Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119421.D
Acq On : 18 Mar 2020 18:03
Operator : CG/JU
Sample : L1933-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11976

Quant Time: Mar 19 01:17:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	349754	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1331123	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	669942	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1216757	20.00	ng		0.00
76) Chrysene-d12	14.03	240	721733	20.00	ng		0.00
87) Perylene-d12	15.49	264	643467	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2157001	98.18	ng		0.01
7) Phenol-d6	6.47	99	2722127	96.99	ng		0.00
23) Nitrobenzene-d5	7.42	82	1705518	69.63	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	677920	98.08	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2773777	61.34	ng		0.00
79) Terphenyl-d14	12.97	244	2684155	72.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	770	0.07	ng	#	52
3) Pyridine	3.49	79	112	0.00	ng	#	1
4) n-Nitrosodimethylamine	3.29	42	249	0.02	ng	#	1
6) Aniline	6.51	93	142	0.00	ng	#	46
9) Benzaldehyde	6.40	77	720	0.04	ng	#	63
10) Phenol	6.48	94	10497	0.35	ng	#	1
11) bis(2-Chloroethyl)ether	6.51	93	142	0.01	ng	#	15
12) 1,3-Dichlorobenzene	6.87	146	498	0.02	ng	#	73
13) 1,4-Dichlorobenzene	6.87	146	498	0.02	ng	#	65
14) 1,2-Dichlorobenzene	7.02	146	158	0.01	ng	#	1
15) Benzyl Alcohol	7.01	79	26272	1.24	ng	#	47
16) 2,2'-oxybis(1-Chloropropan	7.12	45	345	0.01	ng		75
17) 2-Methylphenol	7.01	107	109	0.01	ng	#	1
18) Hexachloroethane	7.47	117	130	0.01	ng	#	3
19) n-Nitroso-di-n-propylamine	7.42	70	229302	13.55	ng	#	73
20) 3+4-Methylphenols	7.01	107	109	0.00	ng	#	1
22) Acetophenone	7.26	105	1311	0.04	ng	#	75
24) Nitrobenzene	7.42	77	4793	0.18	ng	#	37
25) Isophorone	7.42	82	1704219	34.30	ng	#	66
27) 2,4-Dimethylphenol	7.80	122	692	0.03	ng	#	3
28) bis(2-Chloroethoxy)methane	8.14	93	345	0.01	ng	#	1
31) Naphthalene	8.16	128	5498	0.08	ng	#	93
32) Benzoic acid	7.80	122	692	0.05	ng		84
33) 4-Chloroaniline	8.16	127	730	0.02	ng	#	33
35) Caprolactam	8.56	113	260	0.04	ng	#	1
36) 4-Chloro-3-methylphenol	8.69	107	140	0.01	ng	#	19
37) 2-Methylnaphthalene	8.95	142	3049	0.07	ng		93
38) 1-Methylnaphthalene	8.95	142	3049	0.07	ng	#	94
46) 1,1'-Biphenyl	9.32	154	9078	0.17	ng		94
47) 2-Chloronaphthalene	9.61	162	3914	0.09	ng	#	1
48) 2-Nitroaniline	9.36	65	296	0.02	ng	#	9
49) Acenaphthylene	9.76	152	3650	0.05	ng	#	81
50) Dimethylphthalate	9.61	163	587953	12.36	ng		99
51) 2,6-Dinitrotoluene	9.61	165	6255	0.61	ng	#	3

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119421.D
Acq On : 18 Mar 2020 18:03
Operator : CG/JU
Sample : L1933-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11976

Quant Time: Mar 19 01:17:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.93	154	2428	0.06	ng	#	94
53) 3-Nitroaniline	9.89	138	177	0.01	ng	#	1
55) Dibenzofuran	10.10	168	3041	0.05	ng	#	94
56) 4-Nitrophenol	9.98	139	148	0.01	ng	#	51
57) 2,4-Dinitrotoluene	9.90	165	87101	6.78	ng	#	25
58) Fluorene	10.45	166	3966	0.09	ng		94
60) Diethylphthalate	10.32	149	1757	0.04	ng	#	73
63) Azobenzene	10.60	77	750	0.02	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.69	198	1303	0.26	ng	#	1
66) n-Nitrosodiphenylamine	10.56	169	1228	0.03	ng	#	25
67) 4-Bromophenyl-phenylether	10.69	248	42543	3.07	ng	#	1
69) Atrazine	11.04	200	119	0.01	ng	#	34
70) Pentachlorophenol	11.19	266	125	0.02	ng	#	17
71) Phenanthrene	11.41	178	44431	0.70	ng		95
72) Anthracene	11.41	178	44431	0.69	ng		96
73) Carbazole	11.61	167	5609	0.09	ng	#	94
74) Di-n-butylphthalate	11.95	149	6292	0.09	ng	#	94
75) Fluoranthene	12.60	202	77330	1.13	ng		95
77) Benzidine	12.97	184	33859	1.11	ng	#	95
78) Pyrene	12.82	202	83118	1.40	ng		97
80) Butylbenzylphthalate	13.44	149	962	0.04	ng	#	23
81) Benzo(a)anthracene	14.05	228	32996	0.70	ng		94
82) 3,3'-Dichlorobenzidine	13.97	252	364	0.02	ng	#	27
83) Chrysene	14.05	228	32996	0.68	ng		96
84) Bis(2-ethylhexyl)phthalate	14.02	149	16410	0.57	ng		91
85) Di-n-octyl phthalate	14.60	149	817	0.02	ng	#	44
86) Indeno(1,2,3-cd)pyrene	16.80	276	3291	0.07	ng		98
88) Benzo(b)fluoranthene	15.06	252	40139	0.93	ng	#	89
89) Benzo(k)fluoranthene	15.06	252	40139	0.98	ng	#	89
90) Benzo(a)pyrene	15.43	252	19939	0.51	ng		94
91) Dibenzo(a,h)anthracene	16.97	278	4864	0.14	ng	#	73
92) Benzo(g,h,i)perylene	17.39	276	15730	0.46	ng	#	88

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119421.D
Acq On : 18 Mar 2020 18:03
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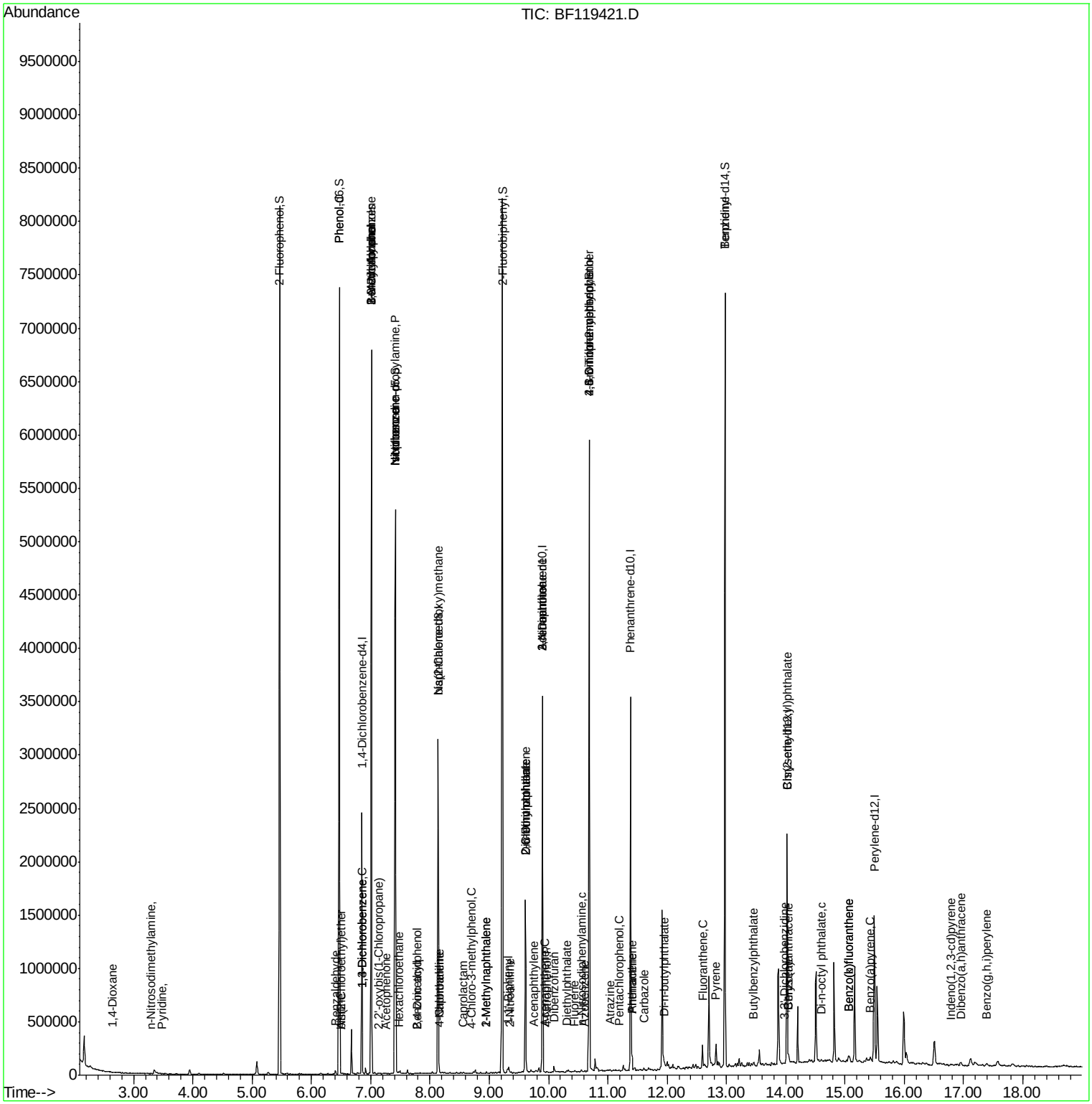
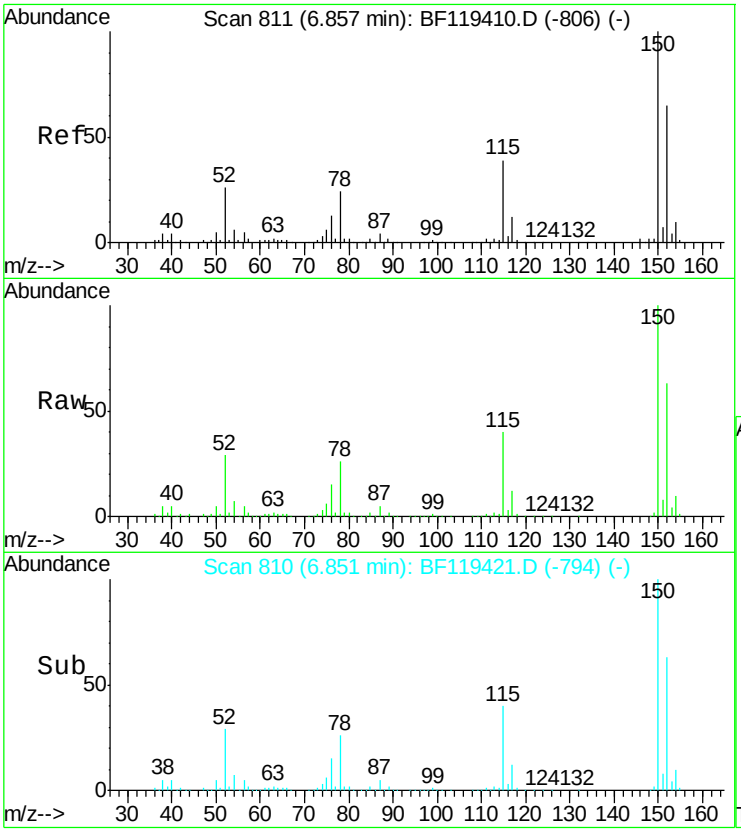
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11976

Quant Time: Mar 19 01:17:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration



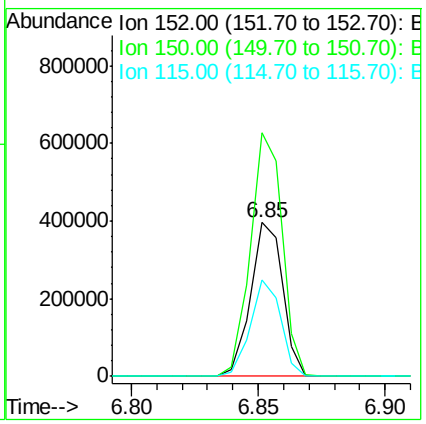


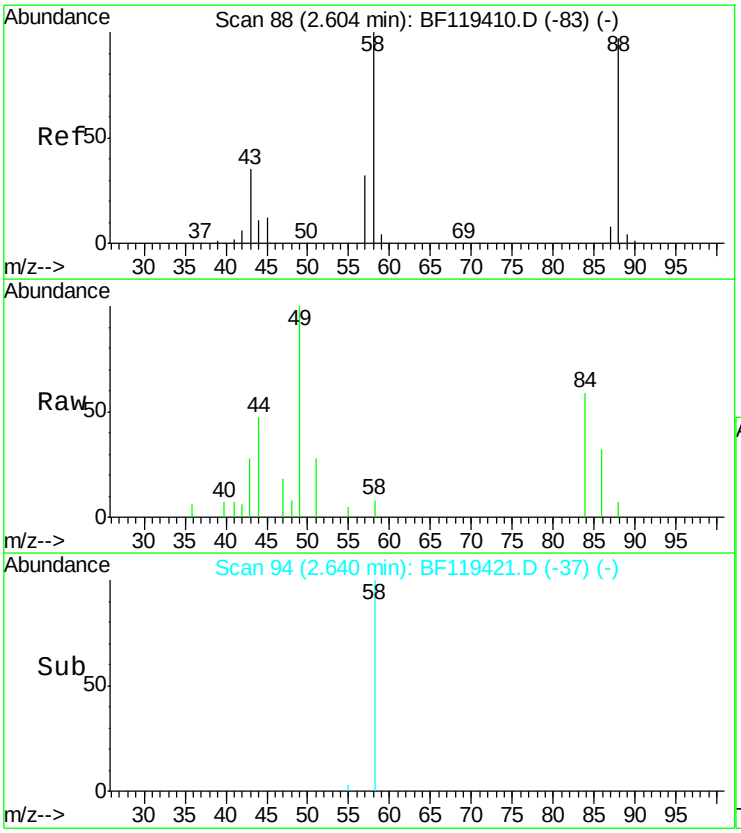
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:152 Resp: 349754

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.9	185.9
115	63.0	47.8	71.6

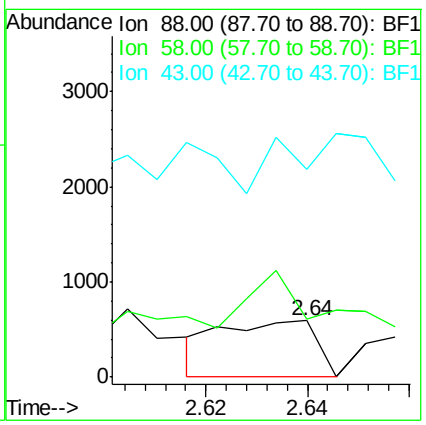


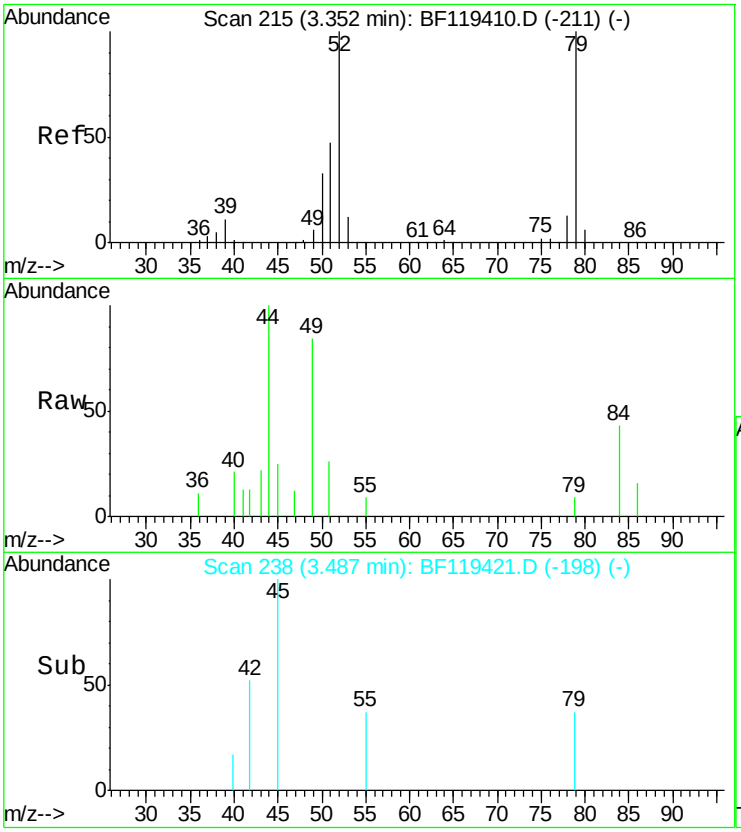


#2
1,4-Dioxane
Concen: 0.07 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.04 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 88 Resp: 770

Ion	Ratio	Lower	Upper
88	100		
58	120.3	79.4	119.2#
43	107.9	28.4	42.6#



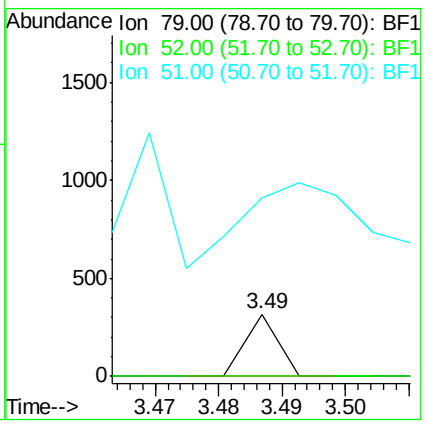


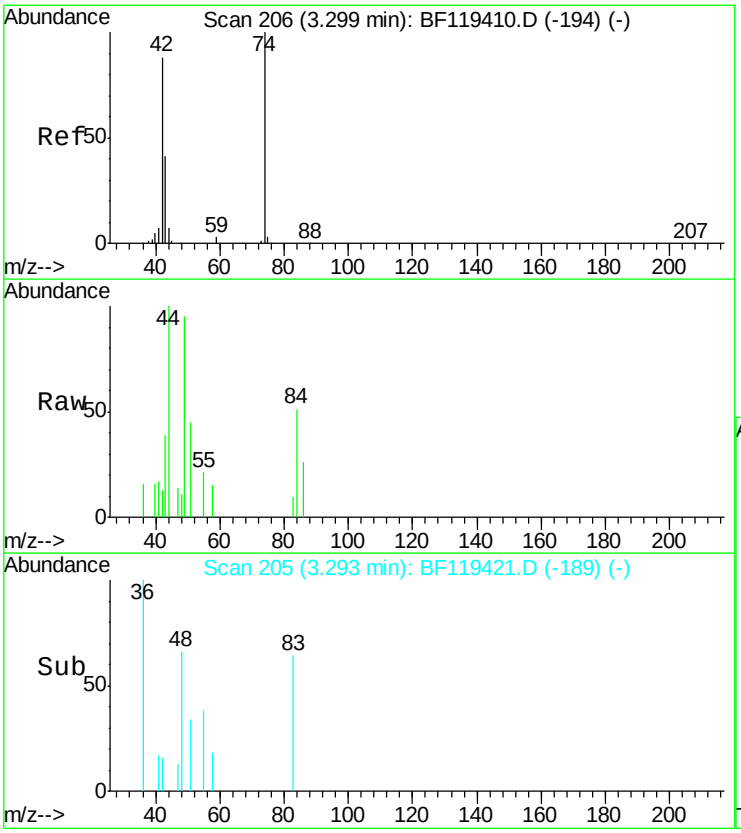
#3
Pyridine
Concen: 0.00 ng
RT: 3.49 min Scan# 238
Delta R.T. 0.14 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion: 79 Resp: 112

Ion	Ratio	Lower	Upper
79	100		
52	0.0	80.0	120.0#
51	285.5	37.9	56.9#

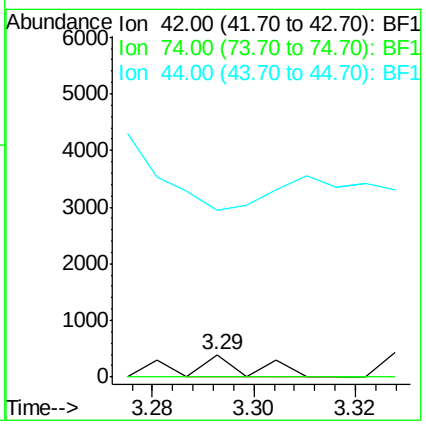


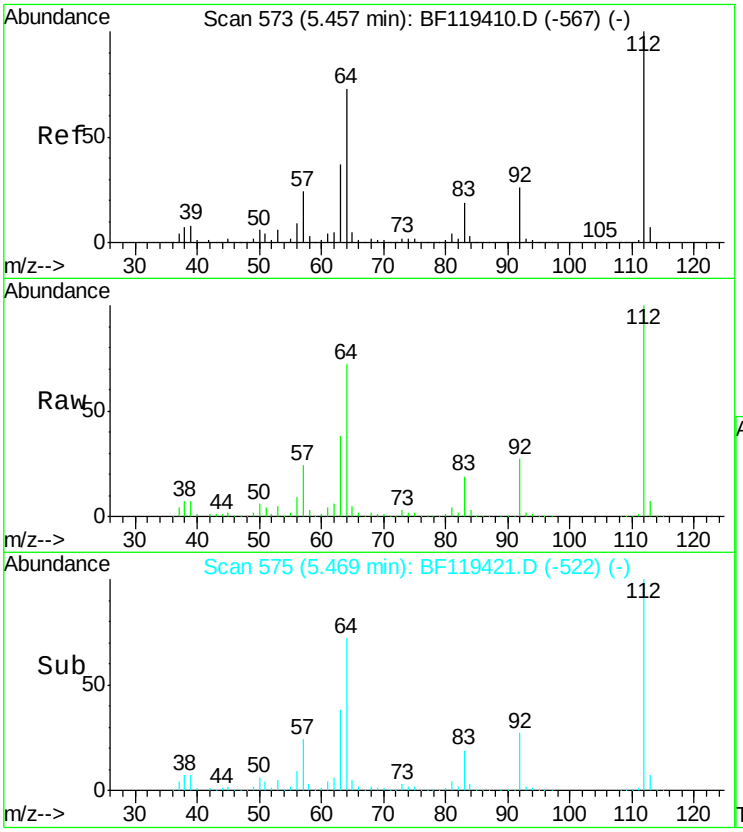


#4
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.29 min Scan# 205
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 42 Resp: 249

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.3	136.9#
44	747.3	7.1	10.7#



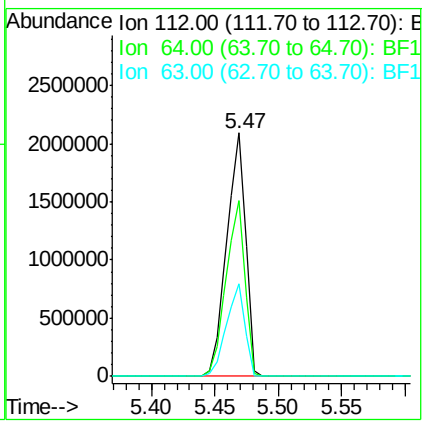


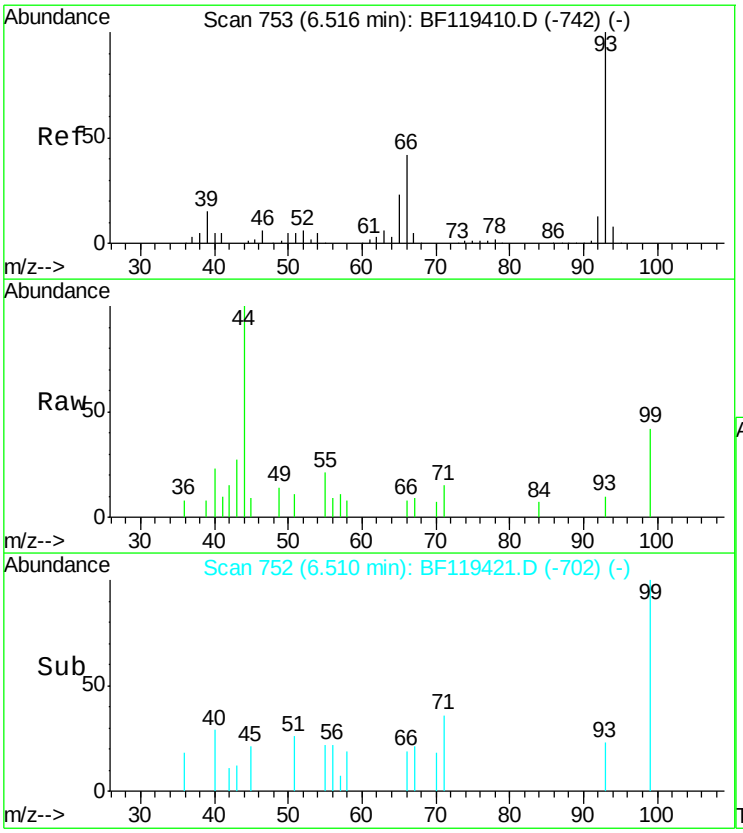
#5
2-Fluorophenol
Concen: 98.18 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:112 Resp: 2157001

Ion	Ratio	Lower	Upper
112	100		
64	72.2	58.1	87.1
63	37.8	29.7	44.5

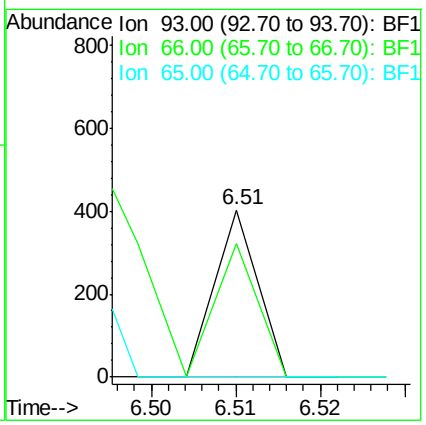


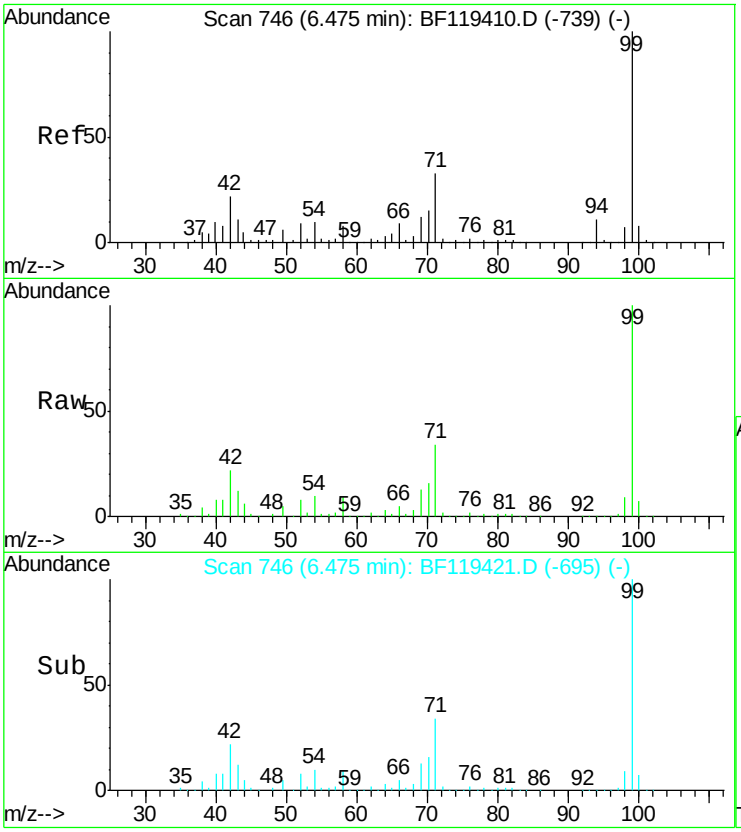


#6
Aniline
Concen: 0.00 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 93 Resp: 142

Ion	Ratio	Lower	Upper
93	100		
66	79.9	34.2	51.4#
65	0.0	18.2	27.4#



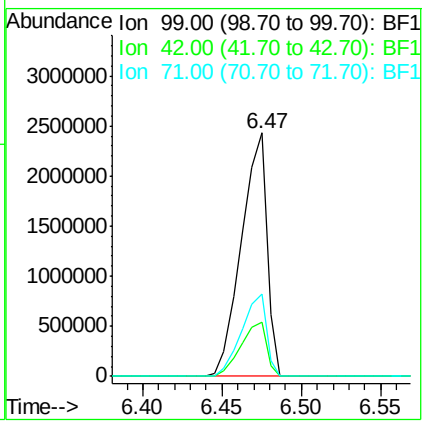


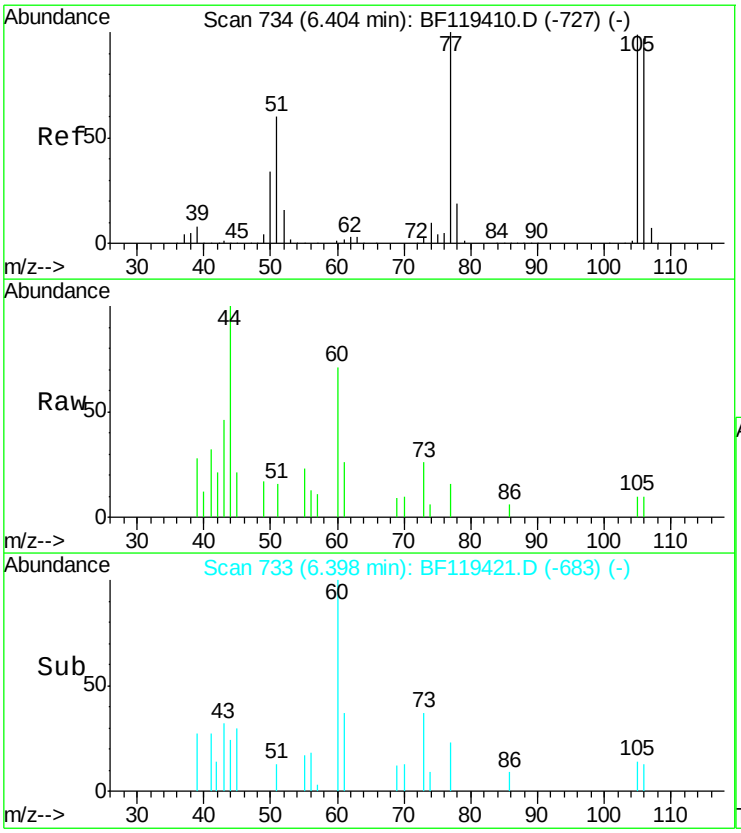
#7
Phenol-d6
Concen: 96.99 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion: 99 Resp: 2722127

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.8	26.6
71	33.7	26.0	39.0

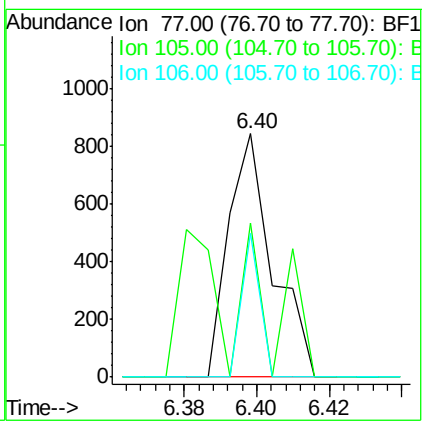


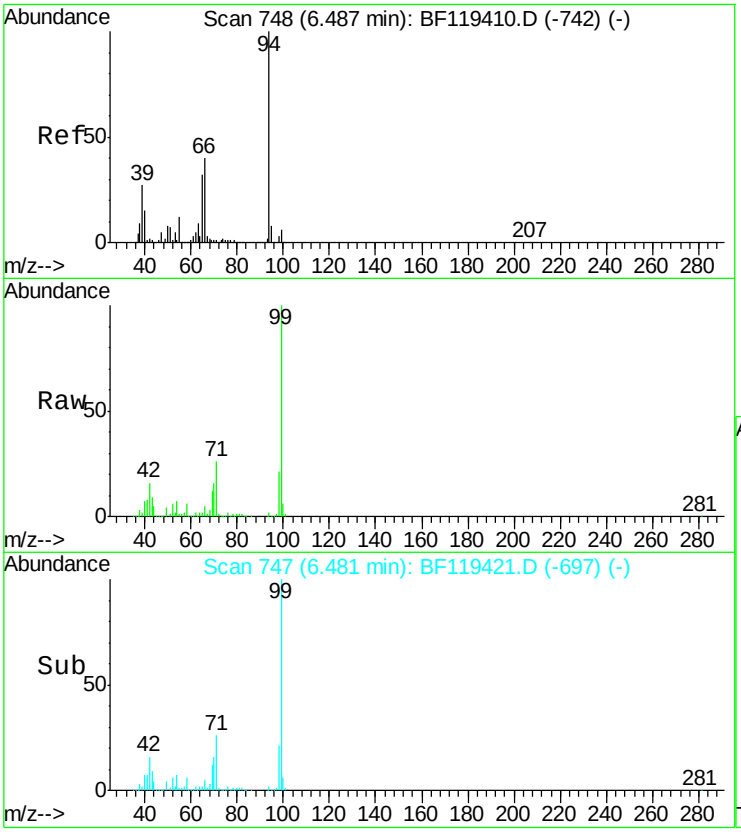


#9
Benzaldehyde
Concen: 0.04 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 77 Resp: 720

Ion	Ratio	Lower	Upper
77	100		
105	63.5	78.6	118.6#
106	58.8	76.5	116.5#



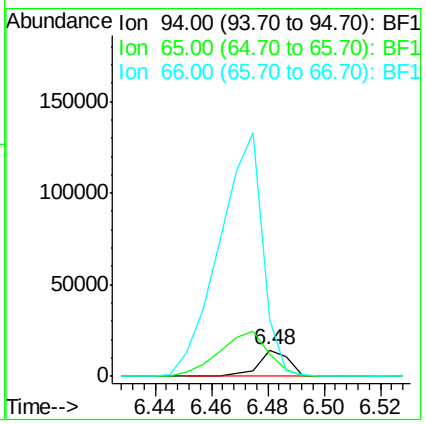


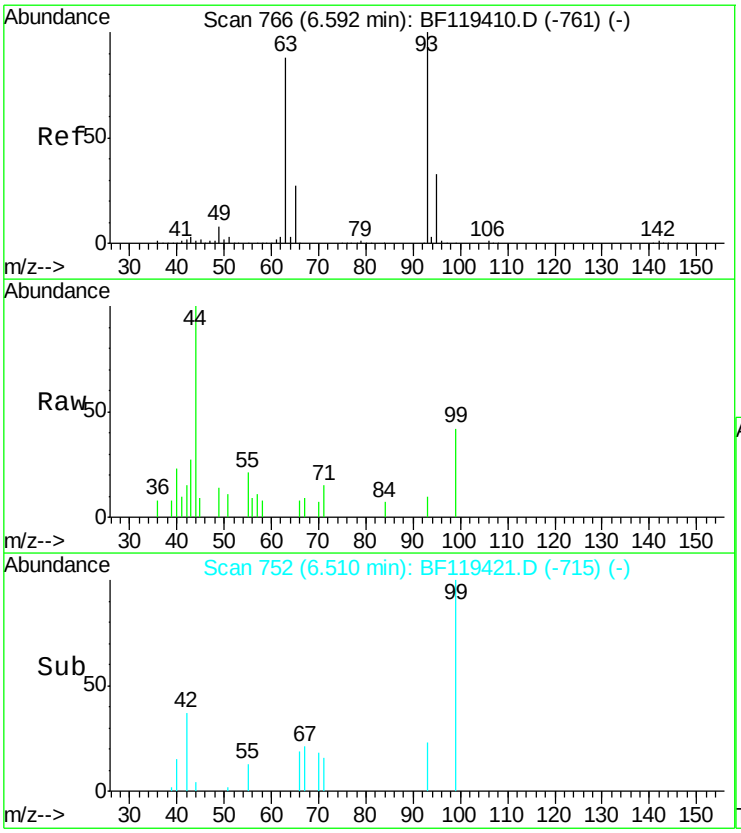
#10
Phenol
Concen: 0.35 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion: 94 Resp: 10497

Ion	Ratio	Lower	Upper
94	100		
65	85.9	12.0	52.0#
66	218.5	20.6	60.6#

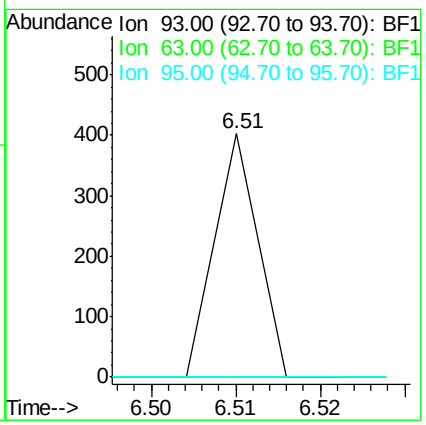


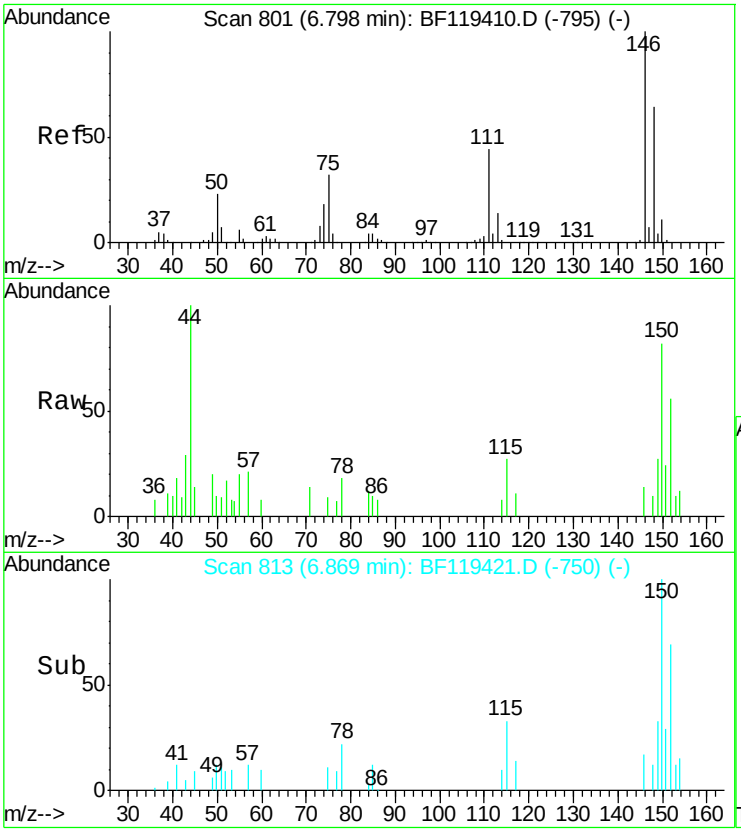


#11
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.08 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 93 Resp: 142

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.4	108.4#
95	0.0	13.4	53.4#



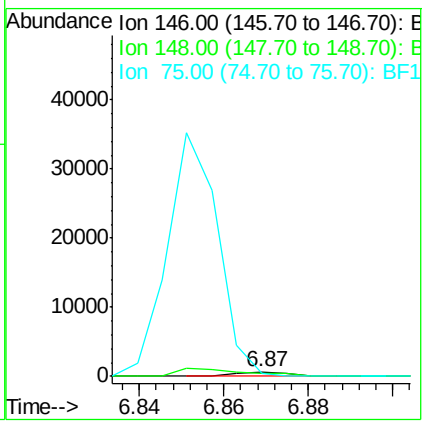


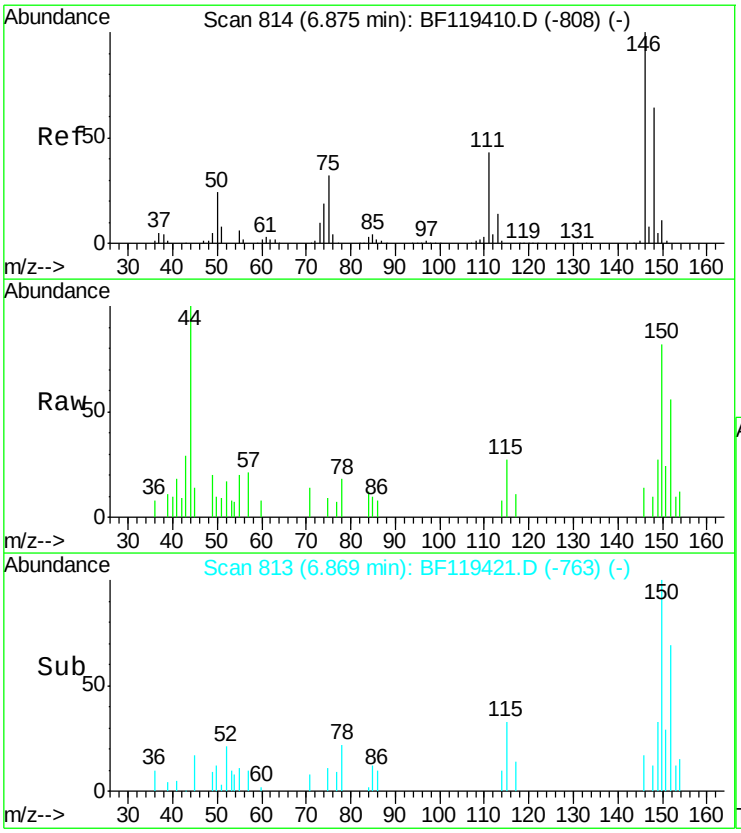
#12
1,3-Dichlorobenzene
Concen: 0.02 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.07 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:146 Resp: 498

Ion	Ratio	Lower	Upper
146	100		
148	73.2	51.4	77.0
75	64.5	25.8	38.8#

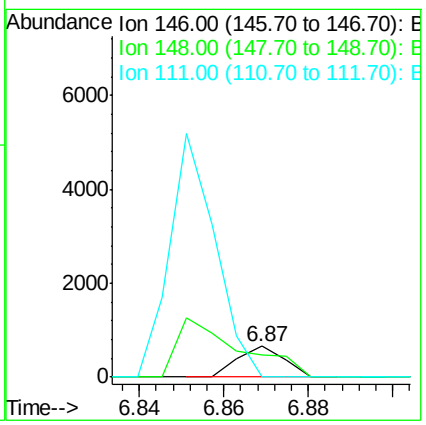


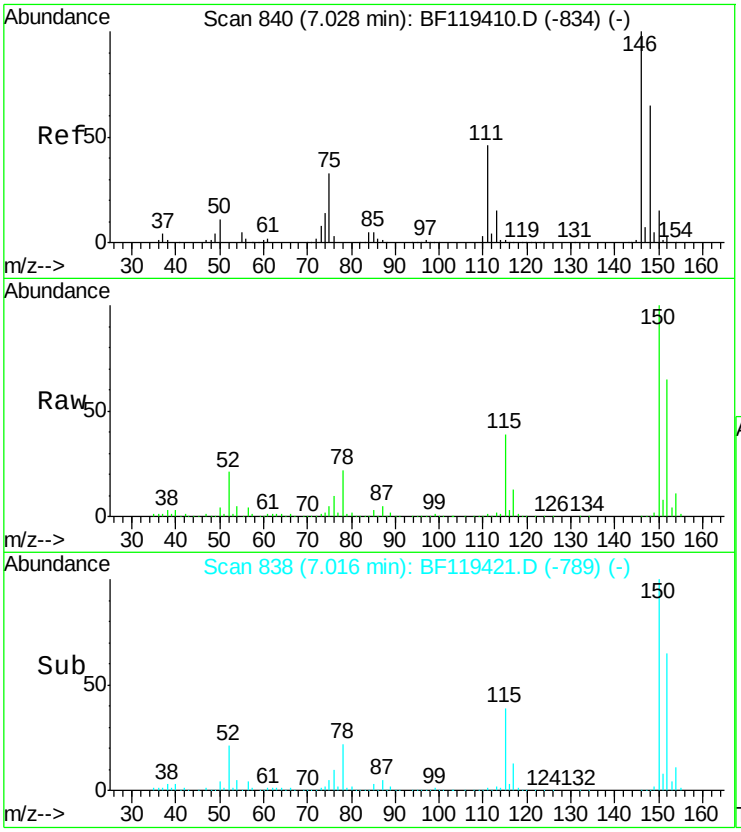


#13
1,4-Dichlorobenzene
Concen: 0.02 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:146 Resp: 498

Ion	Ratio	Lower	Upper
146	100		
148	73.2	50.9	76.3
111	0.0	34.6	52.0#



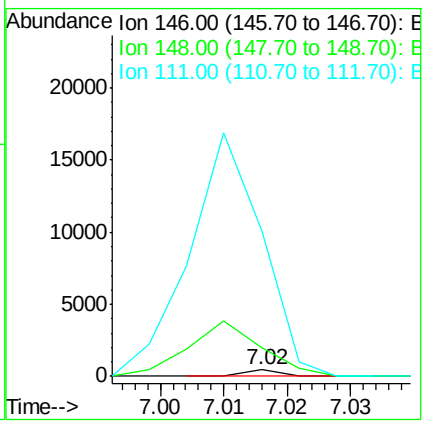


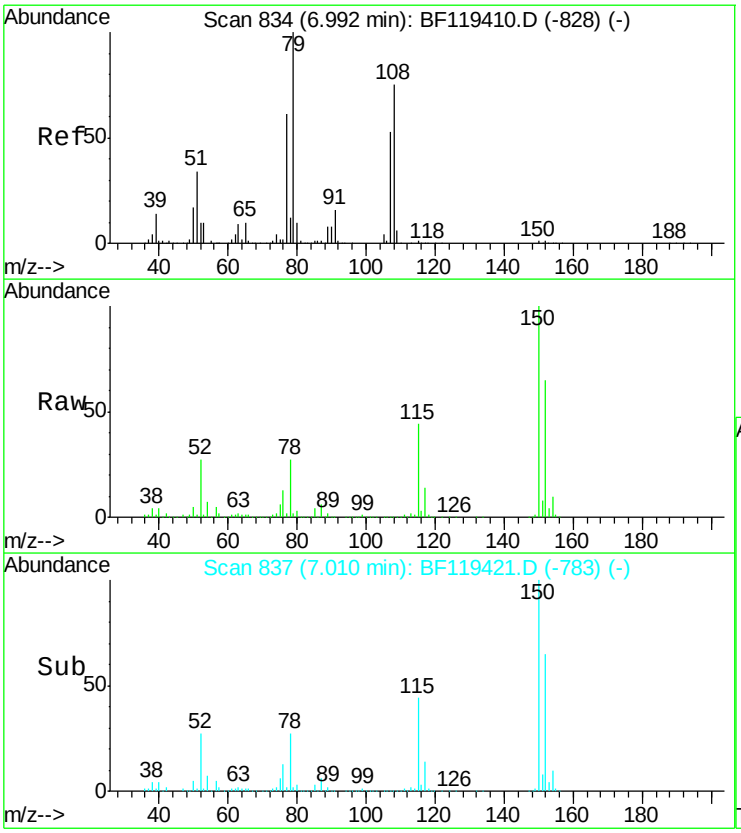
#14
1,2-Dichlorobenzene
Concen: 0.01 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:146 Resp: 158

Ion	Ratio	Lower	Upper
146	100		
148	447.0	51.7	77.5#
111	2249.9	36.4	54.6#

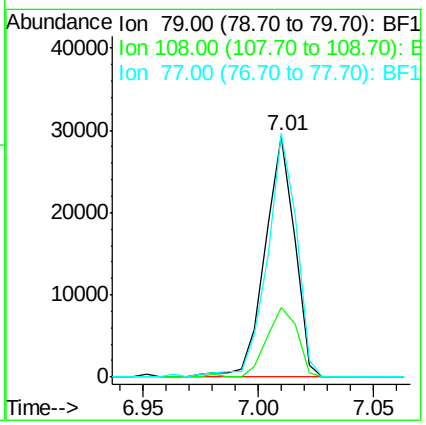


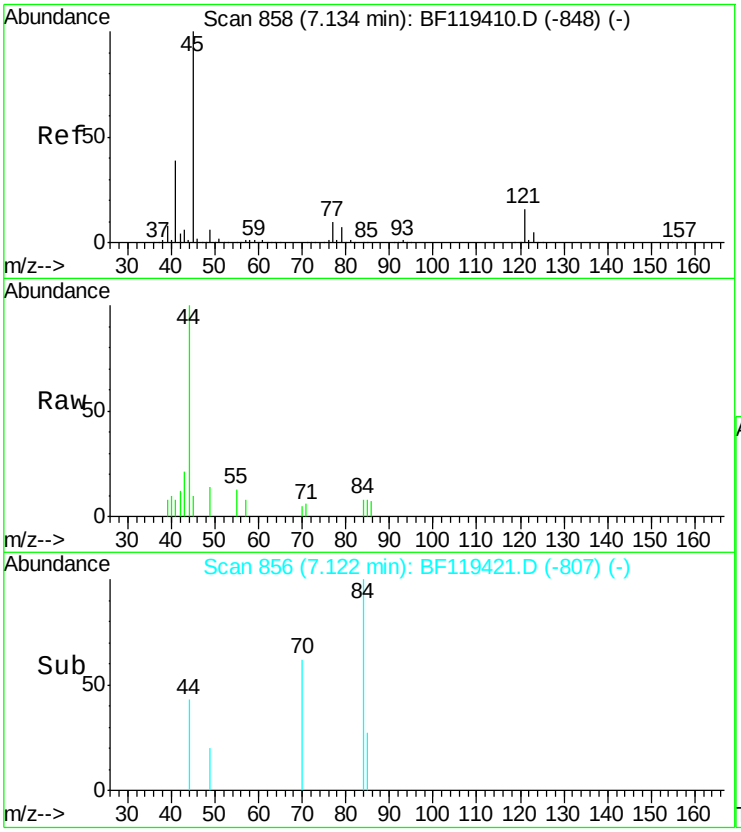


#15
Benzyl Alcohol
Concen: 1.24 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.02 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 79 Resp: 26272

Ion	Ratio	Lower	Upper
79	100		
108	28.9	60.4	90.6#
77	100.7	49.0	73.4#



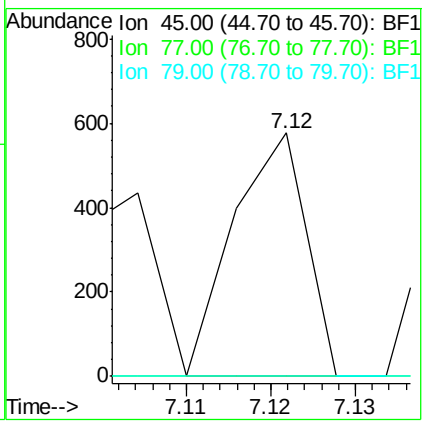


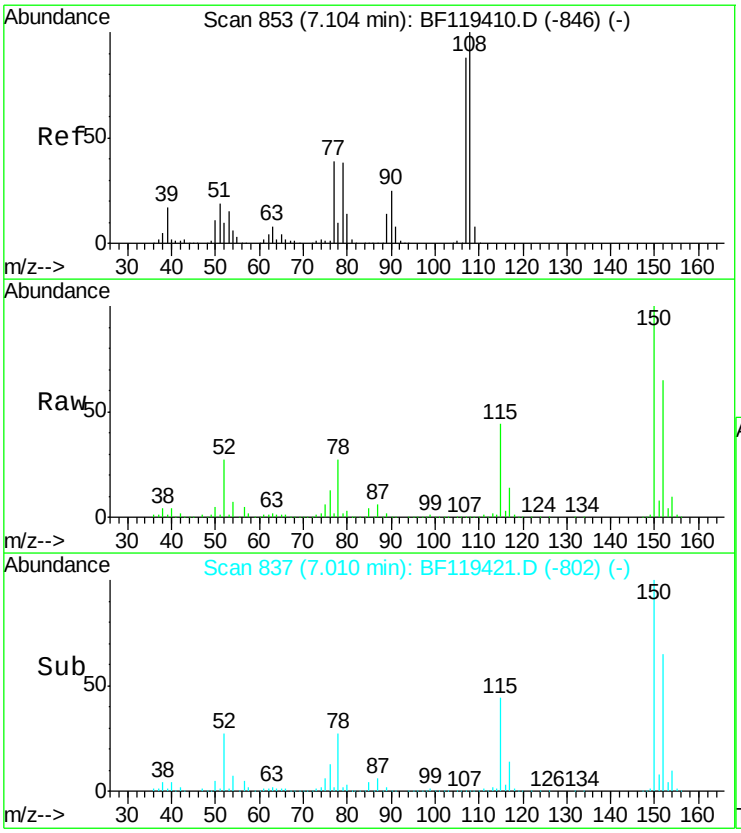
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion: 45 Resp: 345

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.1
79	0.0	0.0	27.4

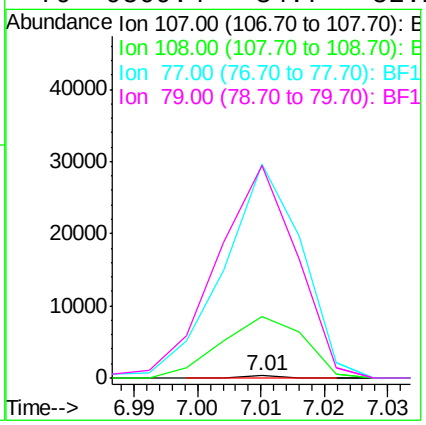


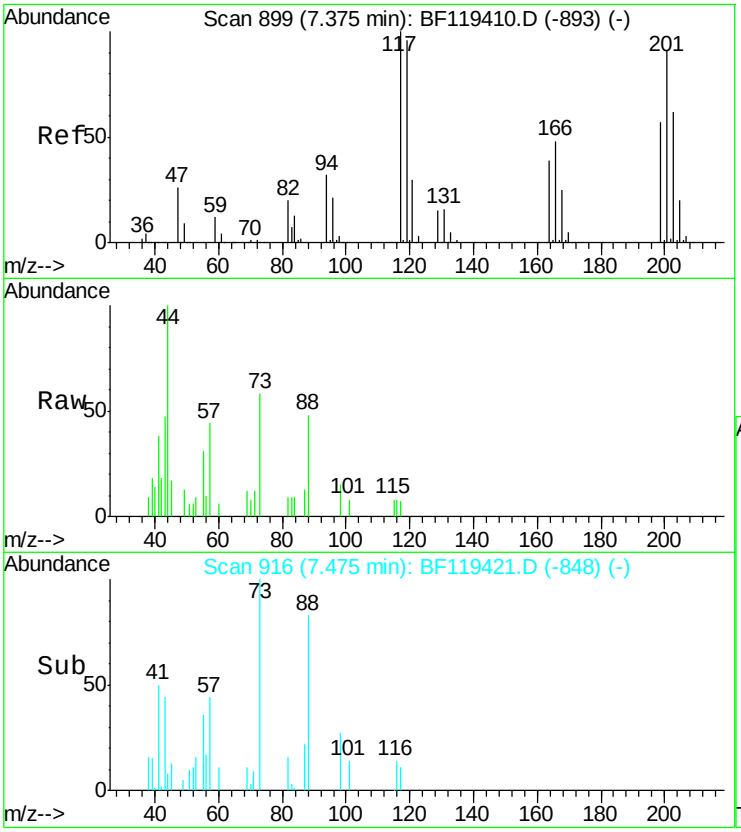


#17
2-Methylphenol
Concen: 0.01 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.09 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:107 Resp: 109

Ion	Ratio	Lower	Upper
107	100		
108	2745.3	90.7	136.1#
77	9579.3	35.6	53.4#
79	9509.4	34.7	52.1#



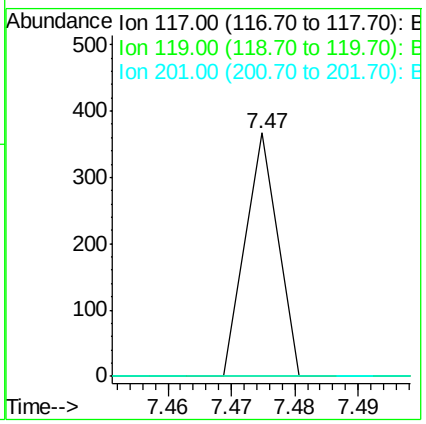


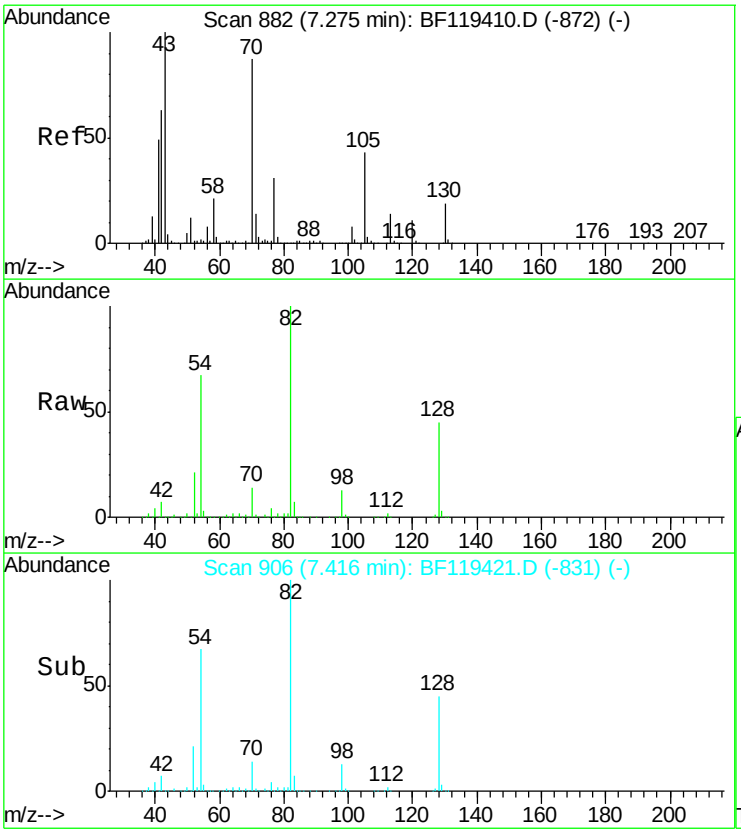
#18
Hexachloroethane
Concen: 0.01 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.10 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:117 Resp: 130

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.8	115.2#
201	0.0	72.5	108.7#

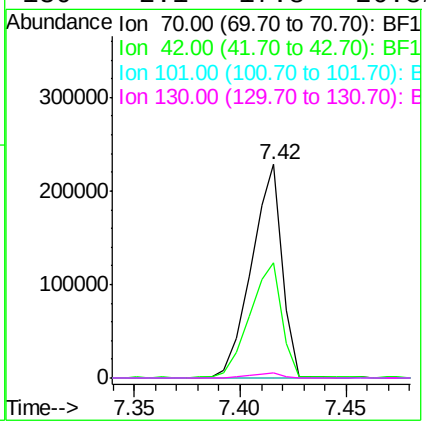


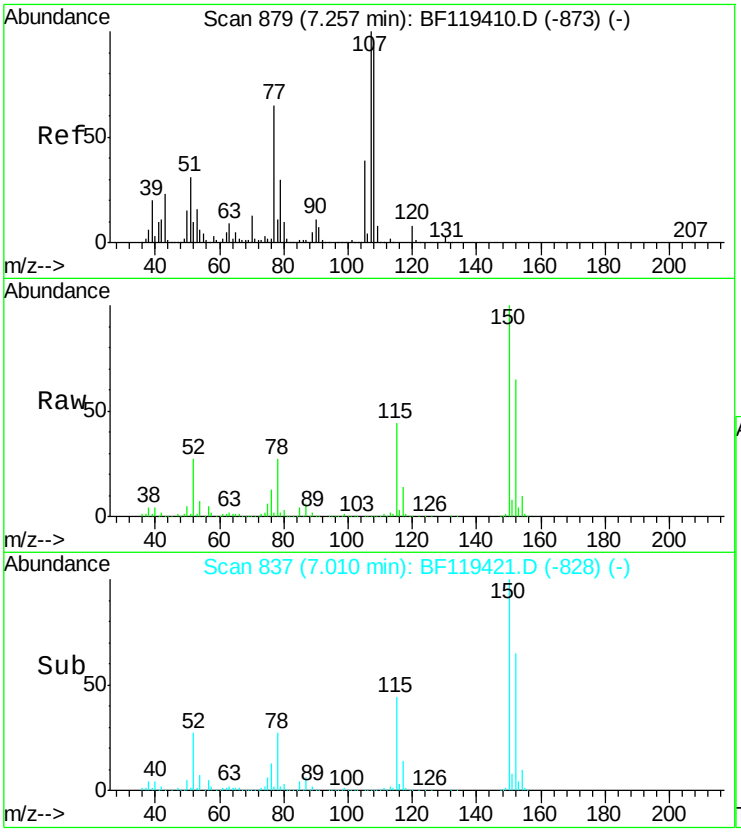


#19
n-Nitroso-di-n-propylamine
Concen: 13.55 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 70 Resp: 229302

Ion	Ratio	Lower	Upper
70	100		
42	54.0	58.2	87.4#
101	0.0	7.4	11.2#
130	2.1	17.8	26.8#



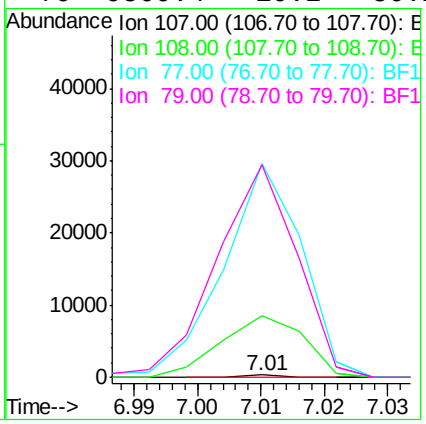


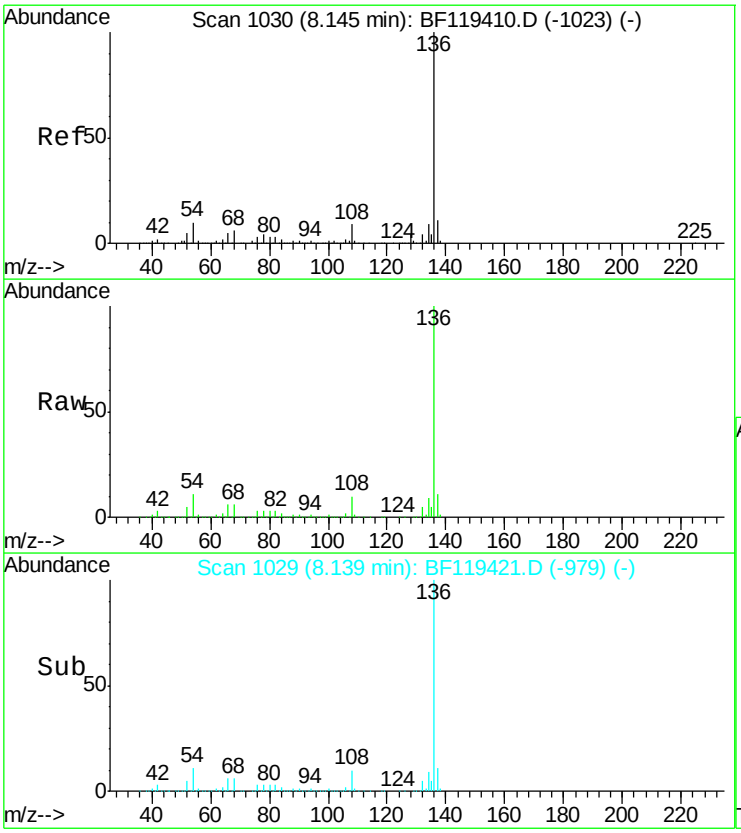
#20
3+4-Methylphenols
Concen: 0.00 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.25 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:107 Resp: 109

Ion	Ratio	Lower	Upper
107	100		
108	2745.3	72.6	112.6#
77	9579.3	44.7	84.7#
79	9509.4	10.2	50.2#

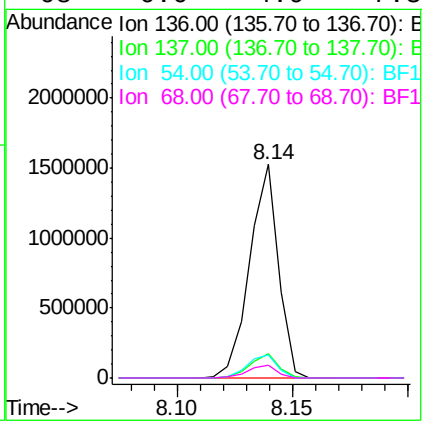


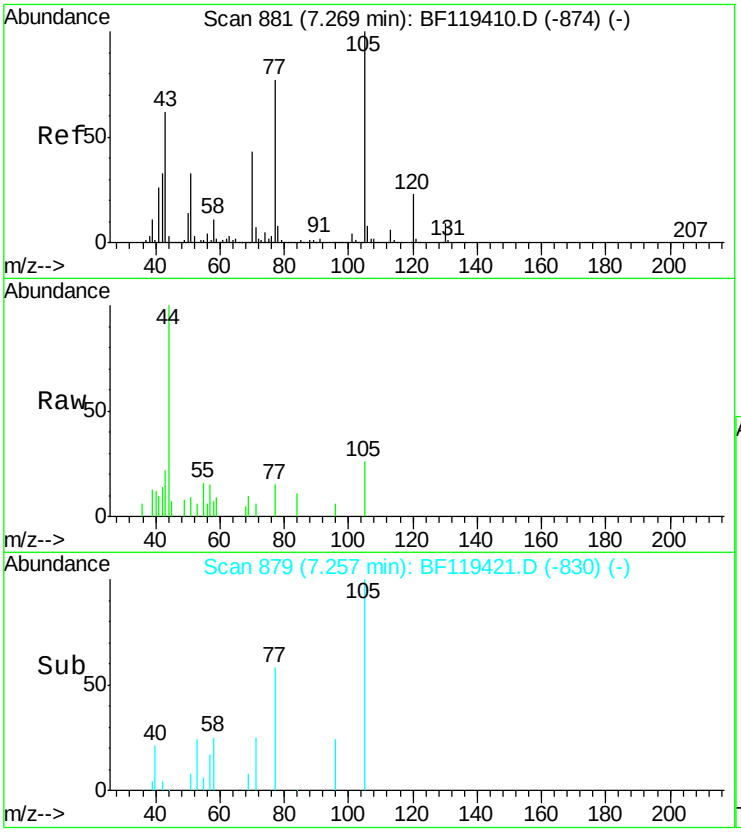


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:136 Resp: 1331123

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.1	8.3	12.5
68	6.0	4.9	7.3



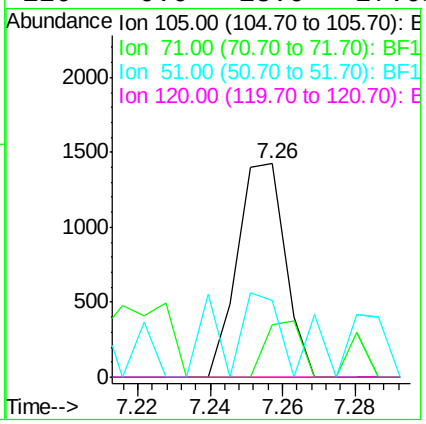


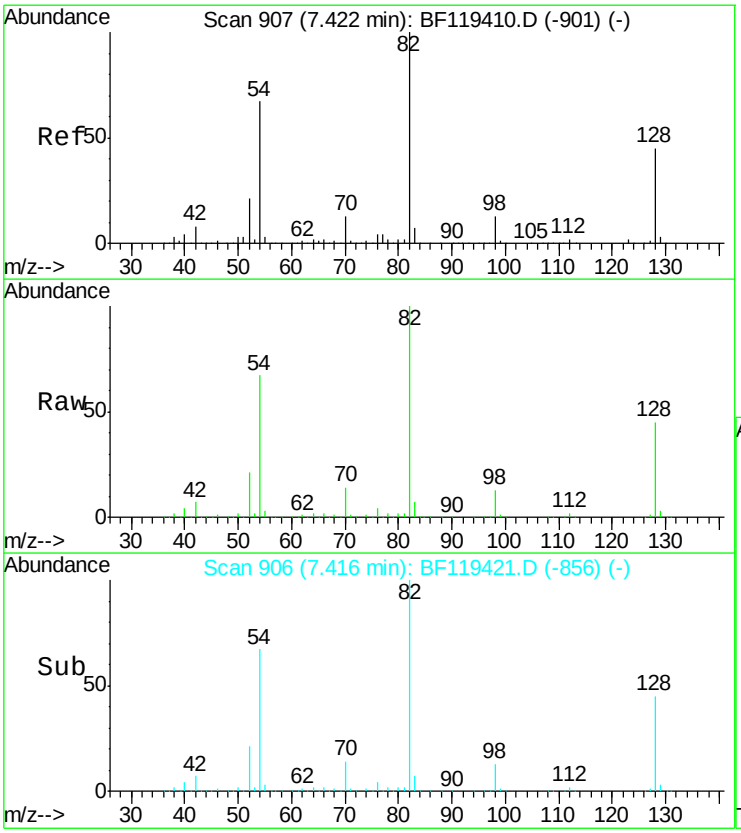
#22
Acetophenone
Concen: 0.04 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:105 Resp: 1311

Ion	Ratio	Lower	Upper
105	100		
71	24.8	5.8	8.6#
51	36.2	26.8	40.2
120	0.0	18.0	27.0#

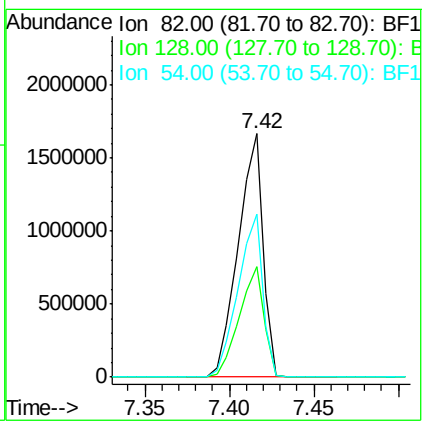


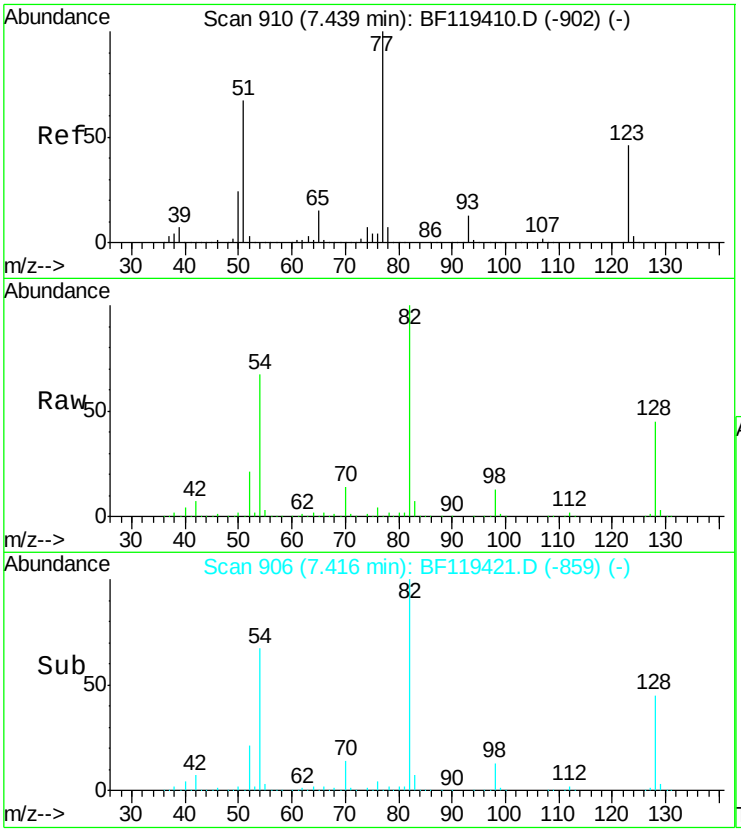


#23
Nitrobenzene-d5
Concen: 69.63 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 82 Resp: 1705518

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.8	53.8
54	67.1	53.4	80.0



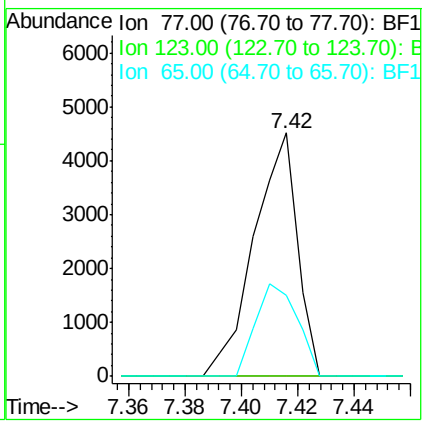


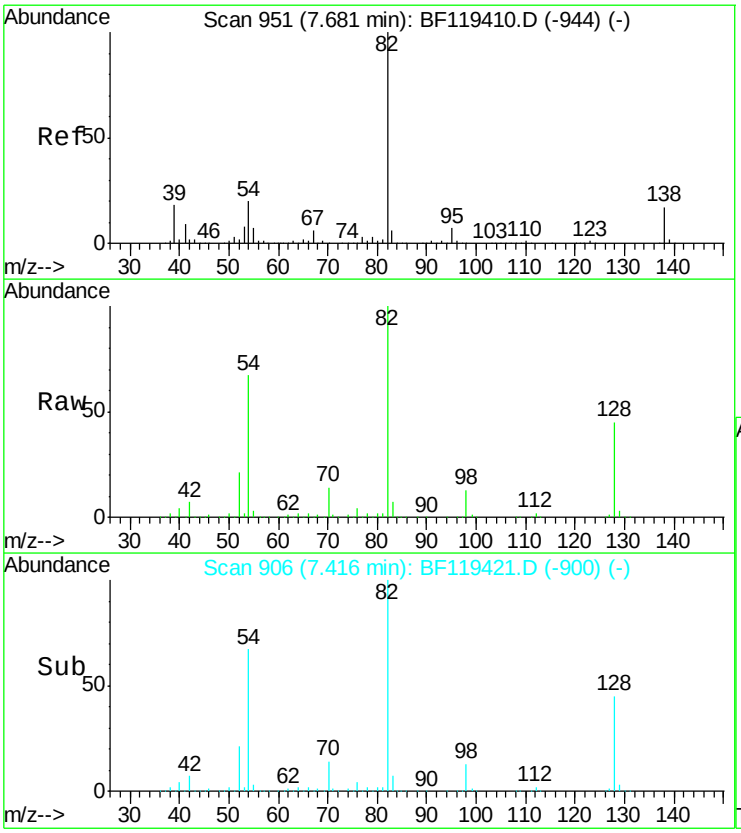
#24
Nitrobenzene
Concen: 0.18 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion: 77 Resp: 4793

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.9	55.3#
65	33.5	12.2	18.4#

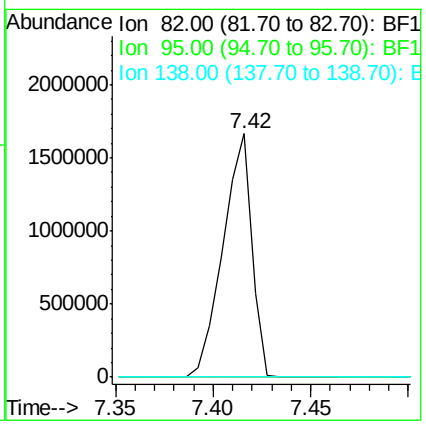


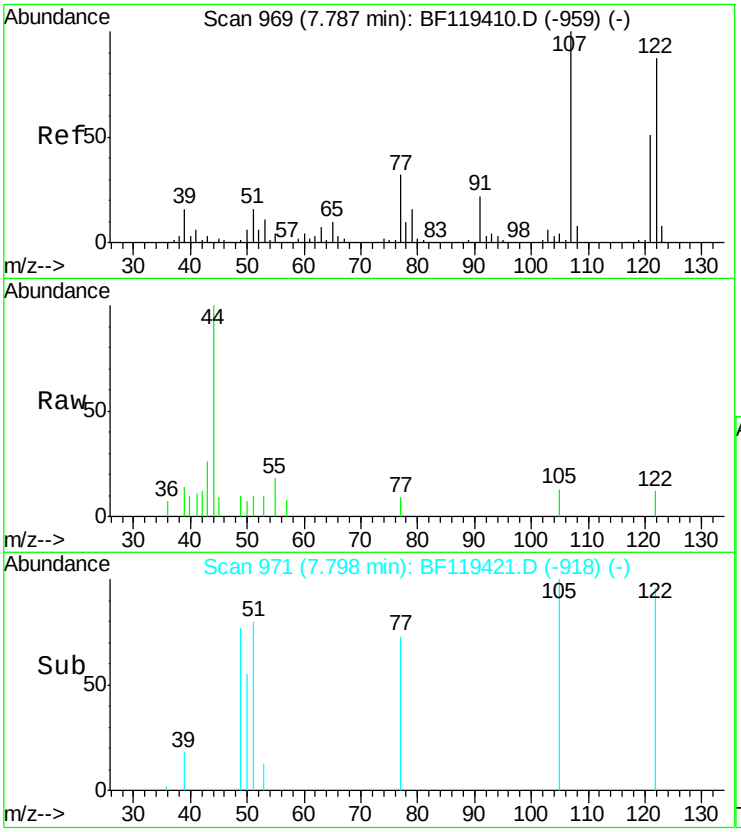


#25
Isophorone
Concen: 34.30 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 82 Resp: 1704219

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.8	20.8#



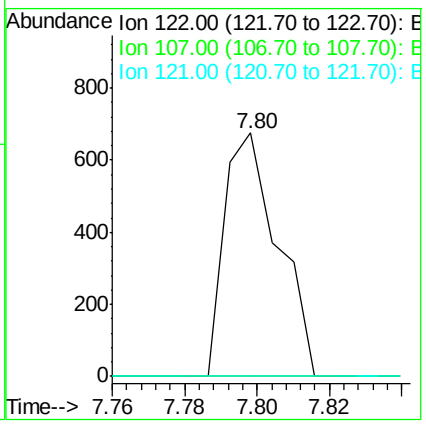


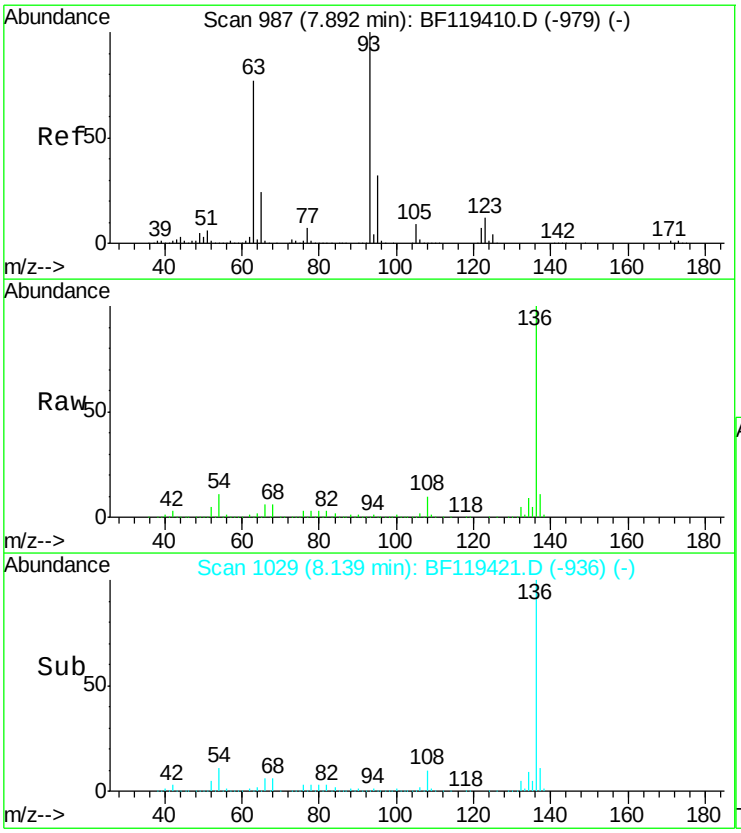
#27
2,4-Dimethylphenol
Concen: 0.03 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:122 Resp: 692

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.8	137.6#
121	0.0	46.5	69.7#

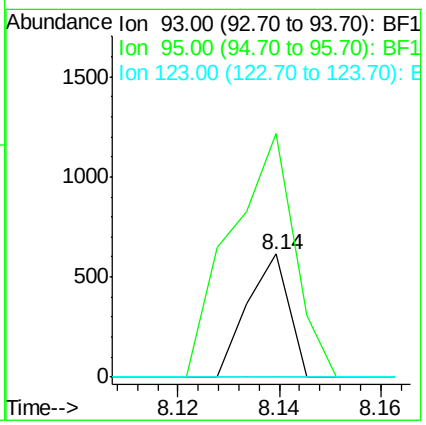


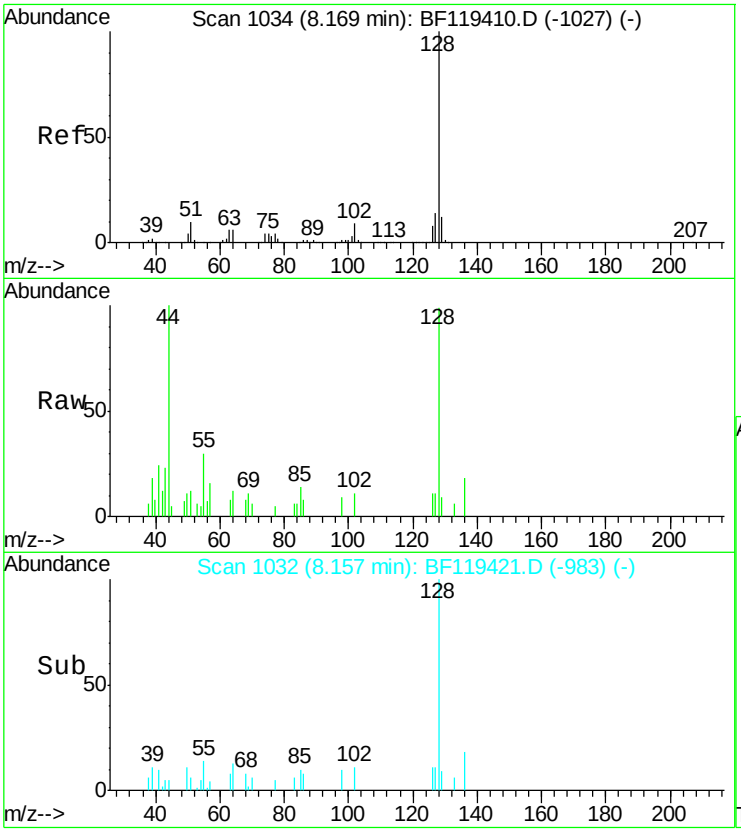


#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.25 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 93 Resp: 345

Ion	Ratio	Lower	Upper
93	100		
95	198.4	26.0	39.0#
123	0.0	9.7	14.5#



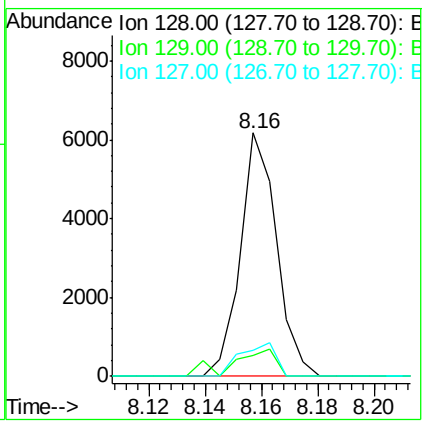


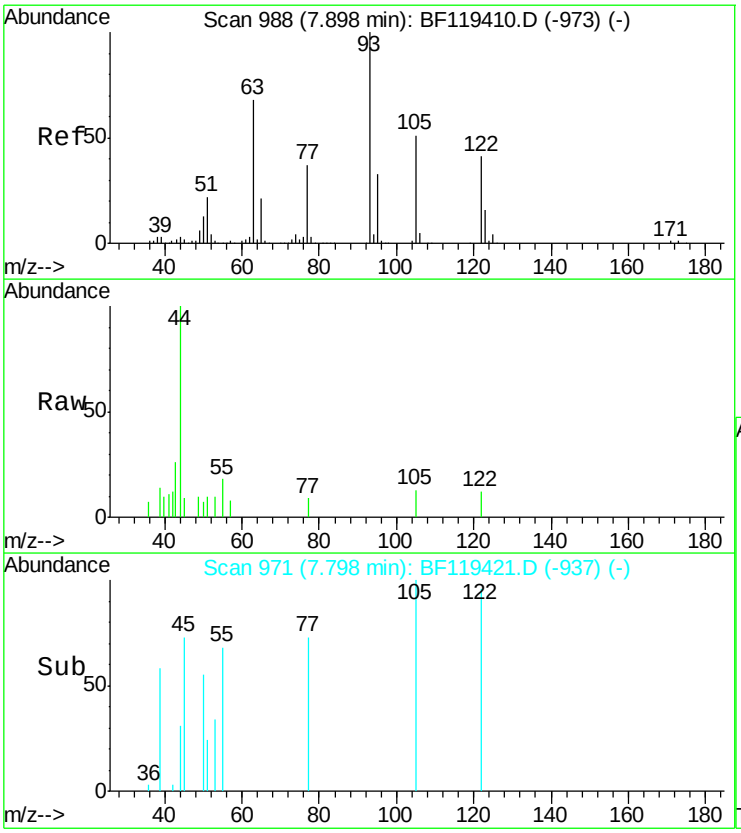
#31
Naphthalene
Concen: 0.08 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:128 Resp: 5498

Ion	Ratio	Lower	Upper
128	100		
129	8.7	9.3	13.9#
127	10.7	11.0	16.4#

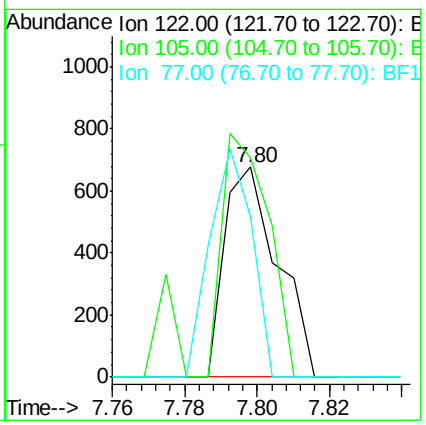


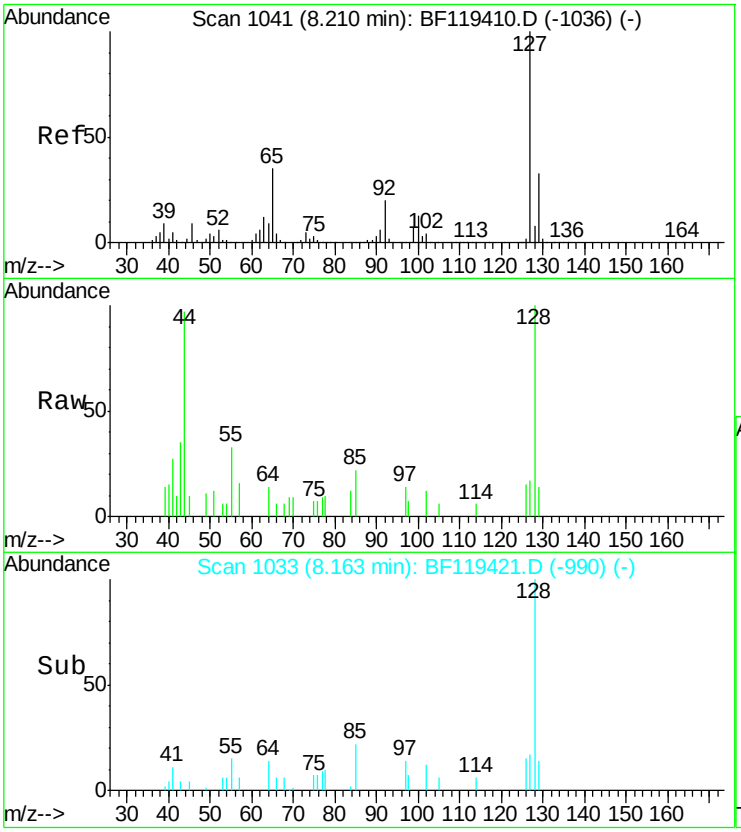


#32
Benzoic acid
Concen: 0.05 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.10 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:122 Resp: 692

Ion	Ratio	Lower	Upper
122	100		
105	104.3	102.9	142.9
77	76.6	70.1	110.1



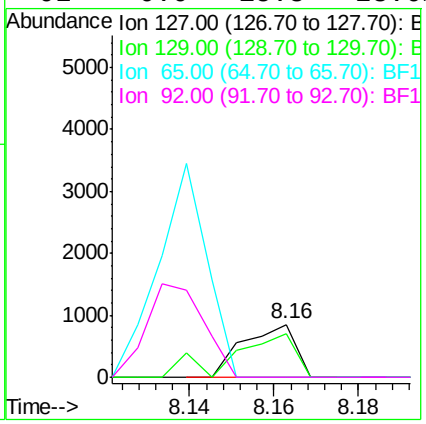


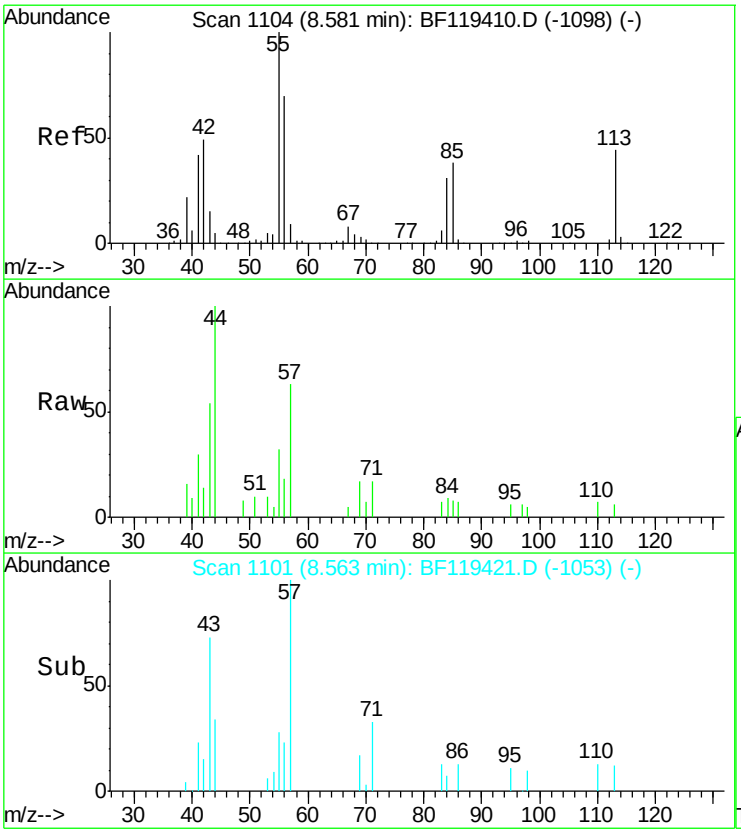
#33
4-Chloroaniline
Concen: 0.02 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:127 Resp: 730

Ion	Ratio	Lower	Upper
127	100		
129	82.9	26.2	39.4#
65	0.0	27.7	41.5#
92	0.0	15.8	23.6#

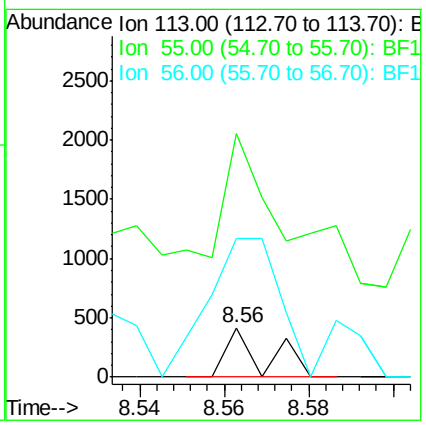


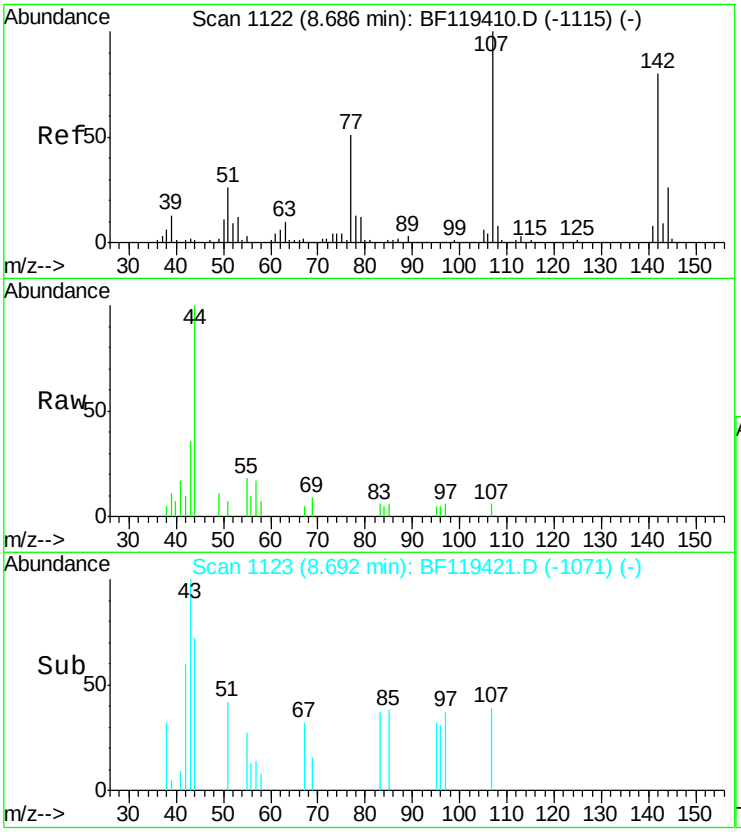


#35
Caprolactam
Concen: 0.04 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:113 Resp: 260

Ion	Ratio	Lower	Upper
113	100		
55	496.4	208.4	248.4#
56	281.4	138.9	178.9#



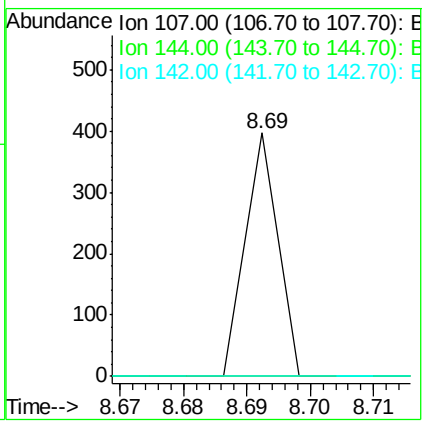


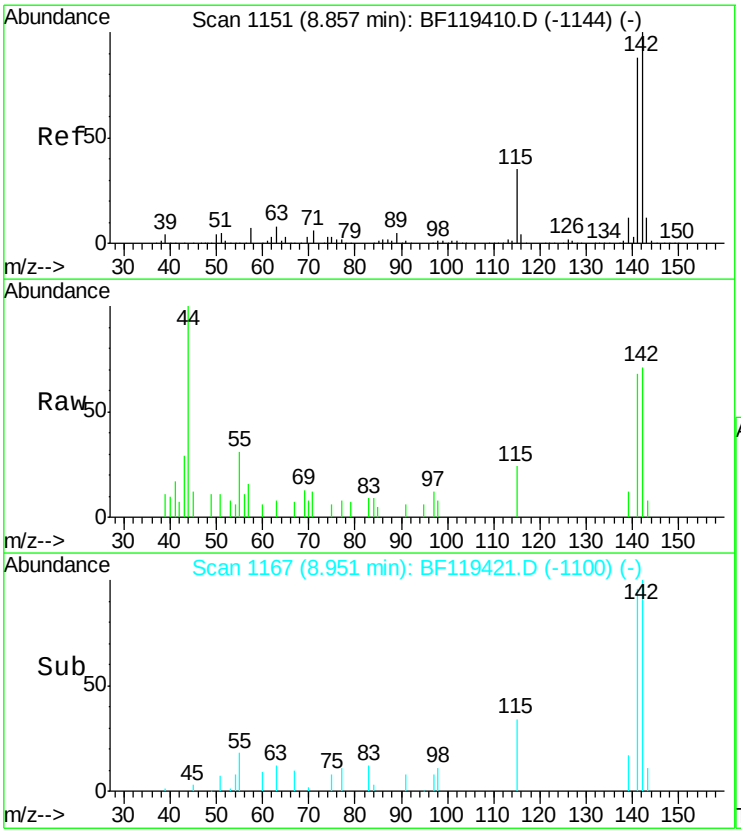
#36
4-Chloro-3-methylphenol
Concen: 0.01 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:107 Resp: 140

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.6	31.0#
142	0.0	63.8	95.6#

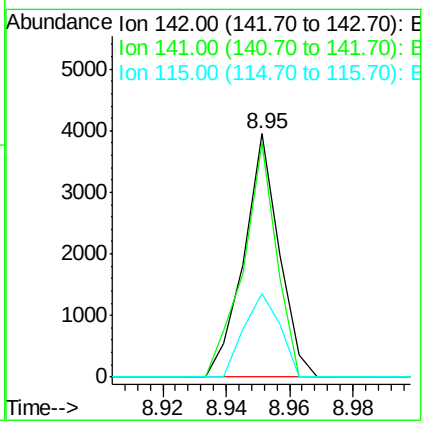


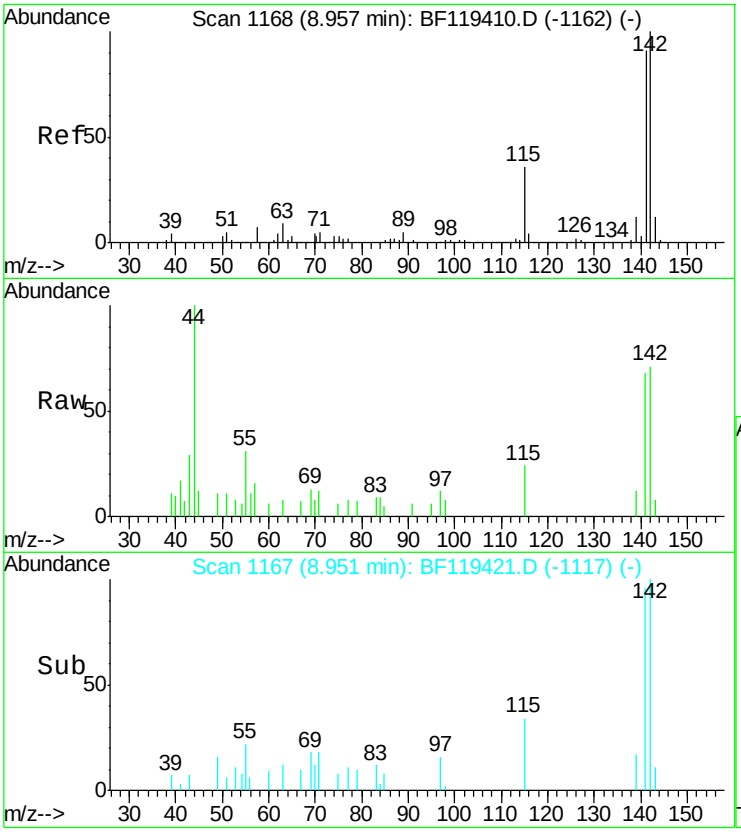


#37
2-Methylnaphthalene
Concen: 0.07 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.09 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:142 Resp: 3049

Ion	Ratio	Lower	Upper
142	100		
141	96.4	70.4	105.6
115	34.3	27.8	41.6



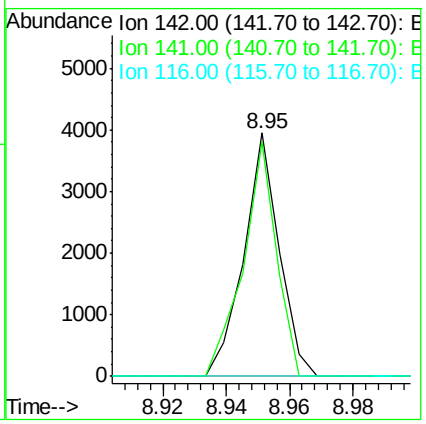


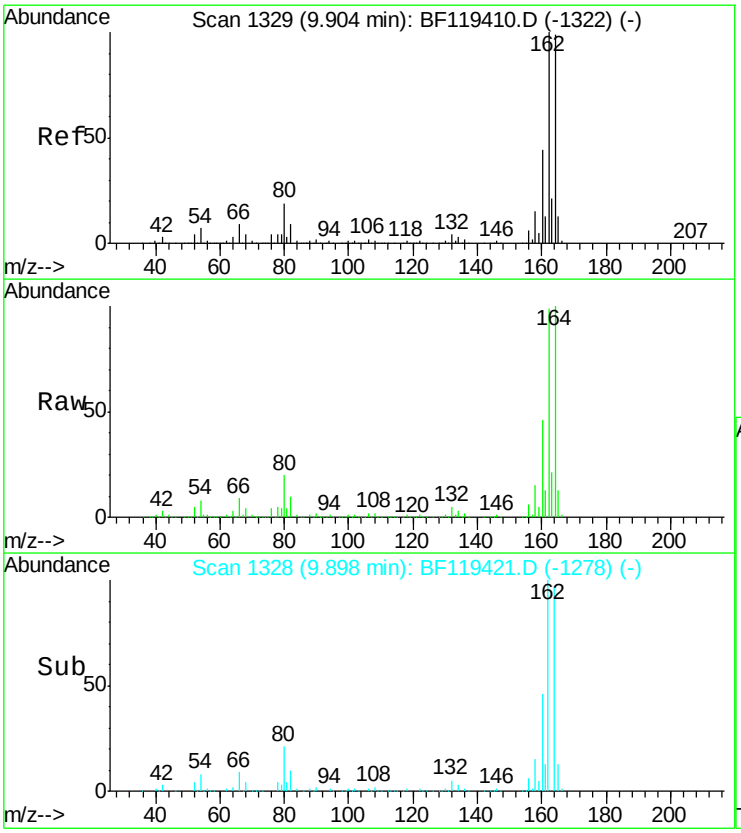
#38
1-Methylnaphthalene
Concen: 0.07 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:142 Resp: 3049

Ion	Ratio	Lower	Upper
142	100		
141	96.4	73.1	109.7
116	0.0	3.0	4.6#

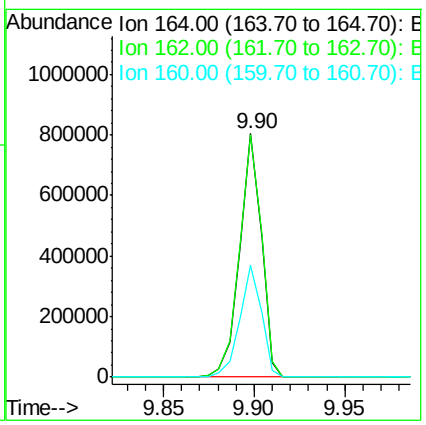


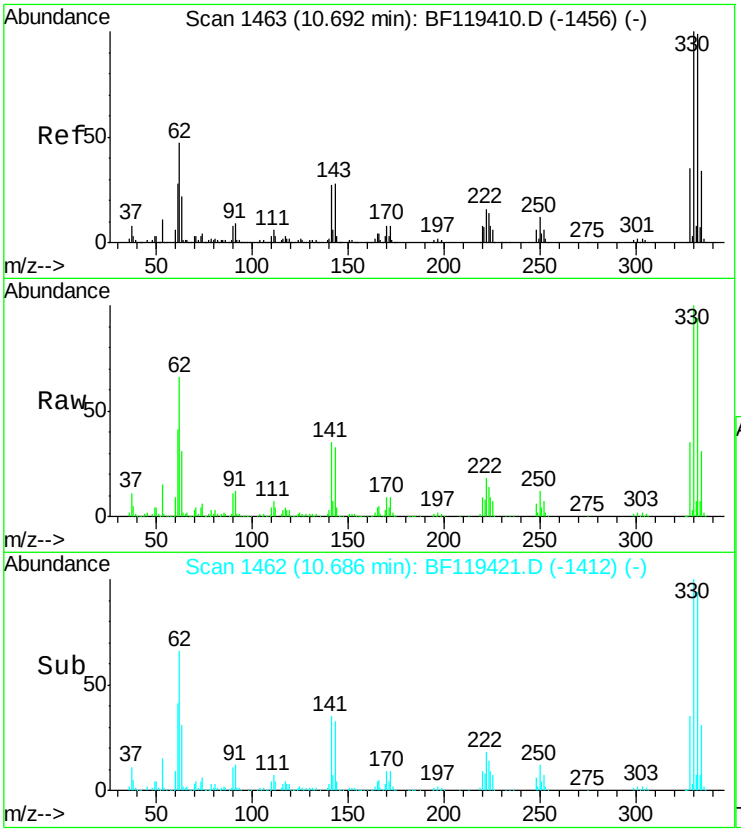


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:164 Resp: 669942

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.7	121.1
160	45.8	35.5	53.3



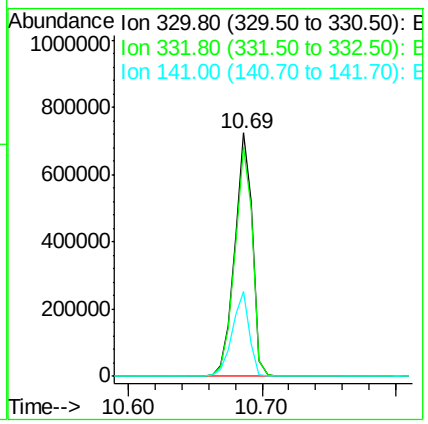


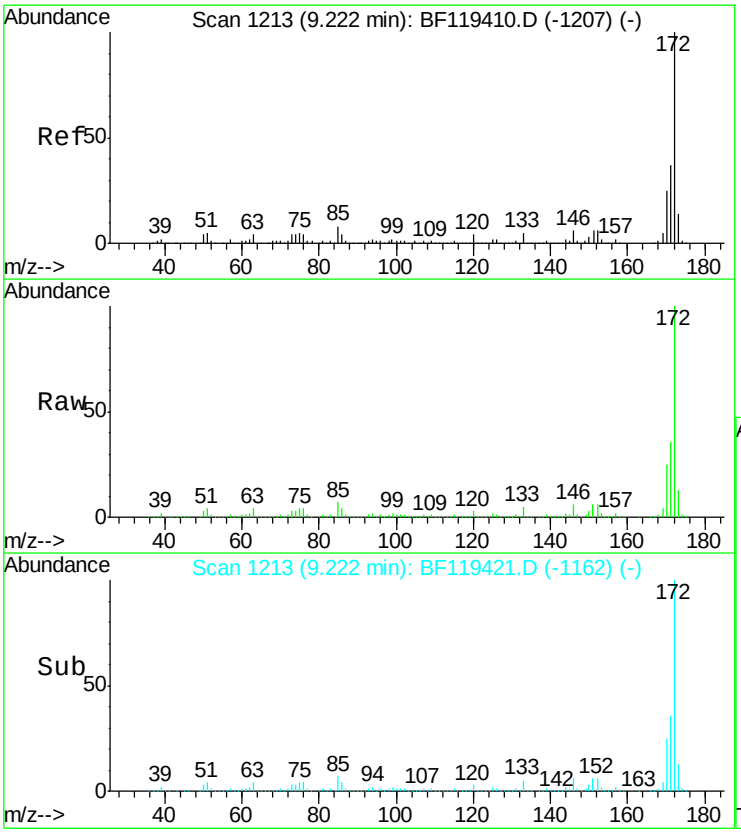
#42
2,4,6-Tribromophenol
Concen: 98.08 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:330 Resp: 677920

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.6	116.4
141	33.8	26.6	40.0

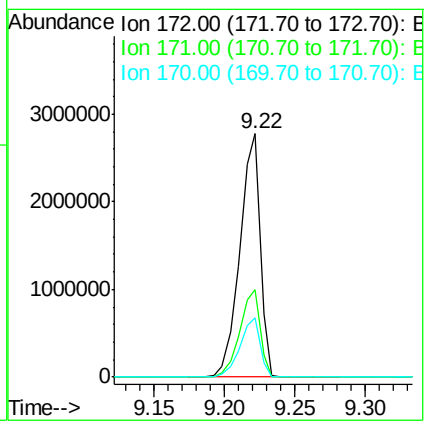


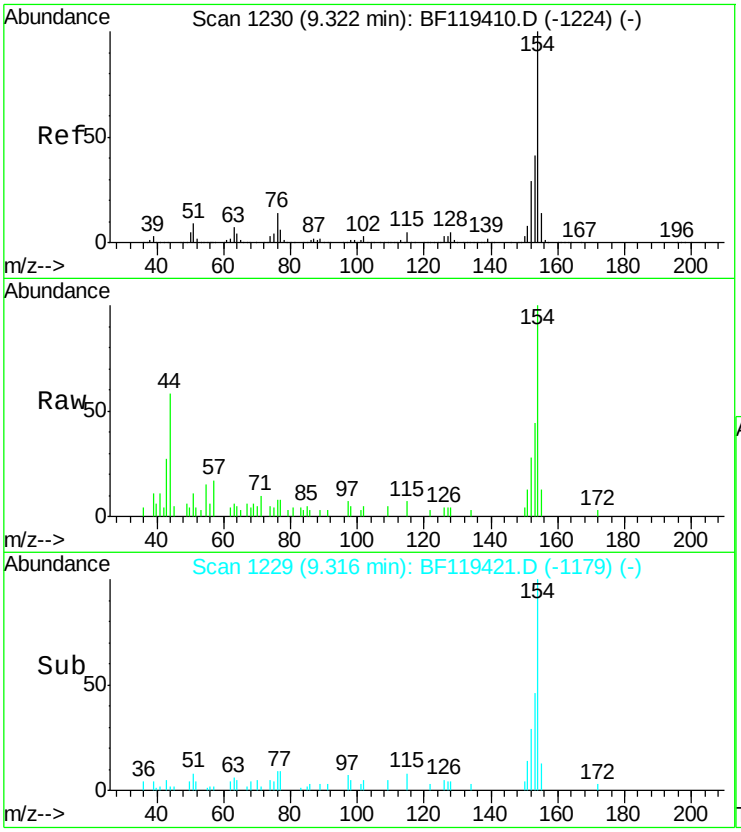


#45
2-Fluorobiphenyl
Concen: 61.34 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:172 Resp: 2773777

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	24.6	20.1	30.1



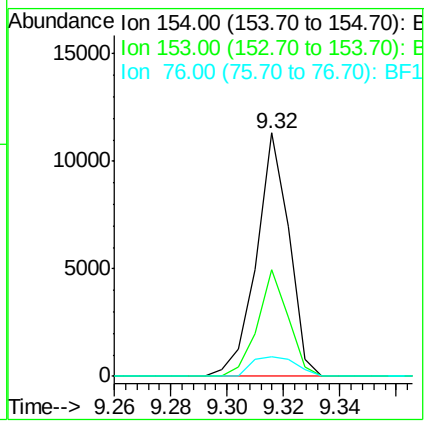


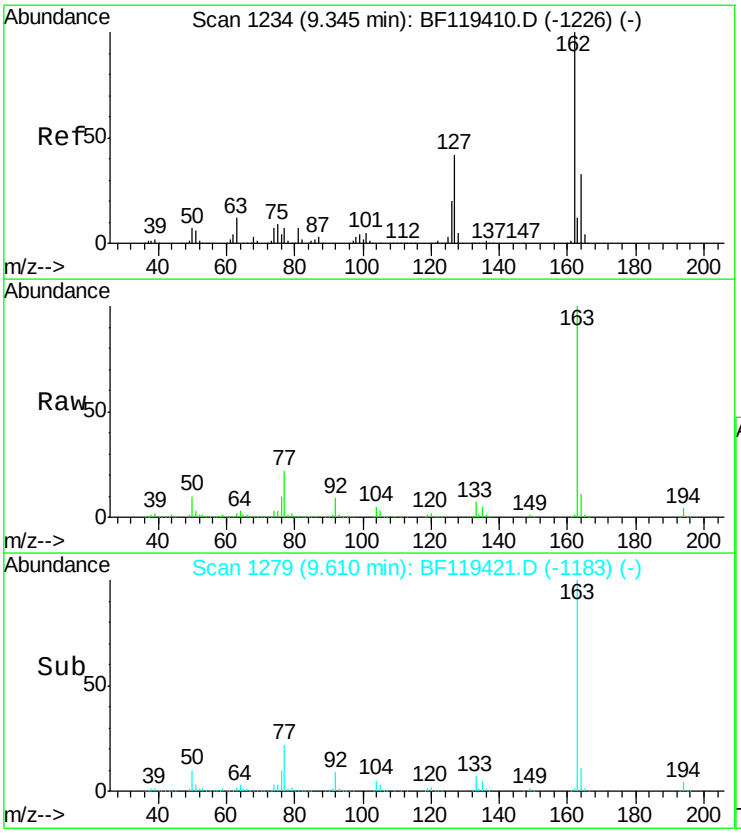
#46
1,1'-Biphenyl
Concen: 0.17 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:154 Resp: 9078

Ion	Ratio	Lower	Upper
154	100		
153	43.9	21.4	61.4
76	8.3	0.0	33.6

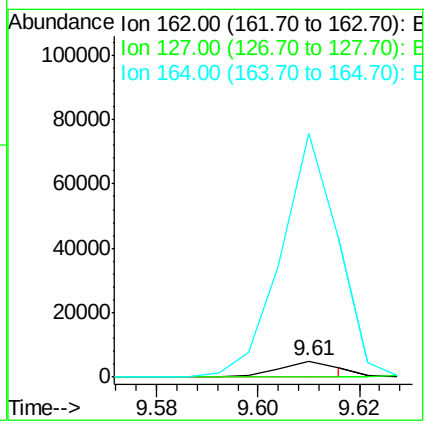


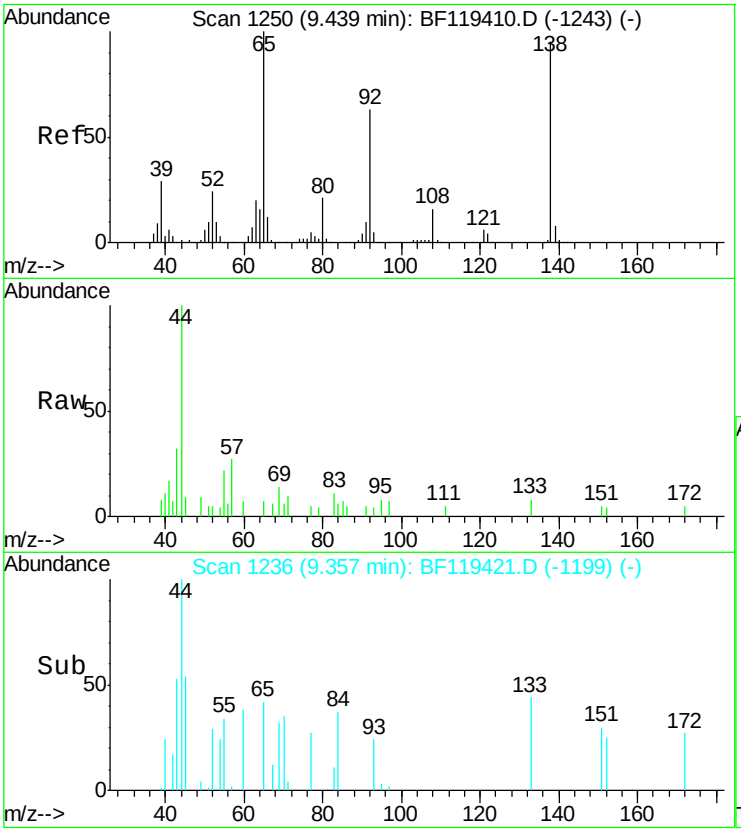


#47
2-Chloronaphthalene
Concen: 0.09 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.26 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:162 Resp: 3914

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.7	50.5#
164	1493.5	26.2	39.4#



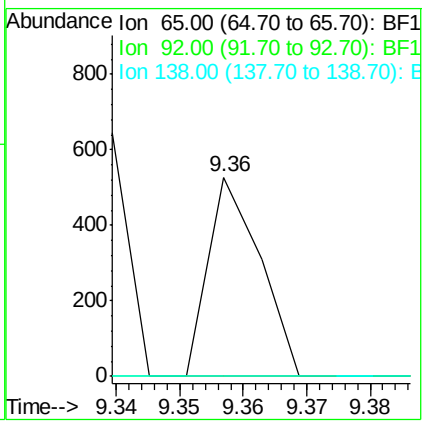


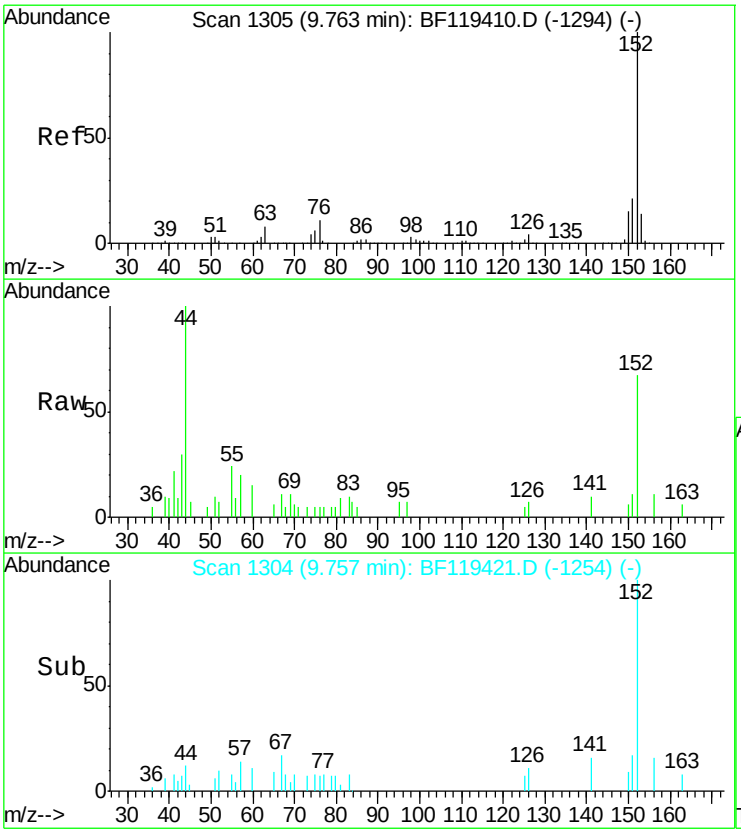
#48
2-Nitroaniline
Concen: 0.02 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.08 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion: 65 Resp: 296

Ion	Ratio	Lower	Upper
65	100		
92	0.0	50.5	75.7#
138	0.0	75.8	113.8#

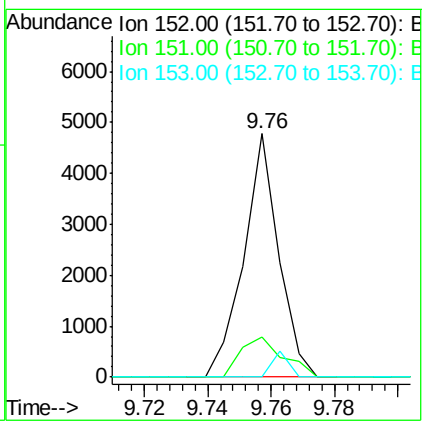


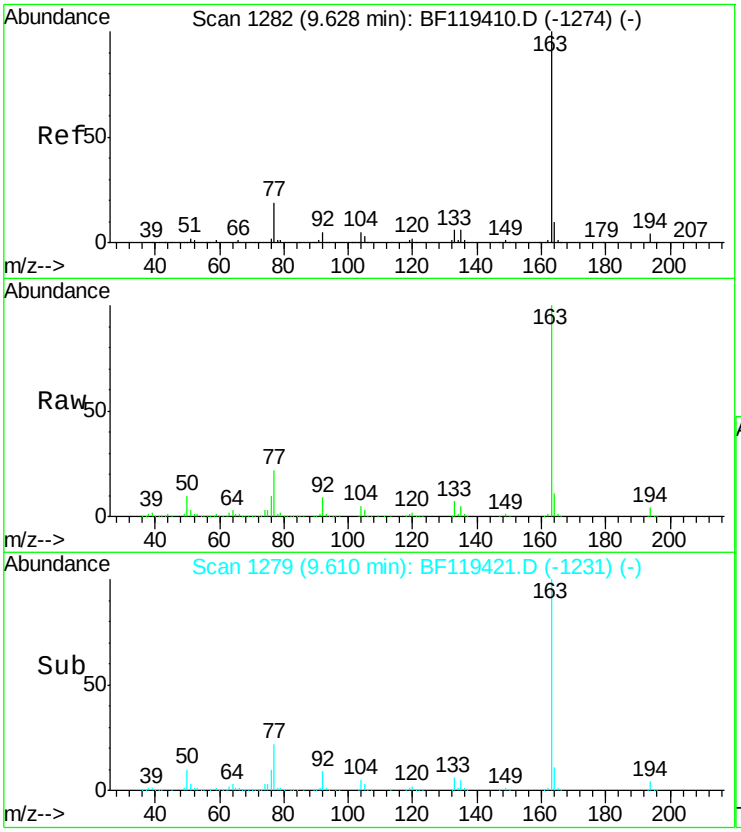


#49
Acenaphthylene
Concen: 0.05 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:152 Resp: 3650

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.8	25.2#
153	0.0	11.2	16.8#



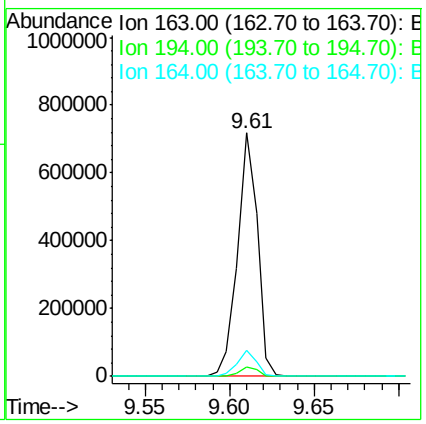


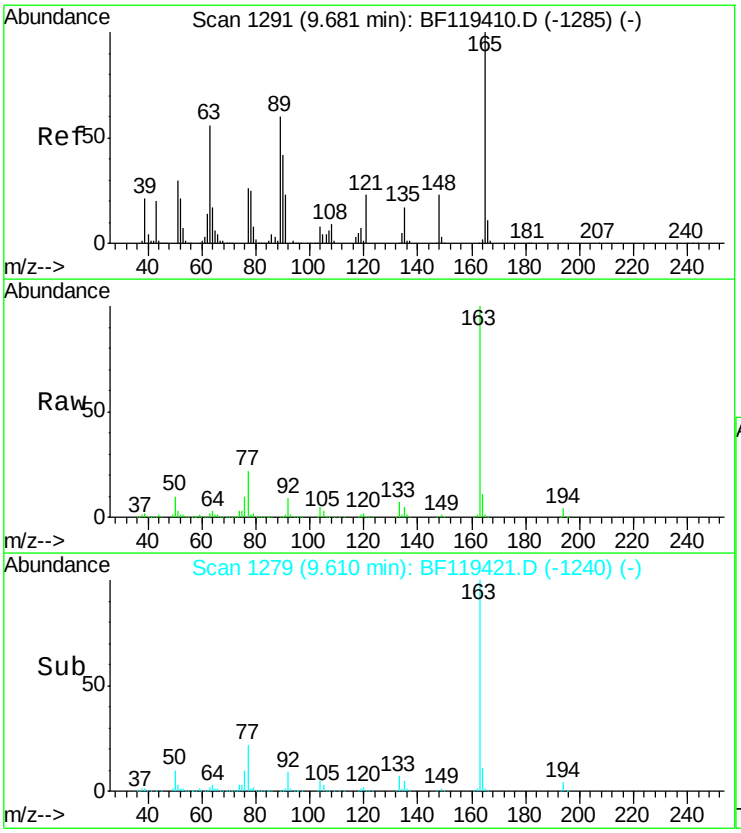
#50
Dimethylphthalate
Concen: 12.36 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:163 Resp: 587953

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.5	8.1	12.1

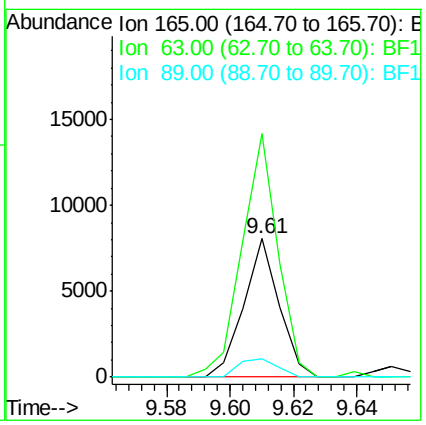


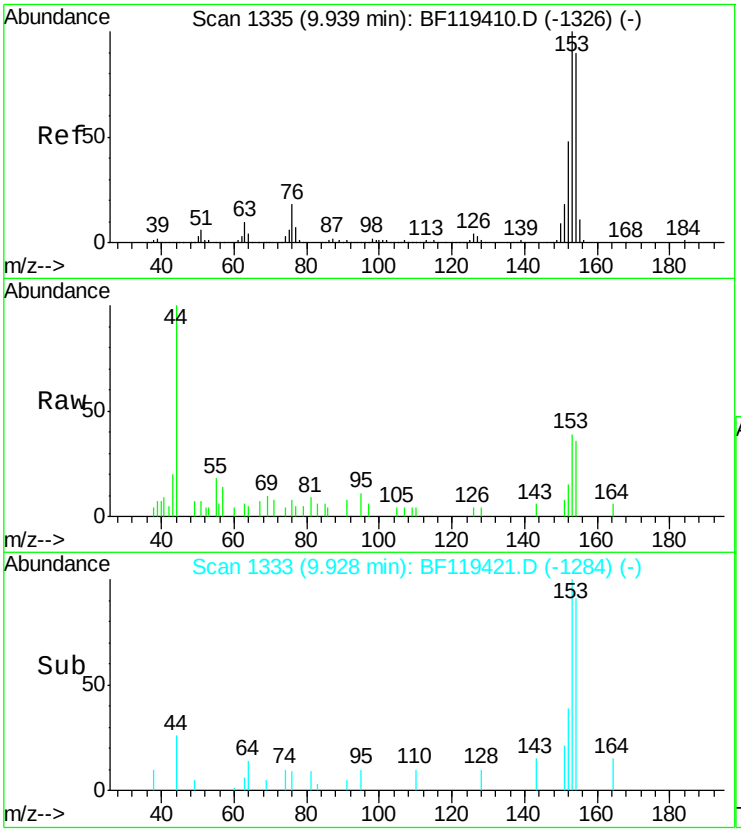


#51
2,6-Dinitrotoluene
Concen: 0.61 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:165 Resp: 6255

Ion	Ratio	Lower	Upper
165	100		
63	175.9	57.3	85.9#
89	12.8	47.8	71.8#



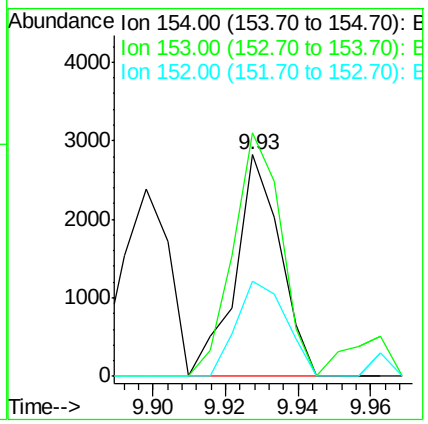


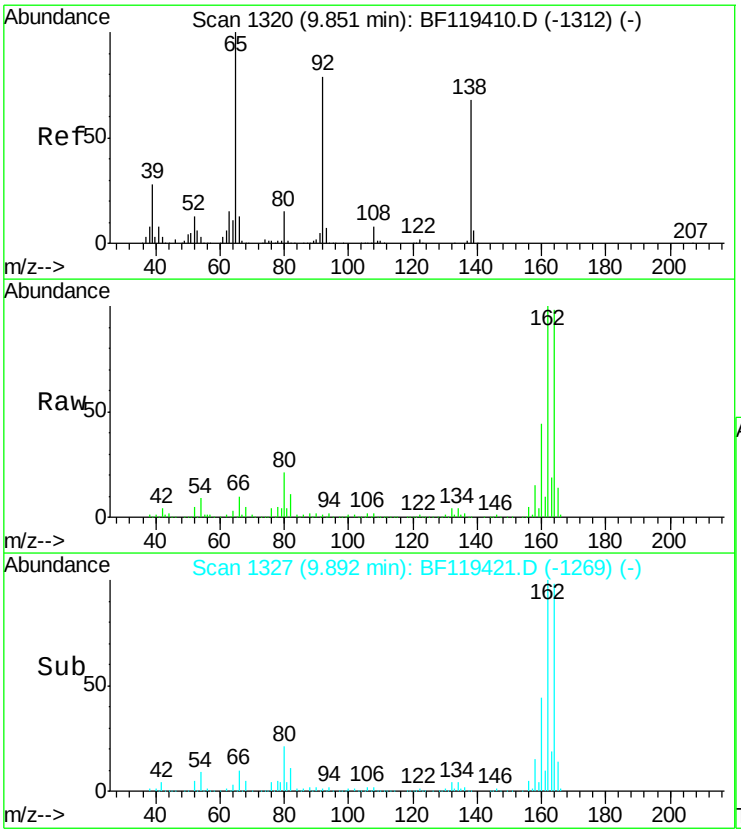
#52
Acenaphthene
Concen: 0.06 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:154 Resp: 2428

Ion	Ratio	Lower	Upper
154	100		
153	109.8	89.0	133.6
152	42.7	43.1	64.7#

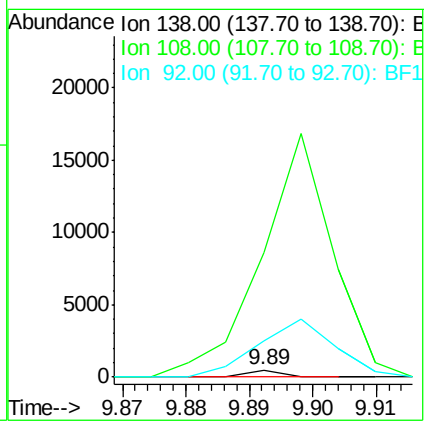


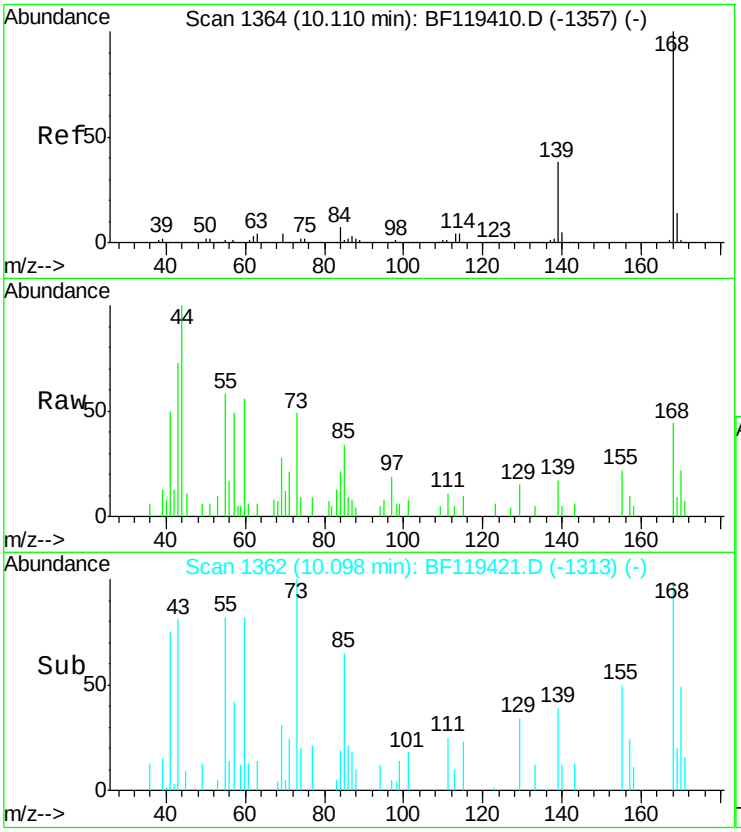


#53
3-Nitroaniline
Concen: 0.01 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.04 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:138 Resp: 177

Ion	Ratio	Lower	Upper
138	100		
108	1723.4	9.0	13.6#
92	506.2	93.2	139.8#



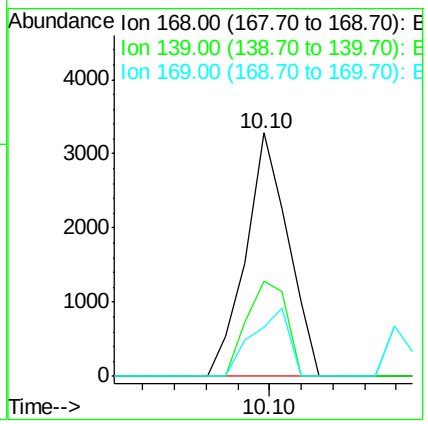


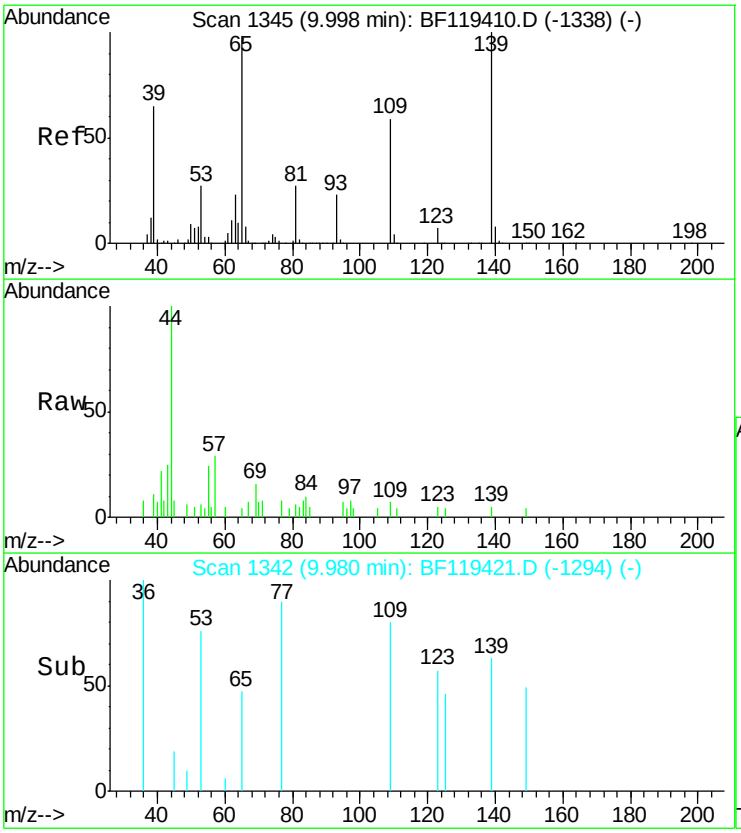
#55
Dibenzofuran
Concen: 0.05 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:168 Resp: 3041

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.2	45.4
169	20.2	11.1	16.7#

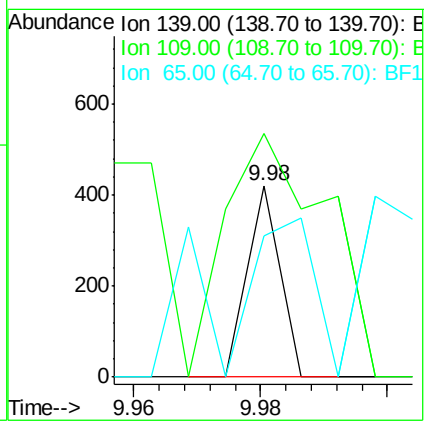


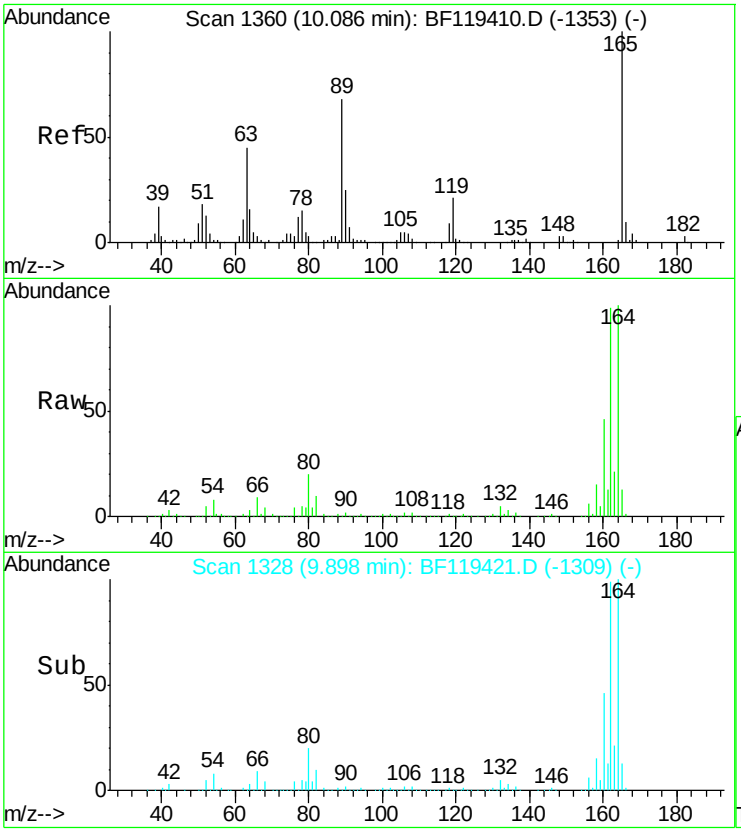


#56
4-Nitrophenol
Concen: 0.01 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:139 Resp: 148

Ion	Ratio	Lower	Upper
139	100		
109	127.4	39.6	79.6#
65	74.0	78.3	118.3#



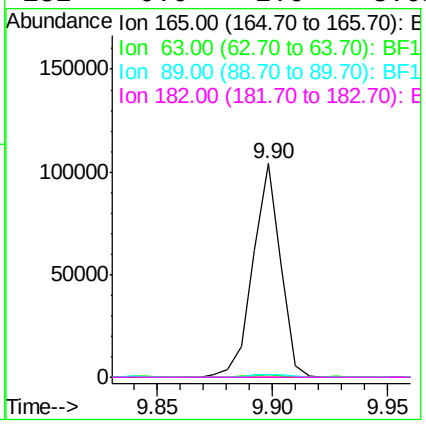


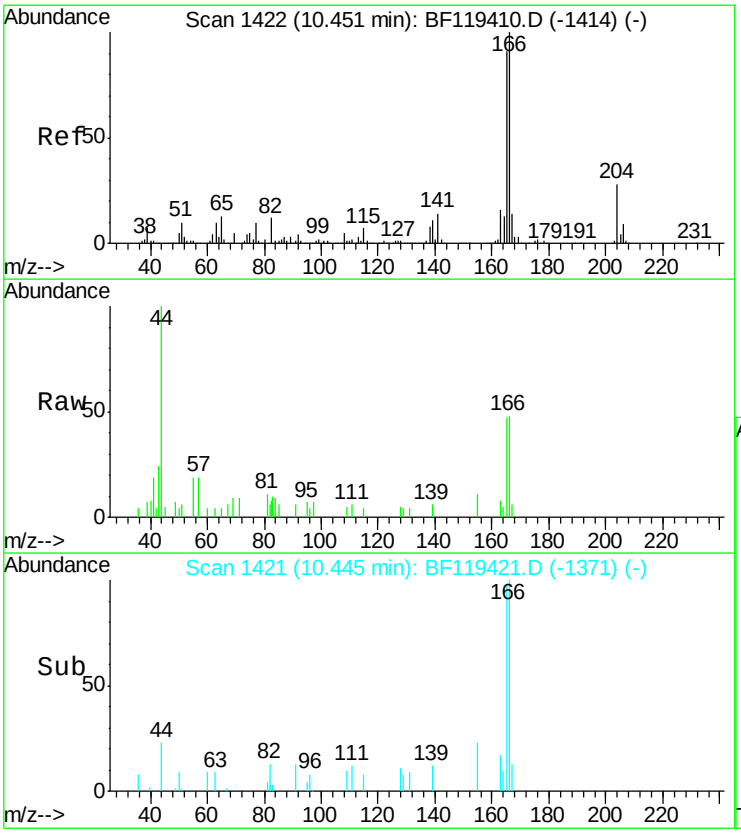
#57
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:165 Resp: 87101

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.2	54.3	81.5#
182	0.0	2.0	3.0#

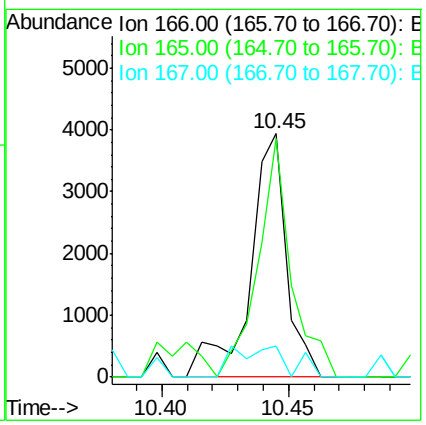


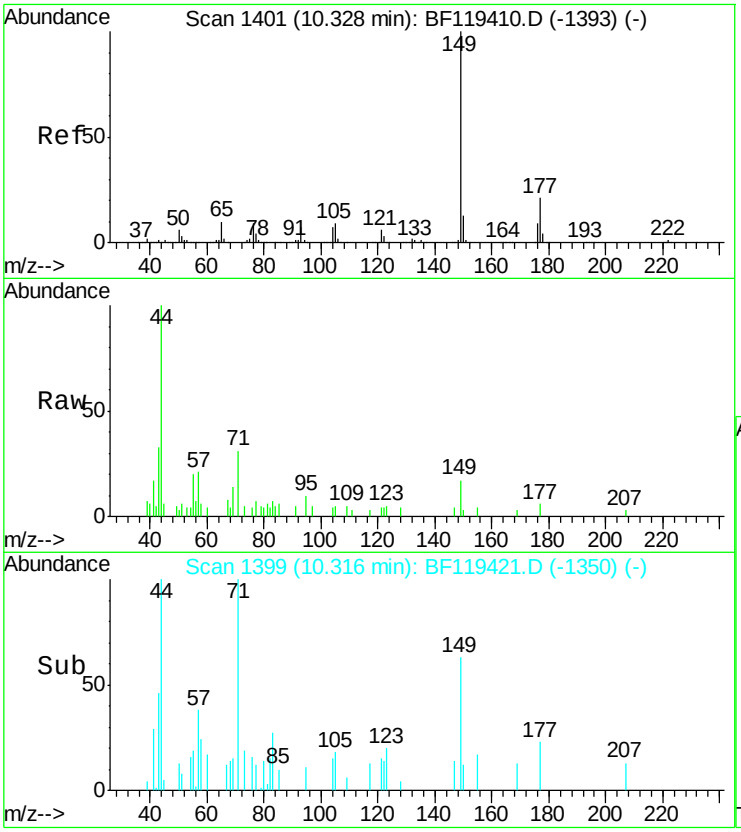


#58
Fluorene
Concen: 0.09 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:166 Resp: 3966

Ion	Ratio	Lower	Upper
166	100		
165	97.8	73.1	109.7
167	12.6	11.0	16.6



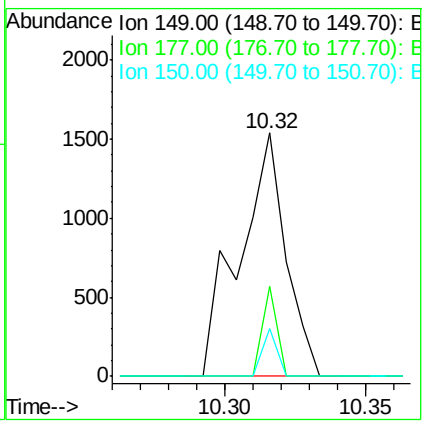


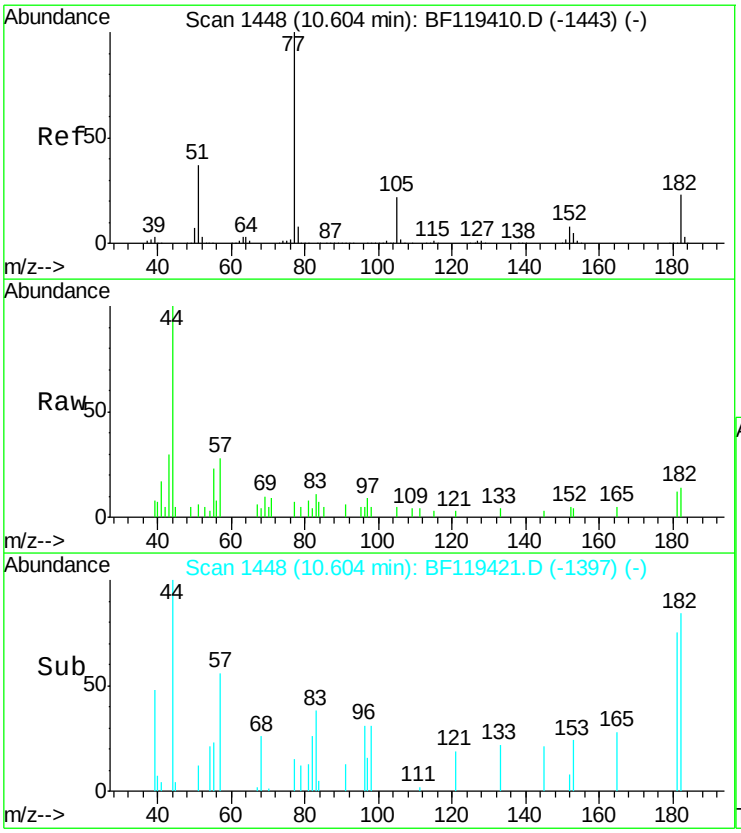
#60
Diethylphthalate
Concen: 0.04 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:149 Resp: 1757

Ion	Ratio	Lower	Upper
149	100		
177	36.9	17.0	25.6#
150	19.7	10.2	15.4#

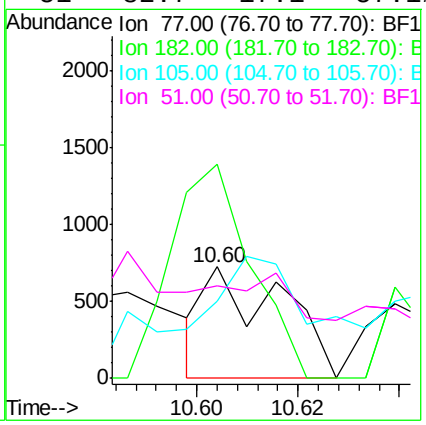


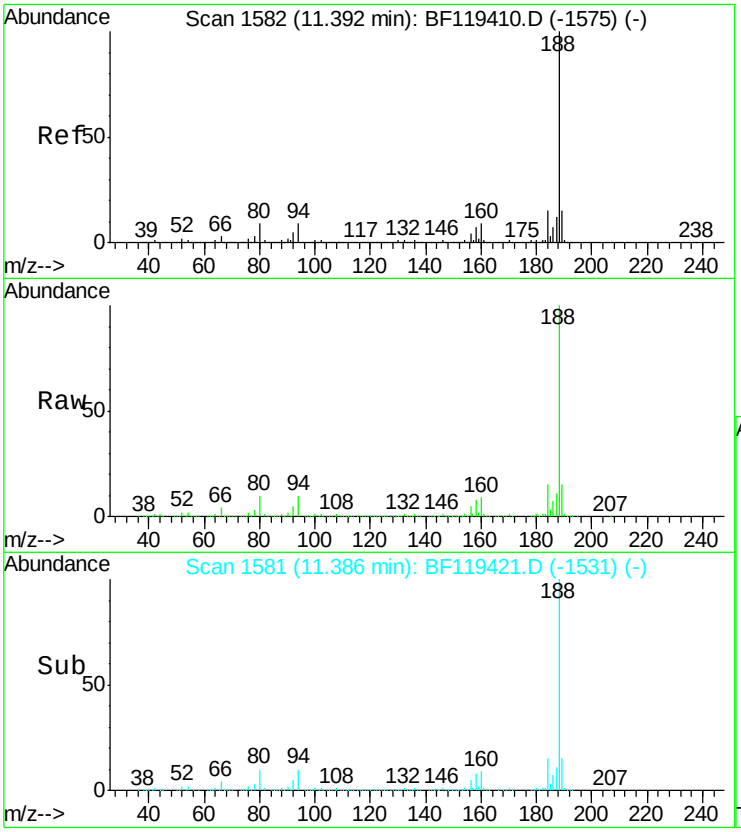


#63
Azobenzene
Concen: 0.02 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 77 Resp: 750

Ion	Ratio	Lower	Upper
77	100		
182	192.1	2.5	42.5#
105	68.9	2.5	42.5#
51	82.7	17.1	57.1#



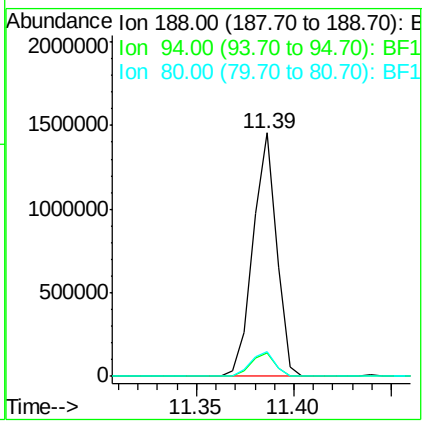


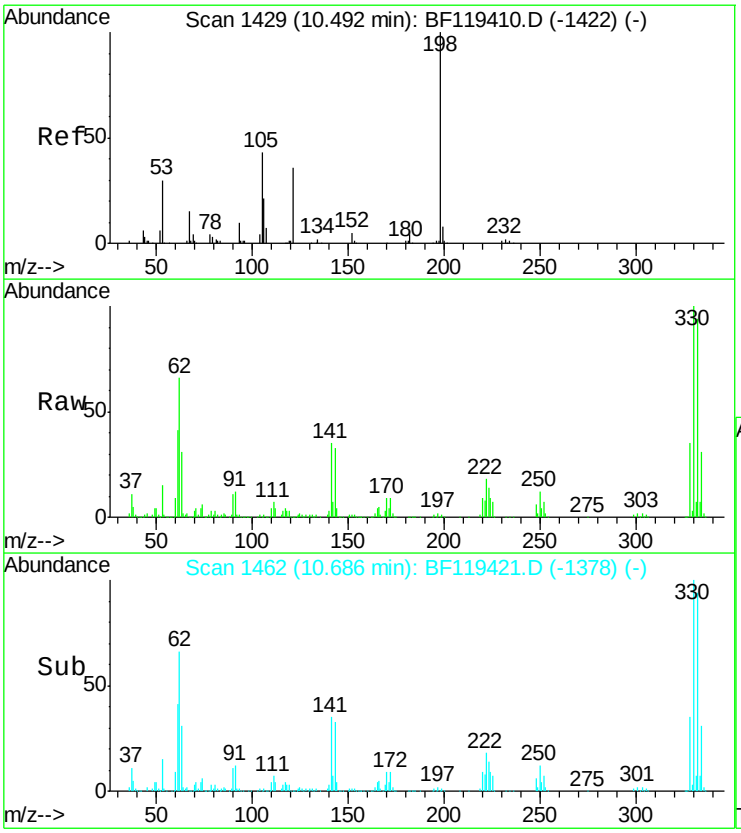
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:188 Resp: 1216757

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.2	7.5	11.3

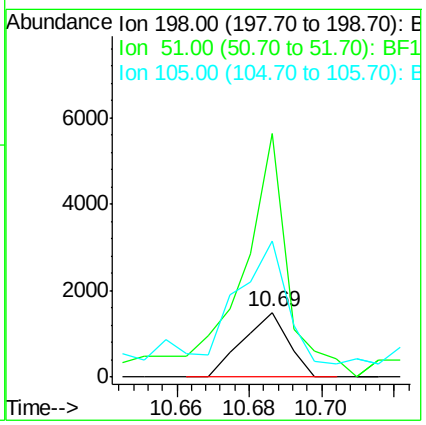


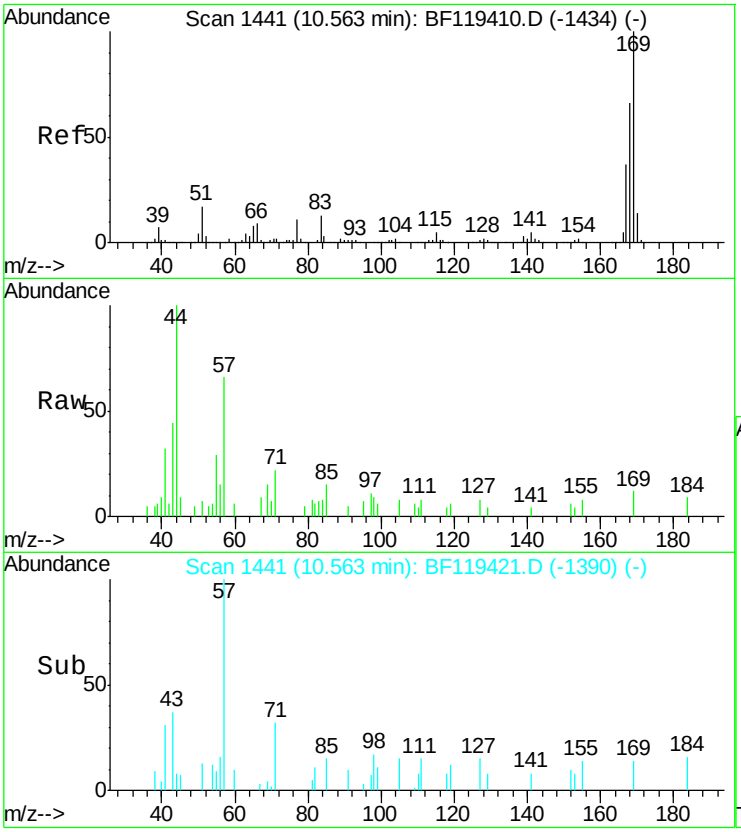


#65
4,6-Dinitro-2-methylphenol
Concen: 0.26 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:198 Resp: 1303

Ion	Ratio	Lower	Upper
198	100		
51	375.2	33.1	73.1#
105	210.1	24.1	64.1#



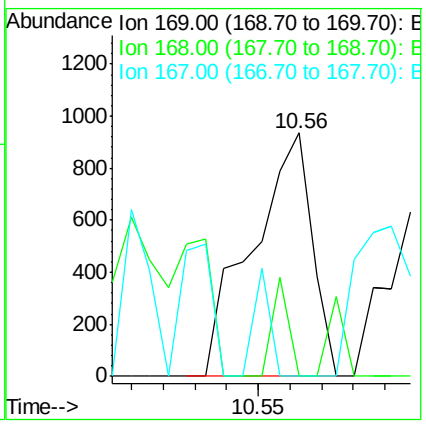


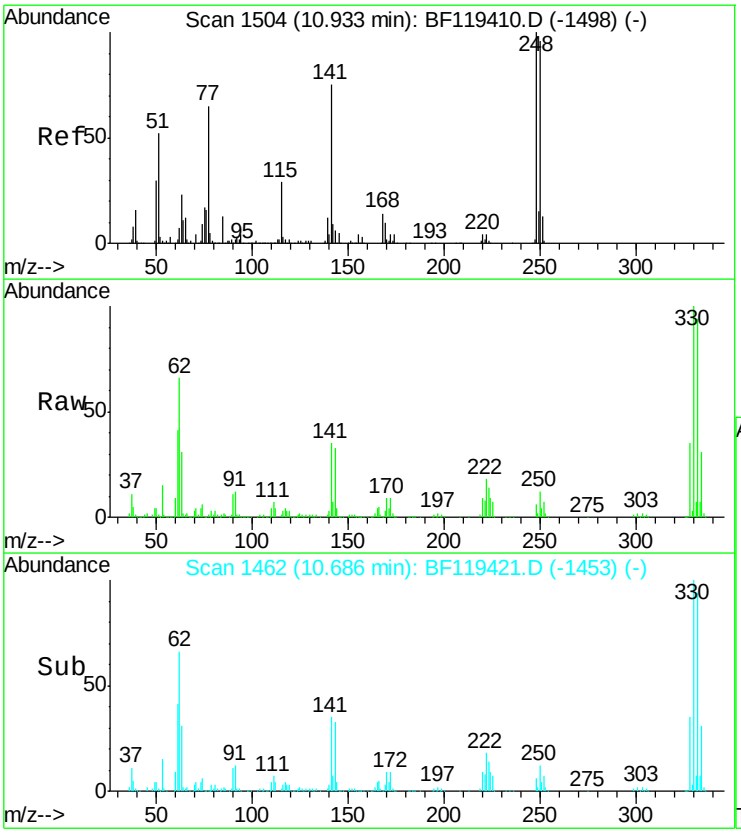
#66
n-Nitrosodiphenylamine
Concen: 0.03 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:169 Resp: 1228

Ion	Ratio	Lower	Upper
169	100		
168	0.0	52.7	79.1#
167	0.0	29.3	43.9#

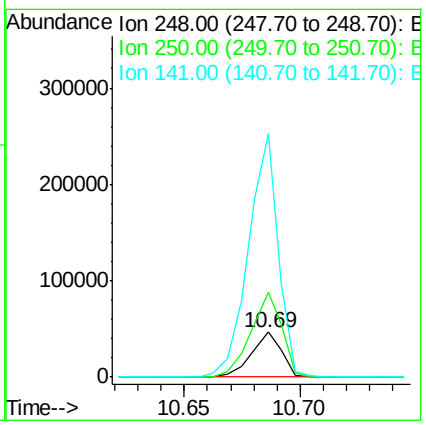


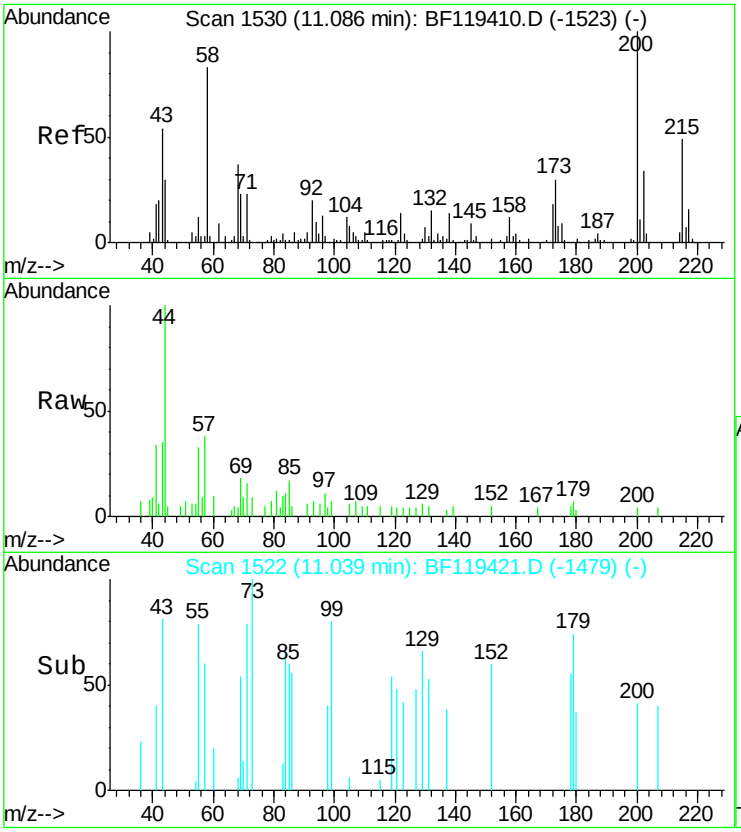


#67
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:248 Resp: 42543

Ion	Ratio	Lower	Upper
248	100		
250	189.0	77.0	115.6#
141	543.5	59.7	89.5#



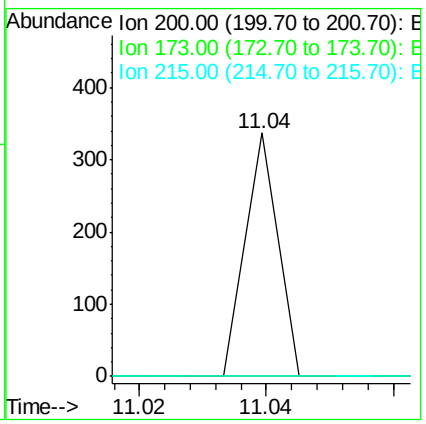


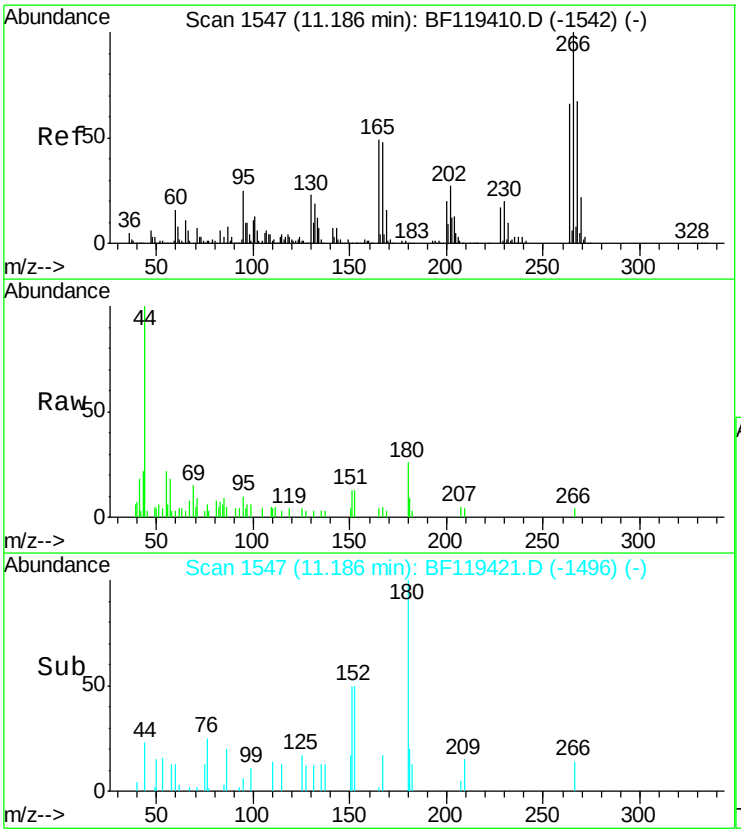
#69
Atrazine
Concen: 0.01 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.05 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:200 Resp: 119

Ion	Ratio	Lower	Upper
200	100		
173	0.0	9.9	49.9#
215	0.0	29.4	69.4#

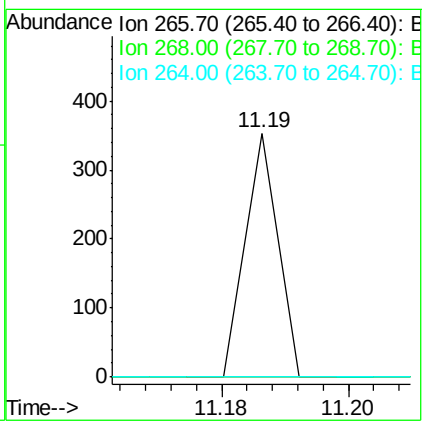


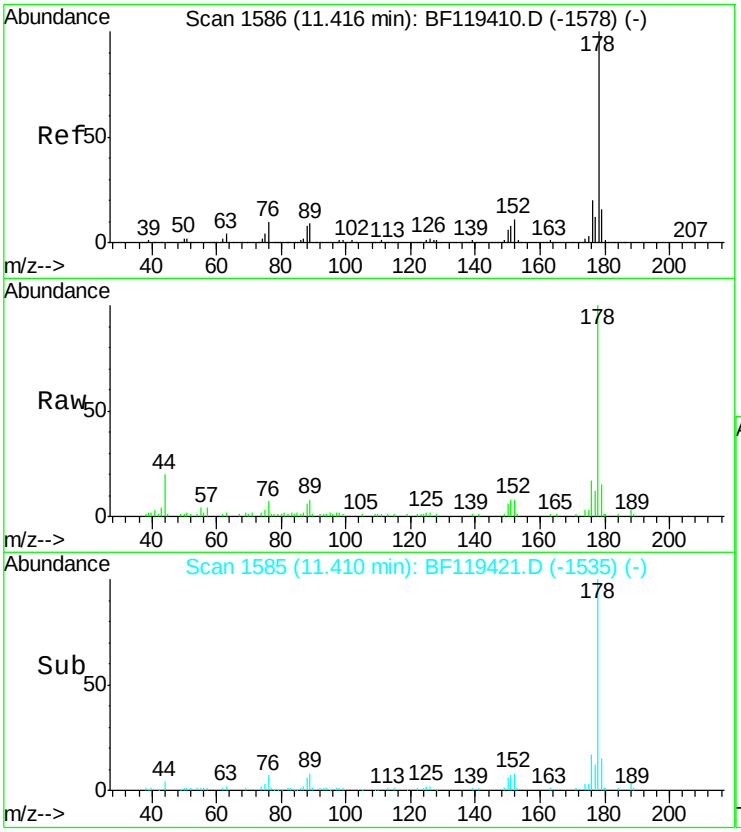


#70
Pentachlorophenol
Concen: 0.02 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:266 Resp: 125

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.7	80.5#
264	0.0	52.5	78.7#



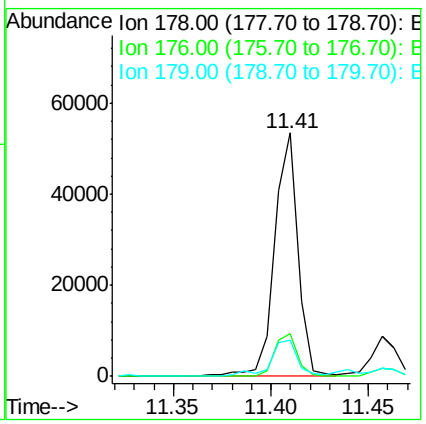


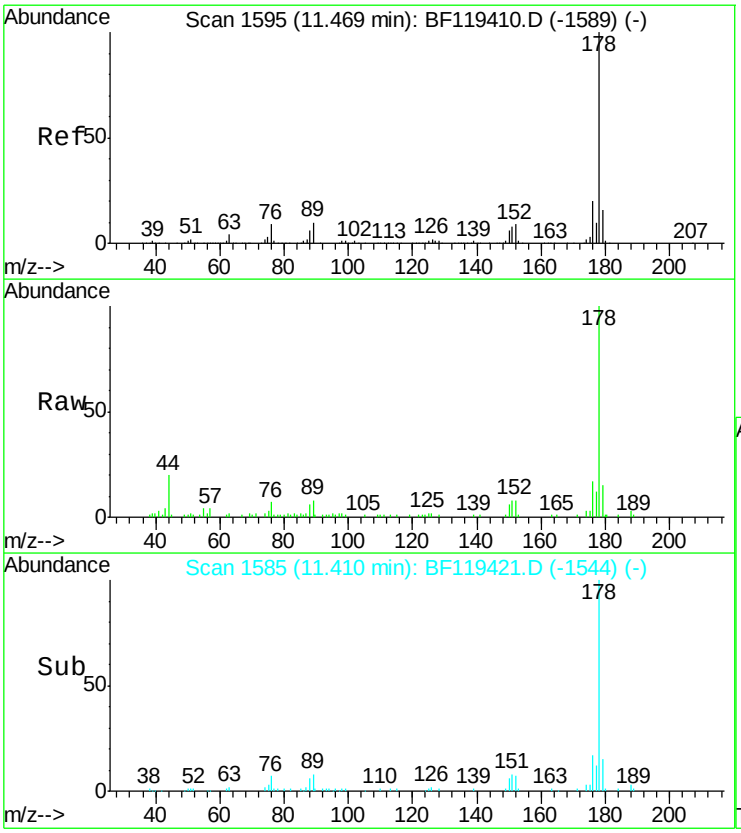
#71
Phenanthrene
Concen: 0.70 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:178 Resp: 44431

Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.2	24.4
179	15.0	12.9	19.3

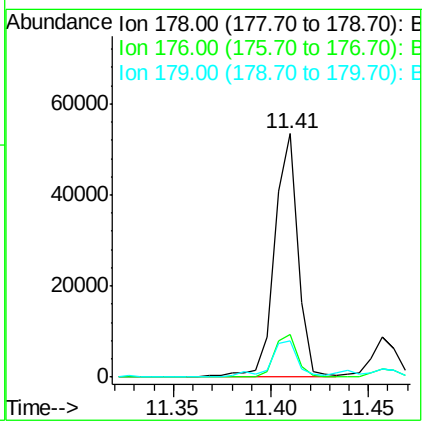


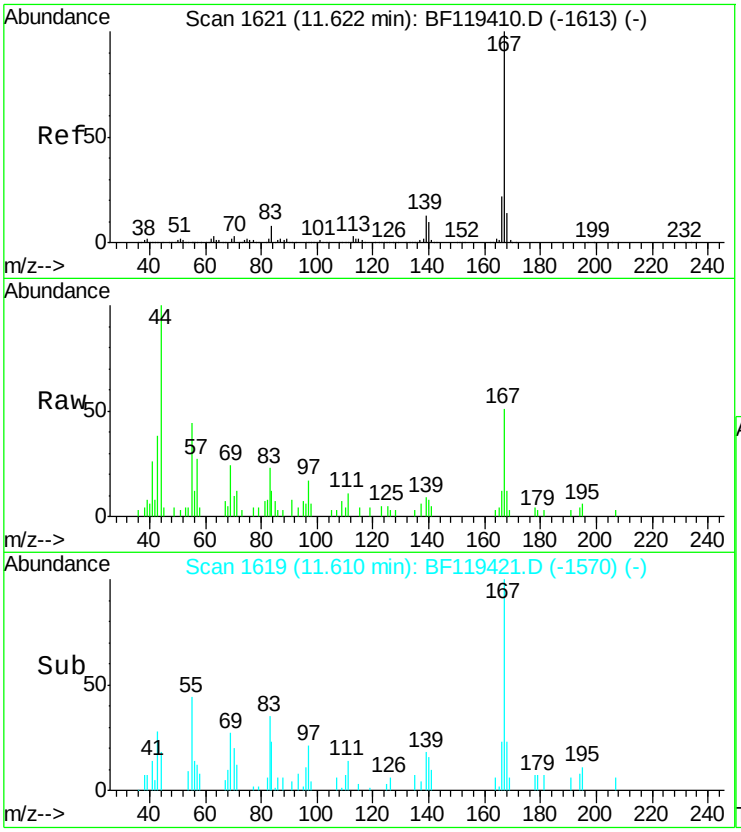


#72
Anthracene
Concen: 0.69 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.06 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:178 Resp: 44431

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.6	23.4
179	15.0	13.1	19.7



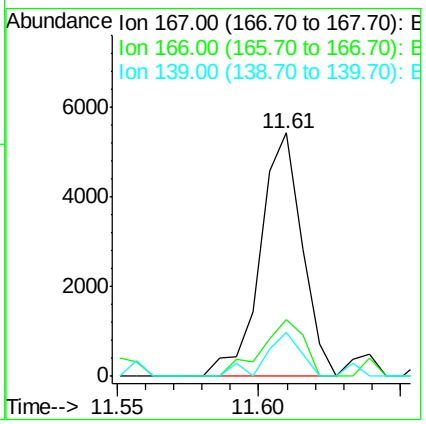


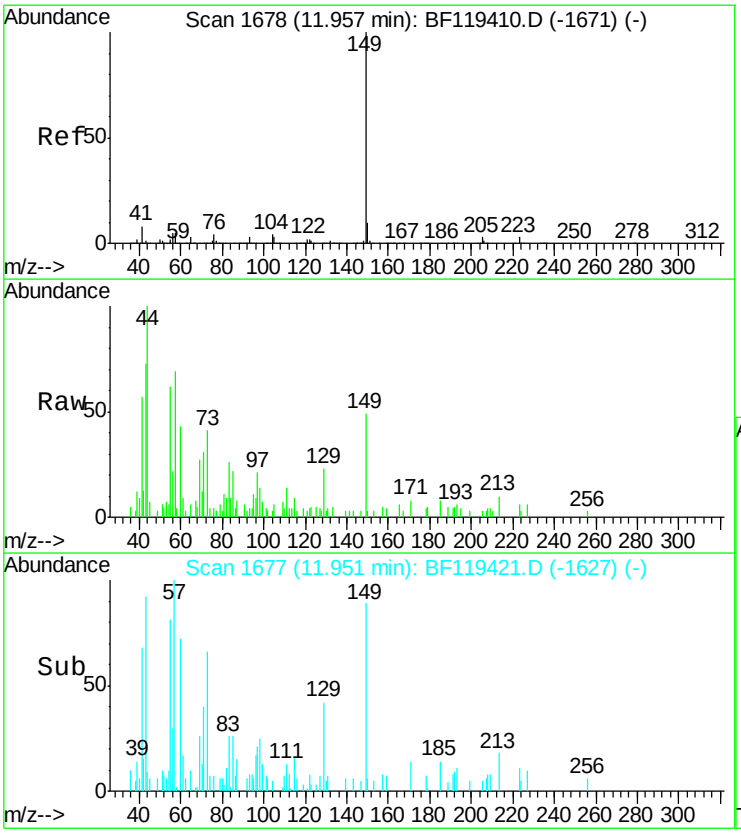
#73
Carbazole
Concen: 0.09 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:167 Resp: 5609

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	18.2	10.2	15.4#

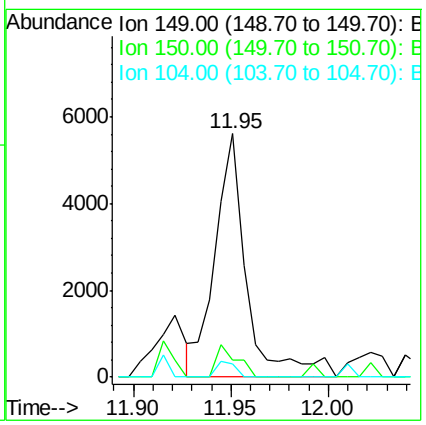


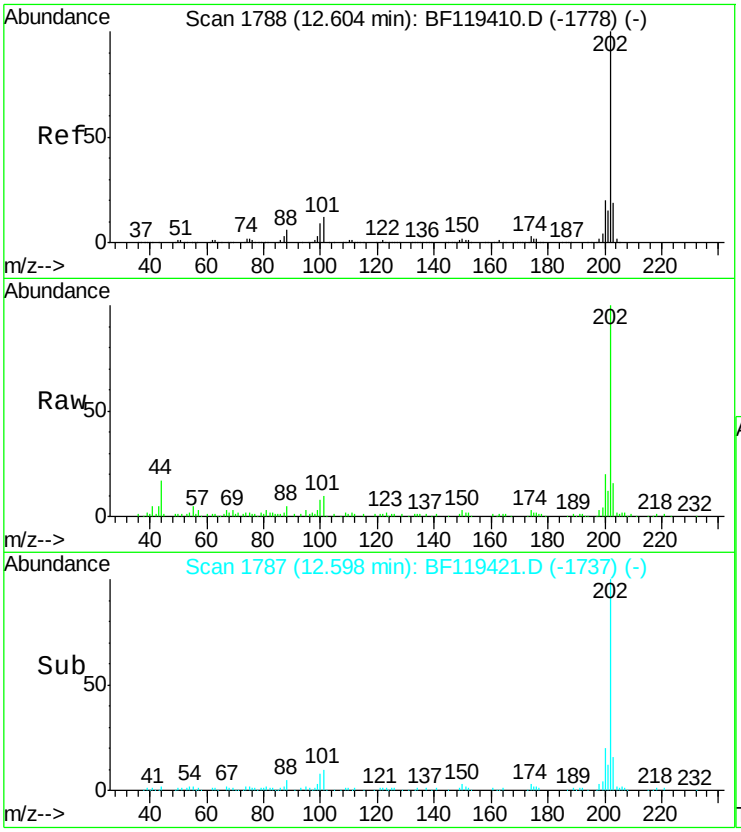


#74
Di-n-butylphthalate
Concen: 0.09 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:149 Resp: 6292

Ion	Ratio	Lower	Upper
149	100		
150	7.0	7.6	11.4#
104	5.6	3.5	5.3#



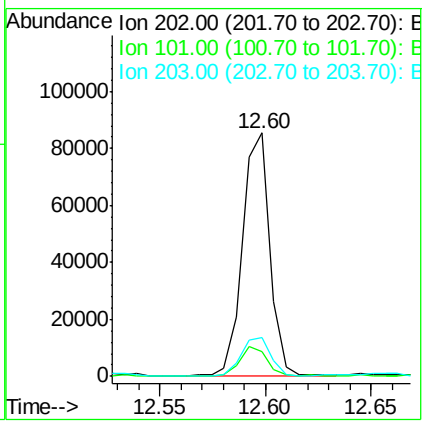


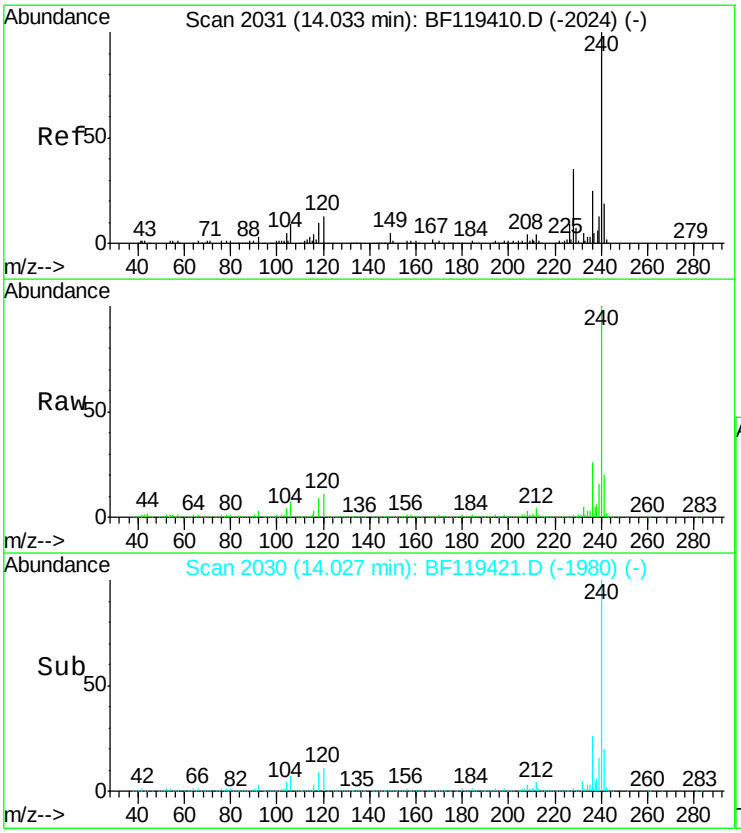
#75
Fluoranthene
Concen: 1.13 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:202 Resp: 77330

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.4
203	16.2	0.0	38.5

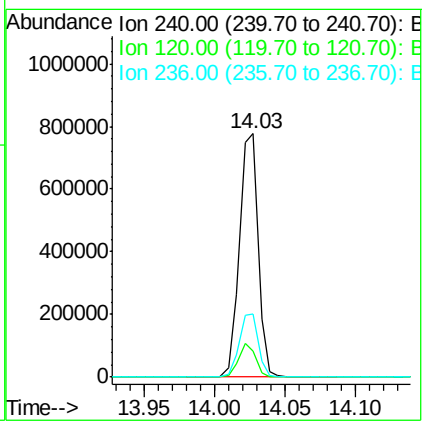


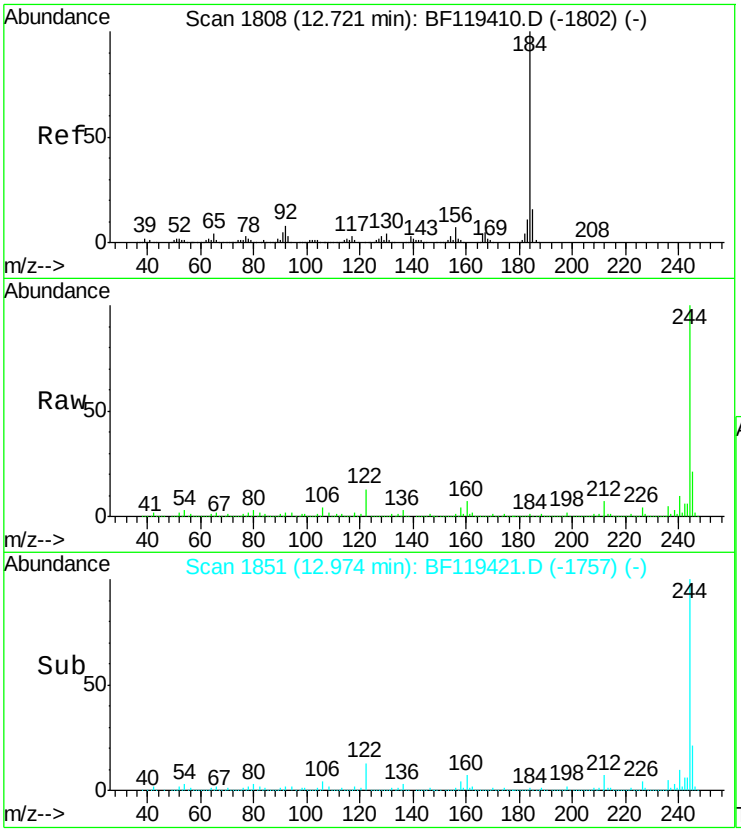


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:240 Resp: 721733

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.2	15.4
236	25.8	20.4	30.6



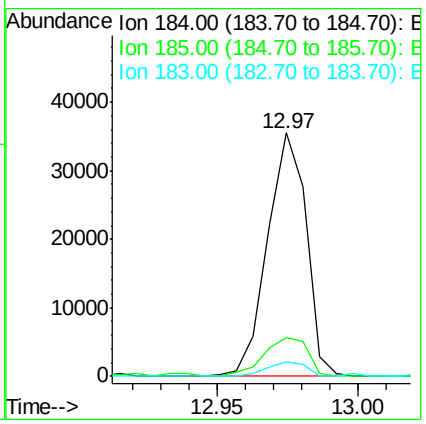


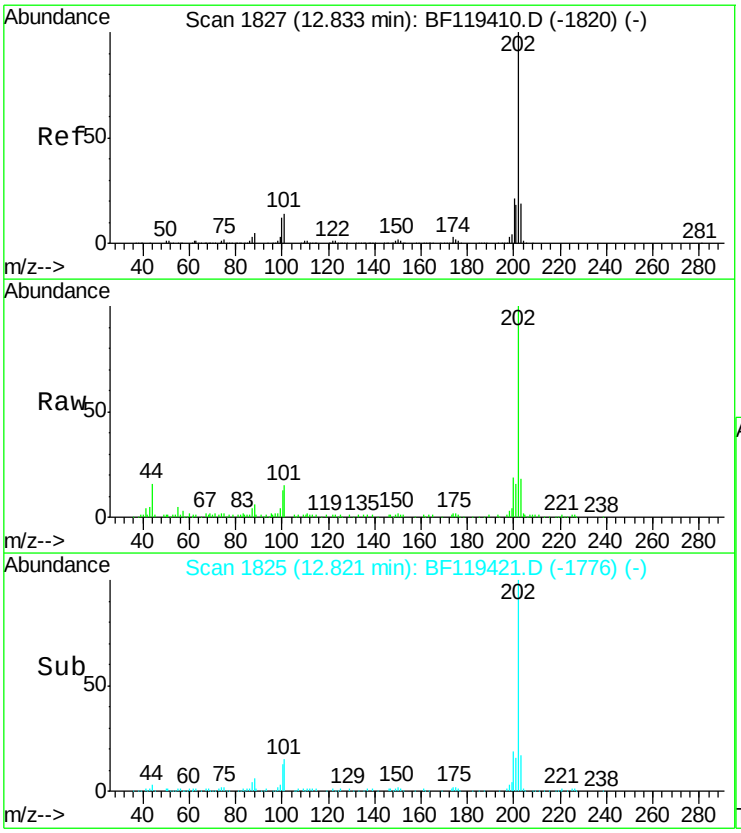
#77
Benzidine
Concen: 1.11 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.25 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:184 Resp: 33859

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.9	19.3
183	6.2	9.0	13.4#

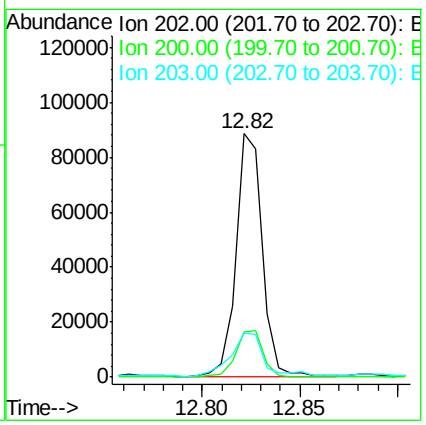


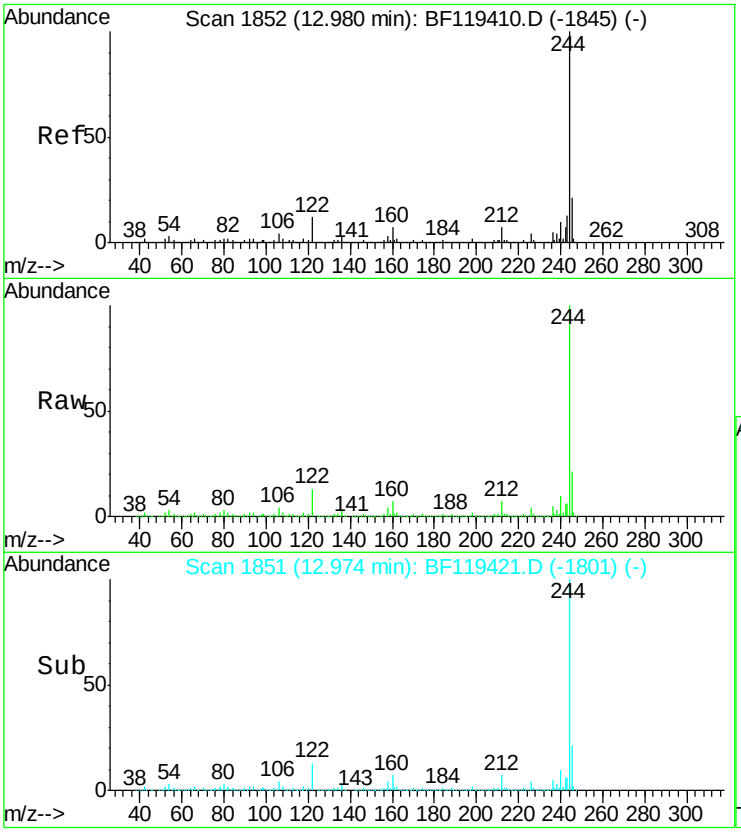


#78
Pyrene
Concen: 1.40 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:202 Resp: 83118

Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.8	25.2
203	18.1	14.8	22.2



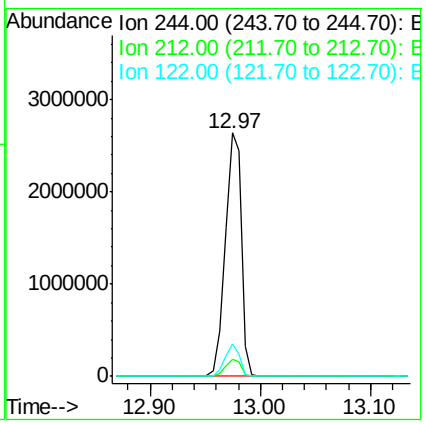


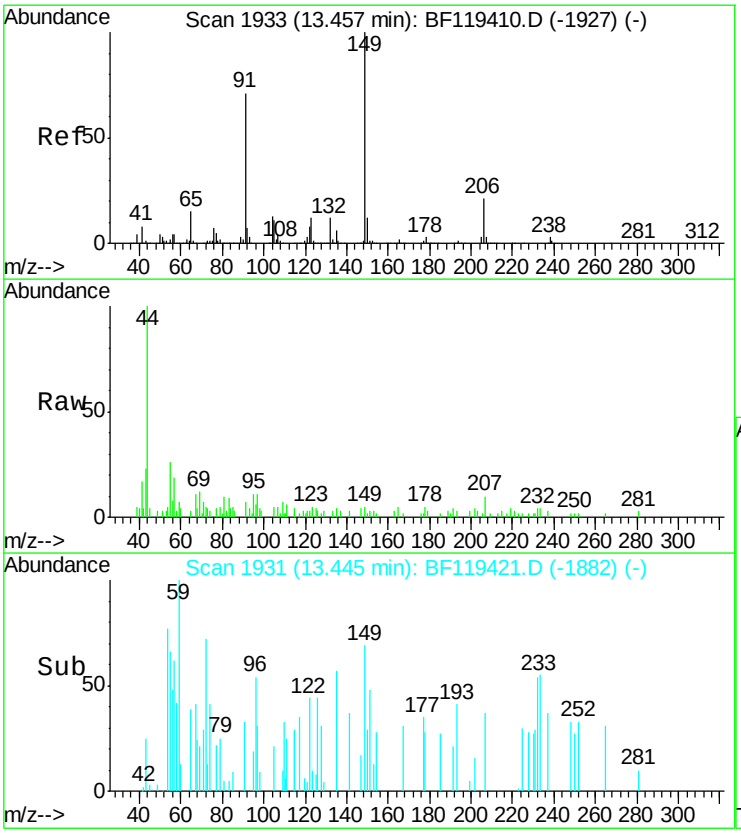
#79
Terphenyl-d14
Concen: 72.86 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:244 Resp: 2684155

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.2	9.8	14.8

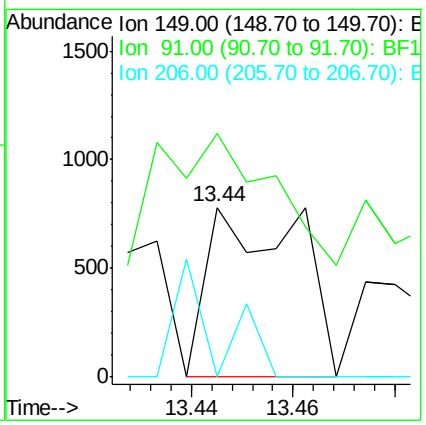


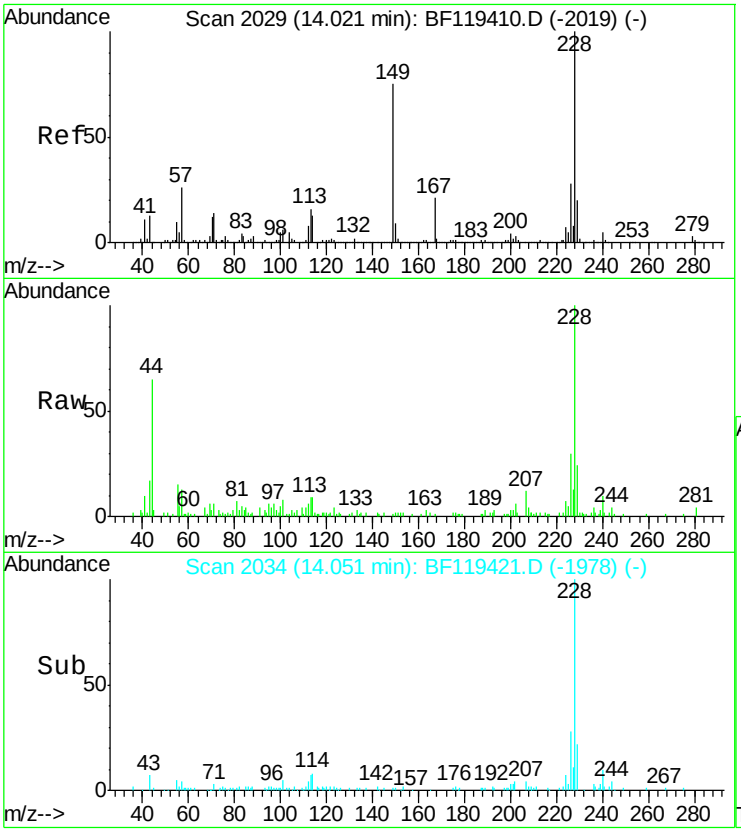


#80
Butylbenzylphthalate
Concen: 0.04 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:149 Resp: 962

Ion	Ratio	Lower	Upper
149	100		
91	143.4	57.0	85.6#
206	0.0	16.4	24.6#



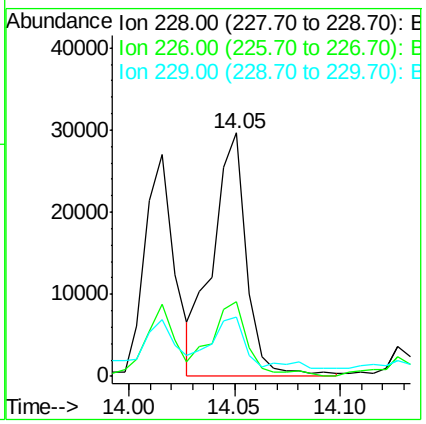


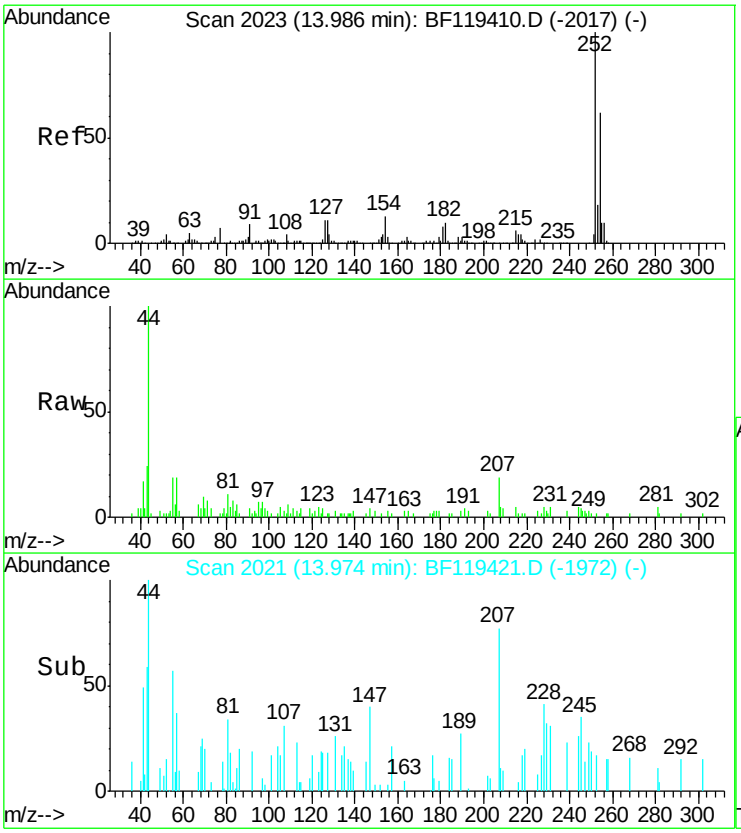
#81
Benzo(a)anthracene
Concen: 0.70 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.03 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:228 Resp: 32996

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	24.4	16.3	24.5

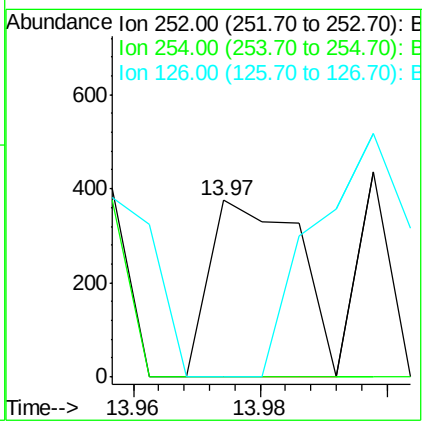


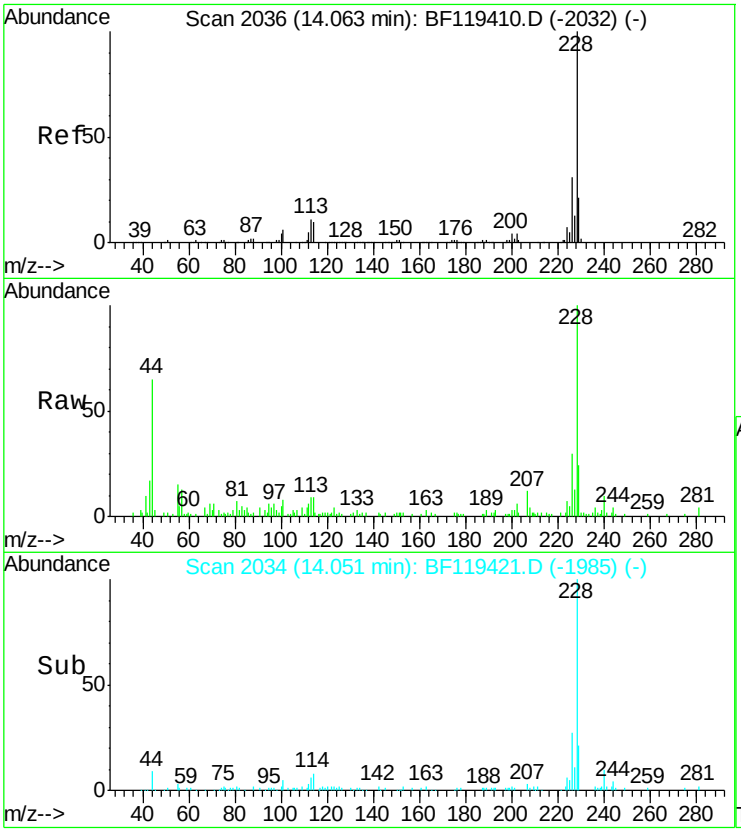


#82
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:252 Resp: 364

Ion	Ratio	Lower	Upper
252	100		
254	0.0	49.8	74.8#
126	0.0	8.9	13.3#



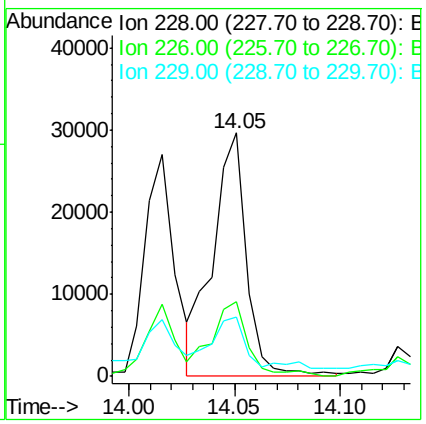


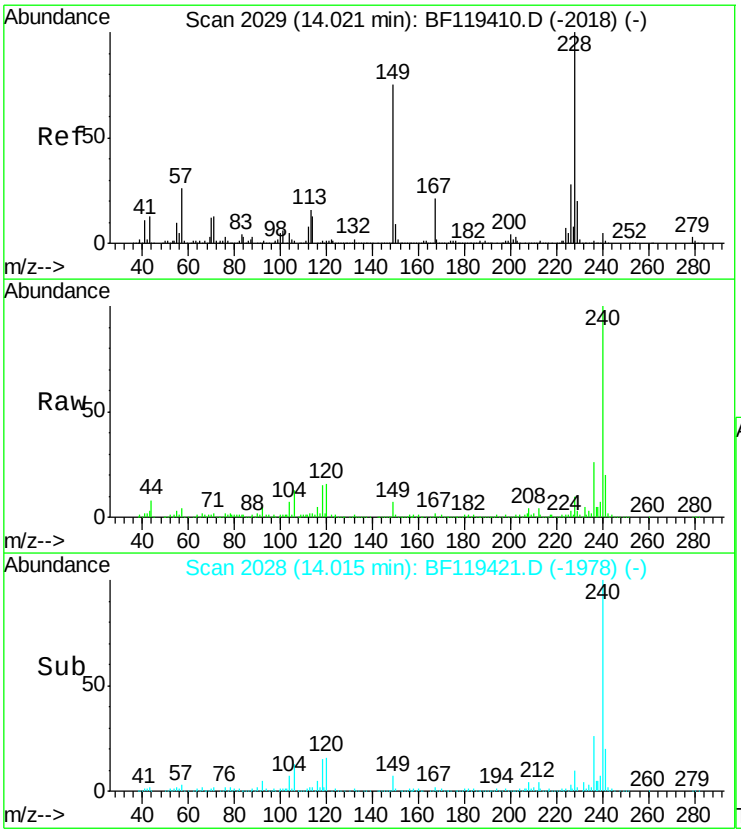
#83
Chrysene
Concen: 0.68 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:228 Resp: 32996

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	24.4	16.6	25.0

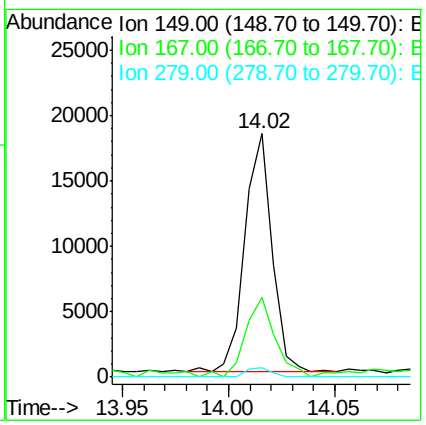


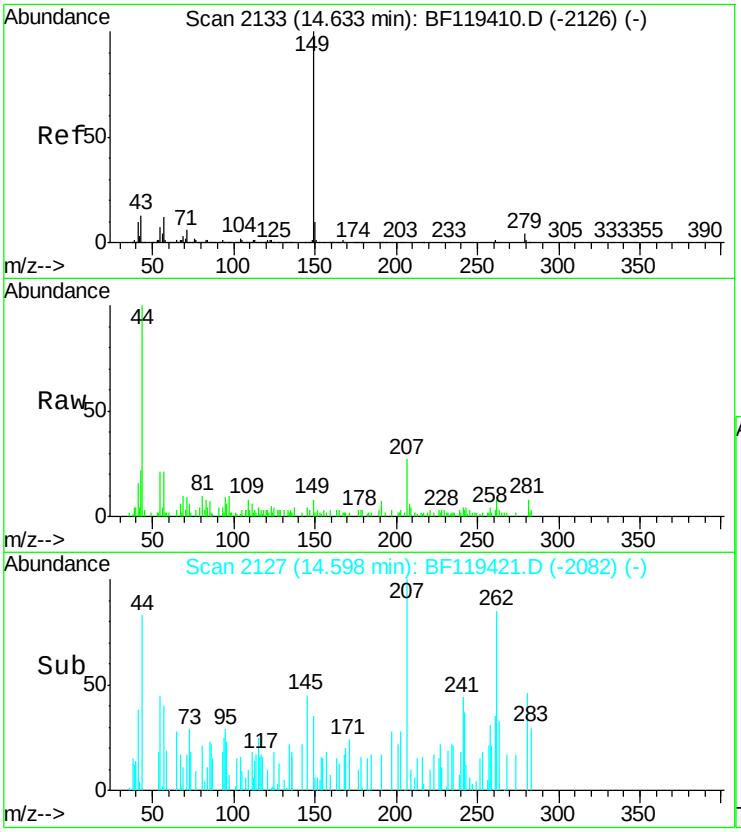


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.57 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:149 Resp: 16410

Ion	Ratio	Lower	Upper
149	100		
167	32.9	22.0	33.0
279	4.1	3.2	4.8



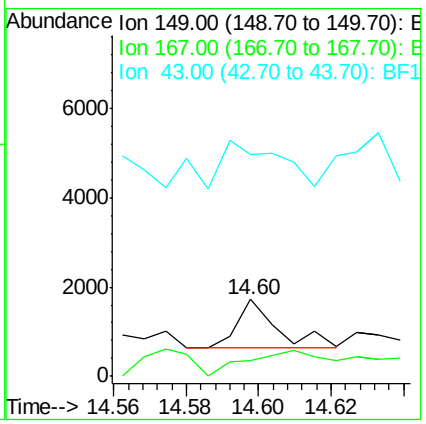


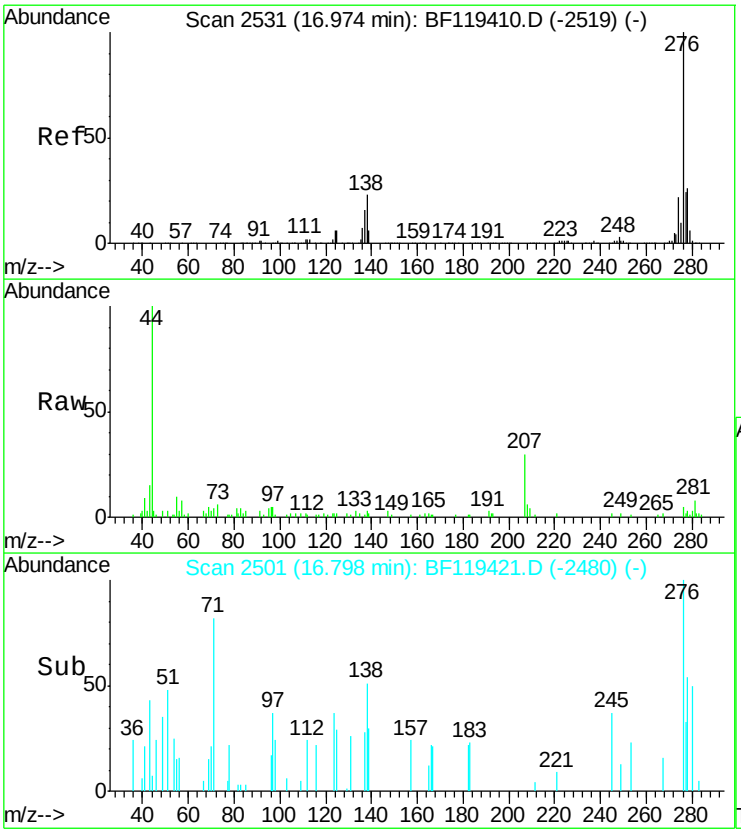
#85
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.04 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:149 Resp: 817

Ion	Ratio	Lower	Upper
149	100		
167	107.8	1.1	1.7#
43	0.0	10.1	15.1#

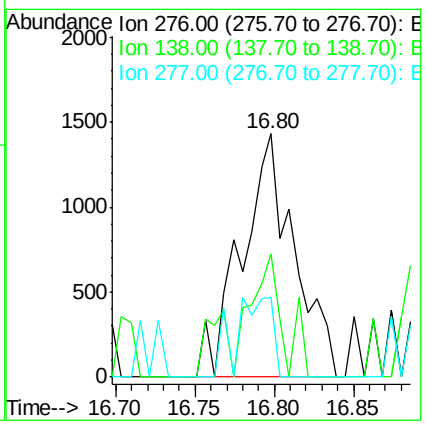


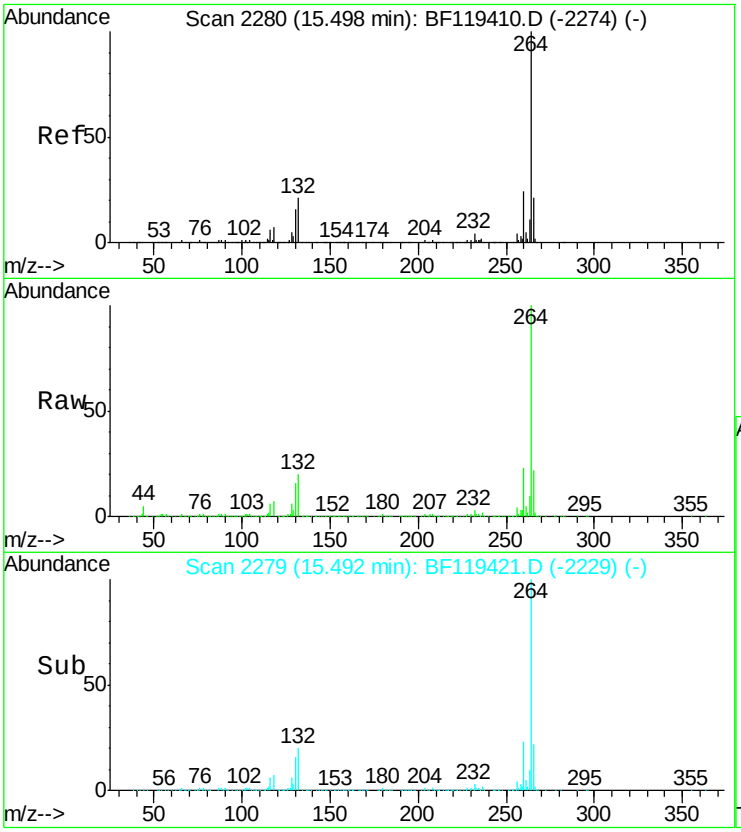


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.18 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:276 Resp: 3291

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.3	31.9
277	23.4	20.2	30.2



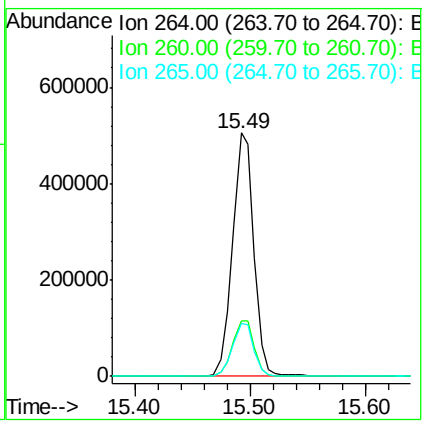


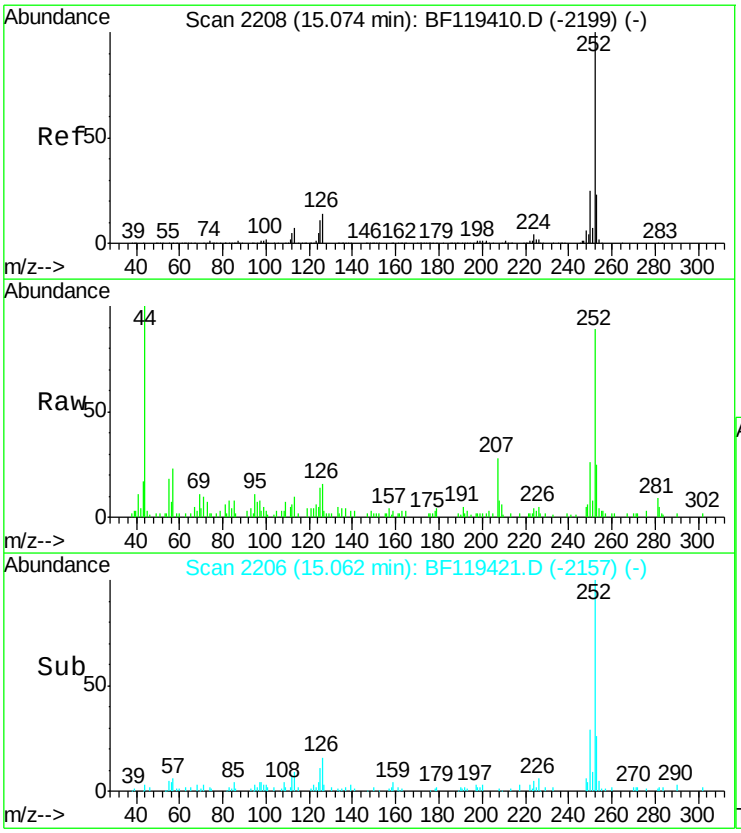
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:264 Resp: 643467

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.0	16.9	25.3

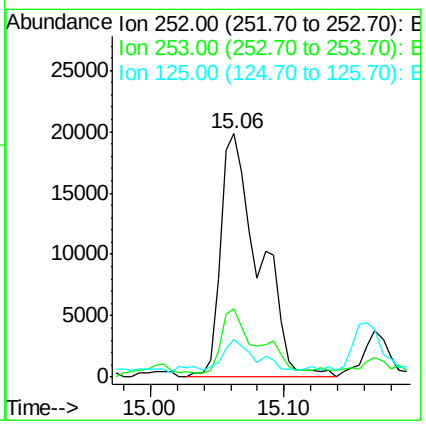


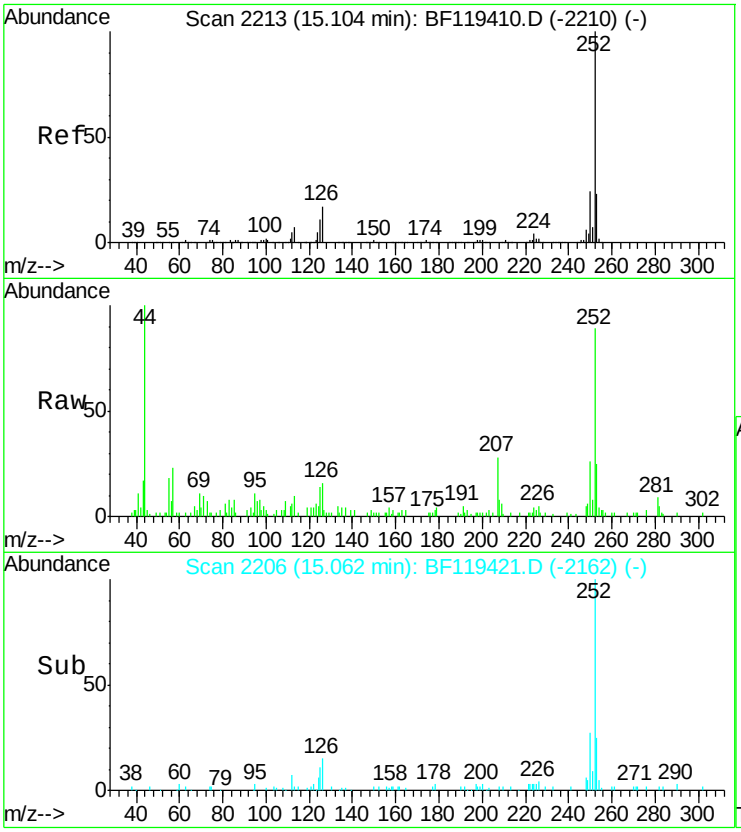


#88
Benzo(b)fluoranthene
Concen: 0.93 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:252 Resp: 40139

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.4#
125	15.3	8.8	13.2#



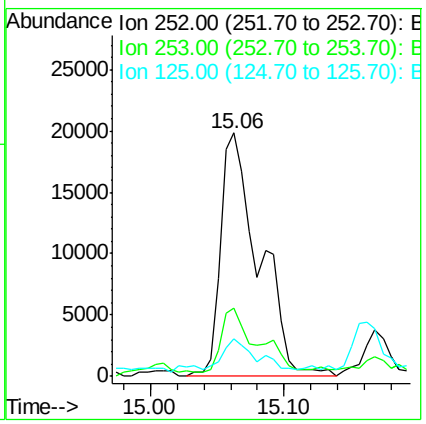


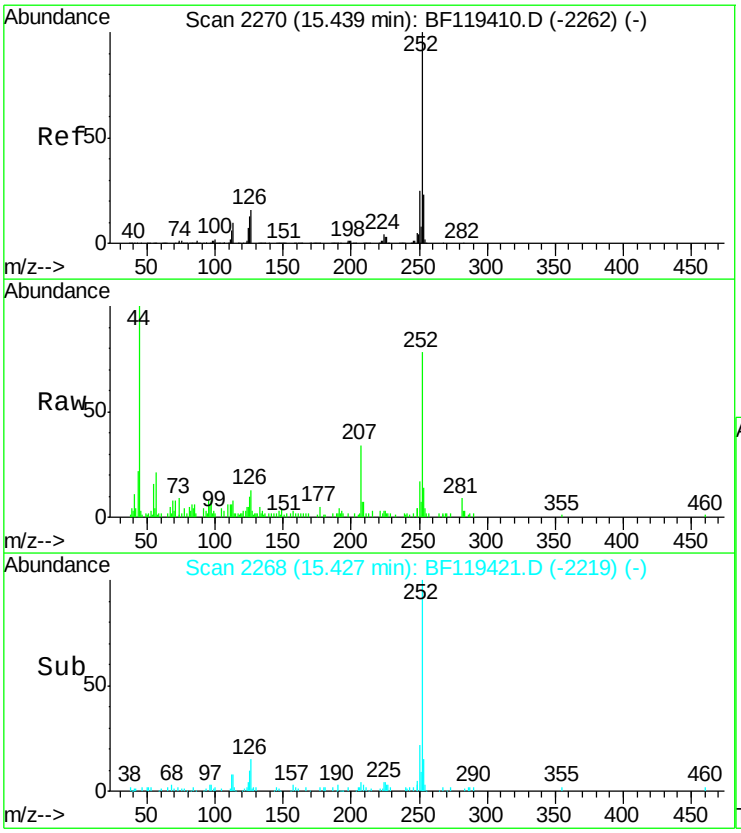
#89
Benzo(k)fluoranthene
Concen: 0.98 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:252 Resp: 40139

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.4#
125	15.3	9.0	13.4#

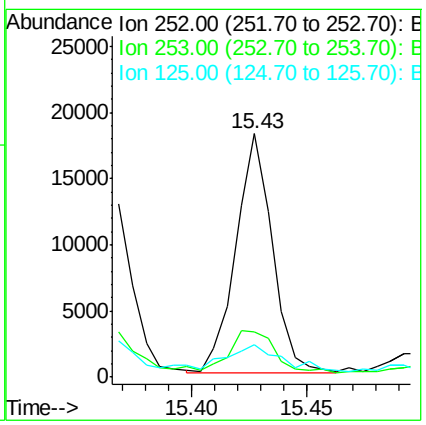


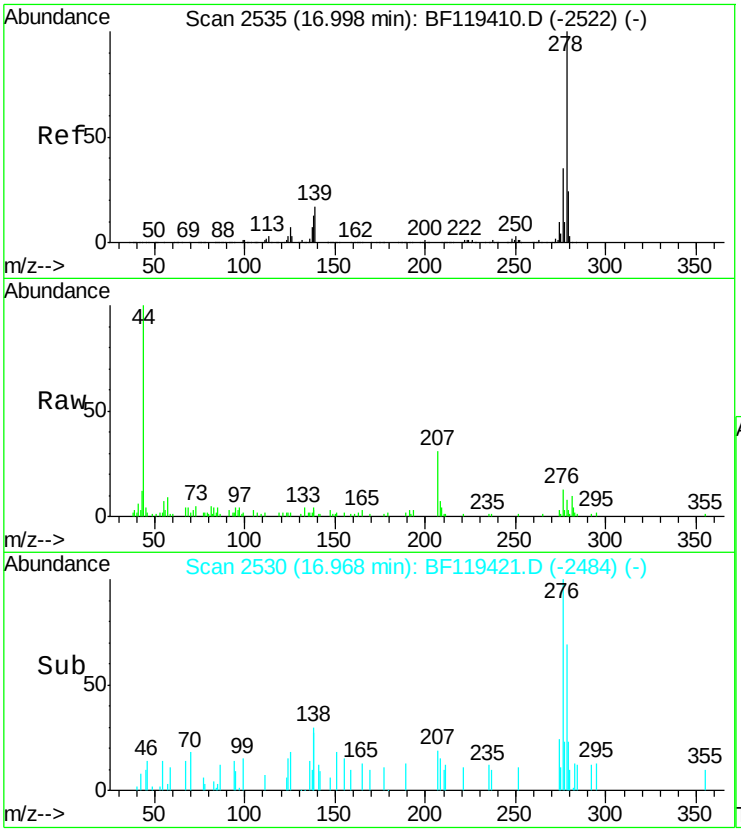


#90
Benzo(a)pyrene
Concen: 0.51 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:252 Resp: 19939

Ion	Ratio	Lower	Upper
252	100		
253	18.5	18.2	27.4
125	13.2	10.2	15.2



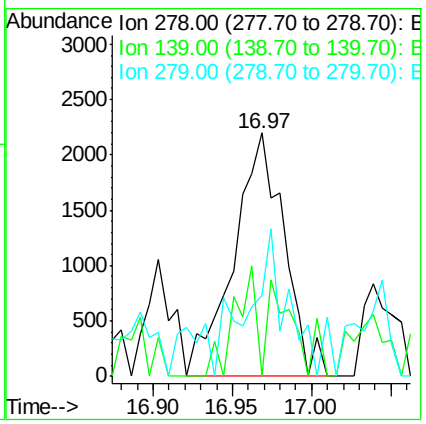


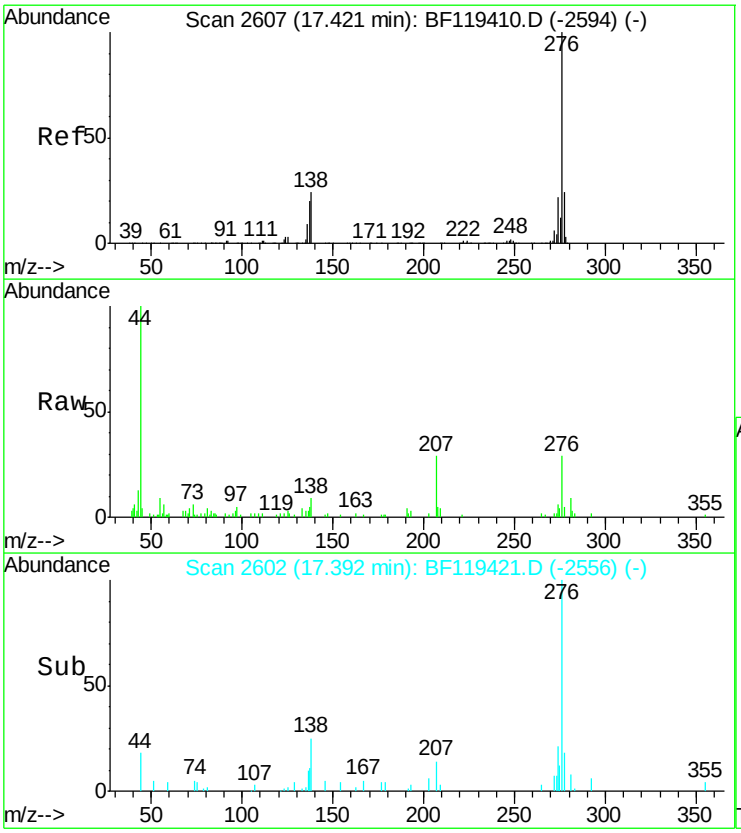
#91
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.03 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tgt Ion:278 Resp: 4864

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.7	20.5#
279	33.1	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 0.46 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.03 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:276 Resp: 15730

Ion	Ratio	Lower	Upper
276	100		
277	18.2	18.8	28.2#
138	30.4	19.1	28.7#