Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119432.D
Acq On : 18 Mar 2020 23:22
Operator : CG/JU
Sample : L1913-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MK-031220-COMP-DP

Quant Time: Mar 19 01:22:12 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	372378	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1392980	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	681406	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1169650	20.00	ng		0.00
76) Chrysene-d12	14.03	240	677371	20.00	ng		0.00
87) Perylene-d12	15.50	264	701454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2315033	98.97	ng		0.01
7) Phenol-d6	6.47	99	2959965	99.06	ng		0.00
23) Nitrobenzene-d5	7.42	82	1859441	72.55	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	676287	96.20	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3058023	66.49	ng		0.00
79) Terphenyl-d14	12.97	244	2579977	74.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	364	0.03	ng	#	1
3) Pyridine	3.65	79	132	0.00	ng	#	1
4) n-Nitrosodimethylamine	3.30	42	206	0.01	ng	#	1
6) Aniline	6.49	93	362	0.01	ng	#	1
9) Benzaldehyde	6.40	77	593	0.03	ng	#	63
10) Phenol	6.49	94	13117	0.41	ng		91
11) bis(2-Chloroethyl)ether	6.49	93	362	0.01	ng	#	1
12) 1,3-Dichlorobenzene	6.87	146	620	0.02	ng	#	69
13) 1,4-Dichlorobenzene	6.87	146	620	0.02	ng		98
14) 1,2-Dichlorobenzene	6.87	146	620	0.02	ng		96
15) Benzyl Alcohol	7.01	79	30228	1.34	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	7.12	45	116	0.00	ng		75
17) 2-Methylphenol	7.01	107	387	0.02	ng	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	245835	13.65	ng	#	74
20) 3+4-Methylphenols	7.25	107	235	0.01	ng	#	1
22) Acetophenone	7.26	105	1142	0.03	ng	#	63
24) Nitrobenzene	7.42	77	4854	0.18	ng	#	38
25) Isophorone	7.42	82	1857885	35.73	ng	#	66
27) 2,4-Dimethylphenol	7.80	122	168	0.01	ng	#	3
28) bis(2-Chloroethoxy)methane	7.64	93	146	0.00	ng	#	49
31) Naphthalene	8.16	128	11015	0.15	ng		99
32) Benzoic acid	7.83	122	127	0.01	ng	#	1
33) 4-Chloroaniline	8.16	127	1668	0.05	ng	#	29
35) Caprolactam	8.52	113	775	0.12	ng	#	36
36) 4-Chloro-3-methylphenol	8.70	107	215	0.01	ng	#	19
37) 2-Methylnaphthalene	8.85	142	4122	0.09	ng		88
38) 1-Methylnaphthalene	8.95	142	2269	0.05	ng	#	85
46) 1,1'-Biphenyl	9.32	154	11486	0.21	ng		98
47) 2-Chloronaphthalene	9.61	162	3192	0.07	ng	#	1
48) 2-Nitroaniline	9.61	65	4325	0.29	ng	#	1
49) Acenaphthylene	9.76	152	4262	0.06	ng	#	87
50) Dimethylphthalate	9.61	163	430689	8.90	ng		100
51) 2,6-Dinitrotoluene	9.61	165	4464	0.43	ng	#	3
52) Acenaphthene	9.93	154	1211	0.03	ng	#	76

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119432.D
Acq On : 18 Mar 2020 23:22
Operator : CG/JU
Sample : L1913-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MK-031220-COMP-DP

Quant Time: Mar 19 01:22:12 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)
53) 3-Nitroaniline	9.61	138	115	0.01	ng	#	1
55) Dibenzofuran	10.10	168	4208	0.07	ng	#	92
56) 4-Nitrophenol	10.10	139	1819	0.18	ng	#	8
57) 2,4-Dinitrotoluene	9.90	165	88022	6.74	ng	#	25
58) Fluorene	10.45	166	1877	0.04	ng		95
60) Diethylphthalate	10.32	149	1125	0.02	ng	#	60
61) 4-Chlorophenyl-phenylether	10.24	204	341	0.02	ng	#	28
63) Azobenzene	10.61	77	453	0.01	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.69	198	1486	0.30	ng	#	1
66) n-Nitrosodiphenylamine	10.69	169	22193	0.58	ng	#	45
67) 4-Bromophenyl-phenylether	10.69	248	42494	3.19	ng	#	1
70) Pentachlorophenol	11.15	266	107	0.01	ng	#	1
71) Phenanthrene	11.41	178	47961	0.79	ng		93
72) Anthracene	11.46	178	10513	0.17	ng		95
73) Carbazole	11.61	167	4217	0.07	ng		97
74) Di-n-butylphthalate	11.95	149	4709	0.07	ng	#	96
75) Fluoranthene	12.60	202	105059	1.60	ng		95
77) Benzidine	12.97	184	30030	1.05	ng	#	90
78) Pyrene	12.83	202	95262	1.71	ng		99
80) Butylbenzylphthalate	13.43	149	423	0.02	ng	#	84
81) Benzo(a)anthracene	14.02	228	50207	1.14	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	109	0.01	ng	#	27
83) Chrysene	14.05	228	52700	1.16	ng		93
84) Bis(2-ethylhexyl)phthalate	14.02	149	3987	0.15	ng	#	83
85) Di-n-octyl phthalate	14.62	149	622	0.01	ng	#	71
86) Indeno(1,2,3-cd)pyrene	16.96	276	39015	0.91	ng		97
88) Benzo(b)fluoranthene	15.06	252	96547	2.06	ng	#	97
89) Benzo(k)fluoranthene	15.06	252	96547	2.16	ng	#	97
90) Benzo(a)pyrene	15.43	252	54385	1.28	ng		98
91) Dibenzo(a,h)anthracene	17.14	278	8639	0.23	ng		98
92) Benzo(g,h,i)perylene	17.63	276	10117	0.27	ng		94

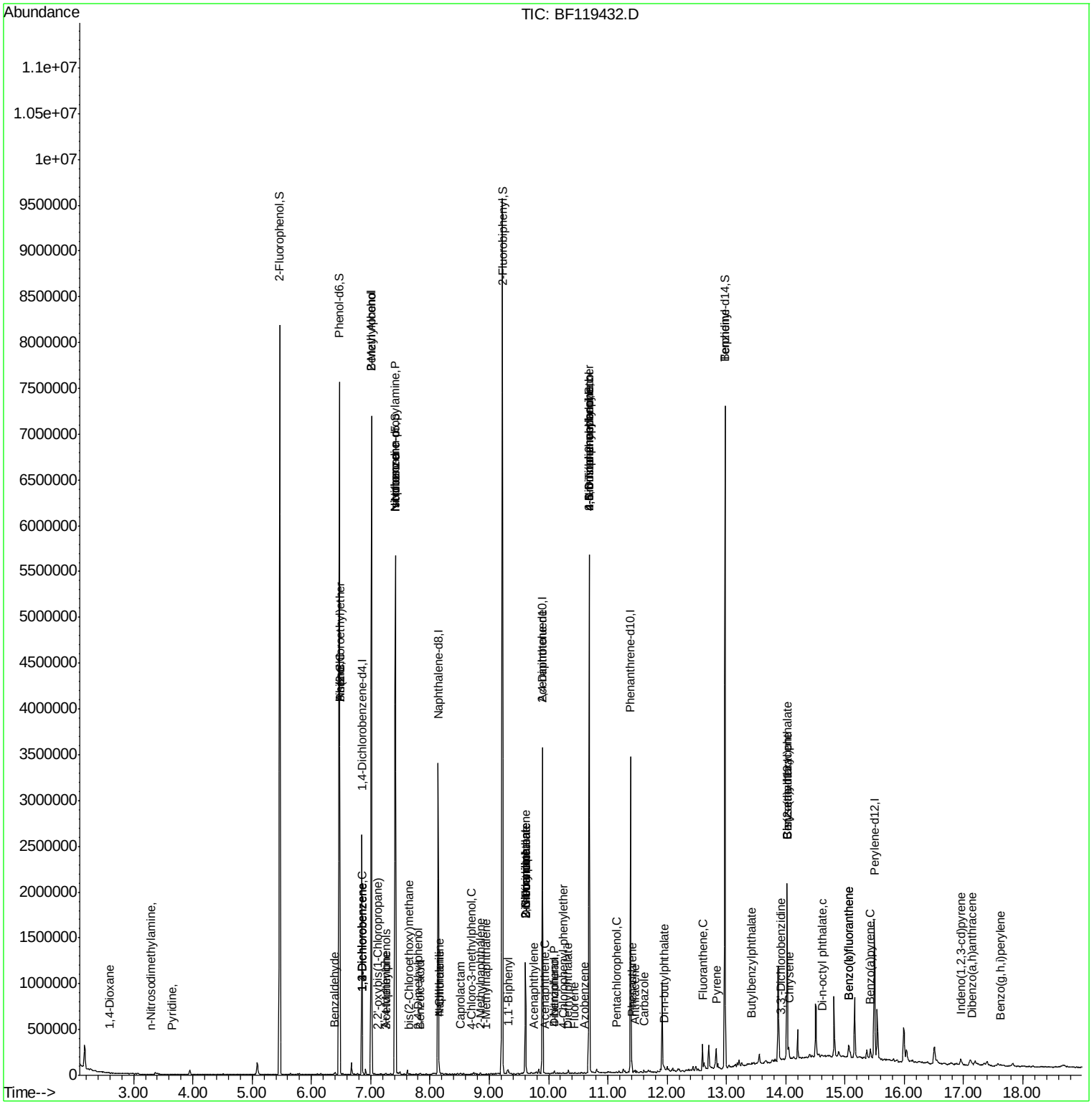
(#) = qualifier out of range (m) = manual integration (+) = signals summed

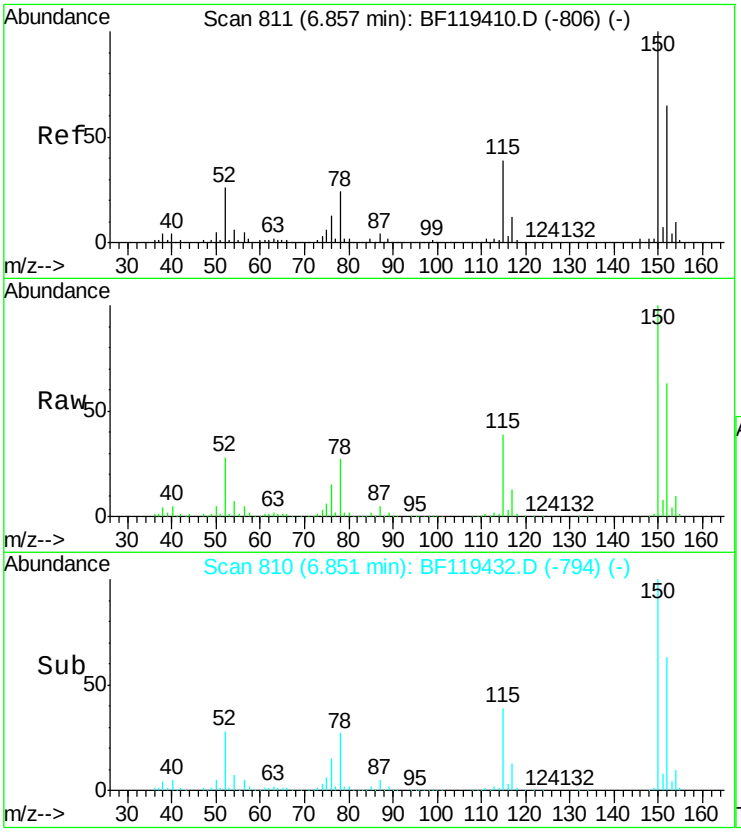
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119432.D
Acq On : 18 Mar 2020 23:22
Operator : CG/JU
Sample : L1913-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Quant Time: Mar 19 01:22:12 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



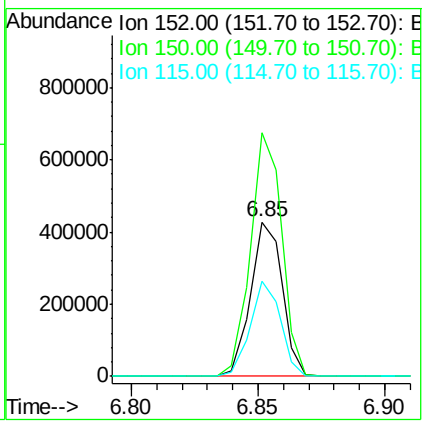


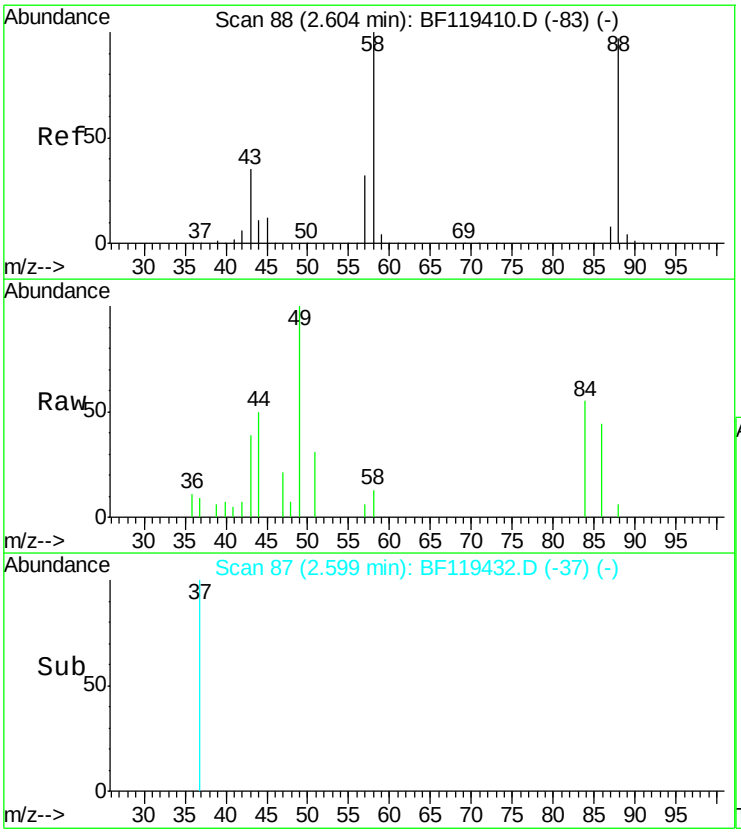
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:152 Resp: 372378

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.9	185.9
115	61.4	47.8	71.6

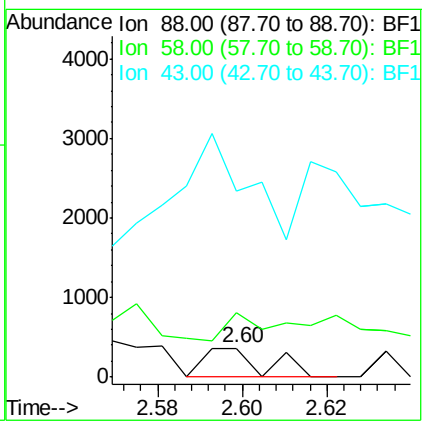


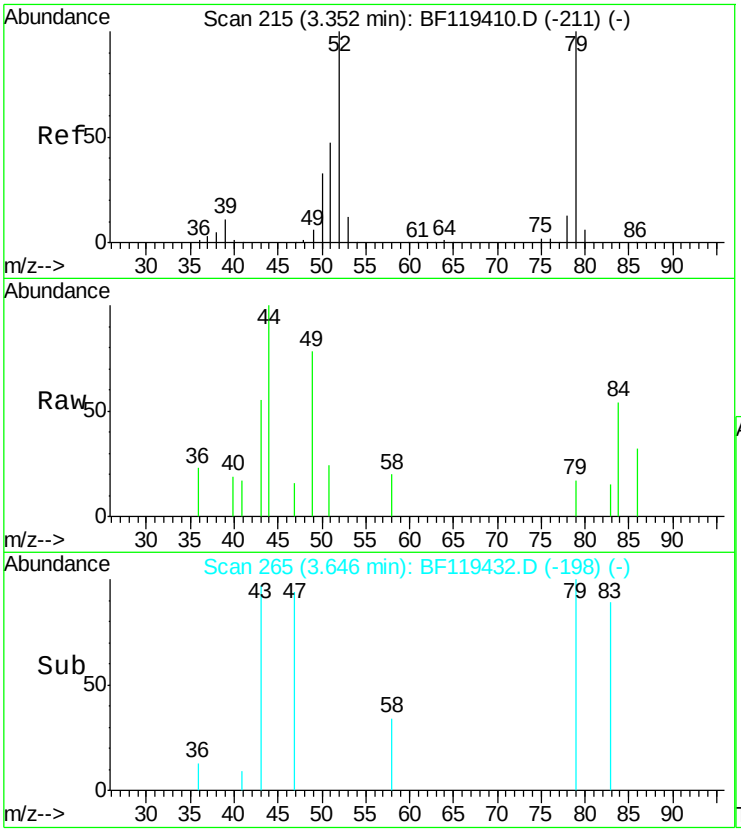


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion: 88 Resp: 364

Ion	Ratio	Lower	Upper
88	100		
58	89.0	79.4	119.2
43	445.1	28.4	42.6#



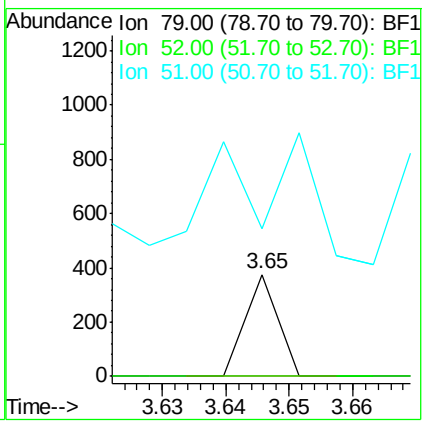


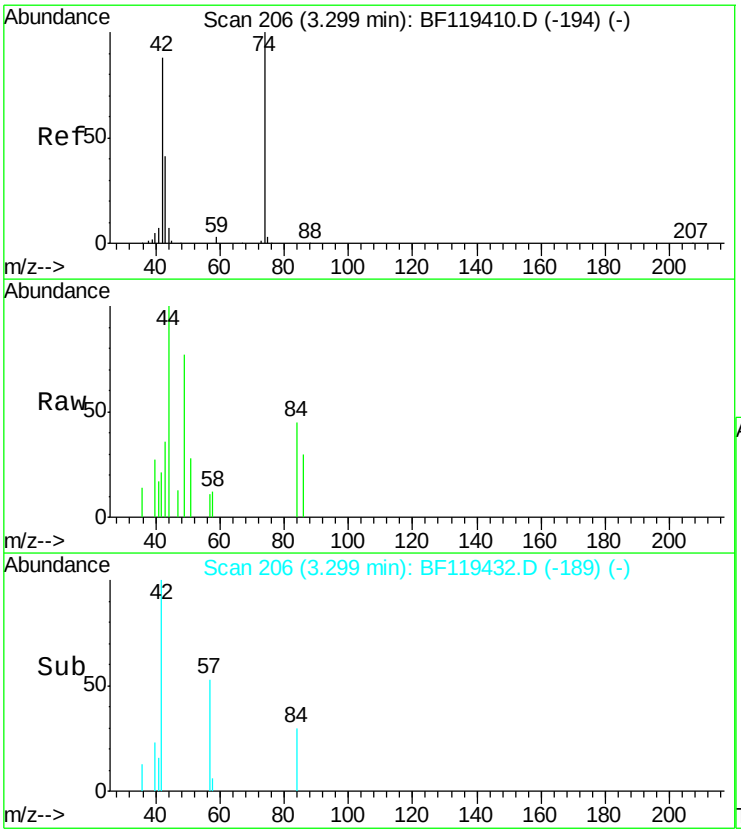
#3
Pyridine
Concen: 0.00 ng
RT: 3.65 min Scan# 265
Delta R.T. 0.29 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion: 79 Resp: 132

Ion	Ratio	Lower	Upper
79	100		
52	0.0	80.0	120.0#
51	145.6	37.9	56.9#

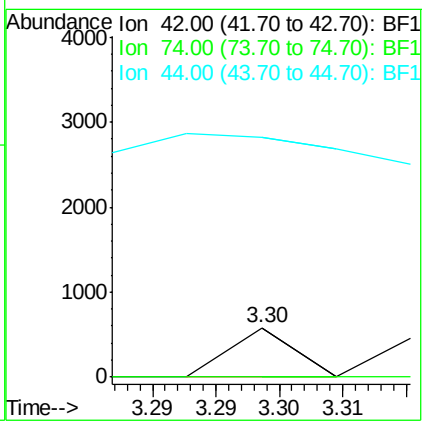


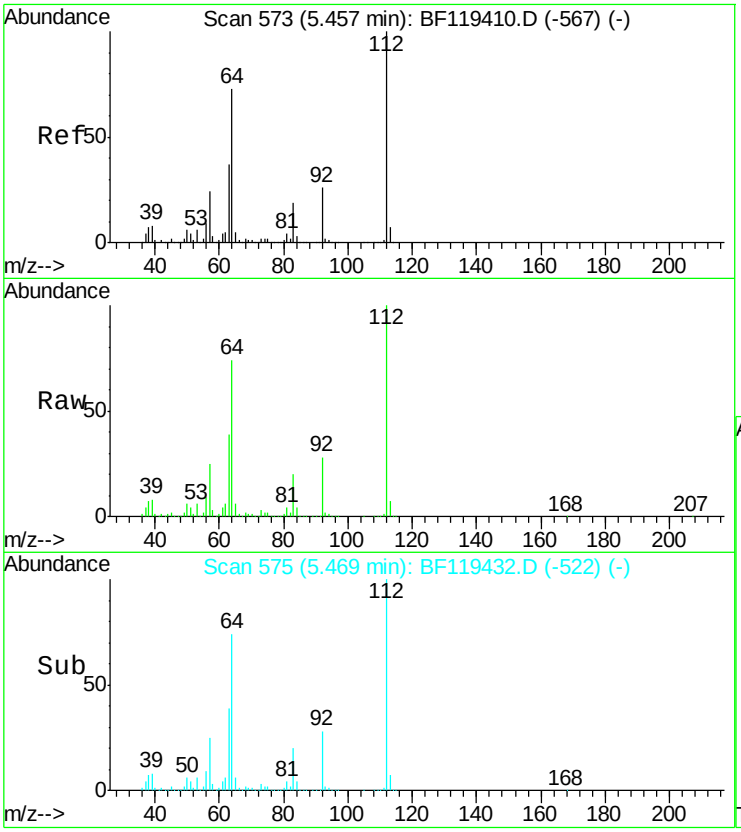


#4
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 3.30 min Scan# 206
Delta R.T. 0.00 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion: 42 Resp: 206

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.3	136.9#
44	484.1	7.1	10.7#



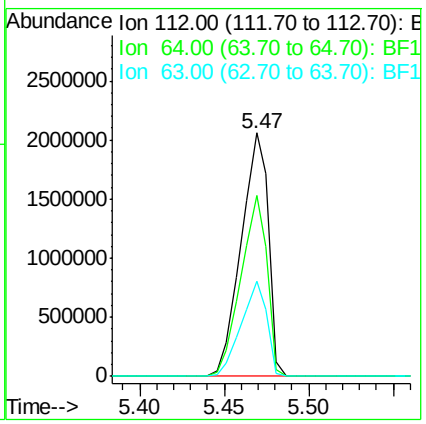


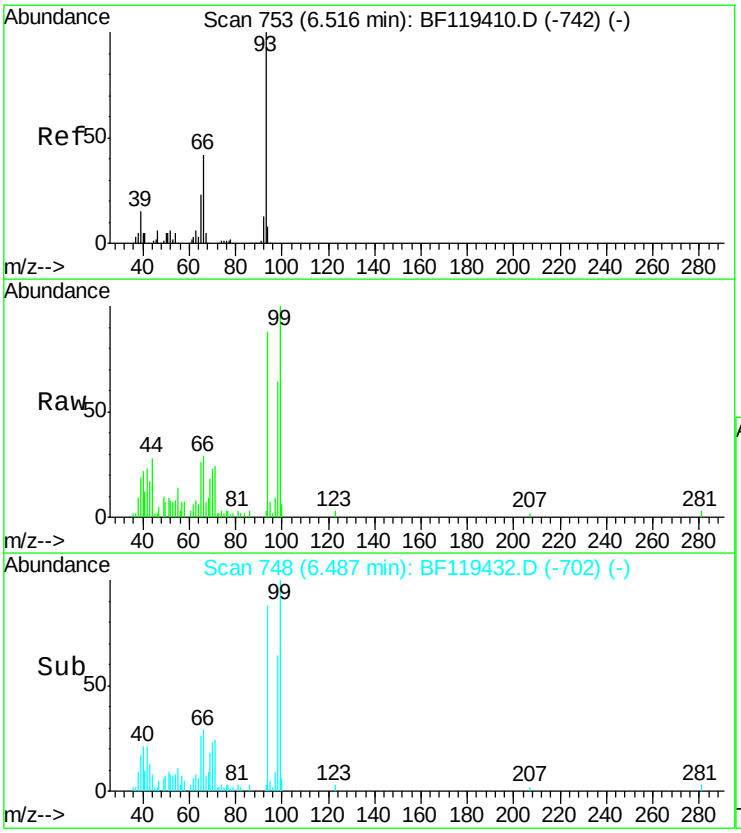
#5
2-Fluorophenol
Concen: 98.97 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:112 Resp: 2315033

Ion	Ratio	Lower	Upper
112	100		
64	74.1	58.1	87.1
63	38.8	29.7	44.5

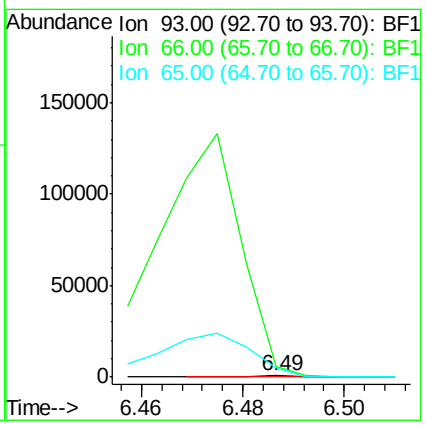


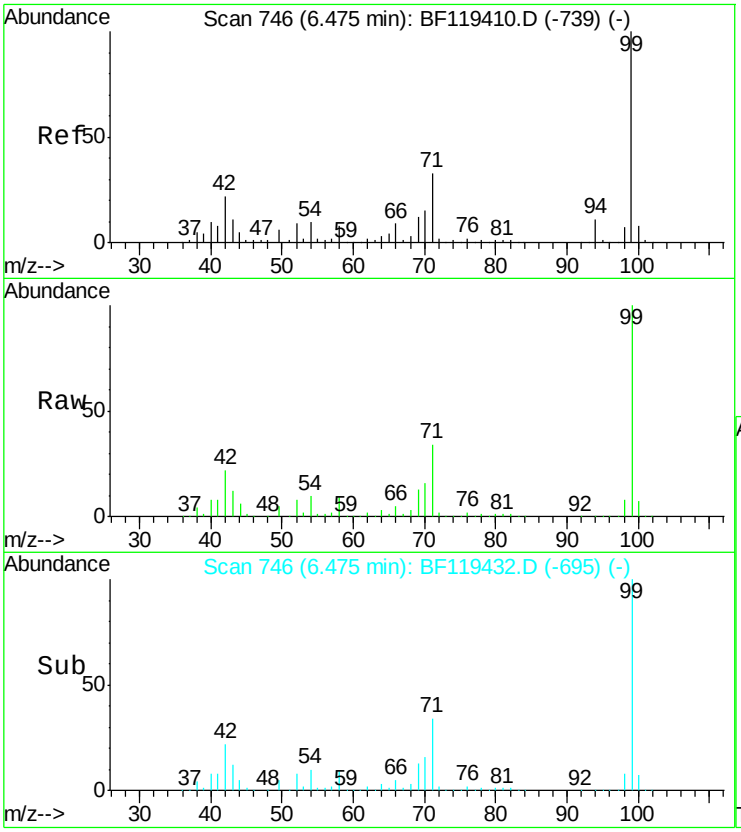


#6
Aniline
Concen: 0.01 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion: 93 Resp: 362

Ion	Ratio	Lower	Upper
93	100		
66	902.3	34.2	51.4#
65	797.6	18.2	27.4#



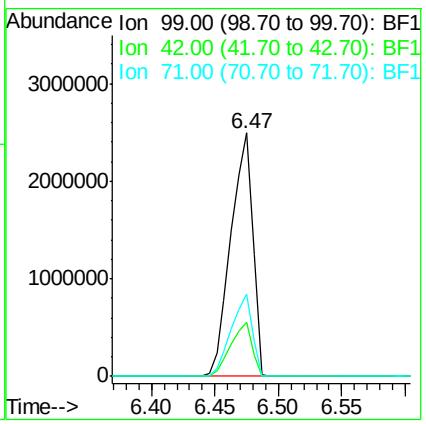


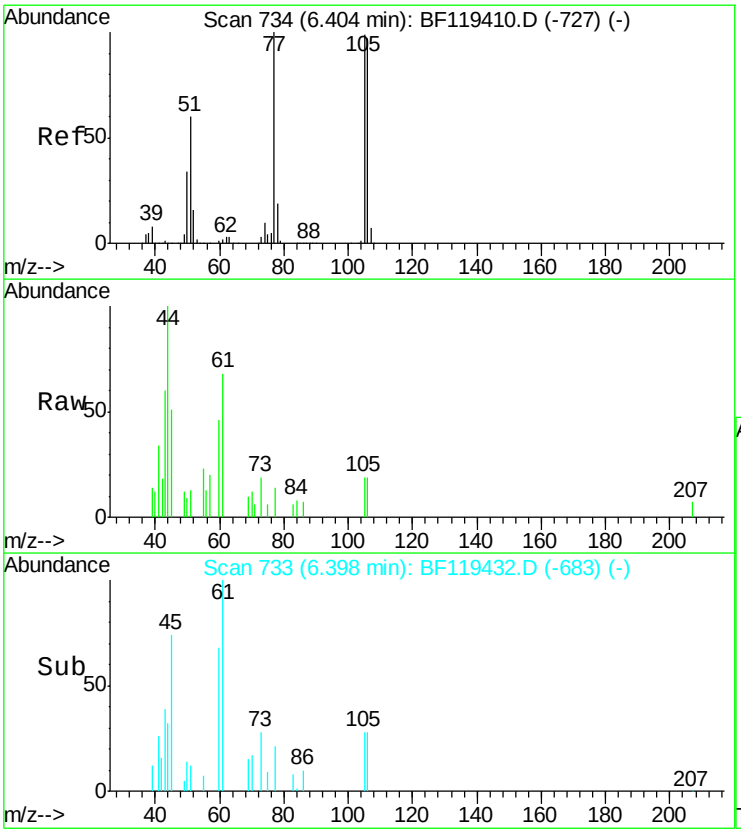
#7
Phenol-d6
Concen: 99.06 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion: 99 Resp: 2959965

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.8	26.6
71	34.0	26.0	39.0

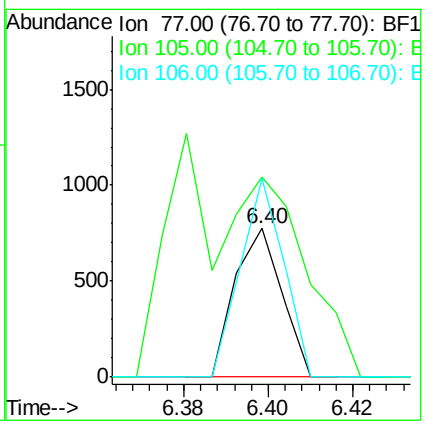


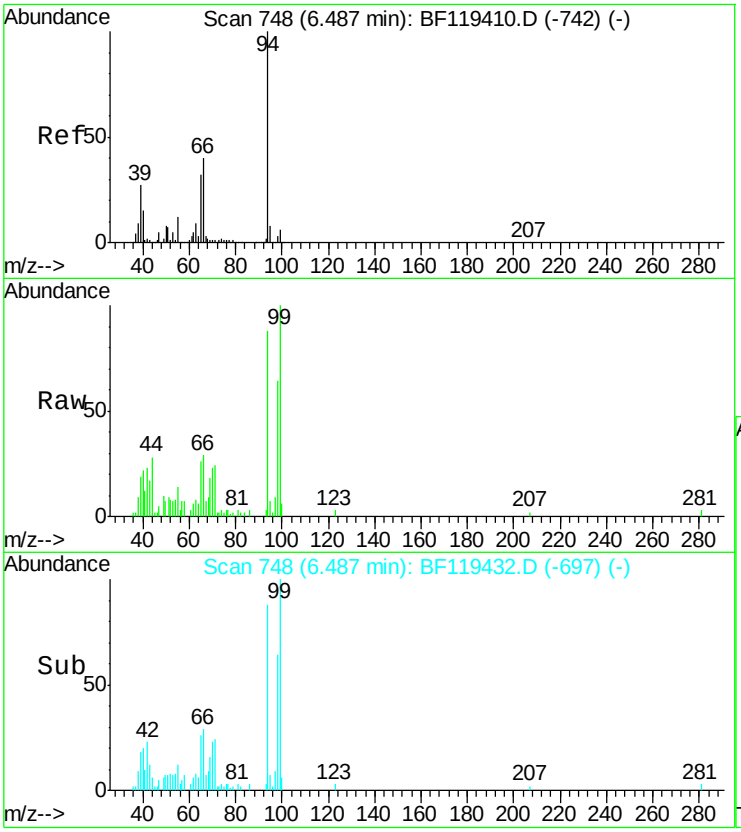


#9
Benzaldehyde
Concen: 0.03 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion: 77 Resp: 593

Ion	Ratio	Lower	Upper
77	100		
105	134.8	78.6	118.6#
106	133.8	76.5	116.5#



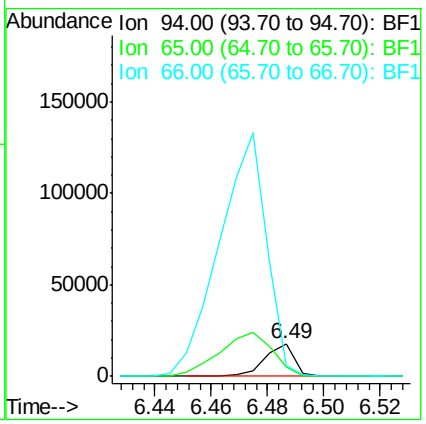


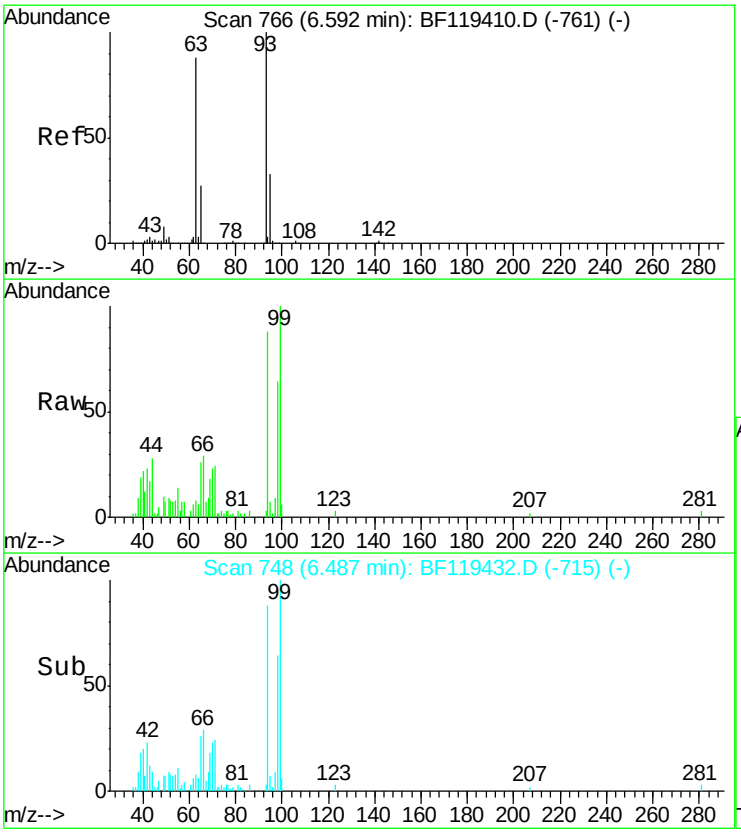
#10
Phenol
Concen: 0.41 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion: 94 Resp: 13117

Ion	Ratio	Lower	Upper
94	100		
65	29.3	12.0	52.0
66	33.2	20.6	60.6

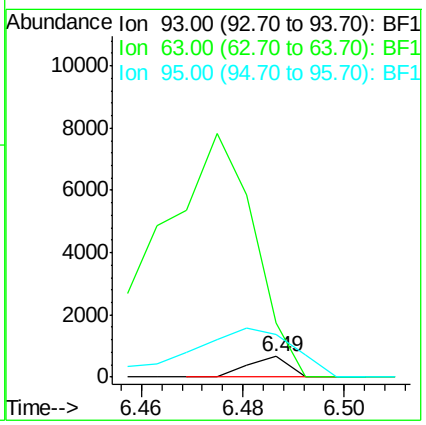


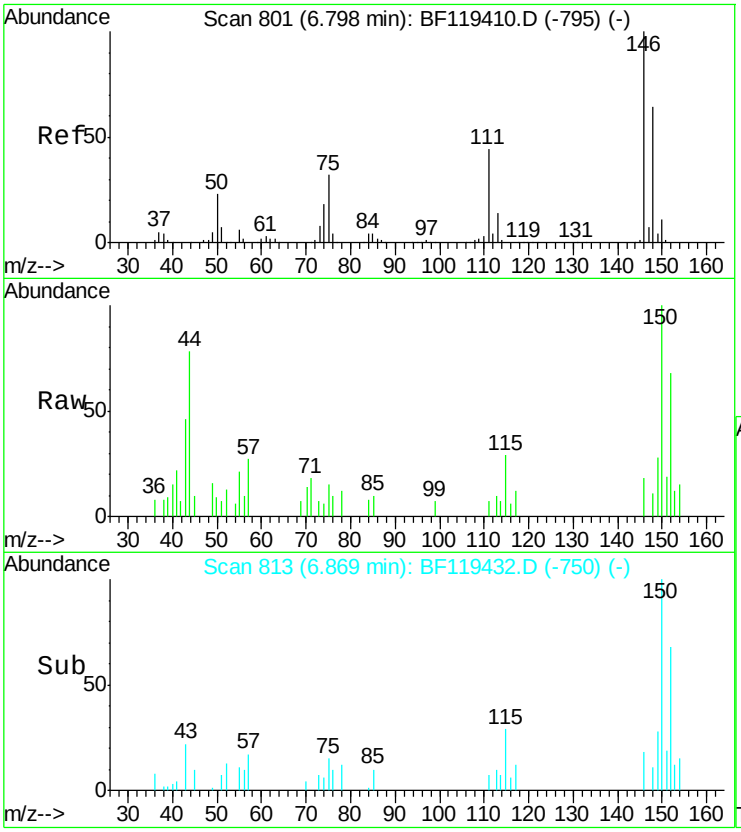


#11
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.11 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion: 93 Resp: 362

Ion	Ratio	Lower	Upper
93	100		
63	262.8	68.4	108.4#
95	210.5	13.4	53.4#



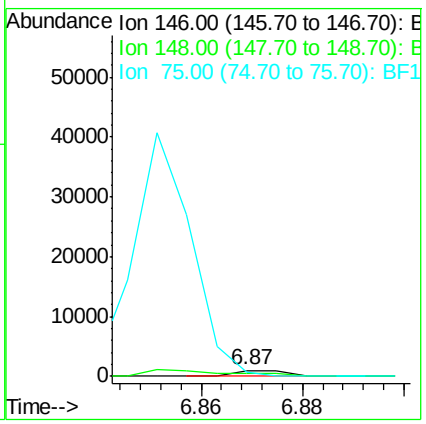


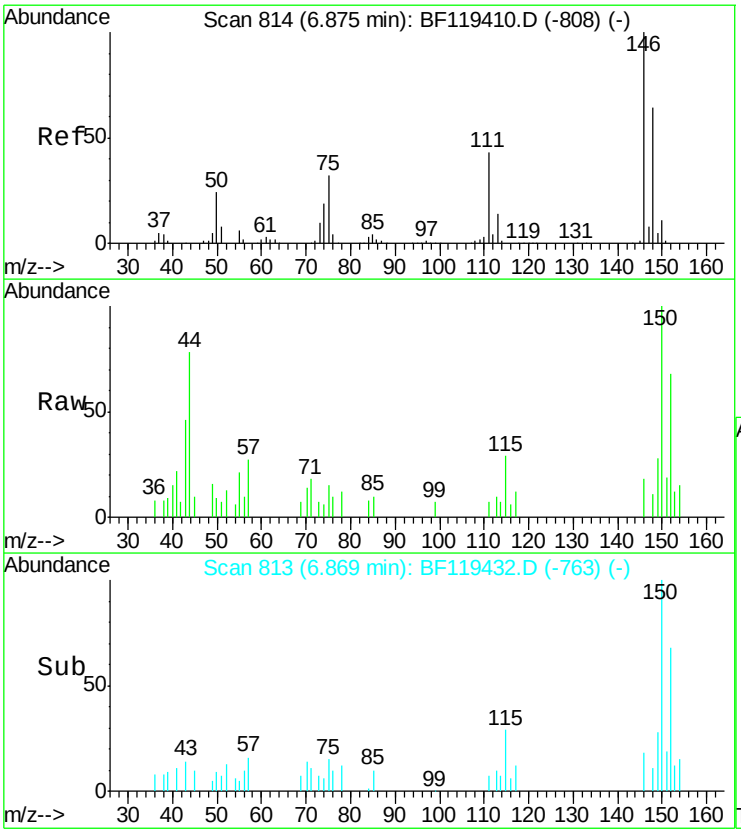
#12
1,3-Dichlorobenzene
Concen: 0.02 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.07 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:146 Resp: 620

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	84.1	25.8	38.8#

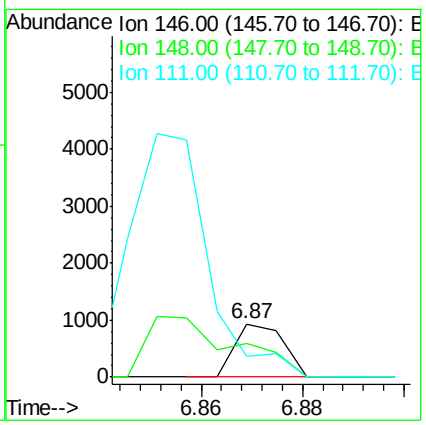


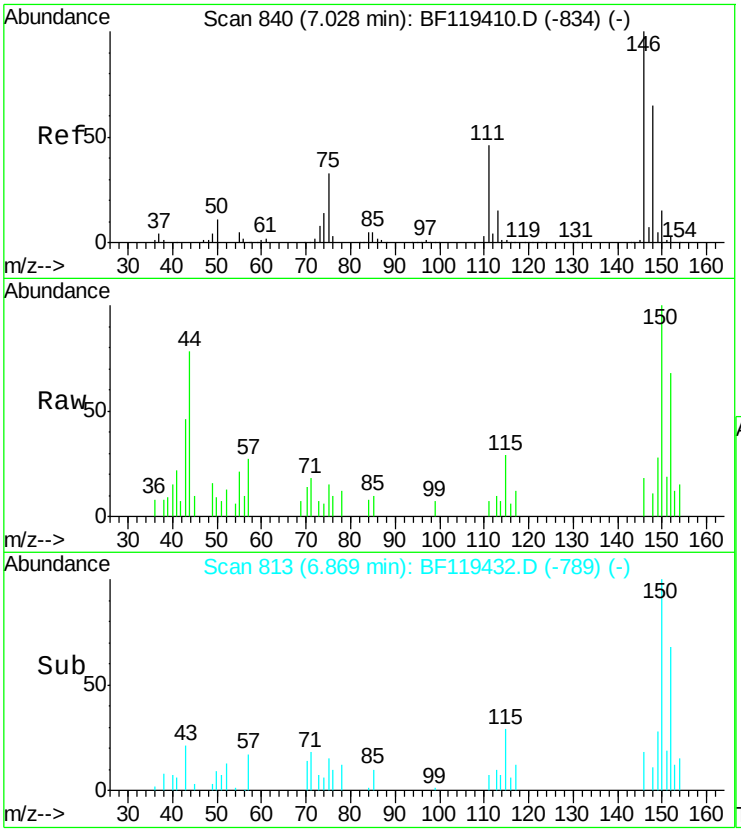


#13
1,4-Dichlorobenzene
Concen: 0.02 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:146 Resp: 620

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
111	40.1	34.6	52.0



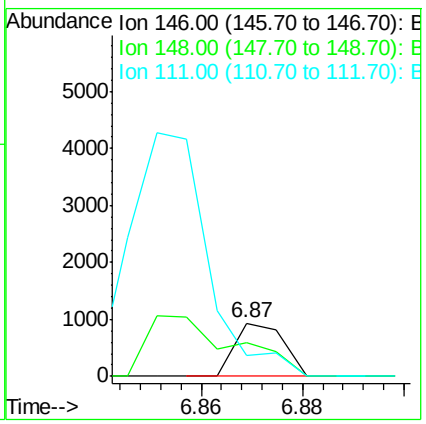


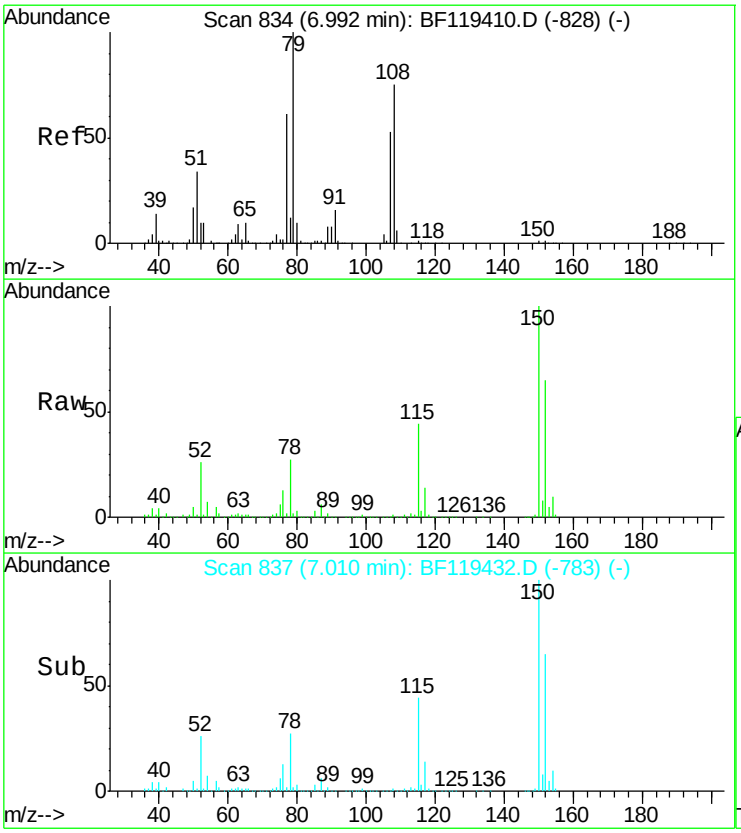
#14
1,2-Dichlorobenzene
Concen: 0.02 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.16 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:146 Resp: 620

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
111	40.1	36.4	54.6

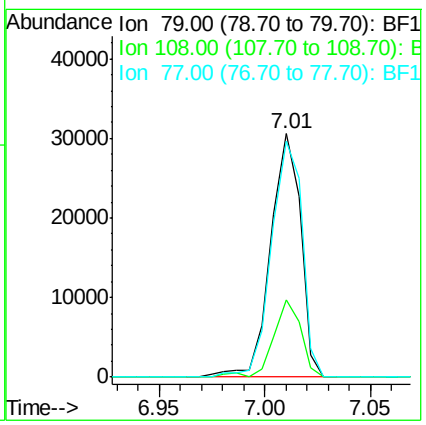


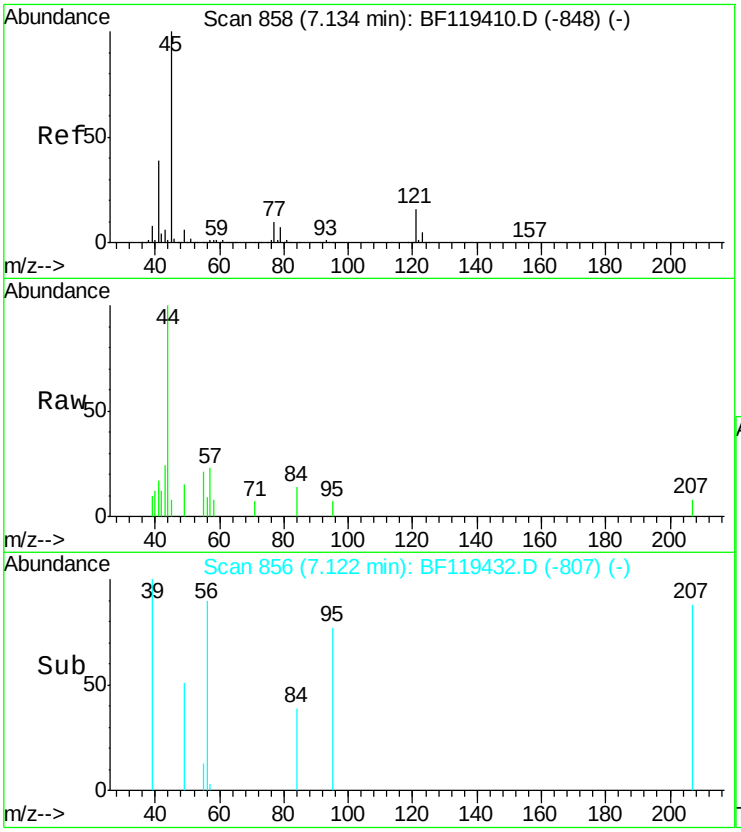


#15
Benzyl Alcohol
Concen: 1.34 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.02 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion: 79 Resp: 30228

Ion	Ratio	Lower	Upper
79	100		
108	31.8	60.4	90.6#
77	97.0	49.0	73.4#



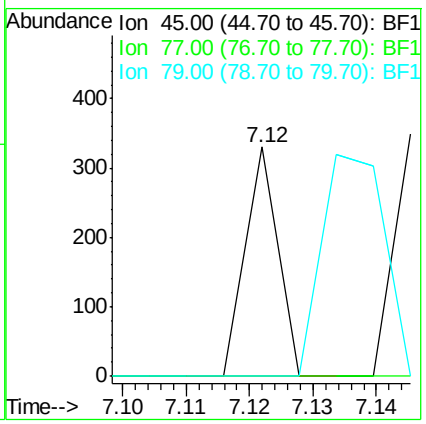


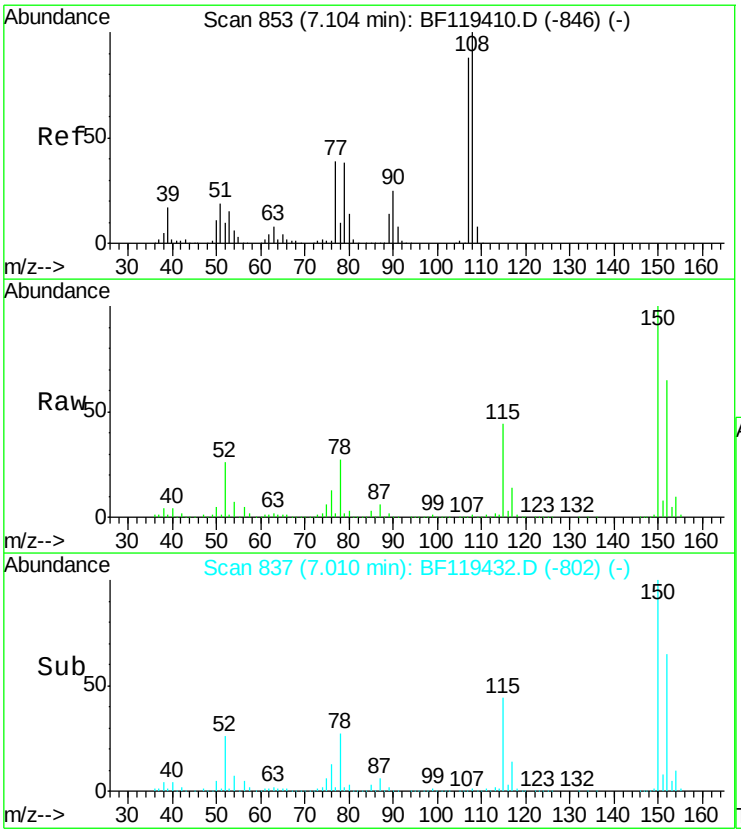
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.00 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion: 45 Resp: 116

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

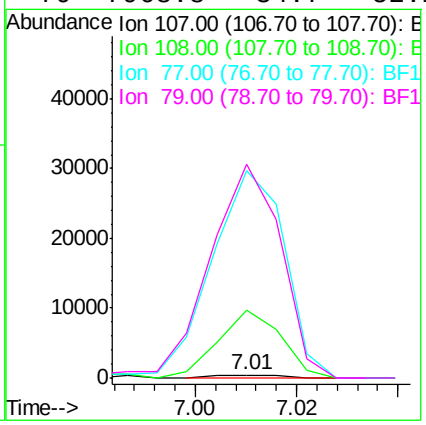


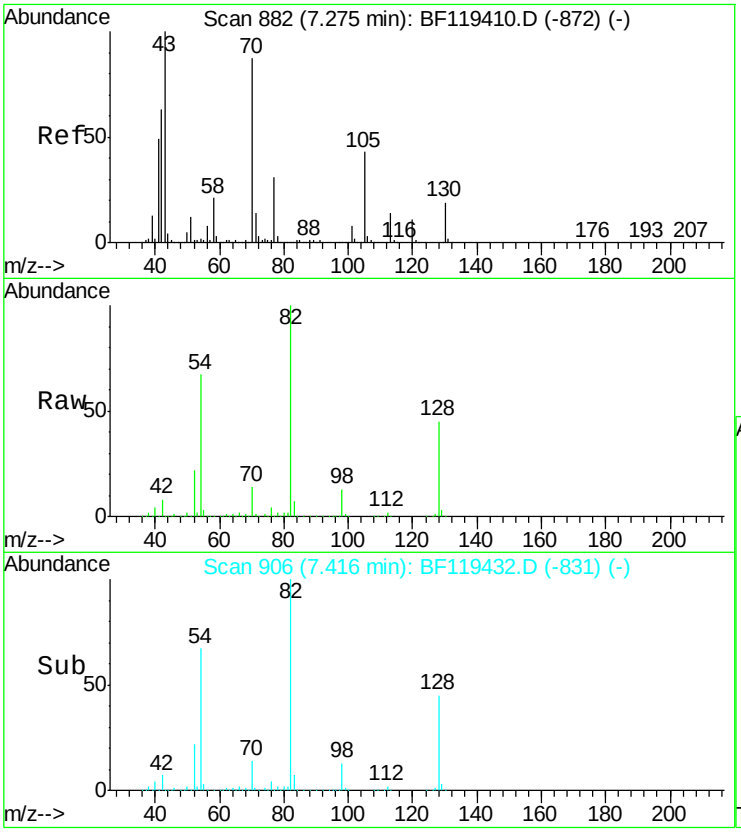


#17
2-Methylphenol
Concen: 0.02 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.09 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:107 Resp: 387

Ion	Ratio	Lower	Upper
107	100		
108	2537.8	90.7	136.1#
77	7733.3	35.6	53.4#
79	7968.8	34.7	52.1#



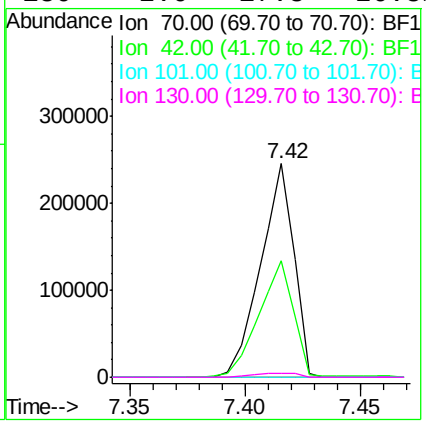


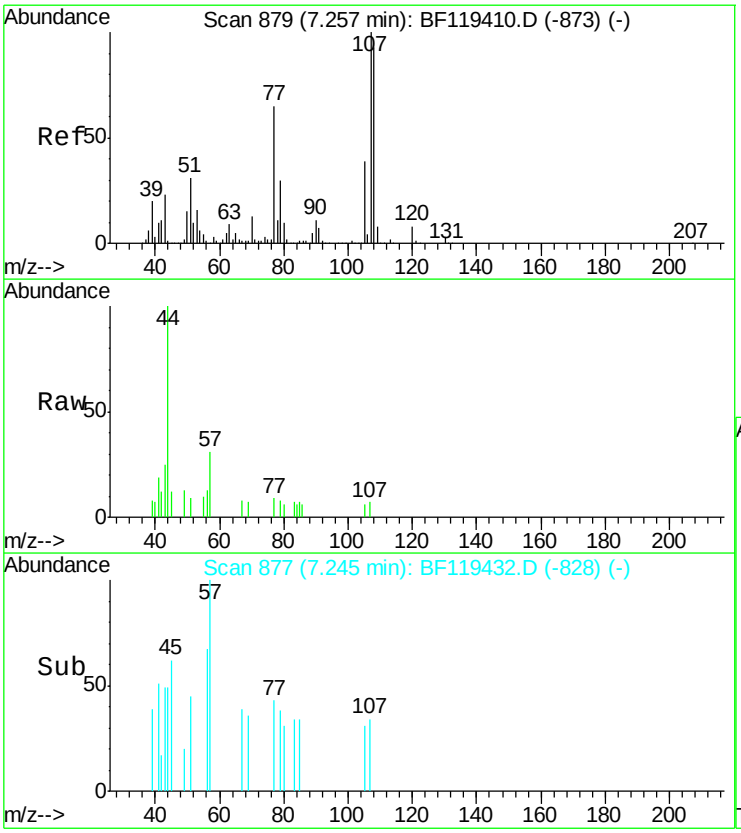
#19
n-Nitroso-di-n-propylamine
Concen: 13.65 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion: 70 Resp: 245835

Ion	Ratio	Lower	Upper
70	100		
42	54.8	58.2	87.4#
101	0.0	7.4	11.2#
130	2.0	17.8	26.8#

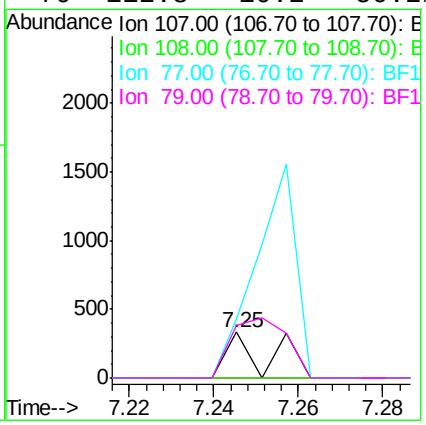


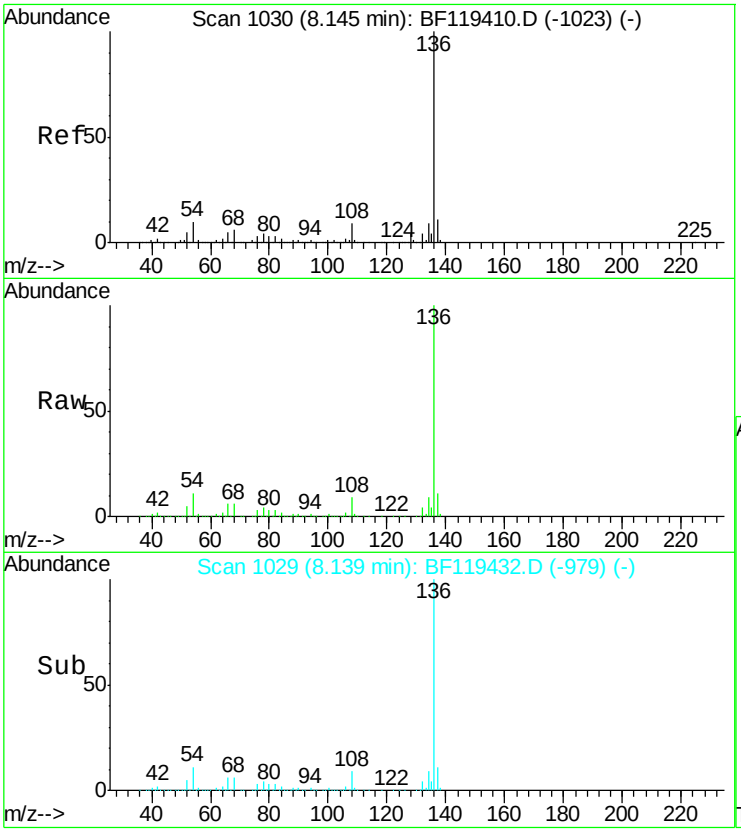


#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:107 Resp: 235

Ion	Ratio	Lower	Upper
107	100		
108	0.0	72.6	112.6#
77	128.4	44.7	84.7#
79	112.8	10.2	50.2#



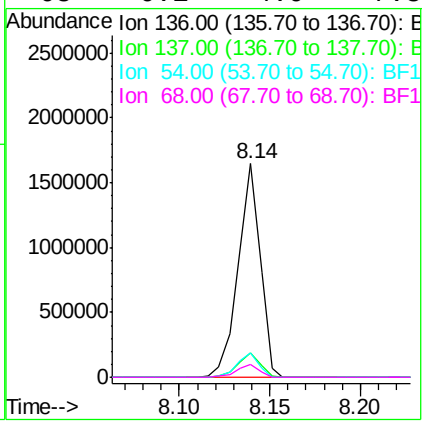


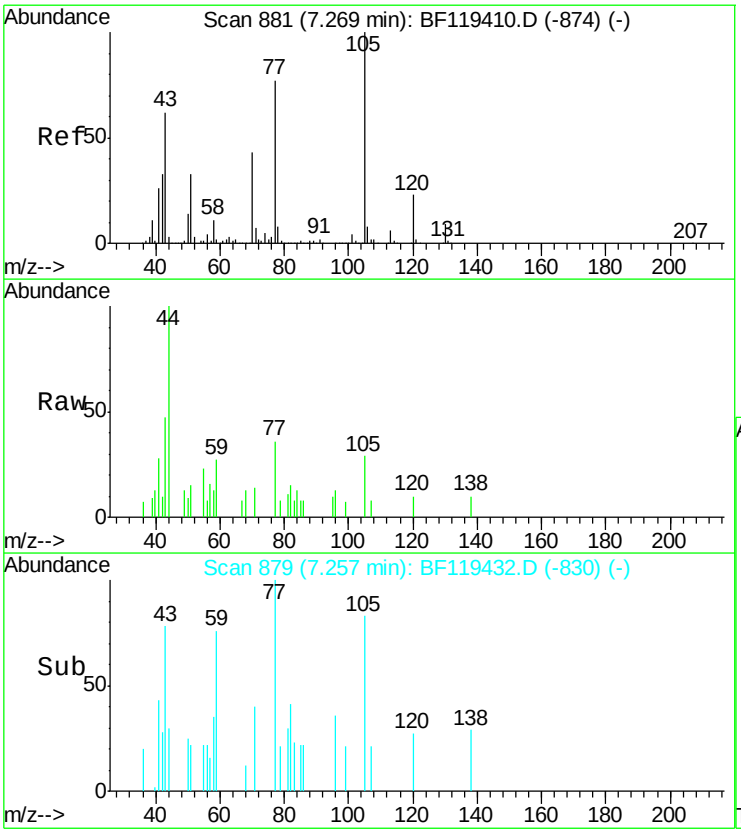
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:136 Resp: 1392980

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	11.3	8.3	12.5
68	6.1	4.9	7.3

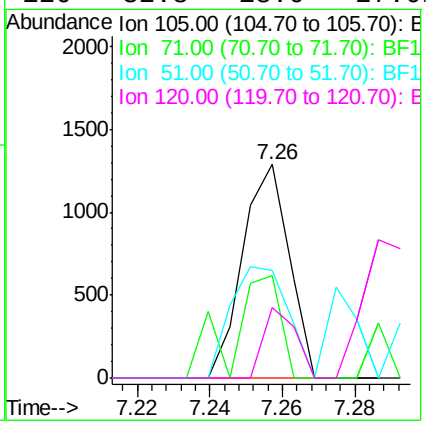


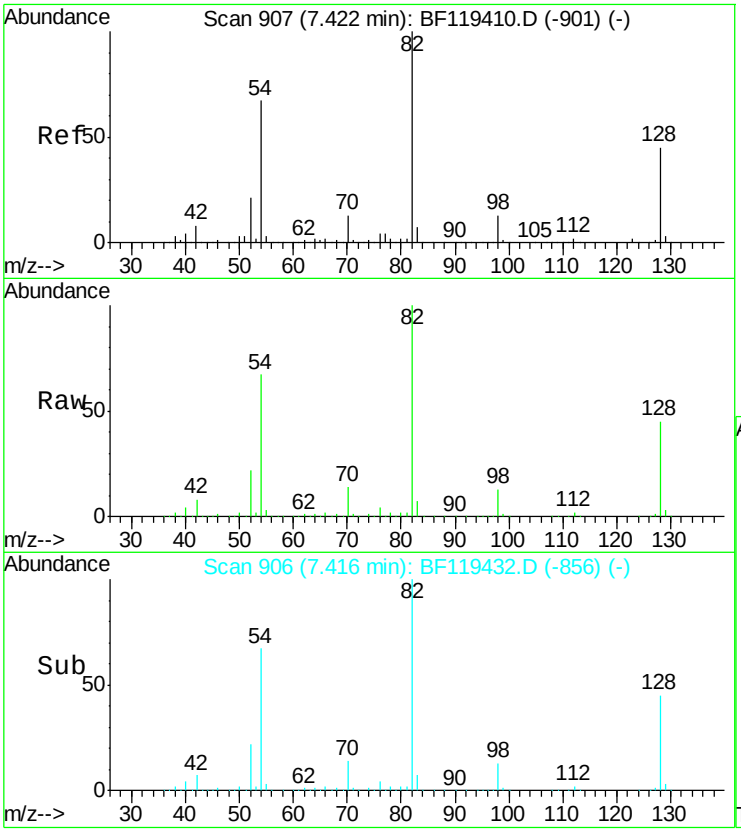


#22
Acetophenone
Concen: 0.03 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:105 Resp: 1142

Ion	Ratio	Lower	Upper
105	100		
71	48.1	5.8	8.6#
51	50.4	26.8	40.2#
120	32.8	18.0	27.0#



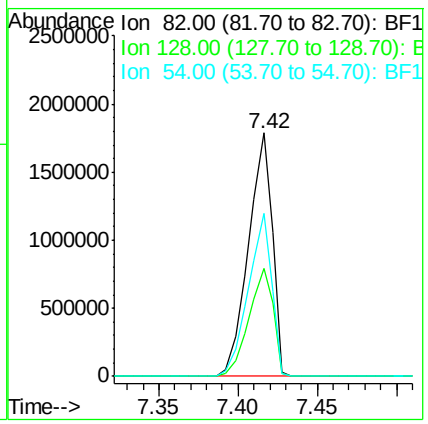


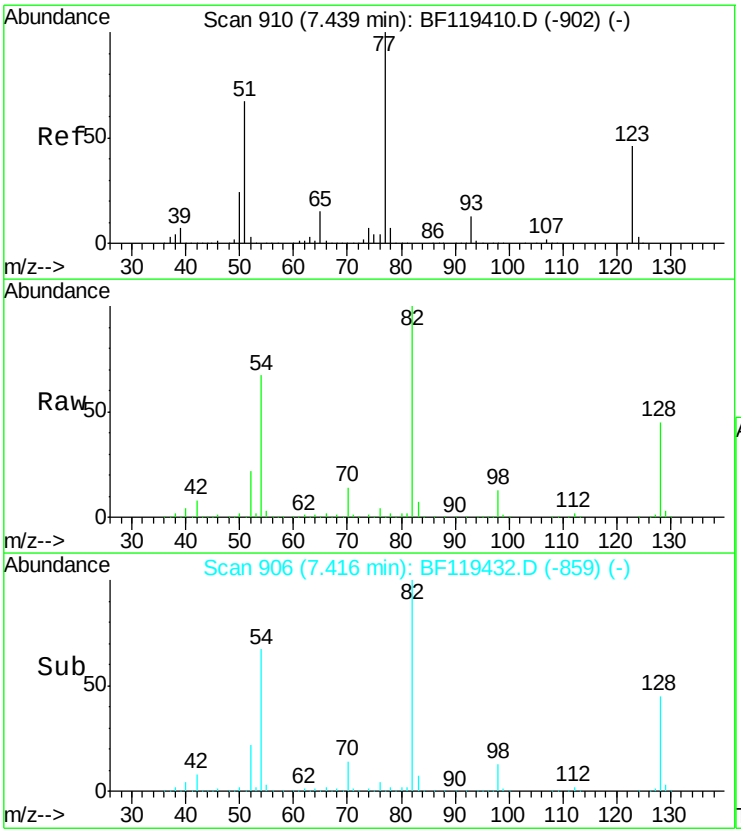
#23
Nitrobenzene-d5
Concen: 72.55 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion: 82 Resp: 1859441

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.8	53.8
54	66.7	53.4	80.0

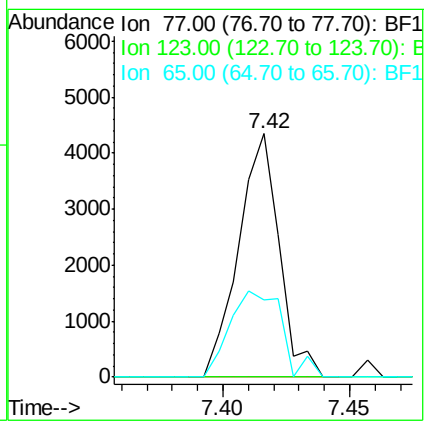


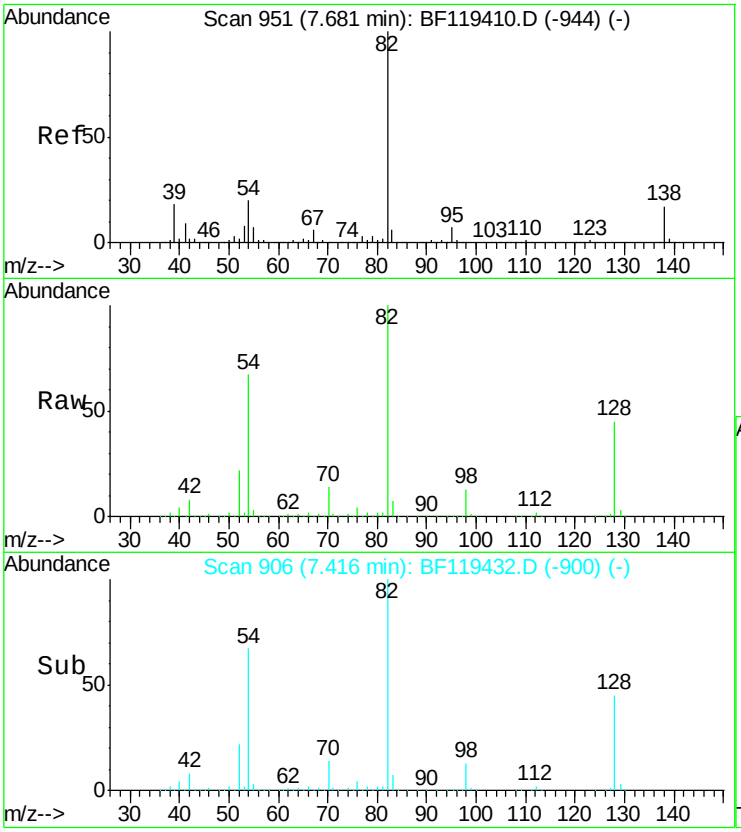


#24
Nitrobenzene
Concen: 0.18 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion: 77 Resp: 4854

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.9	55.3#
65	31.9	12.2	18.4#



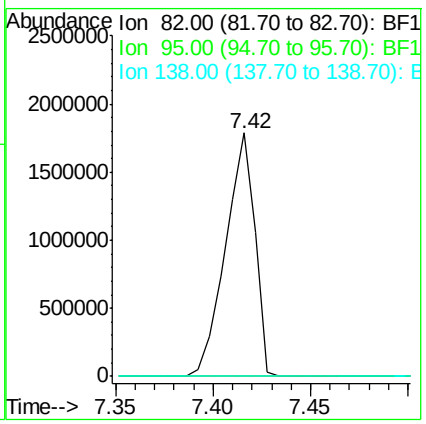


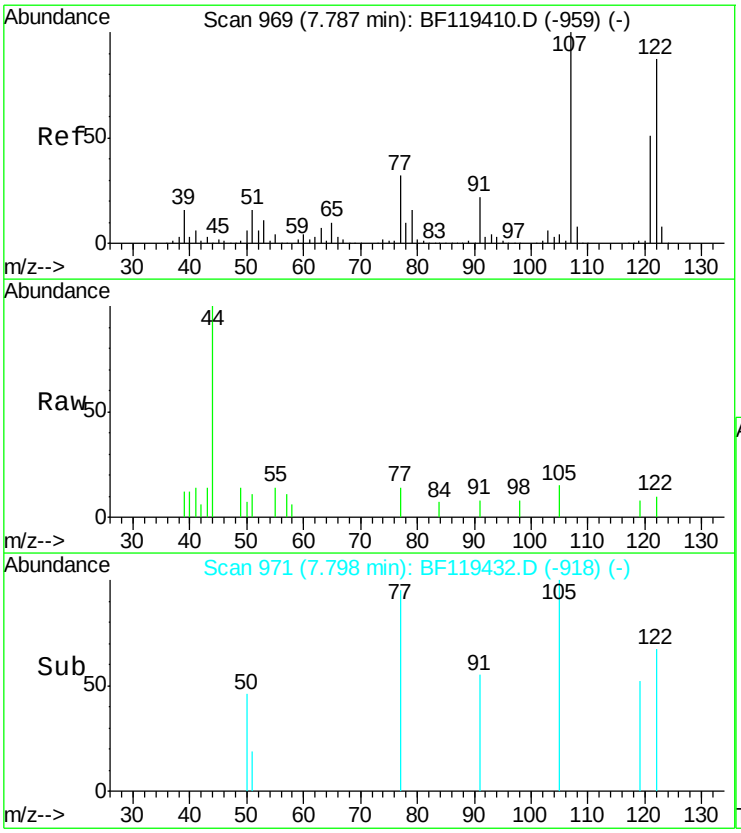
#25
Isophorone
Concen: 35.73 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion: 82 Resp: 1857885

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

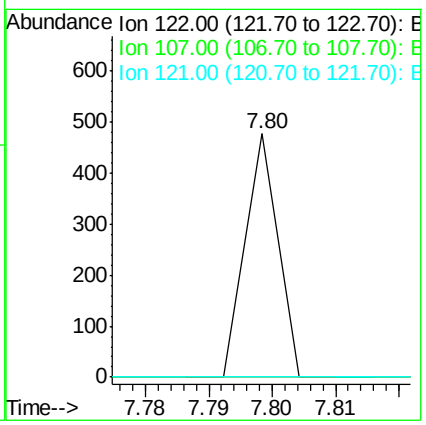


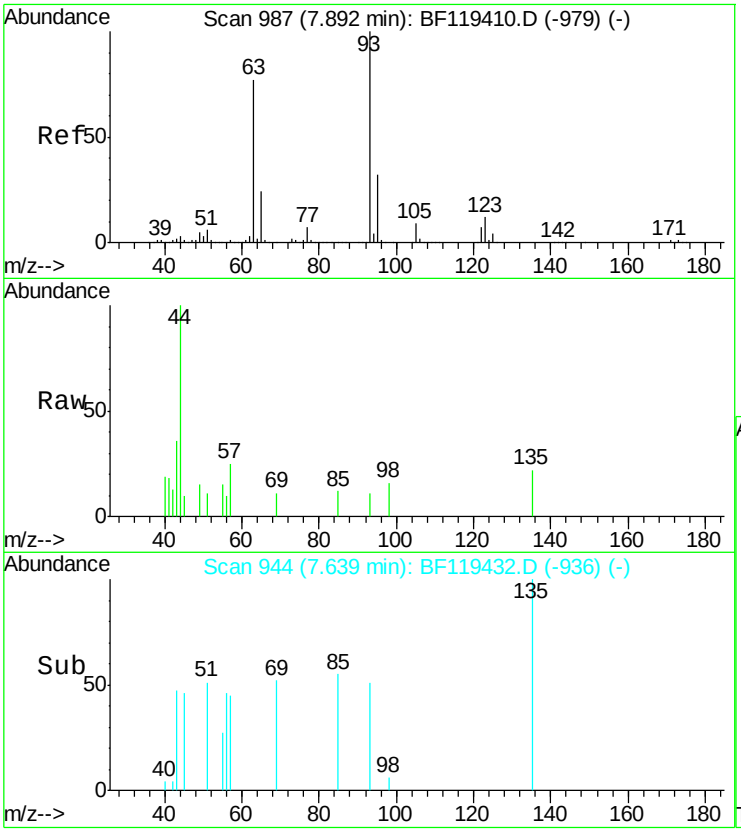


#27
2,4-Dimethylphenol
Concen: 0.01 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:122 Resp: 168

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



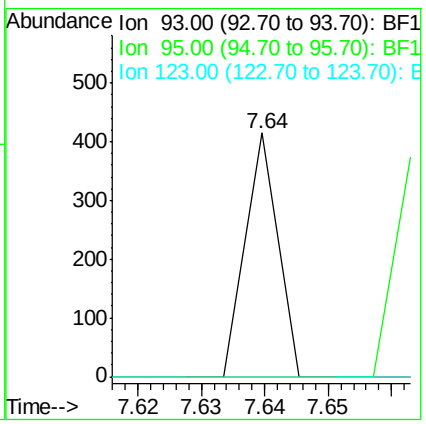


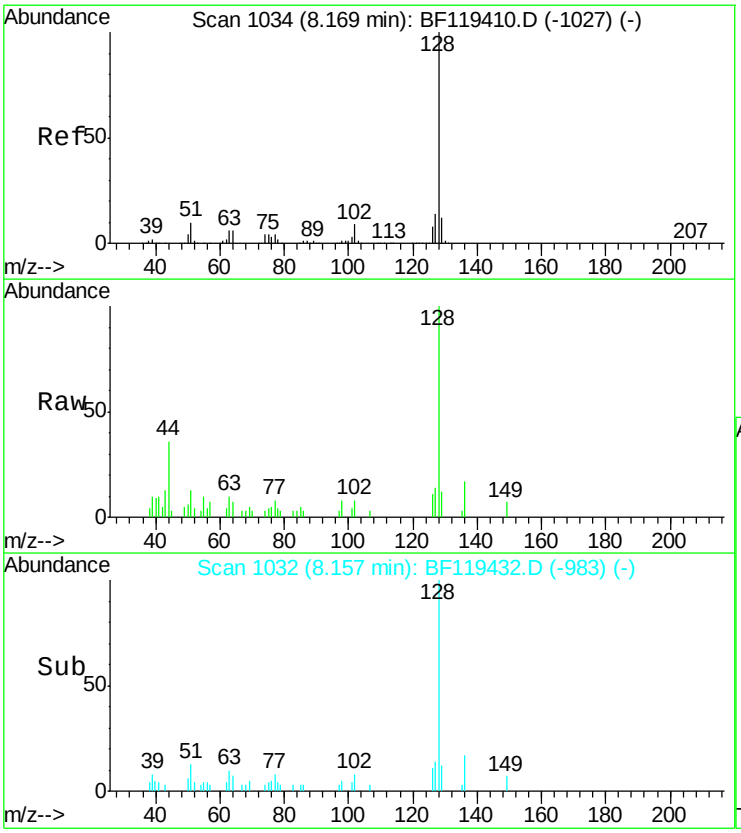
#28
bis(2-Chloroethoxy)methane
Concen: 0.00 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.25 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion: 93 Resp: 146

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

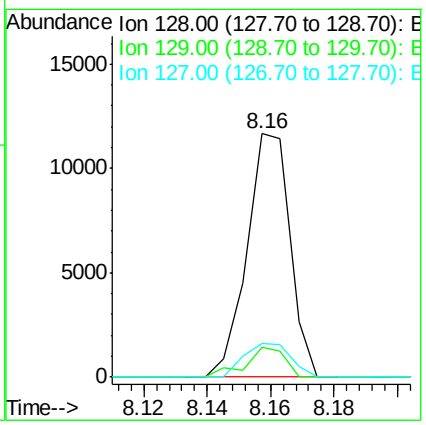


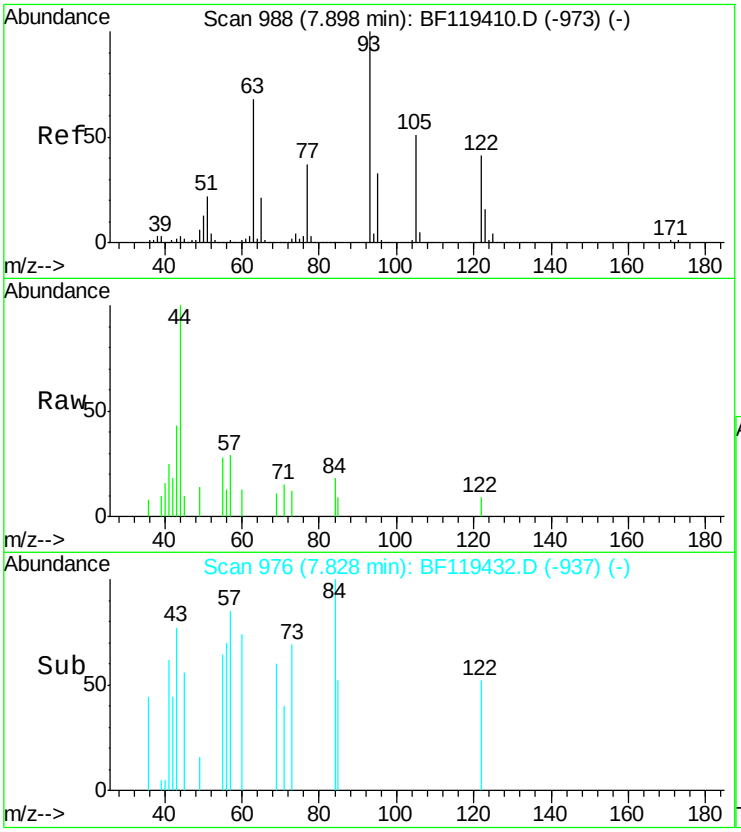


#31
Naphthalene
Concen: 0.15 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:128 Resp: 11015

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	13.9	11.0	16.4



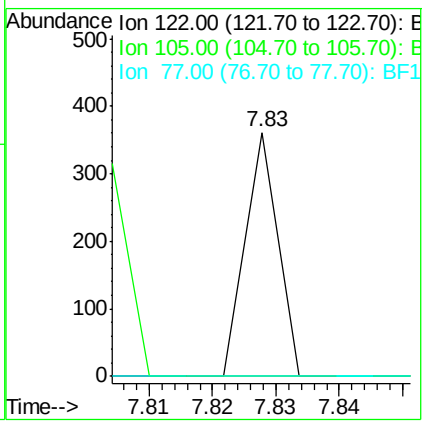


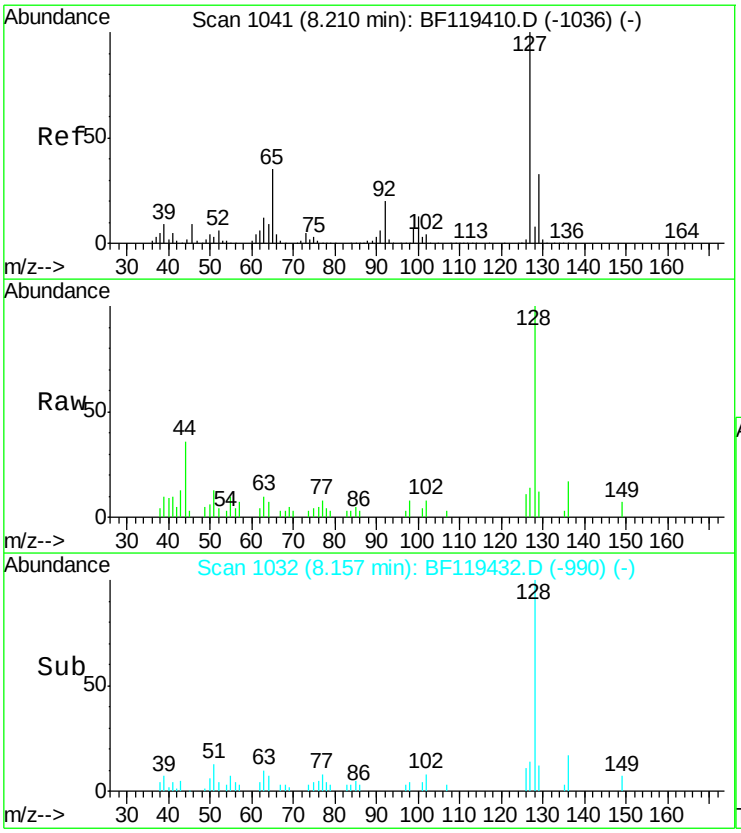
#32
Benzoic acid
Concen: 0.01 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.07 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:122 Resp: 127

Ion	Ratio	Lower	Upper
122	100		
105	0.0	102.9	142.9#
77	0.0	70.1	110.1#

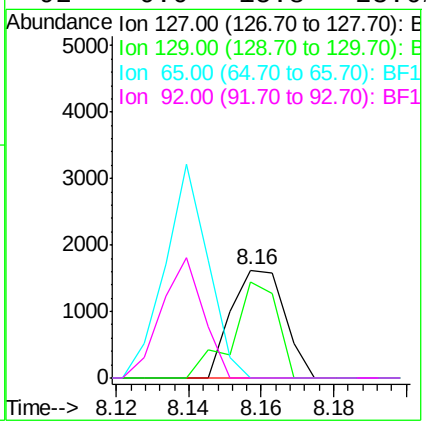


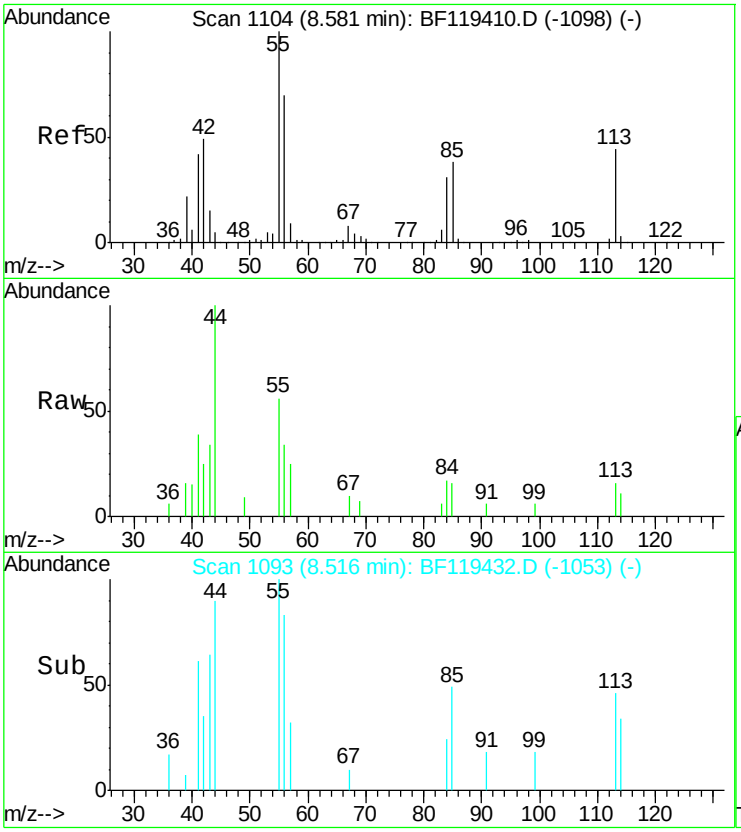


#33
4-Chloroaniline
Concen: 0.05 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:127 Resp: 1668

Ion	Ratio	Lower	Upper
127	100		
129	88.7	26.2	39.4#
65	0.0	27.7	41.5#
92	0.0	15.8	23.6#



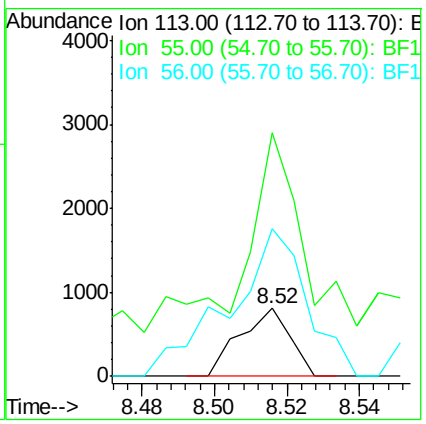


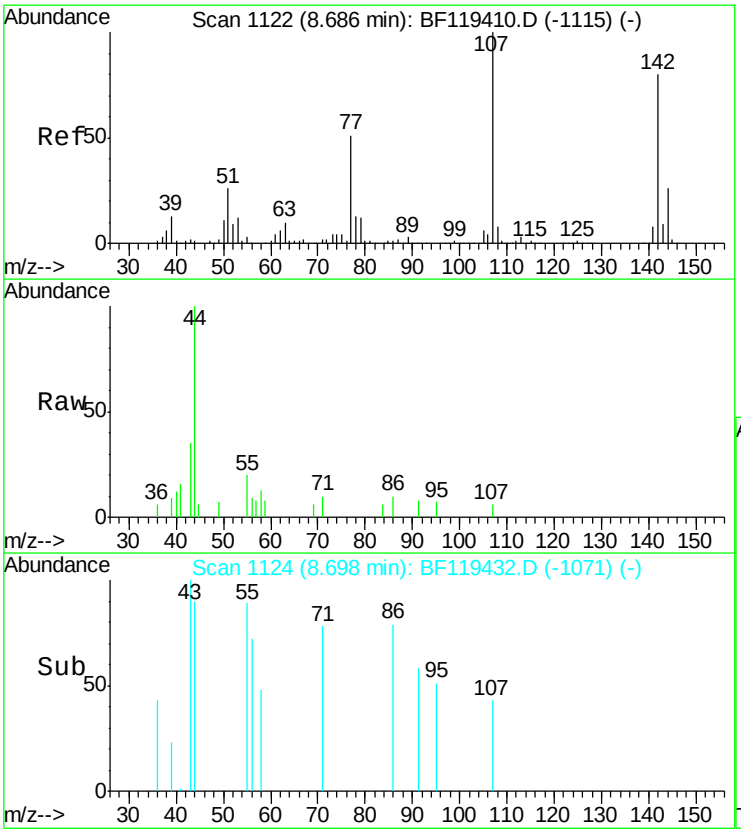
#35
Caprolactam
Concen: 0.12 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.06 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:113 Resp: 775

Ion	Ratio	Lower	Upper
113	100		
55	357.0	208.4	248.4#
56	216.7	138.9	178.9#

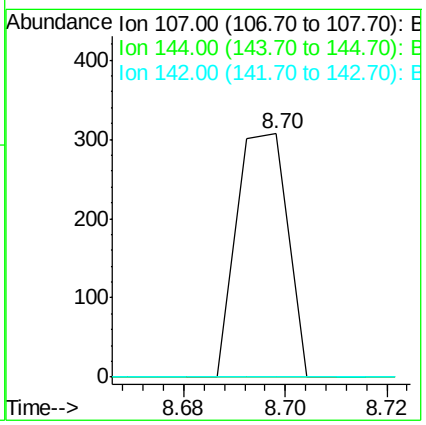


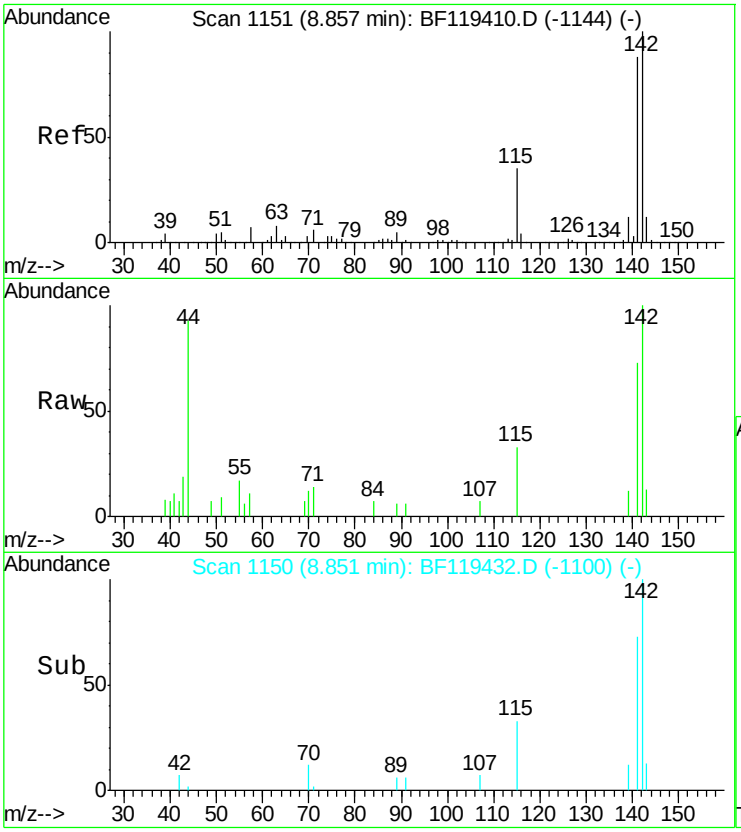


#36
4-Chloro-3-methylphenol
Concen: 0.01 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:107 Resp: 215

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



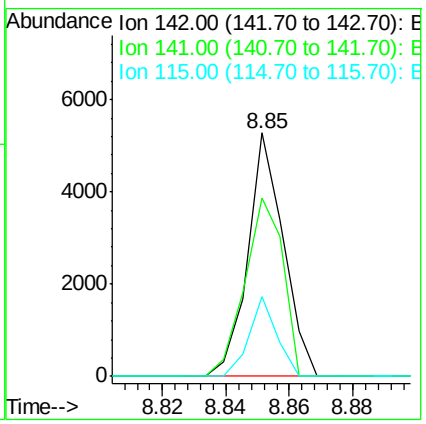


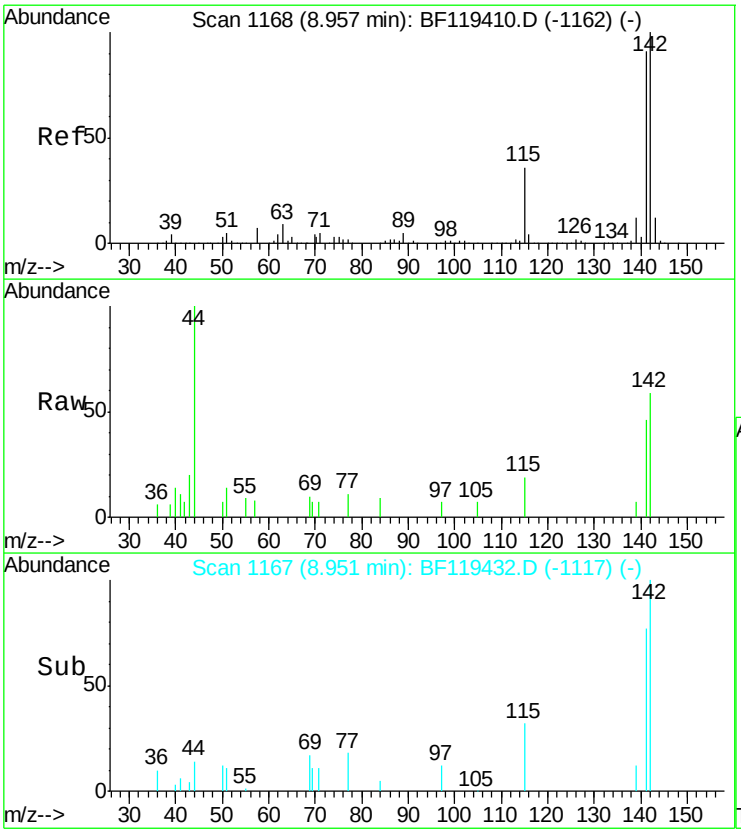
#37
2-Methylnaphthalene
Concen: 0.09 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:142 Resp: 4122

Ion	Ratio	Lower	Upper
142	100		
141	73.3	70.4	105.6
115	33.0	27.8	41.6

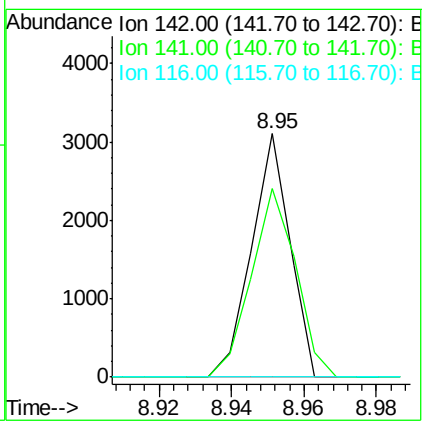


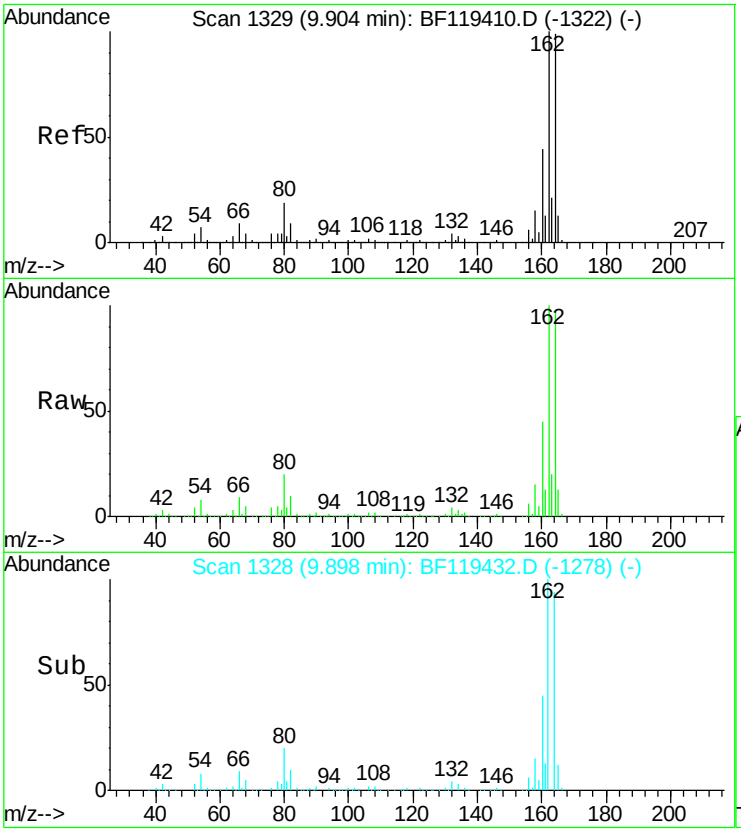


#38
1-Methylnaphthalene
Concen: 0.05 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:142 Resp: 2269

Ion	Ratio	Lower	Upper
142	100		
141	77.3	73.1	109.7
116	0.0	3.0	4.6#



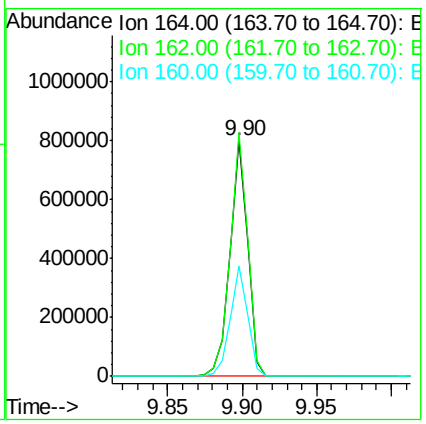


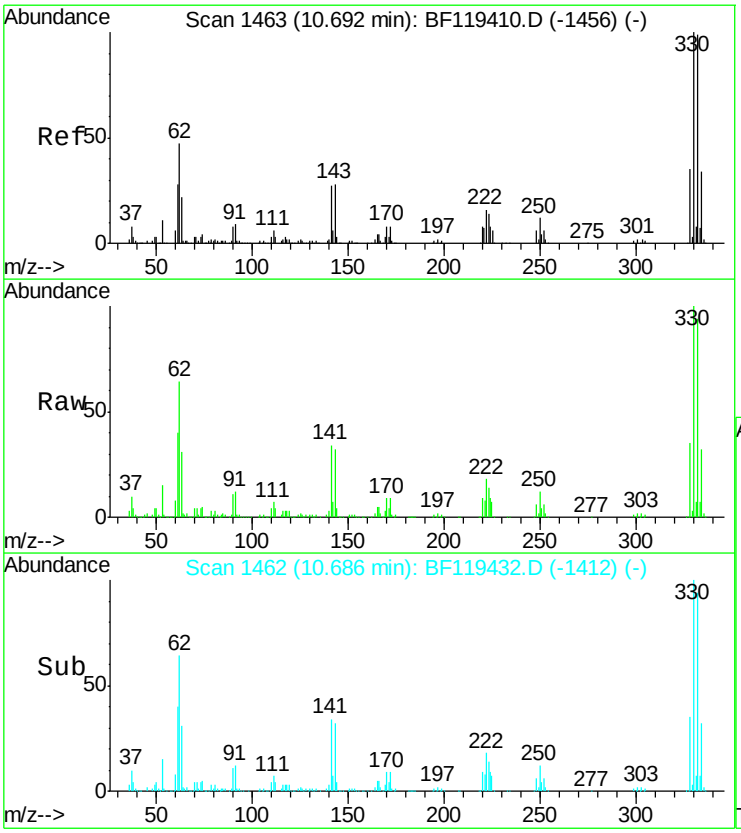
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:164 Resp: 681406

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.7	121.1
160	46.8	35.5	53.3

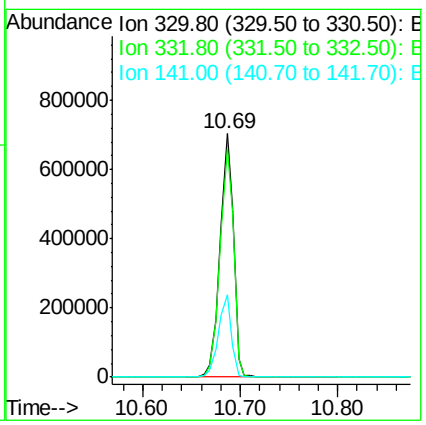


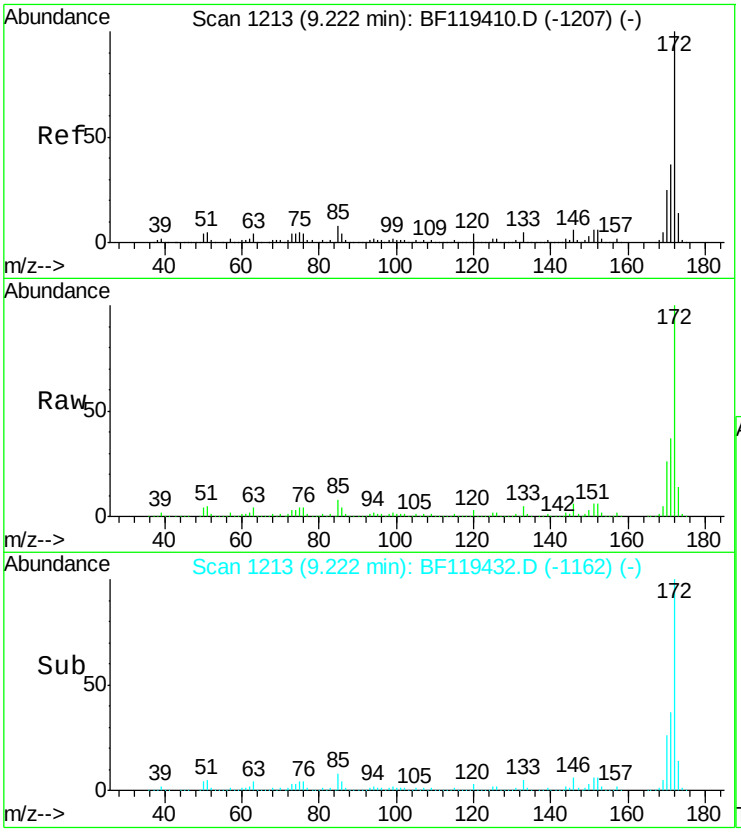


#42
2,4,6-Tribromophenol
Concen: 96.20 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:330 Resp: 676287

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	32.6	26.6	40.0



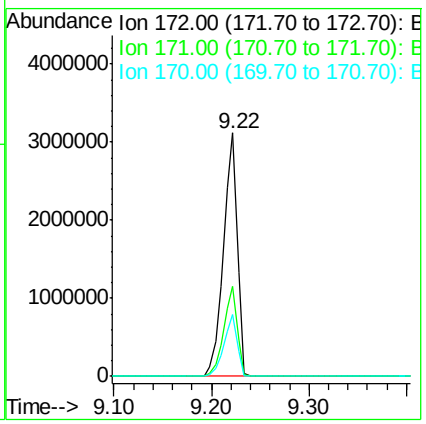


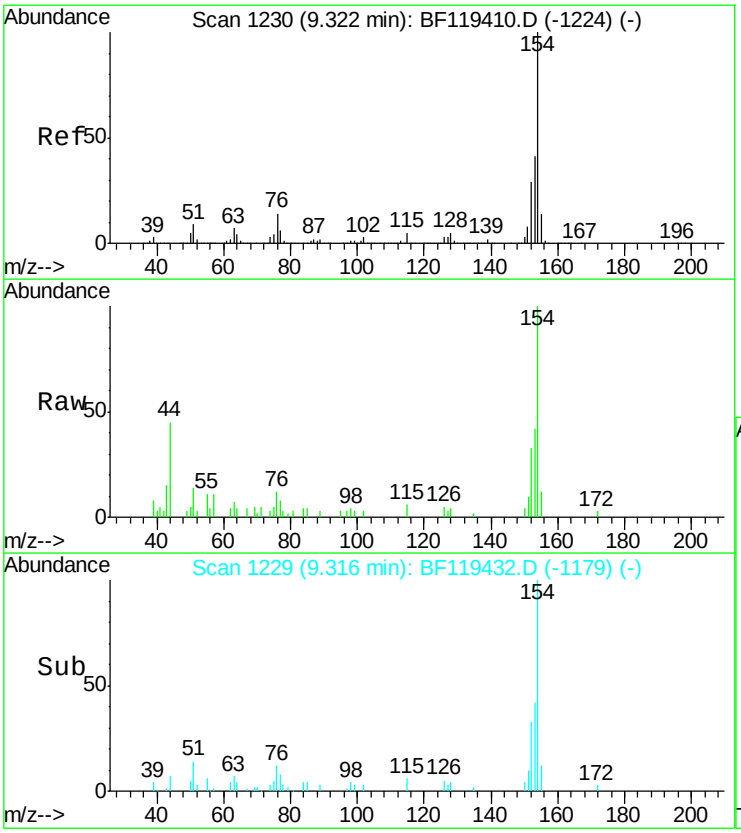
#45
2-Fluorobiphenyl
Concen: 66.49 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:172 Resp: 3058023

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	25.5	20.1	30.1

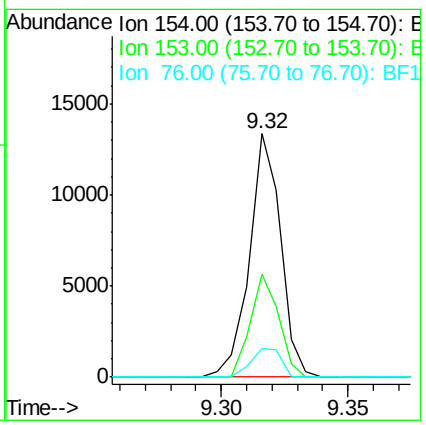


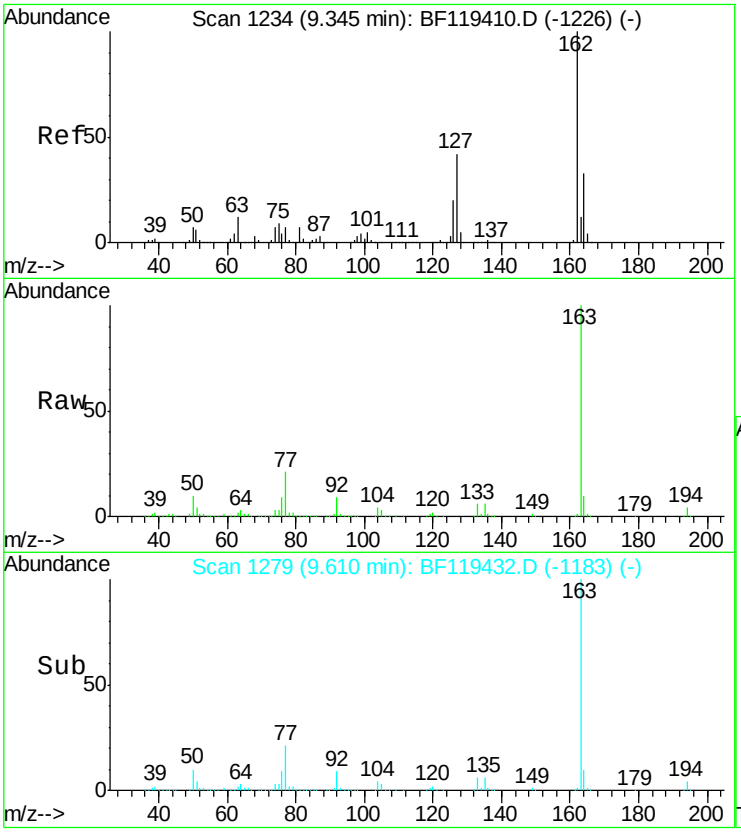


#46
1,1'-Biphenyl
Concen: 0.21 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:154 Resp: 11486

Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	11.9	0.0	33.6



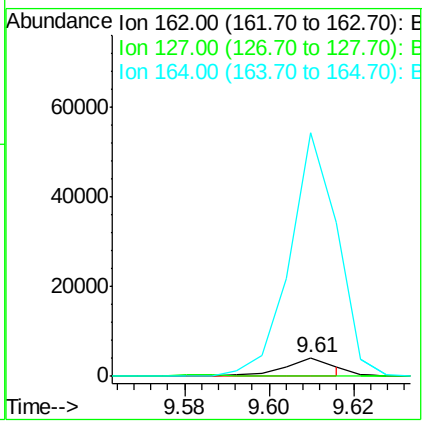


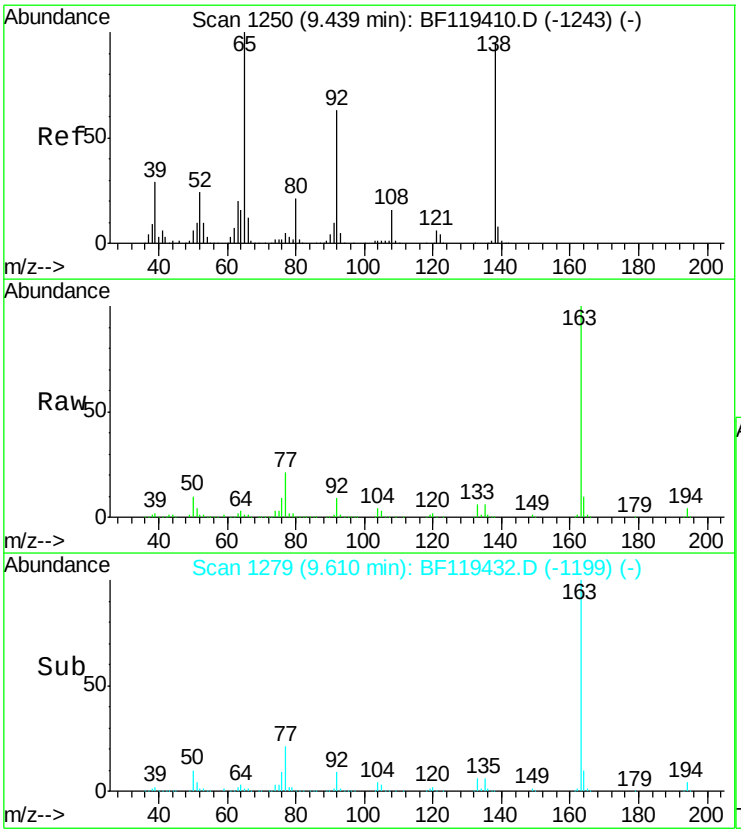
#47
2-Chloronaphthalene
Concen: 0.07 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.26 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:162 Resp: 3192

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.7	50.5#
164	1298.2	26.2	39.4#

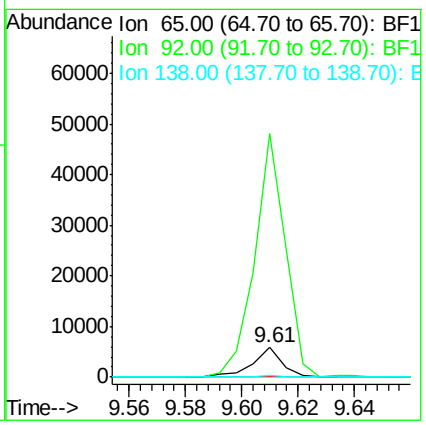


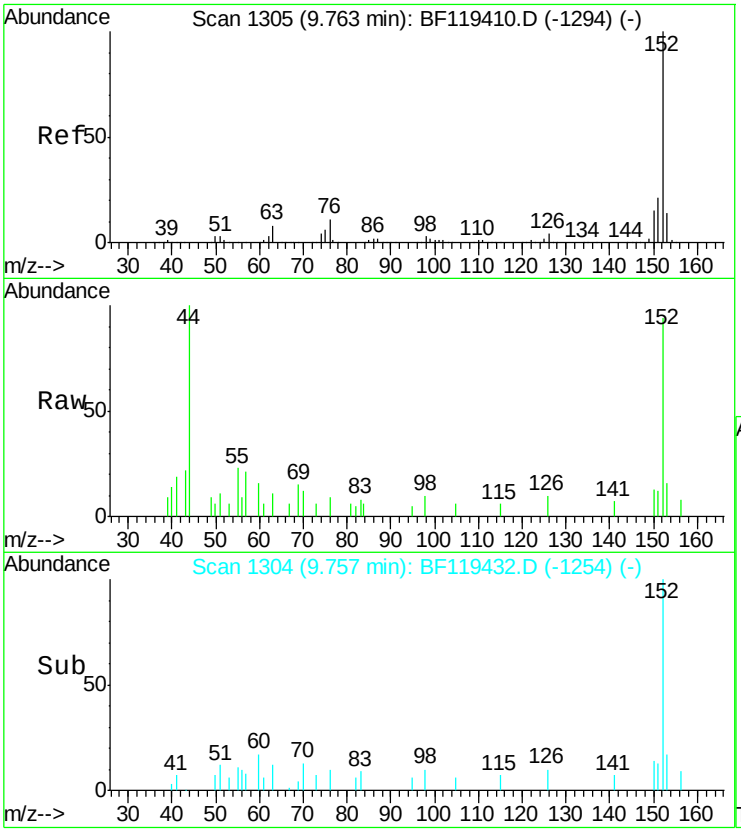


#48
2-Nitroaniline
Concen: 0.29 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.17 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion: 65 Resp: 4325

Ion	Ratio	Lower	Upper
65	100		
92	817.0	50.5	75.7#
138	5.6	75.8	113.8#



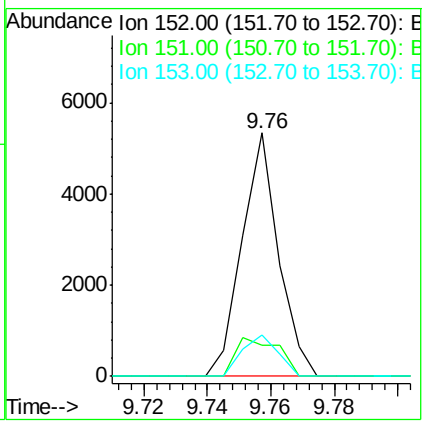


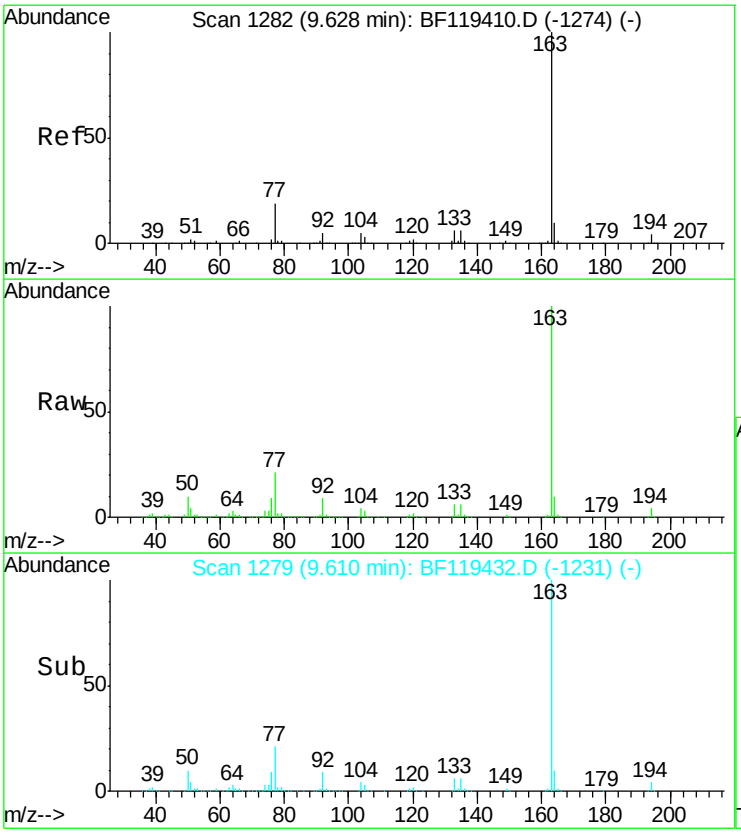
#49
Acenaphthylene
Concen: 0.06 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:152 Resp: 4262

Ion	Ratio	Lower	Upper
152	100		
151	12.7	16.8	25.2#
153	16.7	11.2	16.8

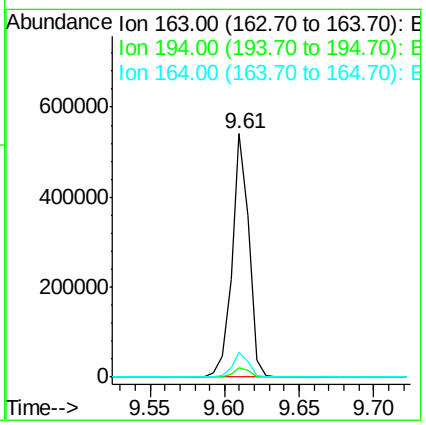


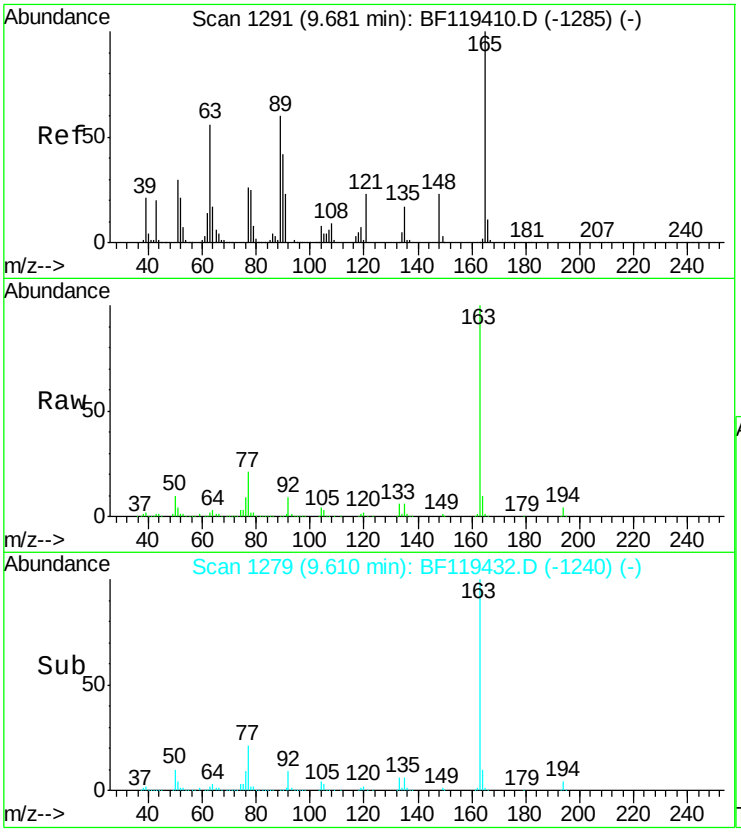


#50
Dimethylphthalate
Concen: 8.90 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:163 Resp: 430689

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	8.1	12.1



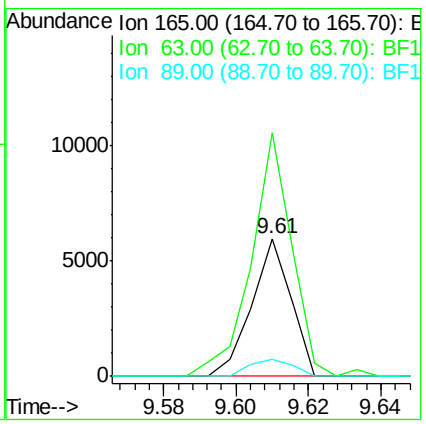


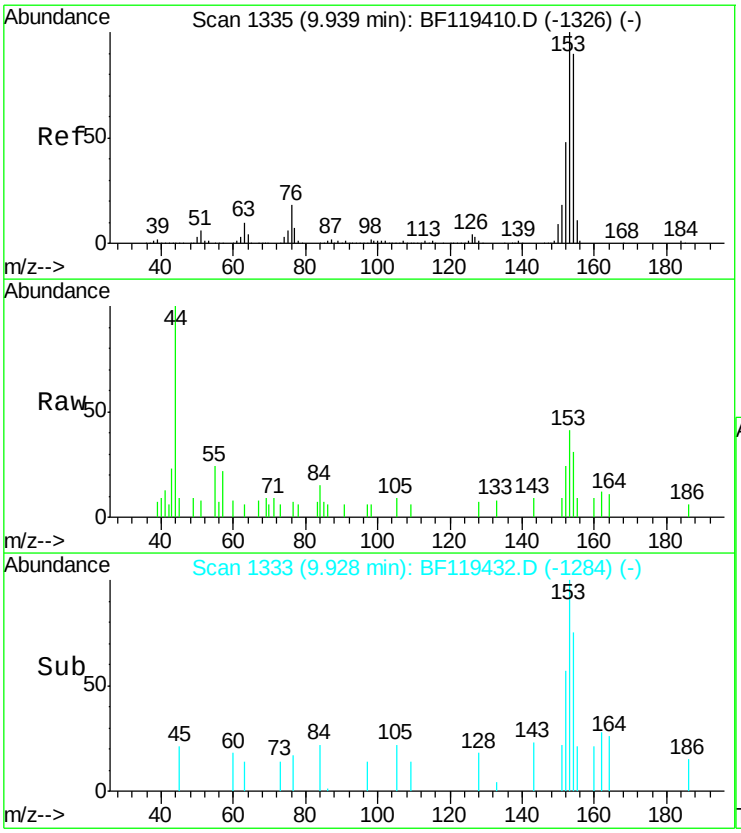
#51
2,6-Dinitrotoluene
Concen: 0.43 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:165 Resp: 4464

Ion	Ratio	Lower	Upper
165	100		
63	176.6	57.3	85.9#
89	12.5	47.8	71.8#

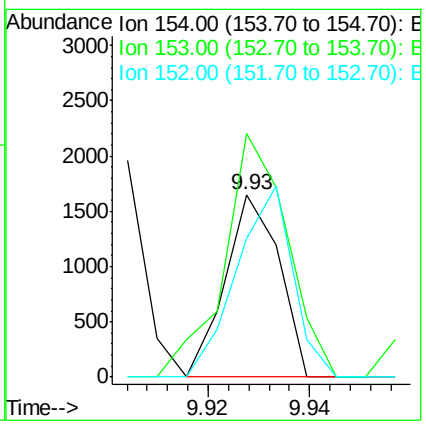


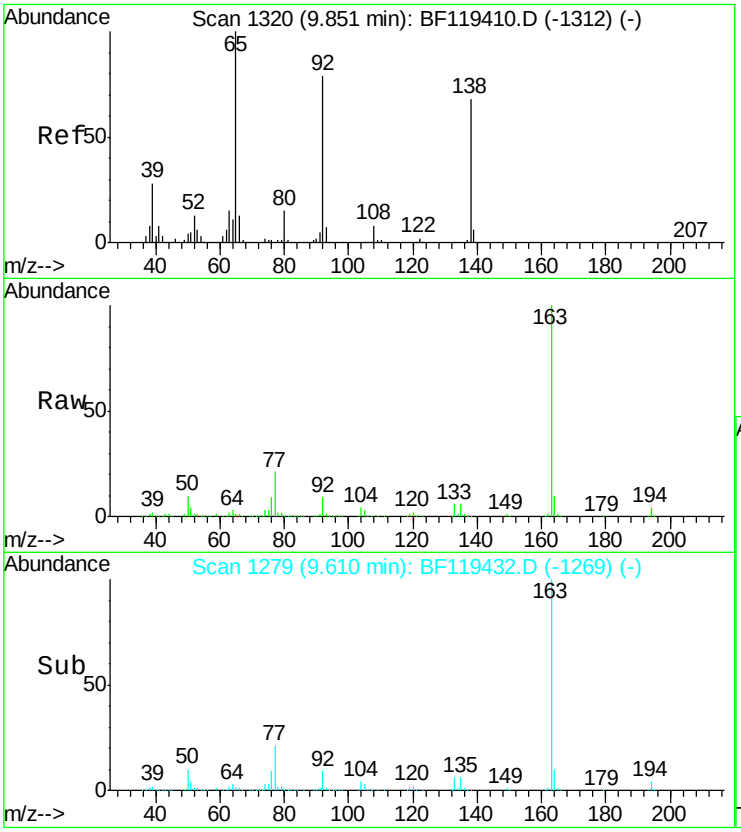


#52
Acenaphthene
Concen: 0.03 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:154 Resp: 1211

Ion	Ratio	Lower	Upper
154	100		
153	133.5	89.0	133.6
152	76.3	43.1	64.7#



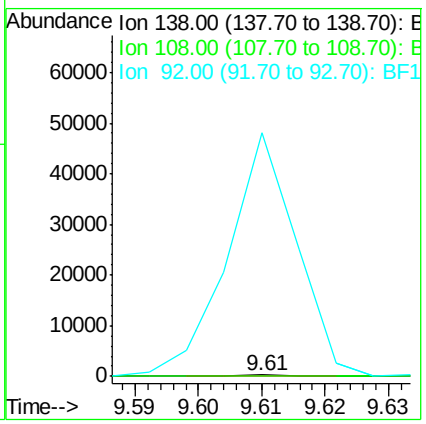


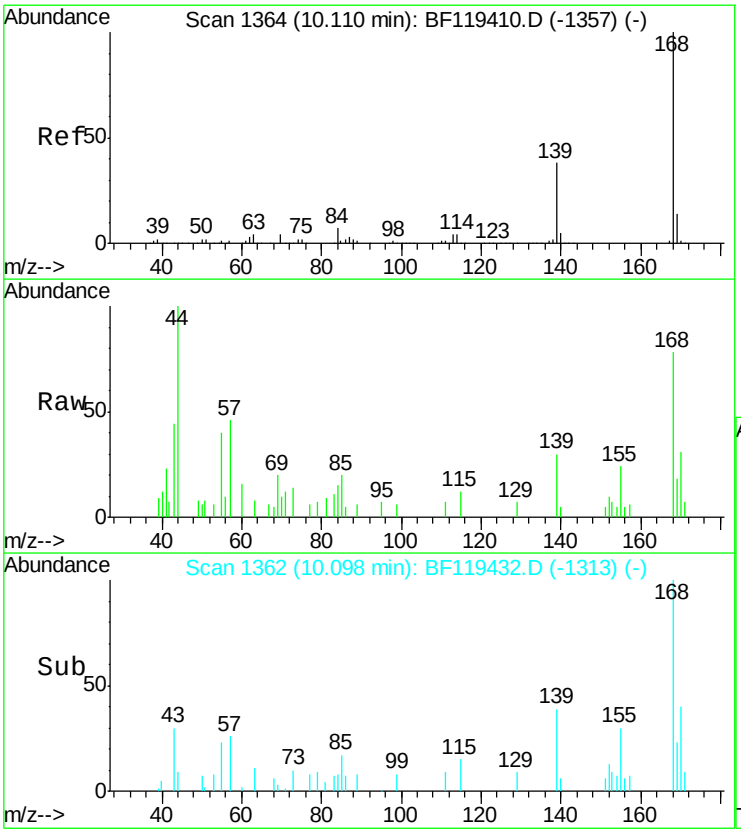
#53
3-Nitroaniline
Concen: 0.01 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.24 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:138 Resp: 115

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.0	13.6#
92	14705.8	93.2	139.8#

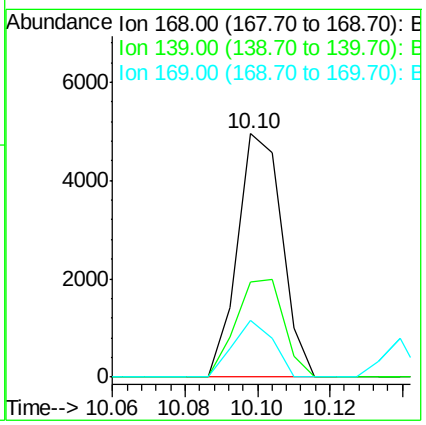


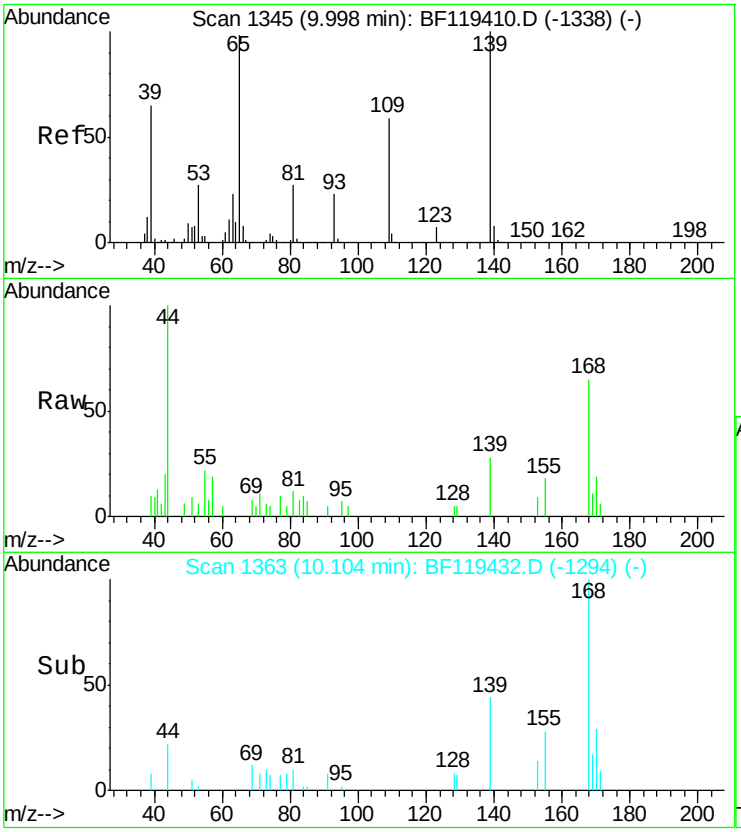


#55
Dibenzofuran
Concen: 0.07 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:168 Resp: 4208

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.4
169	23.5	11.1	16.7#



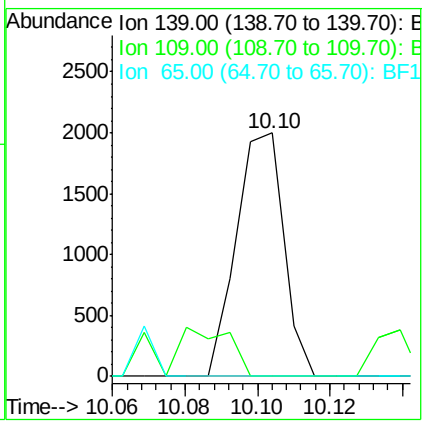


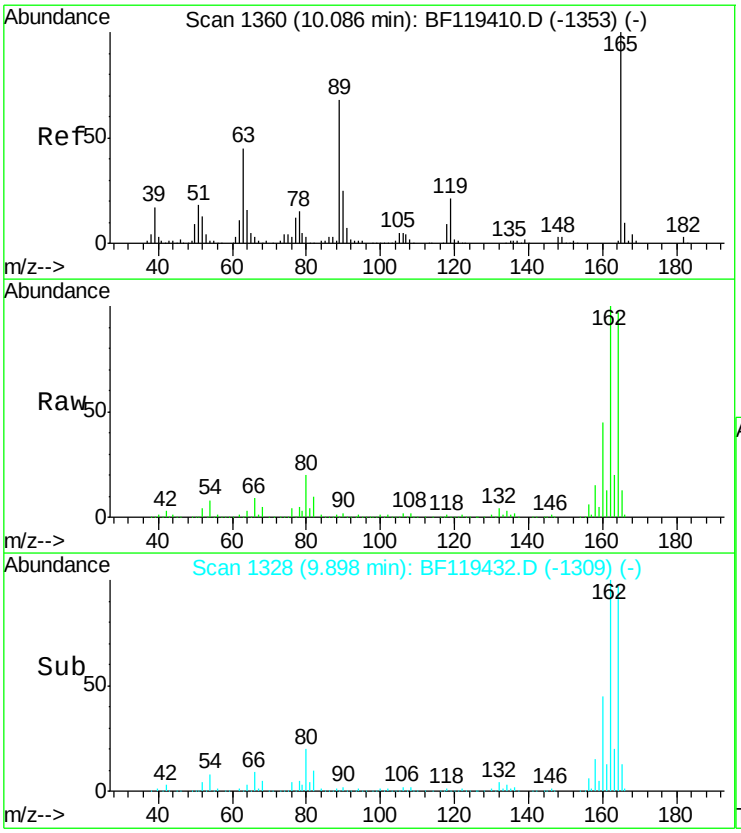
#56
4-Nitrophenol
Concen: 0.18 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.11 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:139 Resp: 1819

Ion	Ratio	Lower	Upper
139	100		
109	0.0	39.6	79.6#
65	0.0	78.3	118.3#

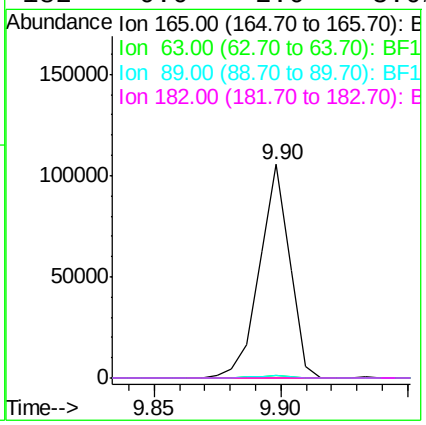


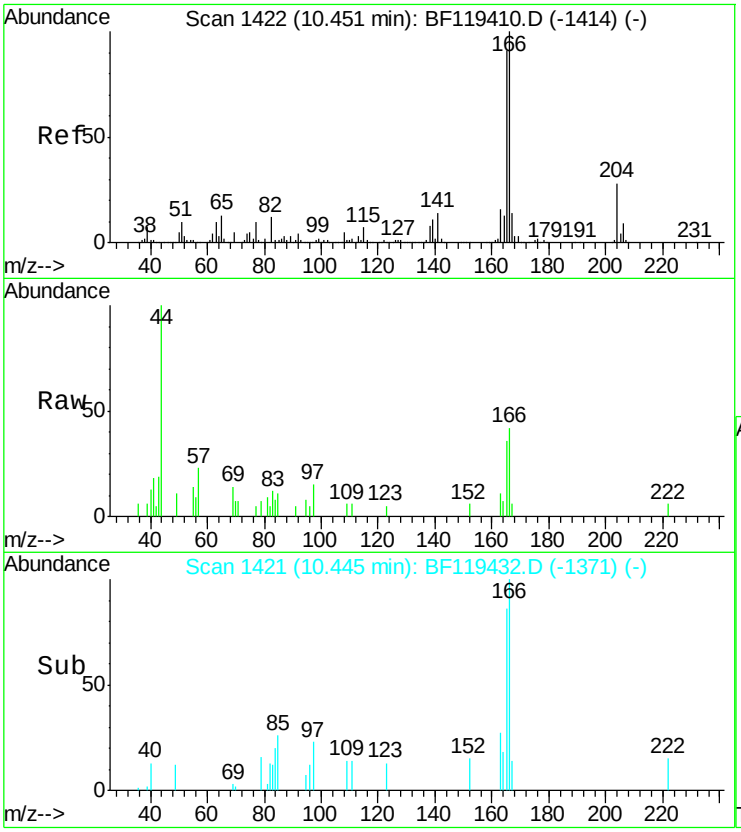


#57
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:165 Resp: 88022

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.4	54.3	81.5#
182	0.0	2.0	3.0#



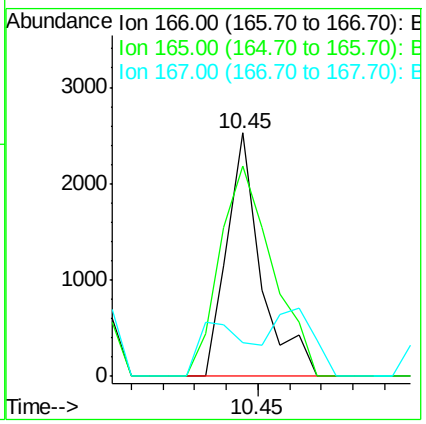


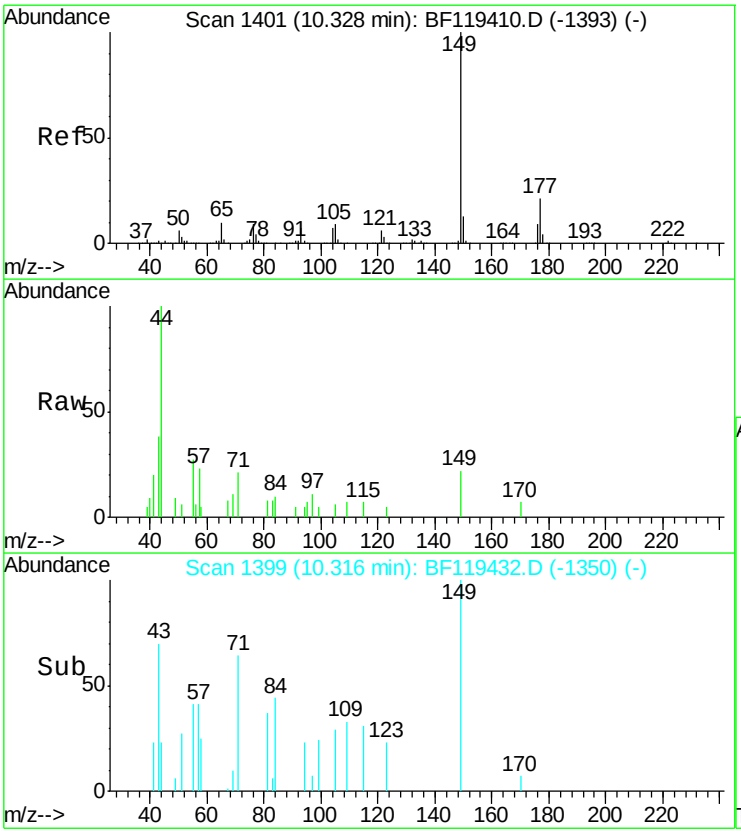
#58
Fluorene
Concen: 0.04 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:166 Resp: 1877

Ion	Ratio	Lower	Upper
166	100		
165	86.2	73.1	109.7
167	13.7	11.0	16.6

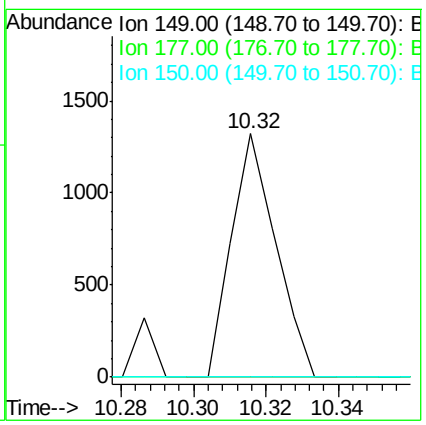


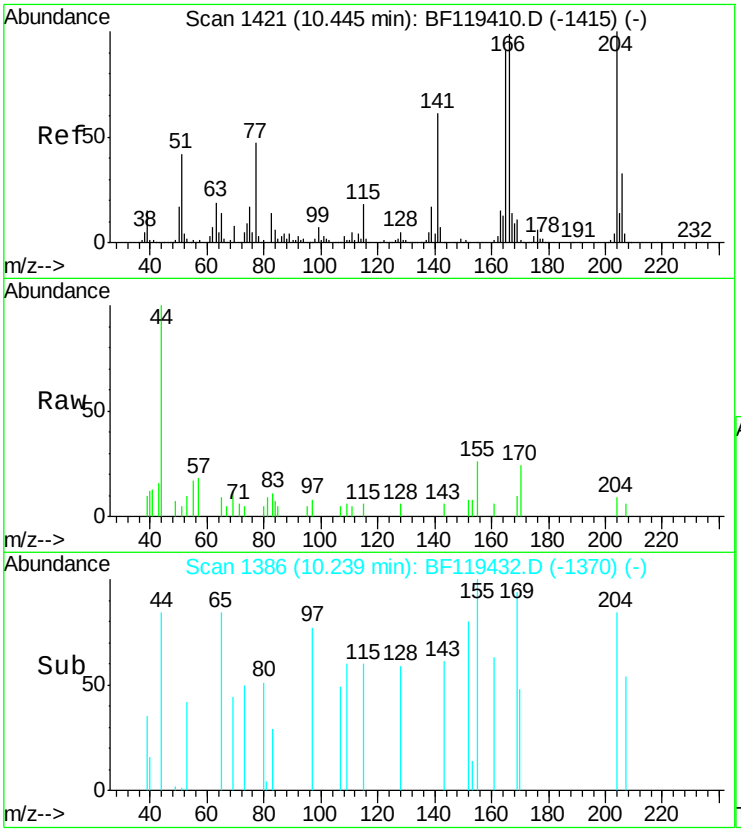


#60
Diethylphthalate
Concen: 0.02 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:149 Resp: 1125

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.0	25.6#
150	0.0	10.2	15.4#



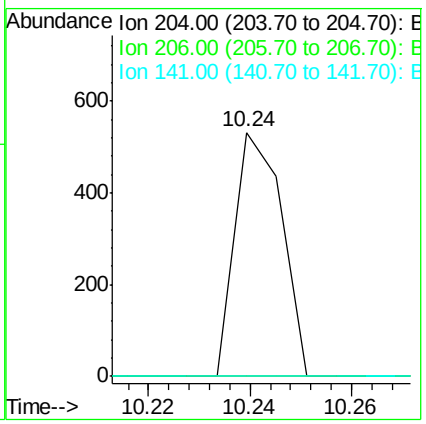


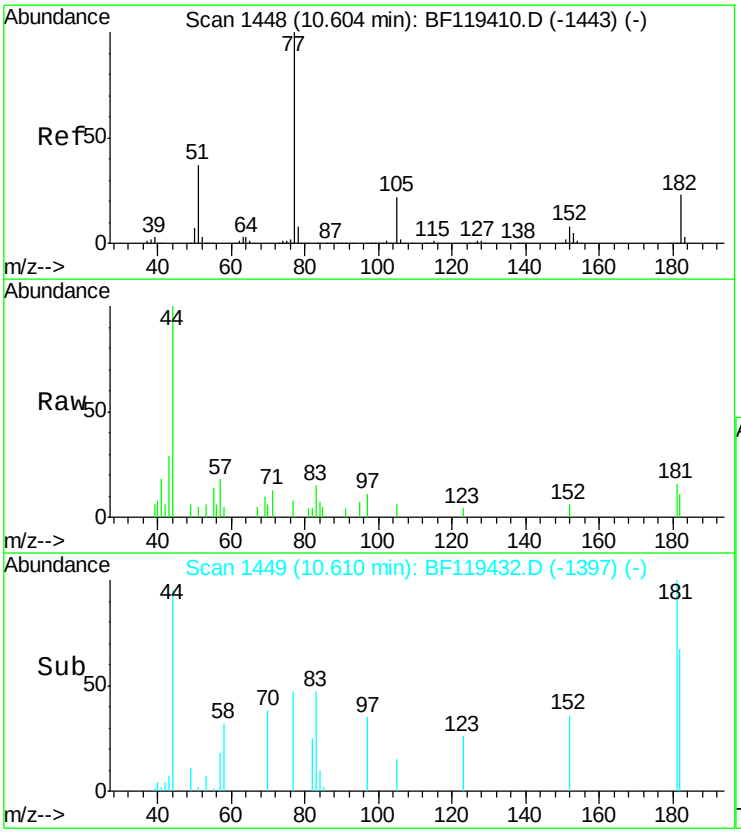
#61
4-Chlorophenyl-phenylether
Concen: 0.02 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.21 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:204 Resp: 341

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.7	40.1#
141	0.0	48.8	73.2#

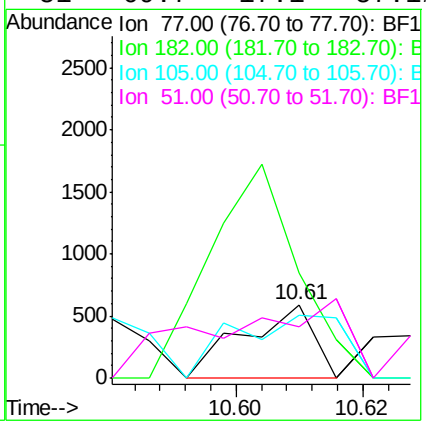


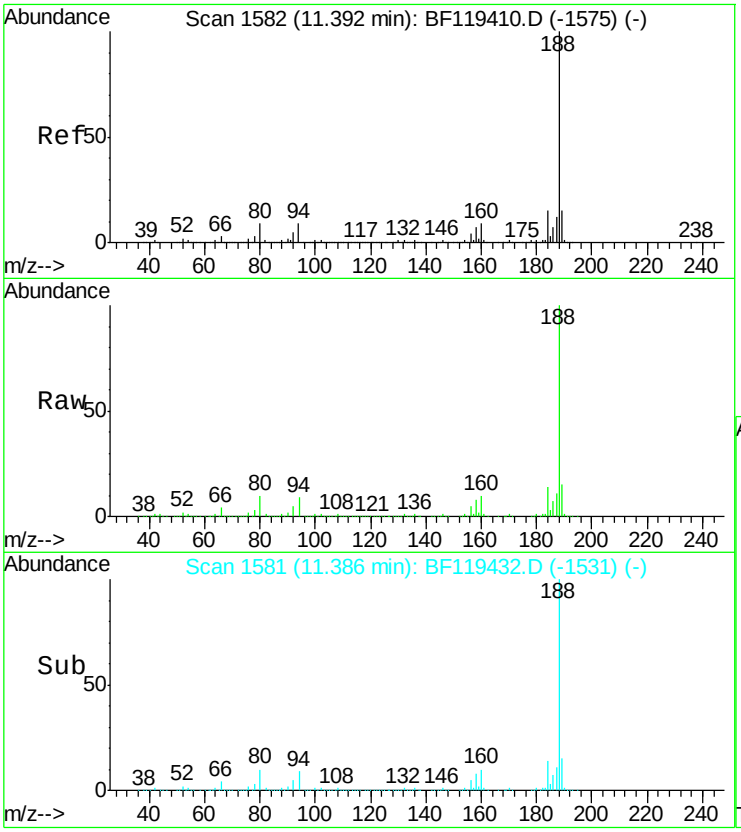


#63
Azobenzene
Concen: 0.01 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion: 77 Resp: 453

Ion	Ratio	Lower	Upper
77	100		
182	142.5	2.5	42.5#
105	85.4	2.5	42.5#
51	69.7	17.1	57.1#



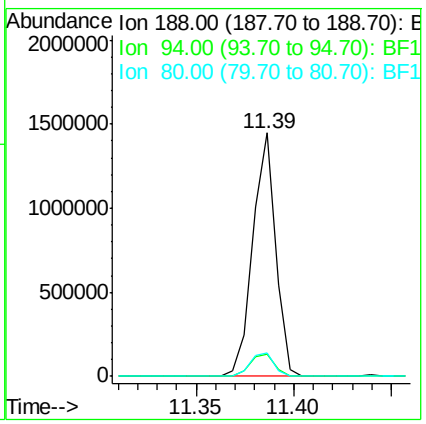


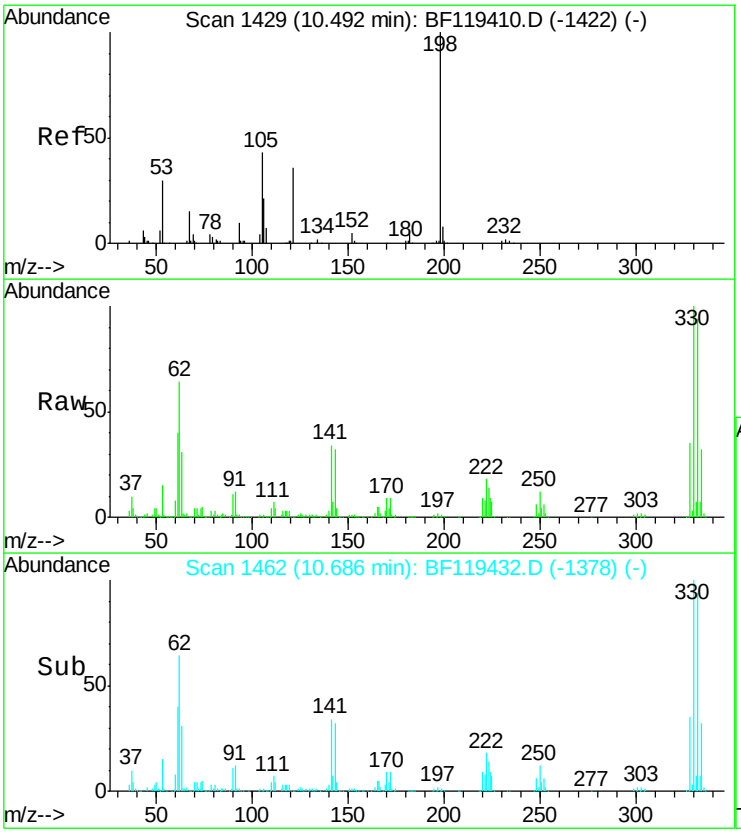
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:188 Resp: 1169650

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.7	7.5	11.3

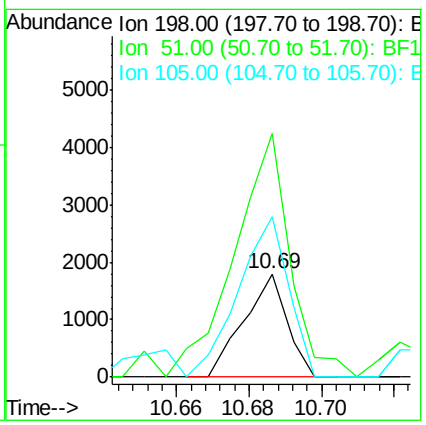


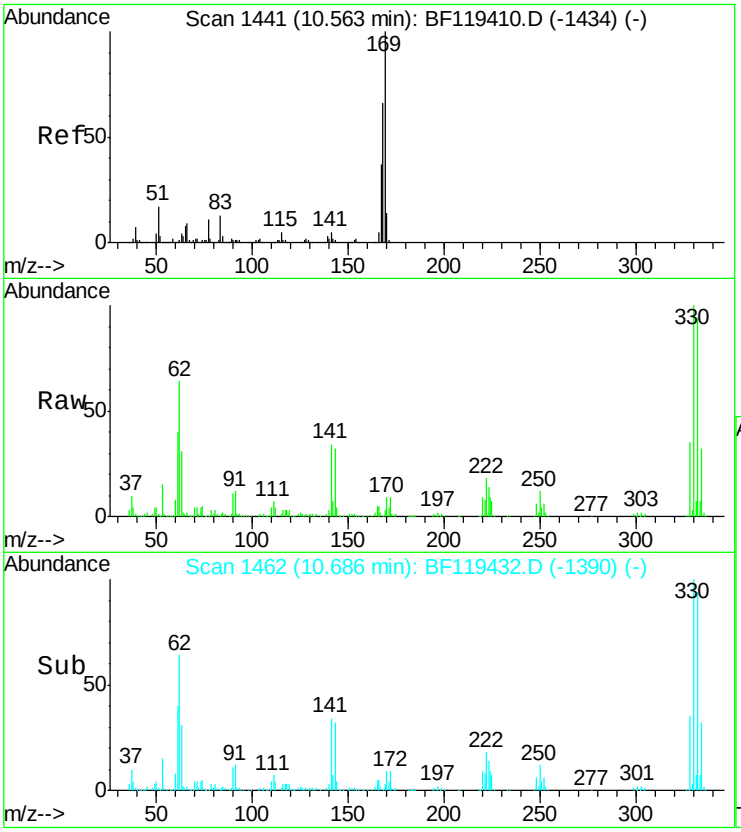


#65
4,6-Dinitro-2-methylphenol
Concen: 0.30 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:198 Resp: 1486

Ion	Ratio	Lower	Upper
198	100		
51	236.7	33.1	73.1#
105	155.9	24.1	64.1#



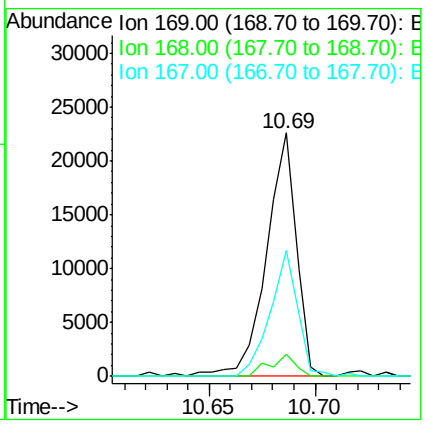


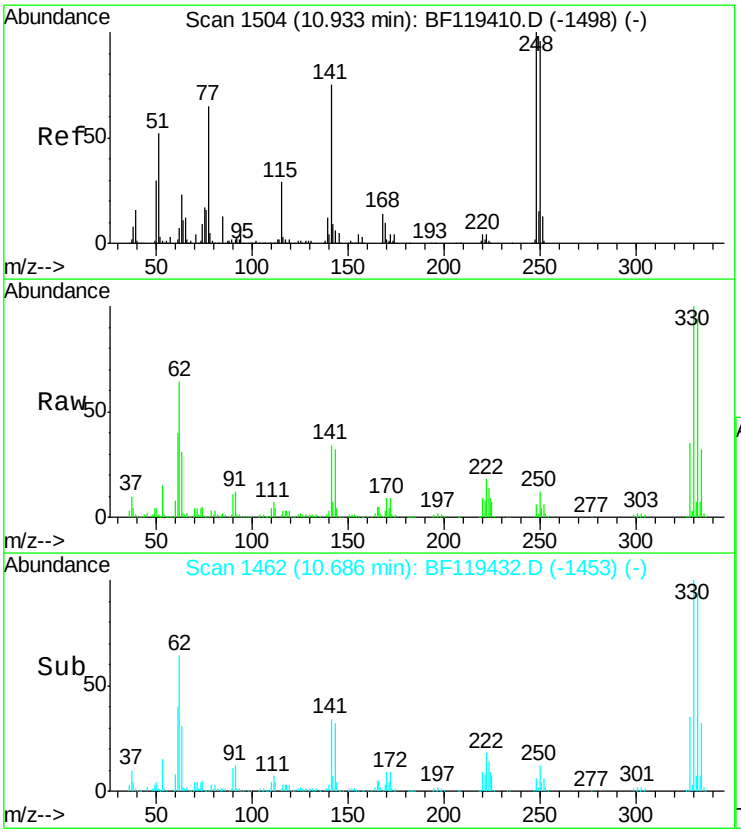
#66
n-Nitrosodiphenylamine
Concen: 0.58 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.12 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:169 Resp: 22193

Ion	Ratio	Lower	Upper
169	100		
168	9.1	52.7	79.1#
167	51.9	29.3	43.9#

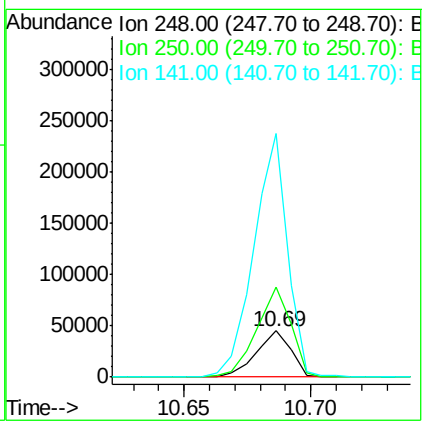


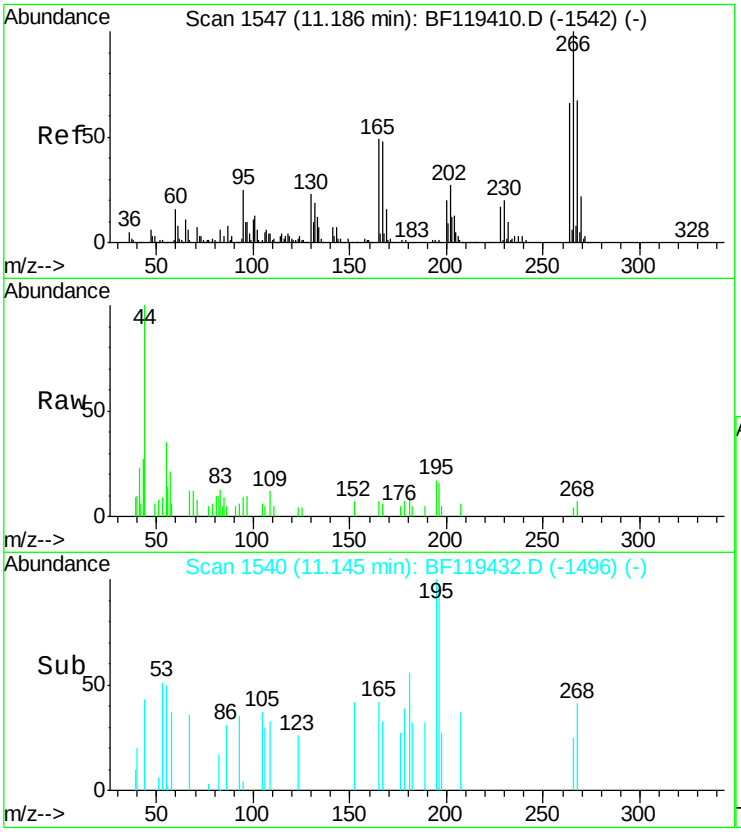


#67
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:248 Resp: 42494

Ion	Ratio	Lower	Upper
248	100		
250	194.9	77.0	115.6#
141	527.6	59.7	89.5#



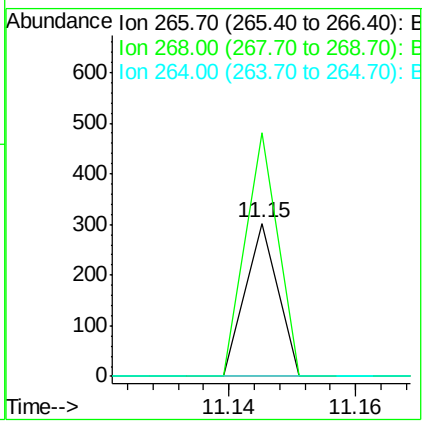


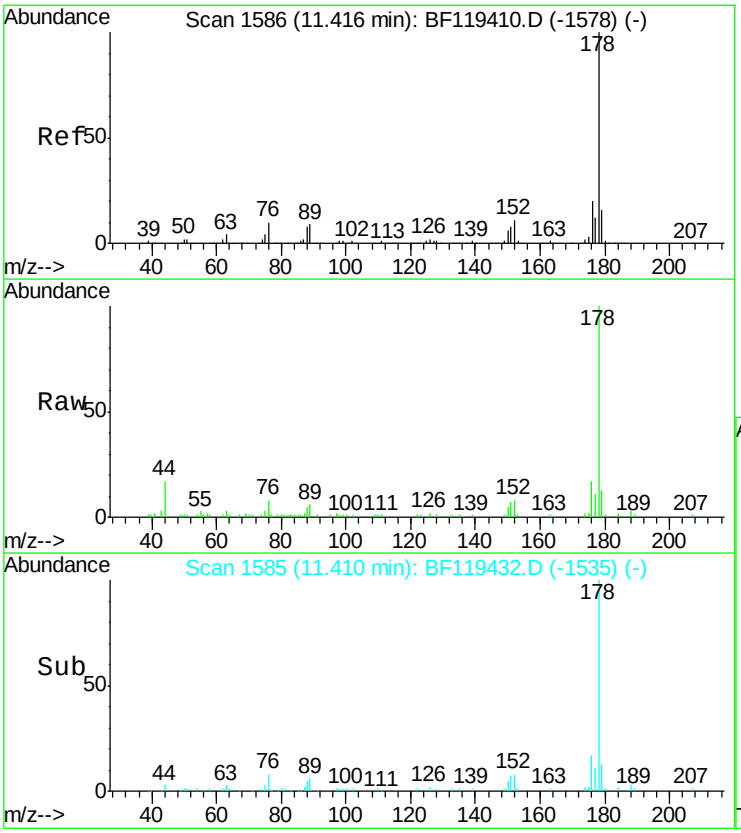
#70
Pentachlorophenol
Concen: 0.01 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.04 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:266 Resp: 107

Ion	Ratio	Lower	Upper
266	100		
268	159.3	53.7	80.5#
264	0.0	52.5	78.7#

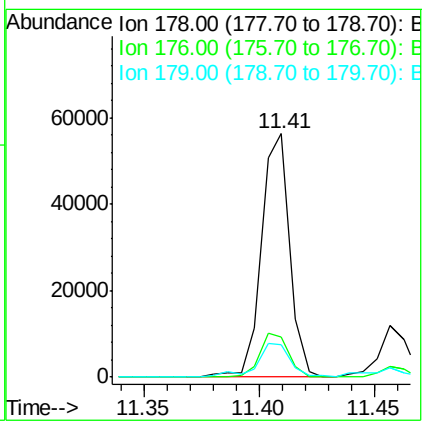


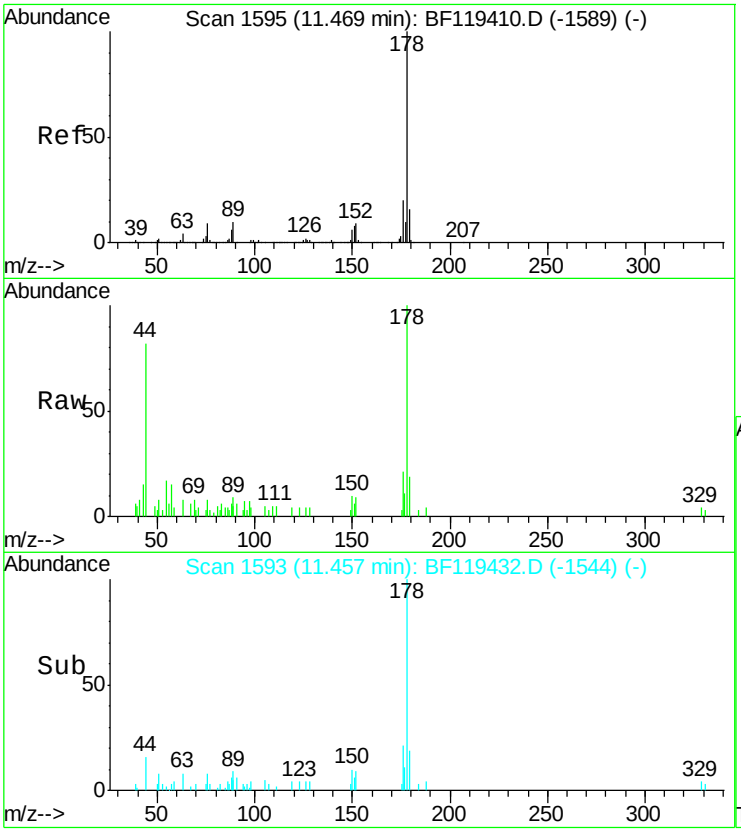


#71
Phenanthrene
Concen: 0.79 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:178 Resp: 47961

Ion	Ratio	Lower	Upper
178	100		
176	16.7	16.2	24.4
179	13.1	12.9	19.3



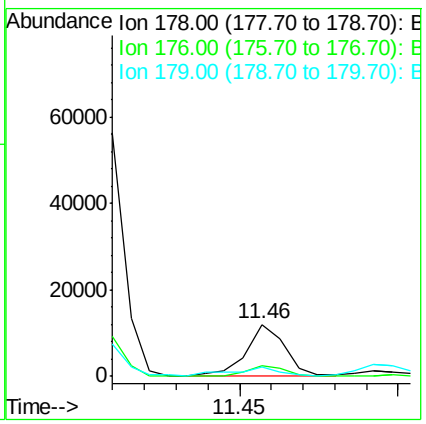


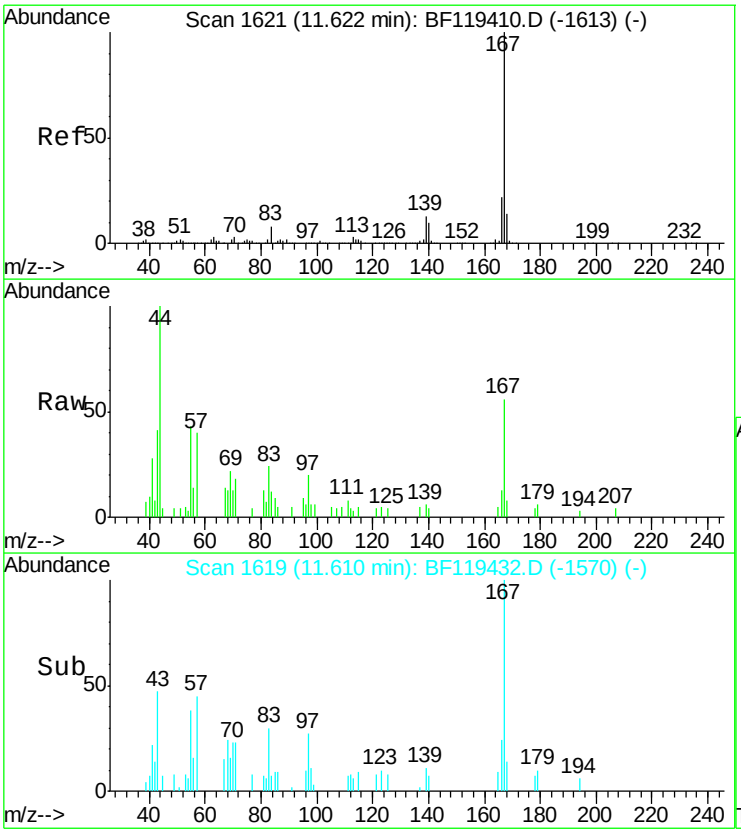
#72
Anthracene
Concen: 0.17 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:178 Resp: 10513

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.6	23.4
179	18.7	13.1	19.7

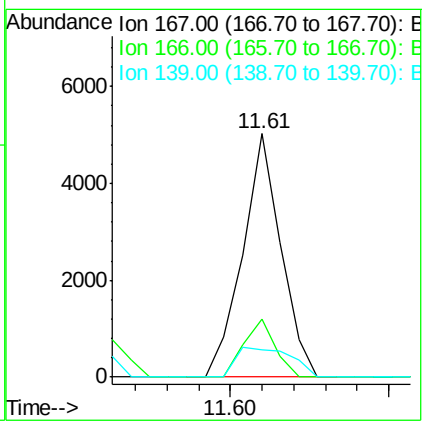


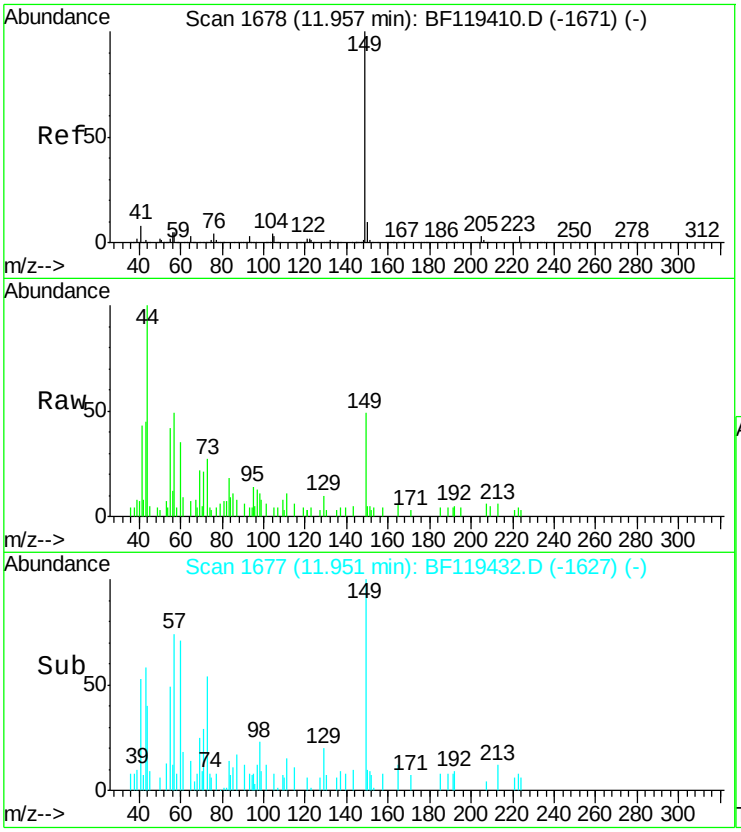


#73
Carbazole
Concen: 0.07 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:167 Resp: 4217

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.8	26.6
139	11.3	10.2	15.4



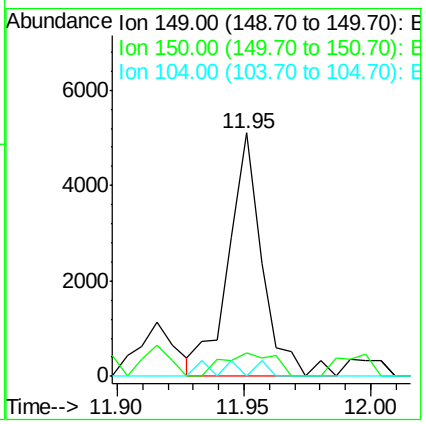


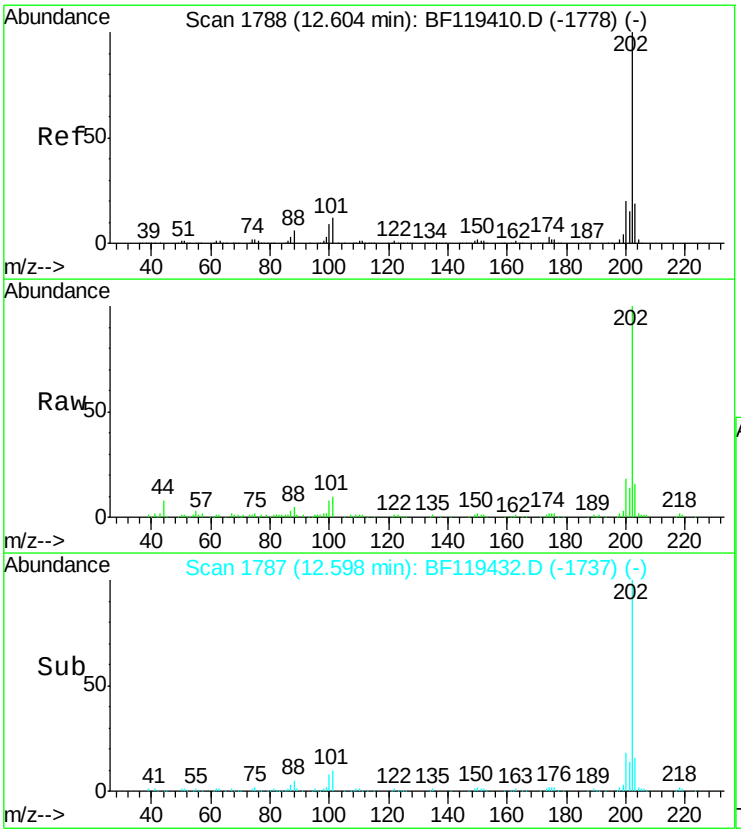
#74
Di-n-butylphthalate
Concen: 0.07 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:149 Resp: 4709

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	0.0	3.5	5.3#

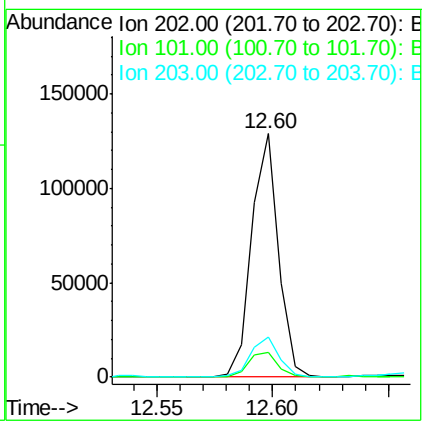


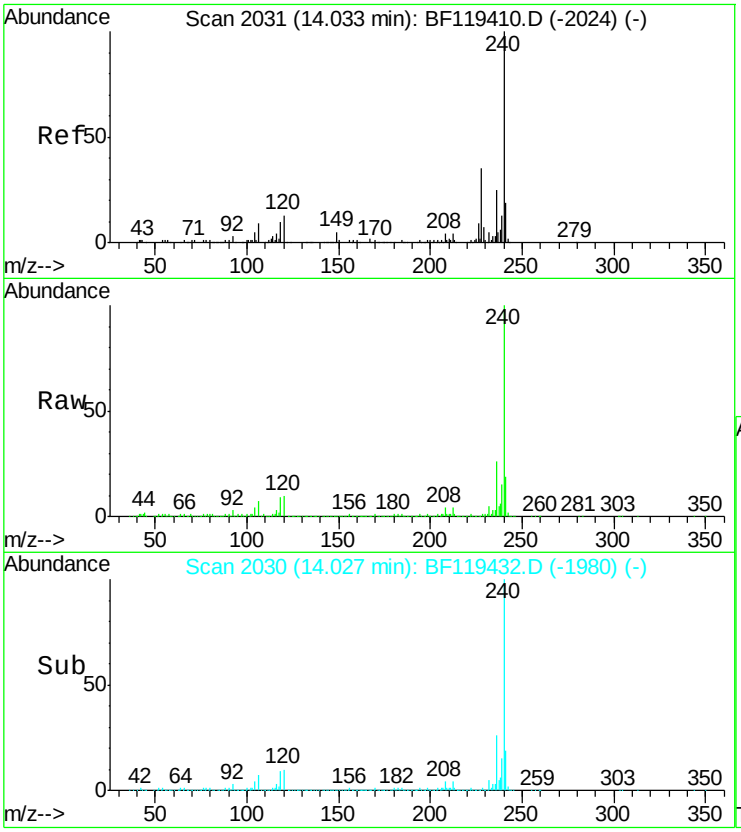


#75
Fluoranthene
Concen: 1.60 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:202 Resp: 105059

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



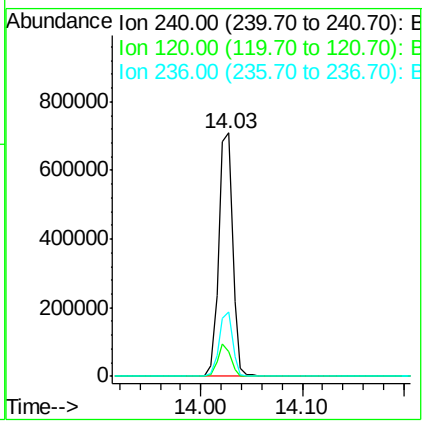


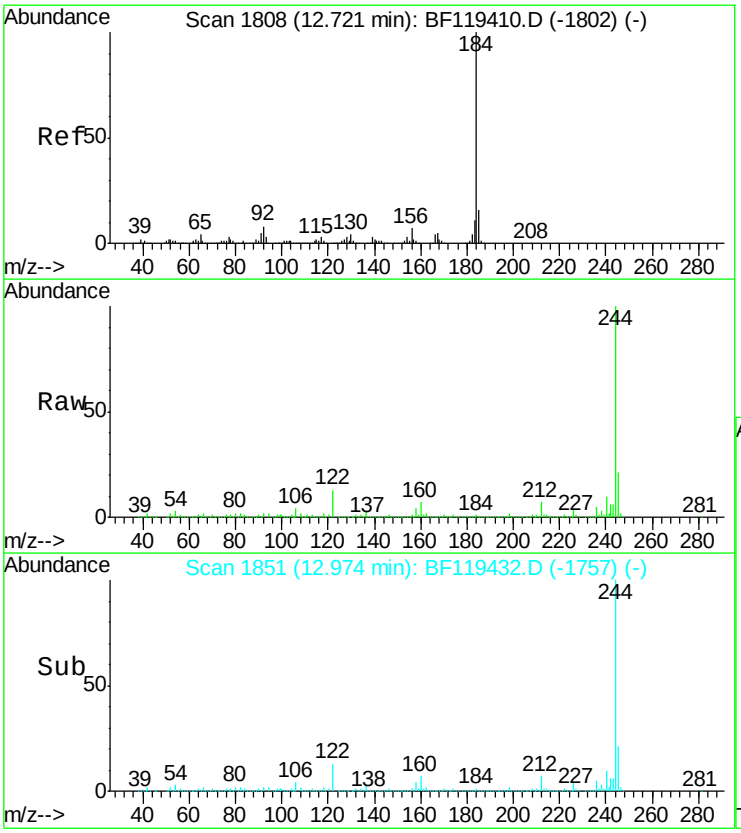
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:240 Resp: 677371

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.2	15.4#
236	26.4	20.4	30.6

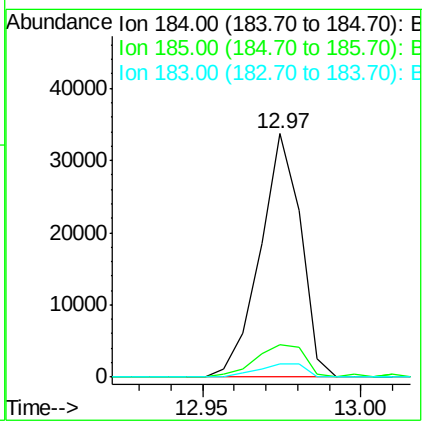


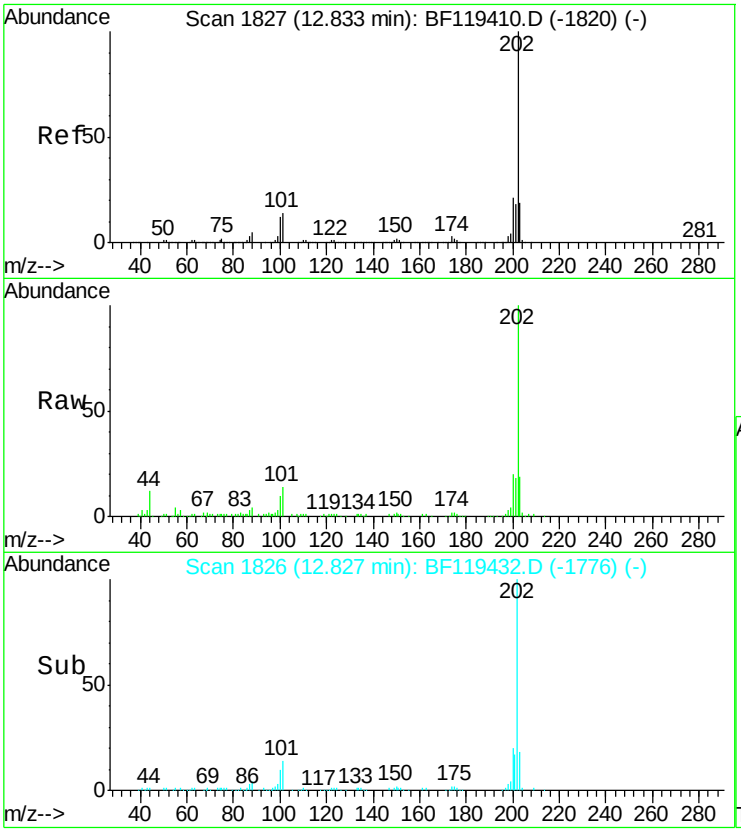


#77
Benzidine
Concen: 1.05 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.25 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:184 Resp: 30030

Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.9	19.3
183	5.6	9.0	13.4#



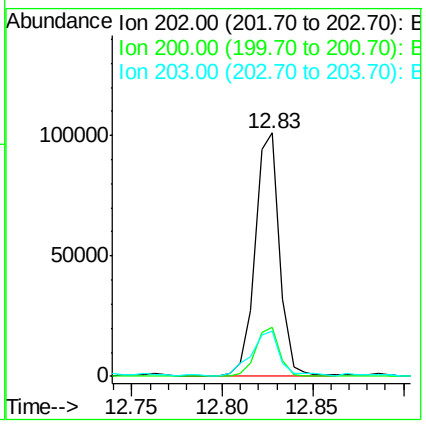


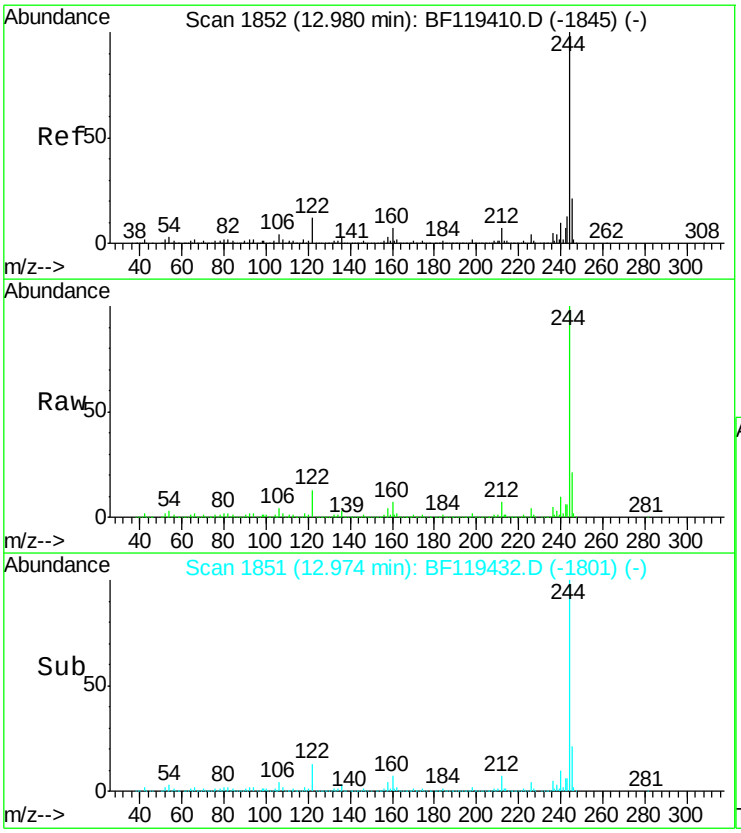
#78
Pyrene
Concen: 1.71 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:202 Resp: 95262

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	18.8	14.8	22.2

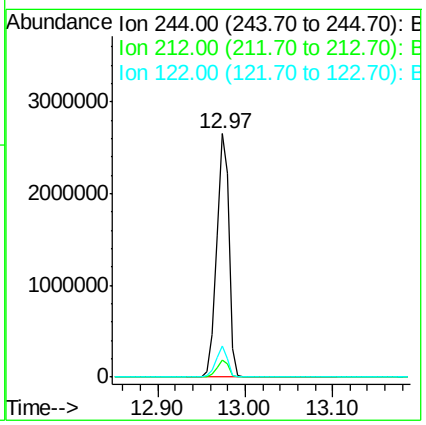


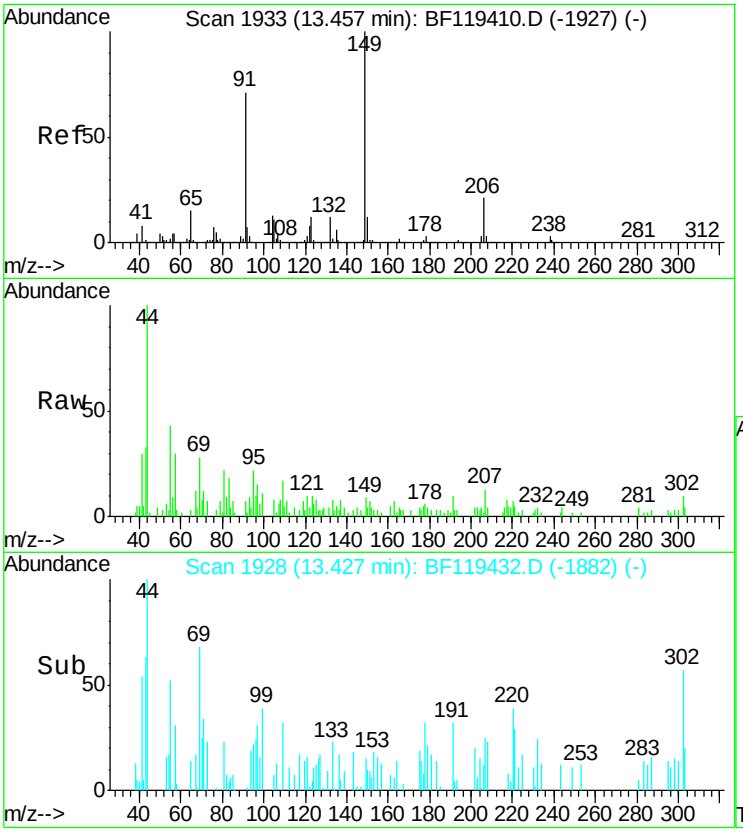


#79
Terphenyl-d14
Concen: 74.62 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:244 Resp: 2579977

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.9	9.8	14.8



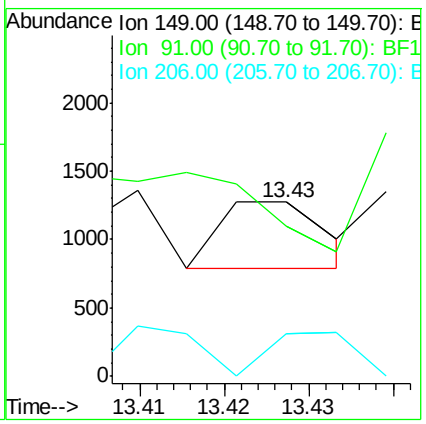


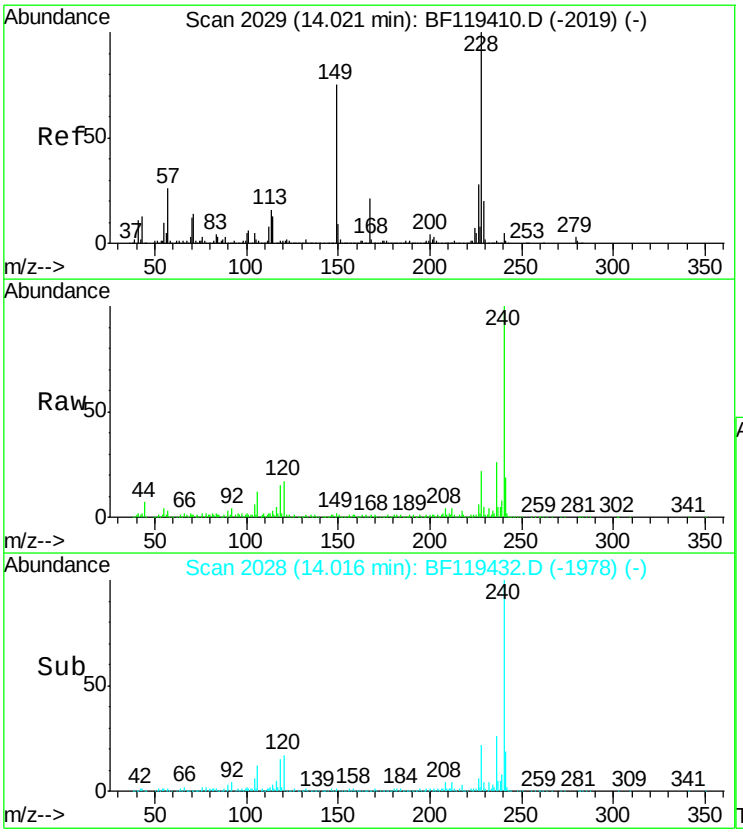
#80
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.03 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:149 Resp: 423

Ion	Ratio	Lower	Upper
149	100		
91	86.0	57.0	85.6#
206	24.6	16.4	24.6

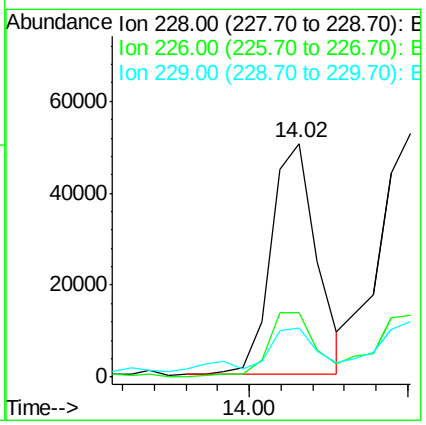


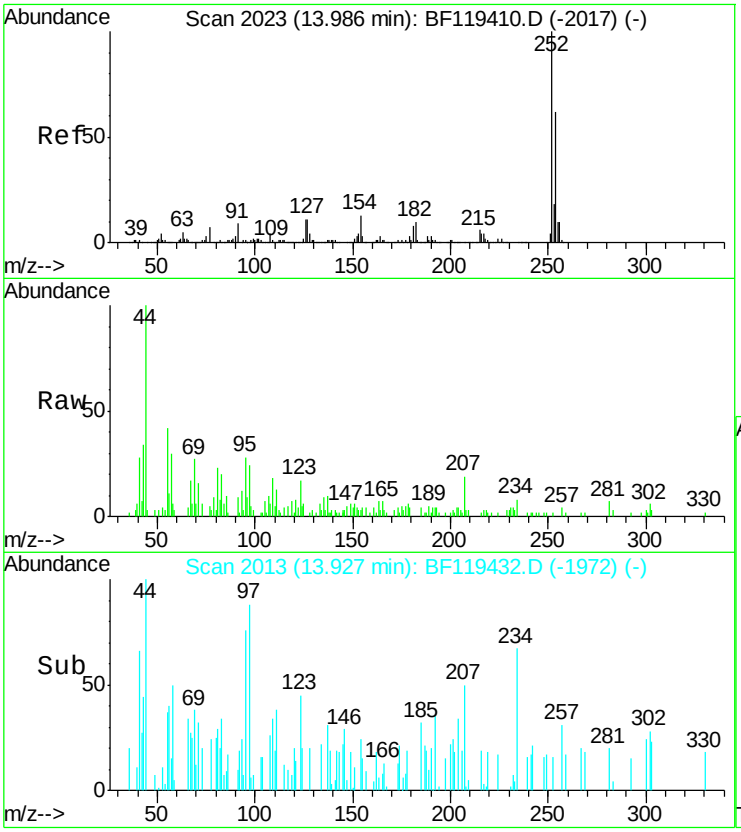


#81
Benzo(a)anthracene
Concen: 1.14 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:228 Resp: 50207

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	21.0	16.3	24.5



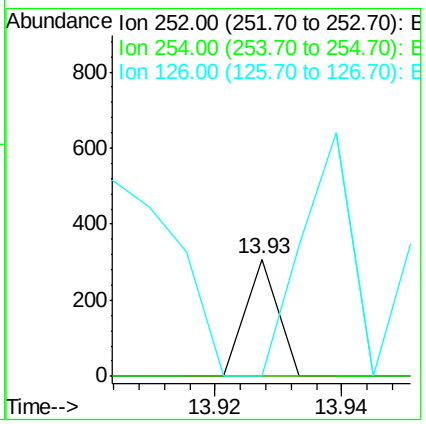


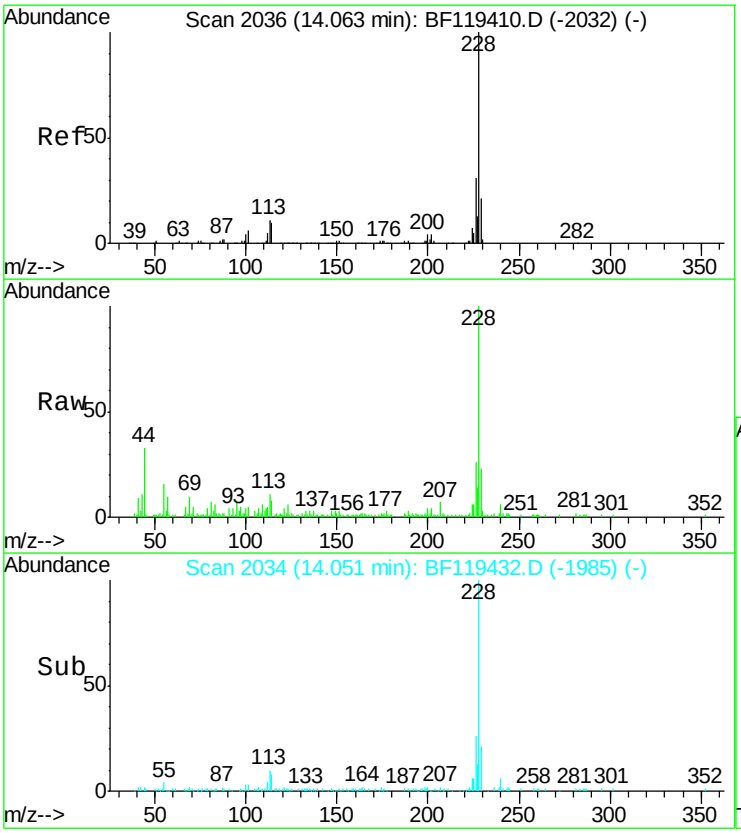
#82
3,3'-Dichlorobenzidine
Concen: 0.01 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.06 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:252 Resp: 109

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

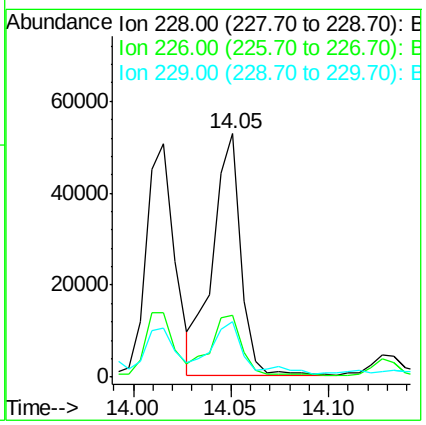


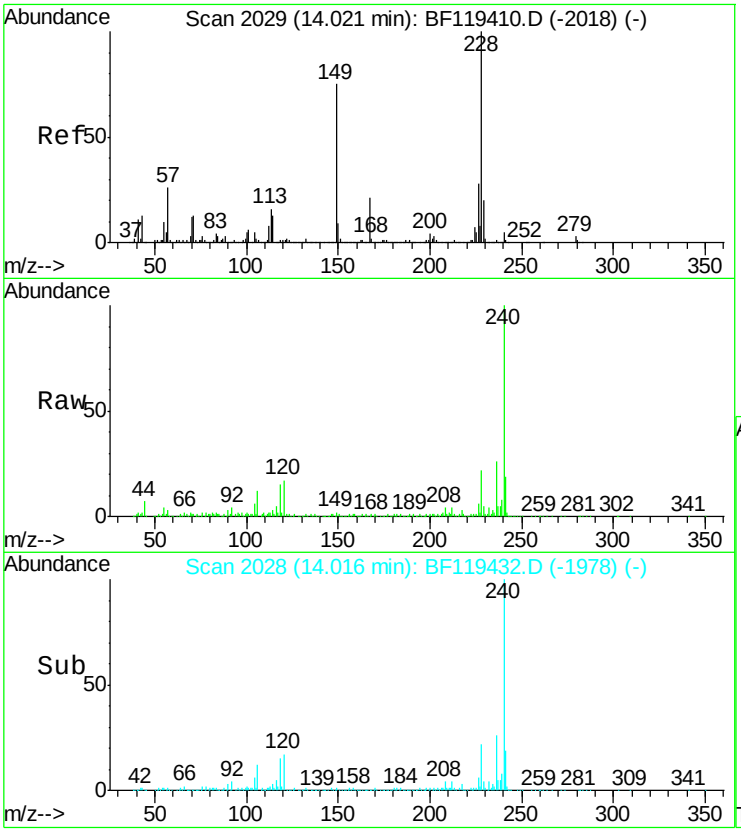


#83
Chrysene
Concen: 1.16 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:228 Resp: 52700

Ion	Ratio	Lower	Upper
228	100		
226	25.6	24.8	37.2
229	22.6	16.6	25.0



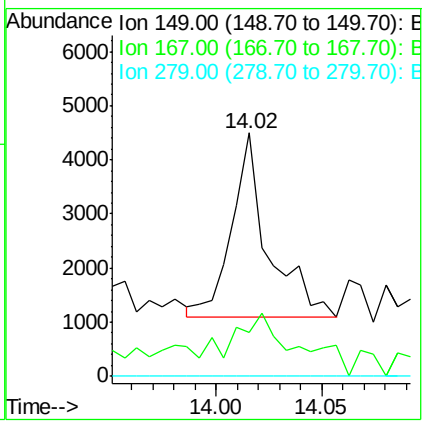


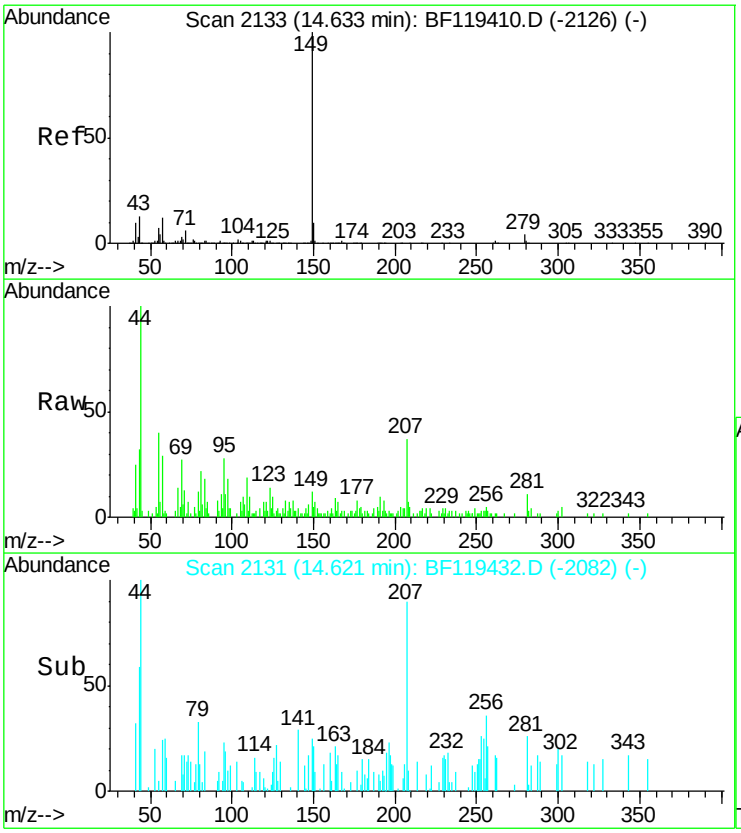
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:149 Resp: 3987

Ion	Ratio	Lower	Upper
149	100		
167	18.0	22.0	33.0#
279	0.0	3.2	4.8#

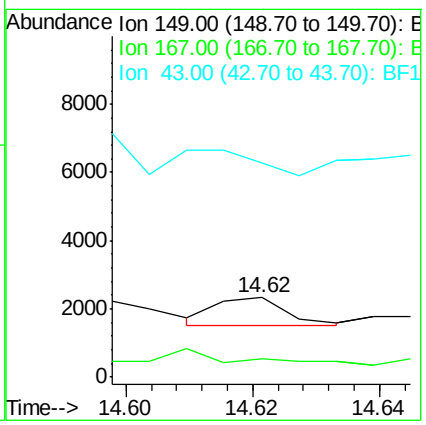


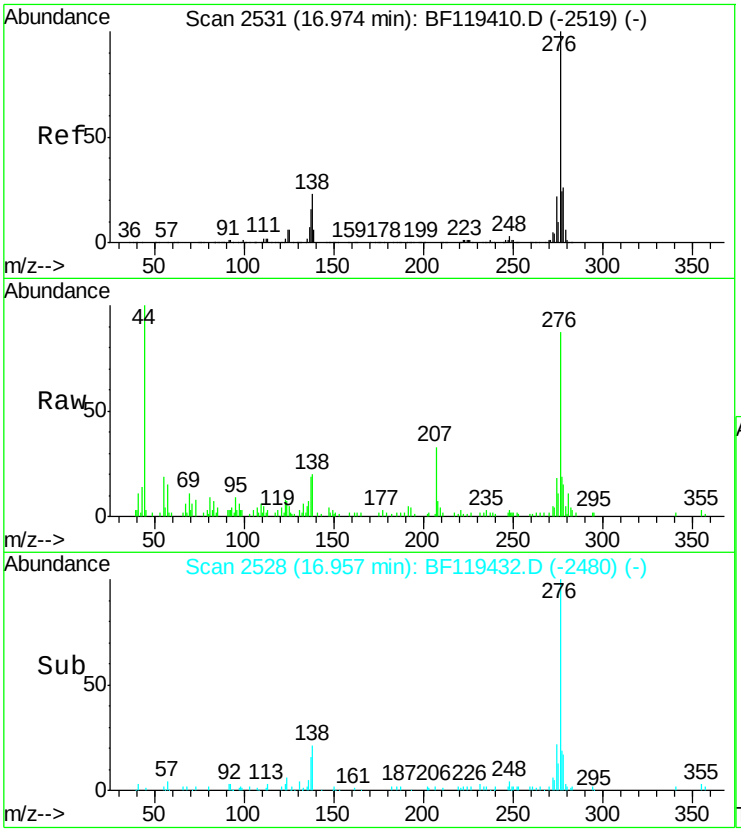


#85
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:149 Resp: 622

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



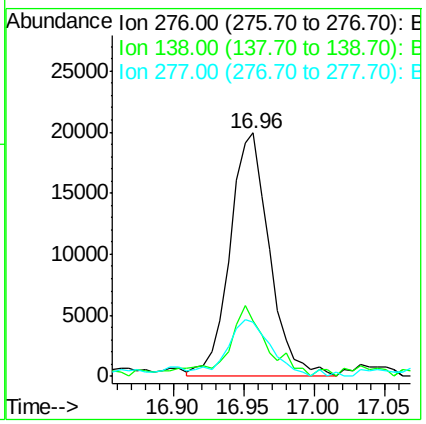


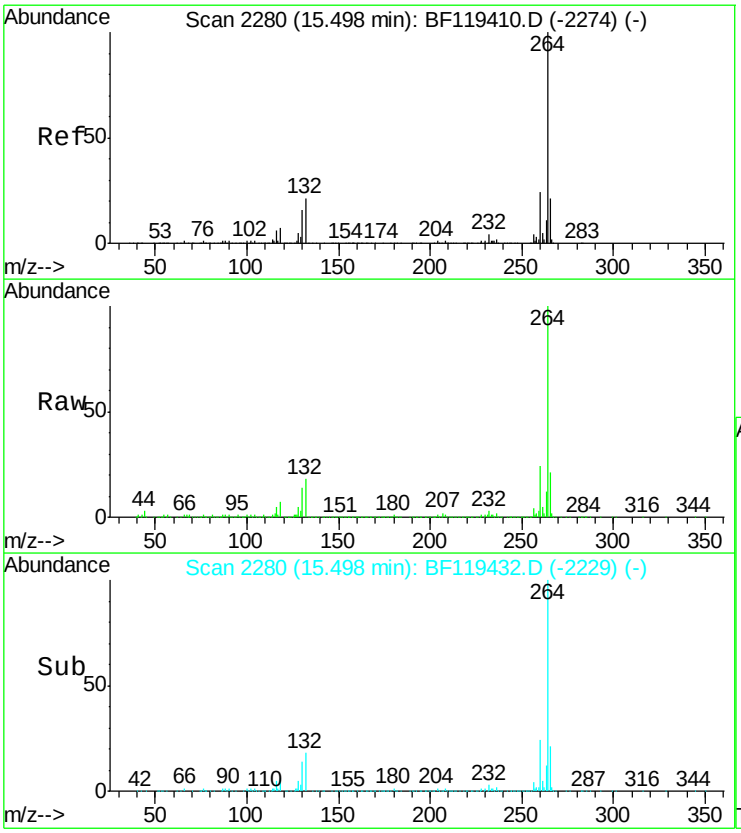
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.91 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:276 Resp: 39015

Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.3	31.9
277	25.0	20.2	30.2

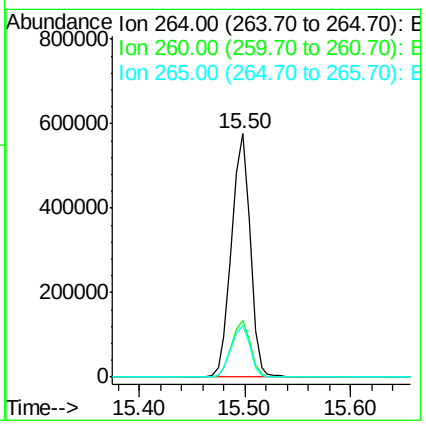


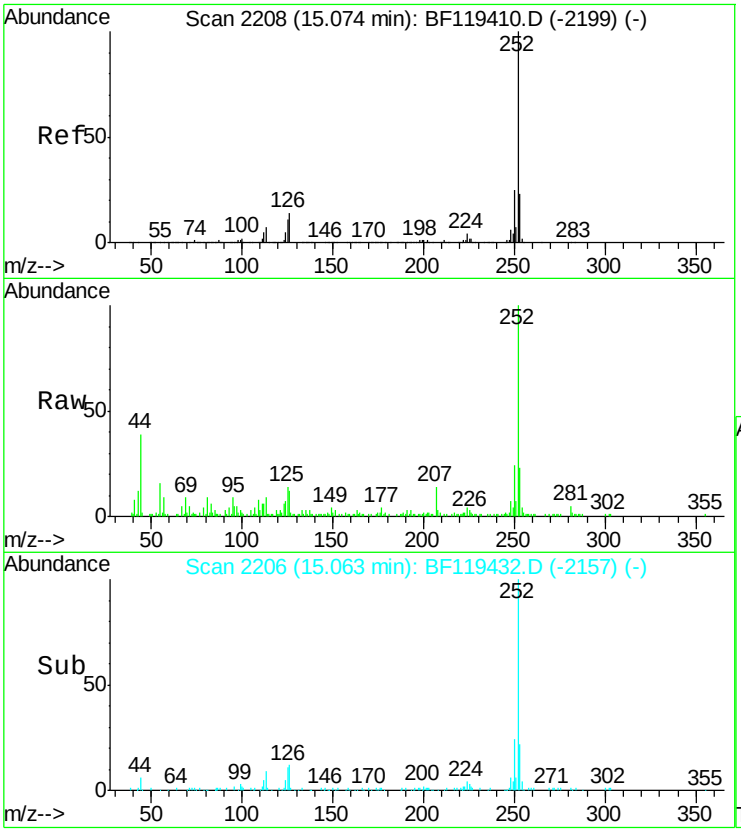


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:264 Resp: 701454

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	16.9	25.3



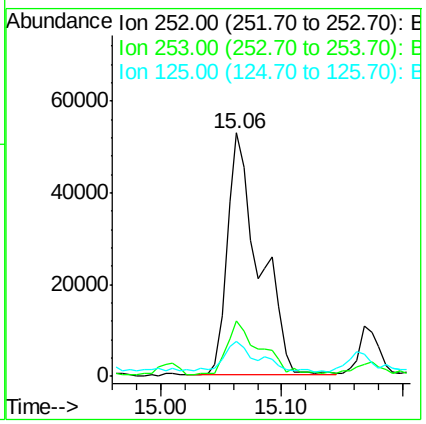


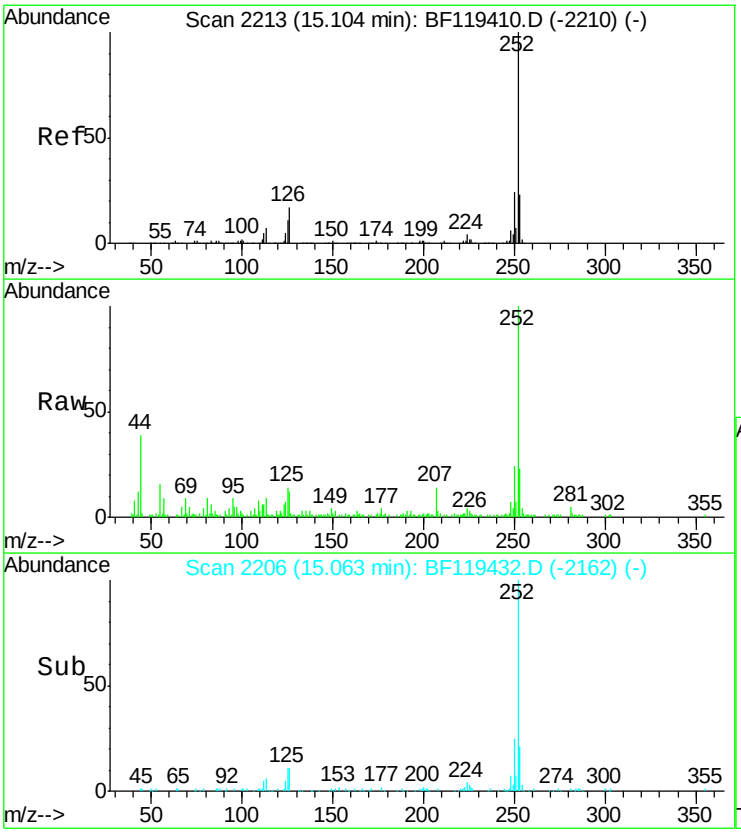
#88
Benzo(b)fluoranthene
Concen: 2.06 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:252 Resp: 96547

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.4	8.8	13.2#

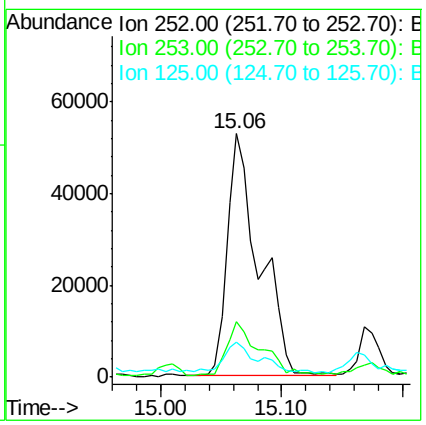


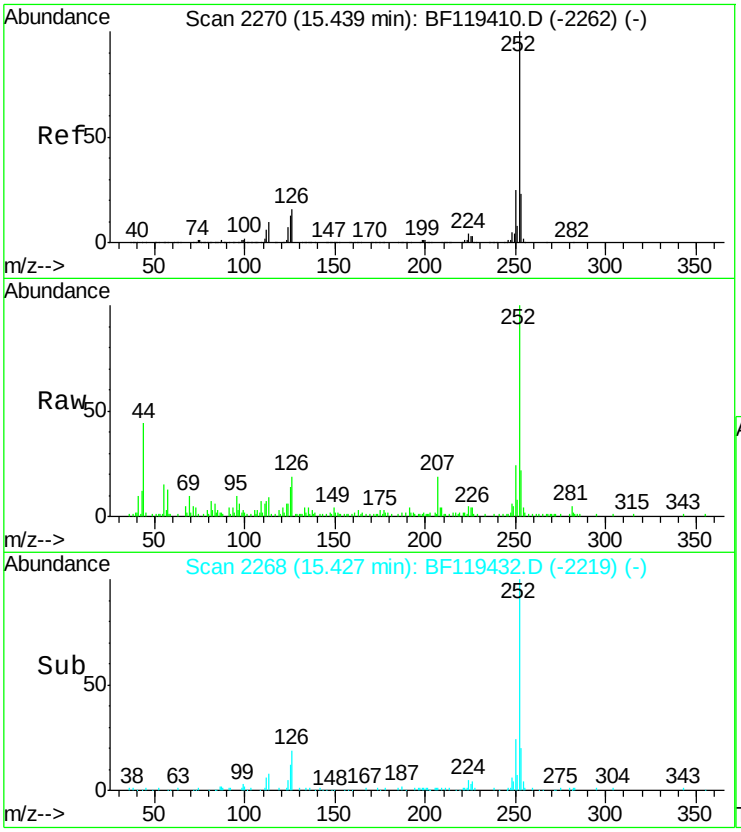


#89
Benzo(k)fluoranthene
Concen: 2.16 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:252 Resp: 96547

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.4	9.0	13.4#



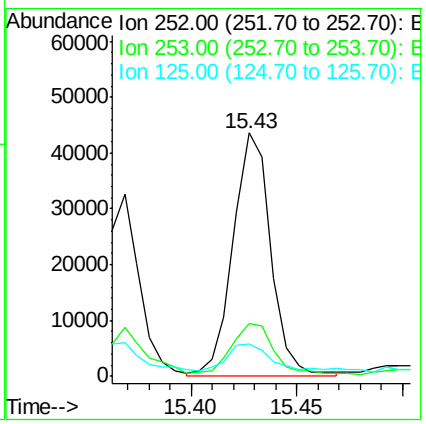


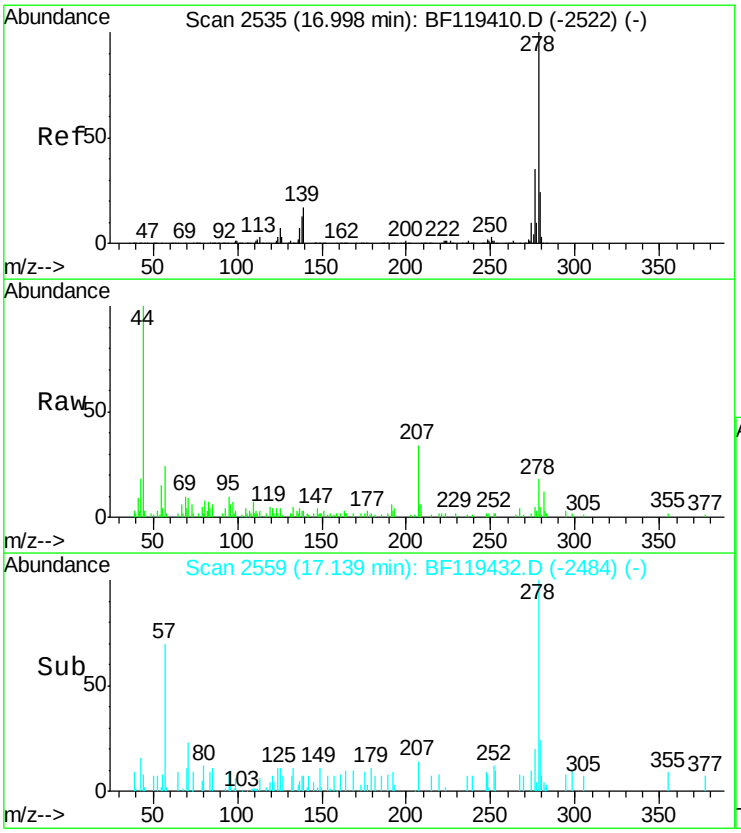
#90
Benzo(a)pyrene
Concen: 1.28 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:252 Resp: 54385

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	13.5	10.2	15.2

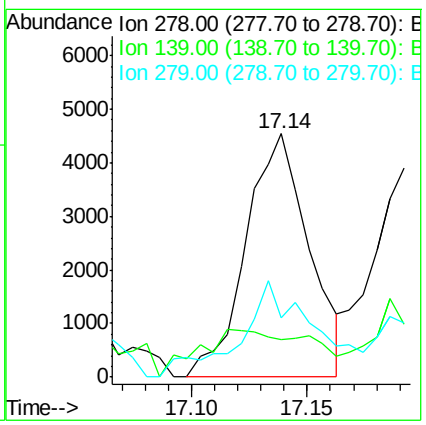


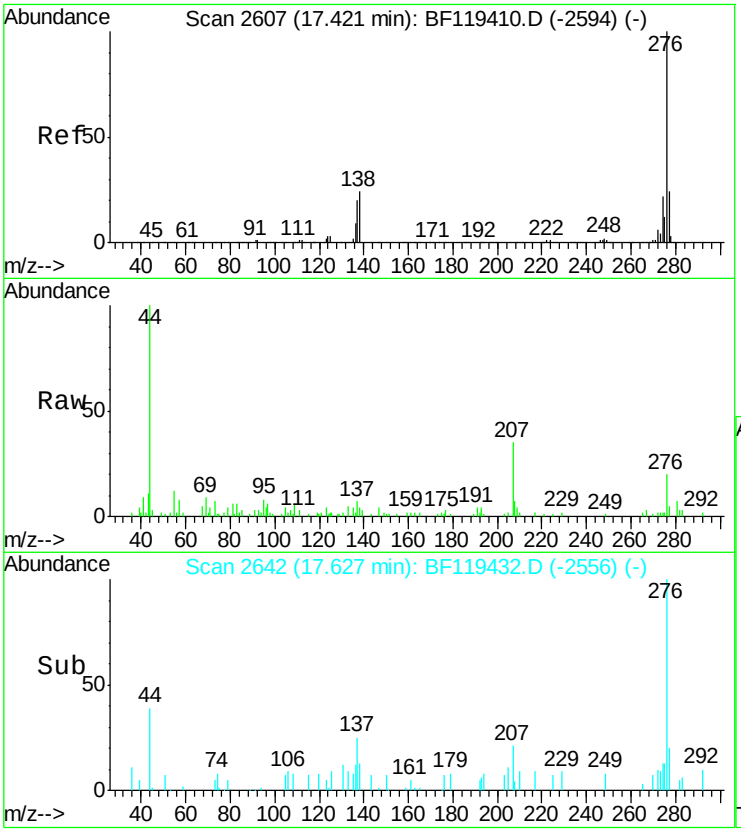


#91
Dibenzo(a,h)anthracene
Concen: 0.23 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.14 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Tgt Ion:278 Resp: 8639

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.7	20.5
279	24.4	19.2	28.8





#92
Benzo(g,h,i)perylene
Concen: 0.27 ng
RT: 17.63 min Scan# 2642
Delta R.T. 0.21 min
Lab File: BF119432.D
Acq: 18 Mar 2020 23:22

Instrument :
BNA_F
ClientSampleId :
MK-031220-COMP-DP

Tgt Ion:276 Resp: 10117

Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.8	28.2
138	21.9	19.1	28.7