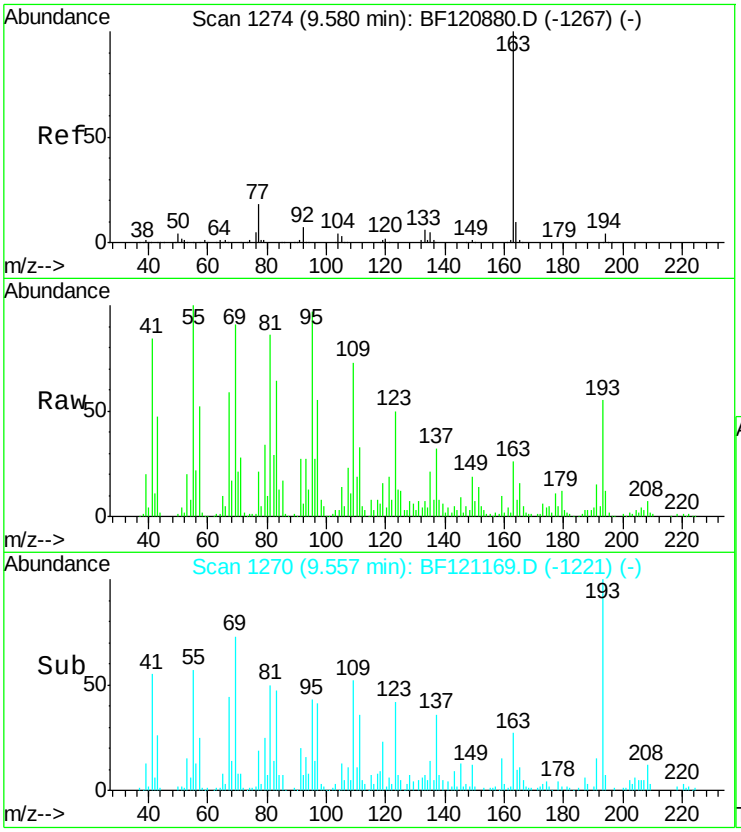


#49
Acenaphthylene
Concen: 2.321 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:152 Resp: 24593

Ion	Ratio	Lower	Upper
152	100		
151	158.8	16.6	25.0#
153	47.7	11.0	16.4#



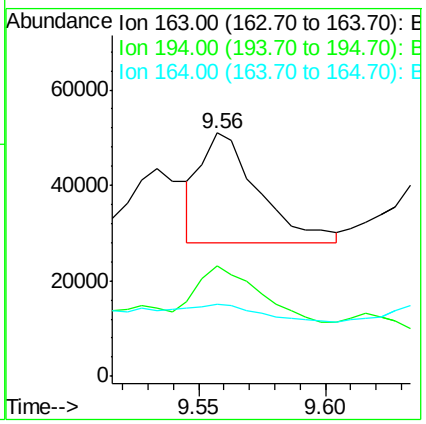


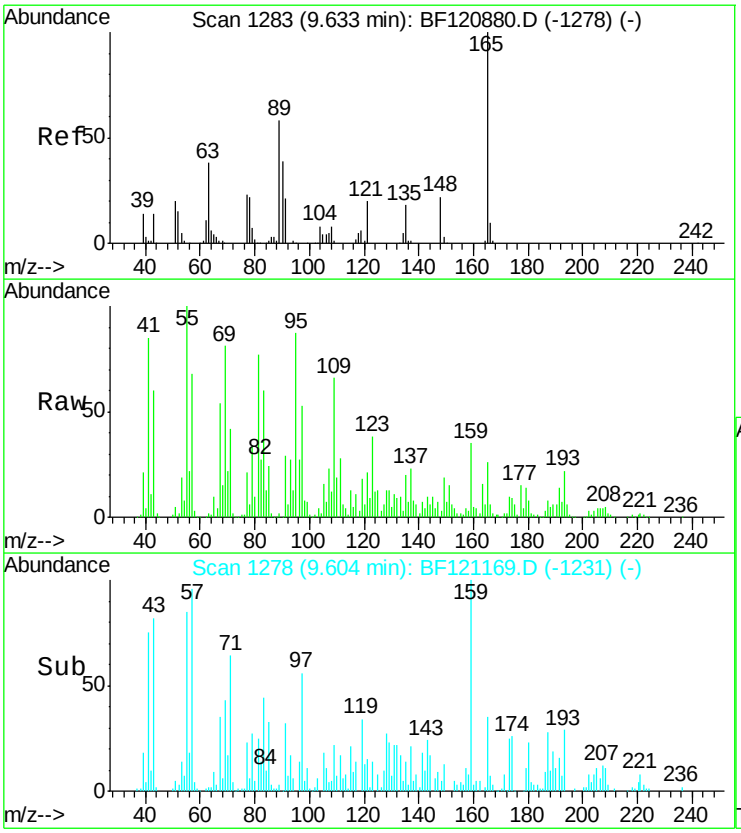
#50
Dimethylphthalate
Concen: 4.599 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:163 Resp: 36391

Ion	Ratio	Lower	Upper
163	100		
194	45.2	3.0	4.4#
164	29.8	8.4	12.6#

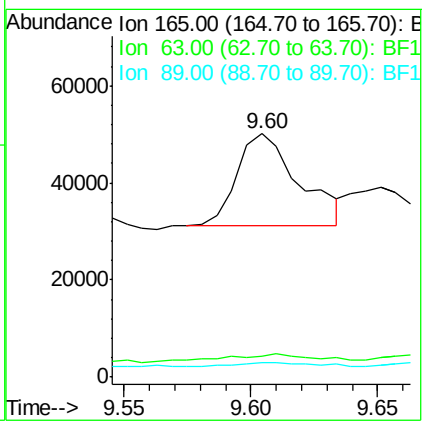


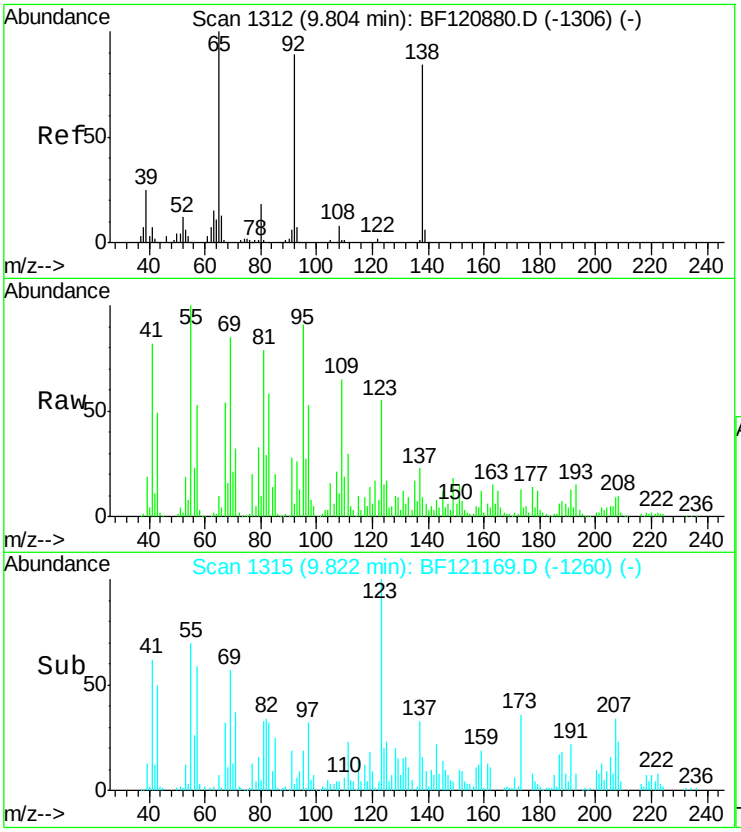


#51
2,6-Dinitrotoluene
Concen: 18.871 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:165 Resp: 32080

Ion	Ratio	Lower	Upper
165	100		
63	8.7	41.1	61.7#
89	6.1	43.5	65.3#



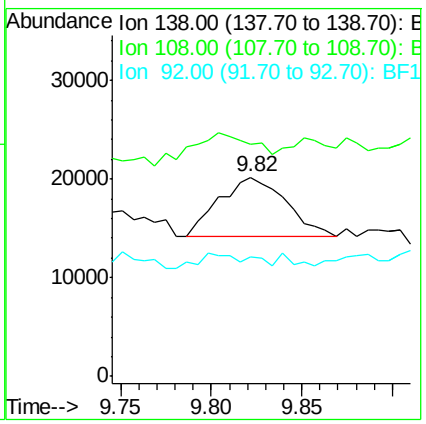


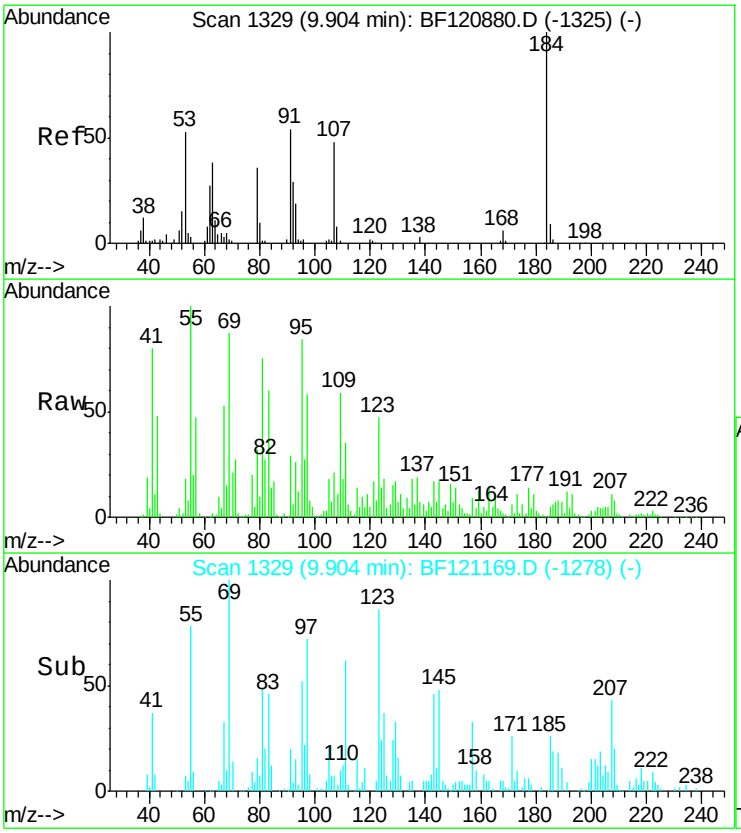
#53
3-Nitroaniline
Concen: 7.310 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:138 Resp: 15585

Ion	Ratio	Lower	Upper
138	100		
108	116.5	7.8	11.8#
92	60.0	85.0	127.4#

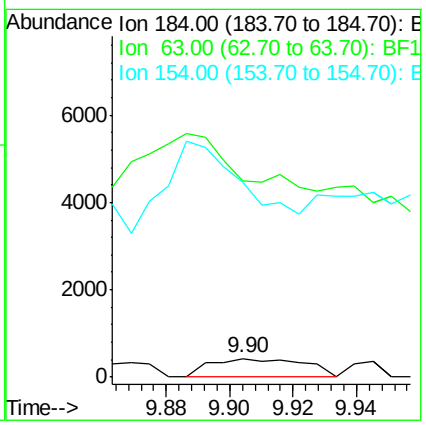


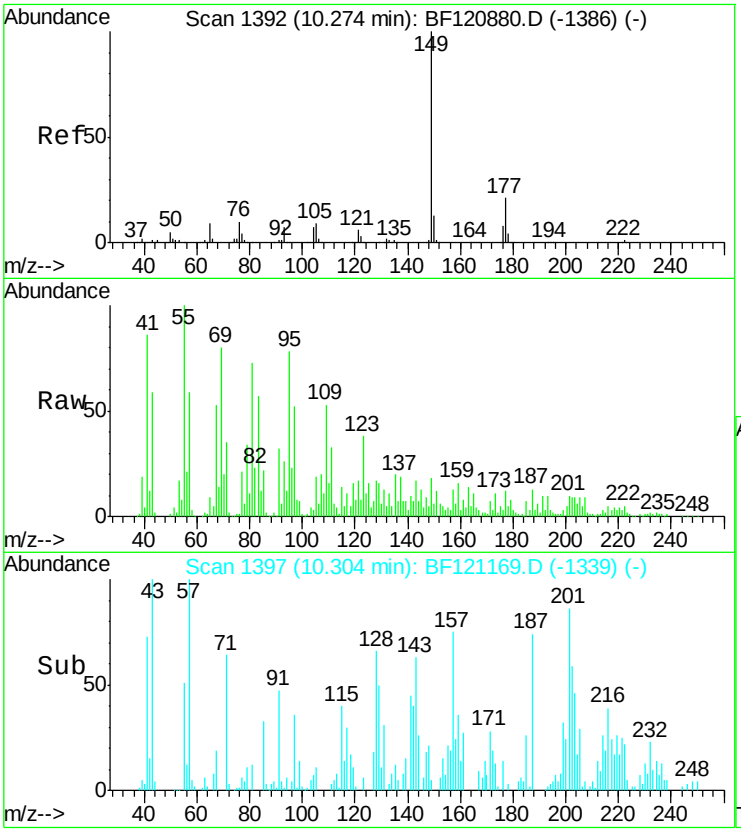


#54
2,4-Dinitrophenol
Concen: 7.657 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:184 Resp: 881

Ion	Ratio	Lower	Upper
184	100		
63	1053.0	42.5	63.7#
154	1044.4	46.8	70.2#



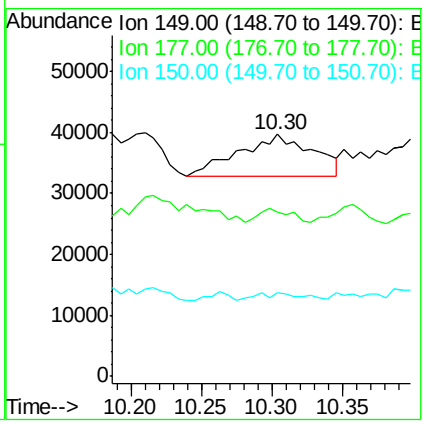


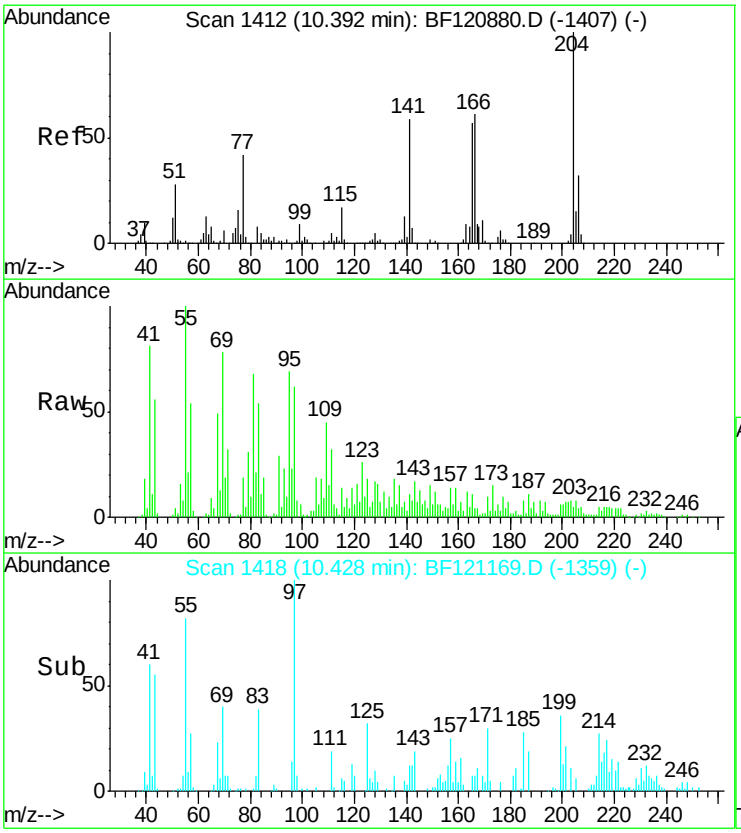
#60
Diethylphthalate
Concen: 3.150 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.04 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:149 Resp: 25214

Ion	Ratio	Lower	Upper
149	100		
177	68.1	17.6	26.4#
150	34.8	10.2	15.4#

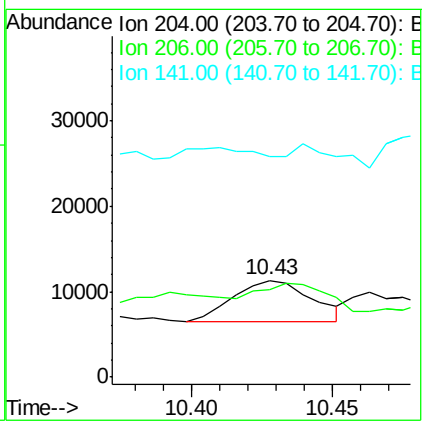


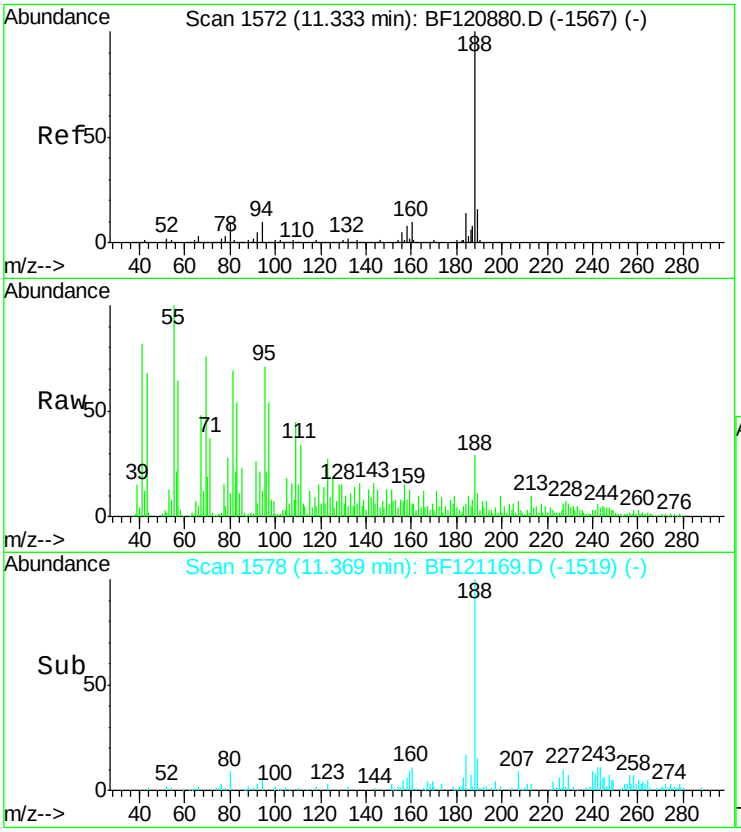


#61
4-Chlorophenyl-phenylether
Concen: 2.377 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.05 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:204 Resp: 9211

Ion	Ratio	Lower	Upper
204	100		
206	91.2	26.0	39.0#
141	228.8	46.9	70.3#



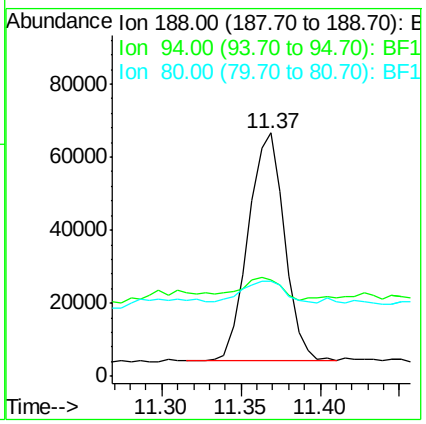


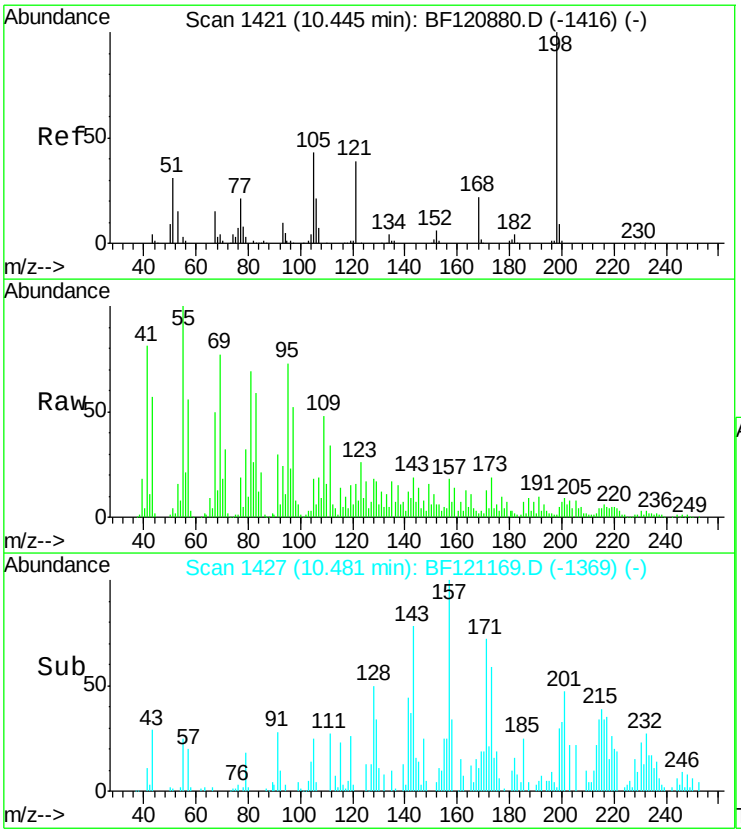
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.05 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:188 Resp: 99348

Ion	Ratio	Lower	Upper
188	100		
94	39.9	8.0	12.0#
80	39.1	8.3	12.5#

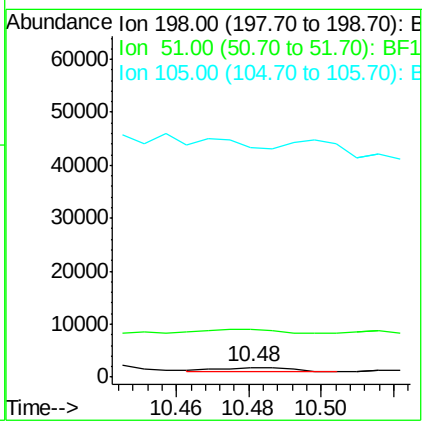


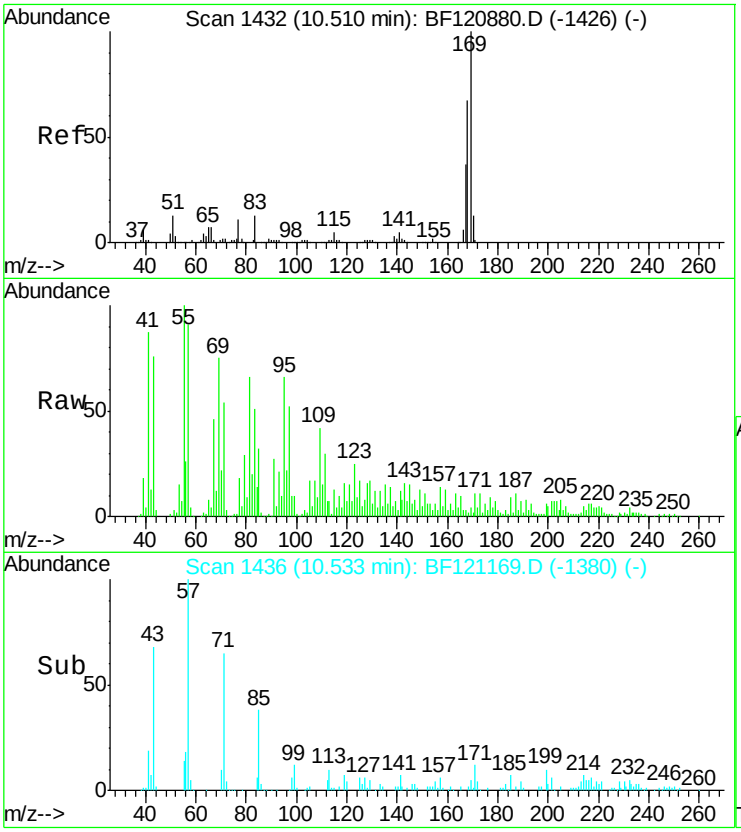


#65
4,6-Dinitro-2-methylphenol
Concen: 5.422 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.04 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:198 Resp: 987

Ion	Ratio	Lower	Upper
198	100		
51	501.8	23.4	63.4#
105	2437.9	23.7	63.7#



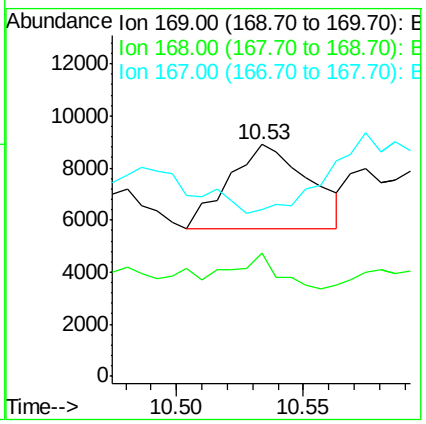


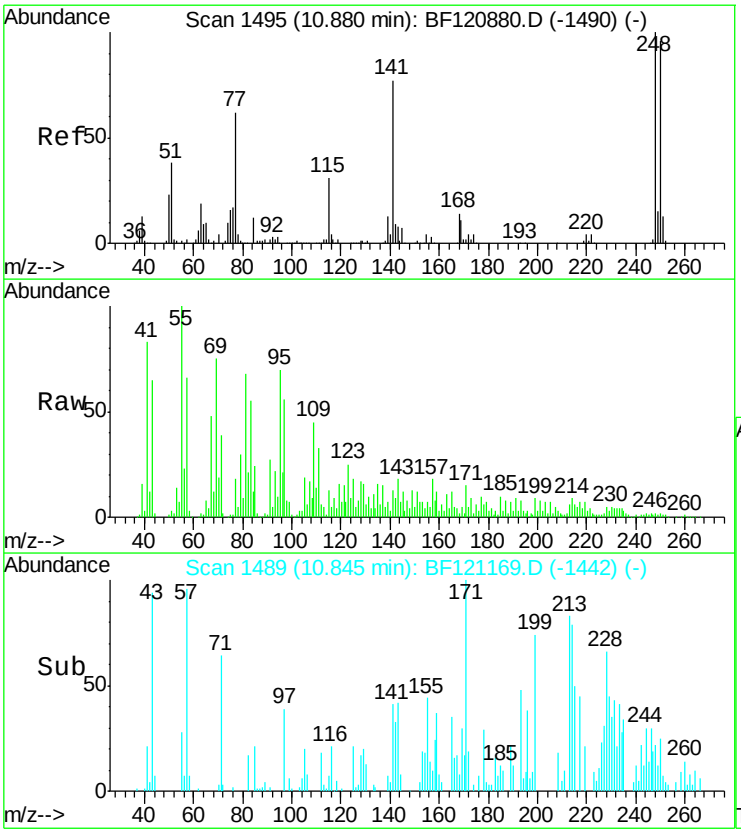
#66
n-Nitrosodiphenylamine
Concen: 2.260 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.03 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:169 Resp: 7063

Ion	Ratio	Lower	Upper
169	100		
168	53.0	53.7	80.5#
167	71.9	30.0	45.0#

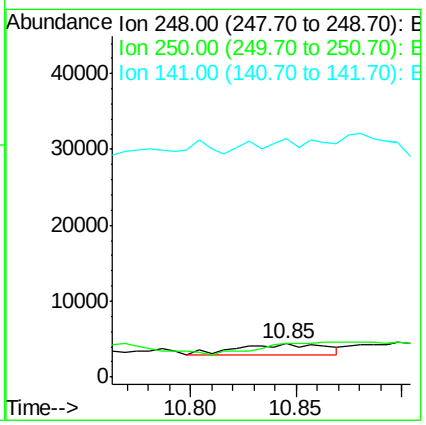


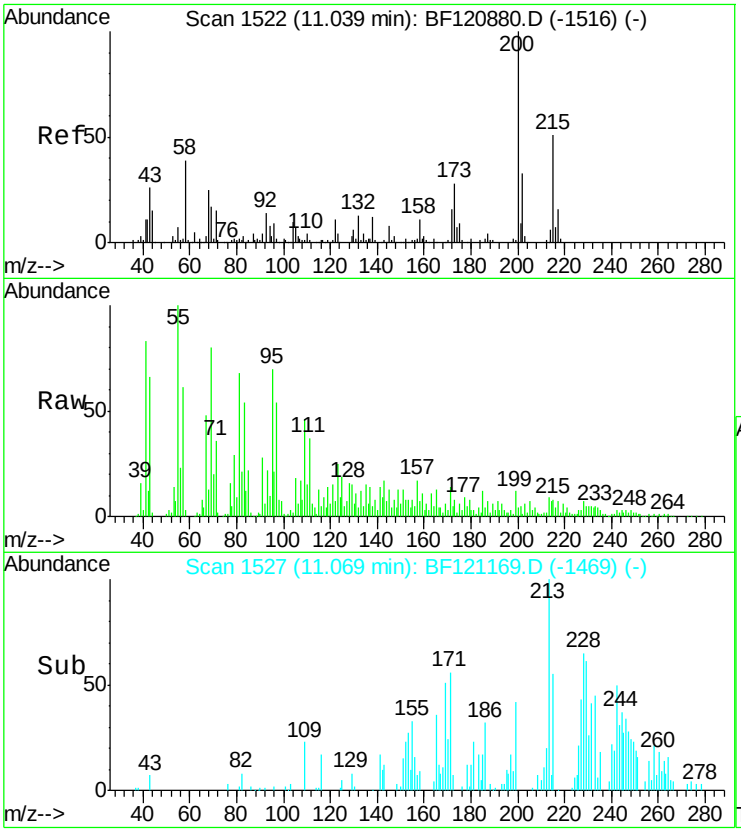


#67
4-Bromophenyl-phenylether
Concen: 3.813 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:248 Resp: 4223

Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.0	115.6
141	717.3	56.6	85.0#



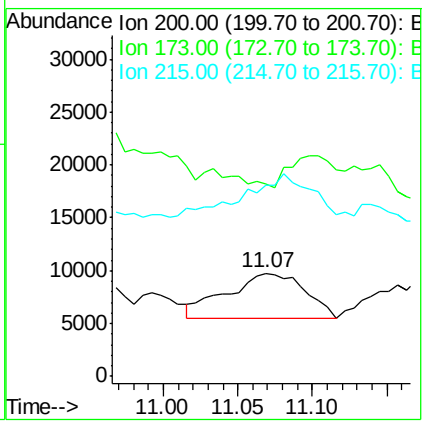


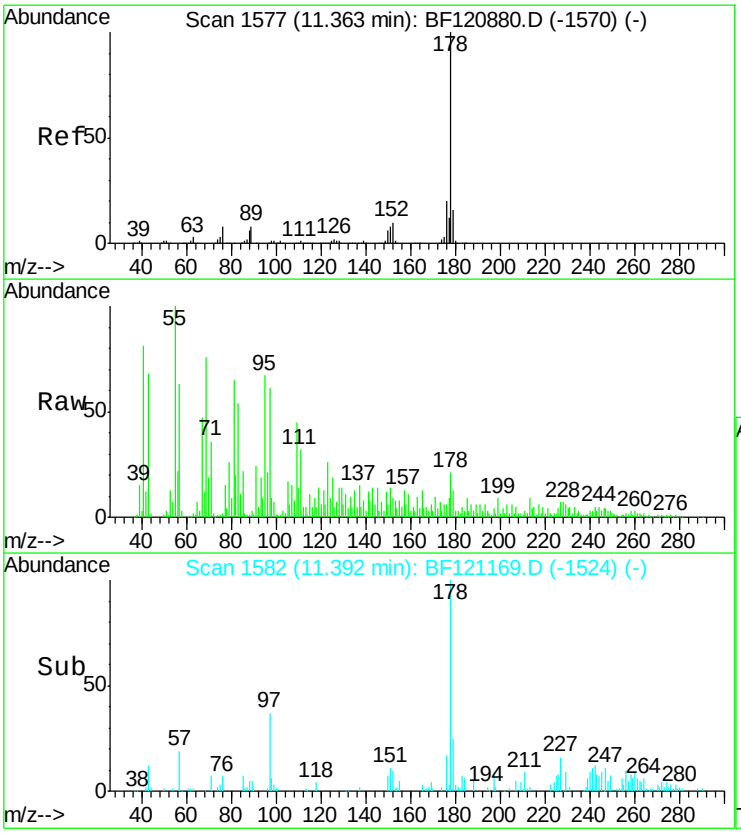
#69
Atrazine
Concen: 19.720 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.04 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:200 Resp: 15263

Ion	Ratio	Lower	Upper
200	100		
173	186.7	7.6	47.6#
215	185.4	28.8	68.8#

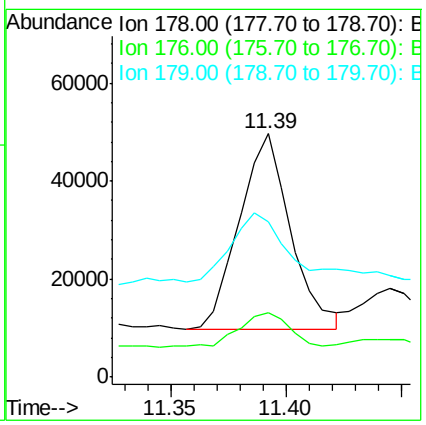


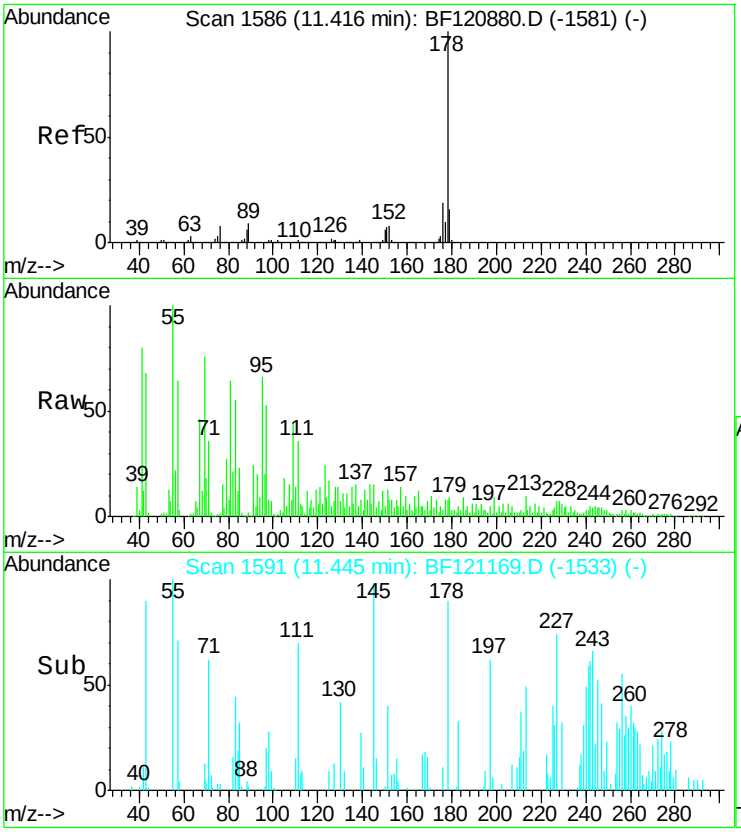


#71
Phenanthrene
Concen: 12.035 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.04 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:178 Resp: 61495

Ion	Ratio	Lower	Upper
178	100		
176	26.6	16.2	24.2#
179	64.0	12.6	19.0#



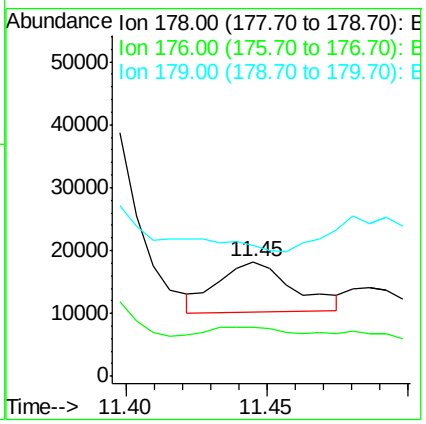


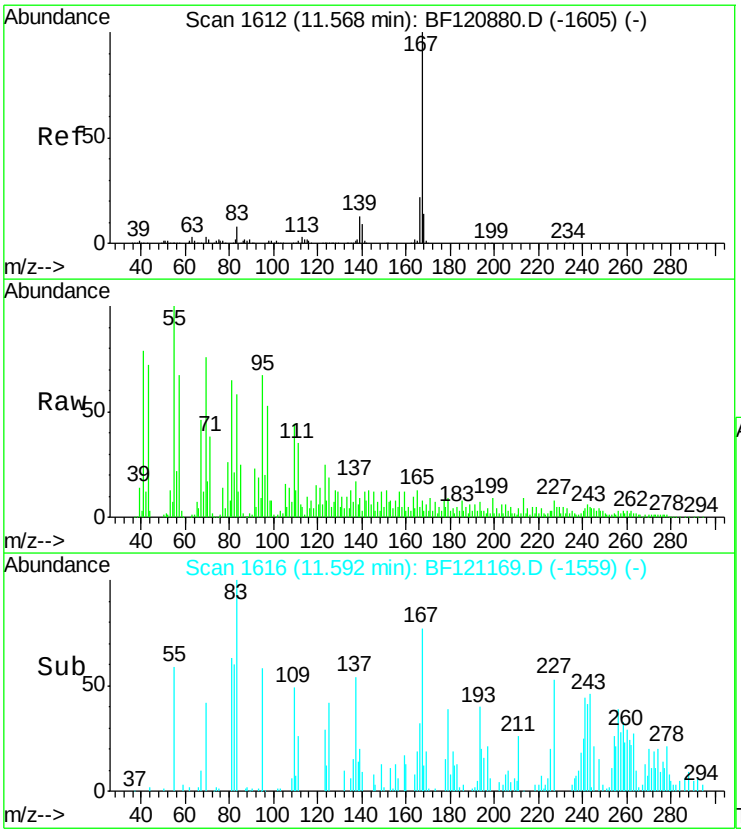
#72
Anthracene
Concen: 2.896 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.04 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:178 Resp: 14856

Ion	Ratio	Lower	Upper
178	100		
176	42.8	15.8	23.8#
179	114.3	12.6	19.0#

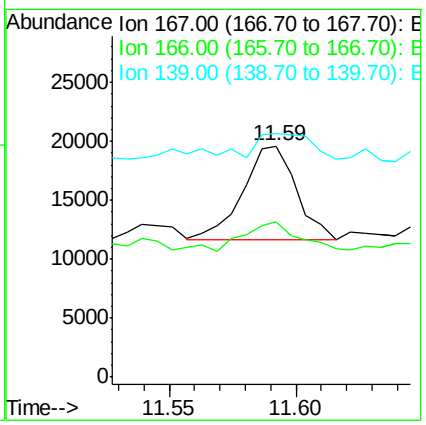


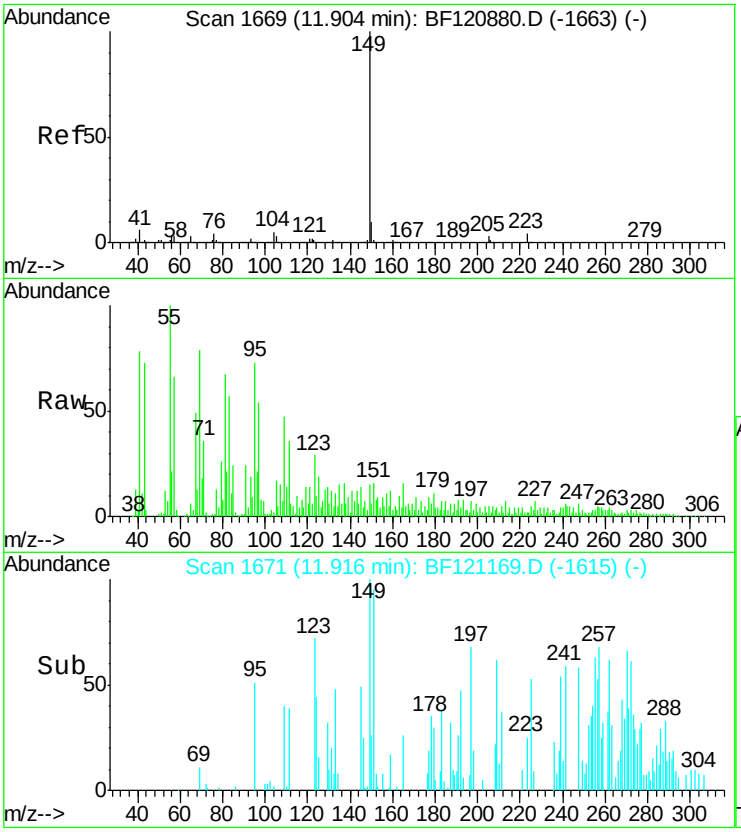


#73
Carbazole
Concen: 2.277 ng
RT: 11.59 min Scan# 1616
Delta R.T. 0.04 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:167 Resp: 11595

Ion	Ratio	Lower	Upper
167	100		
166	67.2	17.5	26.3#
139	105.3	10.5	15.7#



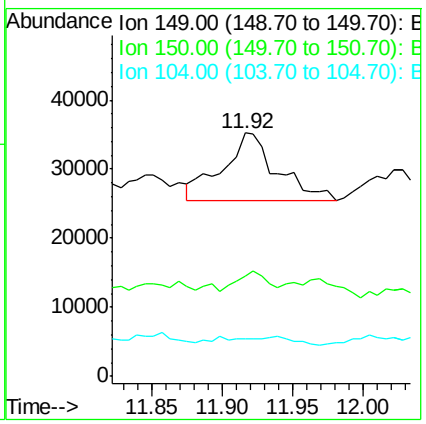


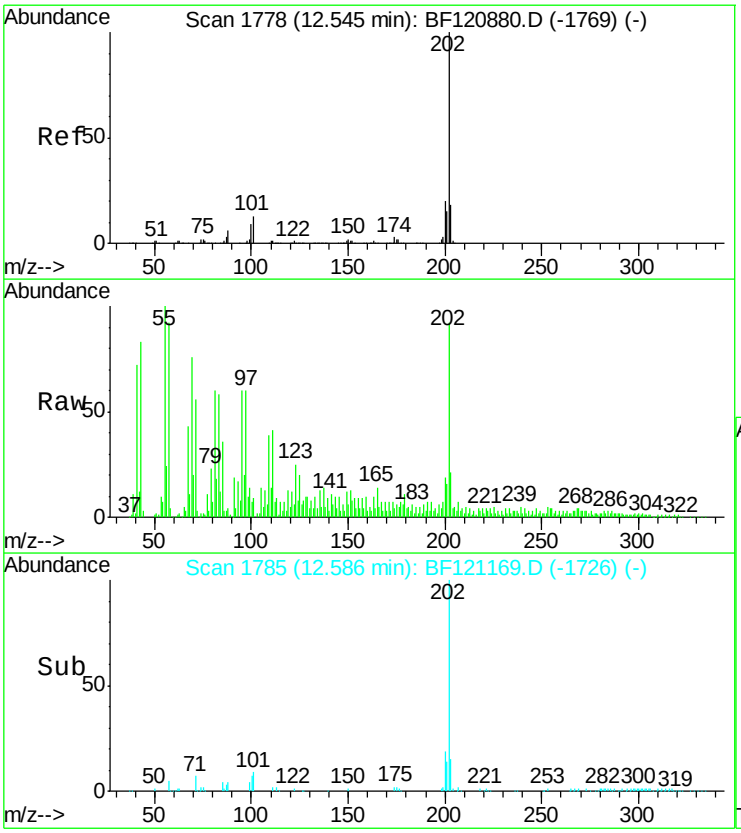
#74
Di-n-butylphthalate
Concen: 4.489 ng
RT: 11.92 min Scan# 1671
Delta R.T. 0.03 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:149 Resp: 26379

Ion	Ratio	Lower	Upper
149	100		
150	41.2	7.8	11.8#
104	15.2	3.9	5.9#

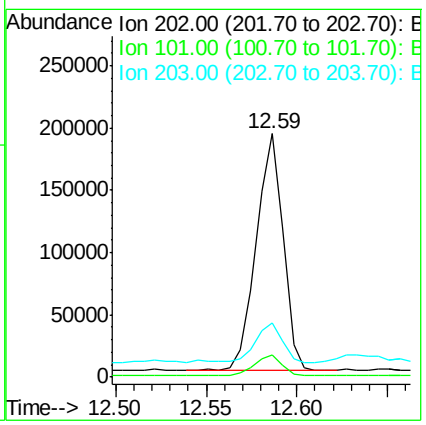


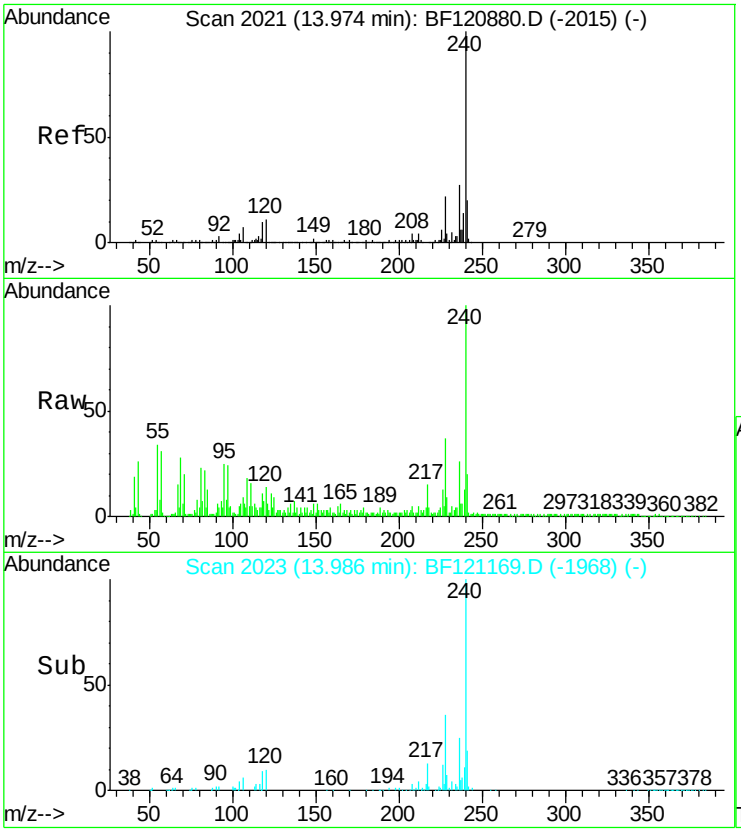


#75
Fluoranthene
Concen: 34.742 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.05 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:202 Resp: 196761

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.5
203	22.5	0.0	37.7



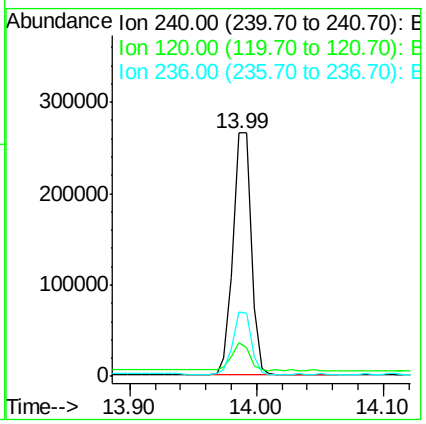


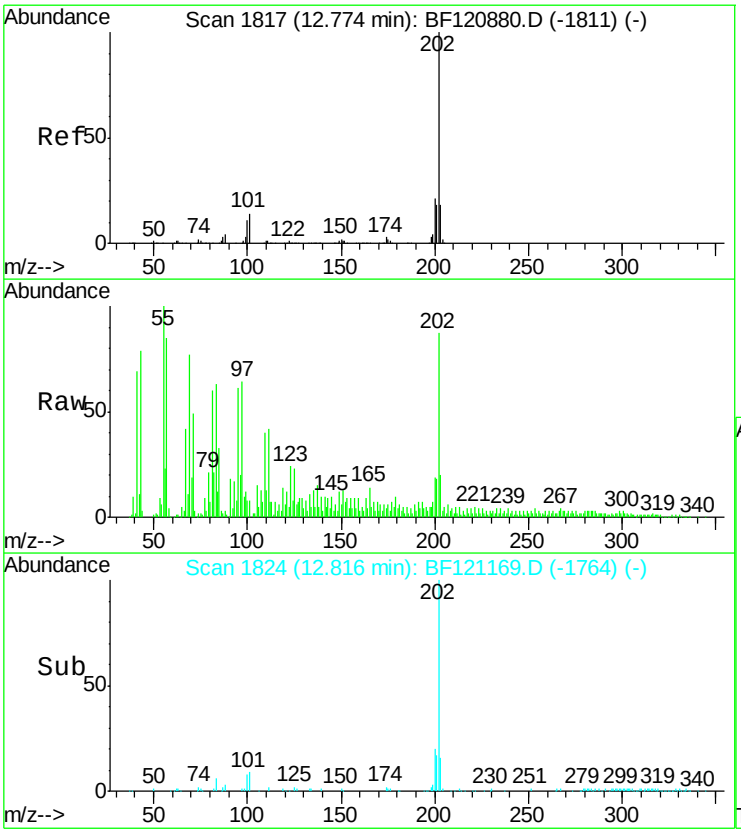
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:240 Resp: 262799

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.3	13.9#
236	26.2	21.1	31.7

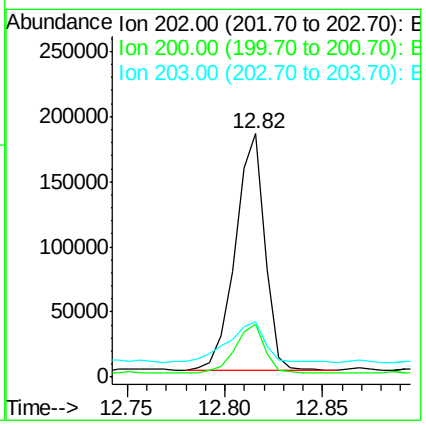


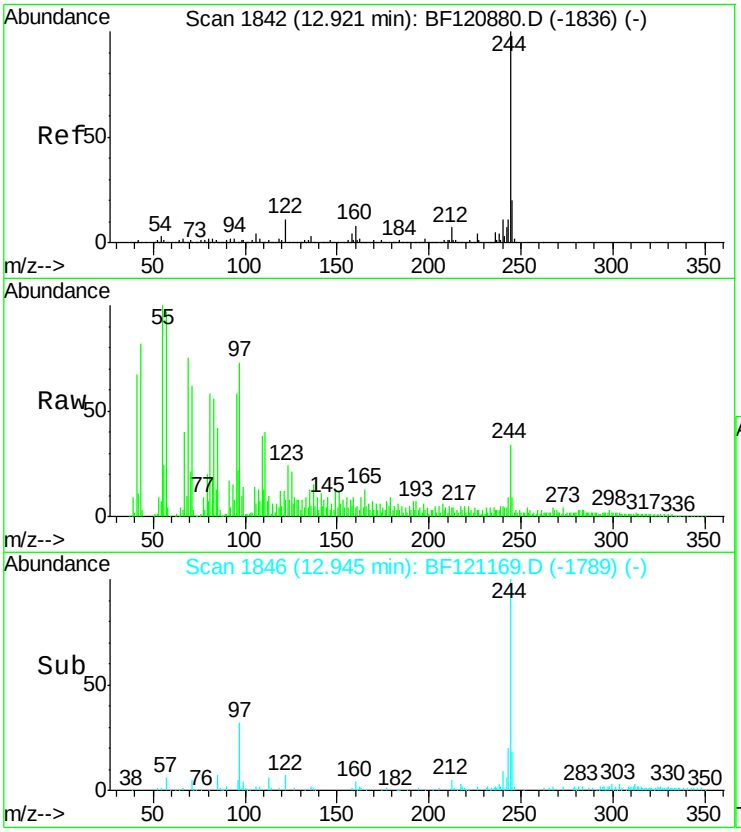


#78
Pyrene
Concen: 10.176 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.05 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:202 Resp: 189070

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.6
203	22.9	14.6	21.8#



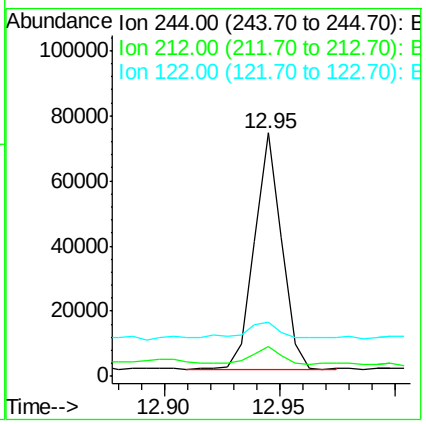


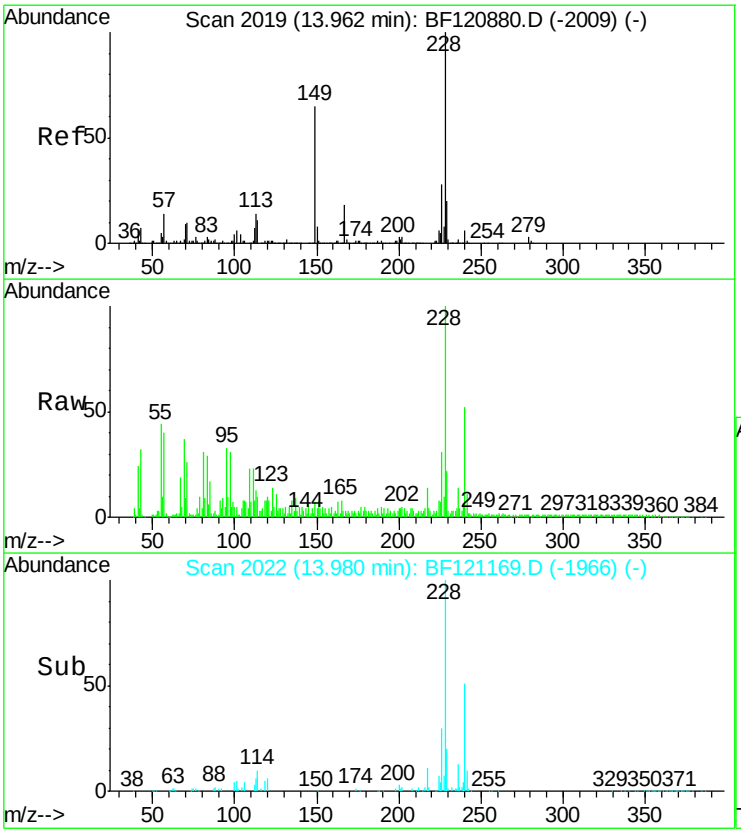
#79
Terphenyl-d14
Concen: 4.938 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.04 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:244 Resp: 59699

Ion	Ratio	Lower	Upper
244	100		
212	12.0	5.7	8.5#
122	22.4	8.3	12.5#

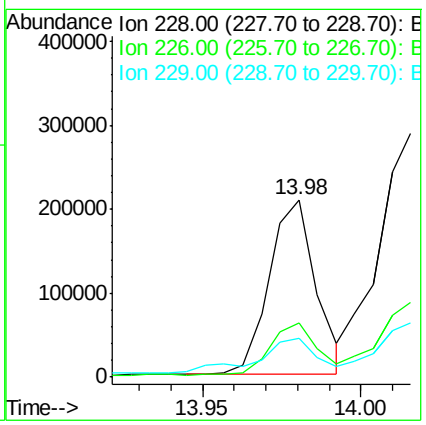


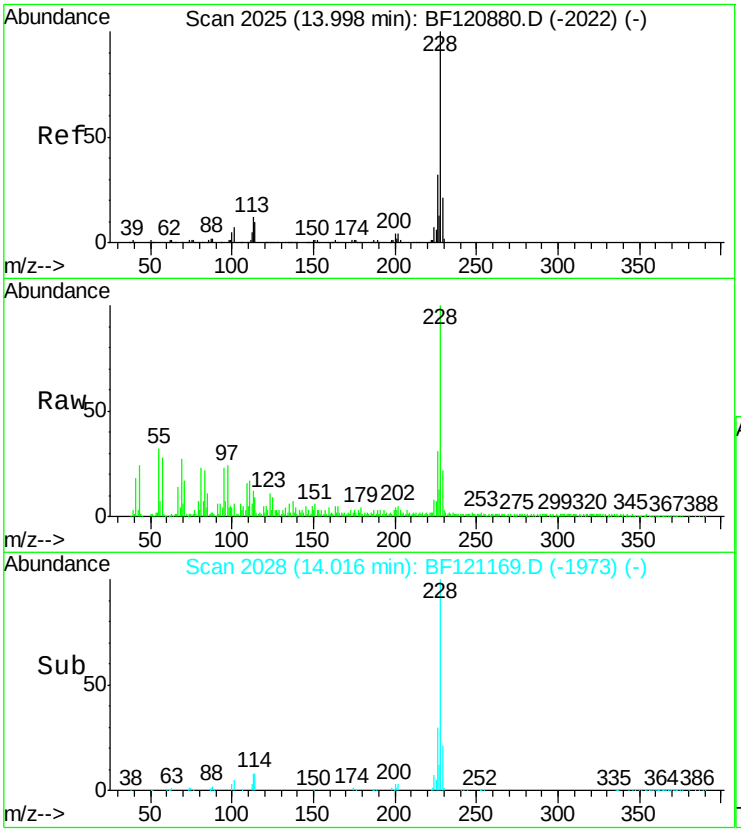


#81
Benzo(a)anthracene
Concen: 13.464 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.03 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:228 Resp: 214257

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	34.0
229	22.0	16.1	24.1



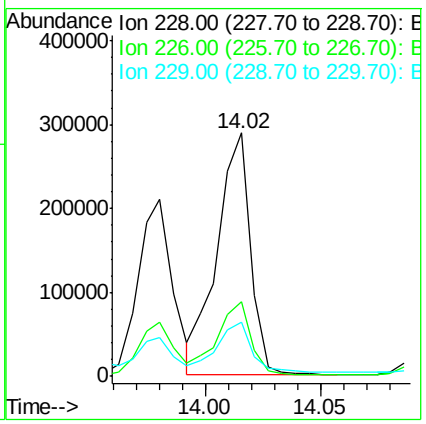


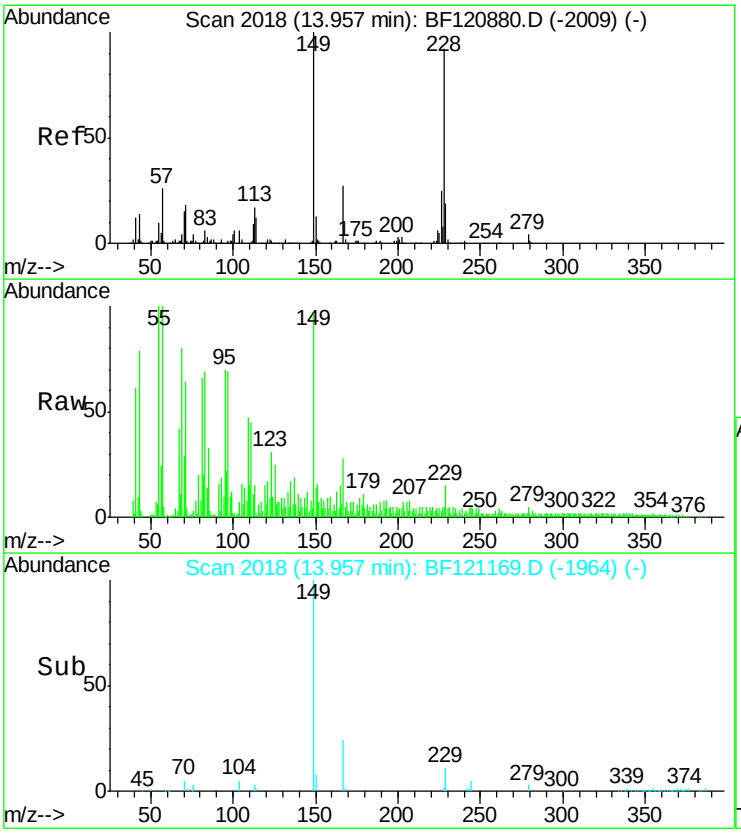
#83
Chrysene
Concen: 17.254 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:228 Resp: 288550

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	22.4	16.2	24.4

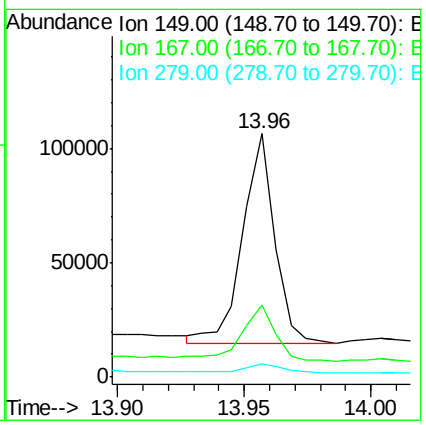


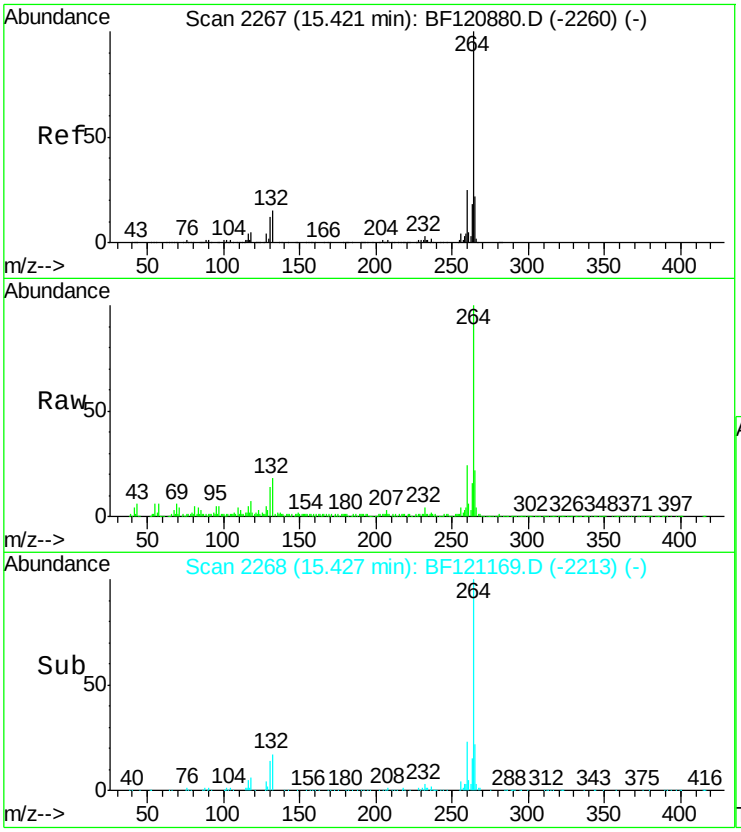


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.823 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:149 Resp: 79903

Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.8	32.6
279	5.6	2.9	4.3#



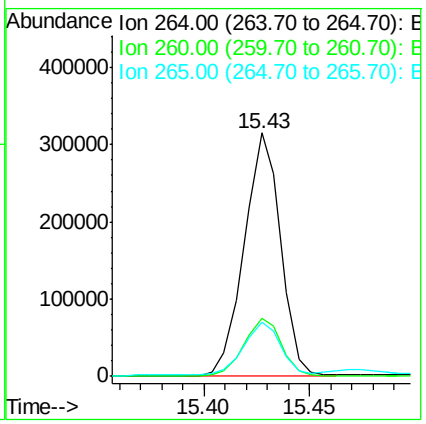


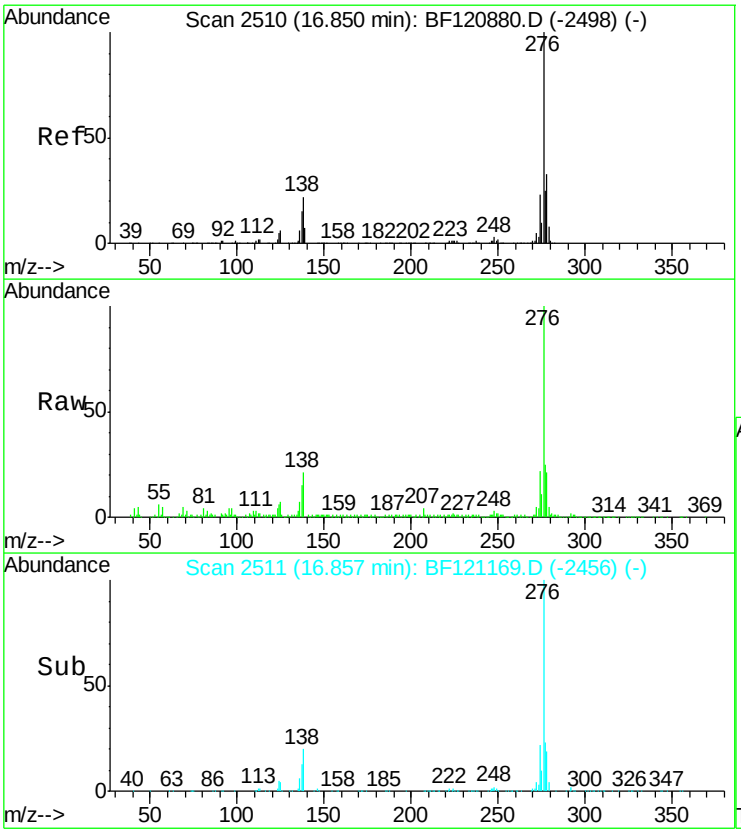
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:264 Resp: 374799

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.9	29.9
265	22.3	17.8	26.8

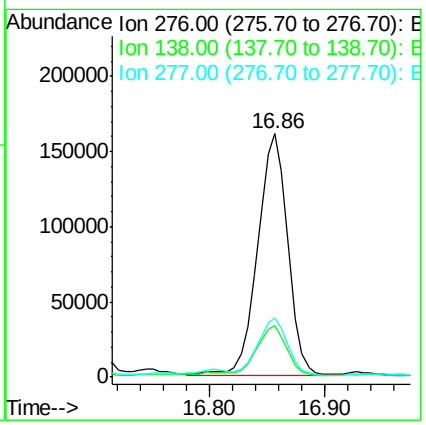


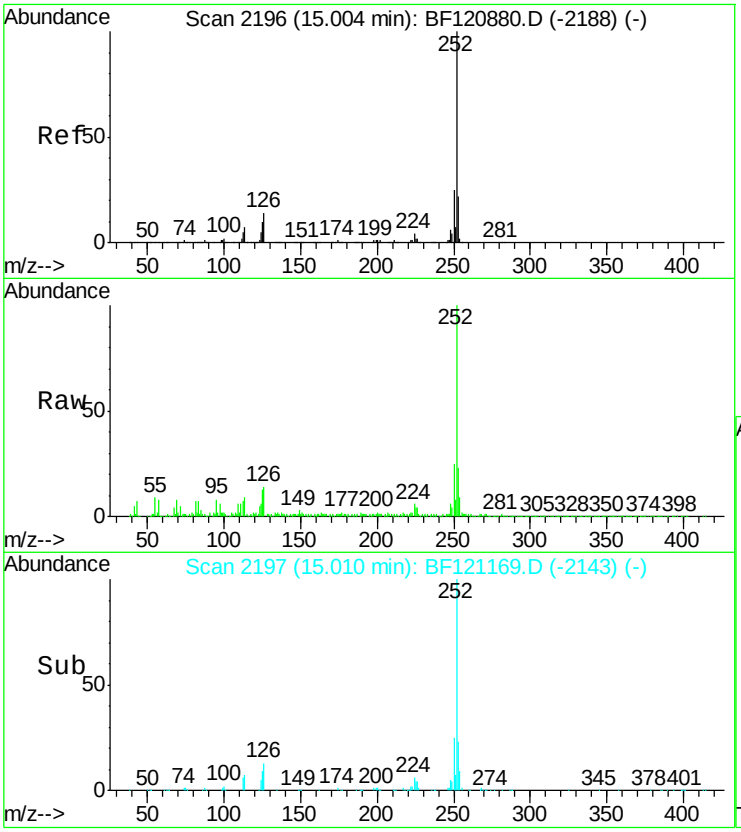


#87
Indeno(1,2,3-cd)pyrene
Concen: 11.257 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:276 Resp: 293432

Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.3	28.9
277	23.4	20.1	30.1



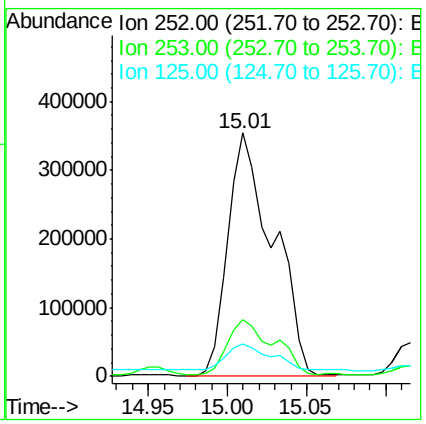


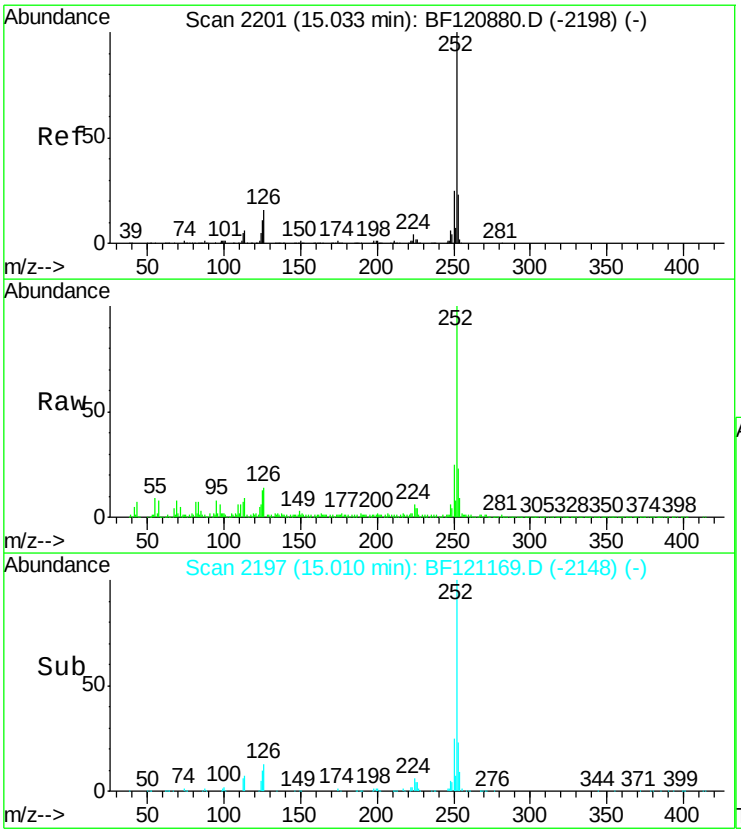
#88
Benzo(b)fluoranthene
Concen: 30.622 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:252 Resp: 693751

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.4	8.1	12.1#

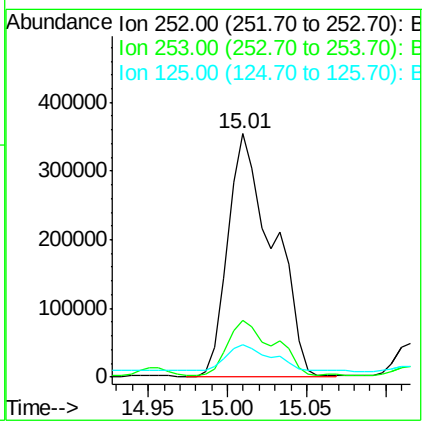


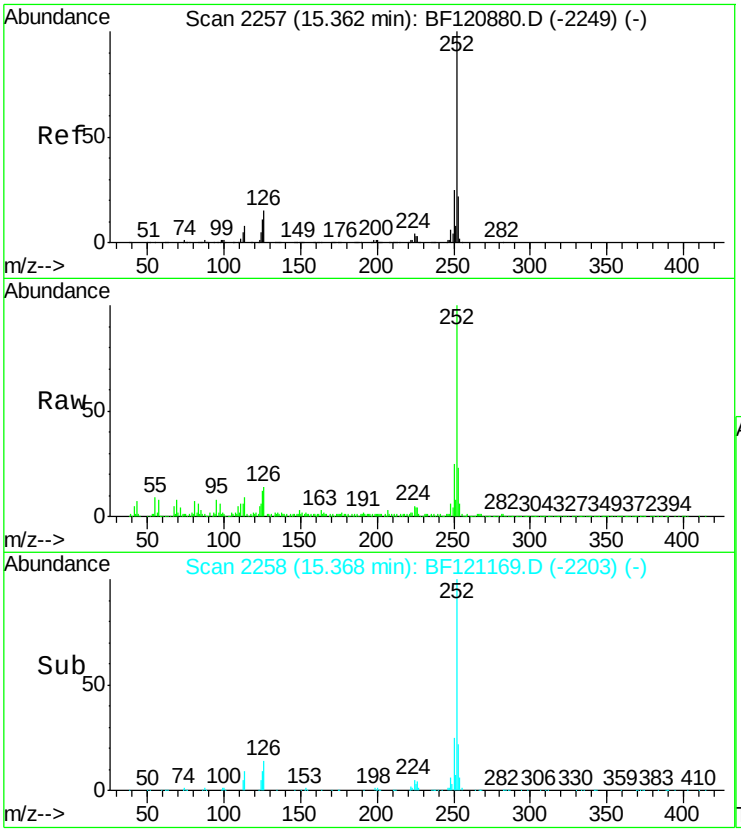


#89
Benzo(k)fluoranthene
Concen: 33.577 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:252 Resp: 693751

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	13.4	8.0	12.0#



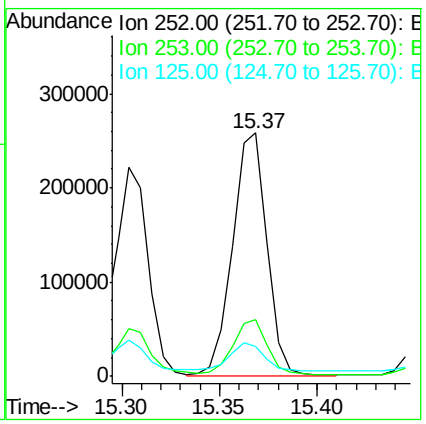


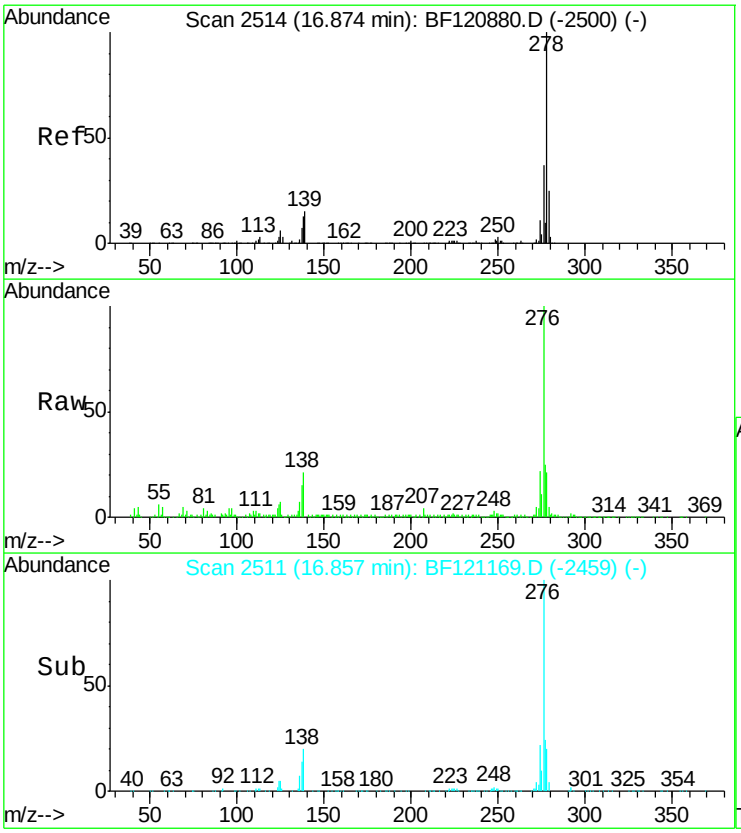
#90
Benzo(a)pyrene
Concen: 15.112 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.02 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:252 Resp: 312362

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.2	9.5	14.3

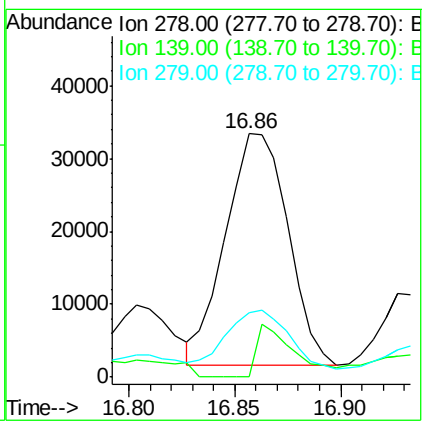


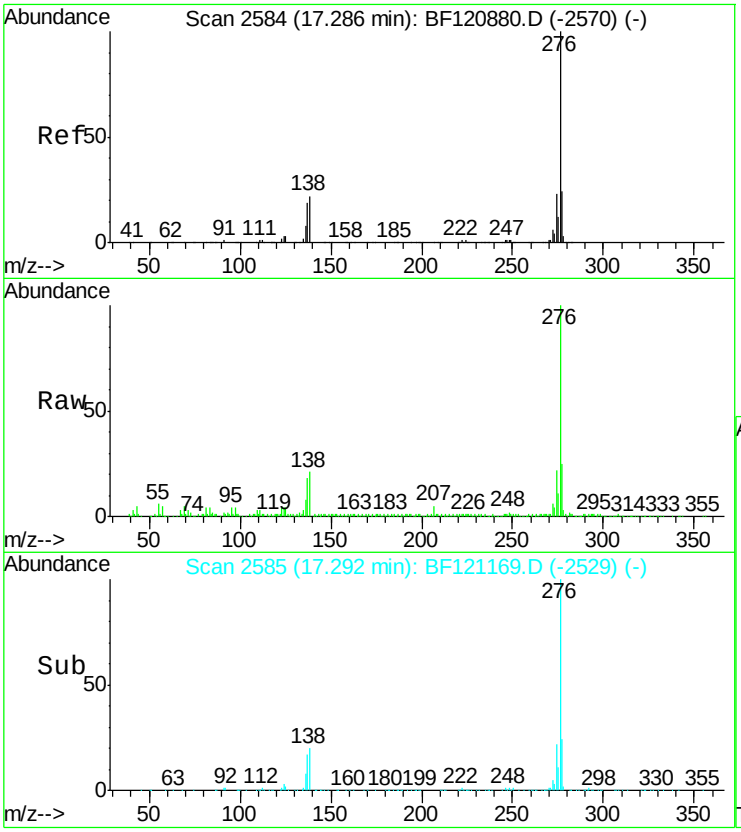


#91
Dibenzo(a,h)anthracene
Concen: 3.067 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Tgt Ion:278 Resp: 65296

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.6	18.8#
279	26.3	19.5	29.3





#92
Benzo(g,h,i)perylene
Concen: 12.915 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121169.D
Acq: 31 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-VNJ-213

Tgt Ion:276 Resp: 271128

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	20.5	17.2	25.8