Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114072.D
Acq On : 1 May 2019 16:32
Operator : JU/SJ
Sample : K2204-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 01:01:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	84594	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	289801	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	180686	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	335932	20.00	ng		0.00
76) Chrysene-d12	14.06	240	267454	20.00	ng		0.00
87) Perylene-d12	15.56	264	205405	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	83213	16.82	ng		0.00
7) Phenol-d6	6.52	99	128321	20.68	ng		0.00
23) Nitrobenzene-d5	7.45	82	60520	12.89	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	44232	20.10	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	192214	16.64	ng		0.00
79) Terphenyl-d14	13.00	244	215210	16.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	446	0.191	ng	#	26
9) Benzaldehyde	6.66	77	2375	Below Cal		#	79
10) Phenol	6.53	94	1724	0.232	ng	#	8
15) Benzyl Alcohol	7.05	79	1354	0.324	ng	#	53
18) Hexachloroethane	7.46	117	185	0.082	ng	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	8162	2.031	ng	#	76
22) Acetophenone	7.29	105	501	0.078	ng	#	58
25) Isophorone	7.45	82	60520	6.302	ng	#	65
31) Naphthalene	8.20	128	1784	0.130	ng	#	70
33) 4-Chloroaniline	8.20	127	107	0.018	ng	#	20
35) Caprolactam	8.60	113	140	0.100	ng	#	76
37) 2-Methylnaphthalene	8.90	142	1476	0.159	ng		91
38) 1-Methylnaphthalene	8.99	142	2638	0.294	ng	#	96
46) 1,1'-Biphenyl	9.36	154	655	0.047	ng		86
47) 2-Chloronaphthalene	9.52	162	588	0.052	ng	#	39
48) 2-Nitroaniline	9.25	65	151	0.051	ng	#	1
49) Acenaphthylene	9.79	152	4898	0.279	ng		93
50) Dimethylphthalate	9.64	163	19200	1.469	ng		99
51) 2,6-Dinitrotoluene	9.93	165	23693	8.451	ng	#	32
52) Acenaphthene	9.97	154	4913	0.473	ng		98
55) Dibenzofuran	10.14	168	1653	0.106	ng	#	64
56) 4-Nitrophenol	10.14	139	662	0.284	ng	#	12
57) 2,4-Dinitrotoluene	9.93	165	23689	6.694	ng	#	28
58) Fluorene	10.48	166	5548	0.474	ng	#	91
60) Diethylphthalate	10.35	149	123	0.010	ng	#	57
63) Azobenzene	10.63	77	133	0.011	ng	#	1
66) n-Nitrosodiphenylamine	10.59	169	935	0.093	ng	#	79
67) 4-Bromophenyl-phenylether	10.72	248	2393	0.590	ng	#	1
69) Atrazine	10.94	200	1197	0.365	ng	#	35
71) Phenanthrene	11.45	178	40784	2.416	ng		97
72) Anthracene	11.50	178	13897	0.815	ng		99
73) Carbazole	11.65	167	1686	0.111	ng	#	89
74) Di-n-butylphthalate	11.97	149	1238	0.069	ng	#	77
75) Fluoranthene	12.64	202	54253	2.945	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114072.D
Acq On : 1 May 2019 16:32
Operator : JU/SJ
Sample : K2204-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 01:01:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) Benzidine	12.73	184	119	0.015	ng	#	1
78) Pyrene	12.87	202	65118	3.482	ng		98
80) Butylbenzylphthalate	13.49	149	1879	0.255	ng	#	1
81) Benzo(a)anthracene	14.05	228	25645	1.627	ng		94
82) 3,3'-Dichlorobenzidine	14.02	252	101	0.017	ng	#	49
83) Chrysene	14.05	228	25645	1.671	ng		96
84) Bis(2-ethylhexyl)phthalate	14.03	149	3518	0.376	ng	#	84
85) Di-n-octyl phthalate	14.69	149	299	0.020	ng	#	1
86) Indeno(1,2,3-cd)pyrene	17.06	276	9009	0.620	ng		97
88) Benzo(b)fluoranthene	15.12	252	28863	2.221	ng	#	78
89) Benzo(k)fluoranthene	15.12	252	28863	2.582	ng	#	79
90) Benzo(a)pyrene	15.49	252	15458	1.375	ng	#	68
91) Dibenzo(a,h)anthracene	17.06	278	2802	0.266	ng	#	1
92) Benzo(g,h,i)perylene	17.52	276	9062	0.851	ng	#	78

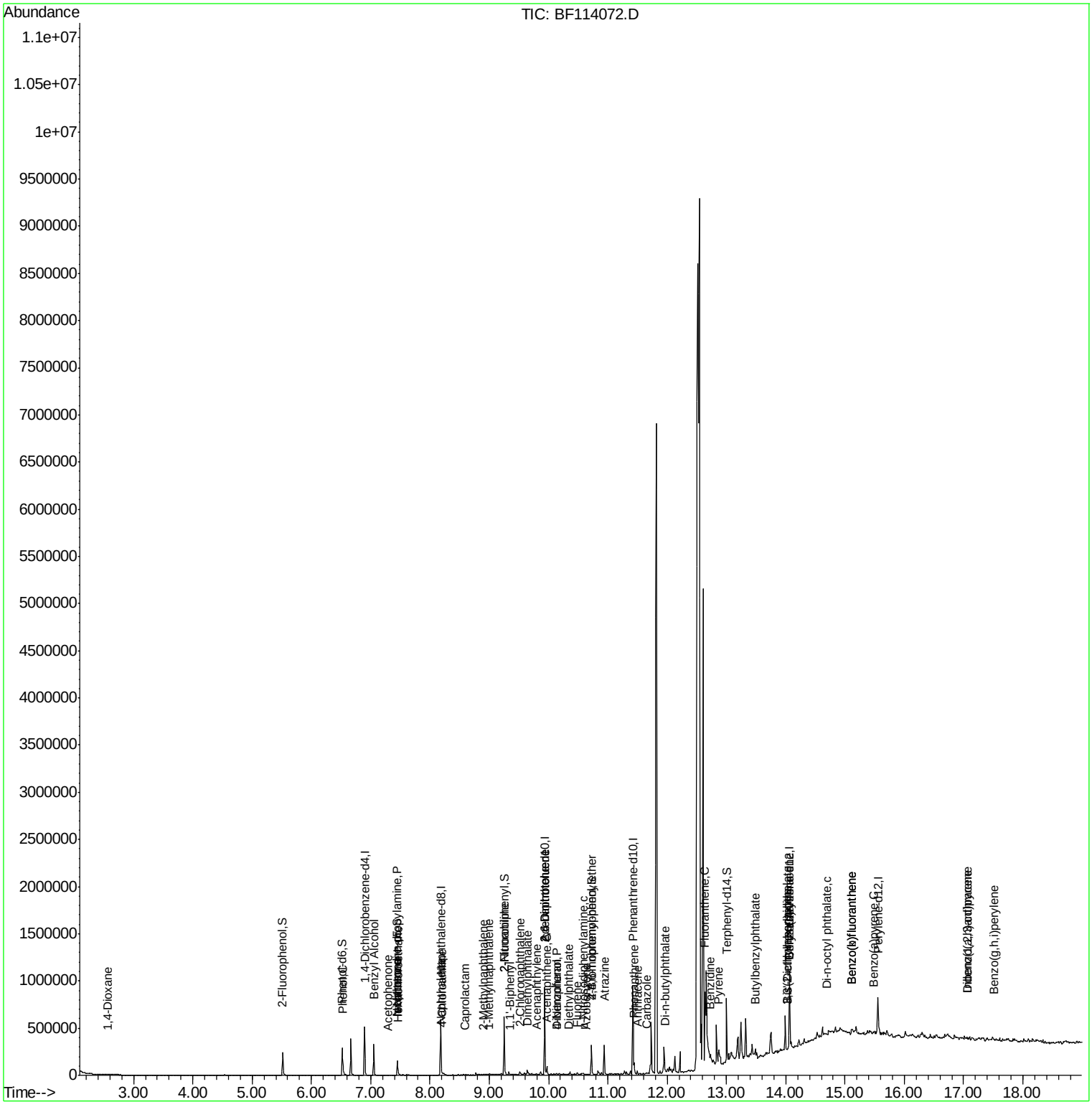
(#) = qualifier out of range (m) = manual integration (+) = signals summed

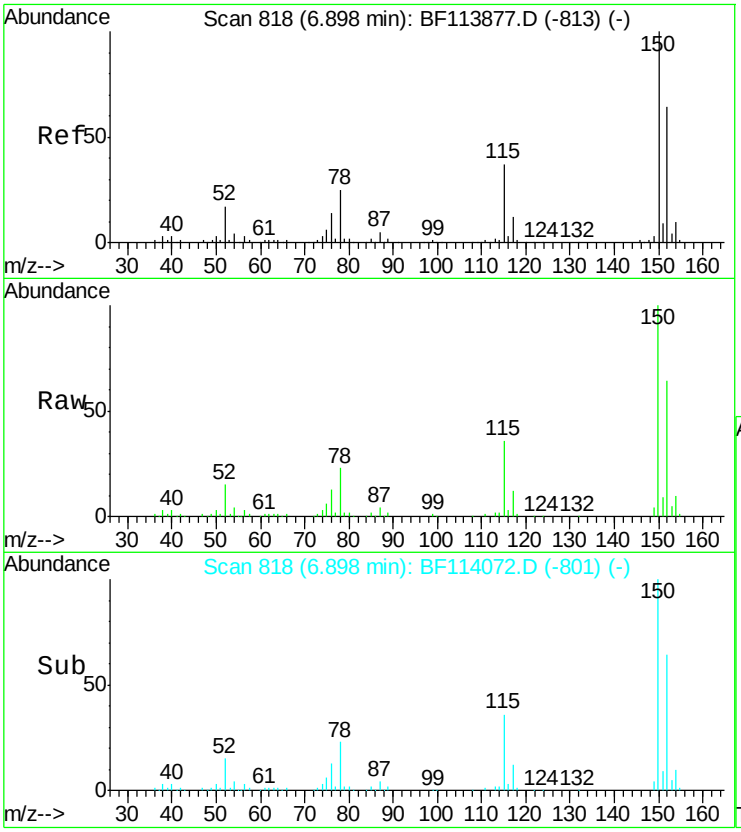
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114072.D
Acq On : 1 May 2019 16:32
Operator : JU/SJ
Sample : K2204-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 01:01:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



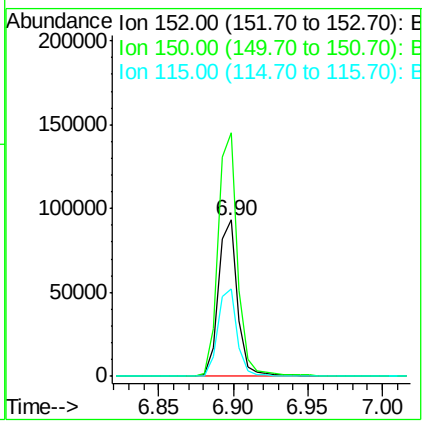


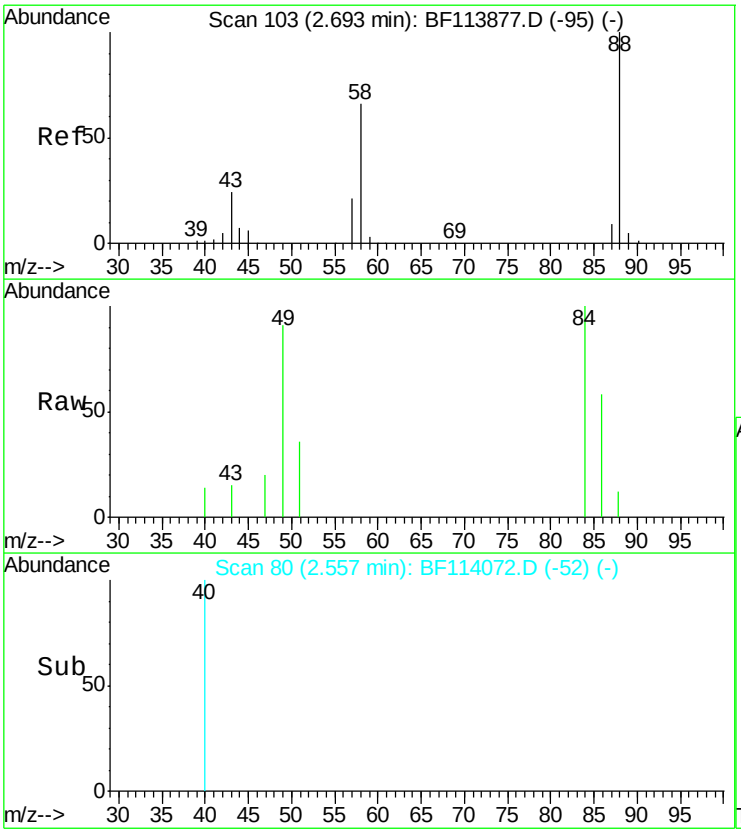
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84594

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	56.1	45.9	68.9

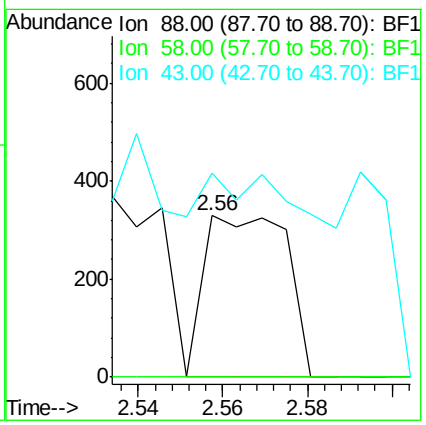


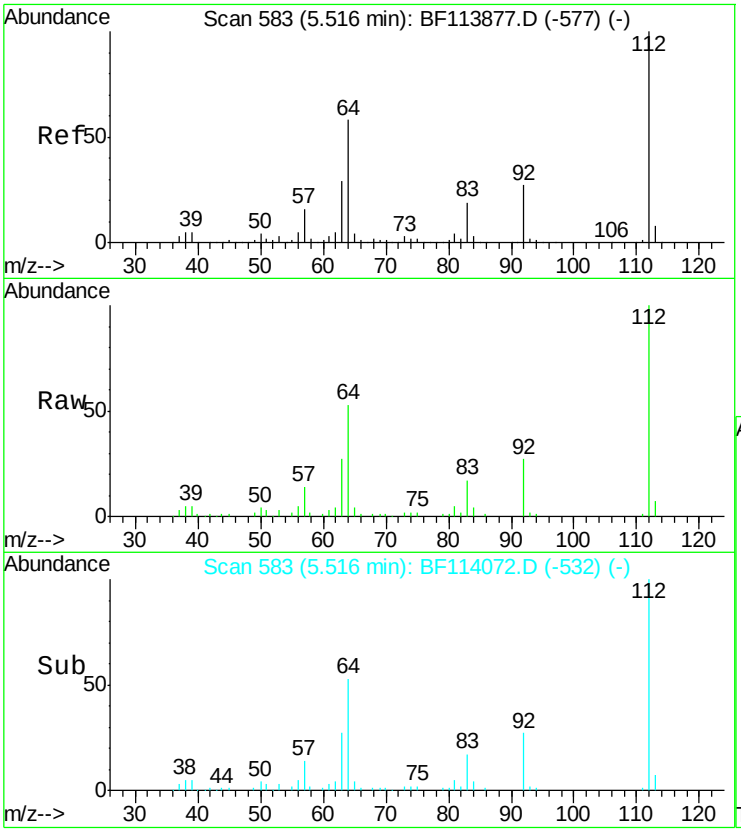


#2
1,4-Dioxane
Concen: 0.191 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.14 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion: 88 Resp: 446

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.3	79.9#
43	0.0	19.0	28.4#



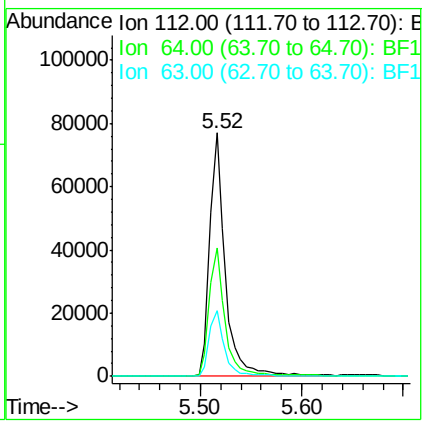


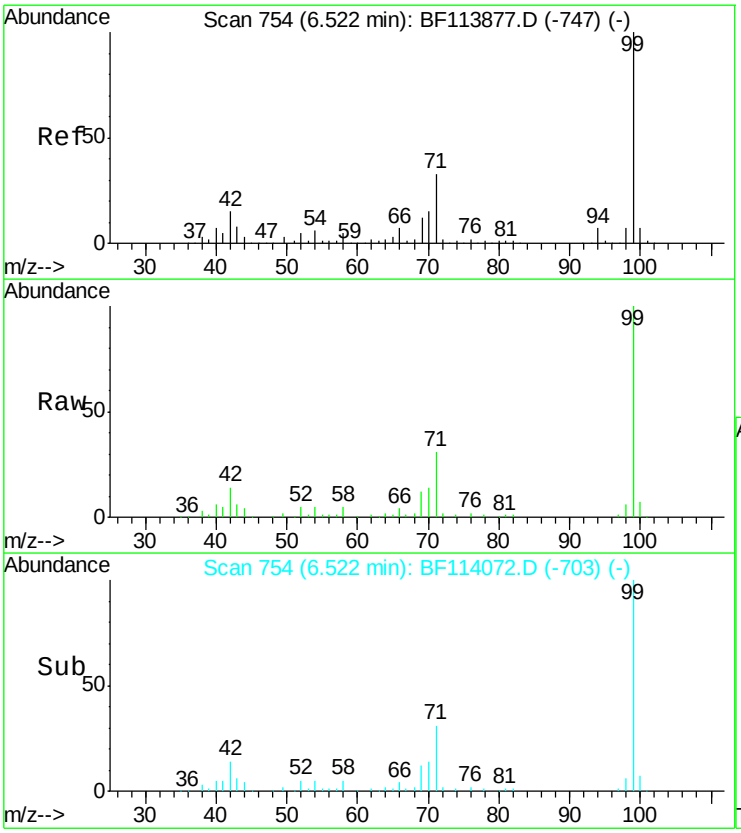
#5
2-Fluorophenol
Concen: 16.824 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 83213

Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.6	69.8
63	26.9	23.1	34.7

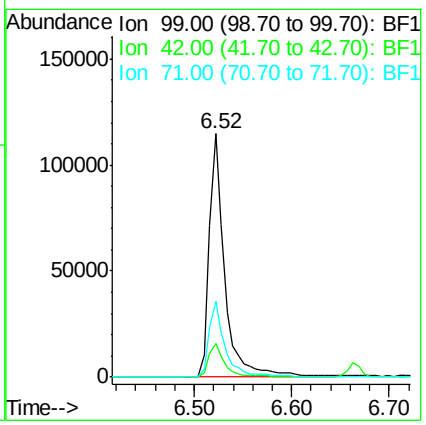


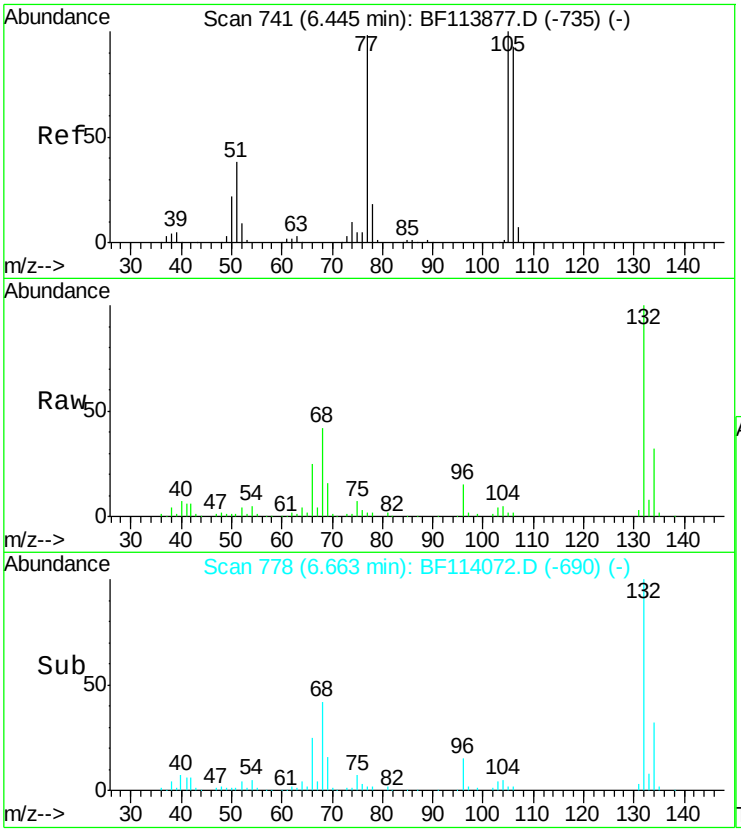


#7
Phenol-d6
Concen: 20.679 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion: 99 Resp: 128321

Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.5	18.7
71	31.4	26.9	40.3



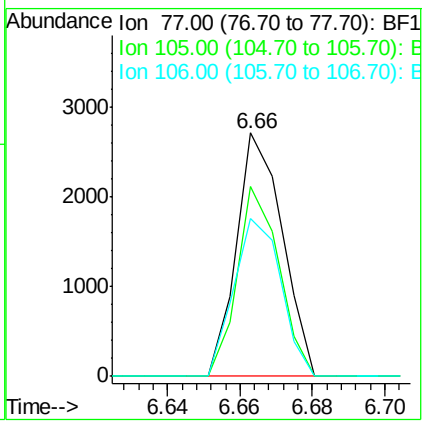


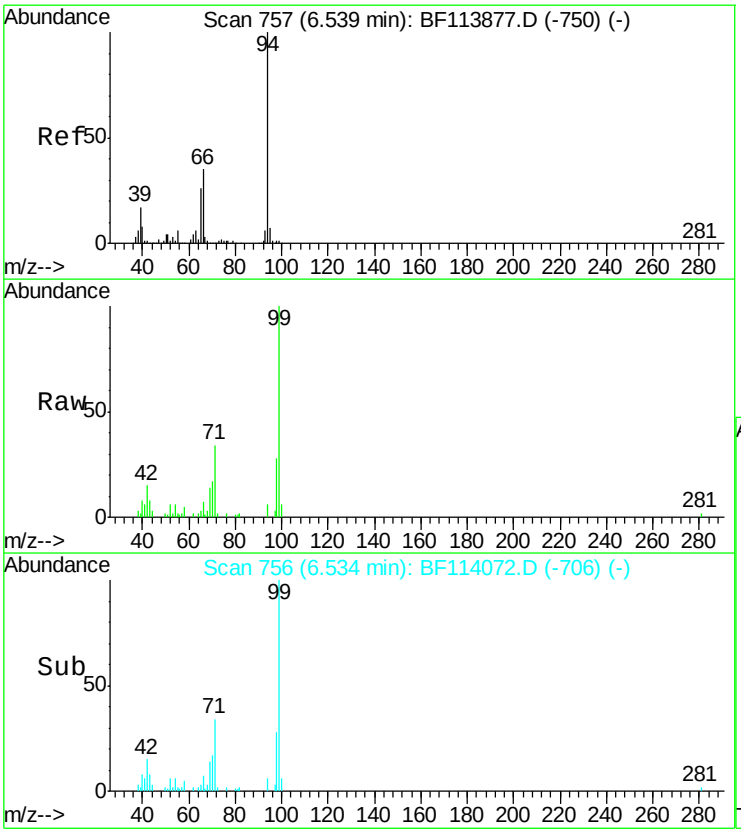
#9
Benzaldehyde
Concen: Below Cal
RT: 6.66 min Scan# 778
Delta R.T. 0.22 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2375

Ion	Ratio	Lower	Upper
77	100		
105	78.2	74.1	114.1
106	65.1	70.3	110.3#

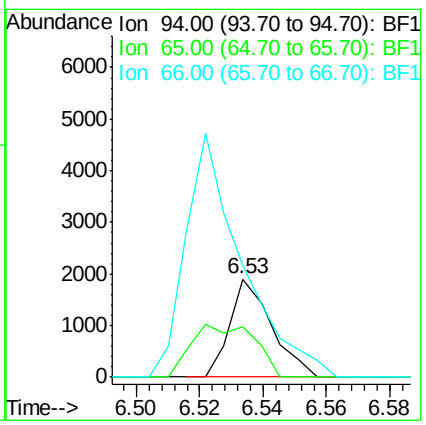


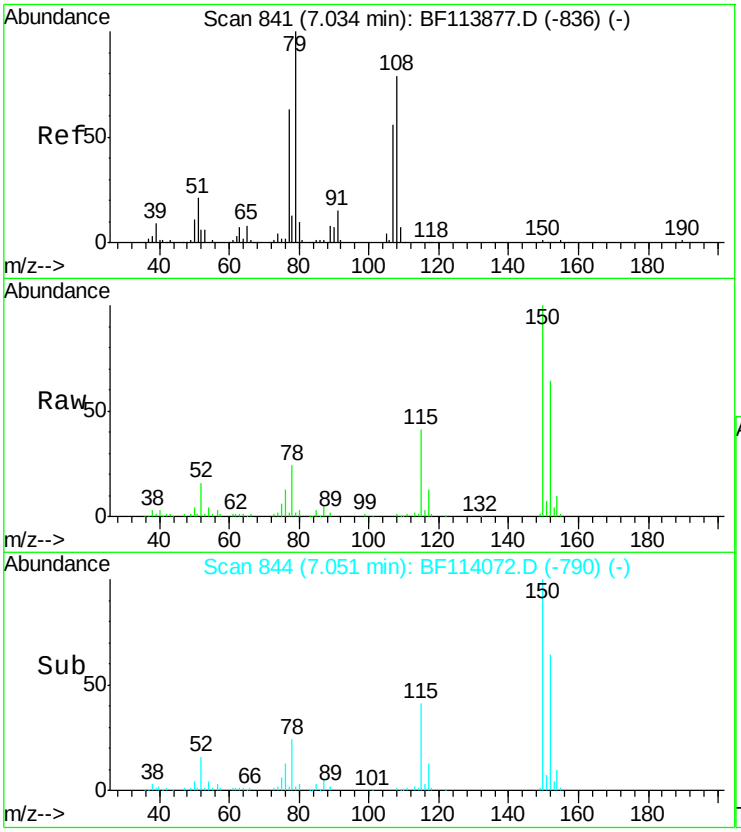


#10
Phenol
Concen: 0.232 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion: 94 Resp: 1724

Ion	Ratio	Lower	Upper
94	100		
65	50.8	8.1	48.1#
66	113.7	16.6	56.6#



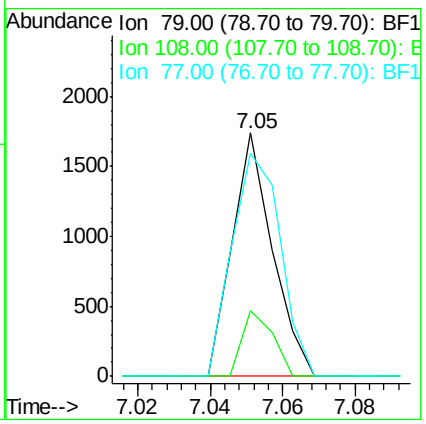


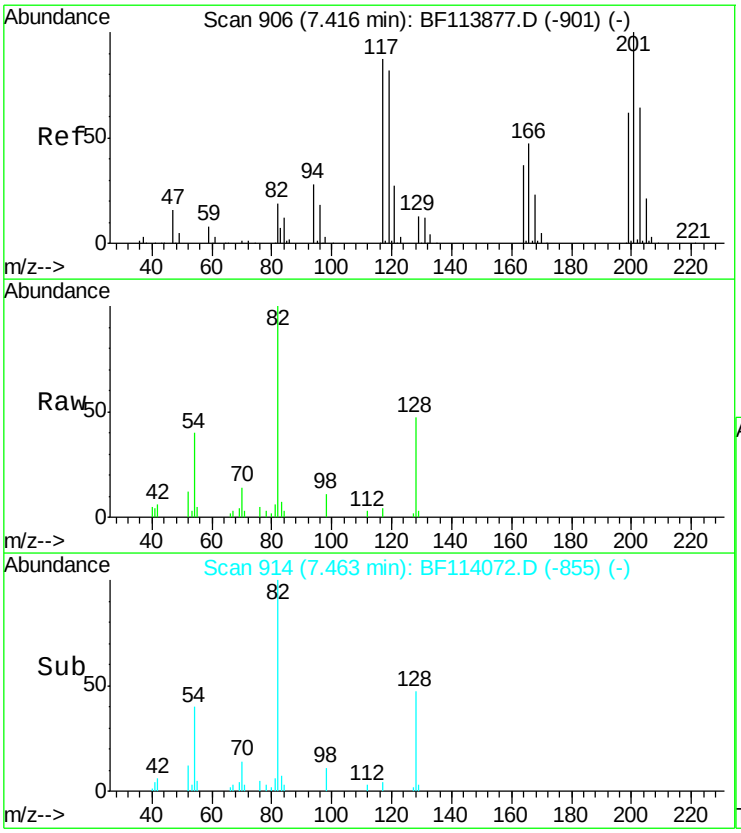
#15
Benzyl Alcohol
Concen: 0.324 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 1354

Ion	Ratio	Lower	Upper
79	100		
108	26.8	61.4	92.0#
77	91.4	51.6	77.4#

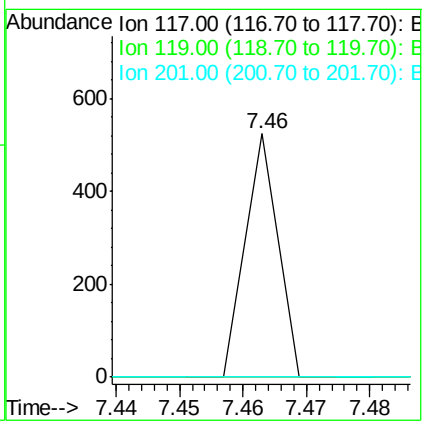


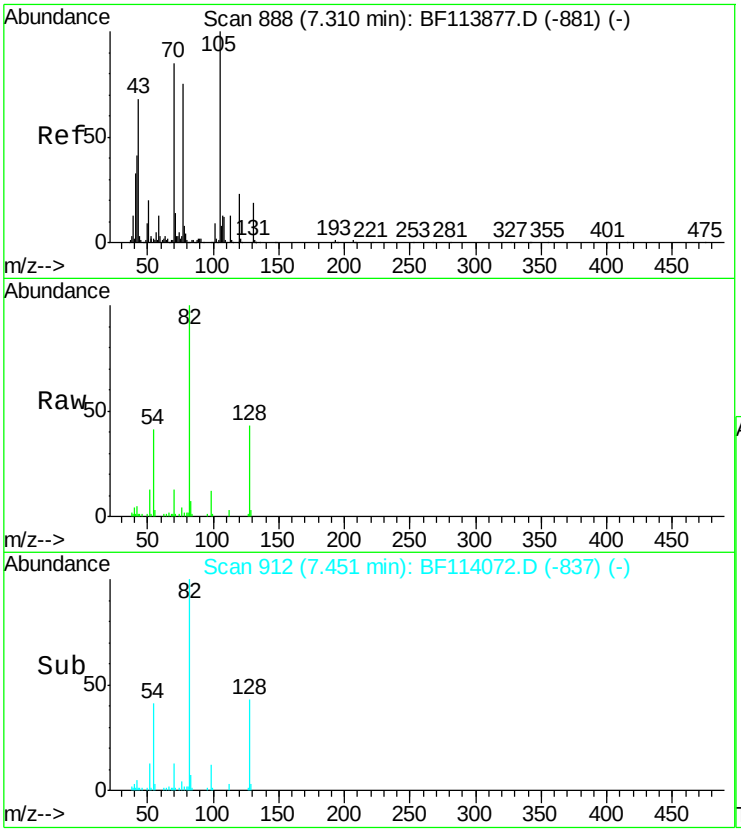


#18
Hexachloroethane
Concen: 0.082 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:117 Resp: 185

Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.4	111.6#
201	0.0	90.2	135.2#



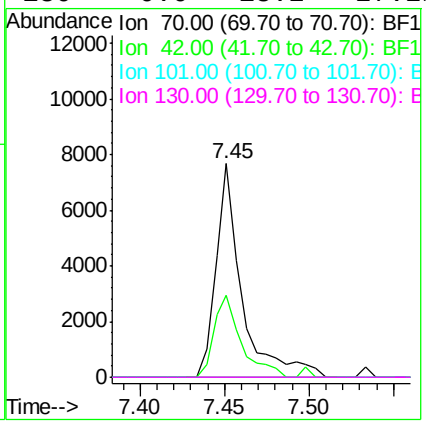


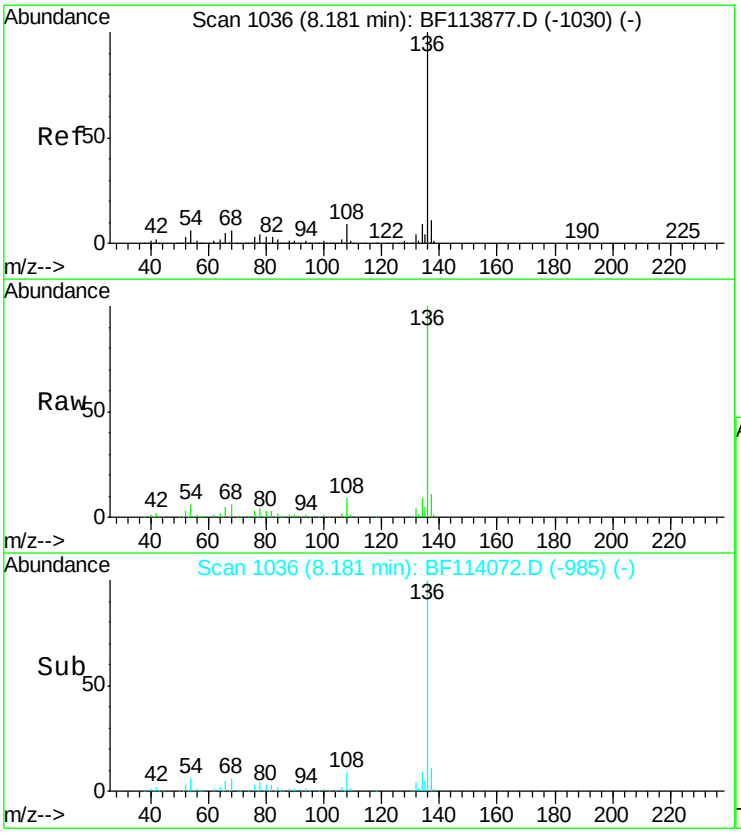
#19
n-Nitroso-di-n-propylamine
Concen: 2.031 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 8162

Ion	Ratio	Lower	Upper
70	100		
42	38.1	37.3	55.9
101	0.0	7.8	11.8#
130	0.0	18.2	27.2#

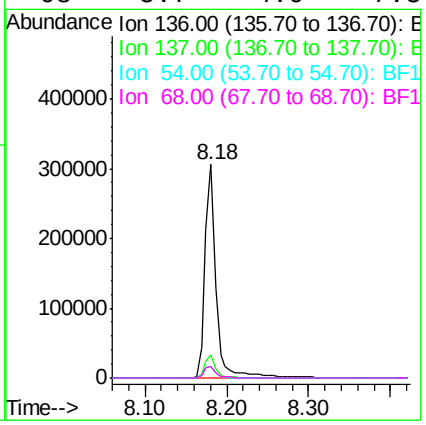


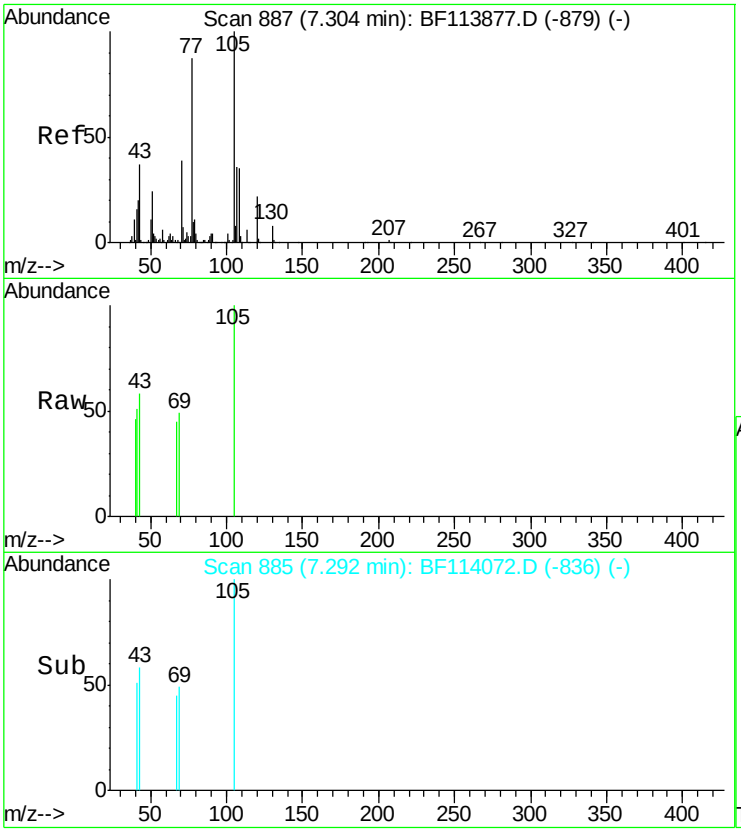


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:136 Resp: 289801

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	5.6	5.0	7.6
68	5.7	4.9	7.3



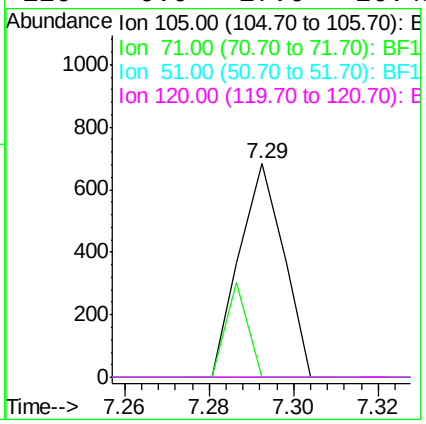


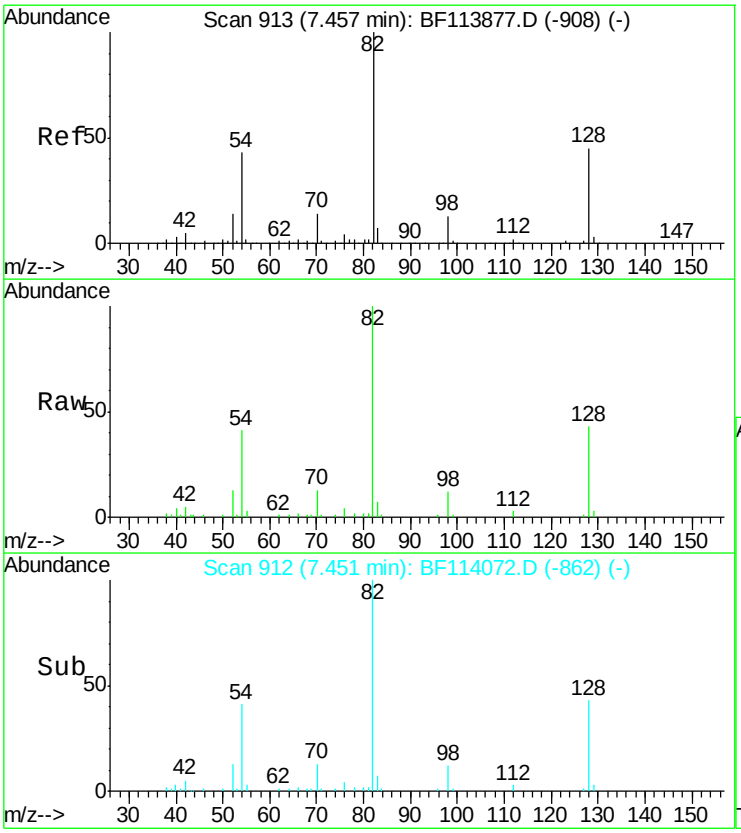
#22
Acetophenone
Concen: 0.078 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 501

Ion	Ratio	Lower	Upper
105	100		
71	0.0	6.1	9.1#
51	0.0	16.8	25.2#
120	0.0	17.6	26.4#

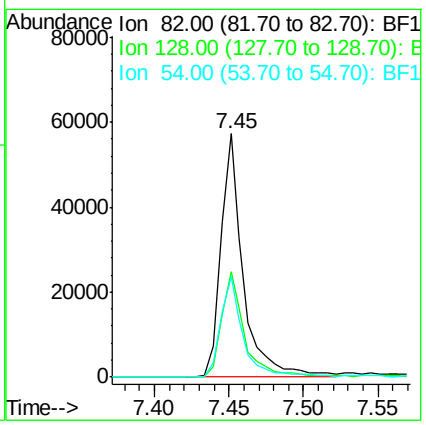


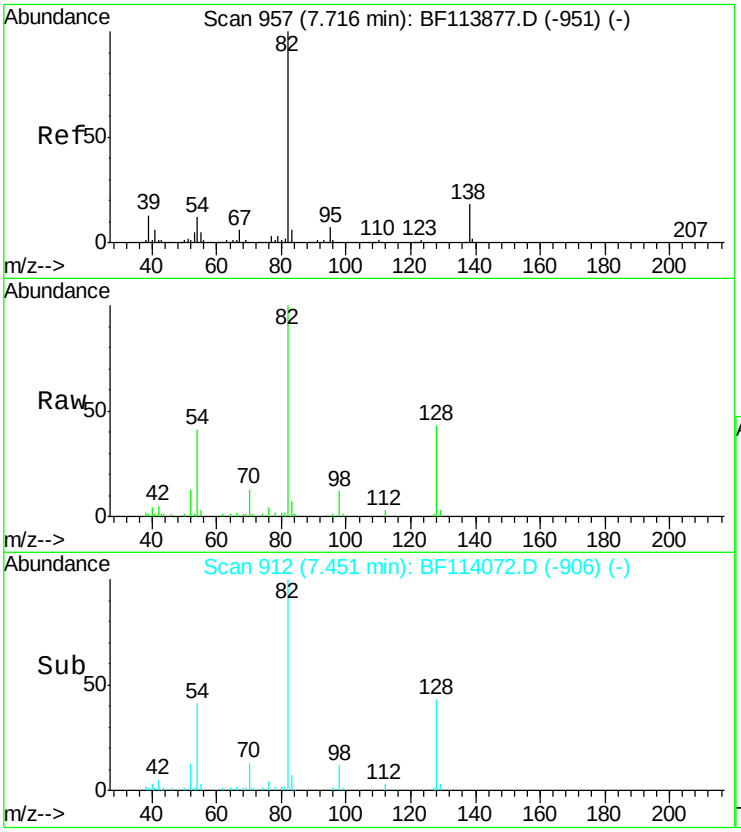


#23
Nitrobenzene-d5
Concen: 12.894 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion: 82 Resp: 60520

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.8	55.2
54	41.1	33.8	50.6



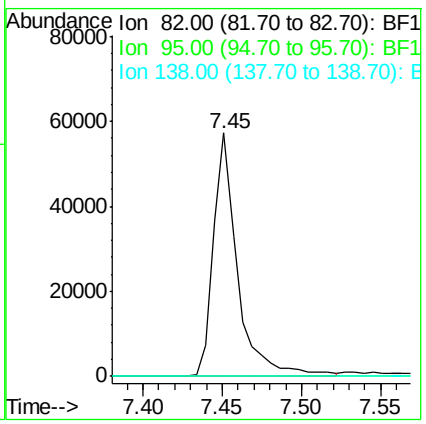


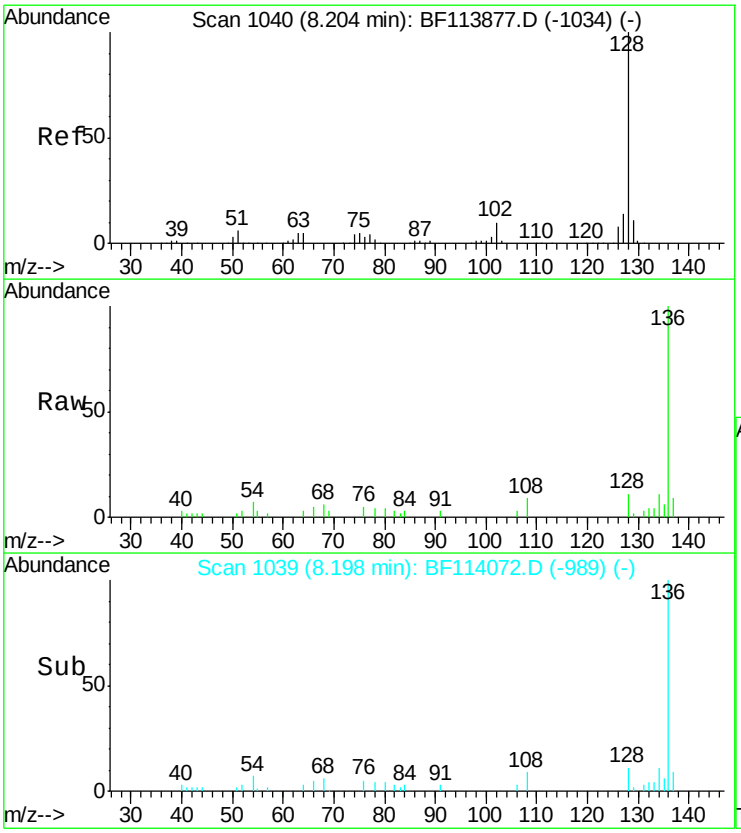
#25
Isophorone
Concen: 6.302 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 60520

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

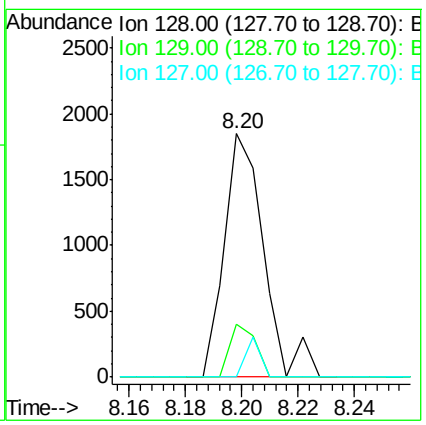


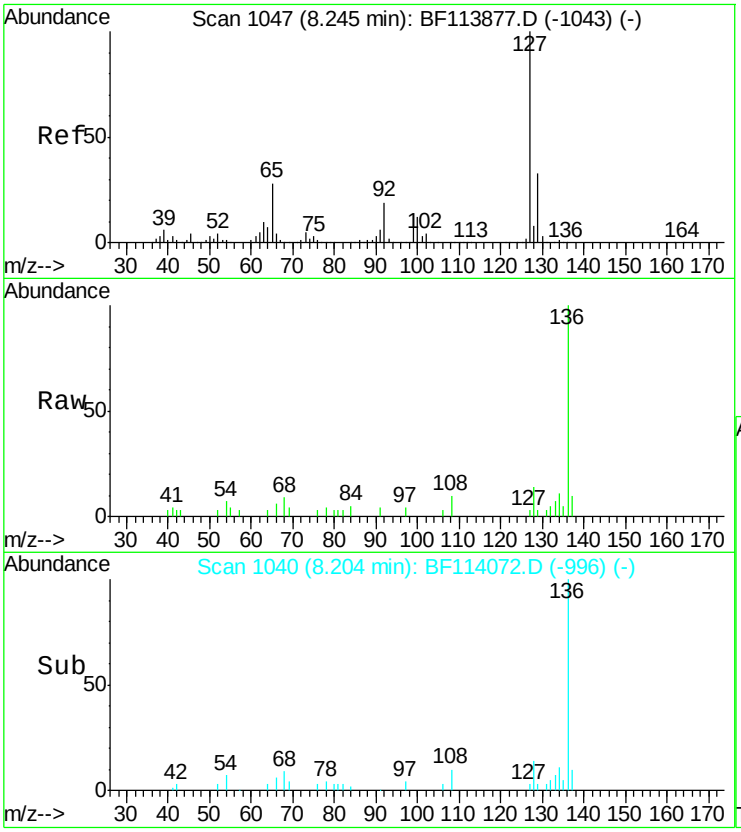


#31
Naphthalene
Concen: 0.130 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:128 Resp: 1784

Ion	Ratio	Lower	Upper
128	100		
129	21.7	9.4	14.0#
127	0.0	10.8	16.2#



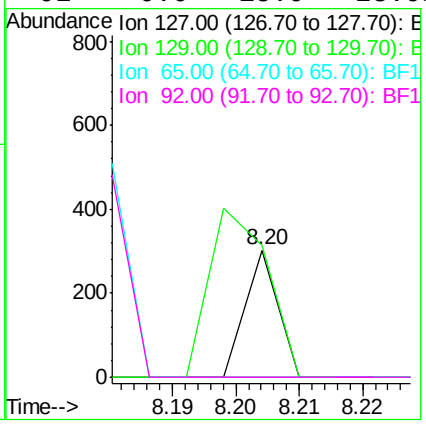


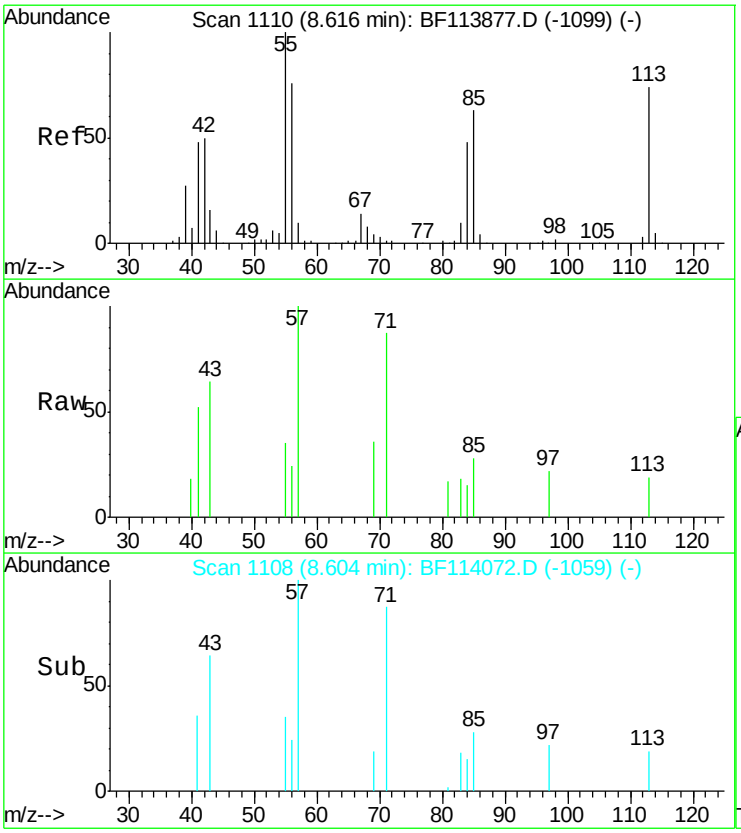
#33
4-Chloroaniline
Concen: 0.018 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.04 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 107

Ion	Ratio	Lower	Upper
127	100		
129	103.3	26.4	39.6#
65	0.0	24.9	37.3#
92	0.0	15.9	23.9#

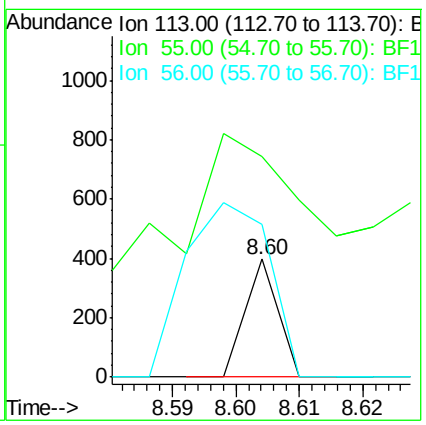


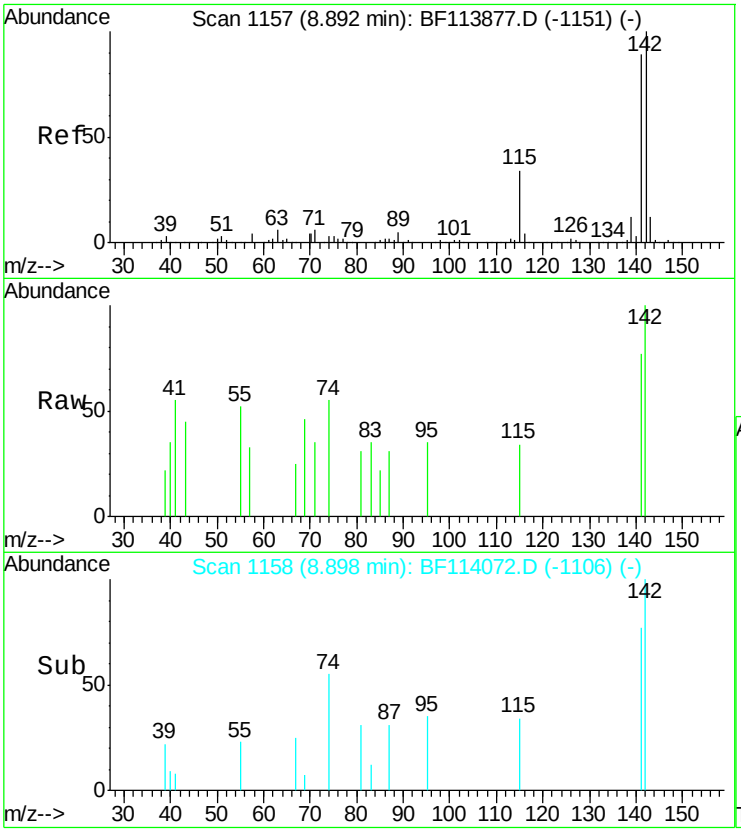


#35
Caprolactam
Concen: 0.100 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:113 Resp: 140

Ion	Ratio	Lower	Upper
113	100		
55	186.9	128.6	168.6#
56	129.2	91.9	131.9



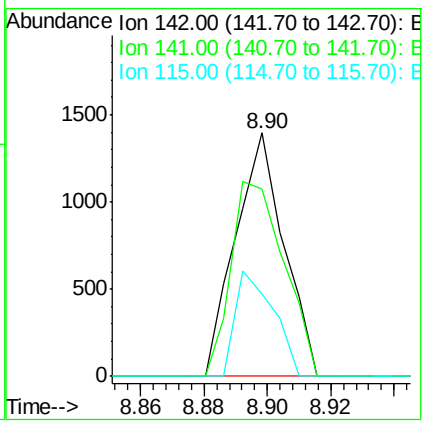


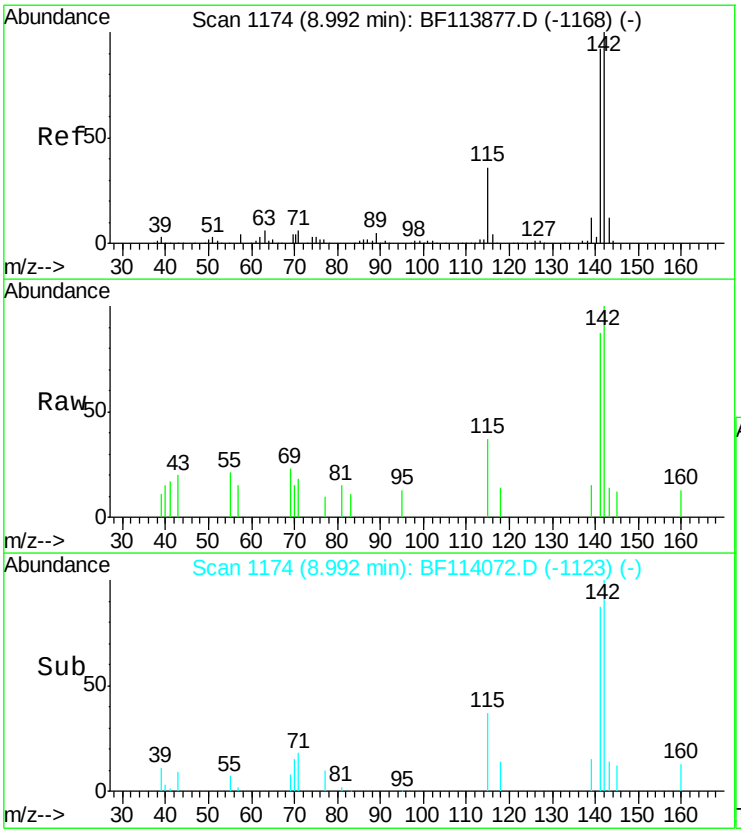
#37
2-Methylnaphthalene
Concen: 0.159 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1476

Ion	Ratio	Lower	Upper
142	100		
141	77.1	70.4	105.6
115	33.9	26.3	39.5

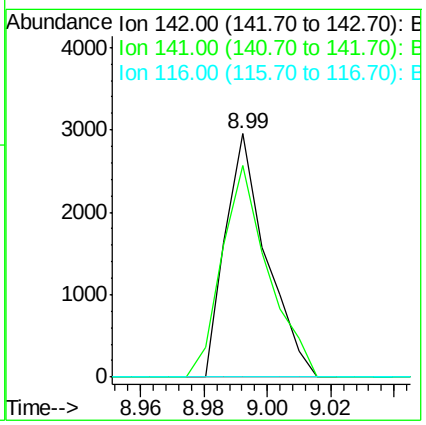


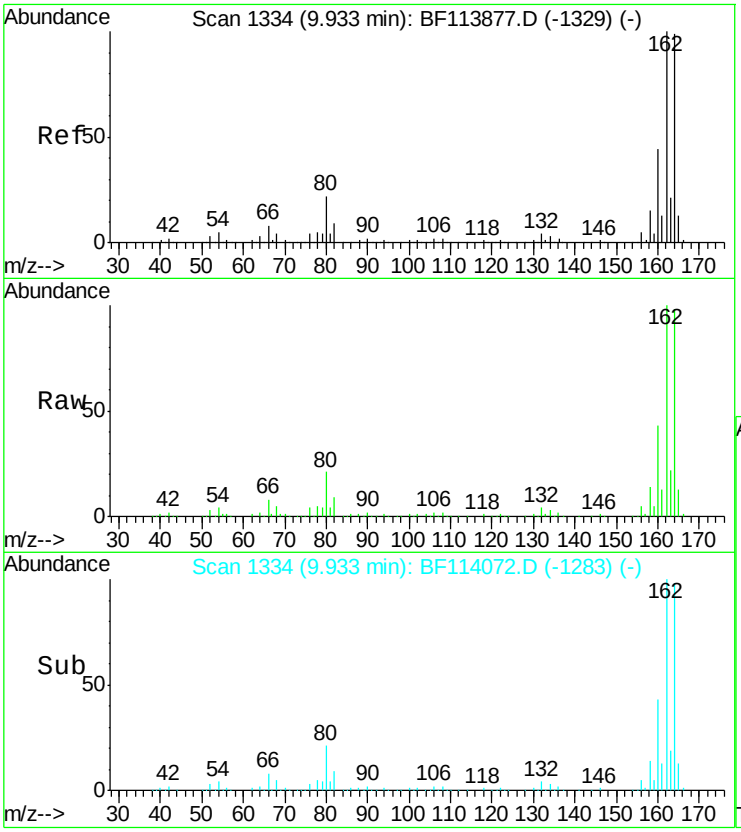


#38
1-Methylnaphthalene
Concen: 0.294 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:142 Resp: 2638

Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.3	108.5
116	0.0	3.0	4.4#



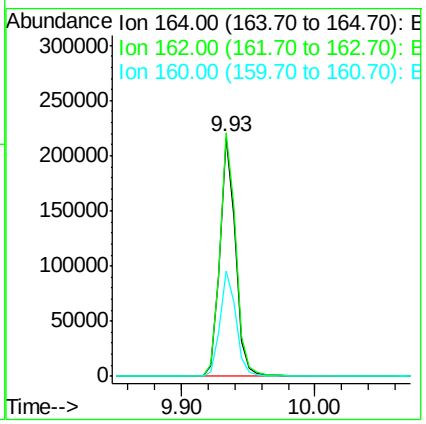


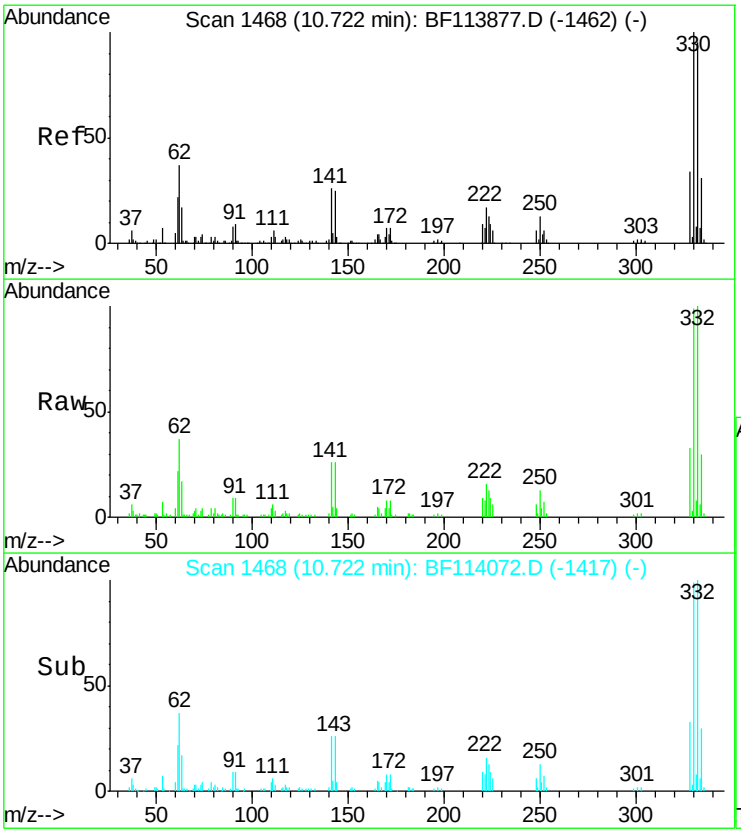
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 180686

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.1	121.7
160	43.9	35.8	53.6

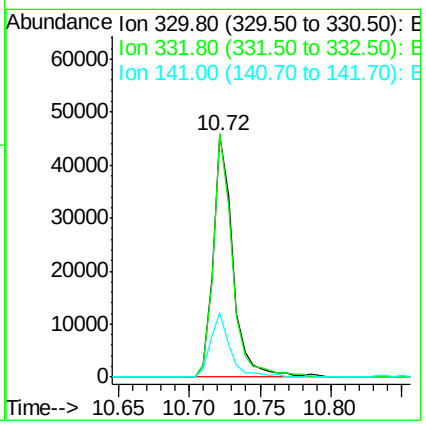


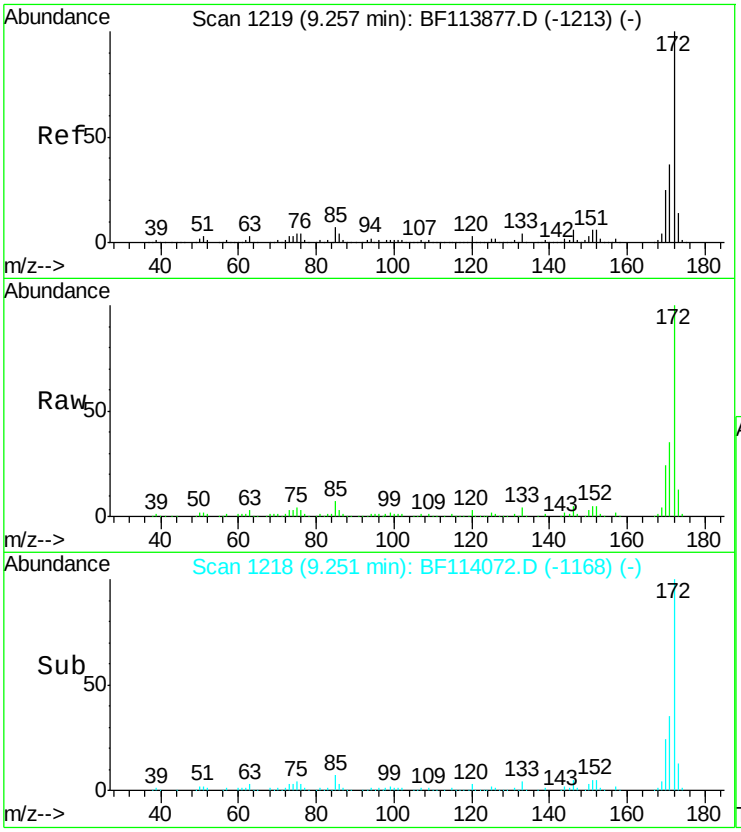


#42
2,4,6-Tribromophenol
Concen: 20.095 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:330 Resp: 44232

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	26.1	22.2	33.2



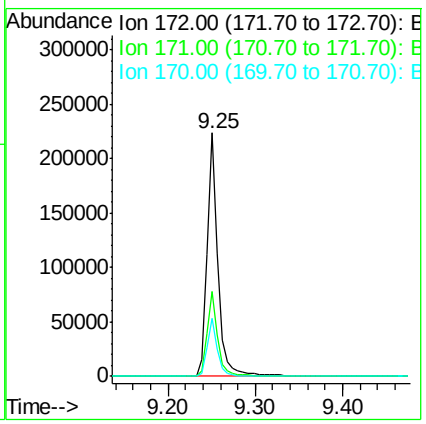


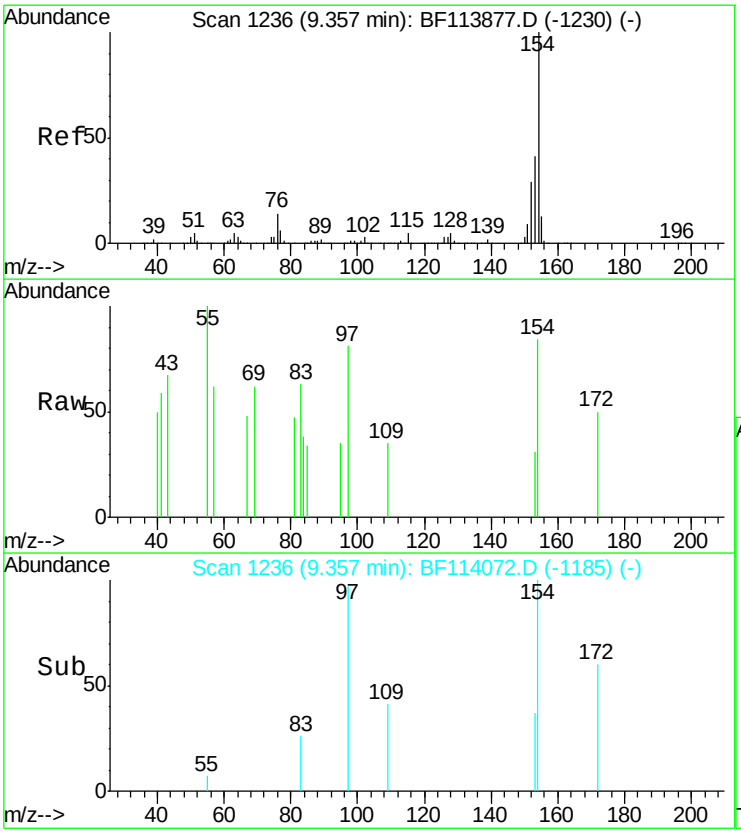
#45
2-Fluorobiphenyl
Concen: 16.638 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 192214

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	23.7	19.9	29.9

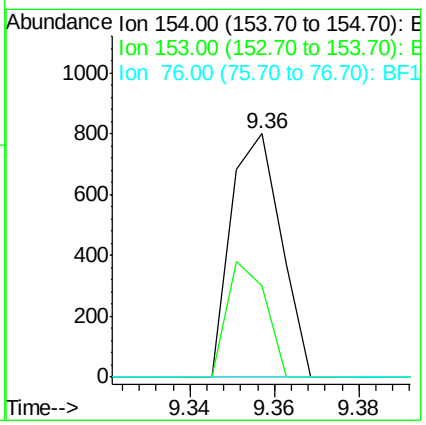


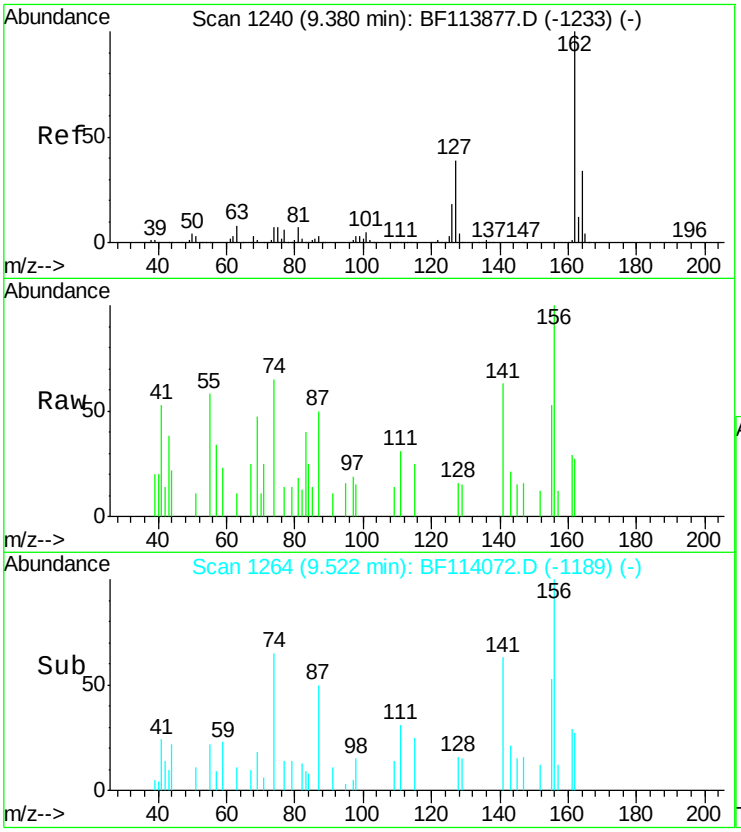


#46
1,1'-Biphenyl
Concen: 0.047 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:154 Resp: 655

Ion	Ratio	Lower	Upper
154	100		
153	37.5	20.8	60.8
76	0.0	0.0	35.2



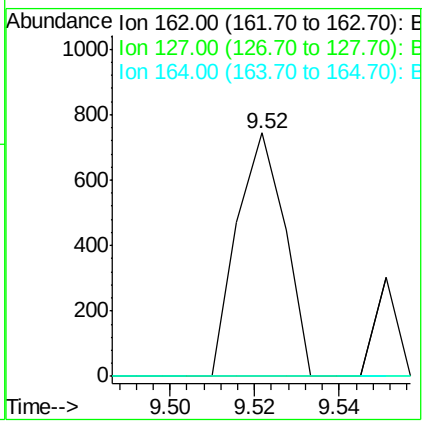


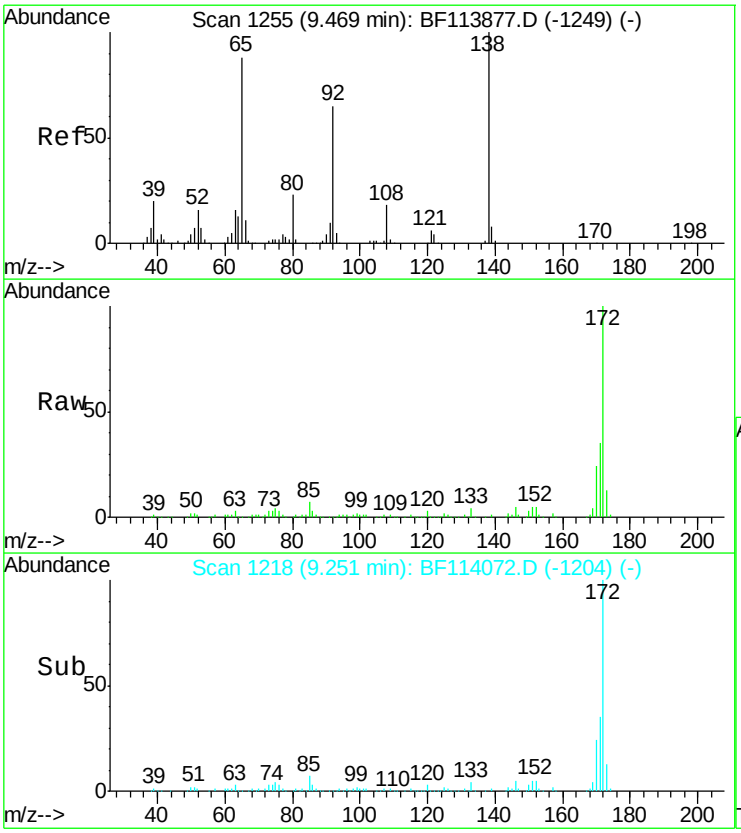
#47
2-Chloronaphthalene
Concen: 0.052 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.14 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 588

Ion	Ratio	Lower	Upper
162	100		
127	0.0	29.3	43.9#
164	0.0	27.1	40.7#

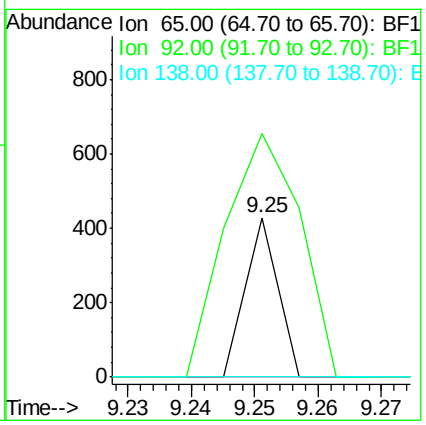


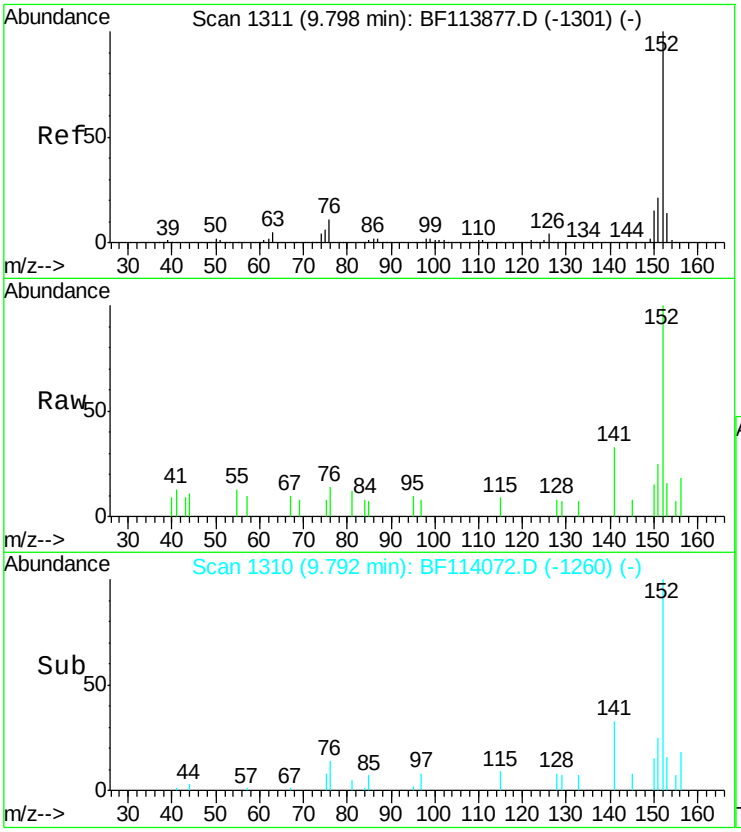


#48
2-Nitroaniline
Concen: 0.051 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.22 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion: 65 Resp: 151

Ion	Ratio	Lower	Upper
65	100		
92	153.0	57.4	86.0#
138	0.0	85.4	128.0#



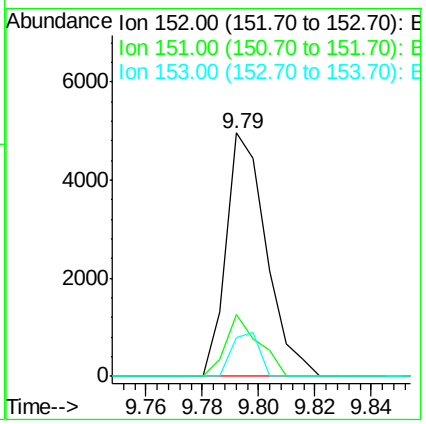


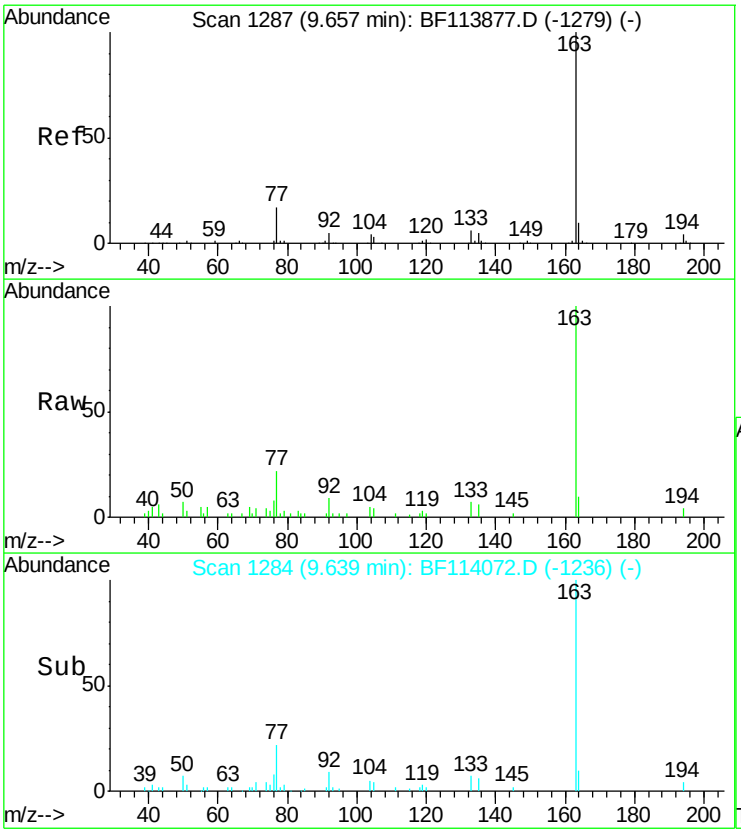
#49
Acenaphthylene
Concen: 0.279 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 4898

Ion	Ratio	Lower	Upper
152	100		
151	25.3	17.0	25.4
153	16.0	11.0	16.6

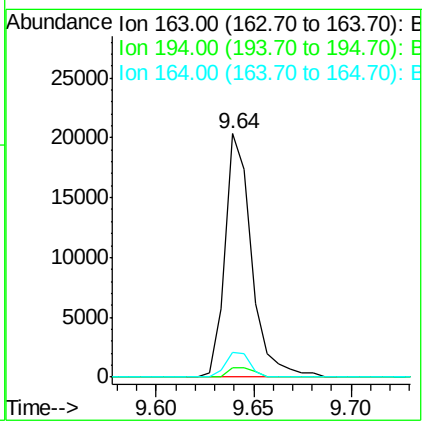


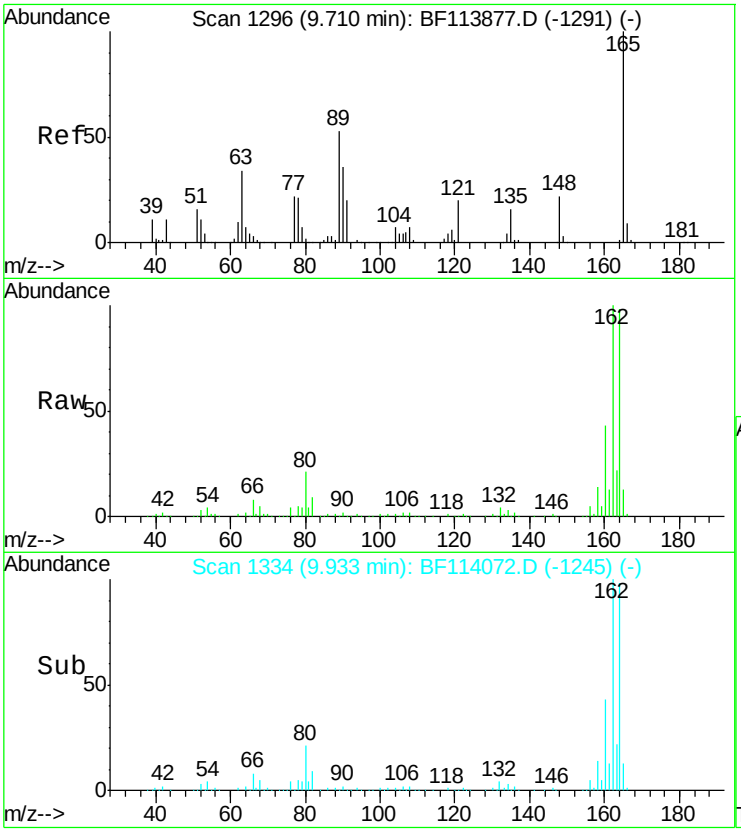


#50
Dimethylphthalate
Concen: 1.469 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:163 Resp: 19200

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	8.5	12.7



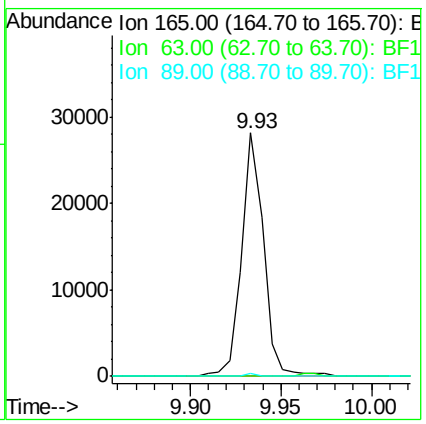


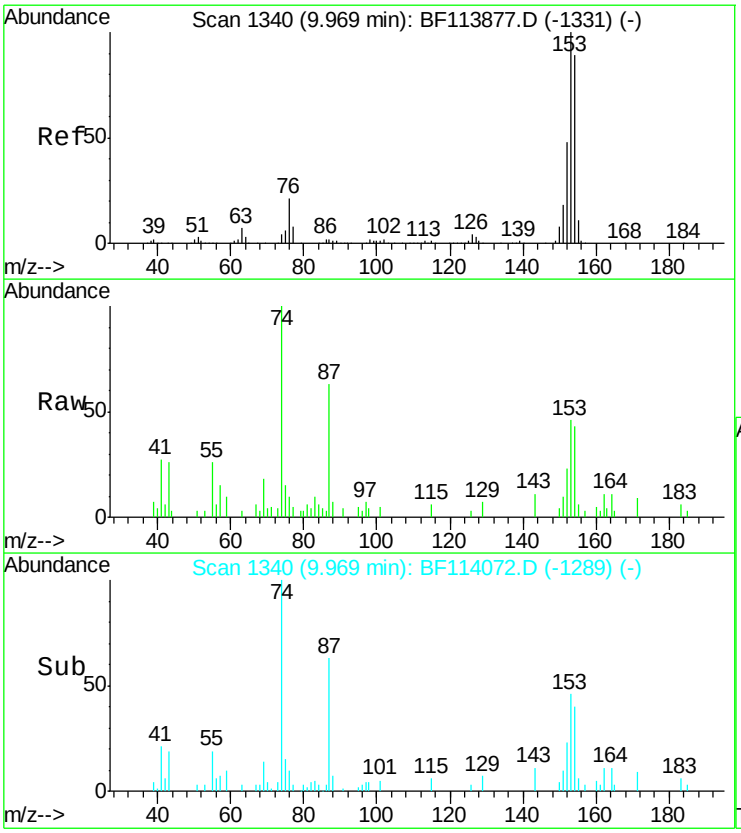
#51
2,6-Dinitrotoluene
Concen: 8.451 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23693

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	1.3	38.2	57.2#

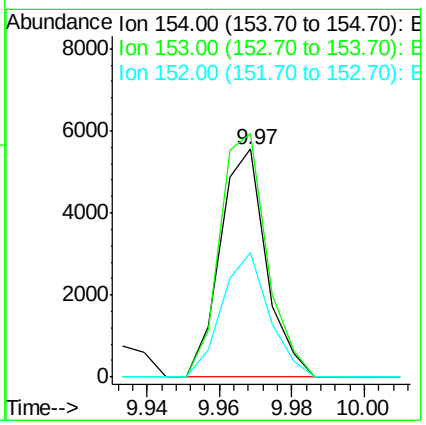


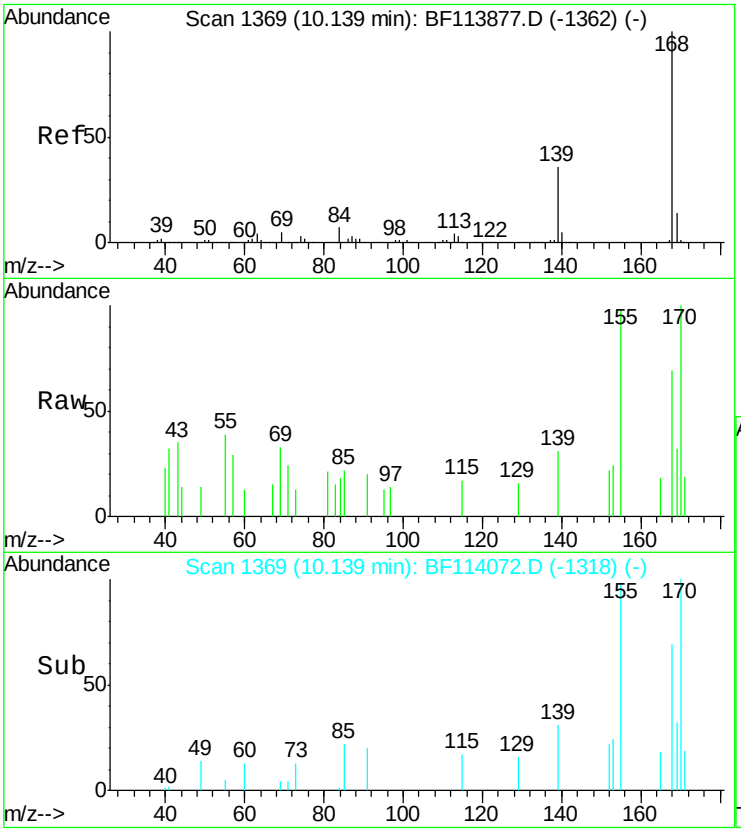


#52
Acenaphthene
Concen: 0.473 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:154 Resp: 4913

Ion	Ratio	Lower	Upper
154	100		
153	106.7	87.2	130.8
152	54.4	42.3	63.5



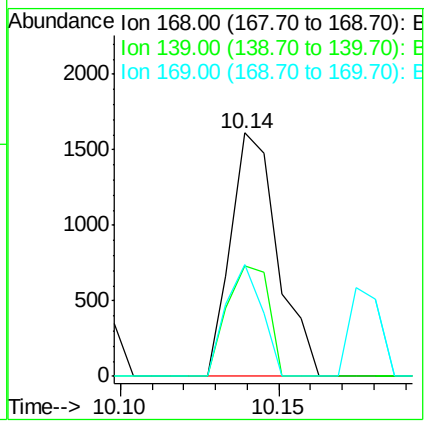


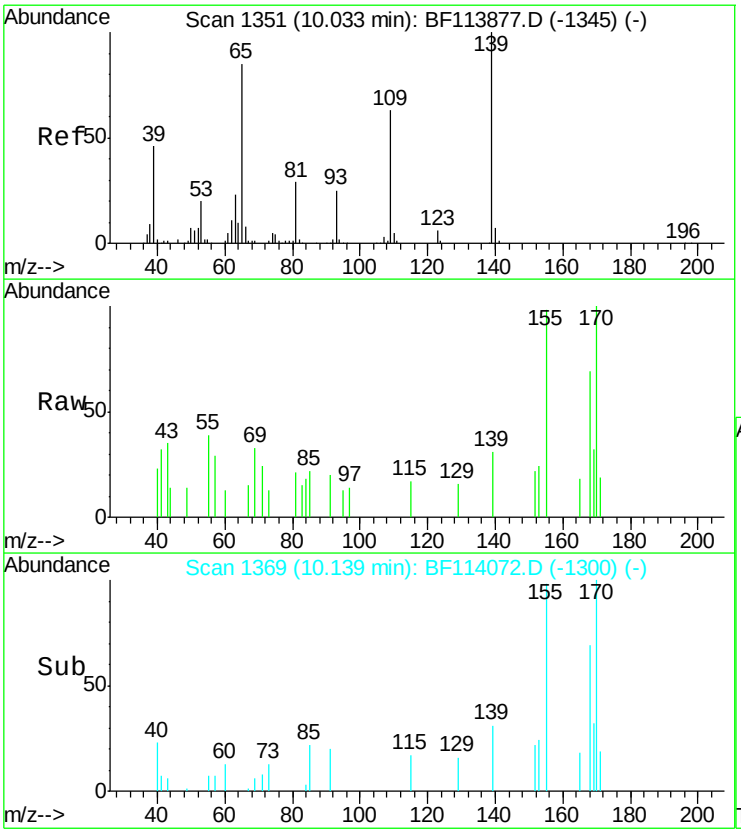
#55
Dibenzofuran
Concen: 0.106 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 1653

Ion	Ratio	Lower	Upper
168	100		
139	45.6	27.8	41.6#
169	45.9	11.0	16.6#

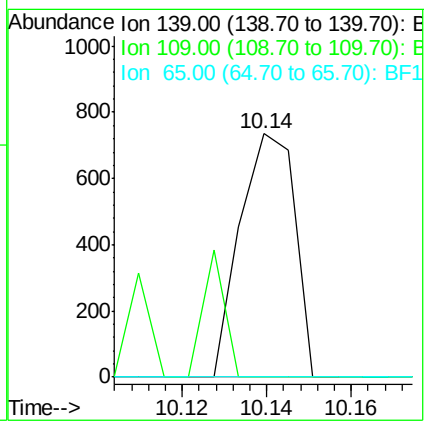


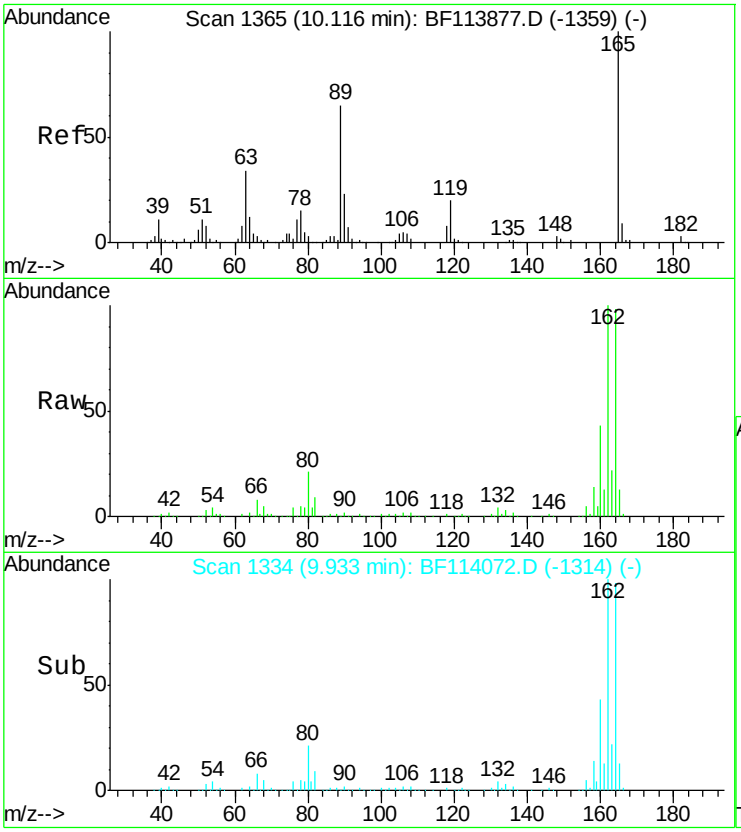


#56
4-Nitrophenol
Concen: 0.284 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:139 Resp: 662

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.9	82.9#
65	0.0	64.4	104.4#



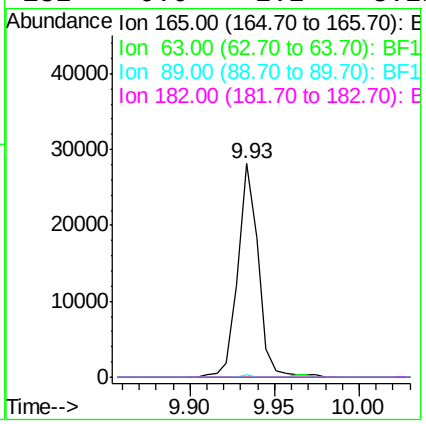


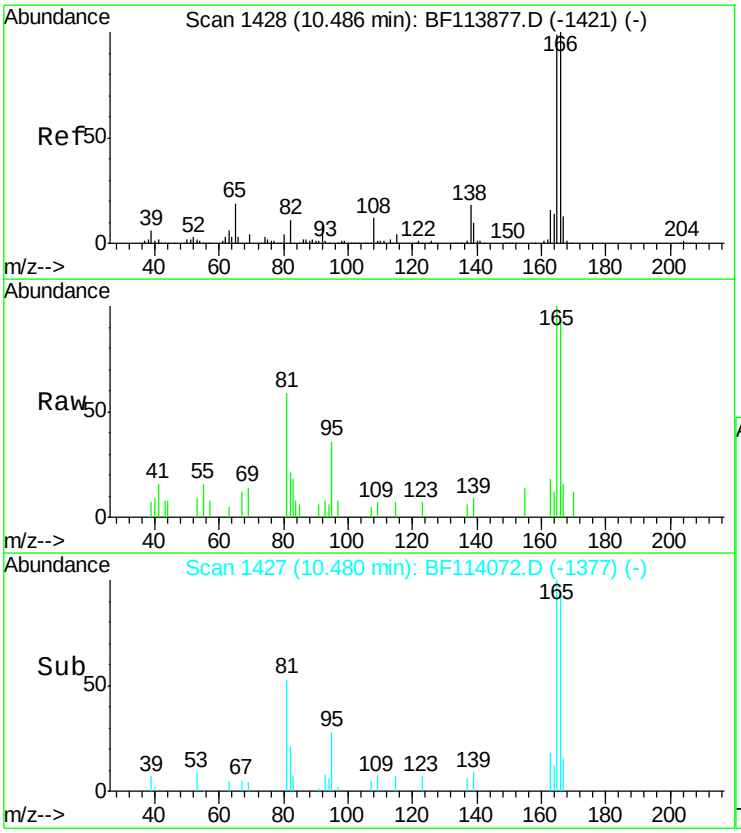
#57
2,4-Dinitrotoluene
Concen: 6.694 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23689

Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.4	41.0#
89	1.3	51.8	77.6#
182	0.0	2.2	3.2#

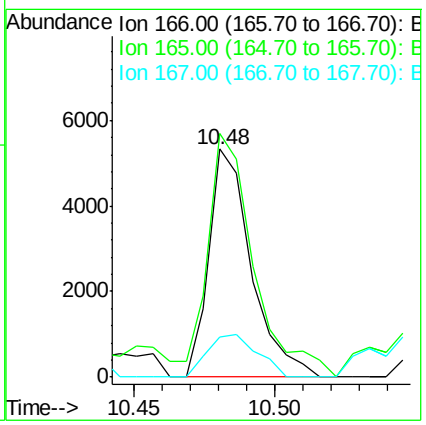


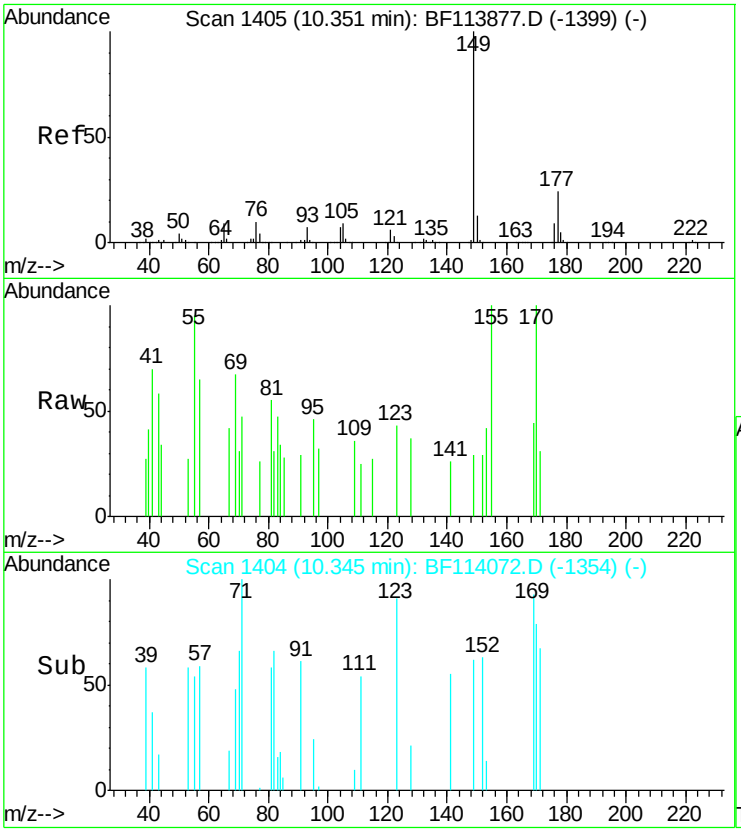


#58
Fluorene
Concen: 0.474 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:166 Resp: 5548

Ion	Ratio	Lower	Upper
166	100		
165	107.0	78.4	117.6
167	17.5	10.9	16.3#



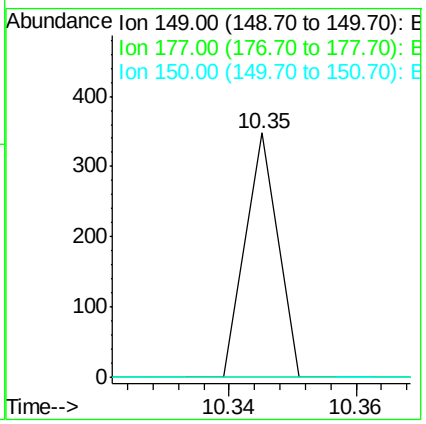


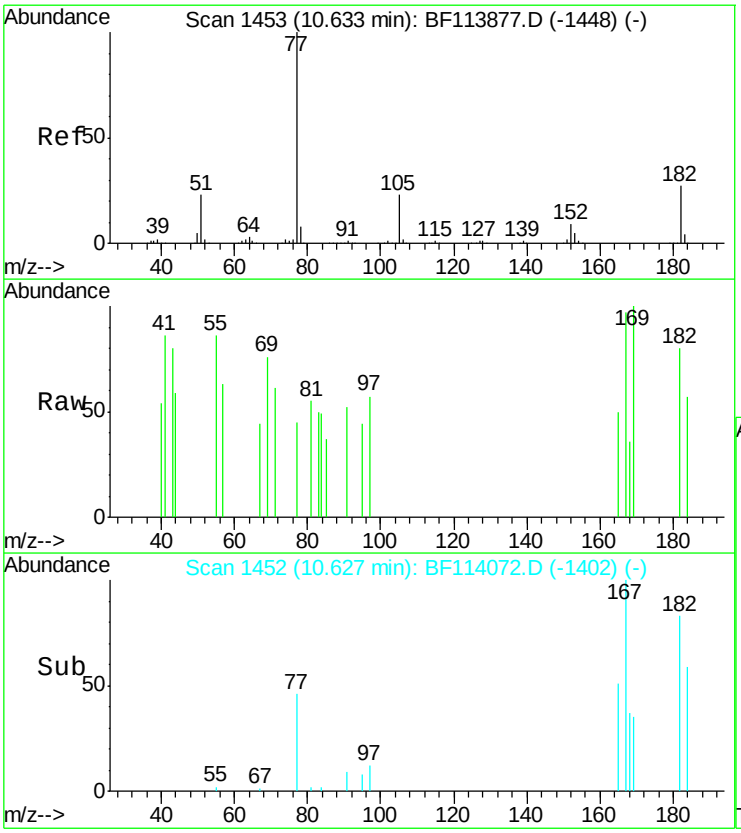
#60
Diethylphthalate
Concen: 0.010 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 123

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.2	28.8#
150	0.0	10.3	15.5#

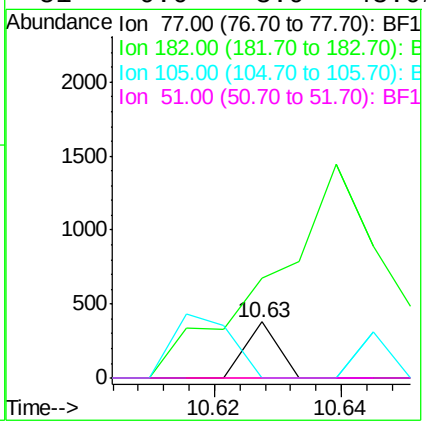


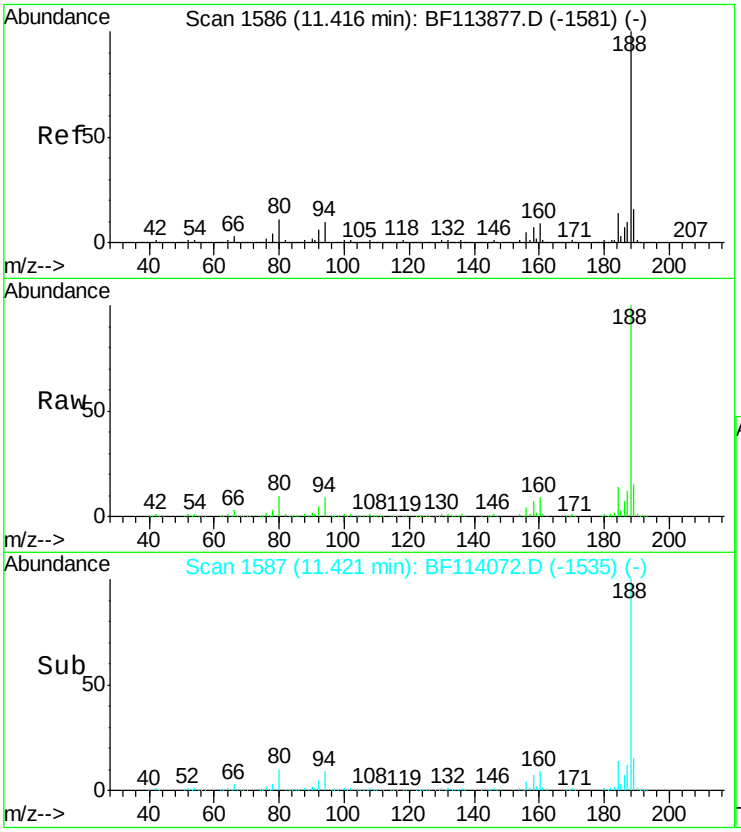


#63
Azobenzene
Concen: 0.011 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion: 77 Resp: 133

Ion	Ratio	Lower	Upper
77	100		
182	179.8	4.4	44.4#
105	0.0	2.2	42.2#
51	0.0	3.9	43.9#



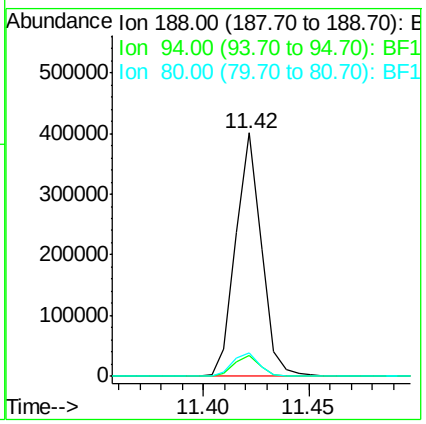


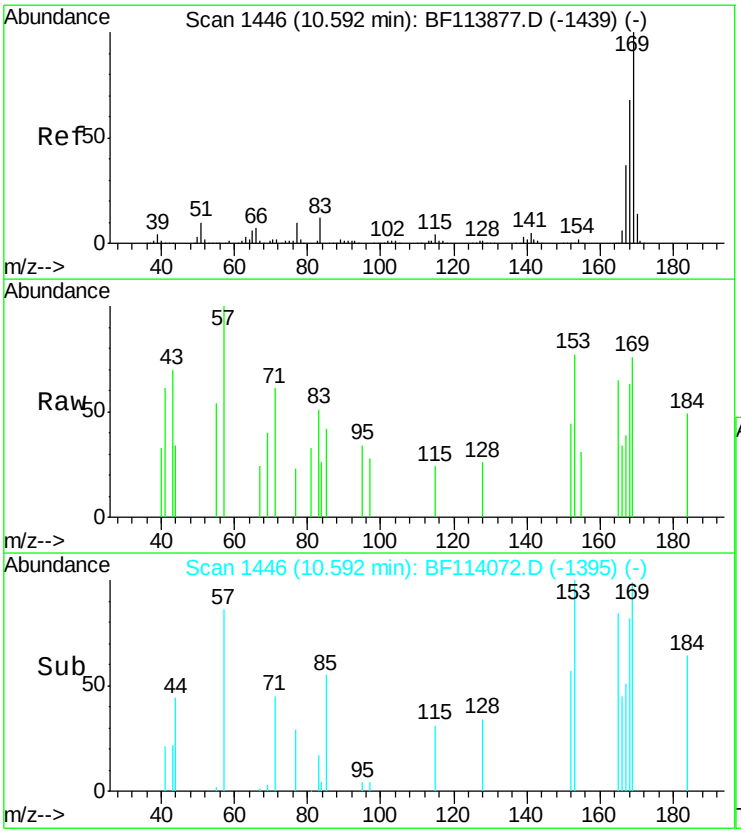
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 335932

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	9.8	9.0	13.6

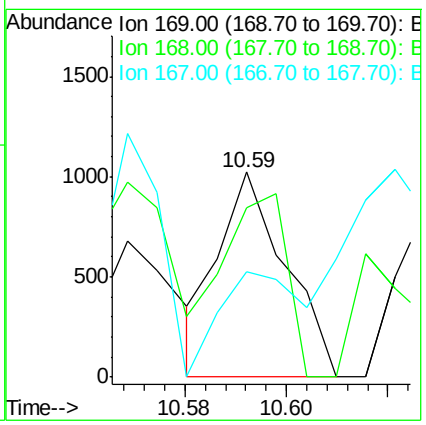


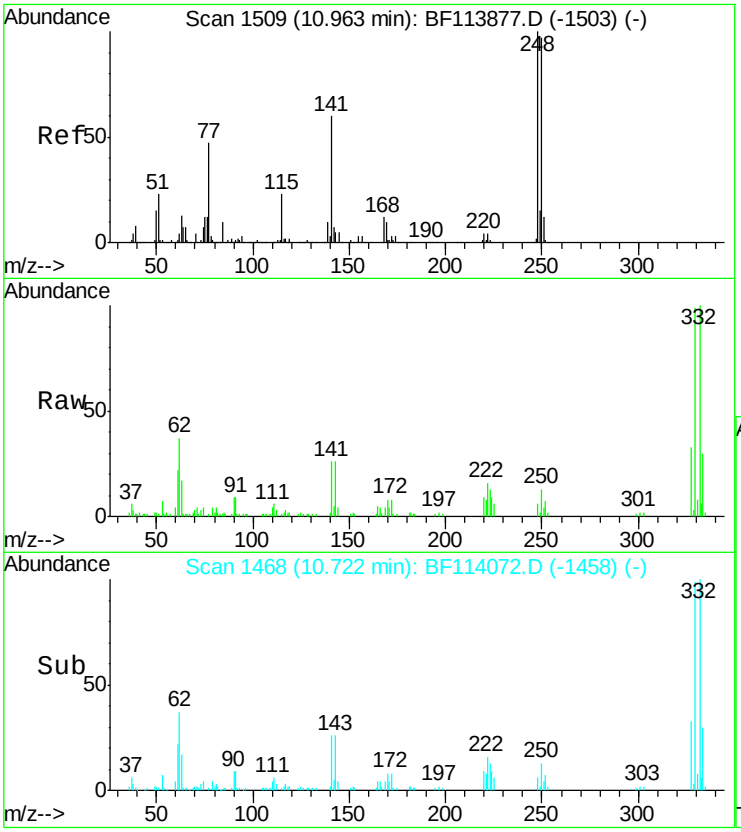


#66
n-Nitrosodiphenylamine
Concen: 0.093 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:169 Resp: 935

Ion	Ratio	Lower	Upper
169	100		
168	83.0	54.3	81.5#
167	51.8	29.4	44.0#



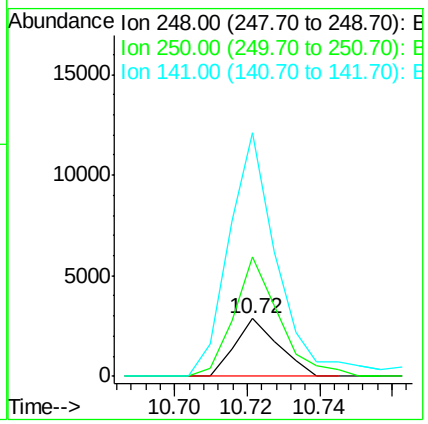


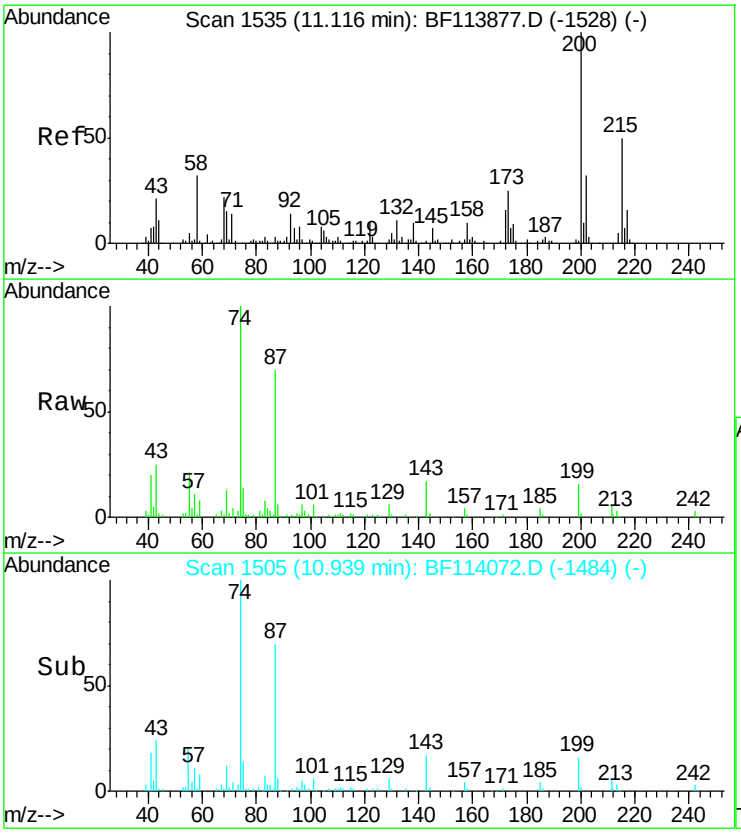
#67
4-Bromophenyl-phenylether
Concen: 0.590 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 2393

Ion	Ratio	Lower	Upper
248	100		
250	191.7	75.8	113.6#
141	302.1	50.2	75.4#

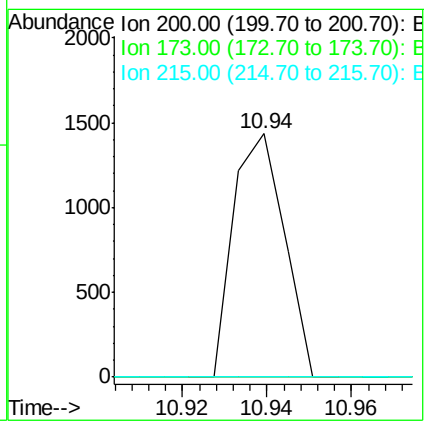


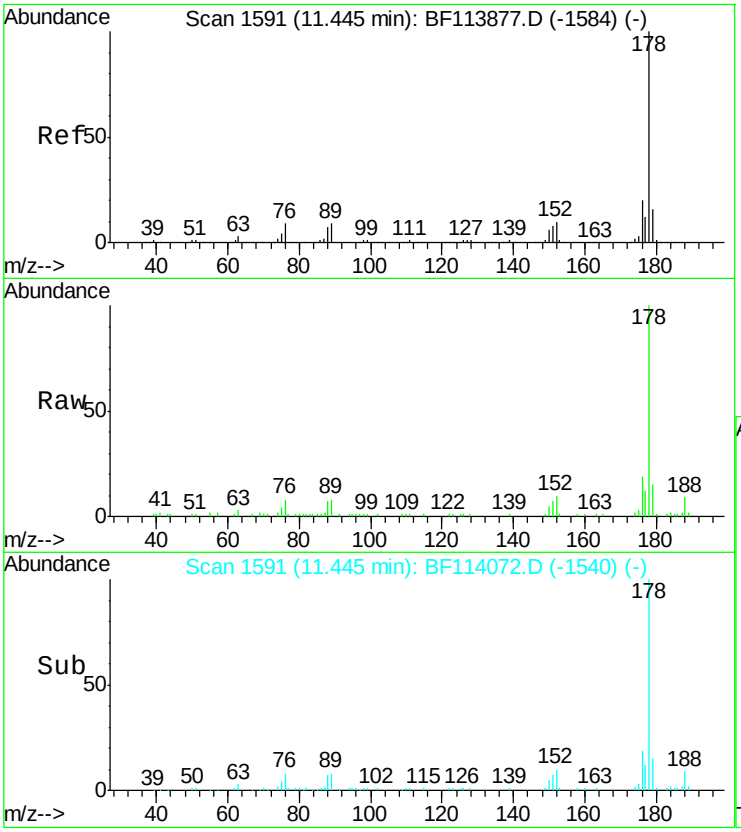


#69
Atrazine
Concen: 0.365 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.18 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:200 Resp: 1197

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.9	45.9#
215	0.0	29.3	69.3#



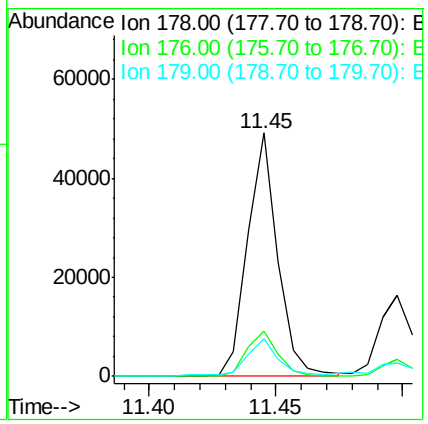


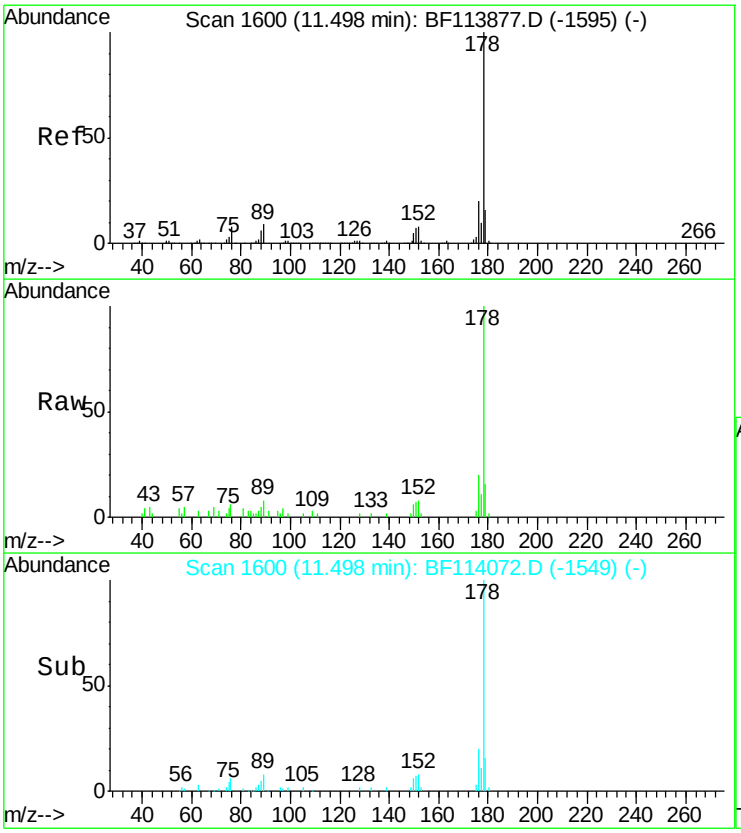
#71
Phenanthrene
Concen: 2.416 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 40784

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.1	24.1
179	15.2	12.8	19.2

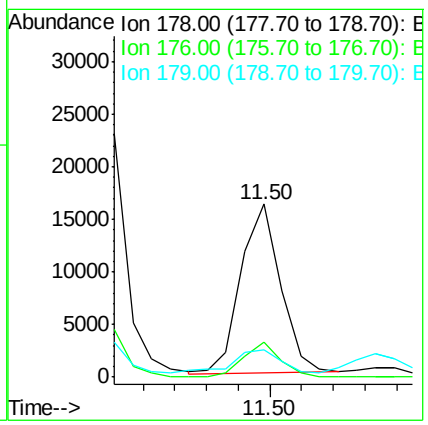


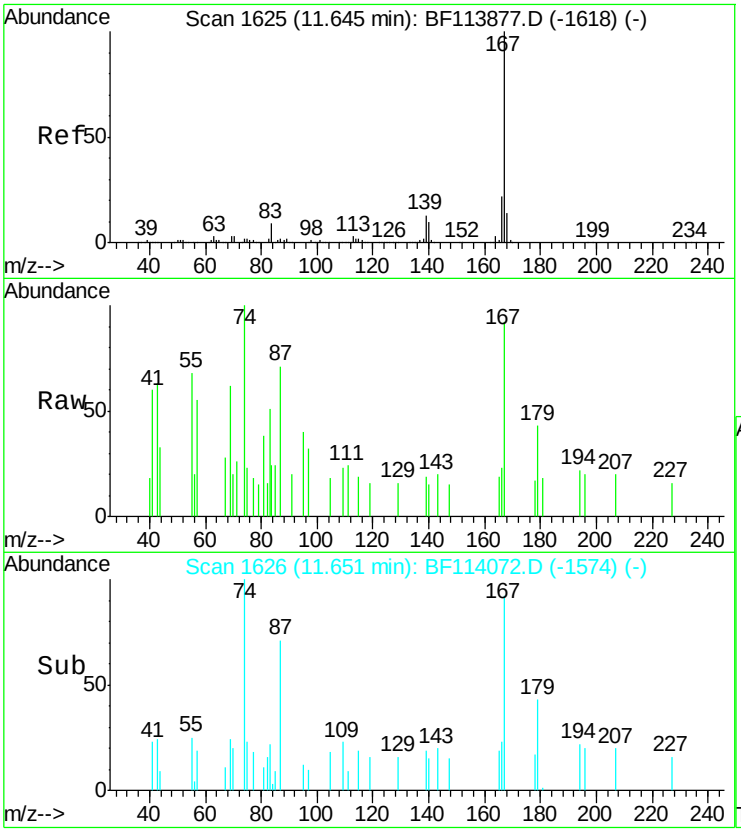


#72
Anthracene
Concen: 0.815 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:178 Resp: 13897

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.1	13.0	19.4



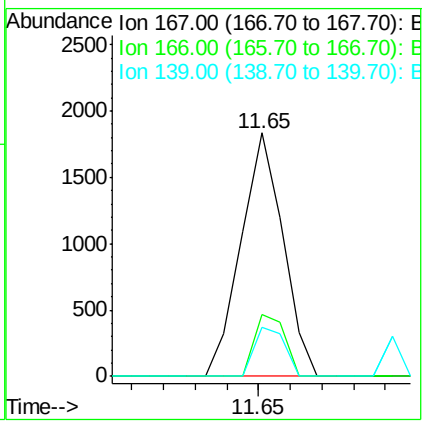


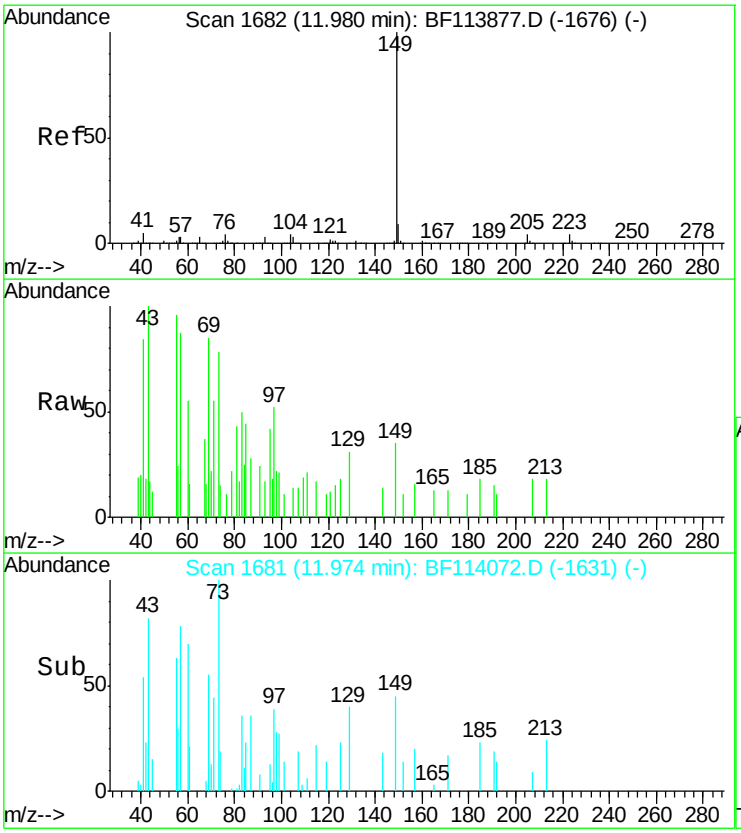
#73
Carbazole
Concen: 0.111 ng
RT: 11.65 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 1686

Ion	Ratio	Lower	Upper
167	100		
166	25.3	17.7	26.5
139	20.3	10.0	15.0#

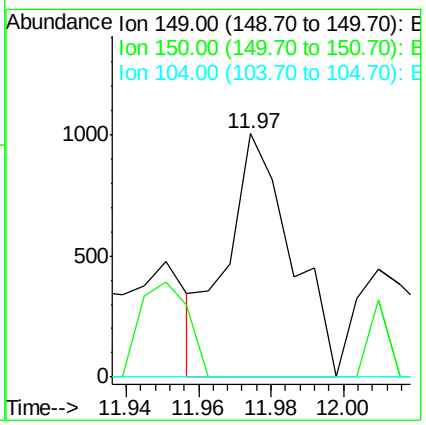


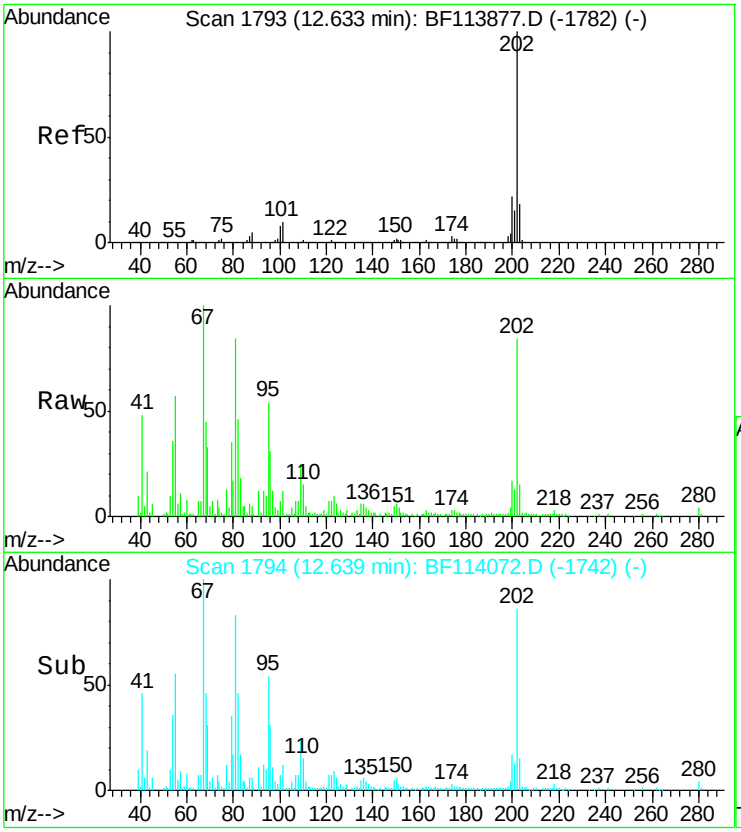


#74
Di-n-butylphthalate
Concen: 0.069 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:149 Resp: 1238

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.8#
104	0.0	3.8	5.8#



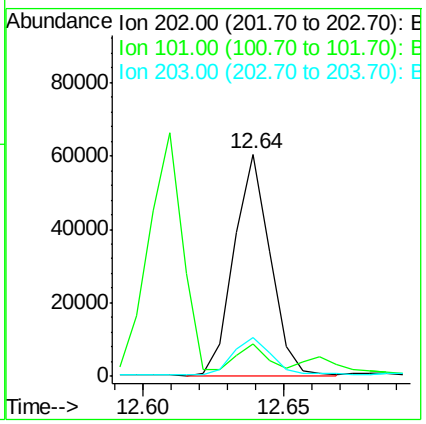


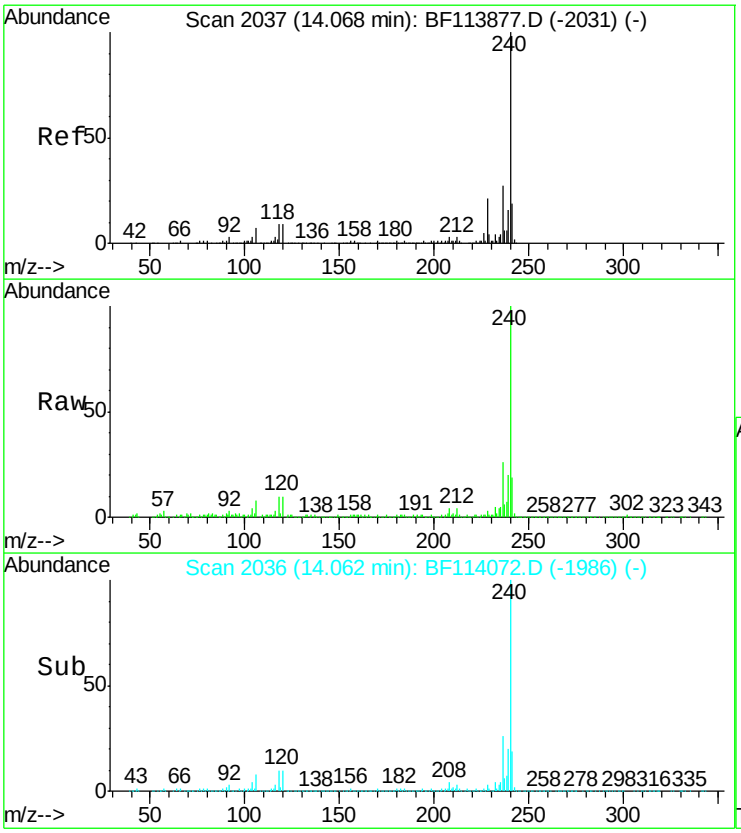
#75
Fluoranthene
Concen: 2.945 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 54253

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	32.9
203	17.2	0.0	38.2

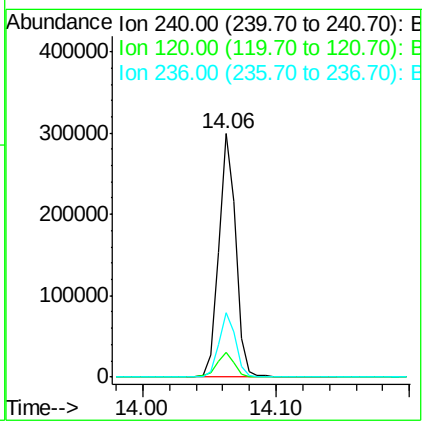


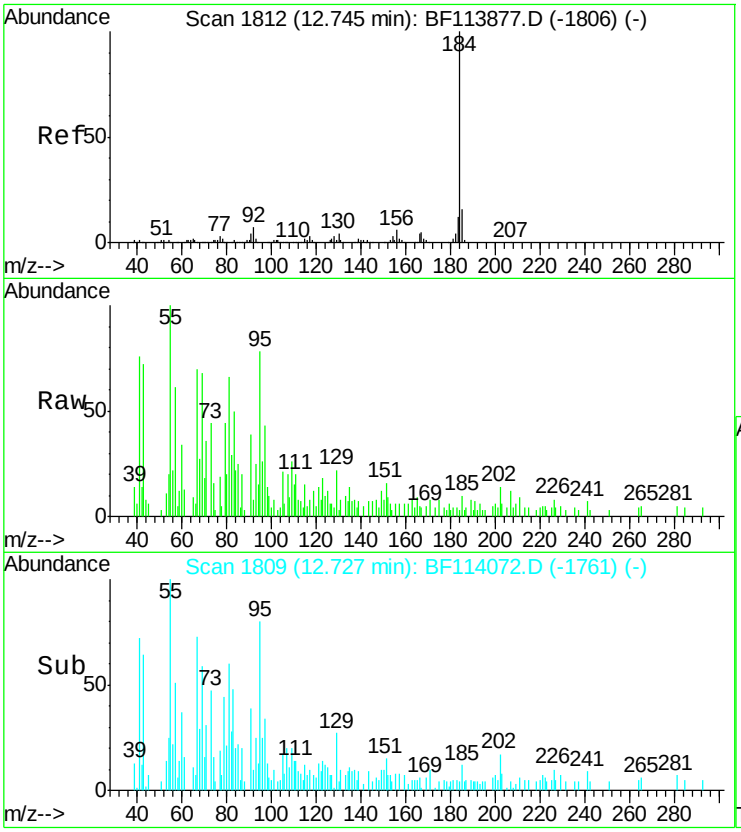


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:240 Resp: 267454

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.3	13.9
236	26.4	21.2	31.8



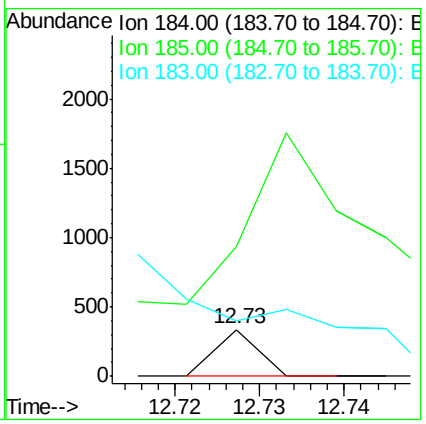


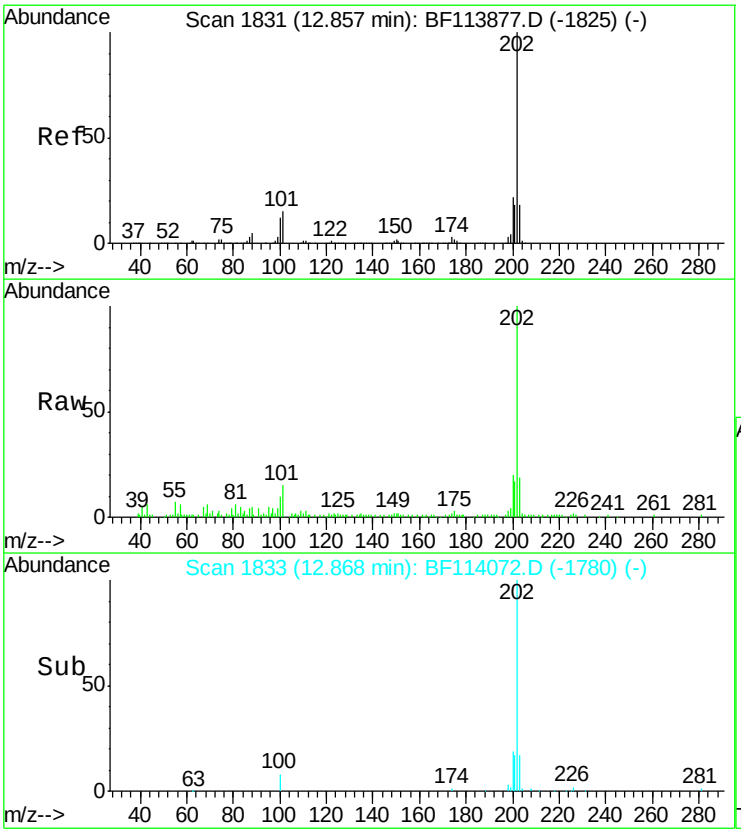
#77
Benzidine
Concen: 0.015 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 119

Ion	Ratio	Lower	Upper
184	100		
185	277.1	13.0	19.6#
183	117.6	9.4	14.0#

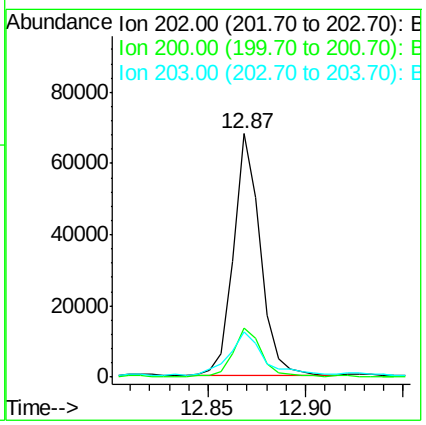


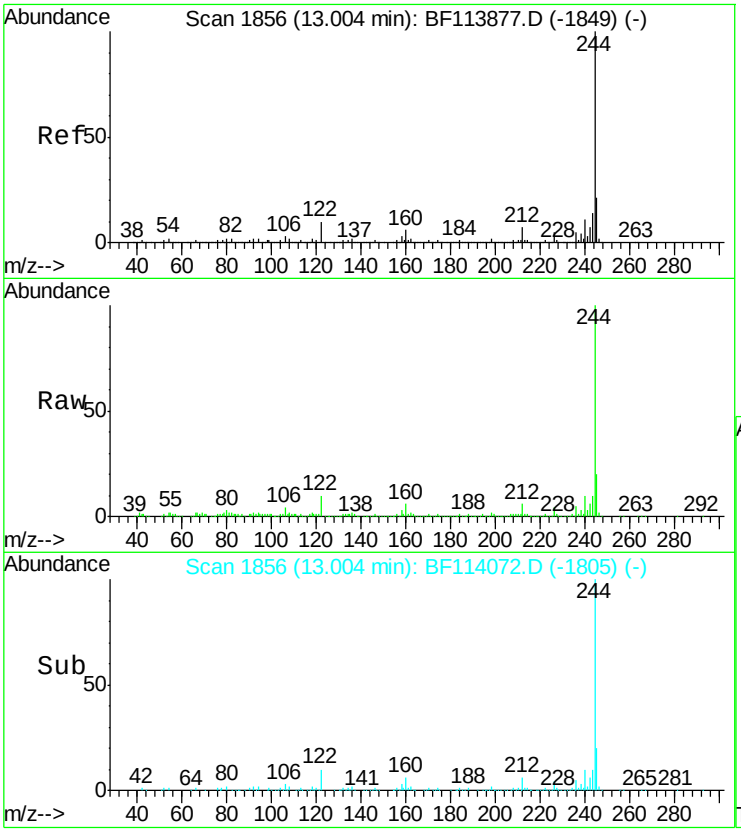


#78
Pyrene
Concen: 3.482 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:202 Resp: 65118

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.7	26.5
203	18.5	15.0	22.6



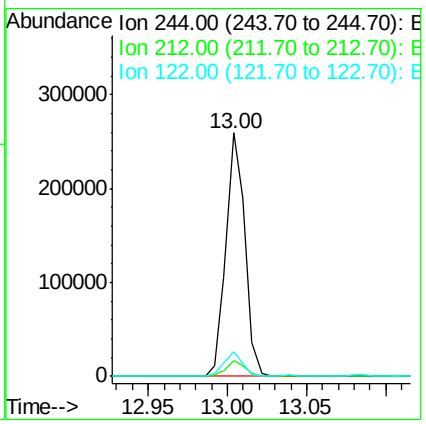


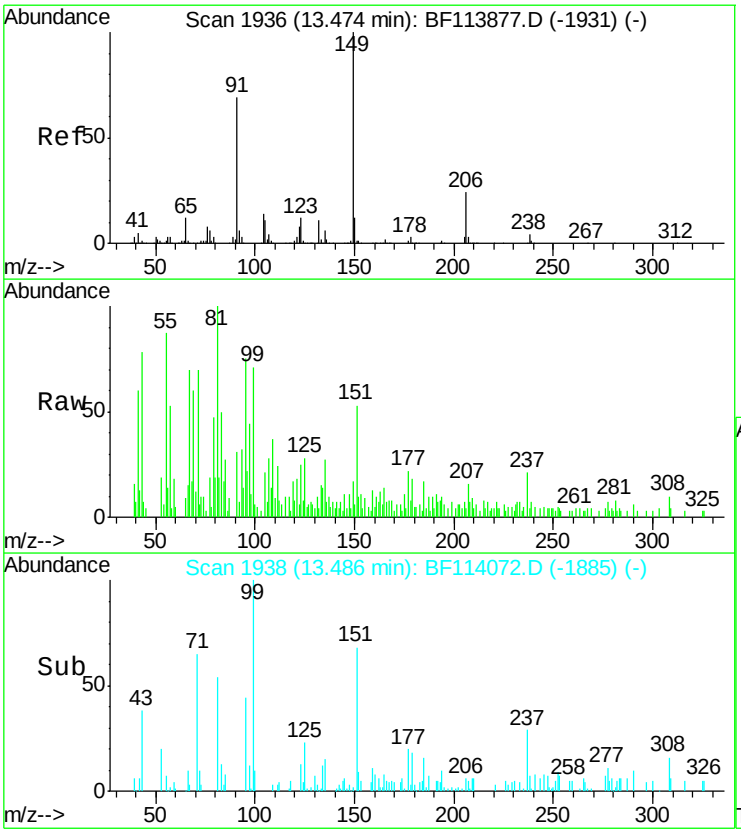
#79
Terphenyl-d14
Concen: 16.497 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 215210

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	10.4	7.6	11.4

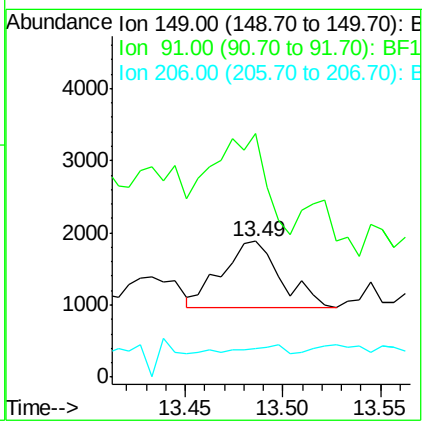


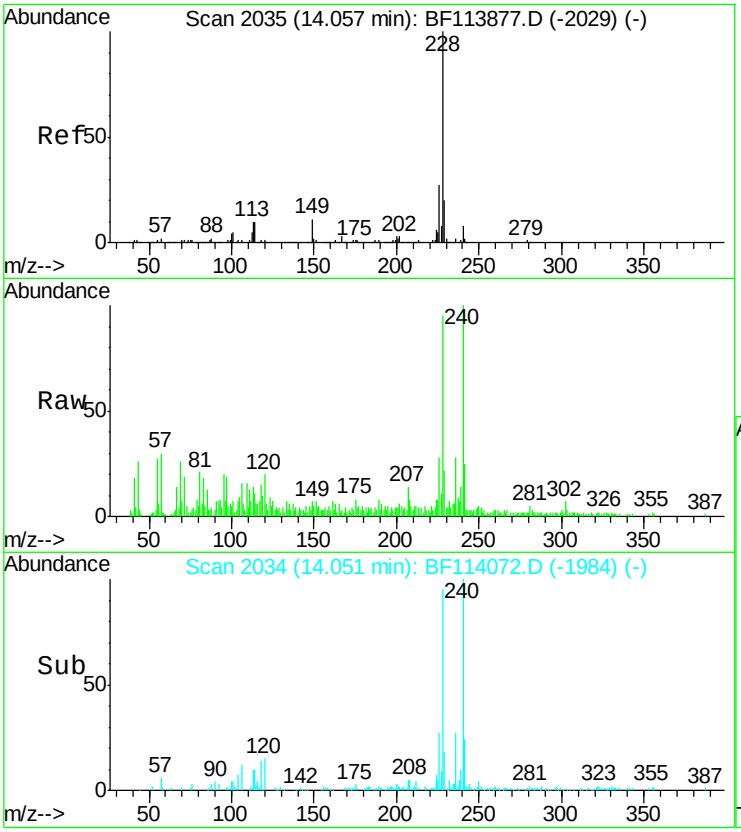


#80
Butylbenzylphthalate
Concen: 0.255 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:149 Resp: 1879

Ion	Ratio	Lower	Upper
149	100		
91	179.6	56.3	84.5#
206	21.5	19.0	28.6



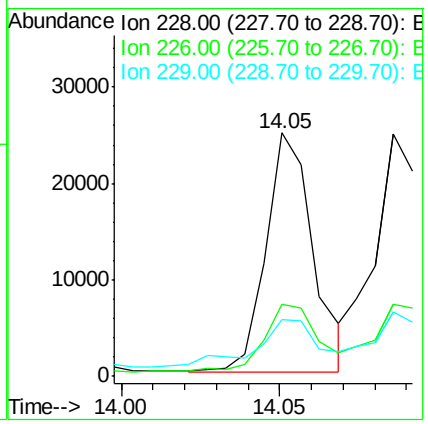


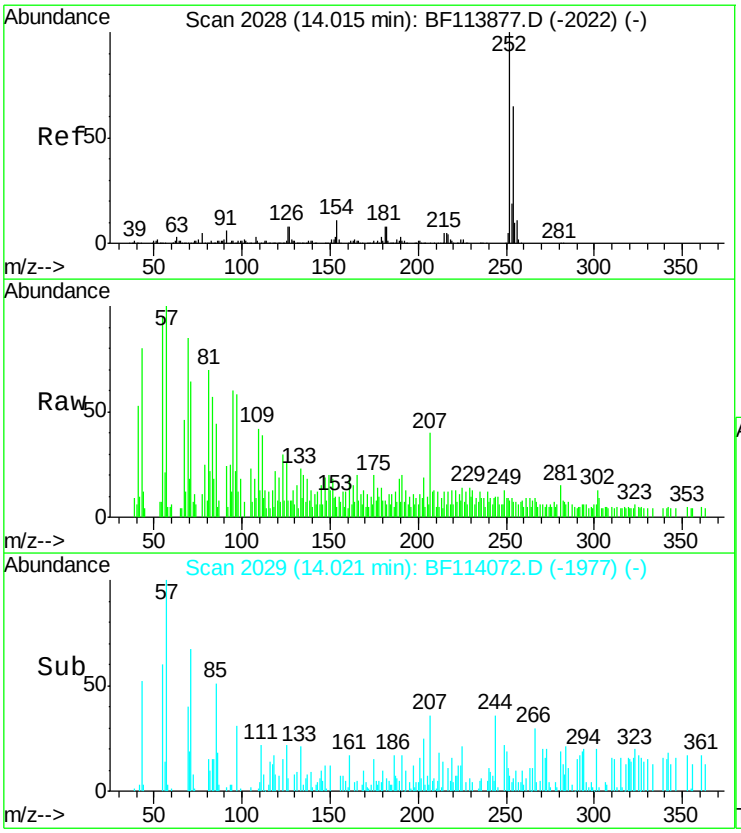
#81
Benzo(a)anthracene
Concen: 1.627 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 25645

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.2	33.2
229	23.5	16.0	24.0

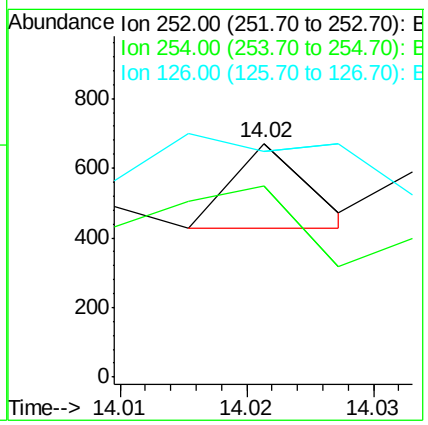


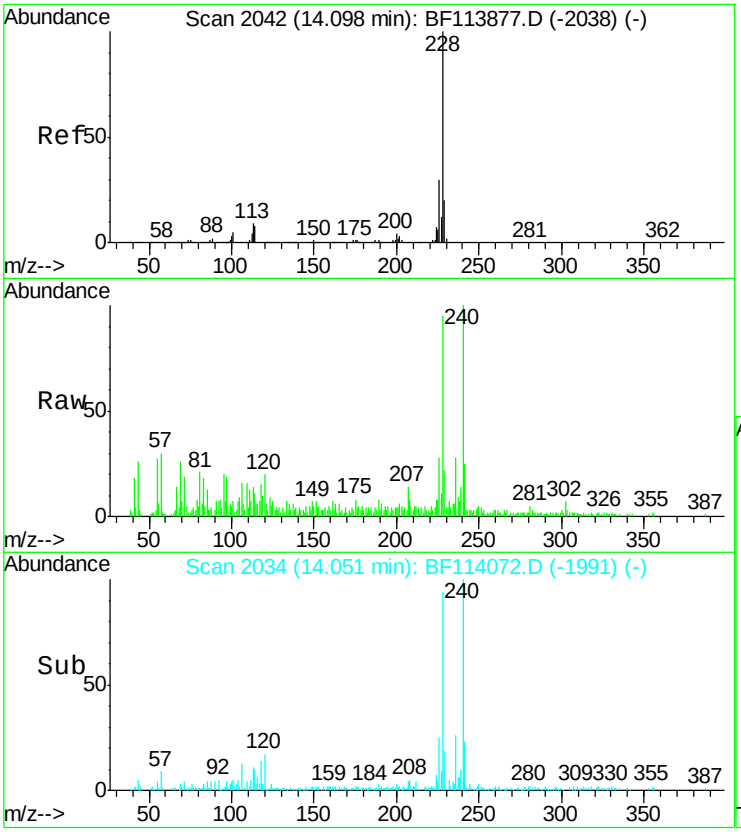


#82
3,3'-Dichlorobenzidine
Concen: 0.017 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:252 Resp: 101

Ion	Ratio	Lower	Upper
252	100		
254	81.8	52.1	78.1#
126	96.3	9.3	13.9#



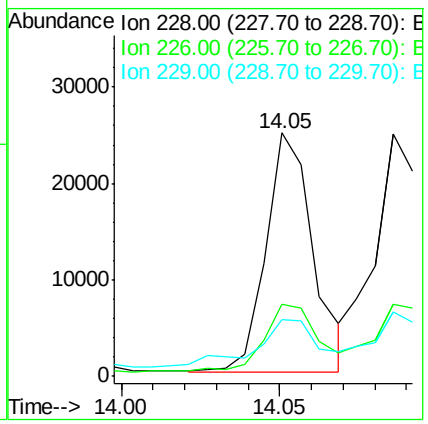


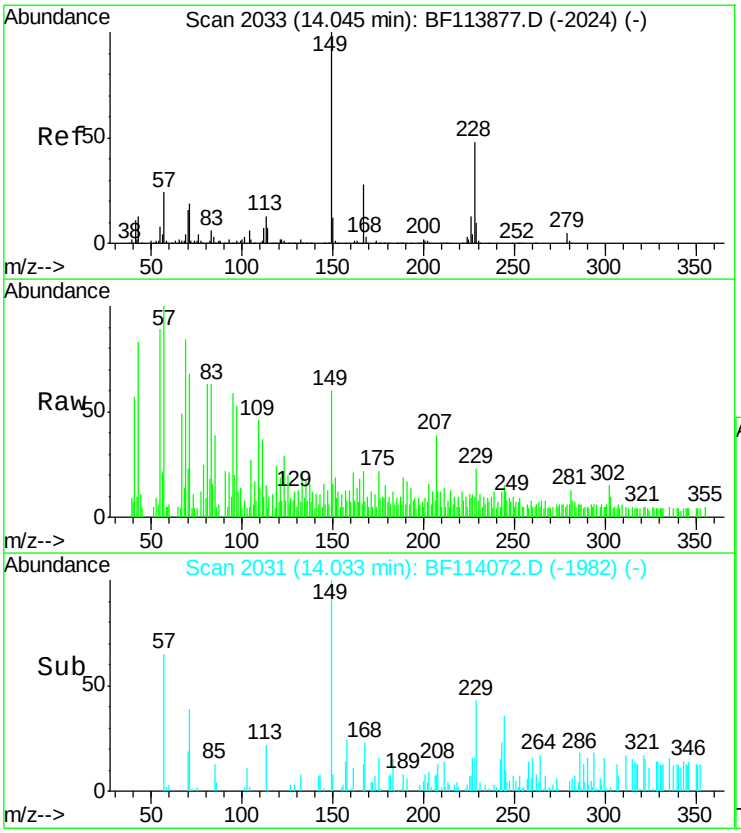
#83
Chrysene
Concen: 1.671 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.05 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 25645

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.2	37.8
229	23.5	16.7	25.1

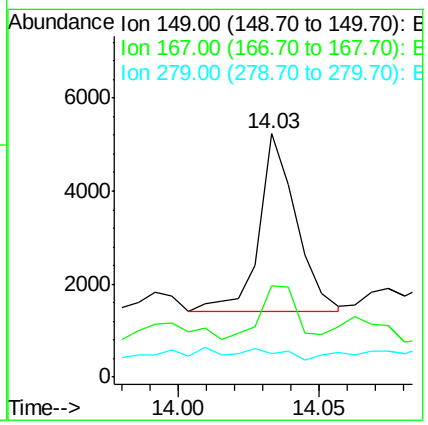


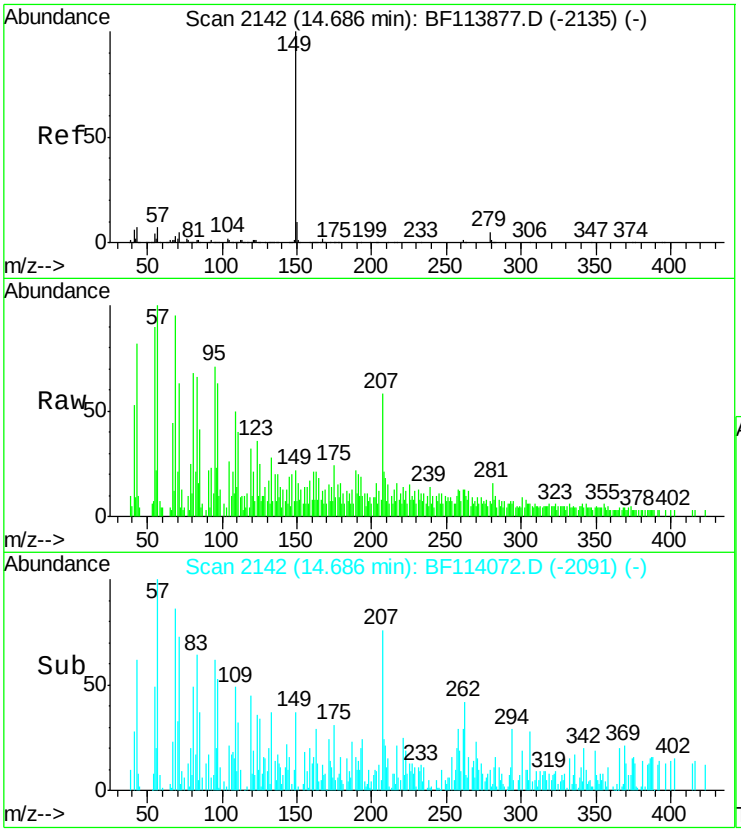


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.376 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:149 Resp: 3518

Ion	Ratio	Lower	Upper
149	100		
167	37.2	22.9	34.3#
279	9.8	4.2	6.2#



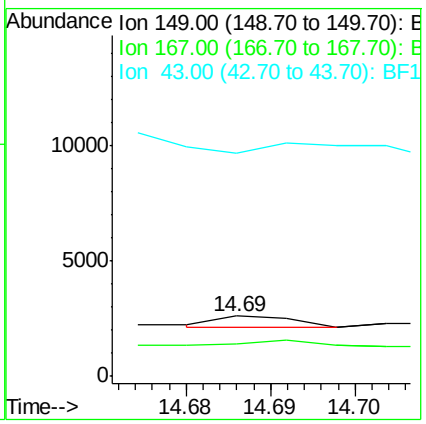


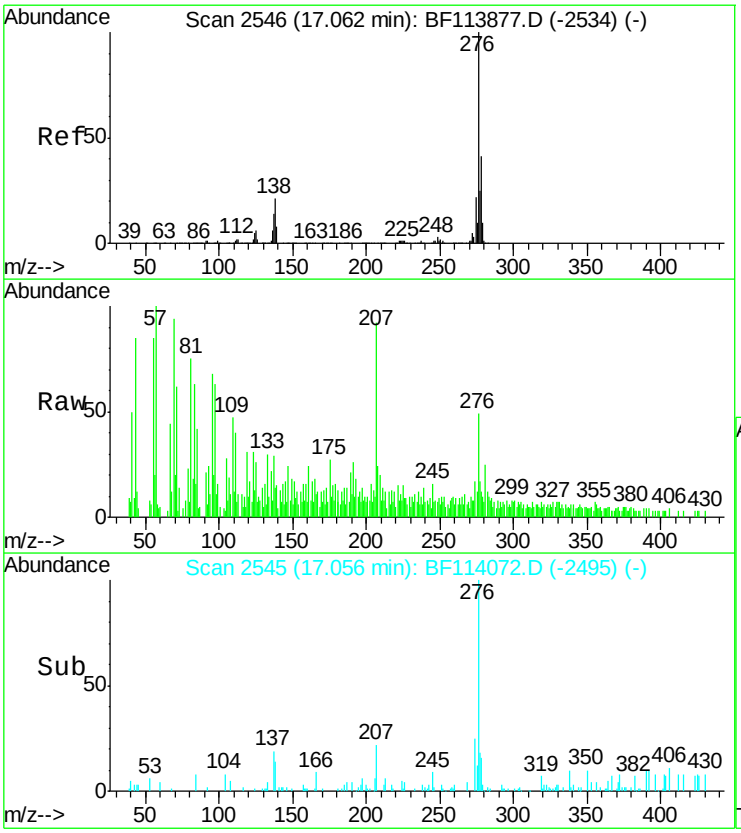
#85
Di-n-octyl phthalate
Concen: 0.020 ng
RT: 14.69 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 299

Ion	Ratio	Lower	Upper
149	100		
167	62.9	1.3	1.9#
43	236.8	6.6	10.0#

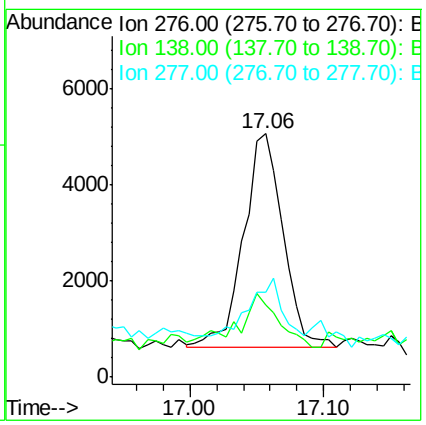


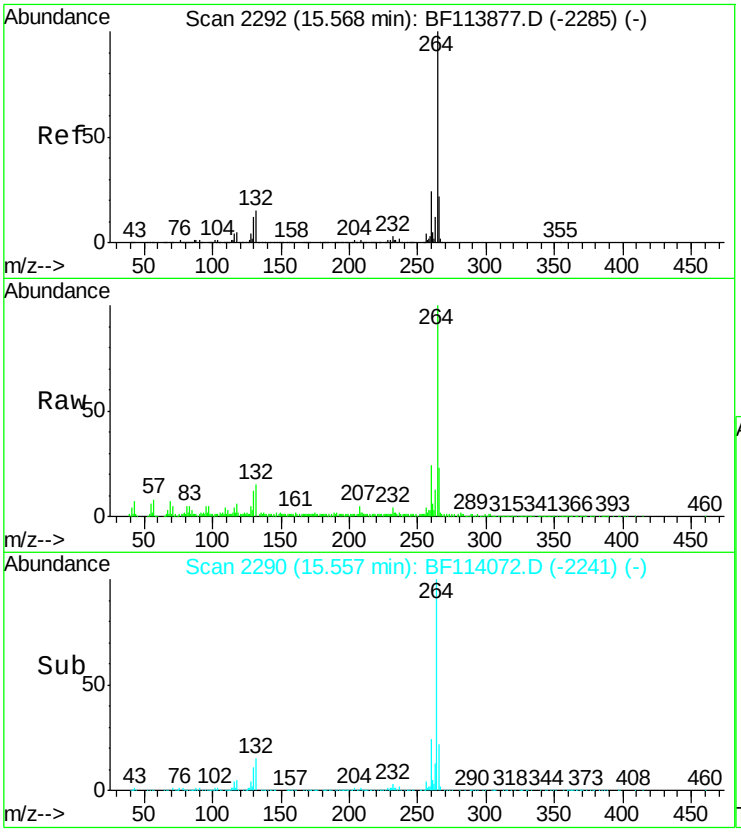


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.620 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:276 Resp: 9009

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.6	29.4
277	23.7	20.2	30.4



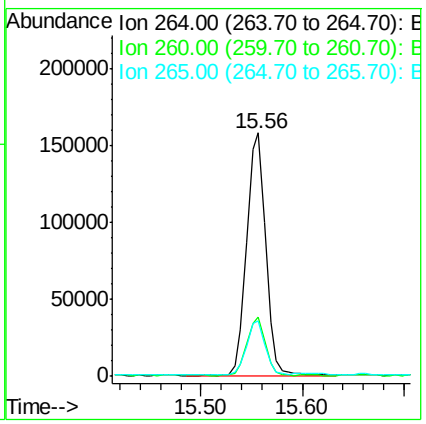


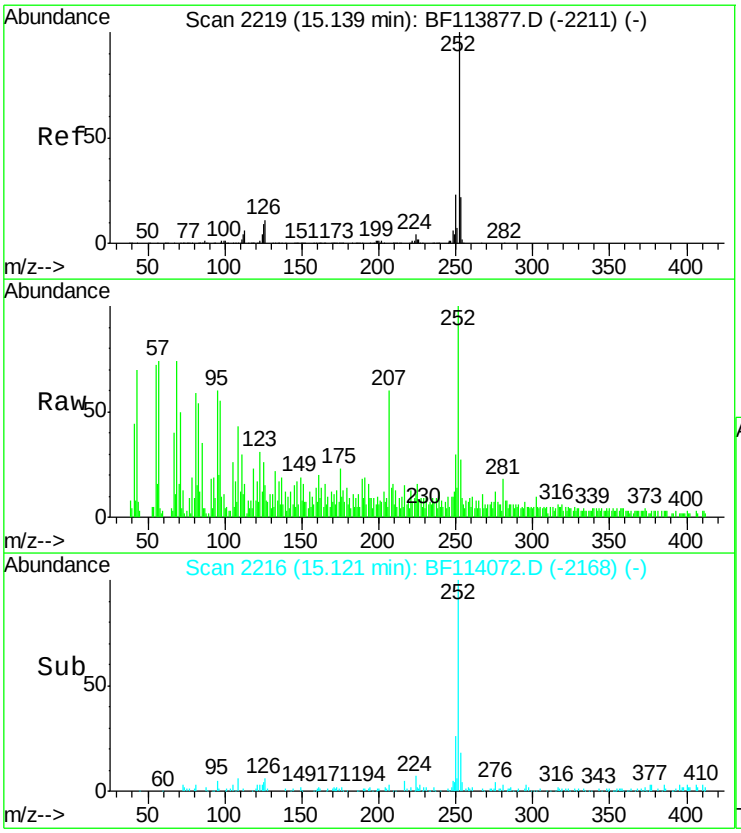
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 205405

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	22.6	17.3	25.9

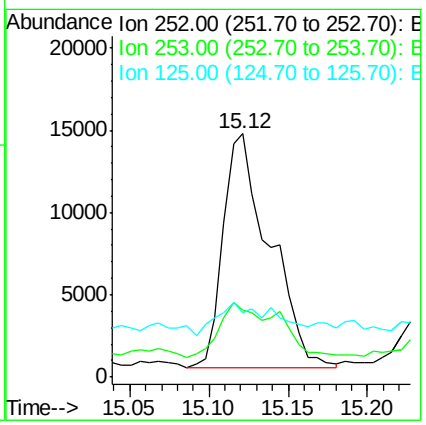


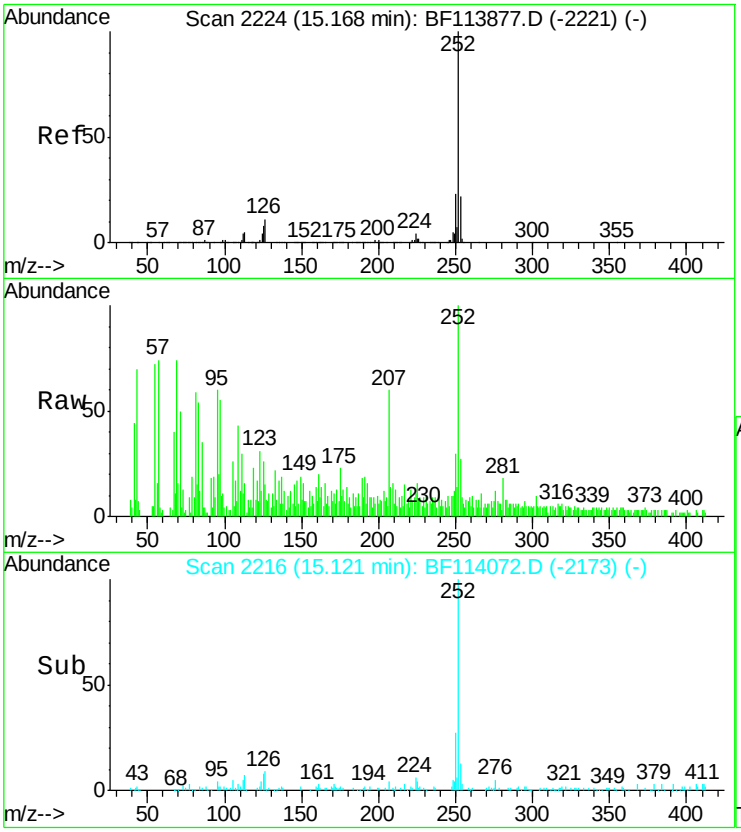


#88
Benzo(b)fluoranthene
Concen: 2.221 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:252 Resp: 28863

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.8	26.6#
125	26.4	7.0	10.6#



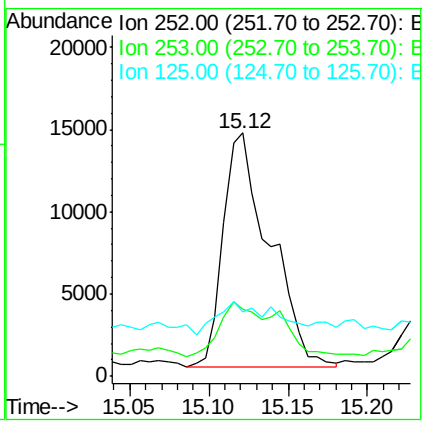


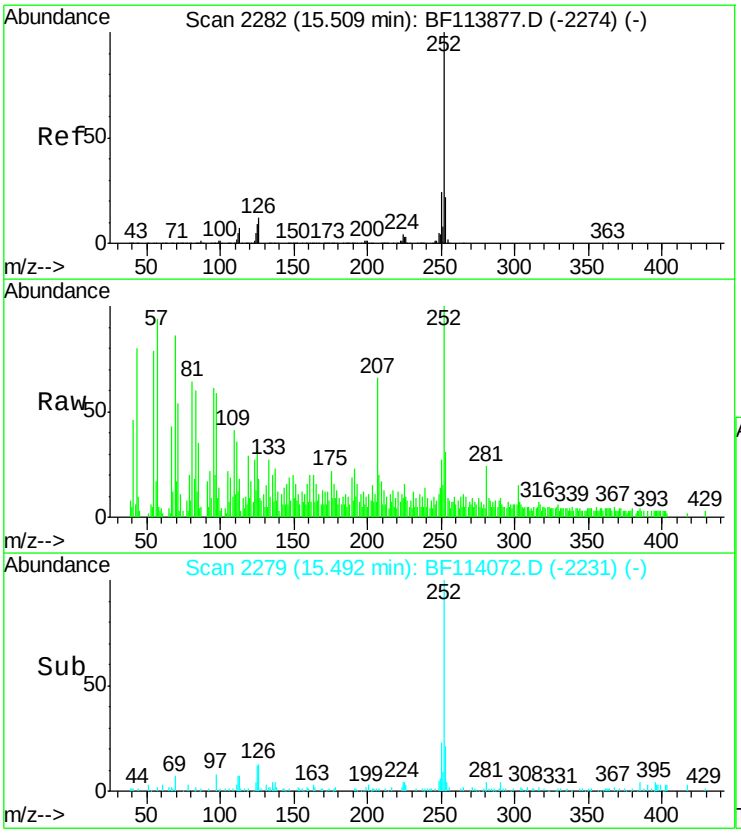
#89
Benzo(k)fluoranthene
Concen: 2.582 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28863

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.2	27.2#
125	26.4	7.4	11.2#

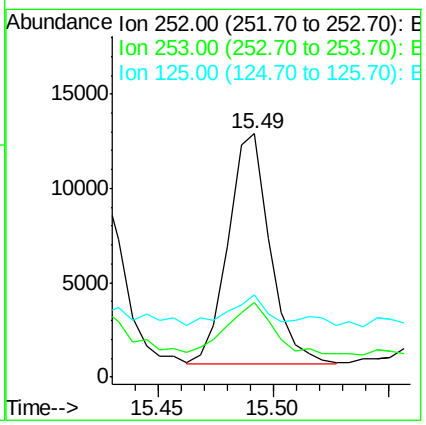


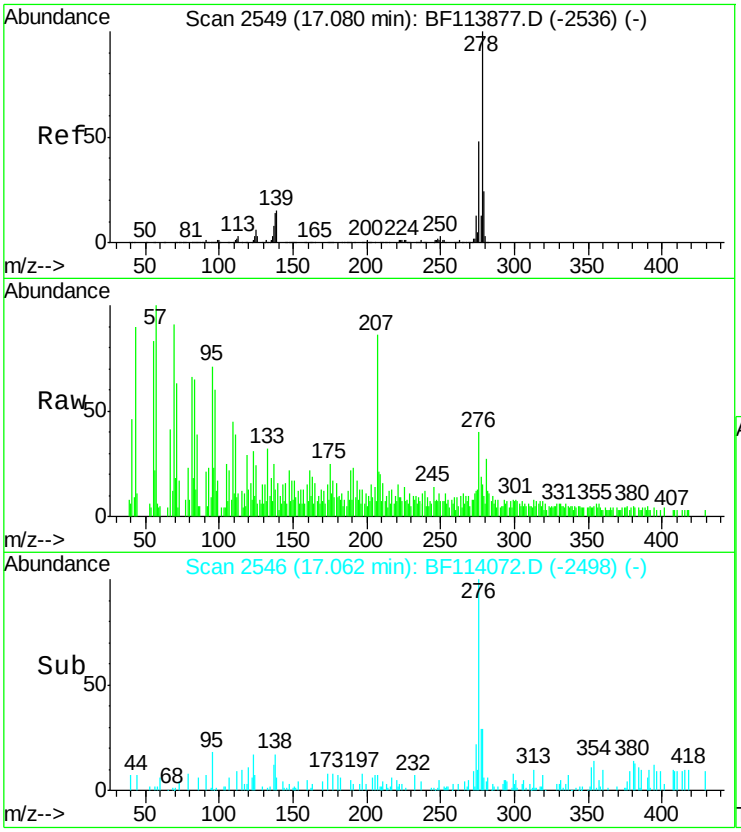


#90
Benzo(a)pyrene
Concen: 1.375 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:252 Resp: 15458

Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.5	26.3#
125	33.8	8.5	12.7#



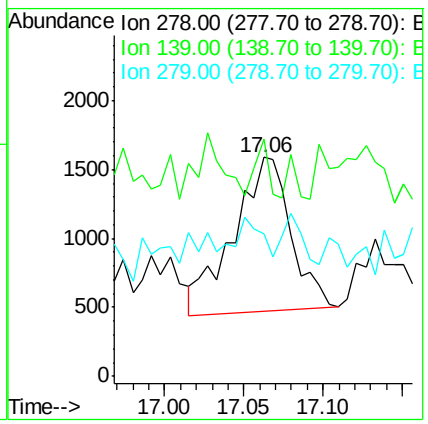


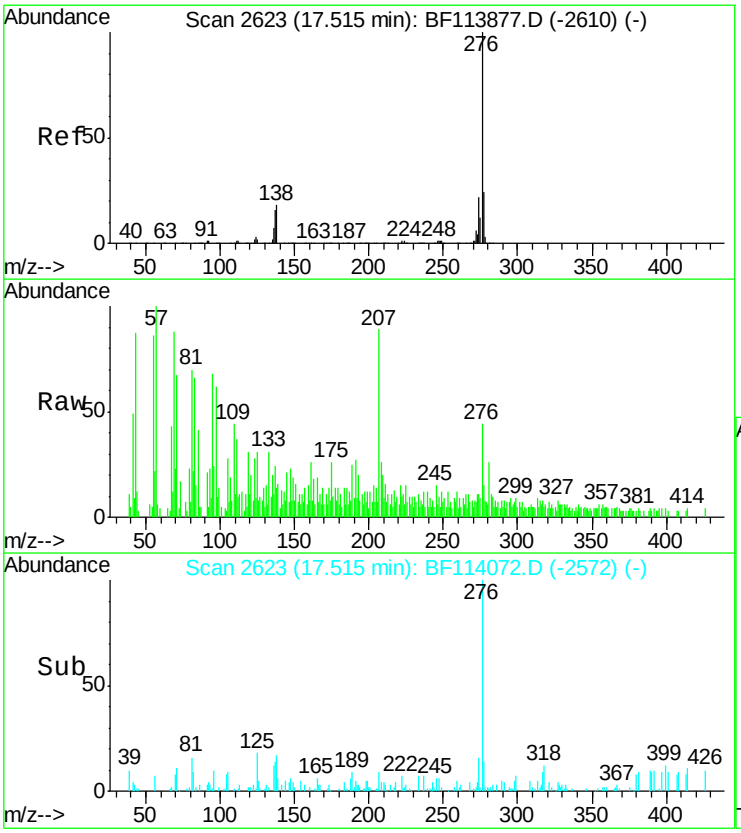
#91
Dibenzo(a,h)anthracene
Concen: 0.266 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 2802

Ion	Ratio	Lower	Upper
278	100		
139	108.3	11.6	17.4#
279	65.4	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.851 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF114072.D
Acq: 1 May 2019 16:32

Tgt Ion:276 Resp: 9062

Ion	Ratio	Lower	Upper
276	100		
277	34.5	19.0	28.4#
138	31.2	16.6	25.0#