Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116672.D
Acq On : 31 Aug 2019 1:31
Operator : HP/JU
Sample : K4577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 03:43:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96127	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	384045	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	198448	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	342769	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	287537	20.00	ng	0.00
87) Perylene-d12	15.44	264	295879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	214269	36.11	ng	-0.01
7) Phenol-d6	6.46	99	182464	23.42	ng	-0.02
23) Nitrobenzene-d5	7.40	82	573415	85.24	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	125938	94.93	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	941703	80.05	ng	0.00
79) Terphenyl-d14	12.94	244	1046384	67.32	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.39	79	138	0.017	ng	# 29
4) n-Nitrosodimethylamine	3.31	42	126	0.046	ng	# 1
6) Aniline	6.47	93	516	0.048	ng	# 1
9) Benzaldehyde	6.47	77	576	0.112	ng	# 2
10) Phenol	6.47	94	23105	2.678	ng	92
11) bis(2-Chloroethyl)ether	6.61	93	650	0.097	ng	# 1
15) Benzyl Alcohol	7.00	79	9697	1.533	ng	# 55
16) 2,2'-oxybis(1-Chloropropan	7.26	45	129	0.016	ng	62
19) n-Nitroso-di-n-propylamine	7.40	70	76206	14.855	ng	# 75
22) Acetophenone	7.25	105	265	0.029	ng	# 14
24) Nitrobenzene	7.40	77	1815	0.265	ng	# 38
25) Isophorone	7.40	82	571290	41.908	ng	# 66
27) 2,4-Dimethylphenol	7.80	122	408	0.079	ng	# 1
28) bis(2-Chloroethoxy)methane	7.87	93	128	0.015	ng	# 1
31) Naphthalene	8.26	128	120	0.007	ng	# 69
32) Benzoic acid	7.80	122	408	0.141	ng	# 54
35) Caprolactam	8.50	113	584	0.316	ng	# 63
38) 1-Methylnaphthalene	9.20	142	432	0.038	ng	# 55
46) 1,1'-Biphenyl	9.30	154	1569	0.104	ng	76
47) 2-Chloronaphthalene	9.59	162	1085	0.091	ng	# 1
48) 2-Nitroaniline	9.57	65	1353	0.392	ng	# 3
49) Acenaphthylene	9.75	152	116	0.006	ng	# 61
50) Dimethylphthalate	9.59	163	152600	11.138	ng	98
51) 2,6-Dinitrotoluene	9.59	165	1755	0.671	ng	# 1
52) Acenaphthene	9.88	154	753	0.068	ng	# 5
56) 4-Nitrophenol	9.99	139	174	0.077	ng	# 4
57) 2,4-Dinitrotoluene	9.88	165	25888	8.099	ng	# 19
58) Fluorene	10.66	166	6865	0.577	ng	# 86
60) Diethylphthalate	10.29	149	1136	0.083	ng	# 87
63) Azobenzene	10.58	77	713	0.050	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.66	198	206	7.589	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	4687	0.395	ng	# 38
67) 4-Bromophenyl-phenylether	10.66	248	8424	2.419	ng	# 1
71) Phenanthrene	11.38	178	937	0.049	ng	# 60

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116672.D
Acq On : 31 Aug 2019 1:31
Operator : HP/JU
Sample : K4577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 03:43:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Anthracene	11.43	178	355	0.018	ng	#	60
73) Carbazole	11.59	167	145	0.008	ng	#	58
74) Di-n-butylphthalate	11.92	149	1866	0.080	ng	#	79
75) Fluoranthene	12.57	202	522	0.028	ng		64
77) Benzidine	12.94	184	14716	1.305	ng	#	93
78) Pyrene	12.79	202	632	0.025	ng	#	61
80) Butylbenzylphthalate	13.42	149	1086	0.087	ng	#	2
81) Benzo(a)anthracene	13.99	228	1004	0.055	ng	#	37
83) Chrysene	14.02	228	324	0.017	ng	#	50
84) Bis(2-ethylhexyl)phthalate	13.98	149	2565	0.167	ng	#	91
85) Di-n-octyl phthalate	14.58	149	466	0.019	ng	#	1
88) Benzo(b)fluoranthene	15.02	252	106	0.006	ng	#	1
89) Benzo(k)fluoranthene	15.02	252	106	0.006	ng	#	1
90) Benzo(a)pyrene	15.44	252	977	0.063	ng	#	72

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
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Acq On : 31 Aug 2019 1:31
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Instrument :
BNA_F
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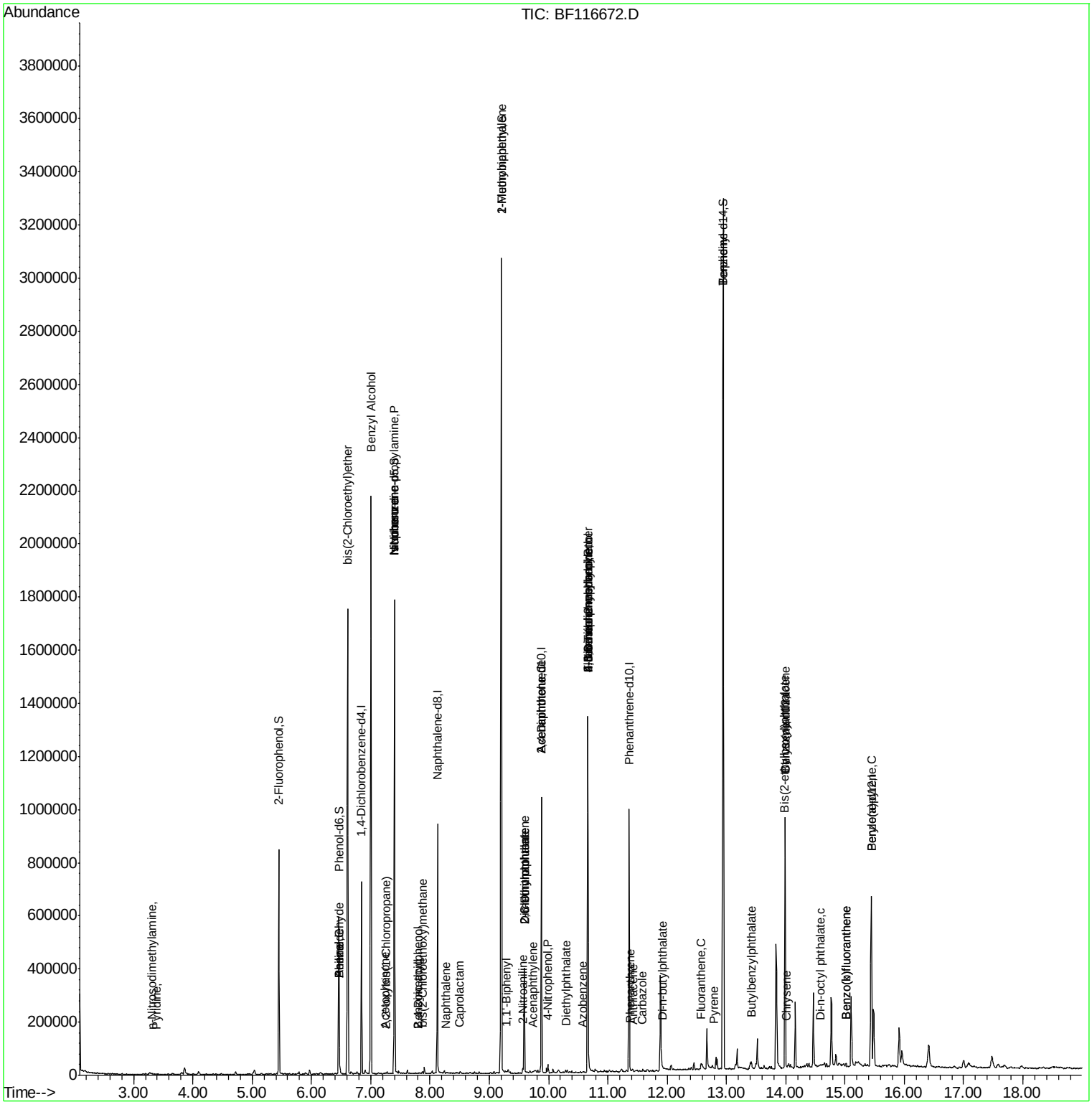
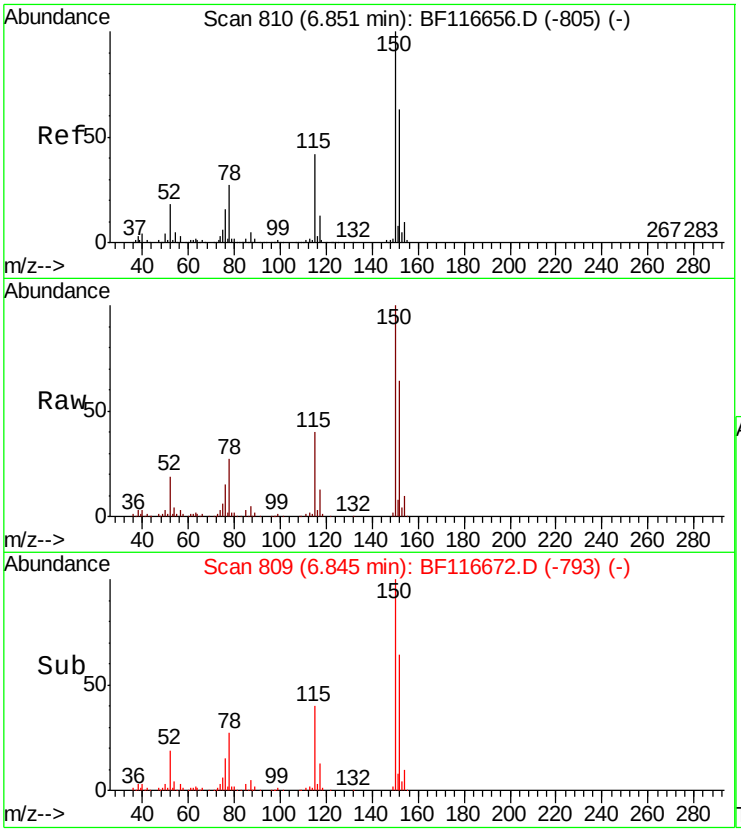
Quant Time: Aug 31 03:43:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



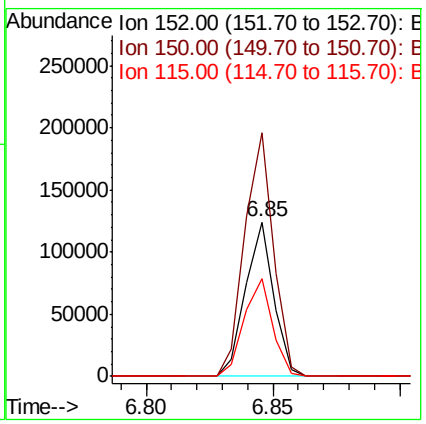


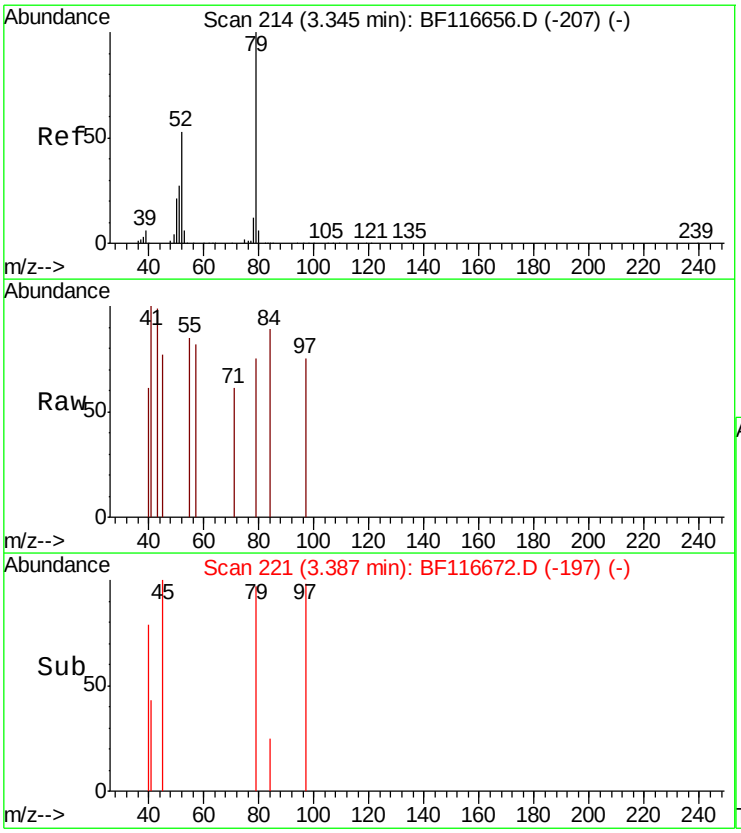
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 96127

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	63.5	49.9	74.9

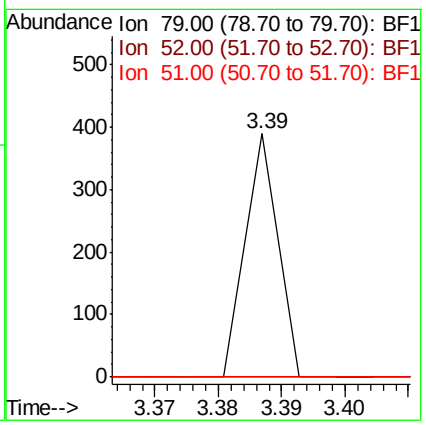


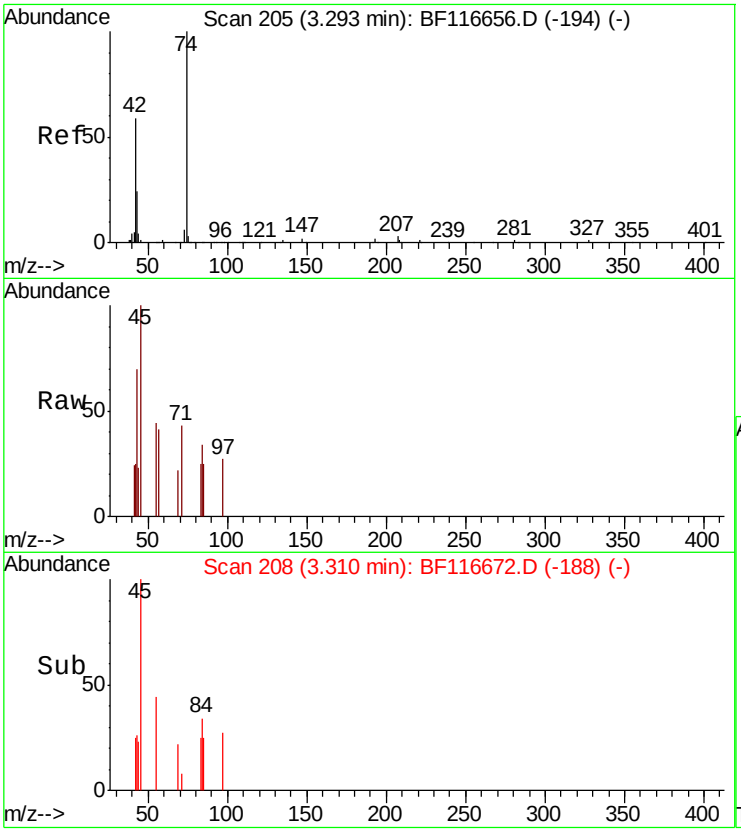


#3
Pyridine
Concen: 0.017 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.04 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion: 79 Resp: 138

Ion	Ratio	Lower	Upper
79	100		
52	0.0	47.4	71.0#
51	0.0	24.1	36.1#



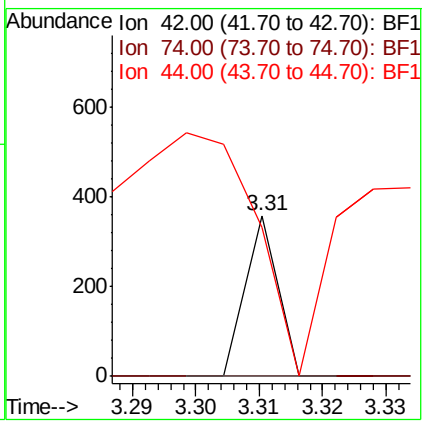


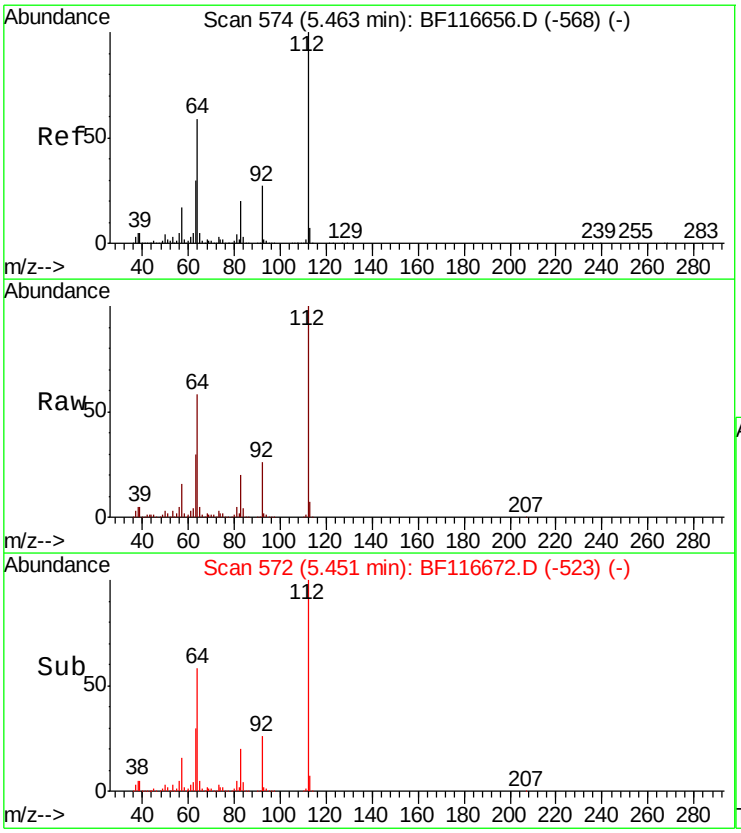
#4
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.02 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 126

Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.6	173.4#
44	92.5	4.6	7.0#

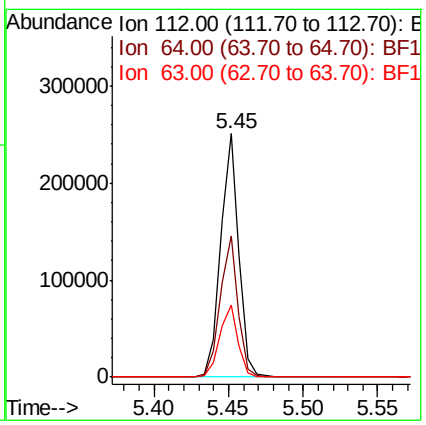


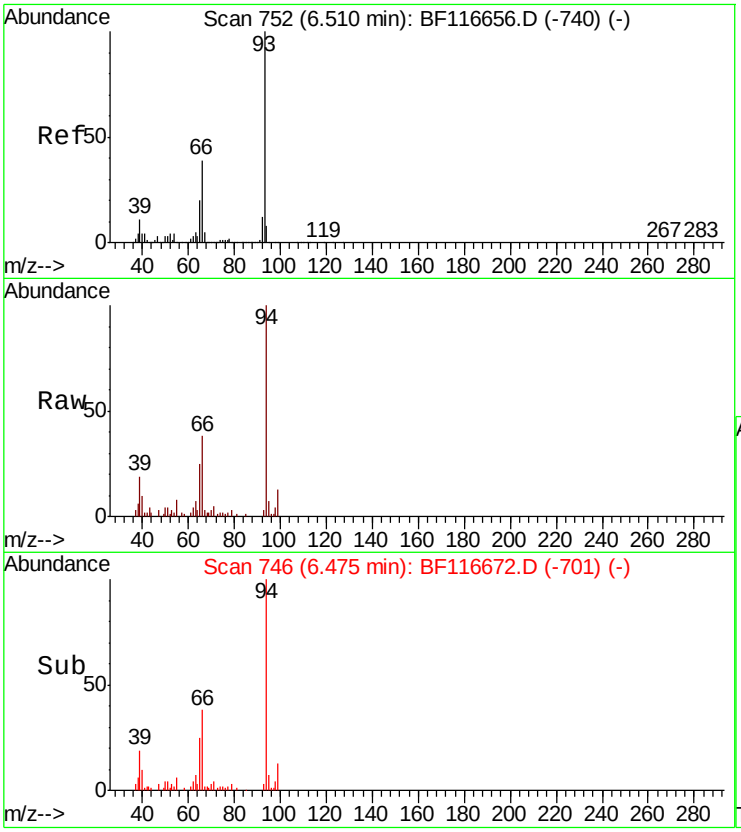


#5
2-Fluorophenol
Concen: 36.111 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:112 Resp: 214269

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.1	70.7
63	29.6	24.9	37.3



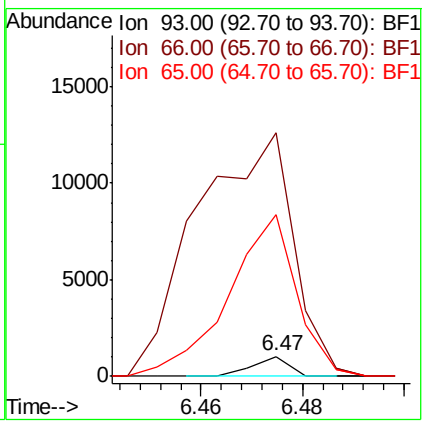


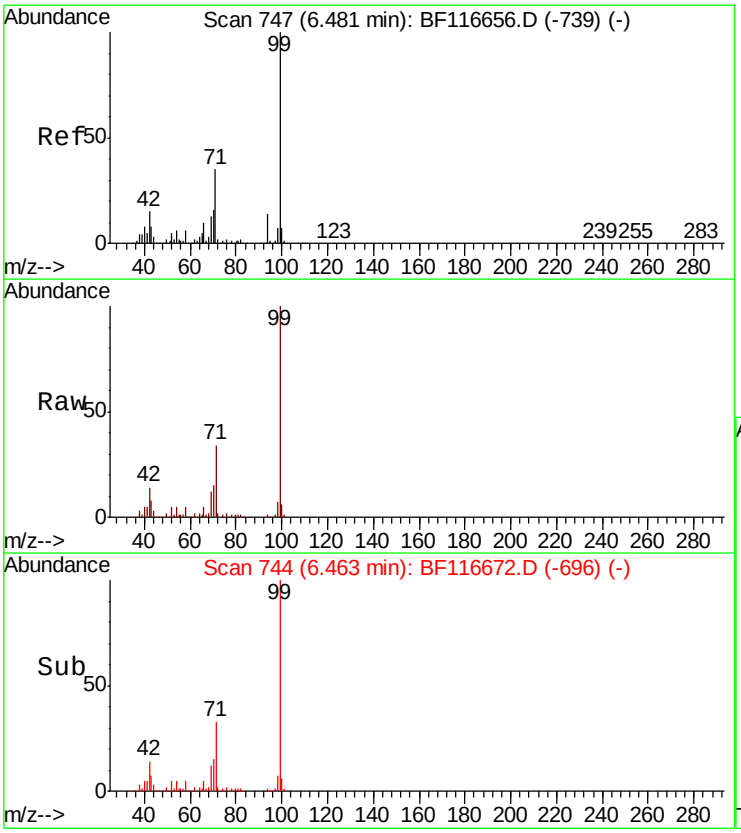
#6
Aniline
Concen: 0.048 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.04 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 516

Ion	Ratio	Lower	Upper
93	100		
66	1231.3	32.7	49.1#
65	818.7	16.3	24.5#

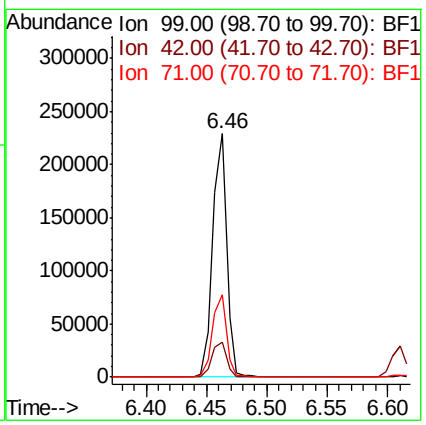


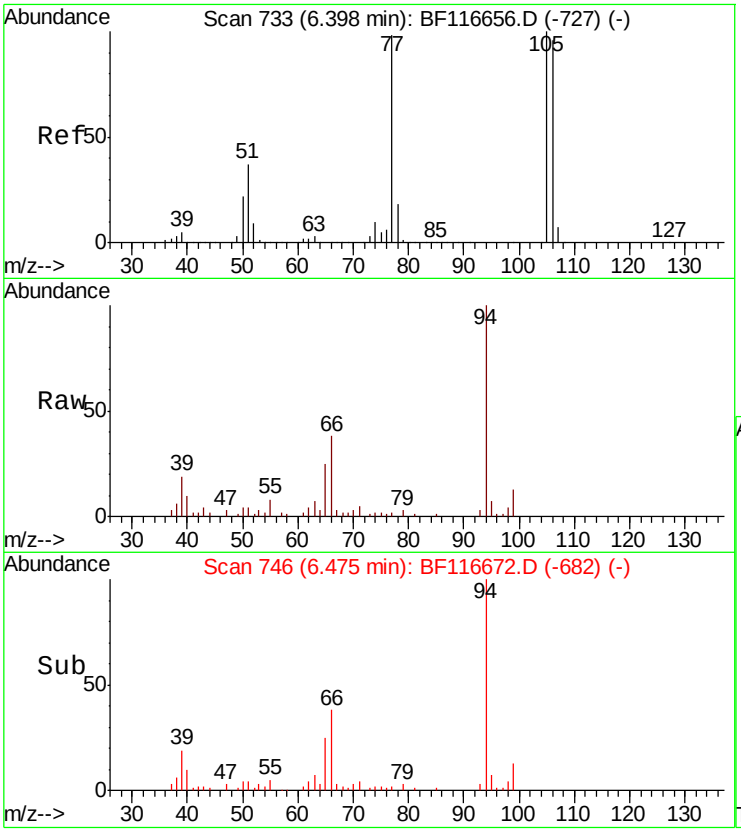


#7
Phenol-d6
Concen: 23.419 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion: 99 Resp: 182464

Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.7	20.5
71	33.6	30.8	46.2



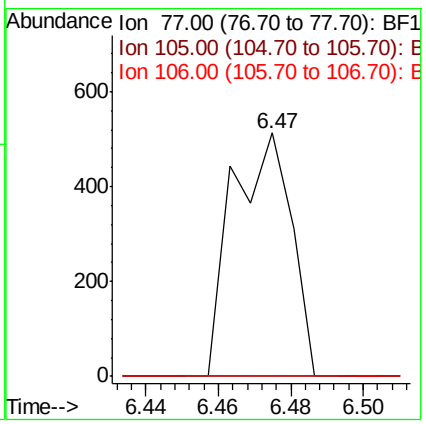


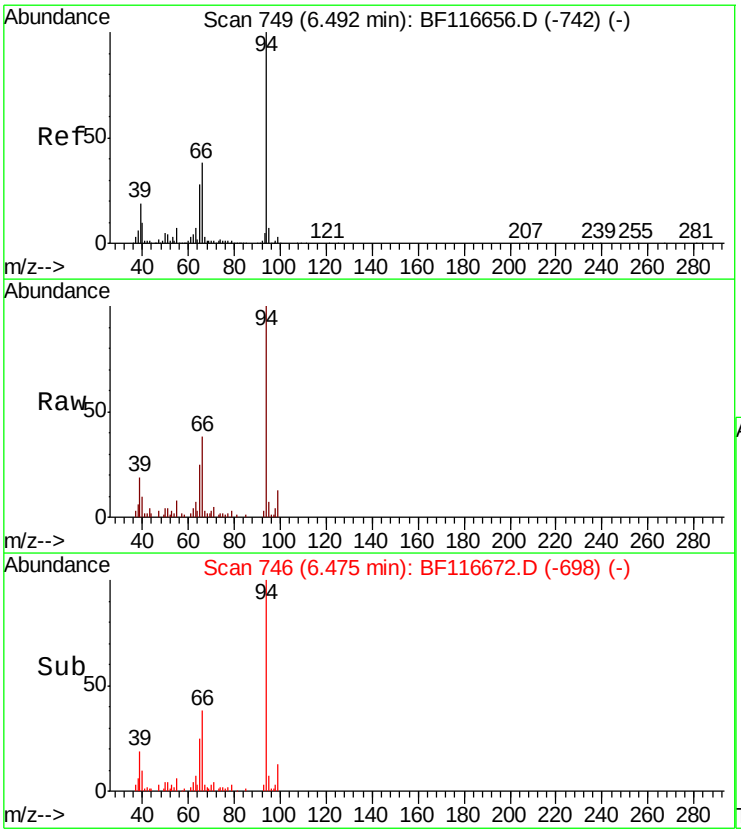
#9
Benzaldehyde
Concen: 0.112 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.08 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 576

Ion	Ratio	Lower	Upper
77	100		
105	0.0	76.7	116.7#
106	0.0	73.1	113.1#

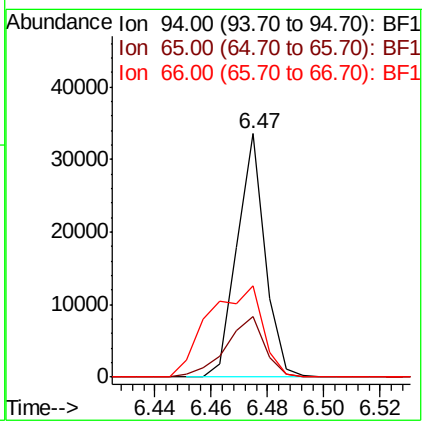


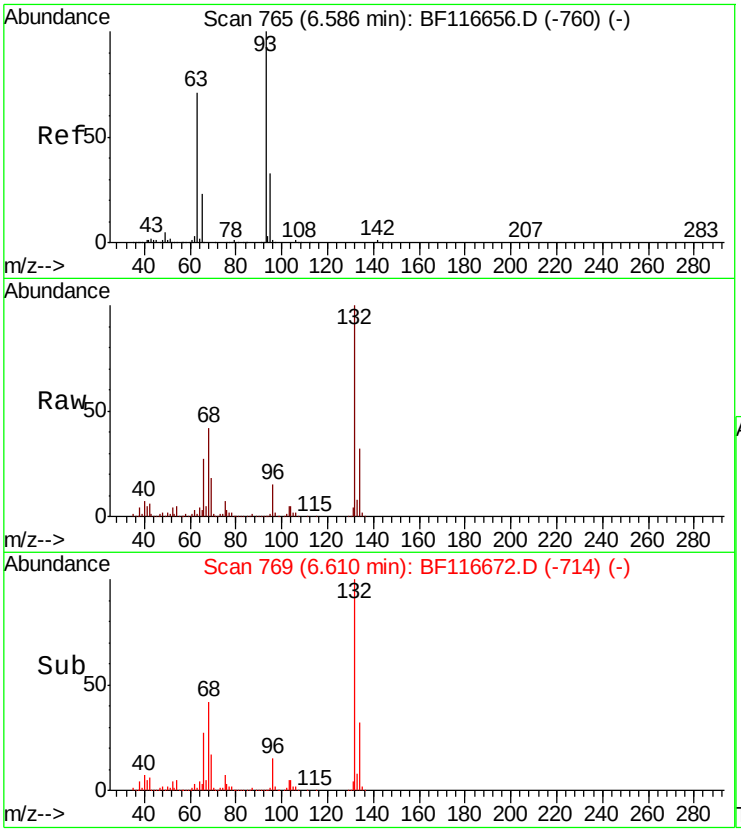


#10
Phenol
Concen: 2.678 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion: 94 Resp: 23105

Ion	Ratio	Lower	Upper
94	100		
65	25.0	10.8	50.8
66	37.6	21.1	61.1



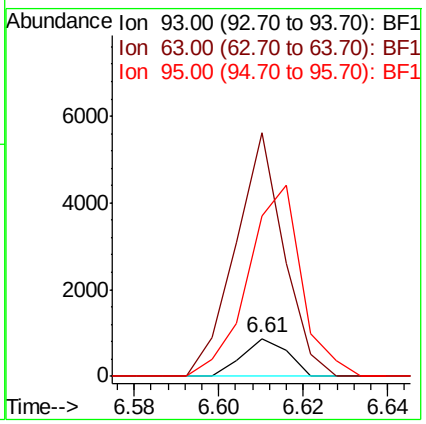


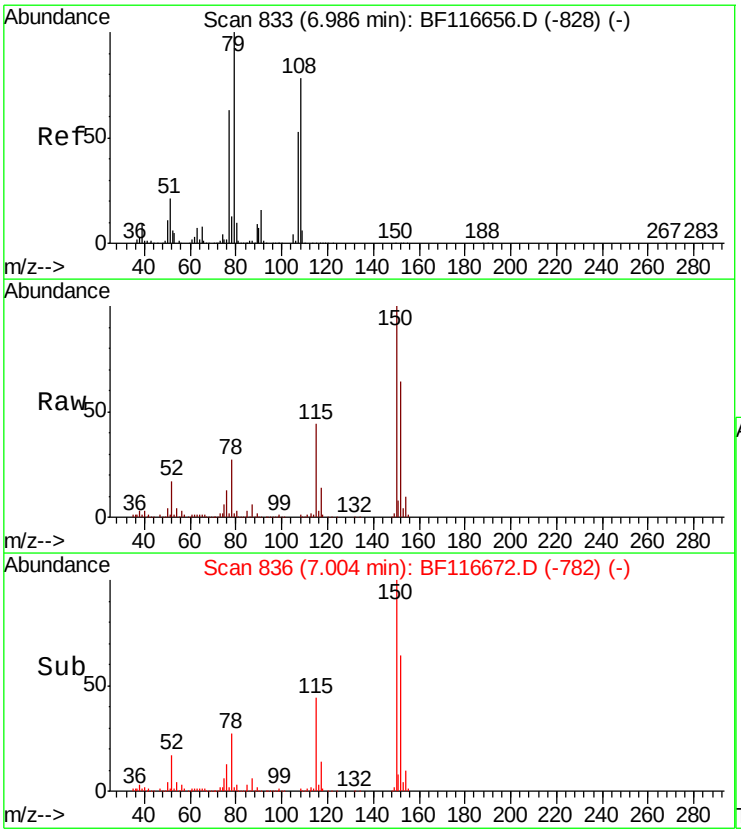
#11
bis(2-Chloroethyl)ether
Concen: 0.097 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.02 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 650

Ion	Ratio	Lower	Upper
93	100		
63	640.4	49.9	89.9#
95	421.6	12.7	52.7#

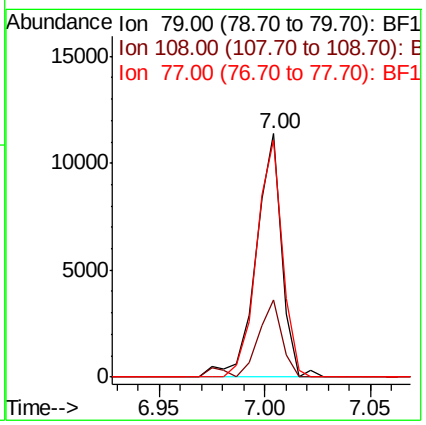


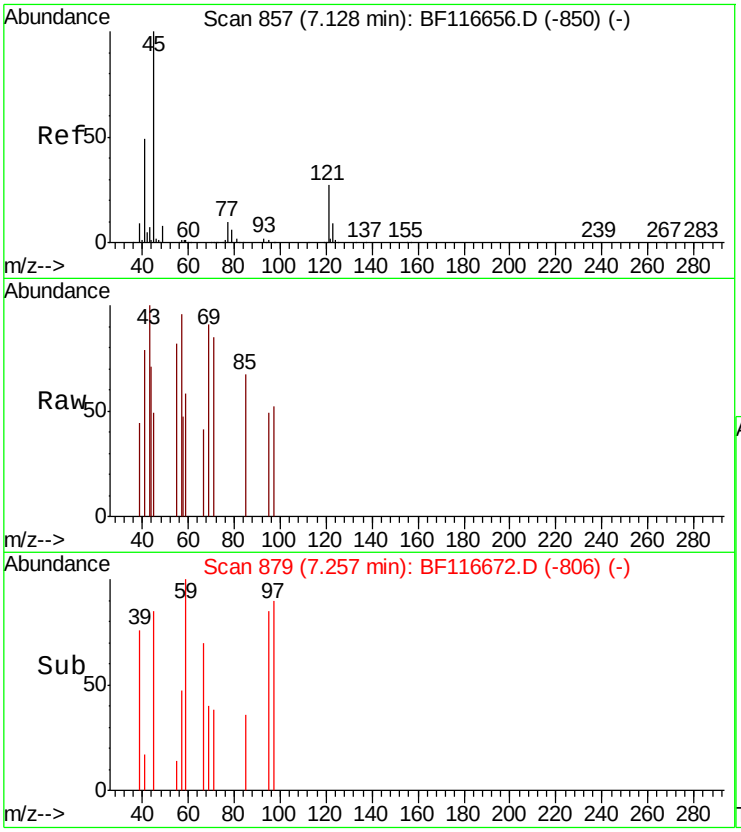


#15
Benzyl Alcohol
Concen: 1.533 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.02 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion: 79 Resp: 9697

Ion	Ratio	Lower	Upper
79	100		
108	31.7	59.2	88.8#
77	97.4	53.0	79.4#



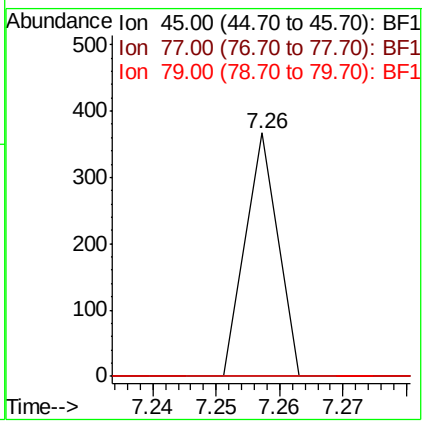


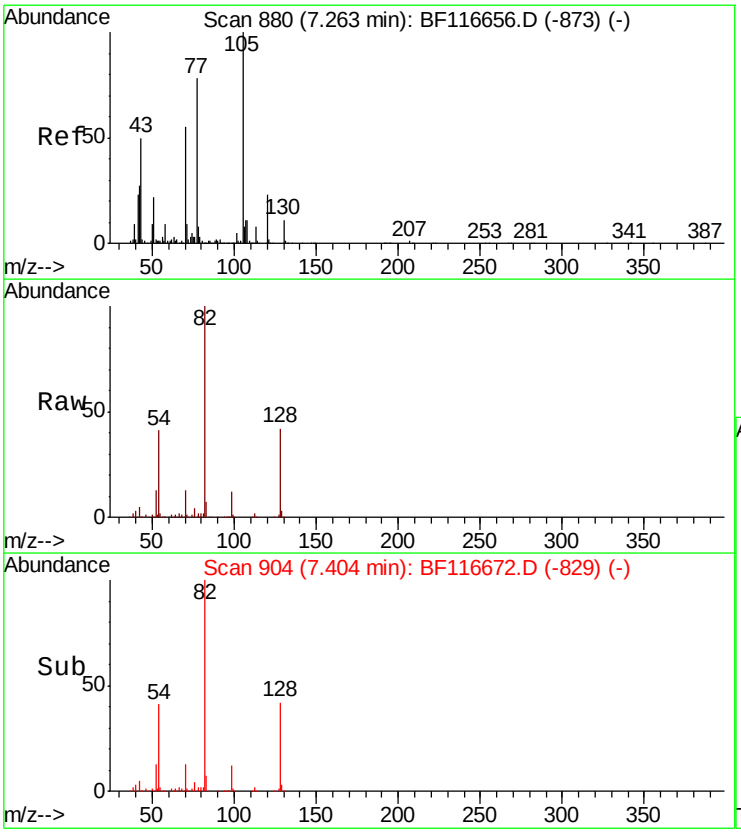
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.016 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 129

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	38.2
79	0.0	0.0	33.9

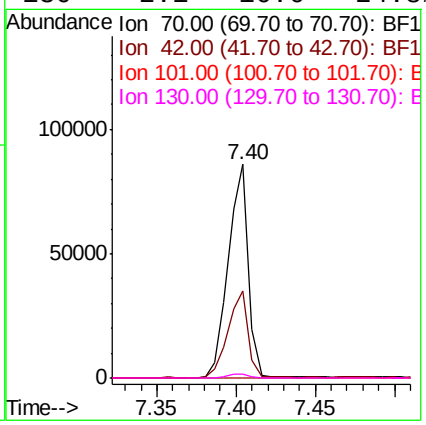


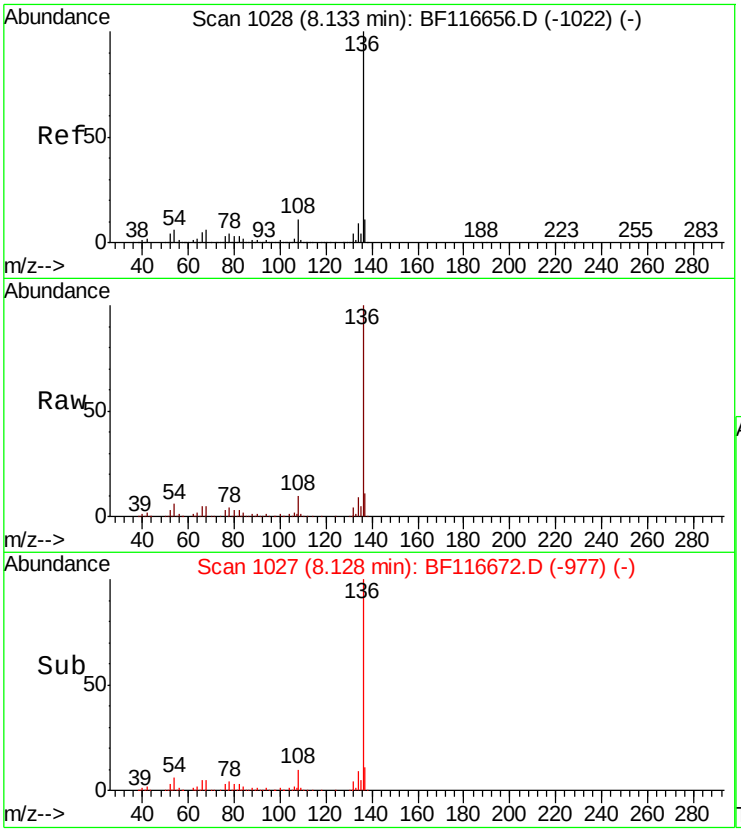


#19
n-Nitroso-di-n-propylamine
Concen: 14.855 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion: 70 Resp: 76206

Ion	Ratio	Lower	Upper
70	100		
42	40.6	43.5	65.3#
101	0.0	7.8	11.6#
130	2.1	16.6	24.8#



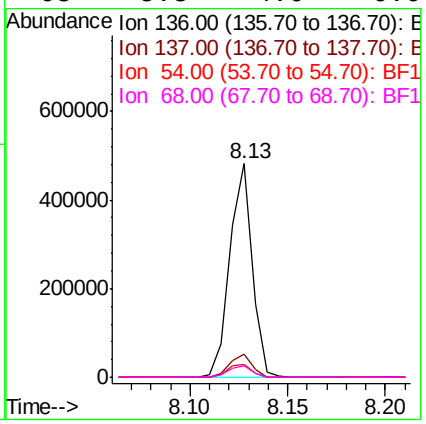


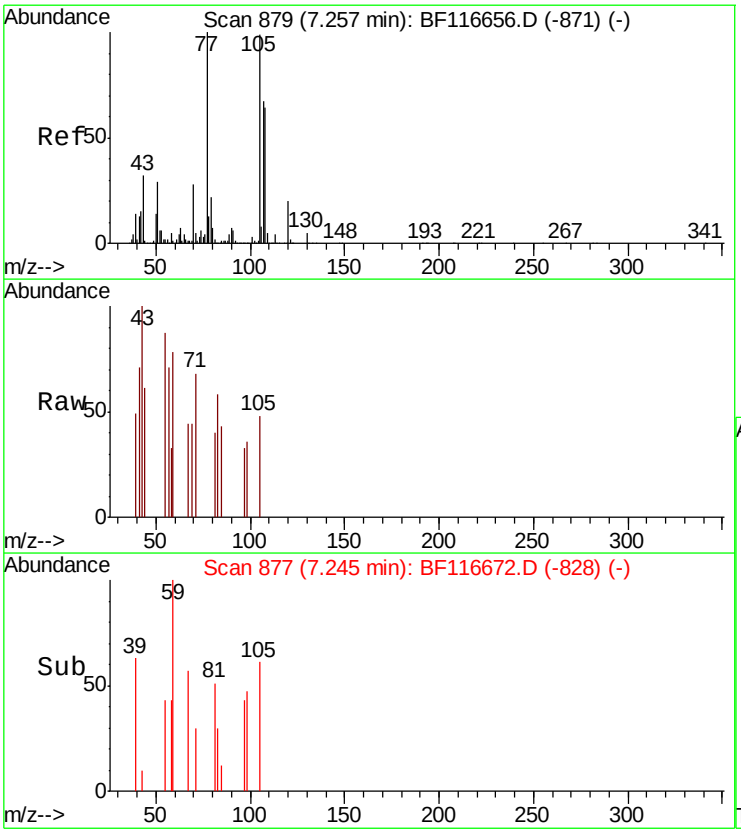
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 384045

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.8	4.8	7.2
68	5.3	4.0	6.0

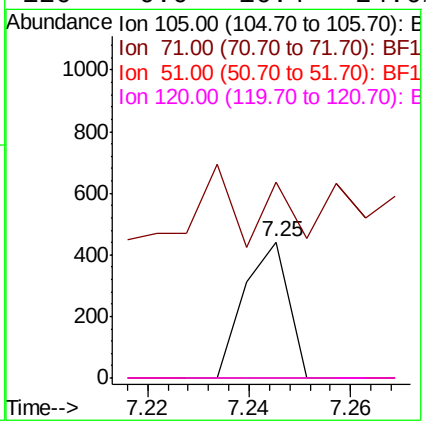


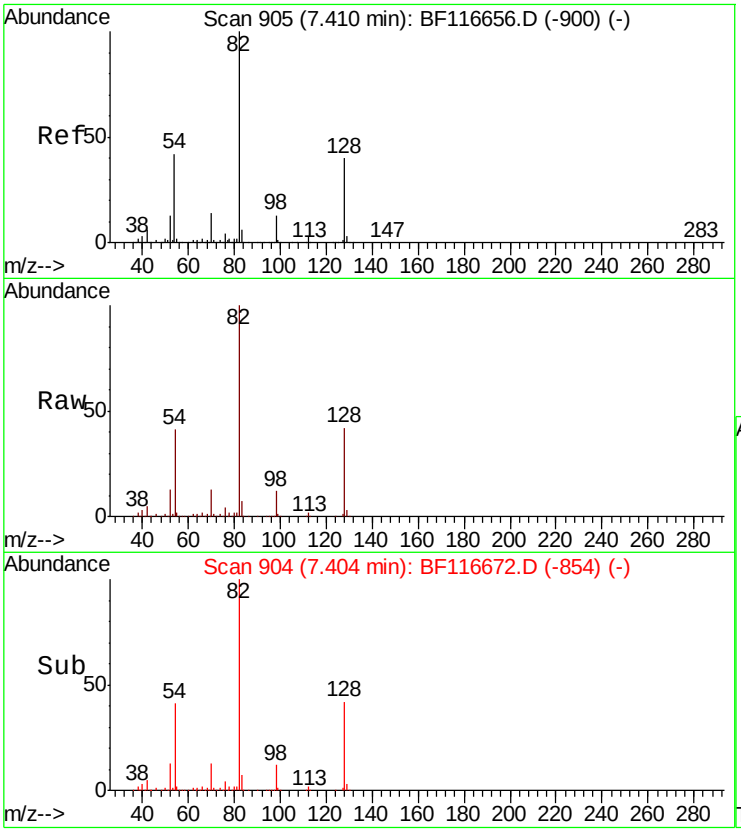


#22
Acetophenone
Concen: 0.029 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:105 Resp: 265

Ion	Ratio	Lower	Upper
105	100		
71	143.7	4.2	6.4#
51	0.0	25.8	38.8#
120	0.0	16.4	24.6#



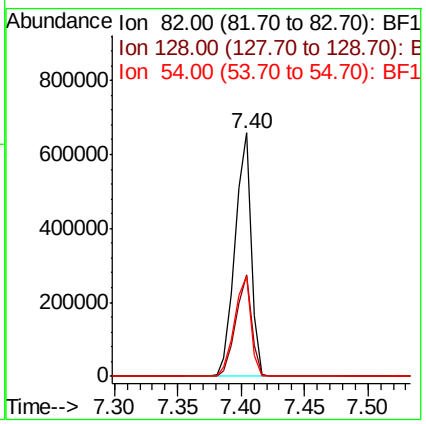


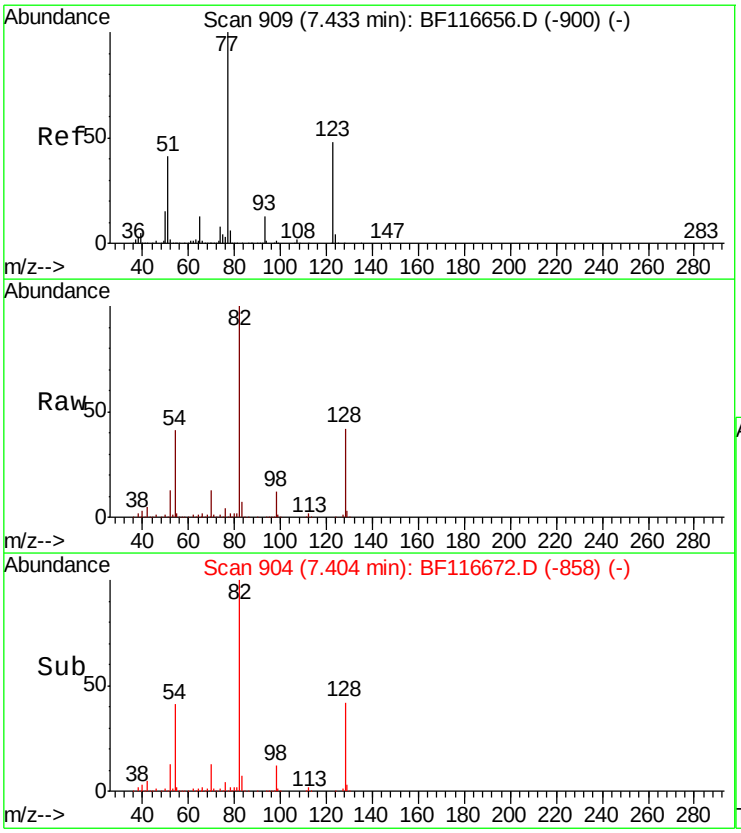
#23
Nitrobenzene-d5
Concen: 85.237 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 573415

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.8	49.2
54	41.1	36.9	55.3

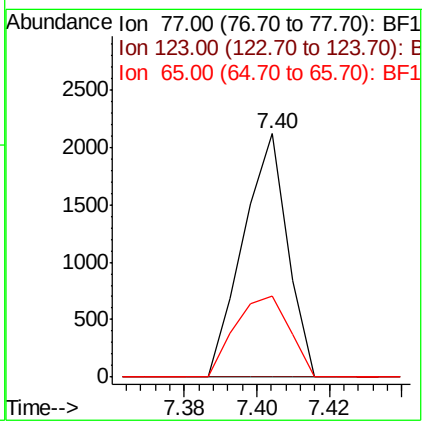


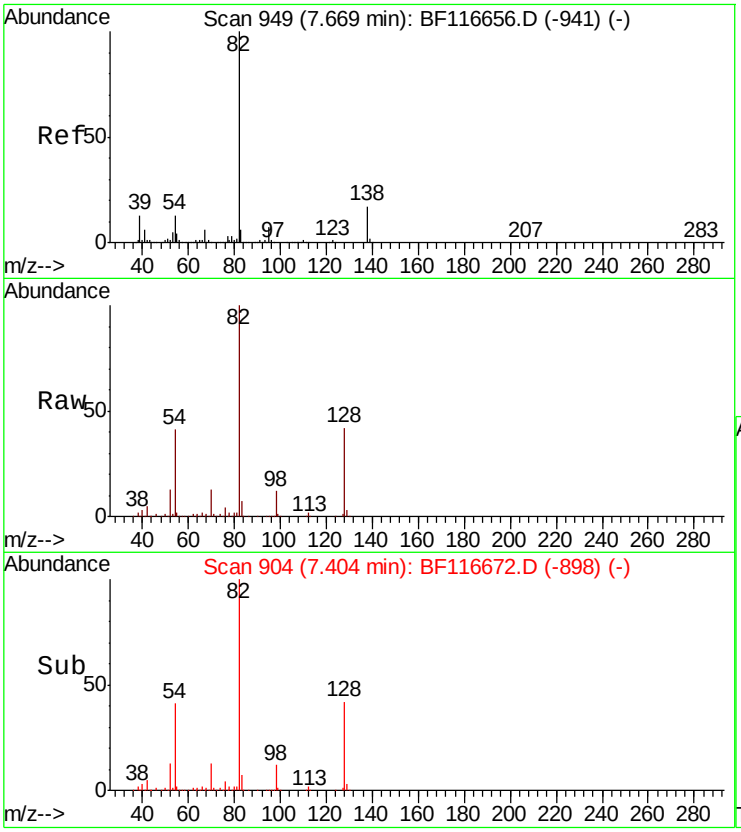


#24
Nitrobenzene
Concen: 0.265 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion: 77 Resp: 1815

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.1	49.7#
65	33.2	10.6	15.8#



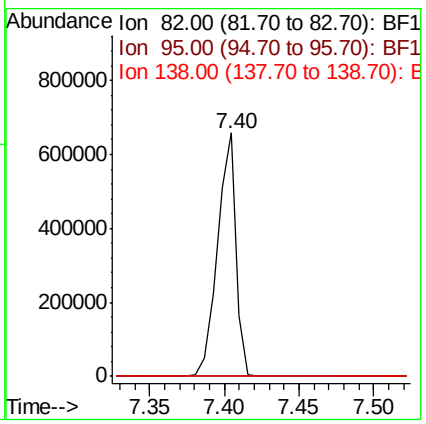


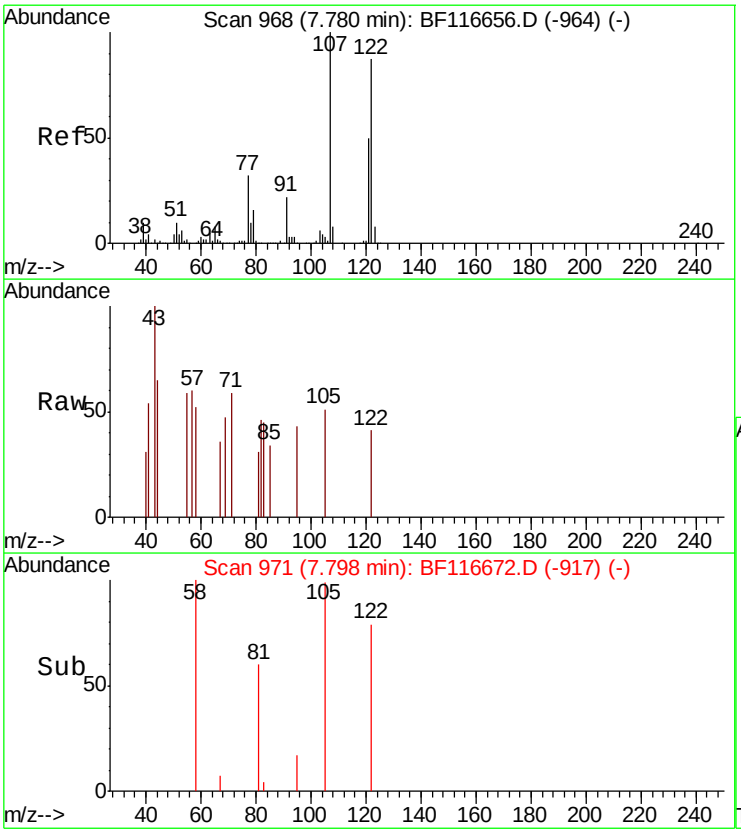
#25
Isophorone
Concen: 41.908 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 571290

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	13.5	20.3#

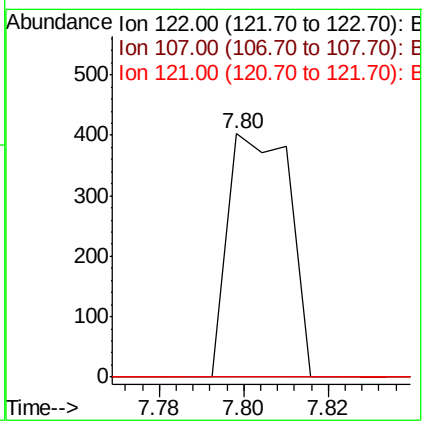


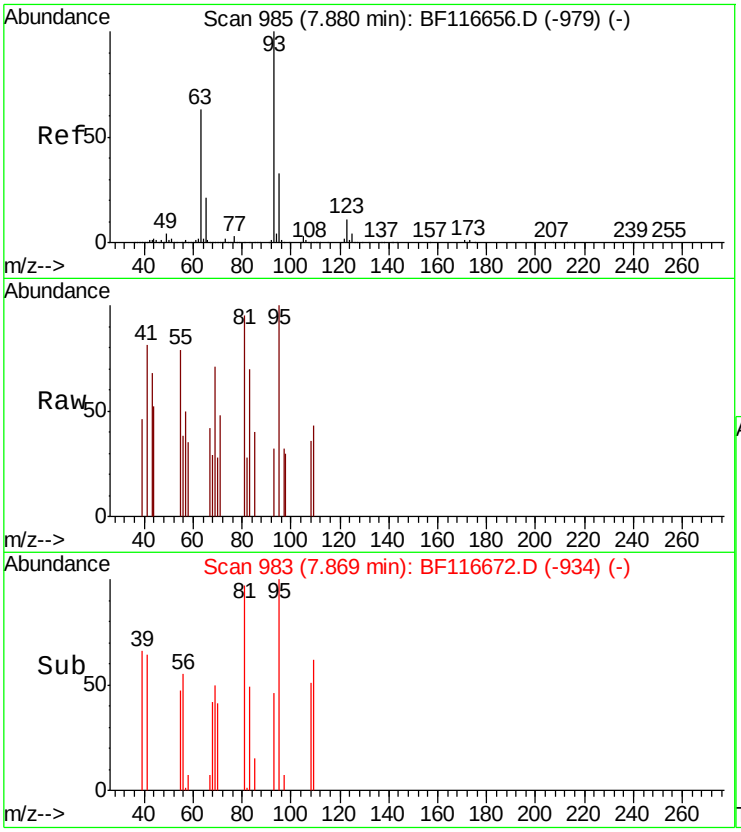


#27
2,4-Dimethylphenol
Concen: 0.079 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.02 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:122 Resp: 408

Ion	Ratio	Lower	Upper
122	100		
107	0.0	98.1	147.1#
121	0.0	47.3	70.9#



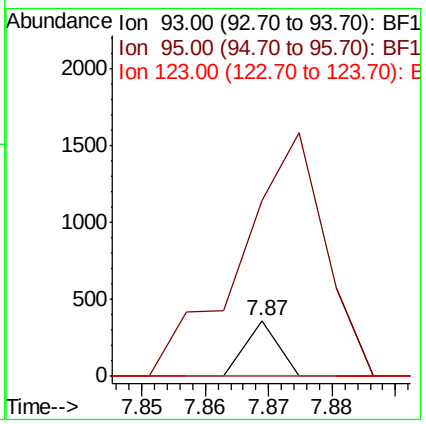


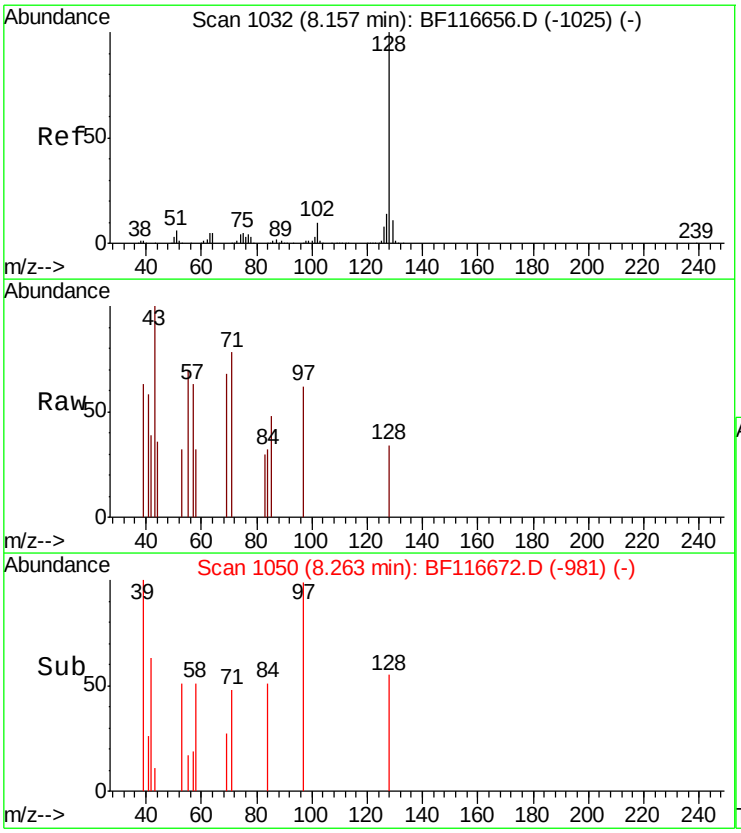
#28
bis(2-Chloroethoxy)methane
Concen: 0.015 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 128

Ion	Ratio	Lower	Upper
93	100		
95	316.6	26.4	39.6#
123	0.0	9.8	14.8#

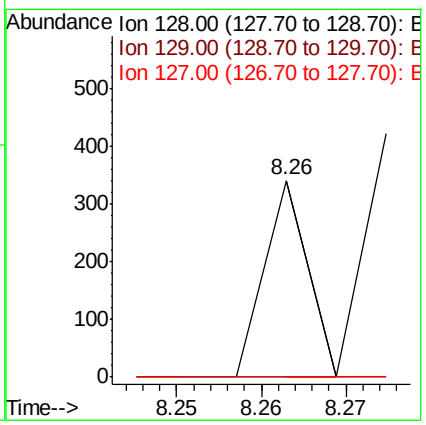


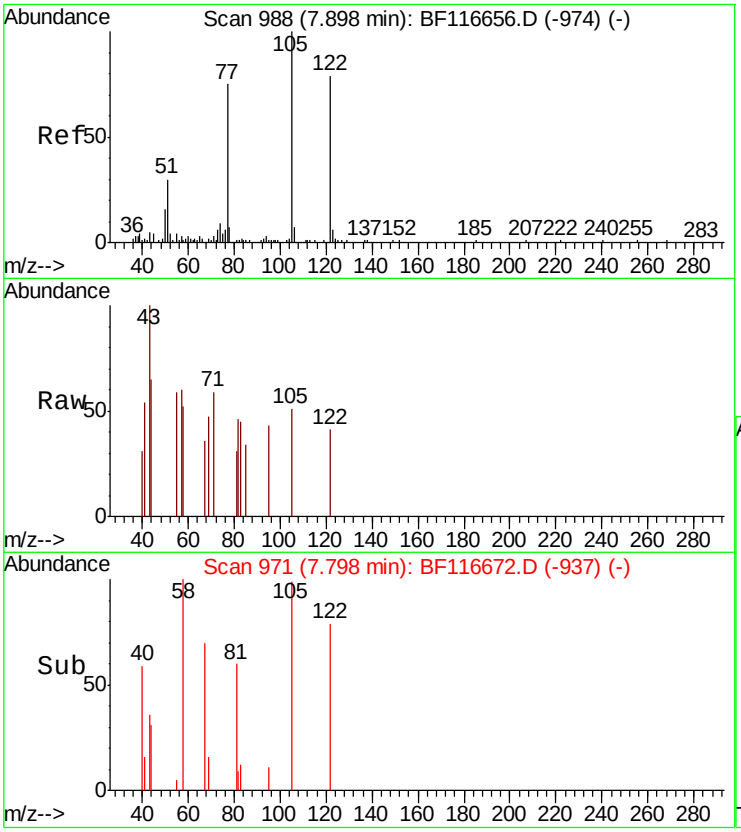


#31
Naphthalene
Concen: 0.007 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.11 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:128 Resp: 120

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	0.0	10.4	15.6#



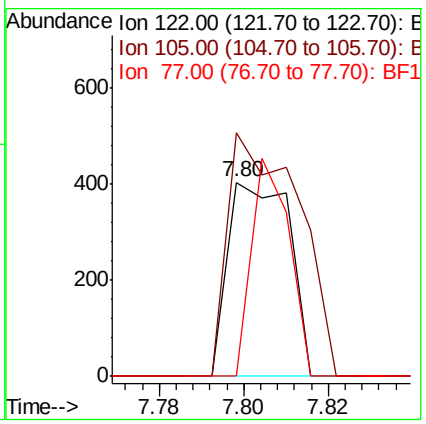


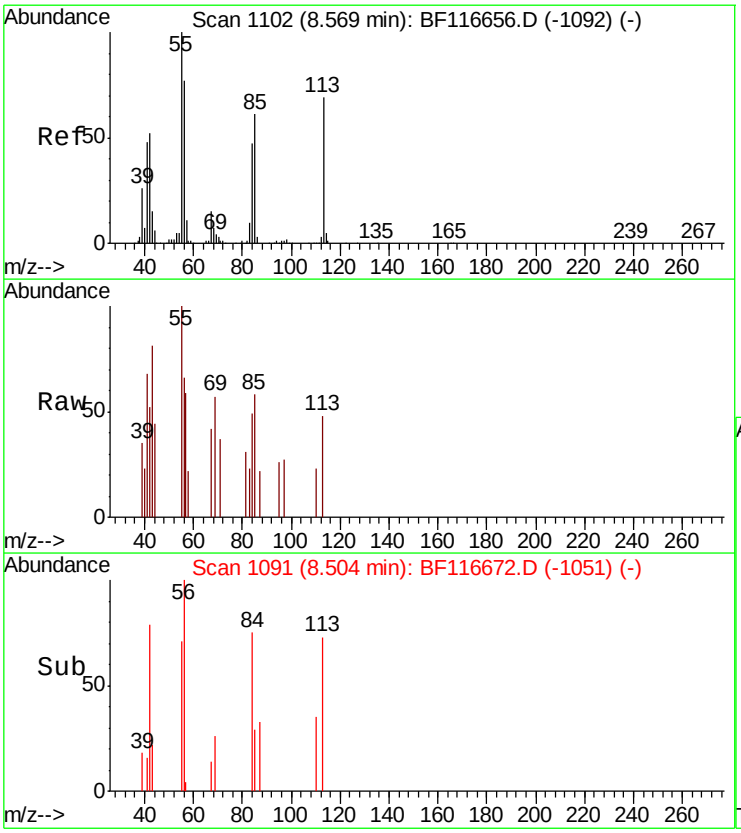
#32
Benzoic acid
Concen: 0.141 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.10 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 408

Ion	Ratio	Lower	Upper
122	100		
105	125.6	110.0	150.0
77	0.0	81.7	121.7#

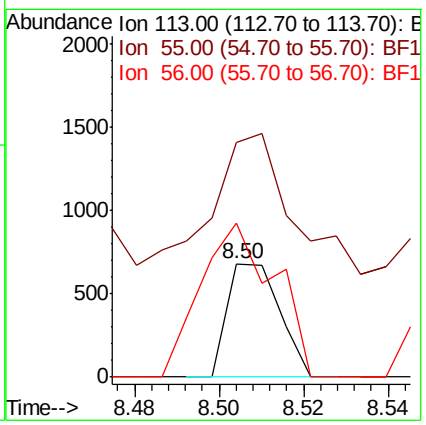


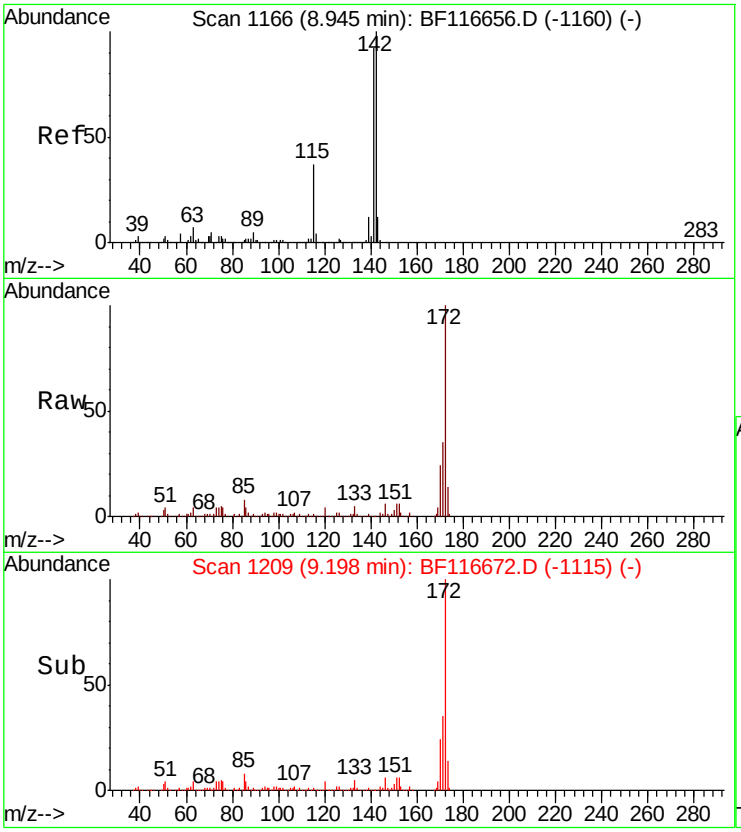


#35
Caprolactam
Concen: 0.316 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.06 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:113 Resp: 584

Ion	Ratio	Lower	Upper
113	100		
55	206.9	124.3	164.3#
56	136.1	94.6	134.6#



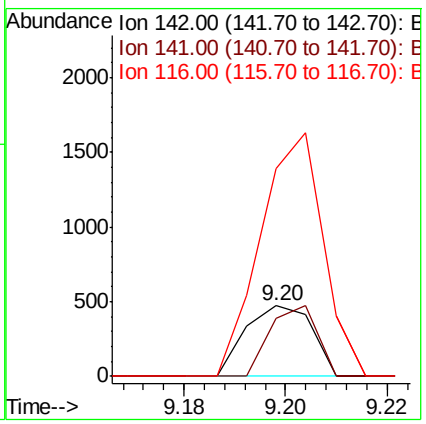


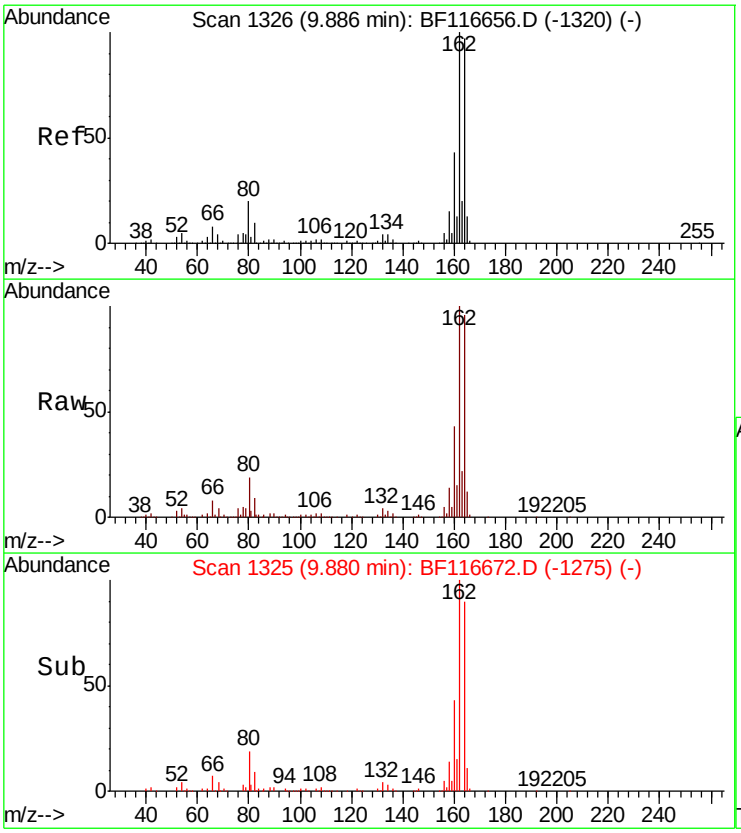
#38
1-Methylnaphthalene
Concen: 0.038 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.25 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 432

Ion	Ratio	Lower	Upper
142	100		
141	82.2	73.9	110.9
116	293.9	3.0	4.6#

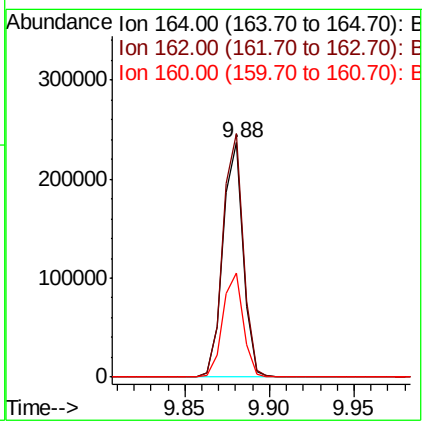


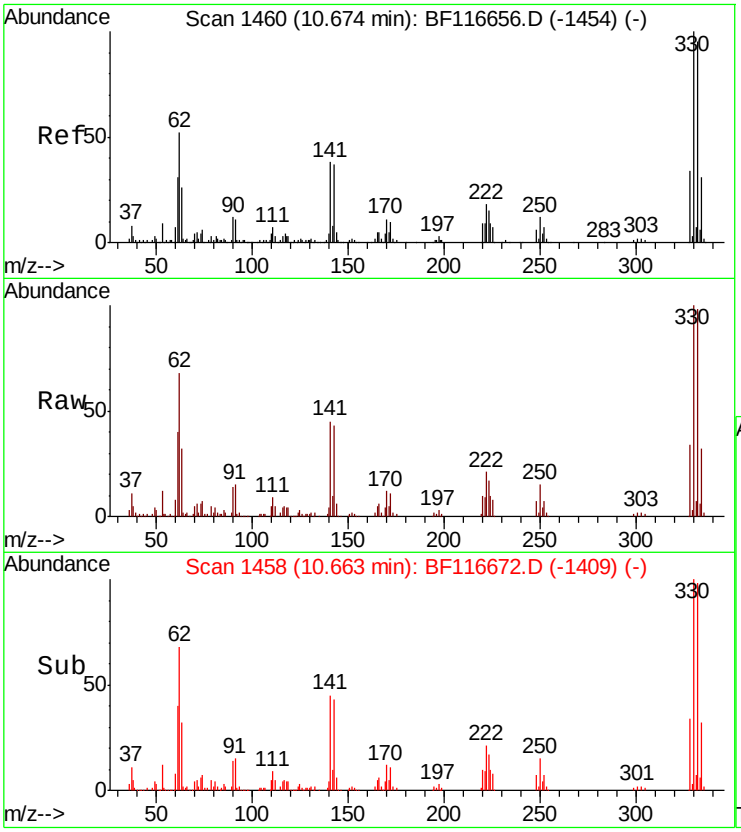


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:164 Resp: 198448

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.4	122.0
160	44.3	35.4	53.2



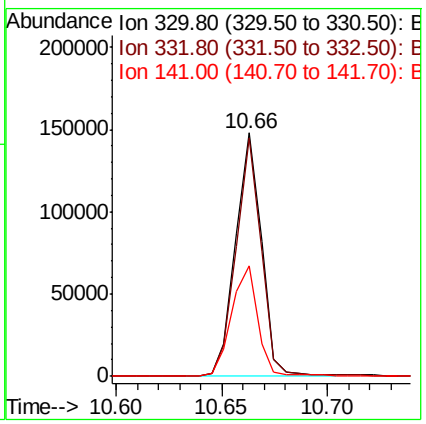


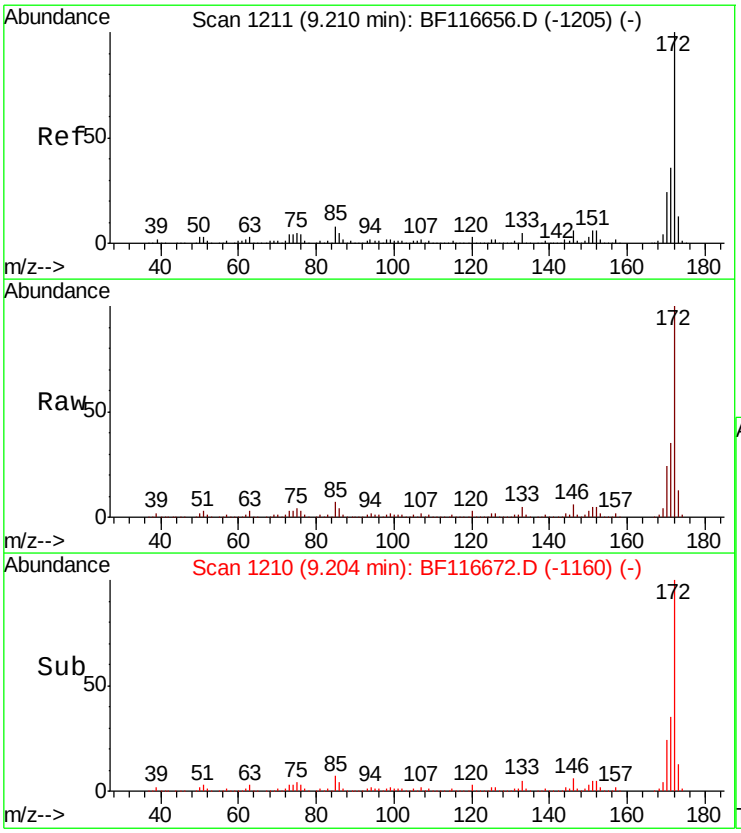
#42
2,4,6-Tribromophenol
Concen: 94.928 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 125938

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	46.3	31.4	47.2

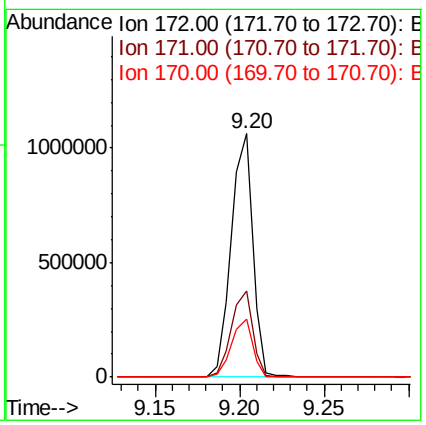


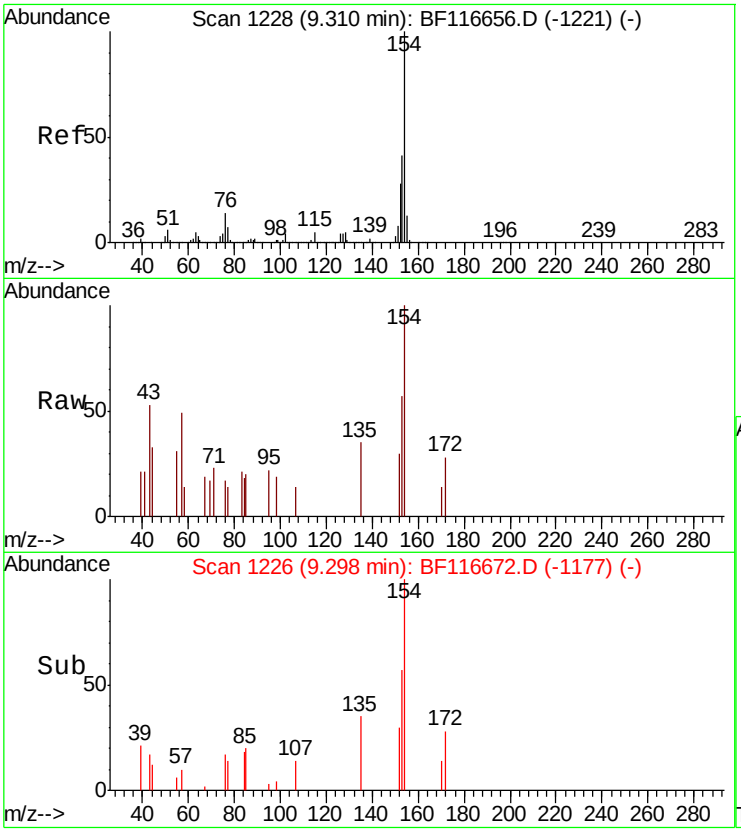


#45
2-Fluorobiphenyl
Concen: 80.049 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:172 Resp: 941703

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.7	18.9	28.3



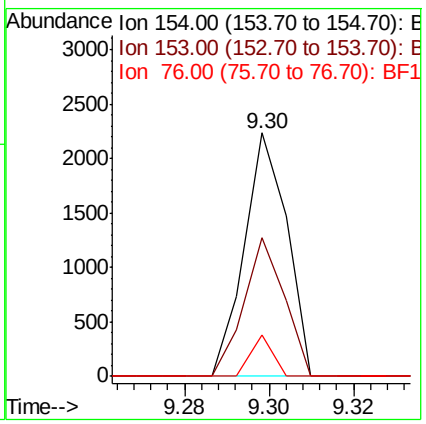


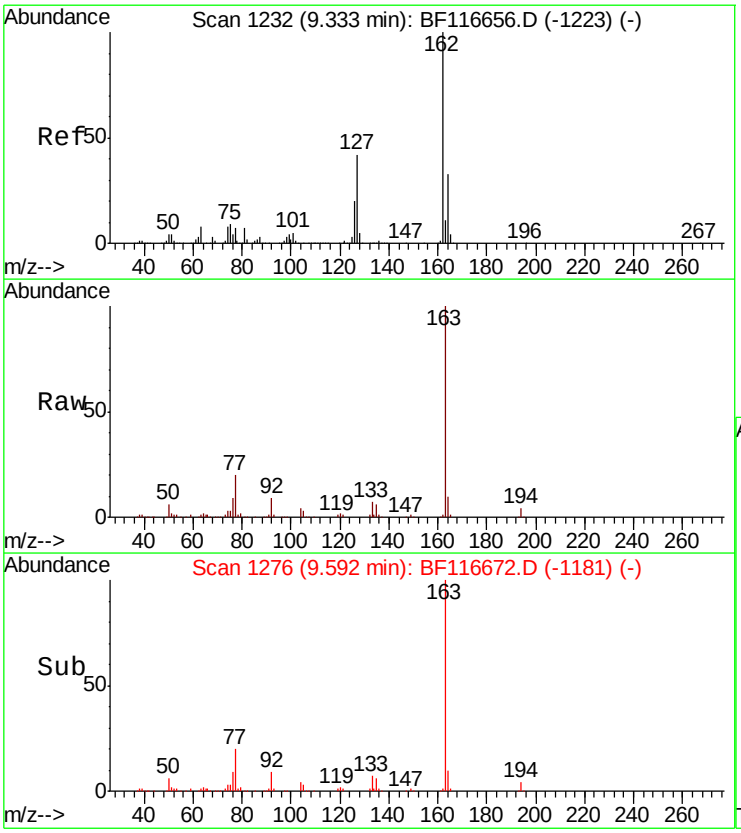
#46
1,1'-Biphenyl
Concen: 0.104 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1569

Ion	Ratio	Lower	Upper
154	100		
153	57.2	21.2	61.2
76	17.2	0.0	30.9

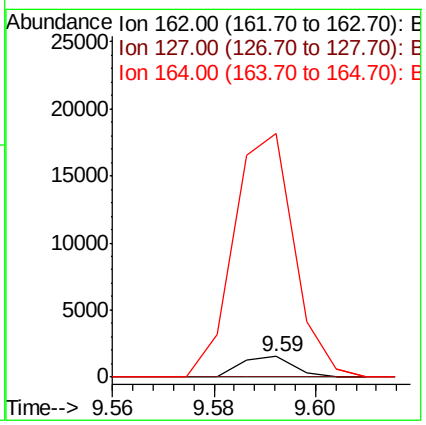


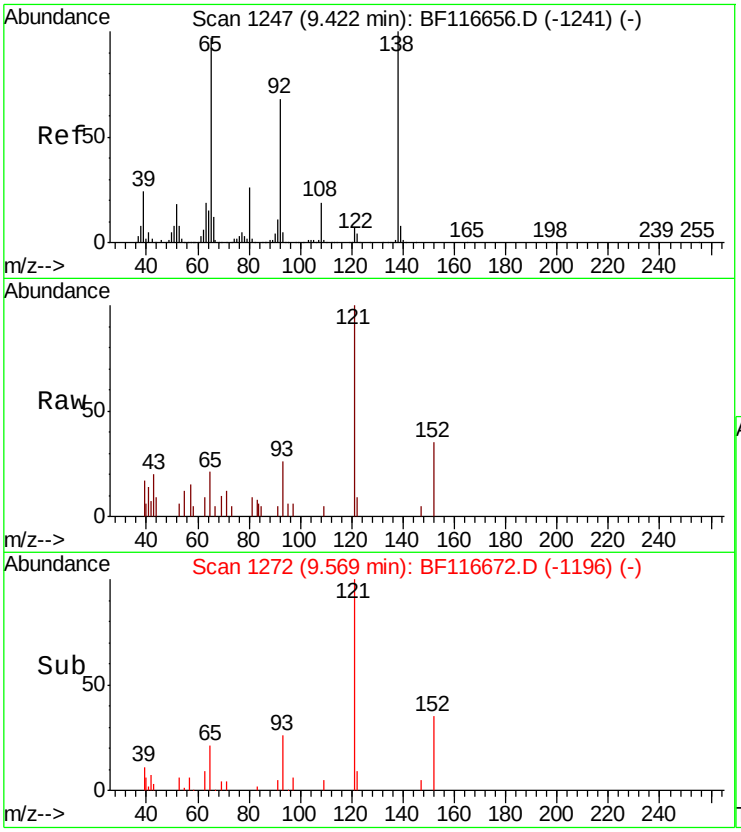


#47
2-Chloronaphthalene
Concen: 0.091 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.26 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:162 Resp: 1085

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	1195.0	26.6	39.8#



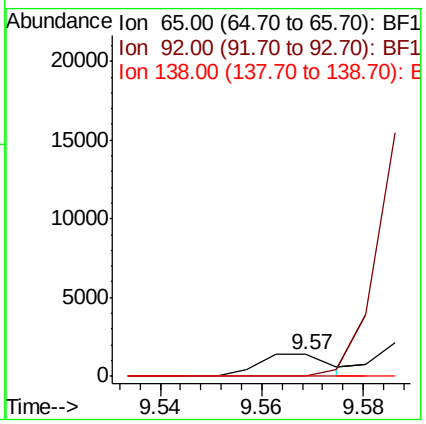


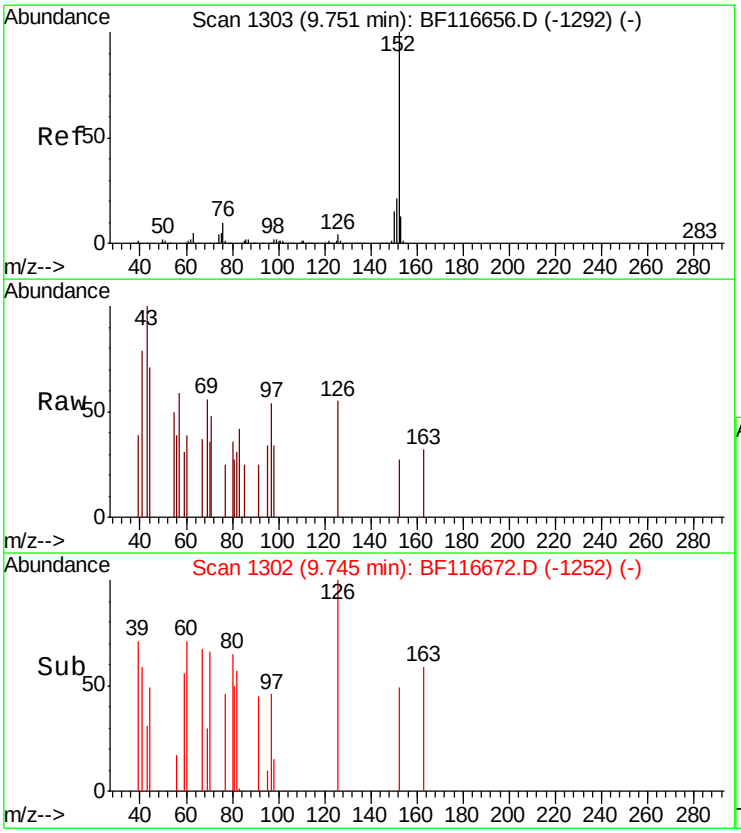
#48
2-Nitroaniline
Concen: 0.392 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.15 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1353

Ion	Ratio	Lower	Upper
65	100		
92	0.0	57.1	85.7#
138	0.0	88.2	132.2#

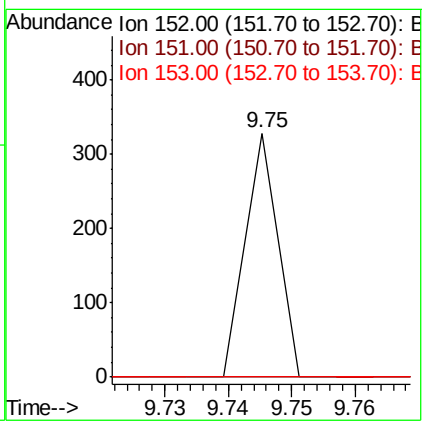


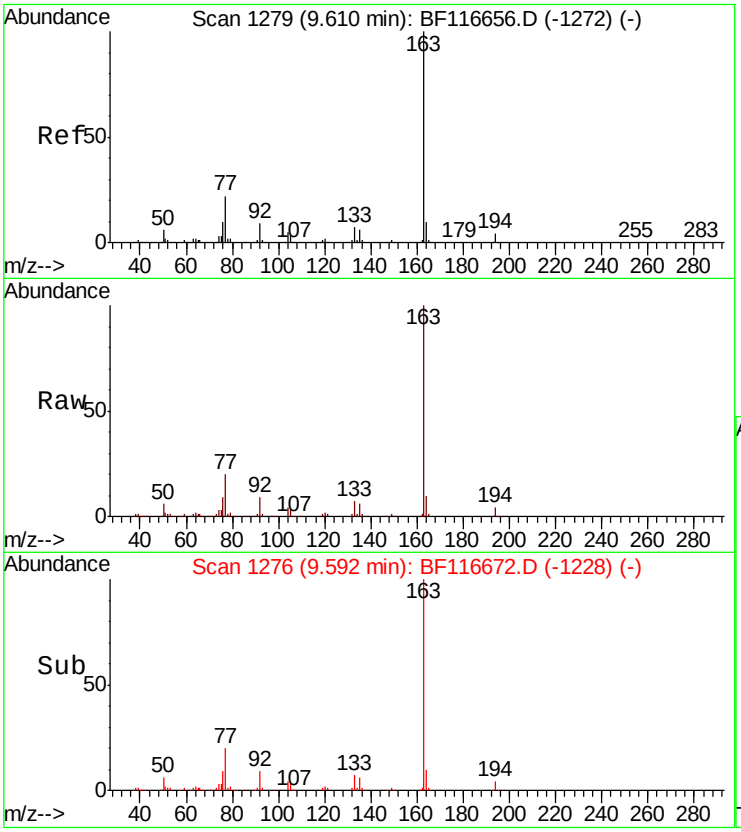


#49
Acenaphthylene
Concen: 0.006 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:152 Resp: 116

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.9	23.9#
153	0.0	10.9	16.3#



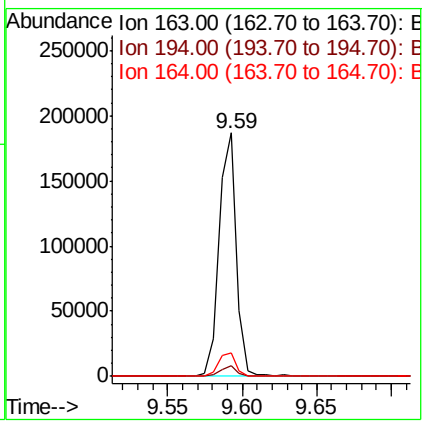


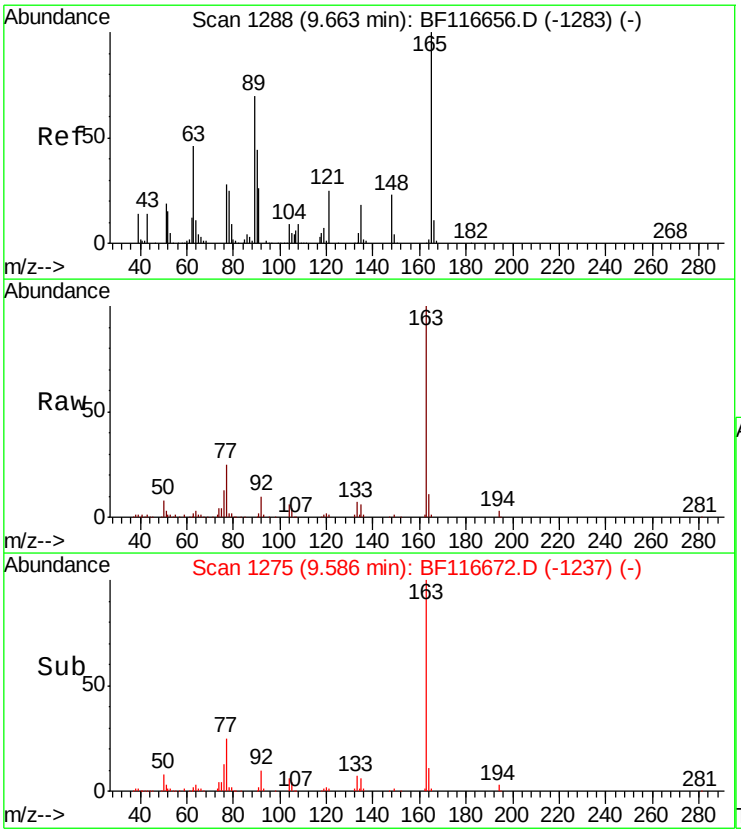
#50
Dimethylphthalate
Concen: 11.138 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 152600

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.8	4.2
164	9.7	8.6	12.8

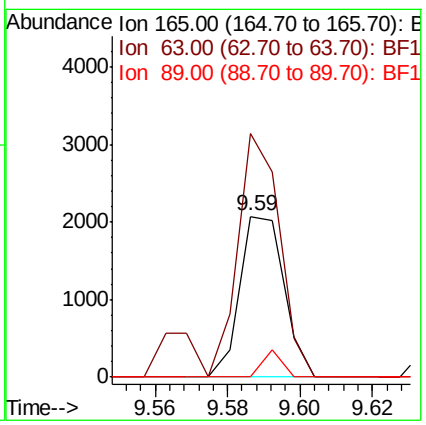


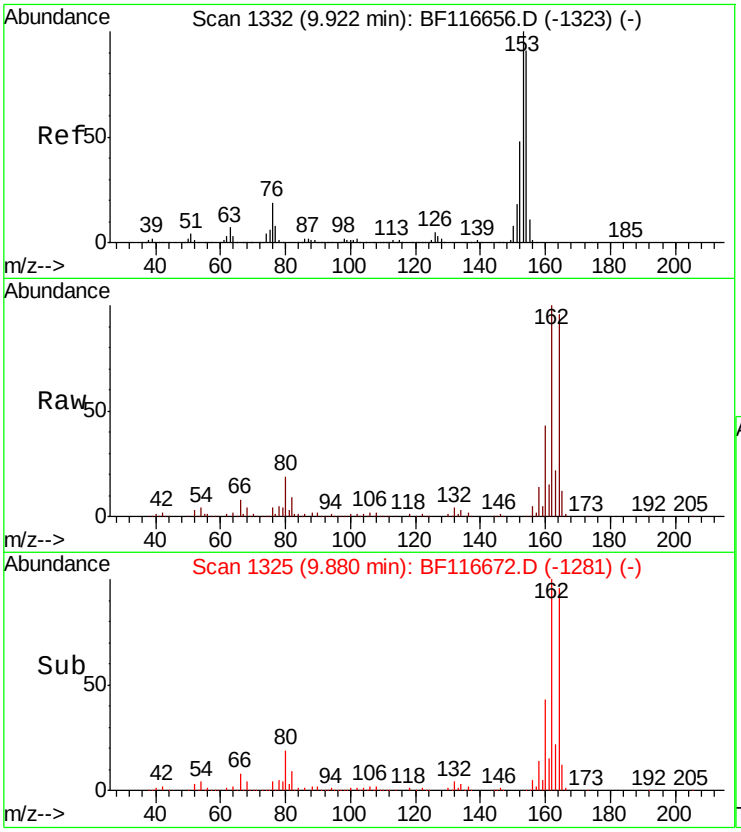


#51
2,6-Dinitrotoluene
Concen: 0.671 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.08 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:165 Resp: 1755

Ion	Ratio	Lower	Upper
165	100		
63	151.4	47.3	70.9#
89	0.0	52.5	78.7#



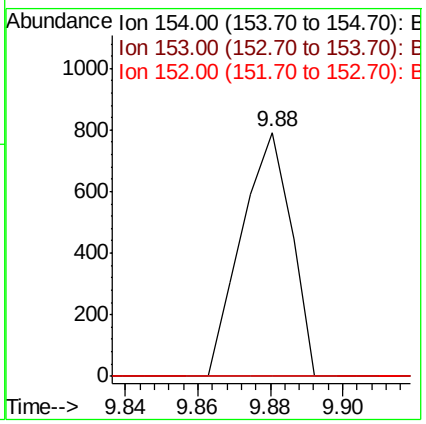


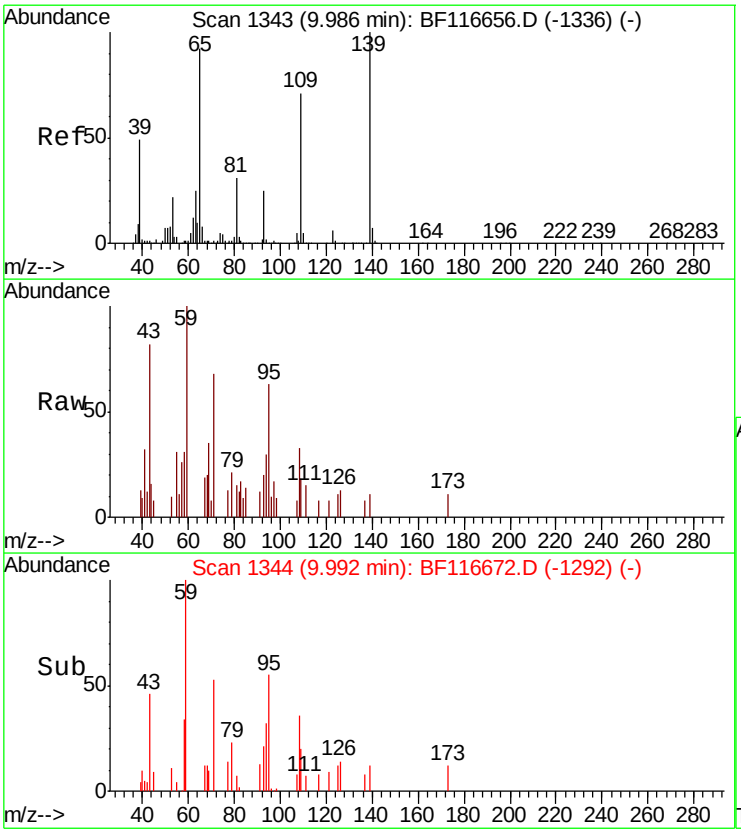
#52
Acenaphthene
Concen: 0.068 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.04 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 753

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.5	134.3#
152	0.0	41.9	62.9#

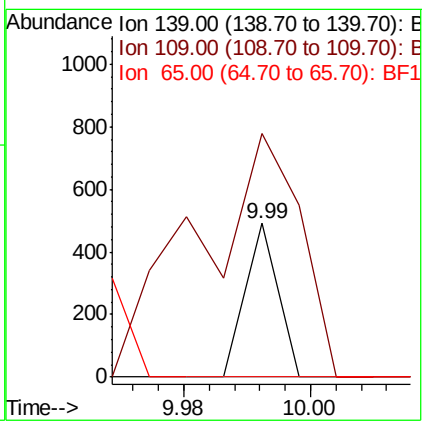


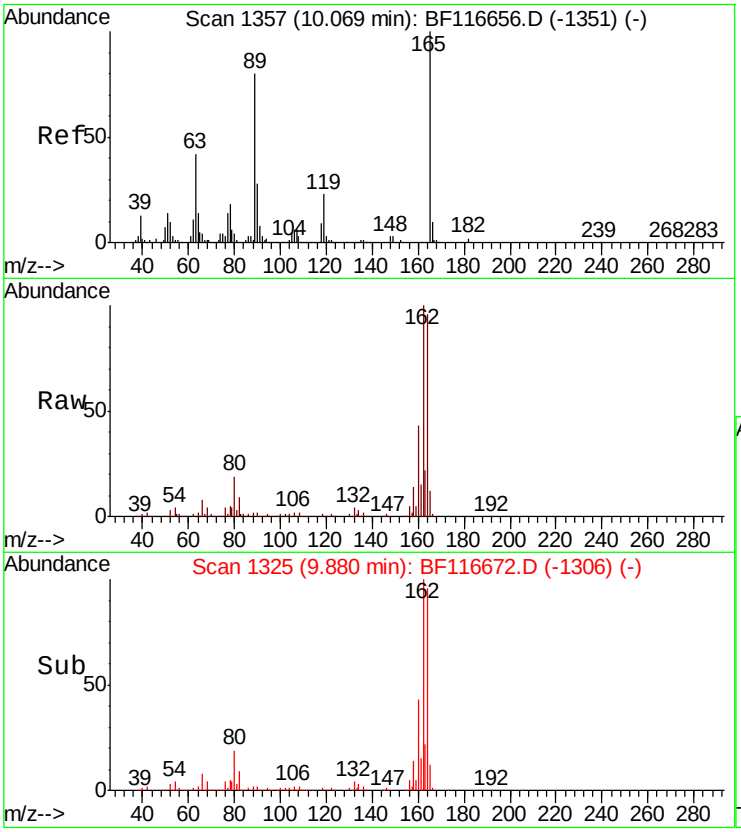


#56
4-Nitrophenol
Concen: 0.077 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:139 Resp: 174

Ion	Ratio	Lower	Upper
139	100		
109	158.1	61.7	101.7#
65	0.0	89.1	129.1#



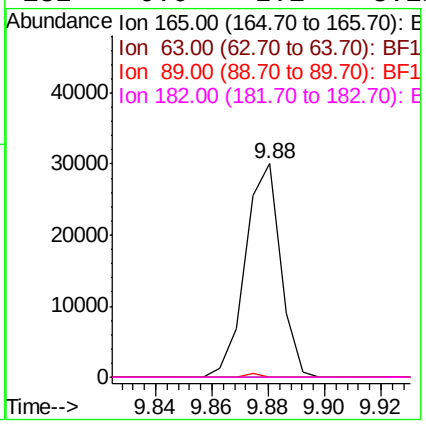


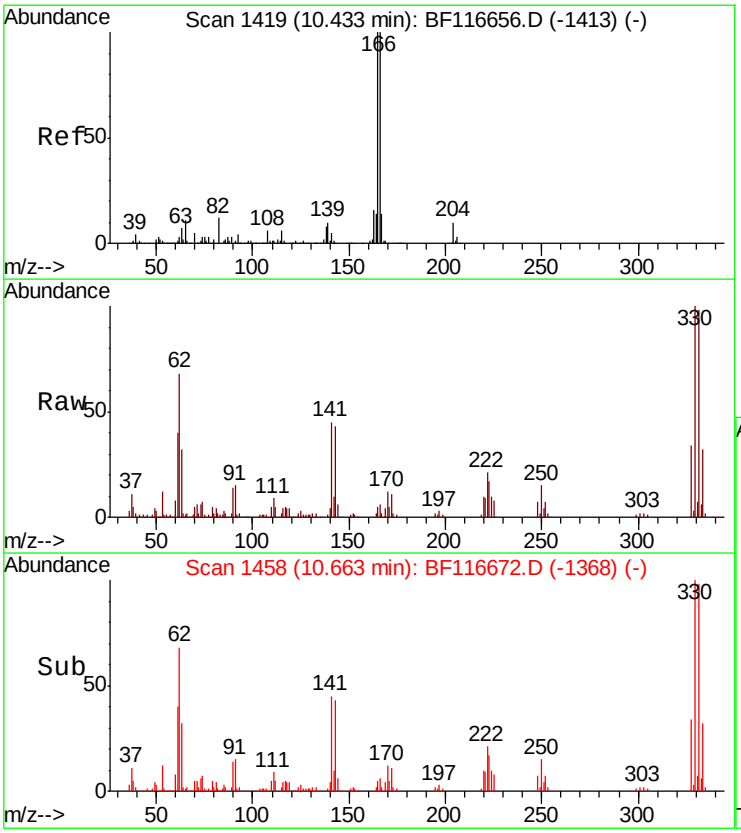
#57
2,4-Dinitrotoluene
Concen: 8.099 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25888

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#

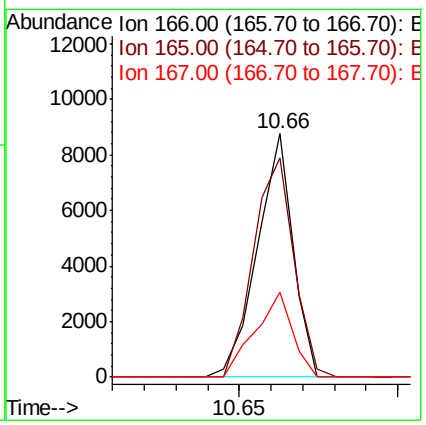


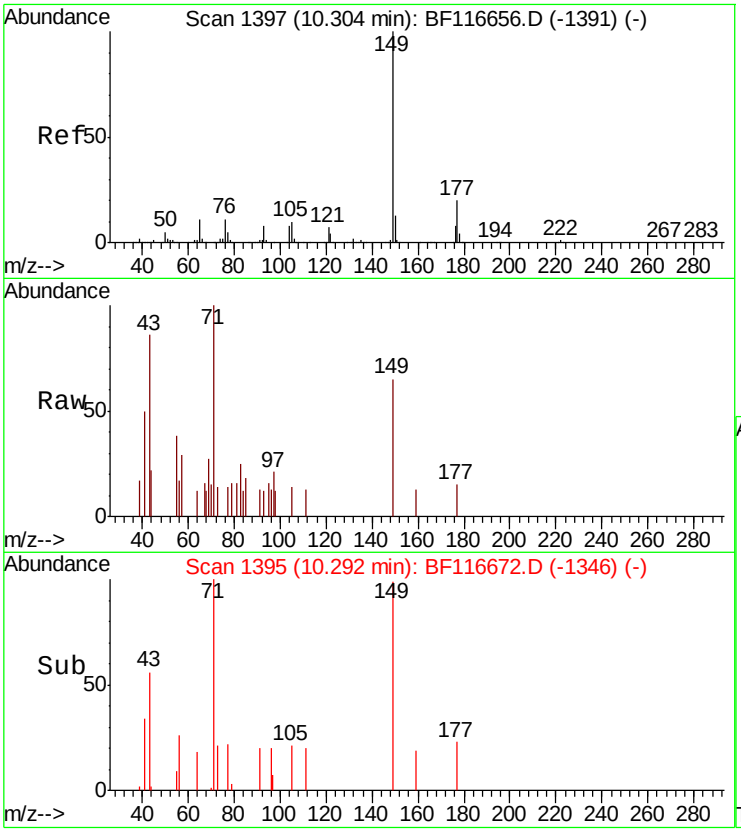


#58
Fluorene
Concen: 0.577 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.23 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:166 Resp: 6865

Ion	Ratio	Lower	Upper
166	100		
165	90.0	78.8	118.2
167	35.0	10.0	15.0#



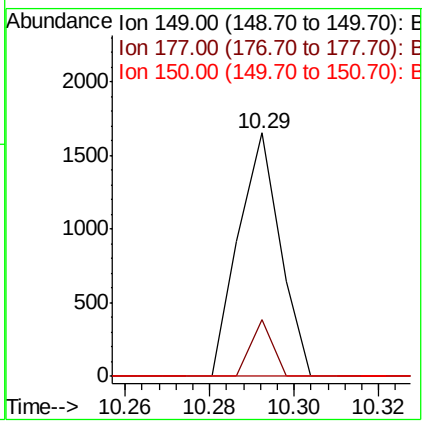


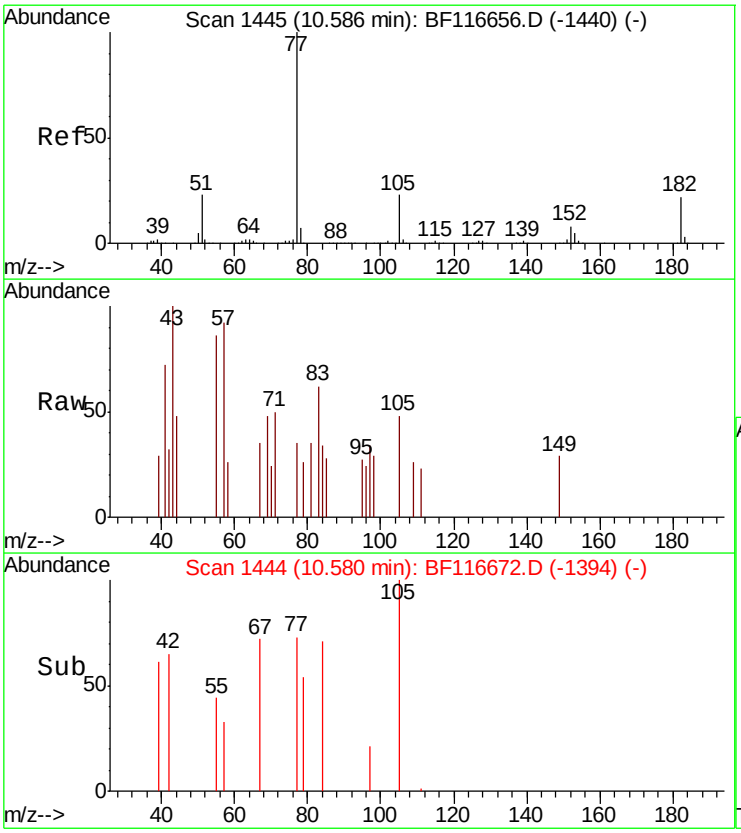
#60
Diethylphthalate
Concen: 0.083 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1136

Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.2	25.8
150	0.0	9.7	14.5#

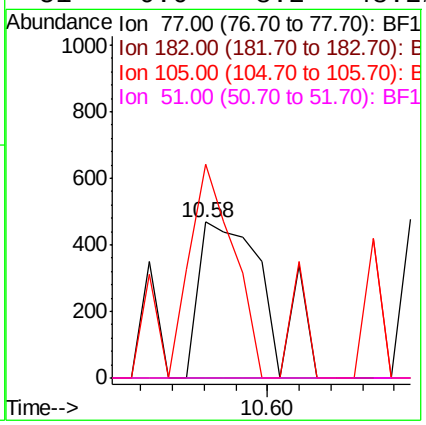


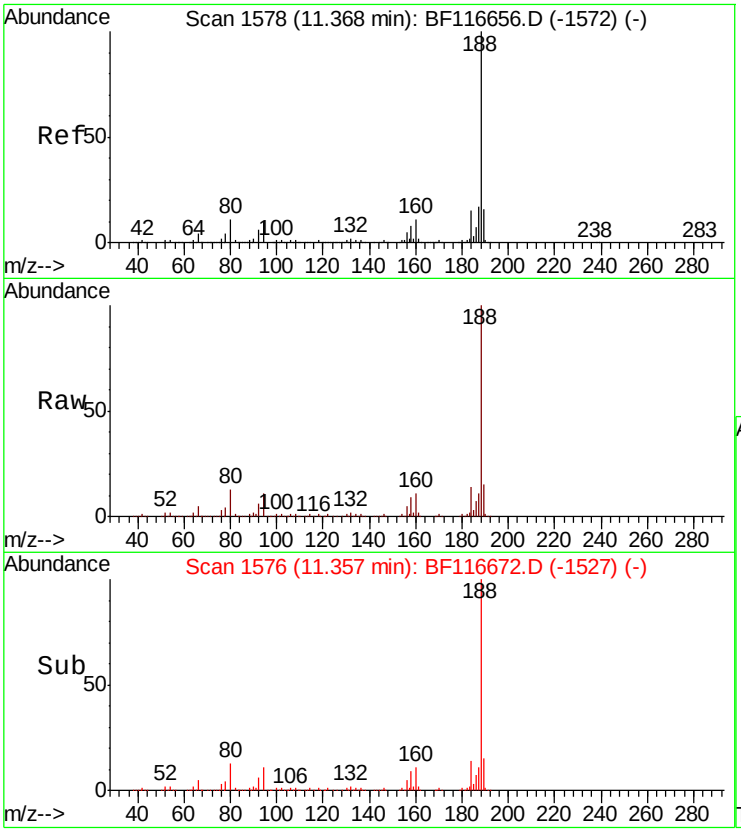


#63
Azobenzene
Concen: 0.050 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion: 77 Resp: 713

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.2	41.2#
105	137.2	0.6	40.6#
51	0.0	8.2	48.2#



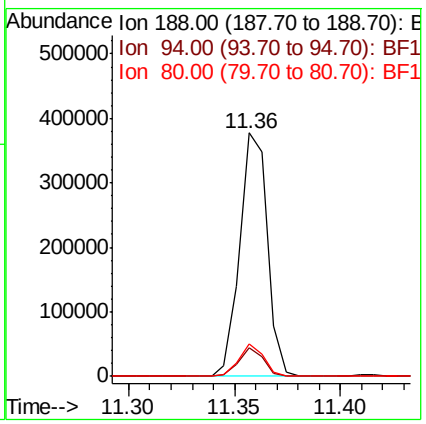


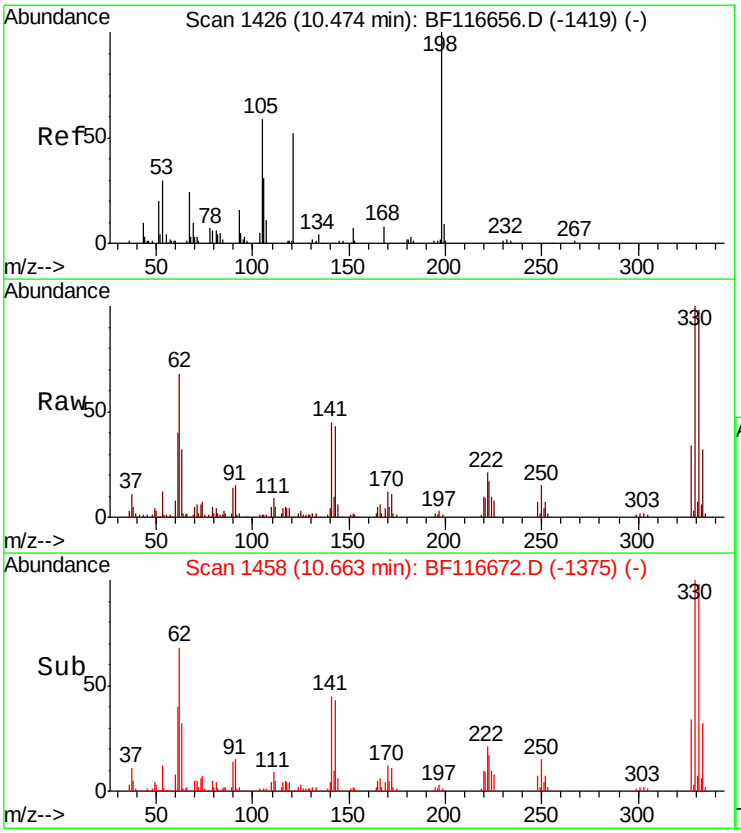
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 342769

Ion	Ratio	Lower	Upper
188	100		
94	11.5	7.3	10.9#
80	13.2	8.4	12.6#

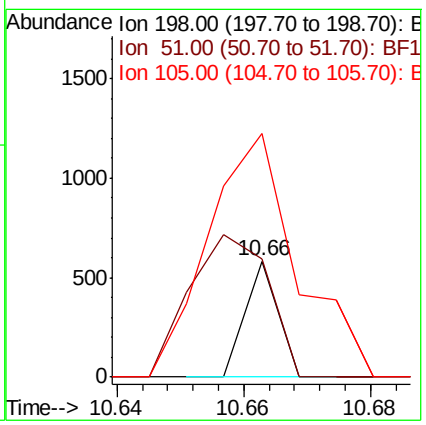


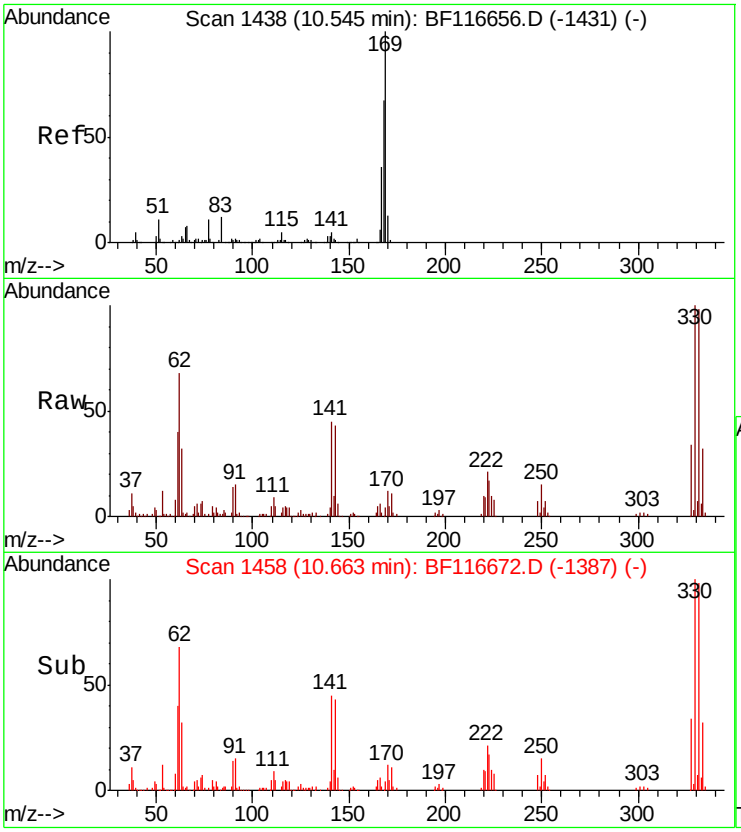


#65
4,6-Dinitro-2-methylphenol
Concen: 7.589 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:198 Resp: 206

Ion	Ratio	Lower	Upper
198	100		
51	101.2	18.4	58.4#
105	209.6	22.9	62.9#



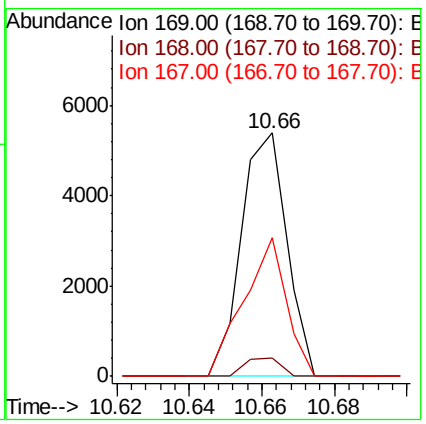


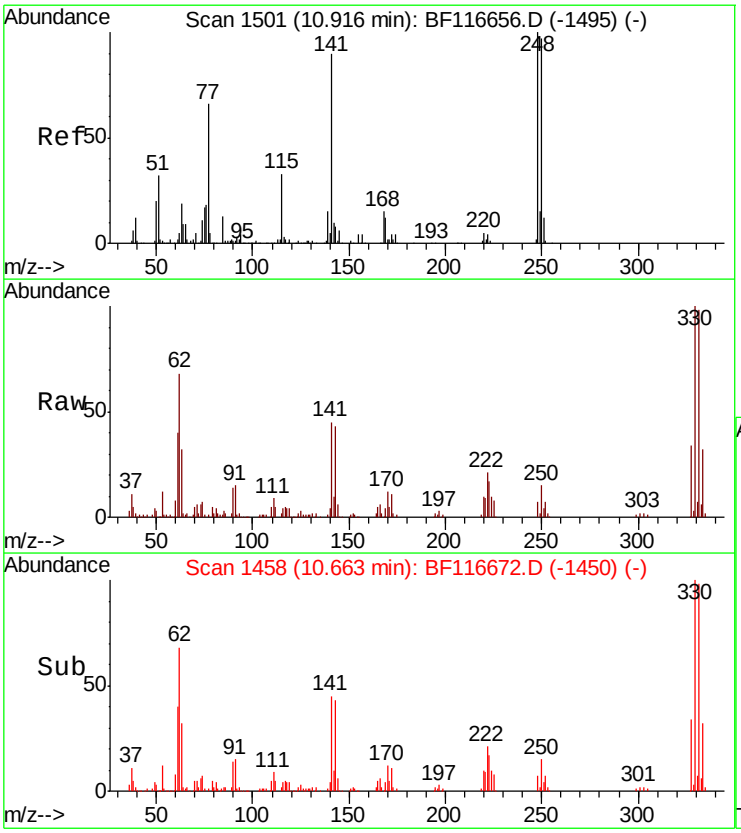
#66
n-Nitrosodiphenylamine
Concen: 0.395 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.12 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 4687

Ion	Ratio	Lower	Upper
169	100		
168	7.4	55.8	83.6#
167	56.9	29.4	44.2#

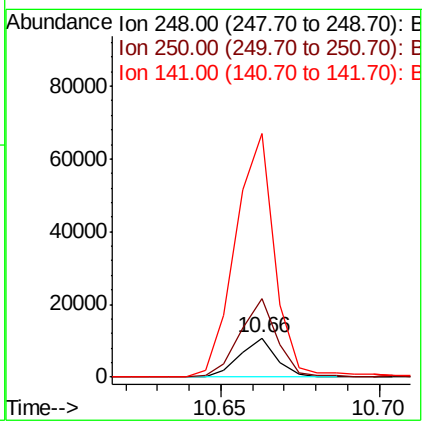


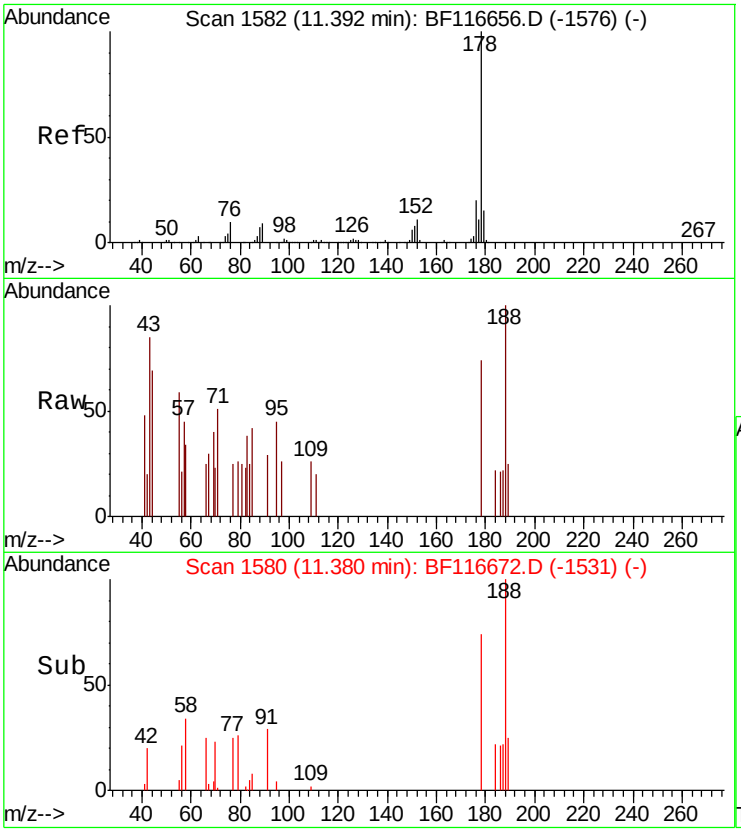


#67
4-Bromophenyl-phenylether
Concen: 2.419 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:248 Resp: 8424

Ion	Ratio	Lower	Upper
248	100		
250	200.8	77.8	116.8#
141	624.9	75.9	113.9#



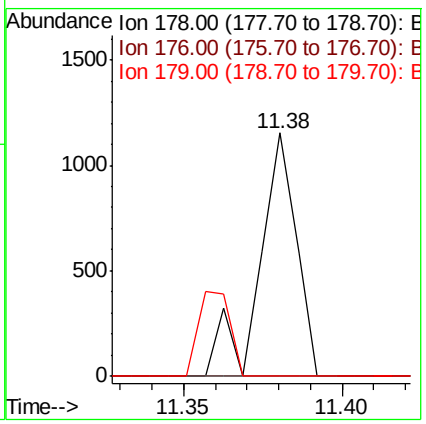


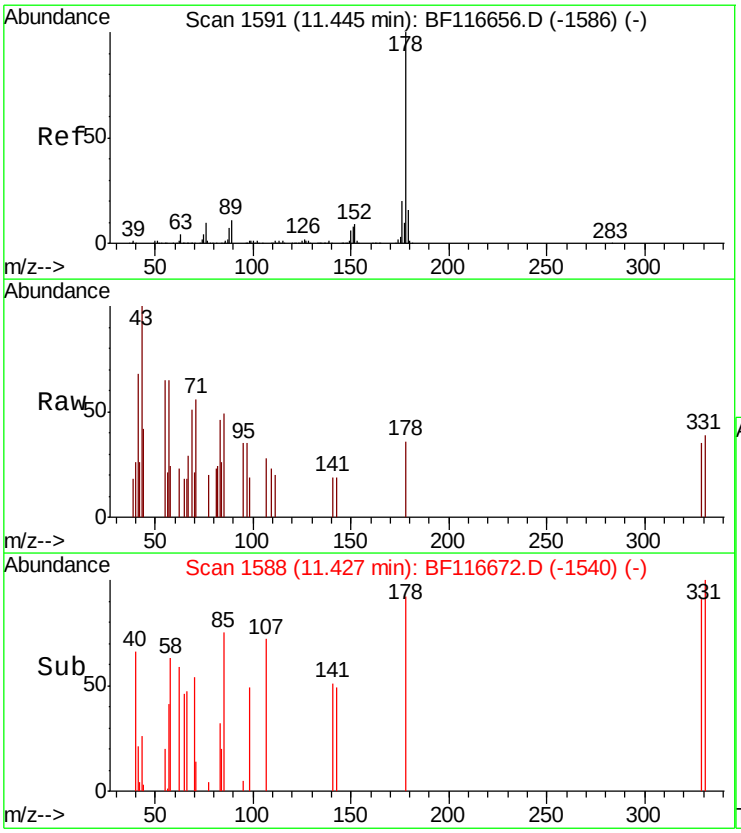
#71
Phenanthrene
Concen: 0.049 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 937

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	12.2	18.2#

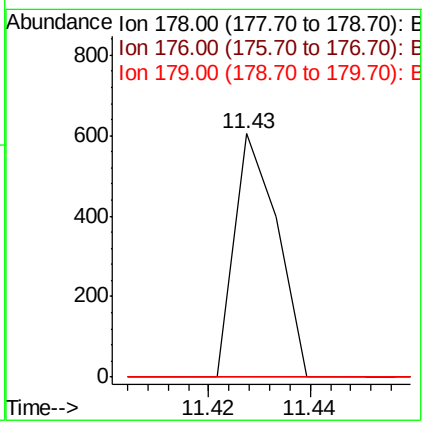


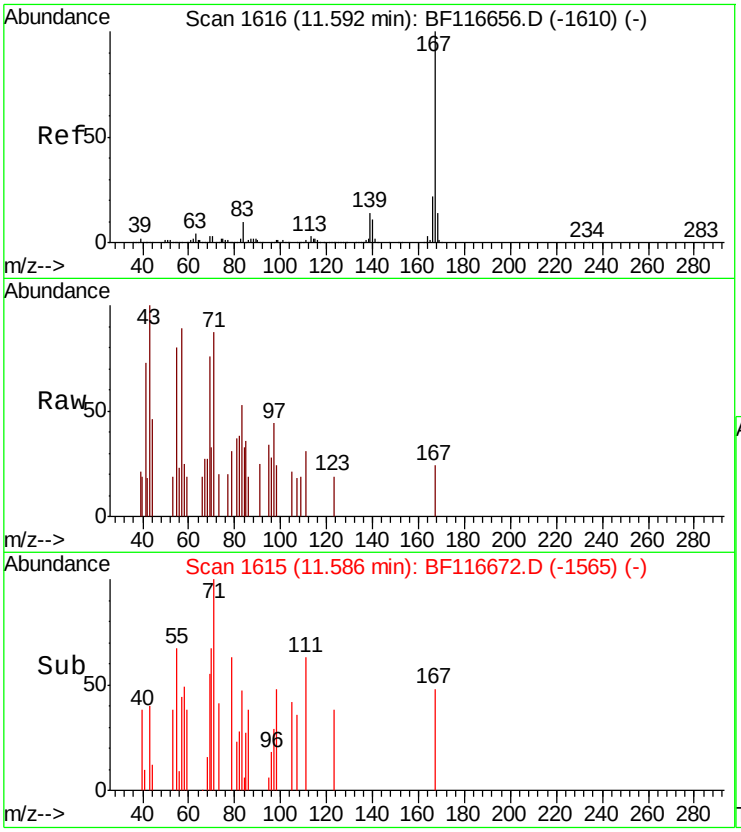


#72
Anthracene
Concen: 0.018 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:178 Resp: 355

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	12.5	18.7#



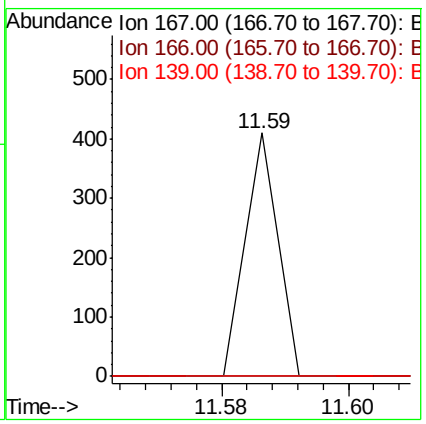


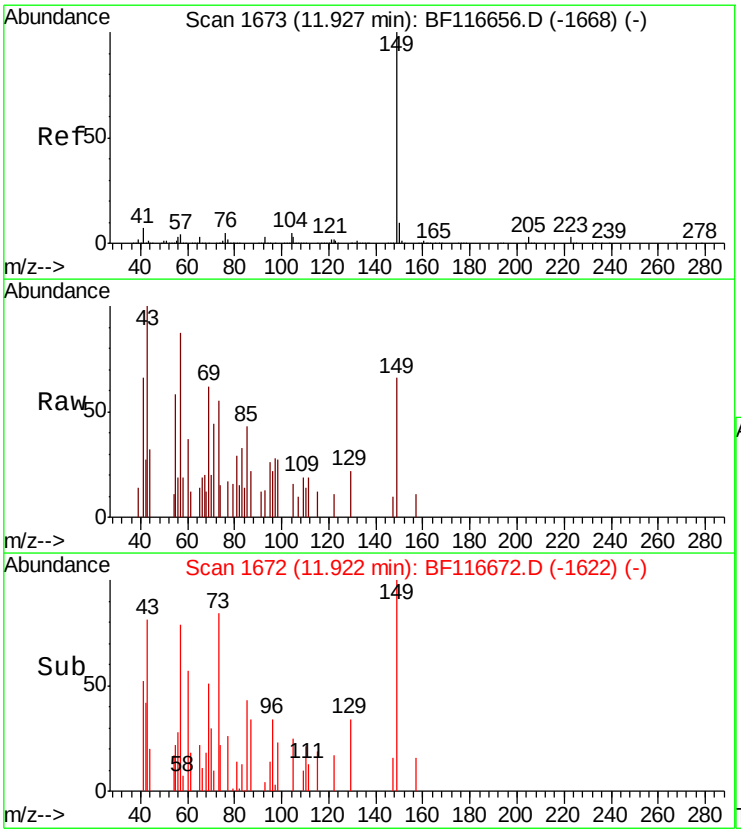
#73
Carbazole
Concen: 0.008 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 145

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.8	26.6#
139	0.0	11.1	16.7#

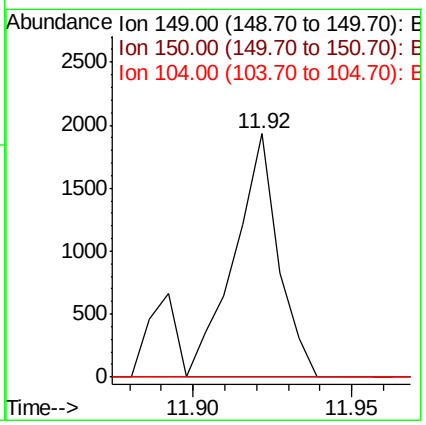


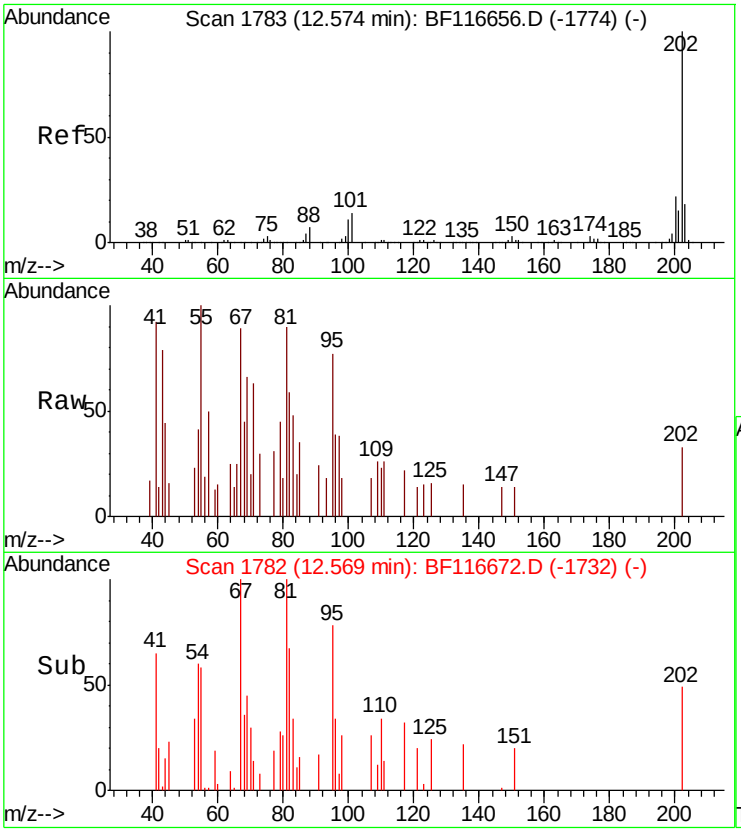


#74
Di-n-butylphthalate
Concen: 0.080 ng
RT: 11.92 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:149 Resp: 1866

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	4.2	6.2#



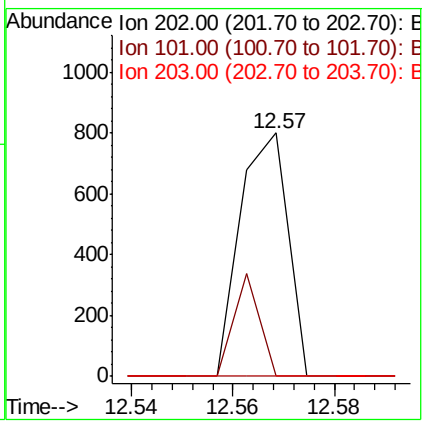


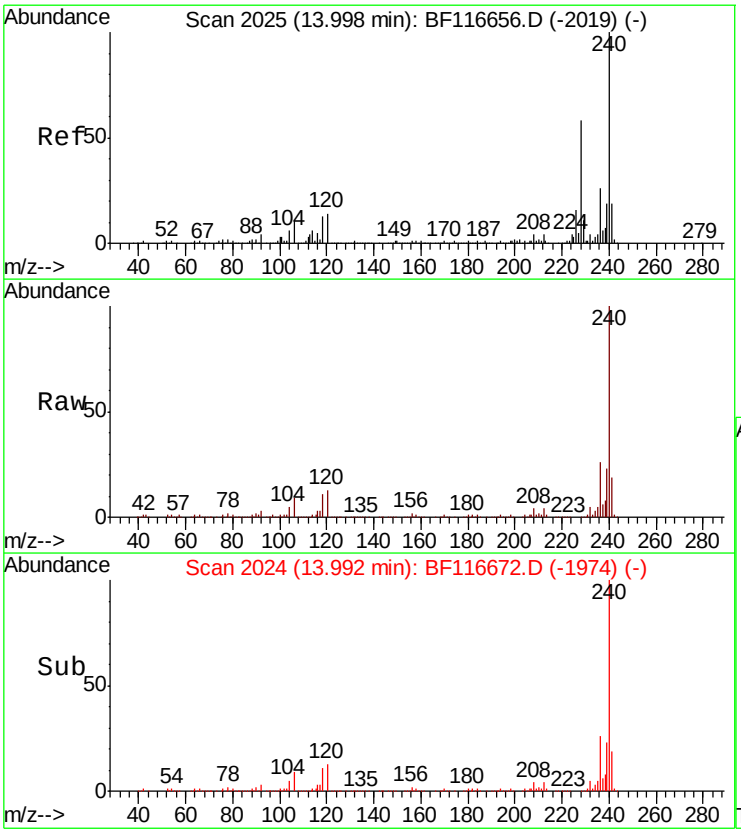
#75
Fluoranthene
Concen: 0.028 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 522

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.3
203	0.0	0.0	37.6

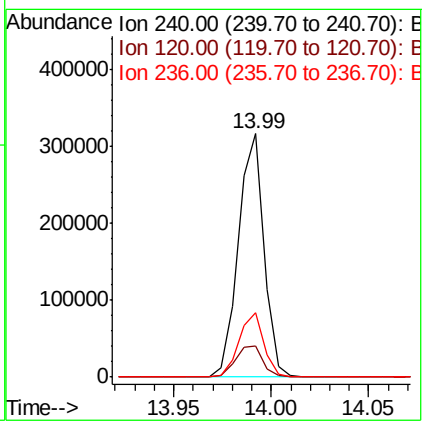


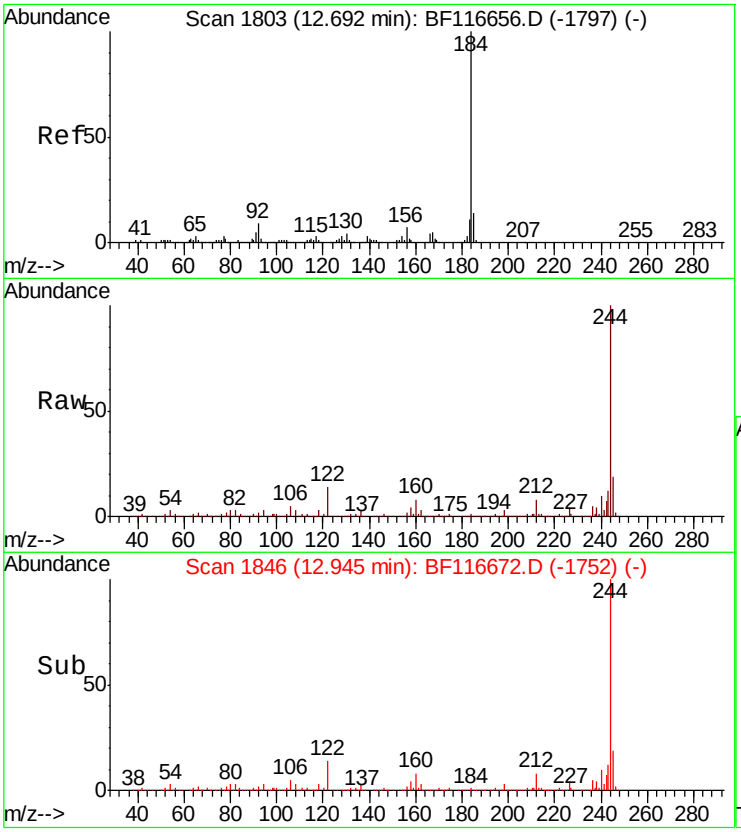


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:240 Resp: 287537

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.1	13.7
236	26.5	21.1	31.7



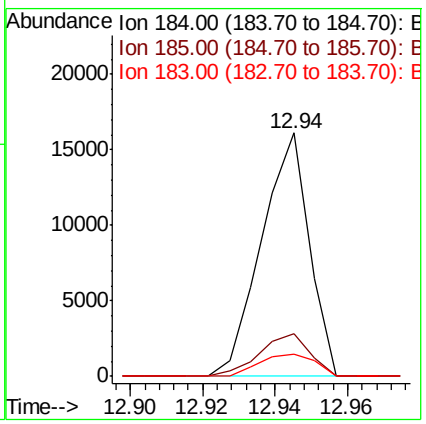


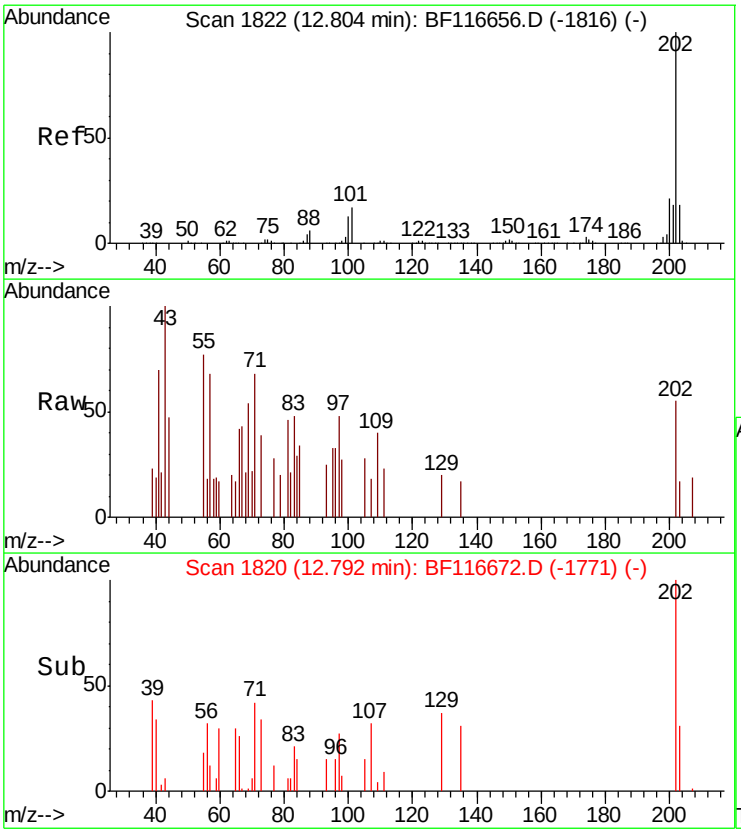
#77
Benzidine
Concen: 1.305 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.25 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 14716

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.3	16.9#
183	9.3	9.2	13.8

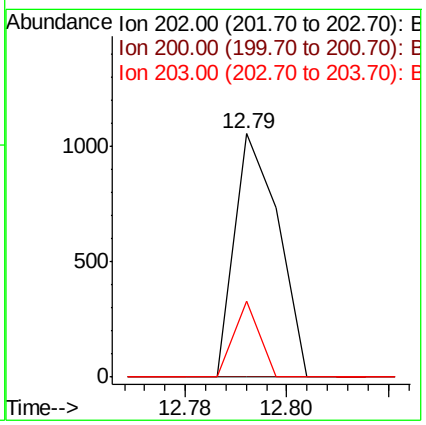


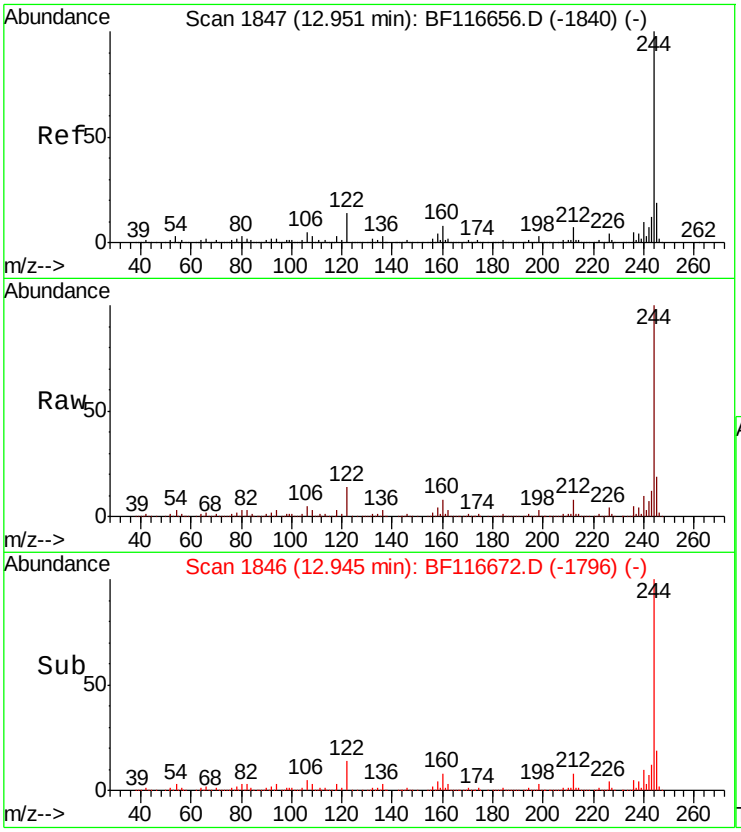


#78
Pyrene
Concen: 0.025 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:202 Resp: 632

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.5	24.7#
203	31.0	13.7	20.5#



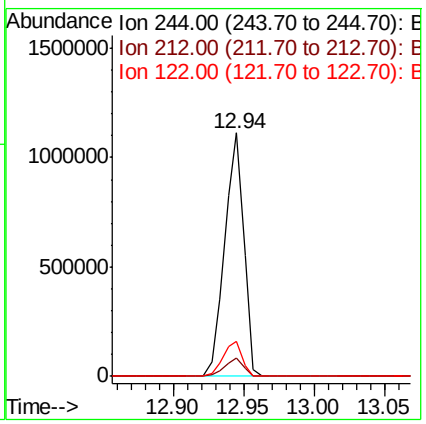


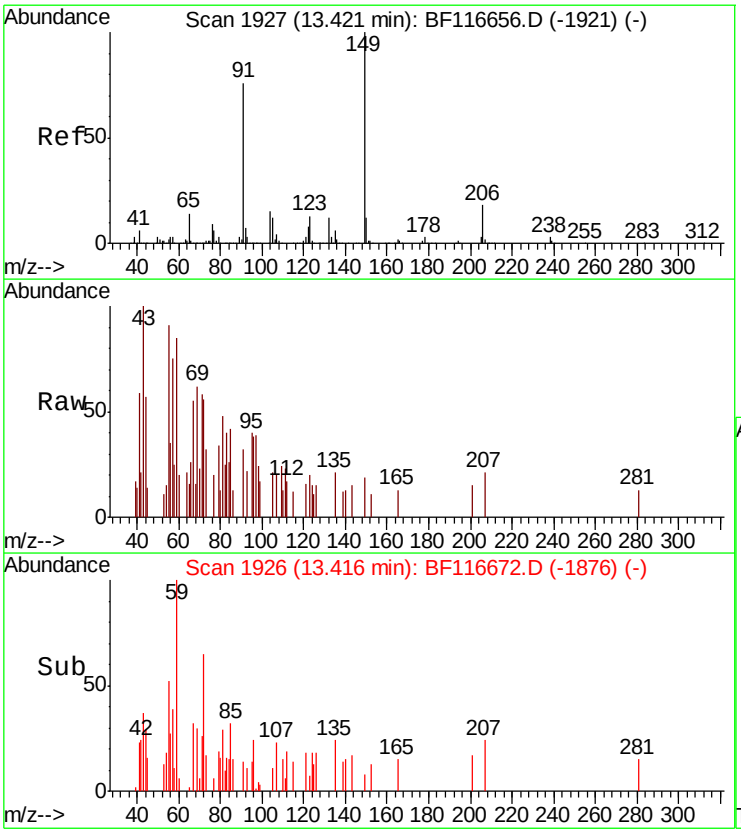
#79
Terphenyl-d14
Concen: 67.322 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1046384

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.3	10.2	15.4

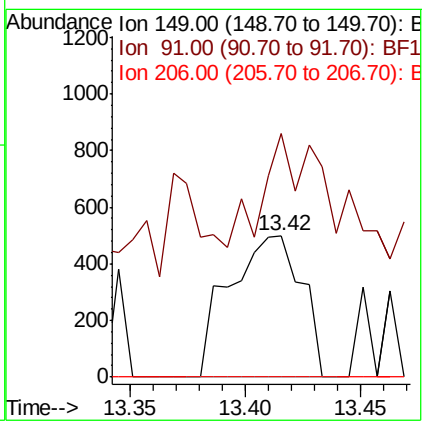


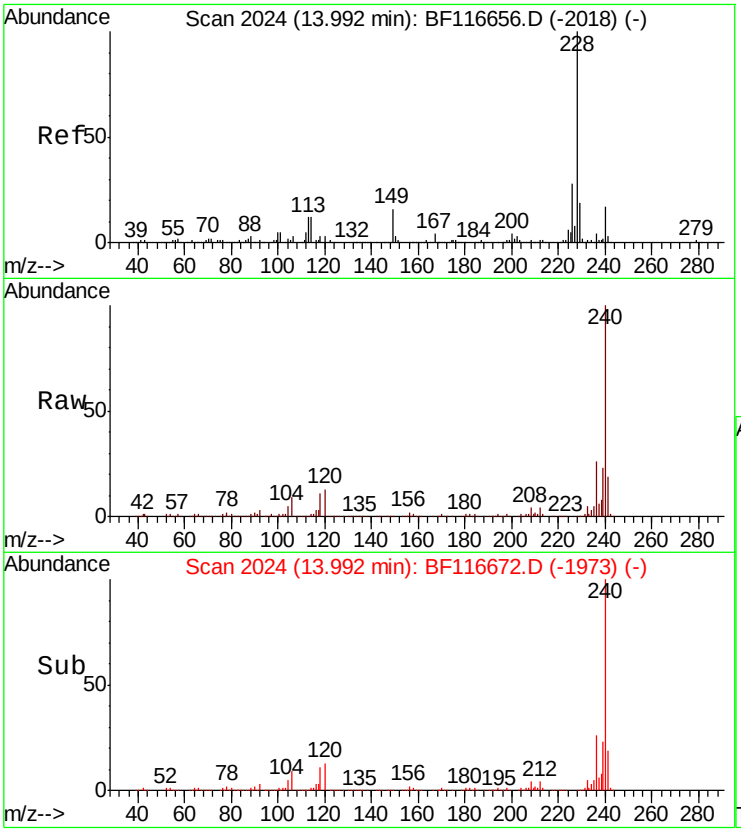


#80
Butylbenzylphthalate
Concen: 0.087 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:149 Resp: 1086

Ion	Ratio	Lower	Upper
149	100		
91	172.3	61.0	91.4#
206	0.0	14.8	22.2#



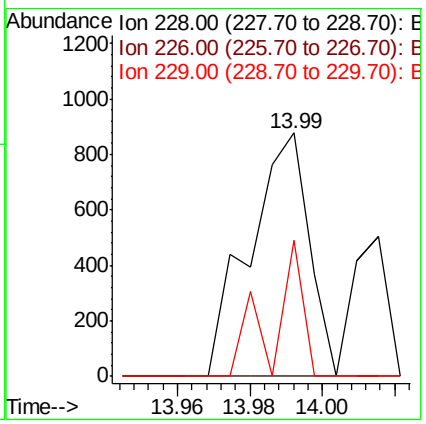


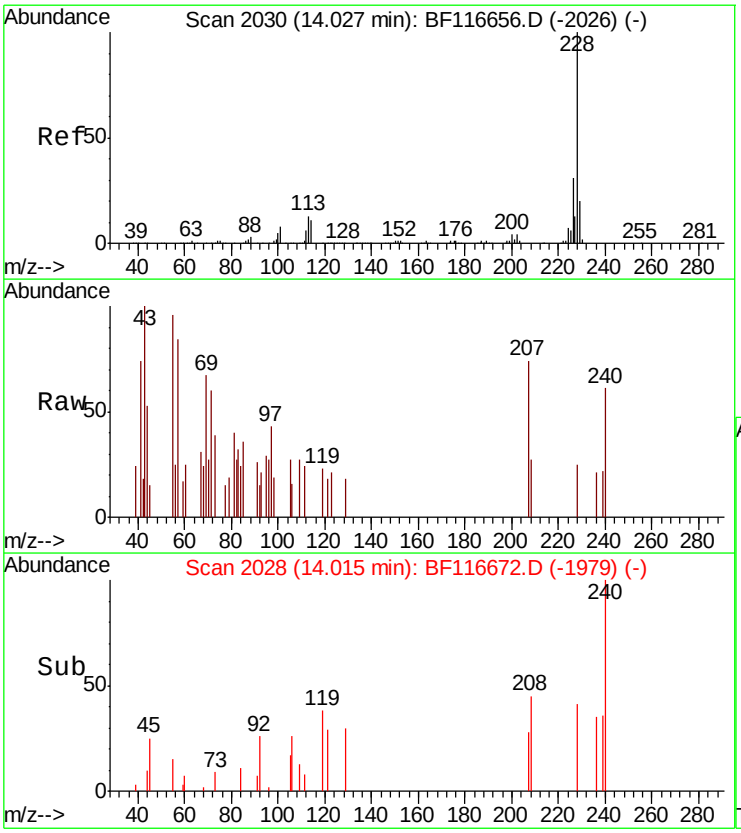
#81
Benzo(a)anthracene
Concen: 0.055 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1004

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.0	33.0#
229	55.7	16.4	24.6#

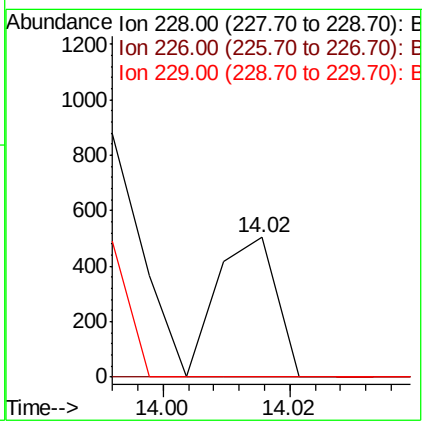


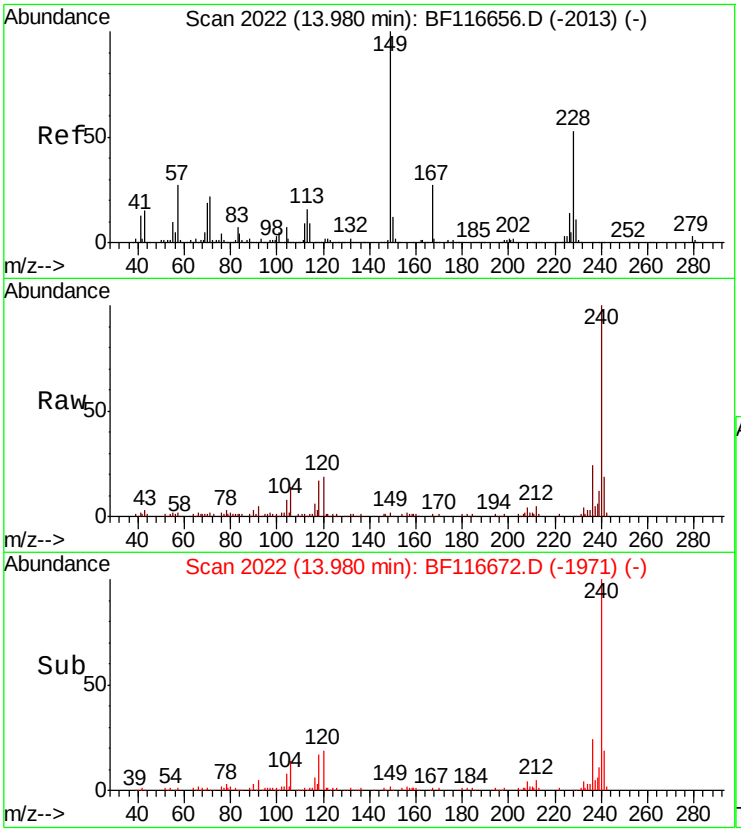


#83
Chrysene
Concen: 0.017 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:228 Resp: 324

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.0	36.0#
229	0.0	15.4	23.0#



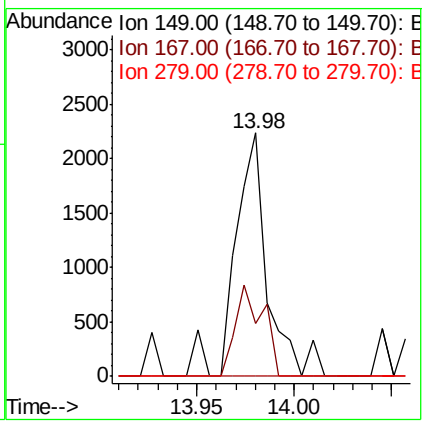


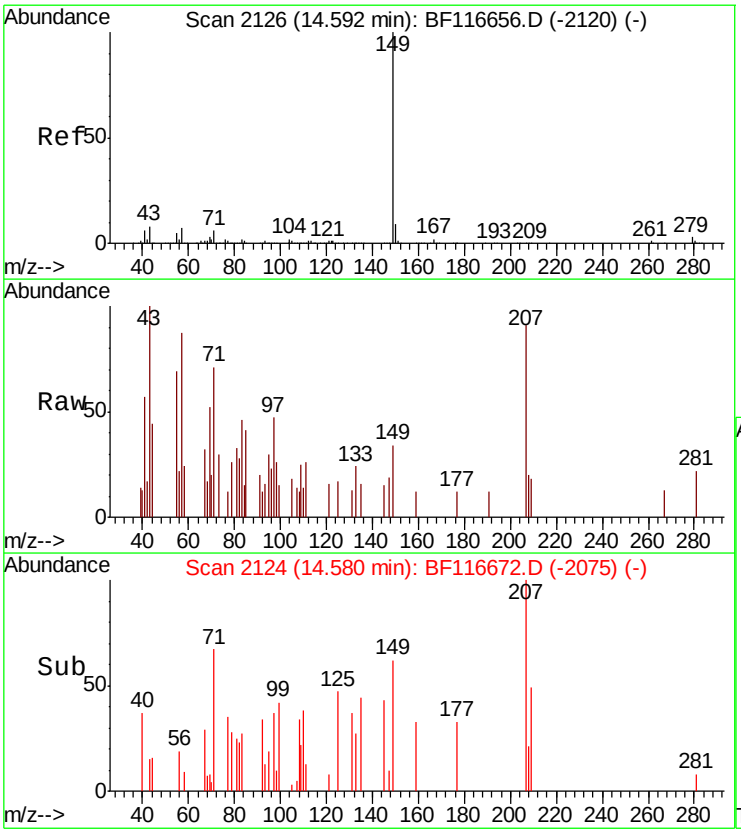
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.167 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2565

Ion	Ratio	Lower	Upper
149	100		
167	21.9	21.0	31.4
279	0.0	2.8	4.2#

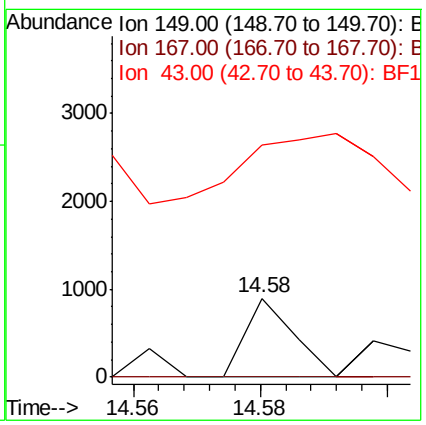


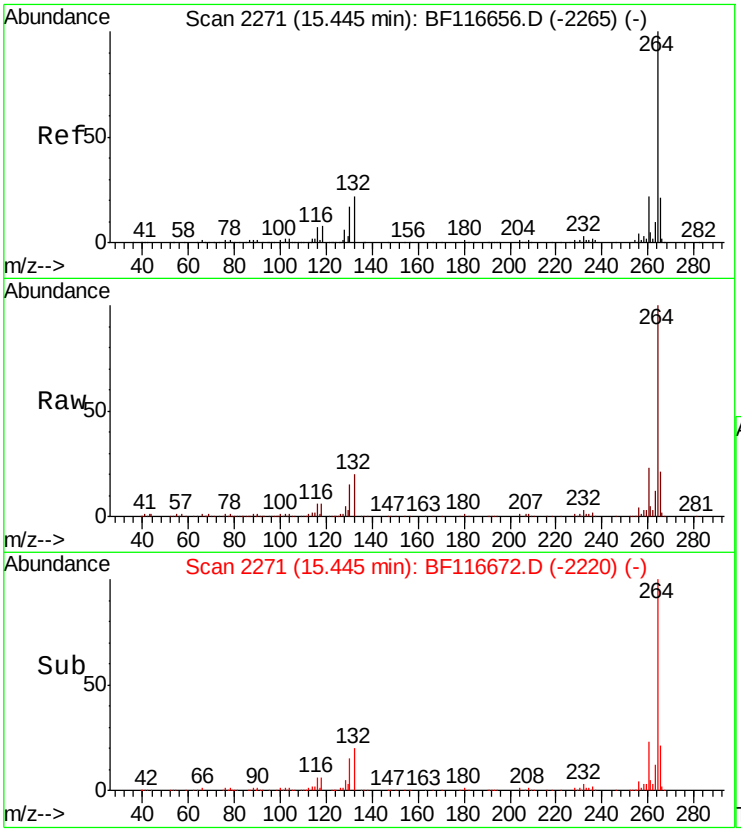


#85
Di-n-octyl phthalate
Concen: 0.019 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:149 Resp: 466

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	282.0	7.8	11.8#



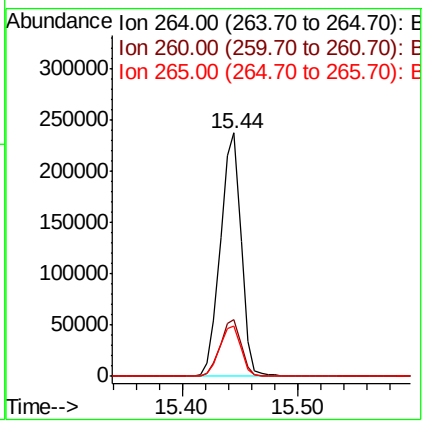


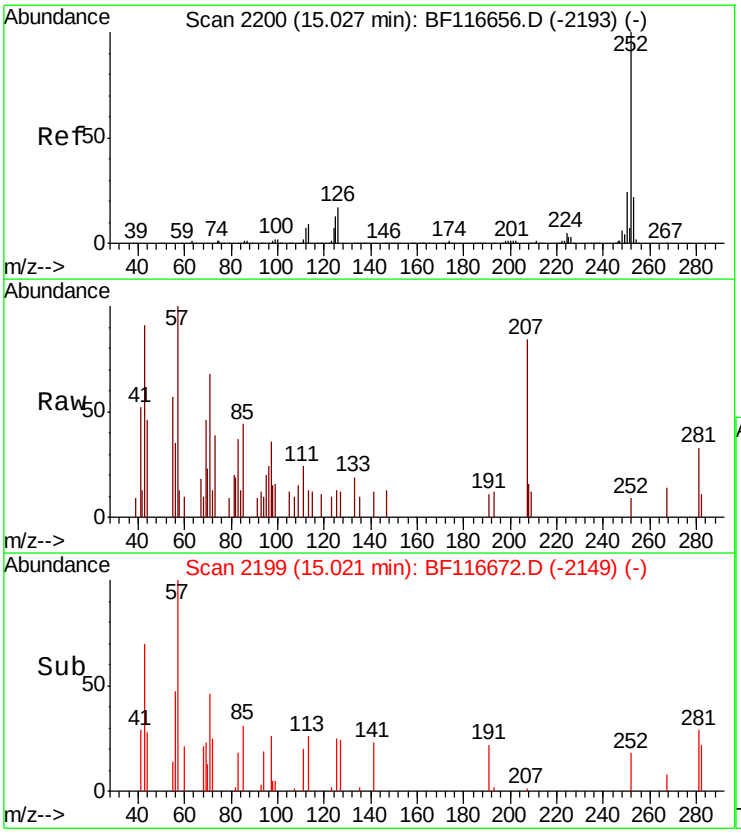
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 295879

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	20.7	16.5	24.7

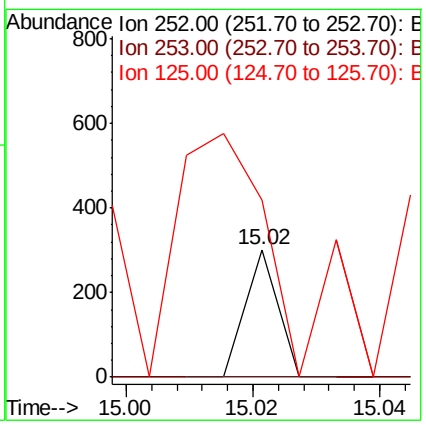


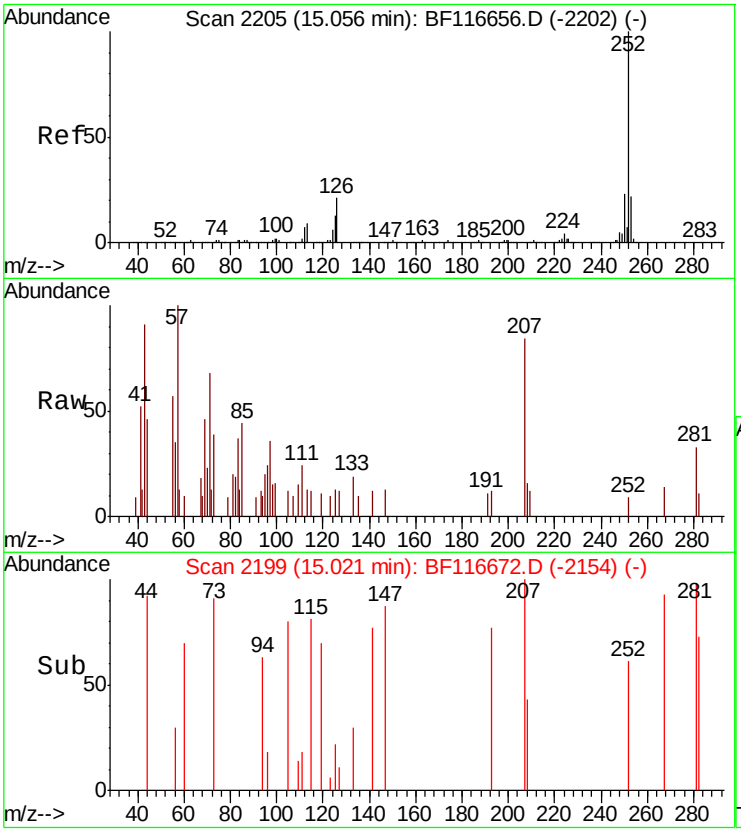


#88
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:252 Resp: 106

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	138.9	8.2	12.2#



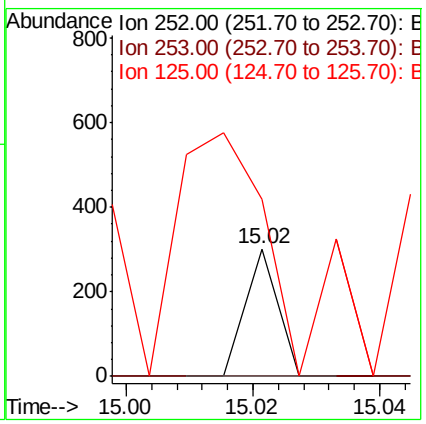


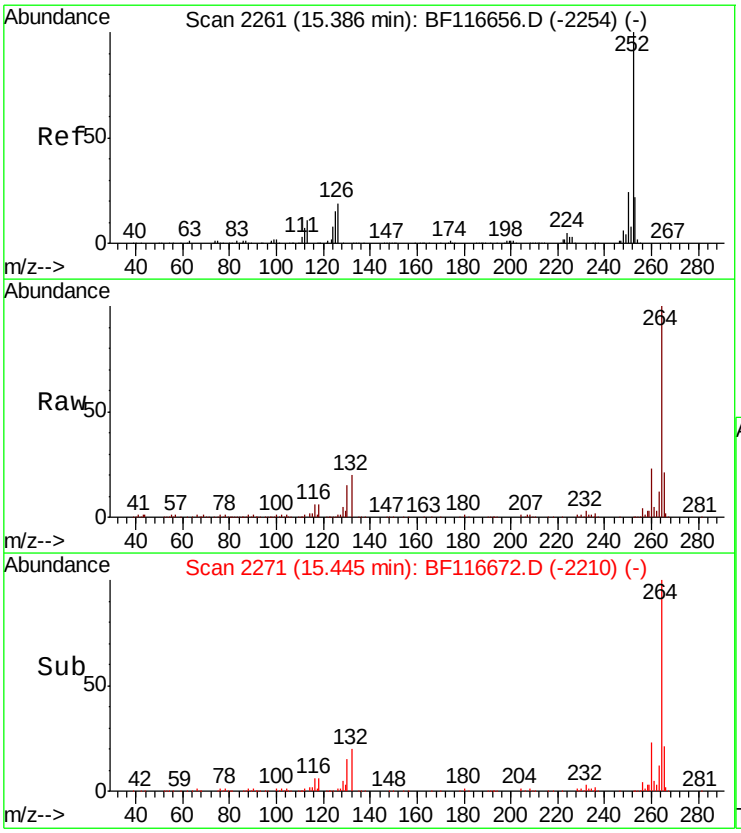
#89
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 106

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	138.9	8.6	13.0#





#90
Benzo(a)pyrene
Concen: 0.063 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.06 min
Lab File: BF116672.D
Acq: 31 Aug 2019 1:31

Tgt Ion:252 Resp: 977

Ion	Ratio	Lower	Upper
252	100		
253	30.7	18.1	27.1#
125	31.5	9.8	14.8#