Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114426.D
Acq On : 19 May 2019 8:01
Operator : JU/SJ
Sample : K2894-03RX
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-0-1RX

Quant Time: May 20 04:17:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	2739	20.00	ng	-0.01
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.13
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.89
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.37
76) Chrysene-d12	14.00	240	244	20.00	ng	-0.02
87) Perylene-d12	15.47	264	106	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	451594	2653.28	ng	-0.02
7) Phenol-d6	6.47	99	748318	3717.36	ng	-0.02
23) Nitrobenzene-d5	7.39	82	427886	0.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	215485	0.00	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	949778	0.00	ng	-0.02
79) Terphenyl-d14	12.93	244	924068	78069.81	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	878	9.385	ng	# 16
4) n-Nitrosodimethylamine	3.36	42	346	2.784	ng	# 1
9) Benzaldehyde	6.47	77	1431	10.154	ng	# 1
10) Phenol	6.49	94	5505	23.247	ng	# 6
11) bis(2-Chloroethyl)ether	6.61	93	630	3.504	ng	# 1
15) Benzyl Alcohol	6.99	79	5631	35.865	ng	# 52
19) n-Nitroso-di-n-propylamine	7.39	70	52647	412.607	ng	# 77
77) Benzidine	12.93	184	11016	1005.773	ng	# 96
78) Pyrene	12.80	202	73520	3745.553	ng	95
80) Butylbenzylphthalate	13.43	149	236	28.565	ng	# 61
81) Benzo(a)anthracene	13.99	228	39775	2520.309	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	108	17.641	ng	# 25
83) Chrysene	13.99	228	39775	2571.003	ng	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	2357	218.131	ng	# 89
85) Di-n-octyl phthalate	14.64	149	752	42.931	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.94	276	14903	1089.986	ng	96
88) Benzo(b)fluoranthene	15.03	252	51348	7561.221	ng	# 86
89) Benzo(k)fluoranthene	15.03	252	51348	8231.240	ng	# 87
90) Benzo(a)pyrene	15.40	252	27544	4608.636	ng	# 89
91) Dibenzo(a,h)anthracene	16.94	278	5389	1085.116	ng	# 42
92) Benzo(g,h,i)perylene	17.39	276	12452	2501.926	ng	# 86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114426.D
Acq On : 19 May 2019 8:01
Operator : JU/SJ
Sample : K2894-03RX
Misc :
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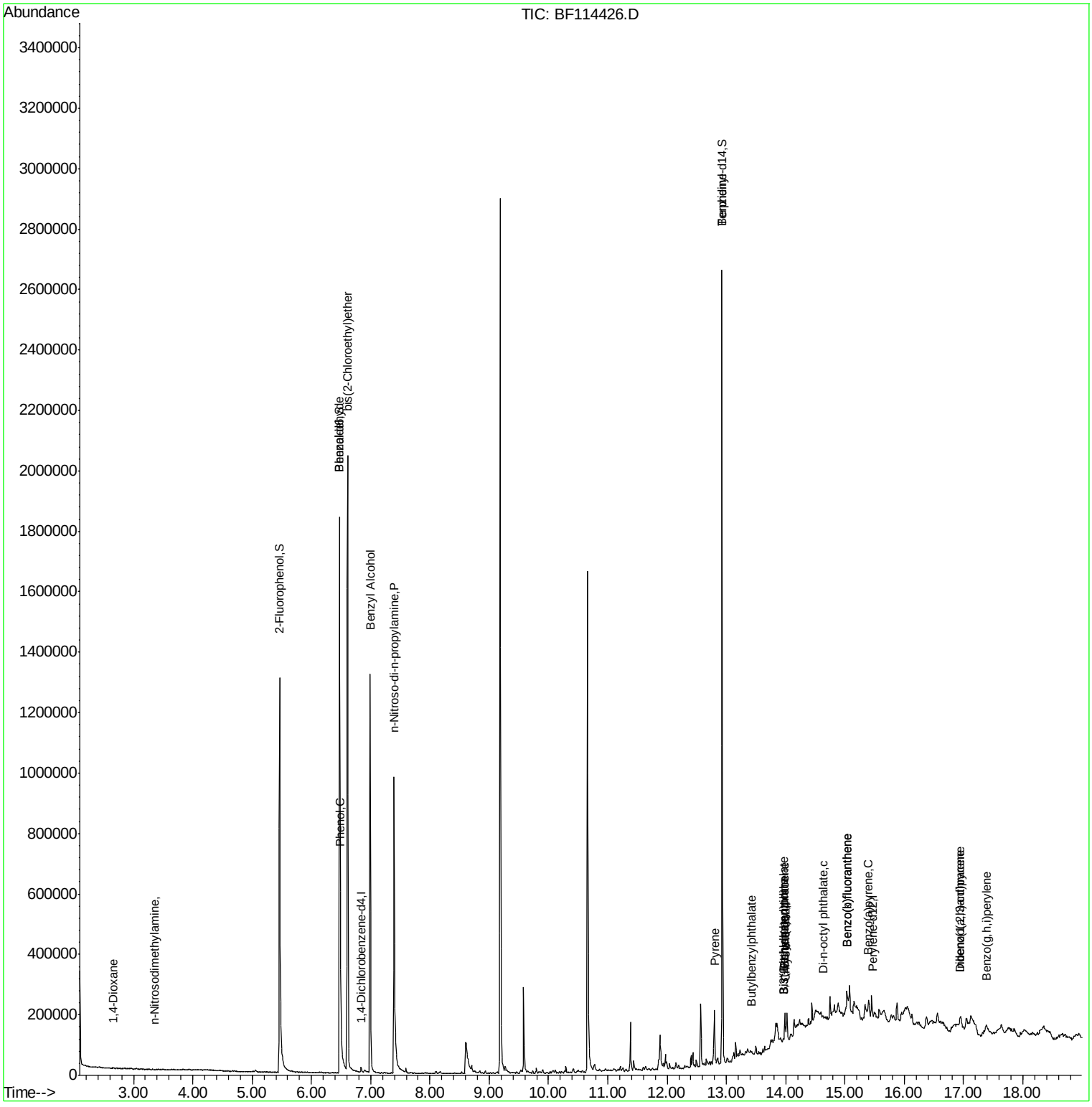
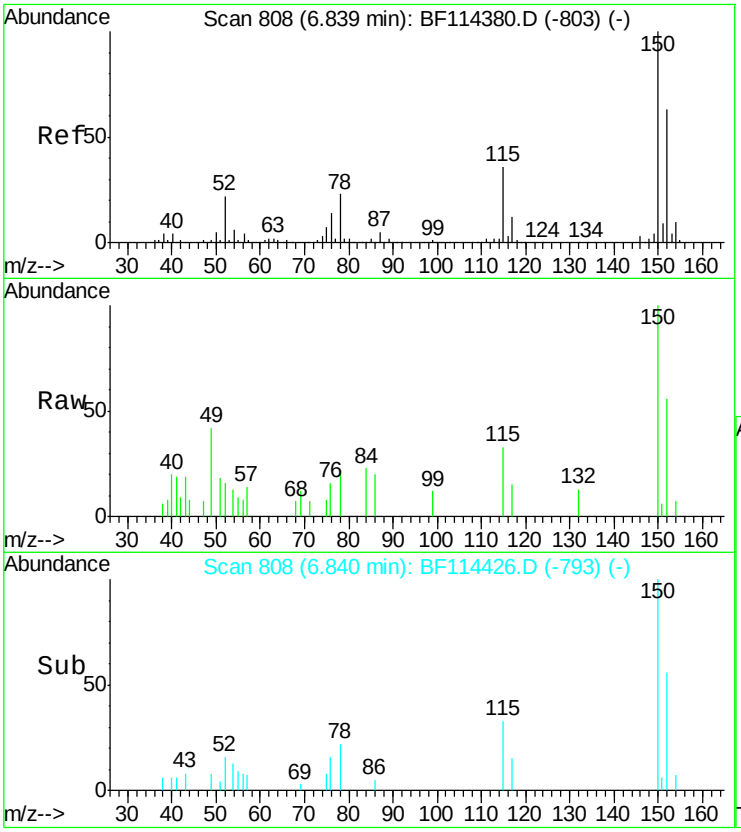
Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Quant Time: May 20 04:17:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



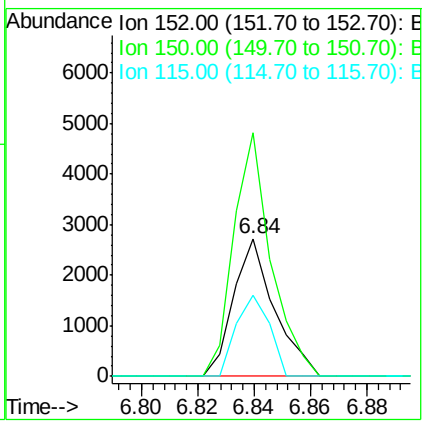


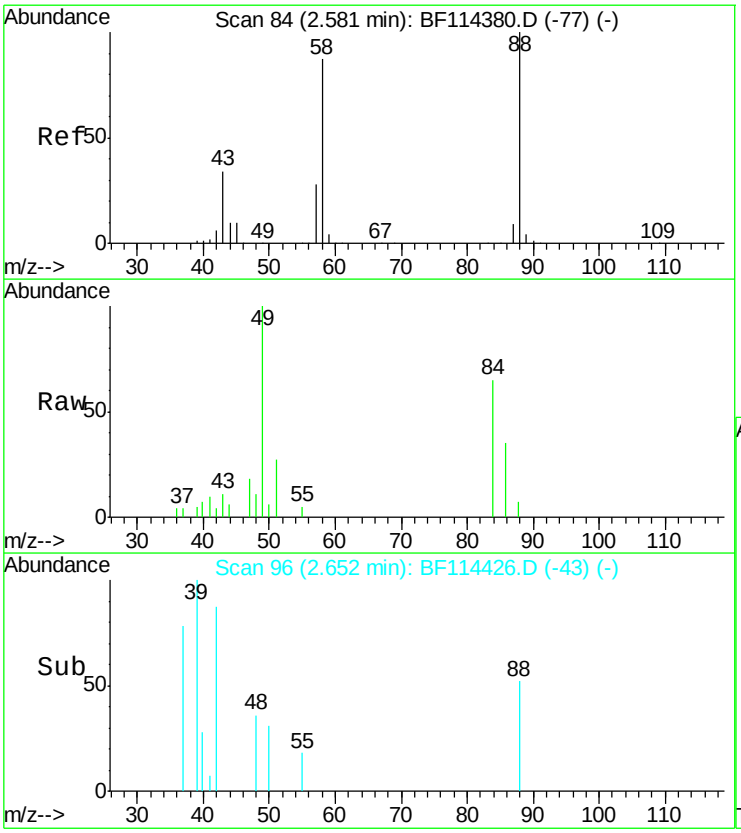
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:152 Resp: 2739

Ion	Ratio	Lower	Upper
152	100		
150	177.3	124.3	186.5
115	59.3	49.1	73.7

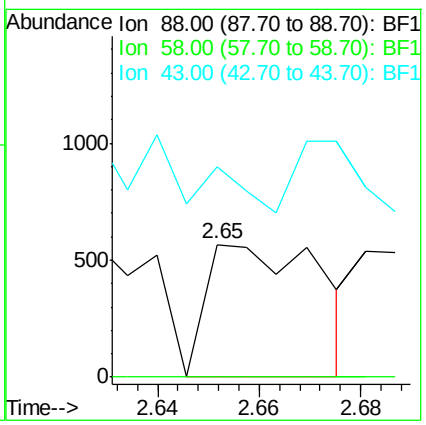


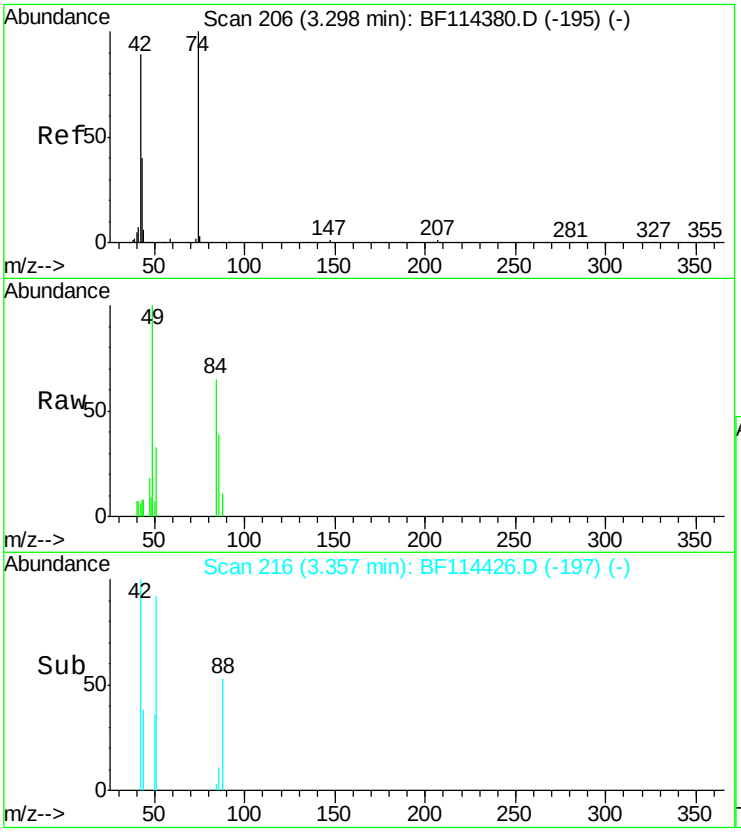


#2
1,4-Dioxane
Concen: 9.385 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.01 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion: 88 Resp: 878

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.7	103.1#
43	0.0	28.2	42.2#



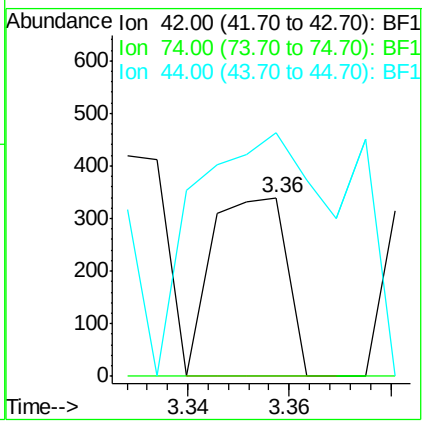


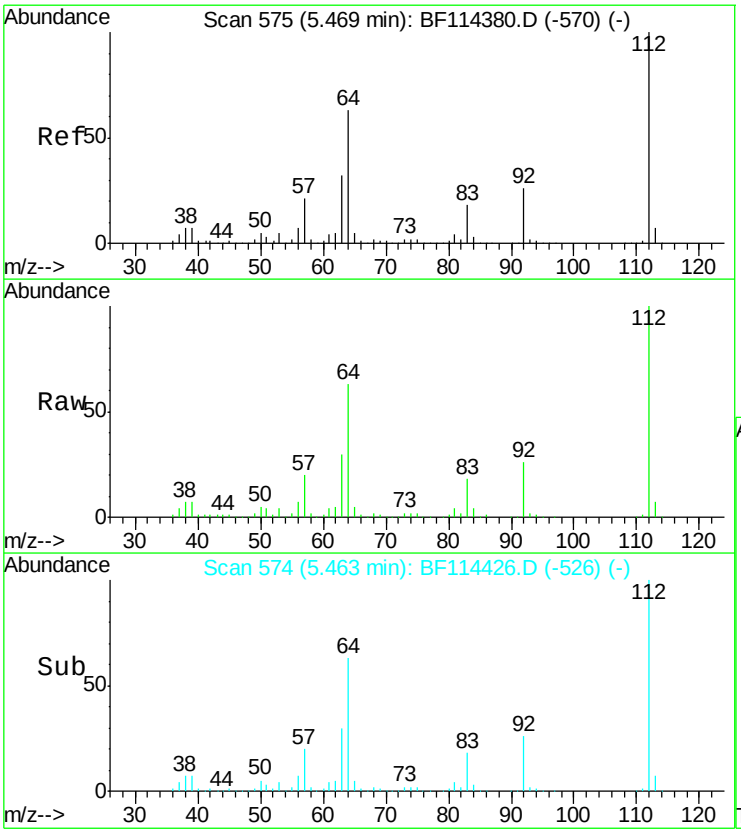
#4
n-Nitrosodimethylamine
Concen: 2.784 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.01 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion: 42 Resp: 346

Ion	Ratio	Lower	Upper
42	100		
74	0.0	88.6	132.8#
44	136.2	5.5	8.3#

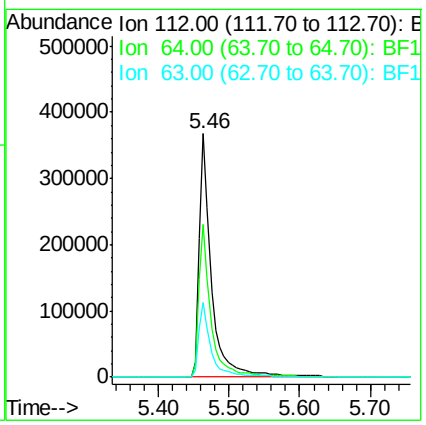


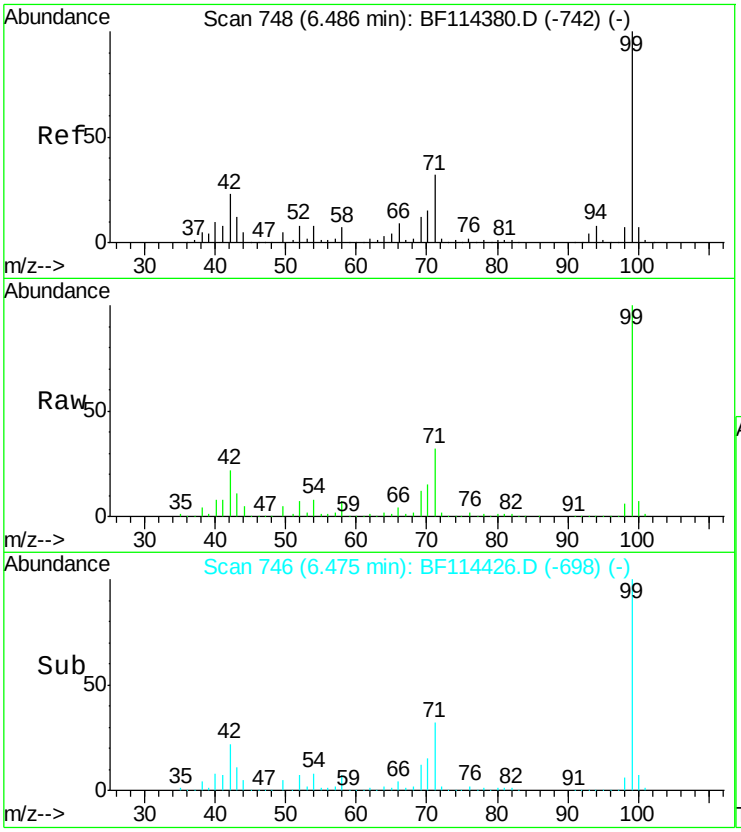


#5
2-Fluorophenol
Concen: 2653.278 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:112 Resp: 451594

Ion	Ratio	Lower	Upper
112	100		
64	62.8	49.0	73.6
63	30.5	24.6	37.0



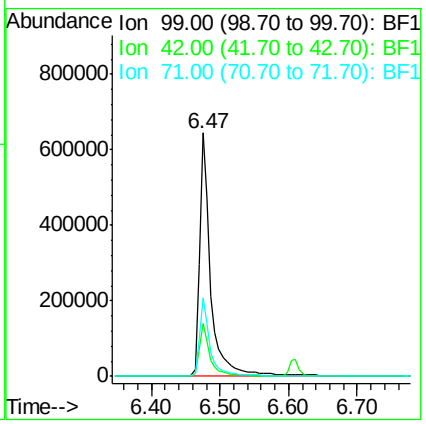


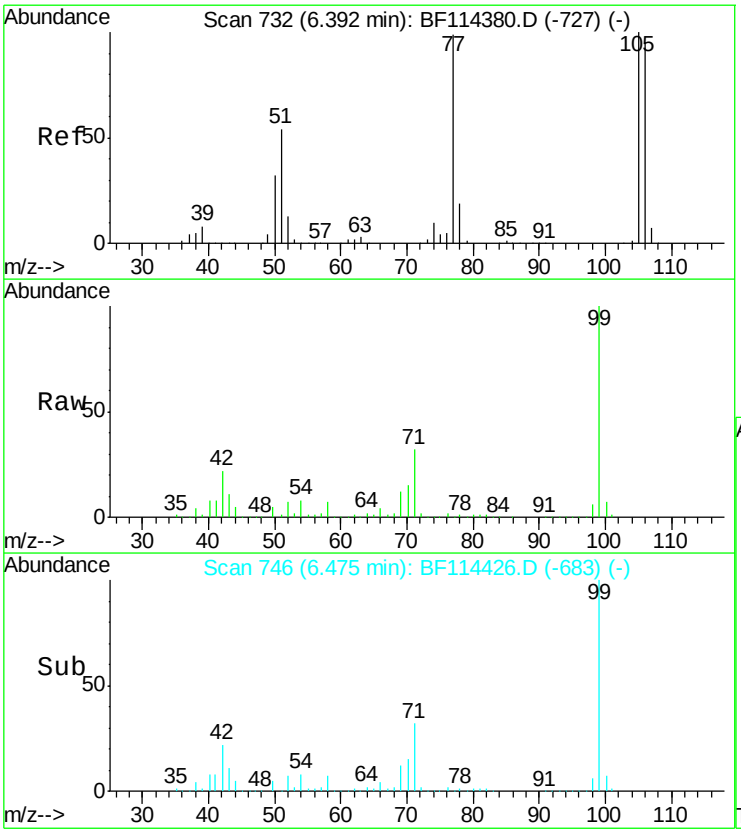
#7
Phenol-d6
Concen: 3717.359 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion: 99 Resp: 748318

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	32.3	26.2	39.2

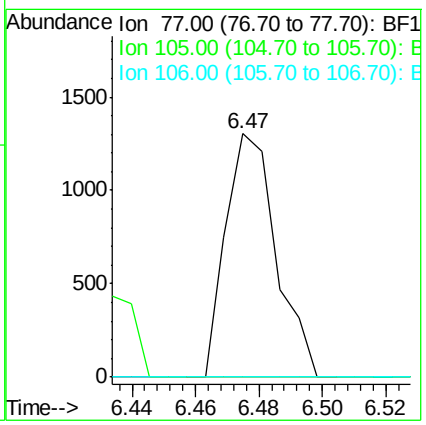


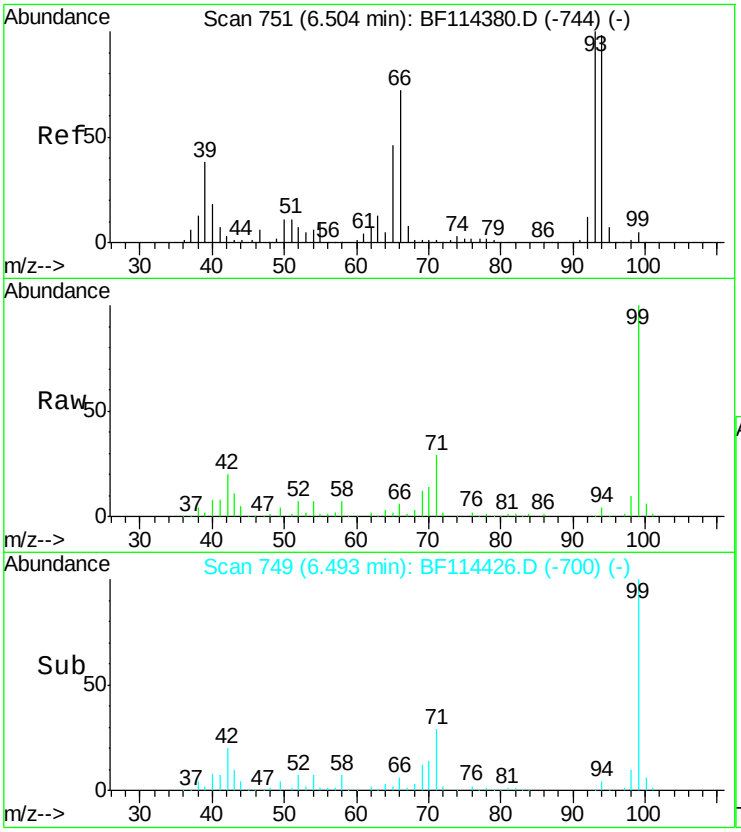


#9
Benzaldehyde
Concen: 10.154 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.07 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion: 77 Resp: 1431

Ion	Ratio	Lower	Upper
77	100		
105	0.0	79.3	119.3#
106	0.0	77.0	117.0#



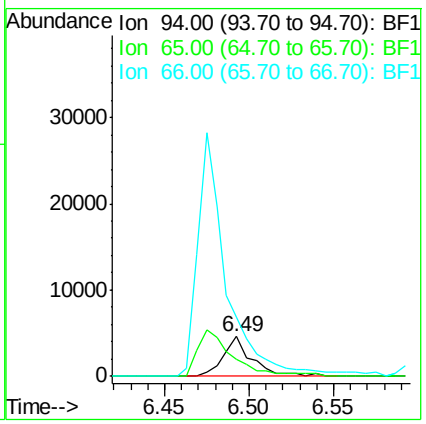


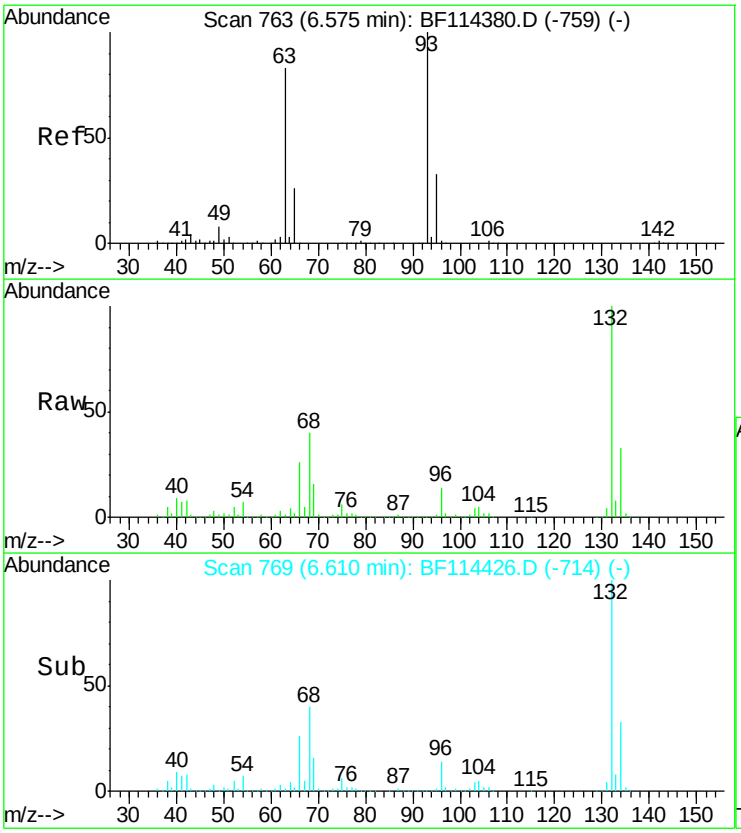
#10
Phenol
Concen: 23.247 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion: 94 Resp: 5505

Ion	Ratio	Lower	Upper
94	100		
65	44.7	14.7	54.7
66	151.5	29.6	69.6#

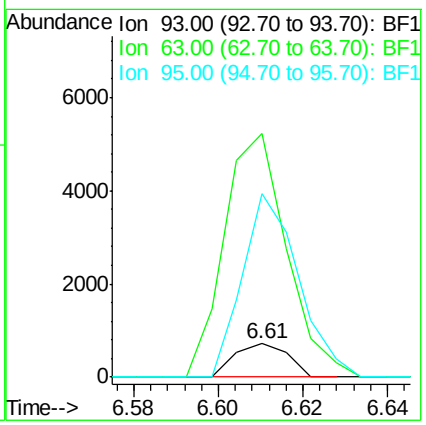


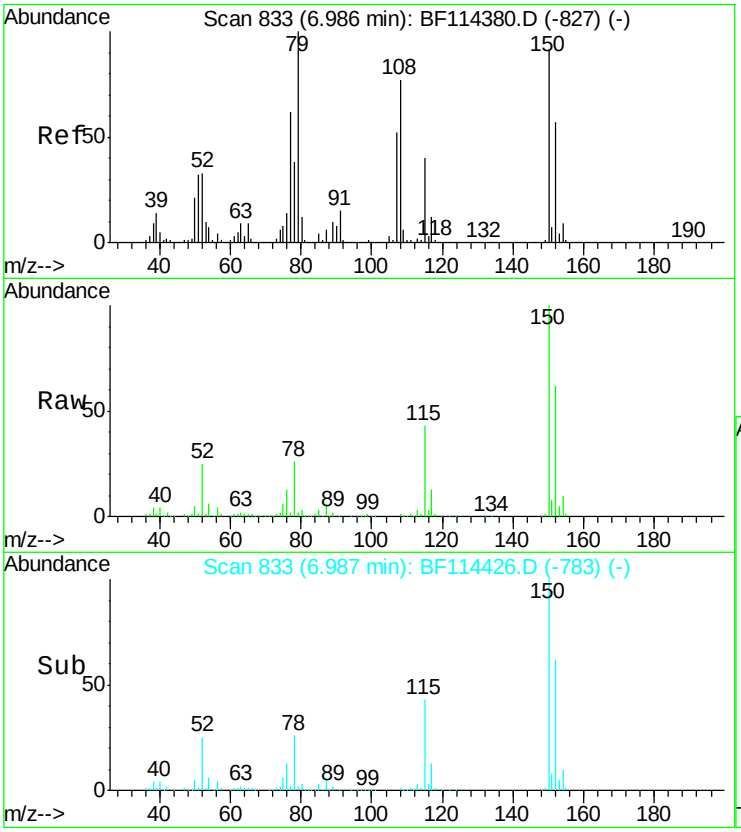


#11
bis(2-Chloroethyl)ether
Concen: 3.504 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion: 93 Resp: 630

Ion	Ratio	Lower	Upper
93	100		
63	734.1	63.6	103.6#
95	551.5	13.1	53.1#



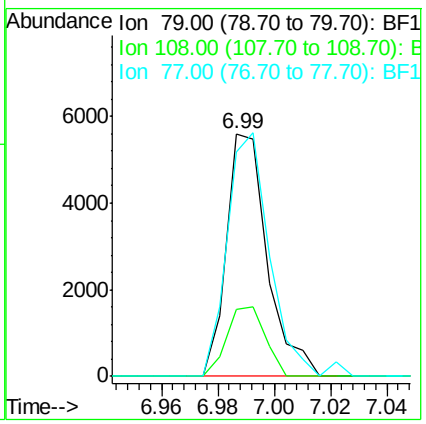


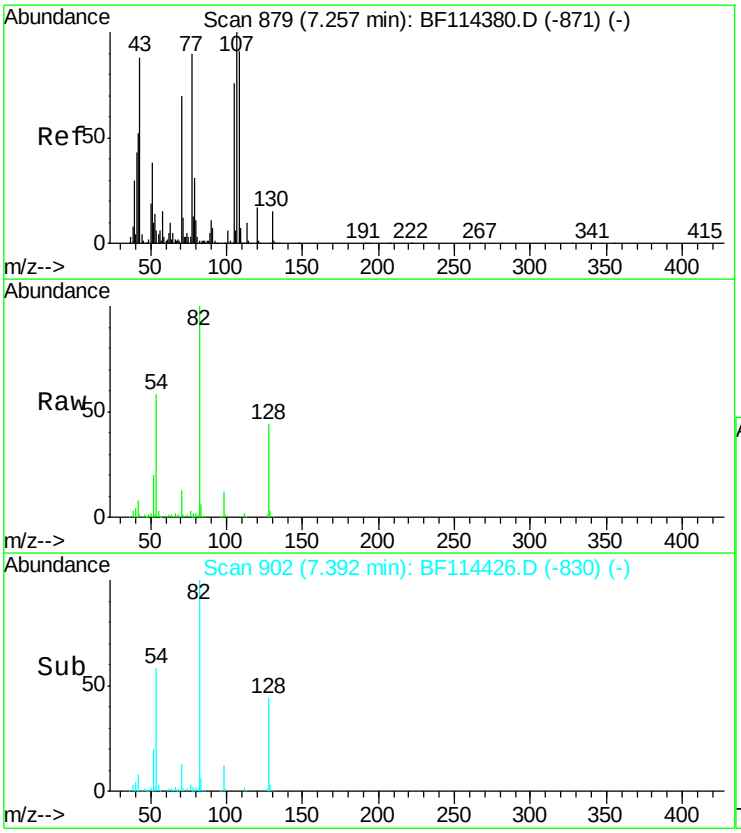
#15
Benzyl Alcohol
Concen: 35.865 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion: 79 Resp: 5631

Ion	Ratio	Lower	Upper
79	100		
108	27.7	62.1	93.1#
77	92.6	51.0	76.6#

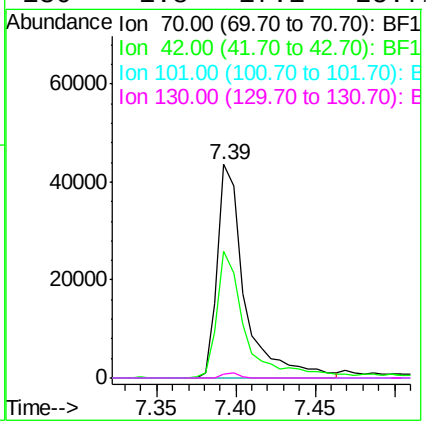


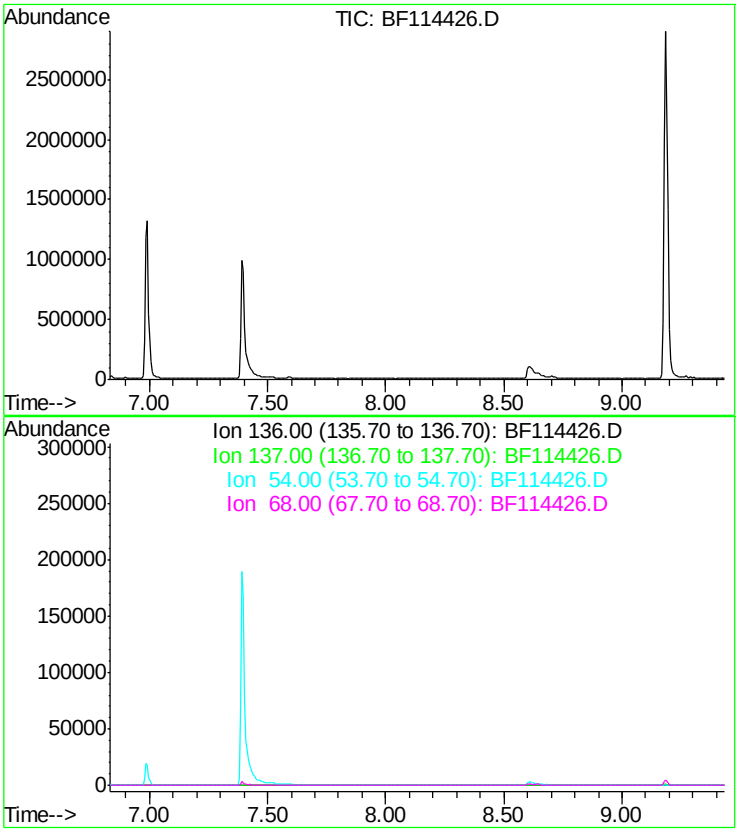


#19
n-Nitroso-di-n-propylamine
Concen: 412.607 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.12 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion: 70 Resp: 52647

Ion	Ratio	Lower	Upper
70	100		
42	59.3	58.6	87.8
101	0.0	7.8	11.8#
130	1.8	17.1	25.7#





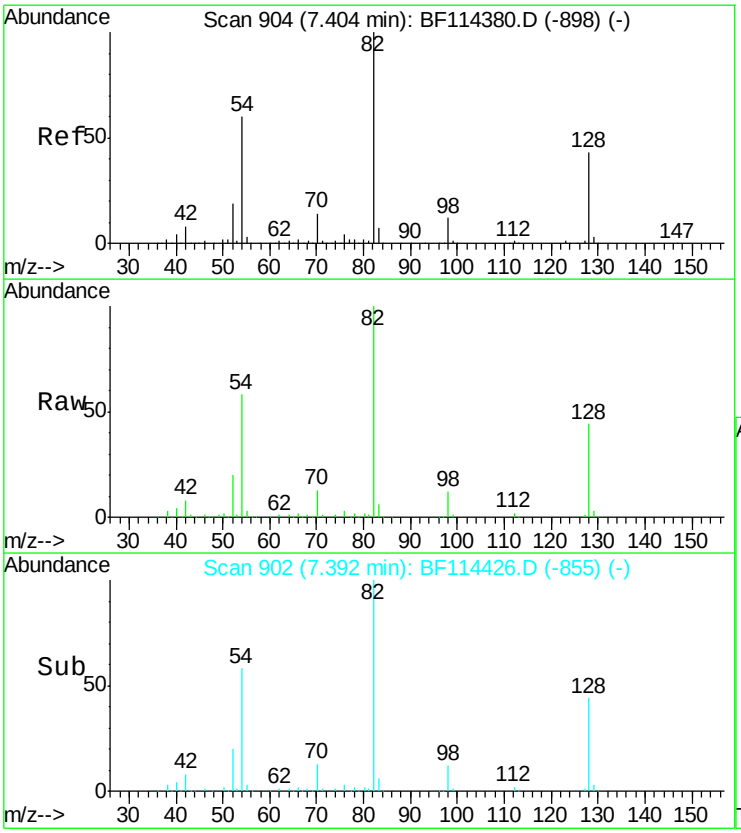
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.13 min

Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	9.8
68	6.4

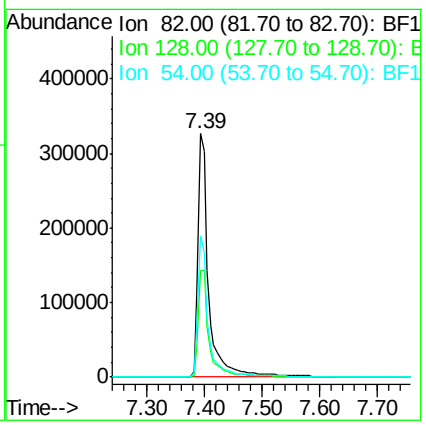
Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

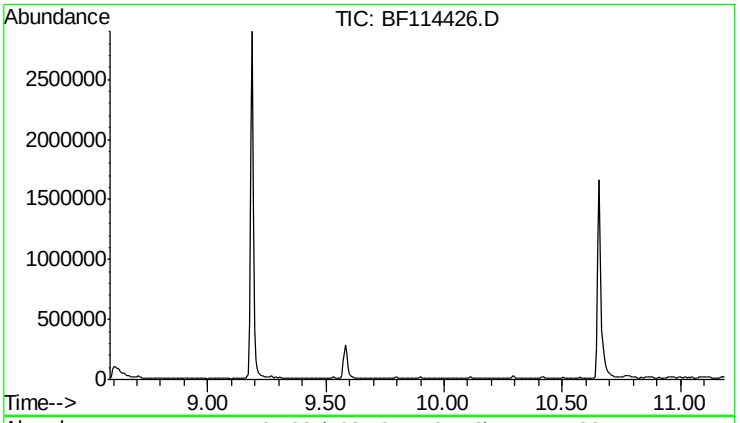


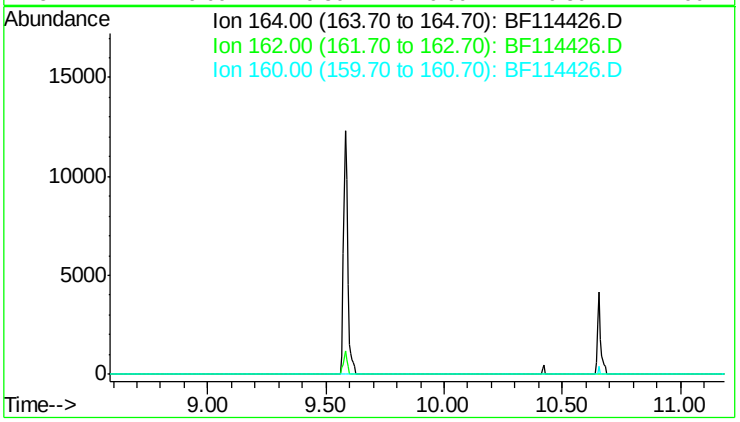
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion: 82 Resp: 427886

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.5	53.3
54	58.0	48.5	72.7







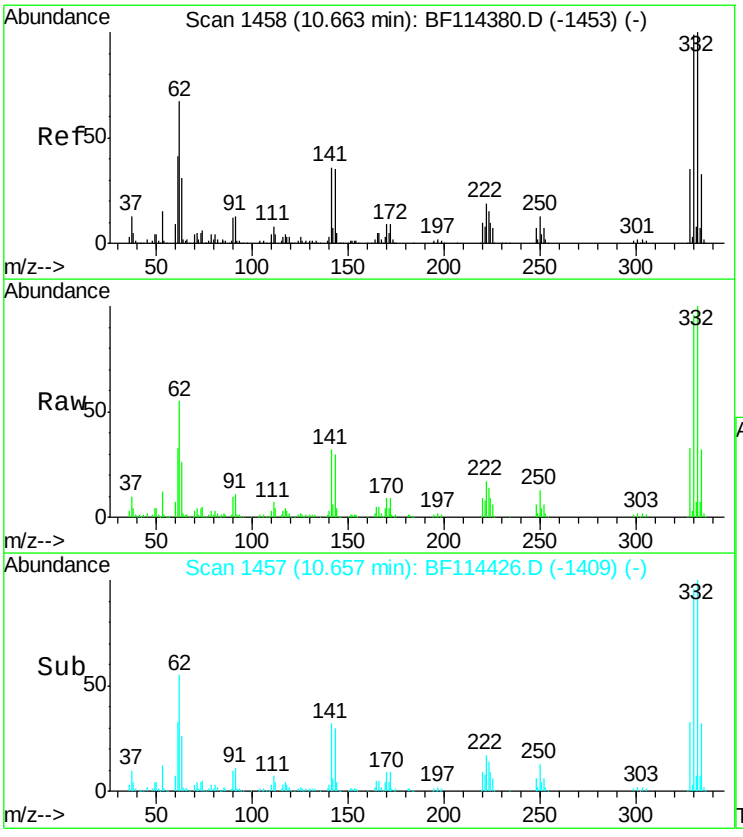
#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 9.89 min

Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	100.7
160	45.6

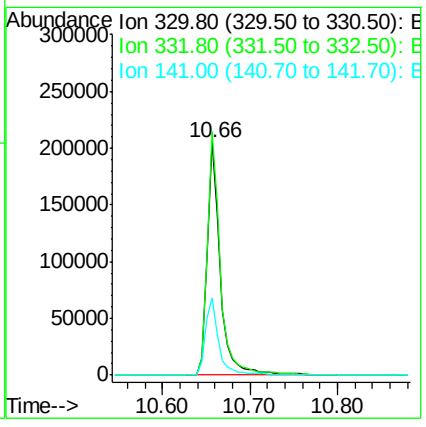
Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

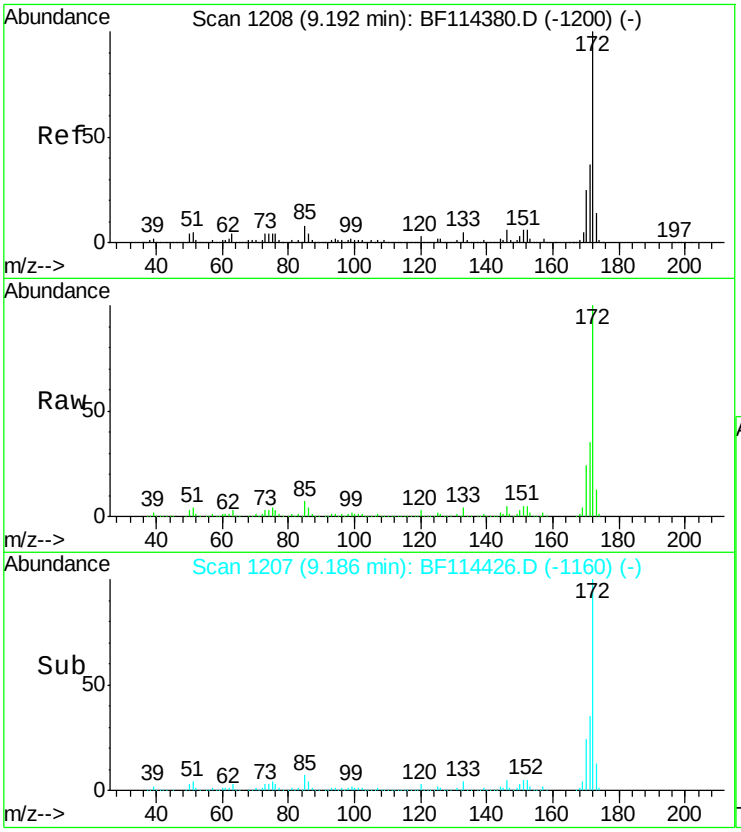


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:330 Resp: 215485

Ion	Ratio	Lower	Upper
330	100		
332	104.0	81.4	122.2
141	34.2	26.6	40.0



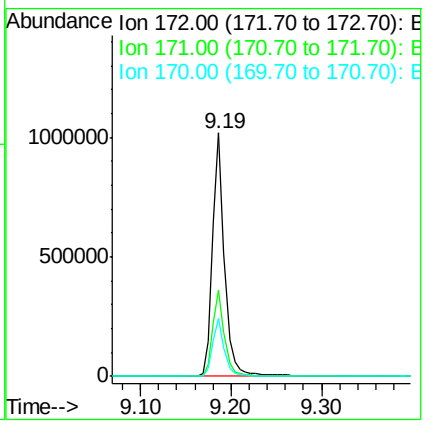


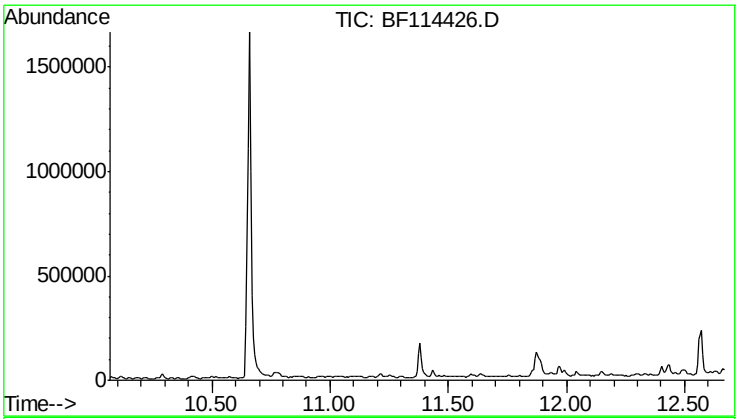
#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:172 Resp: 949778

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.7	46.1
170	23.8	20.5	30.7



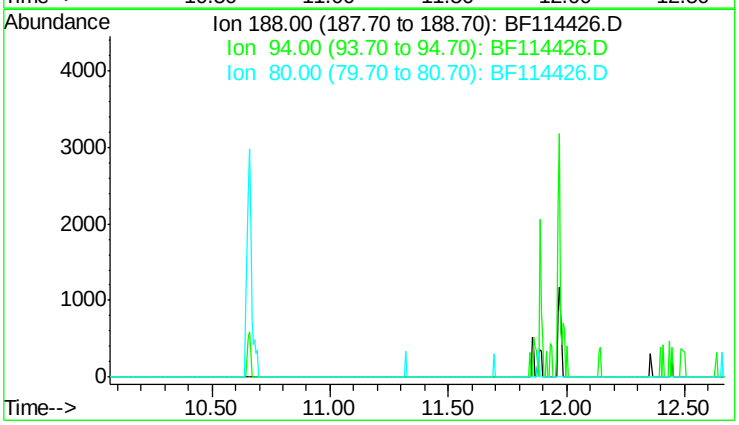


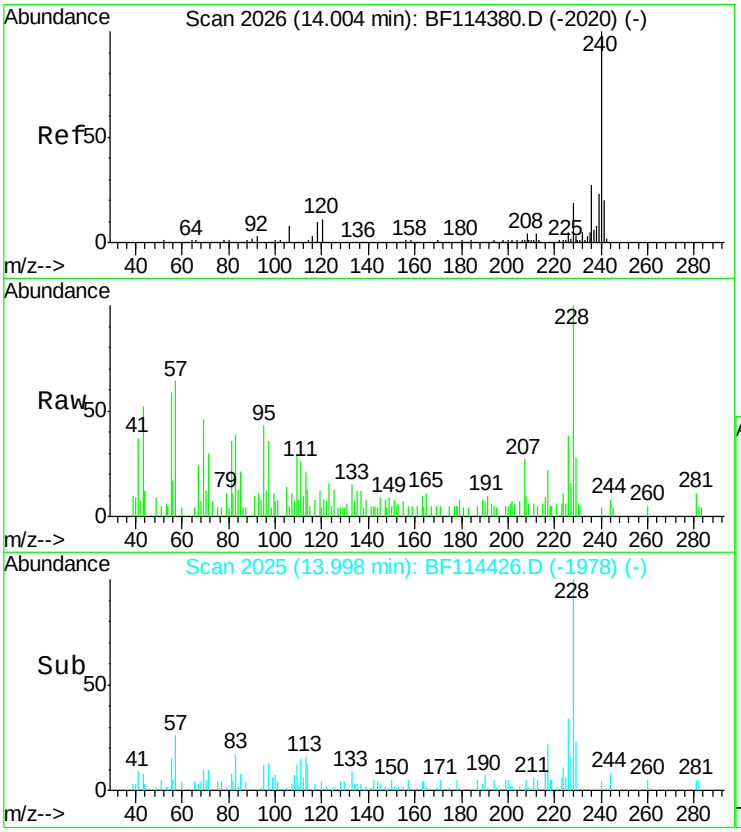
#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 11.37 min

Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	10.5
80	11.5



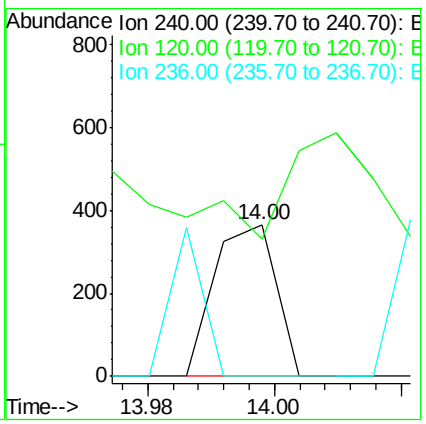


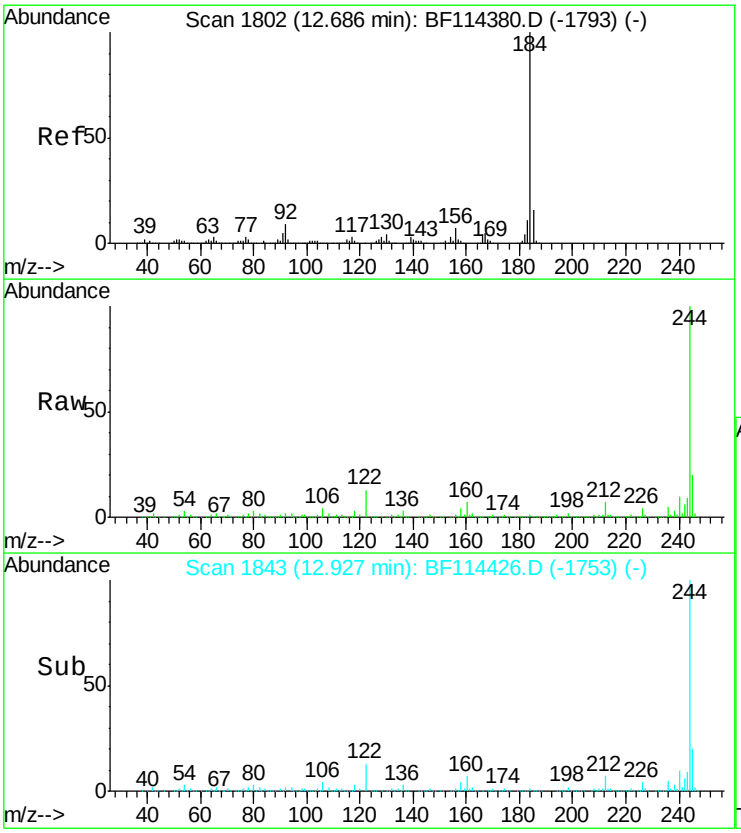
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:240 Resp: 244

Ion	Ratio	Lower	Upper
240	100		
120	90.2	8.3	12.5#
236	0.0	20.8	31.2#

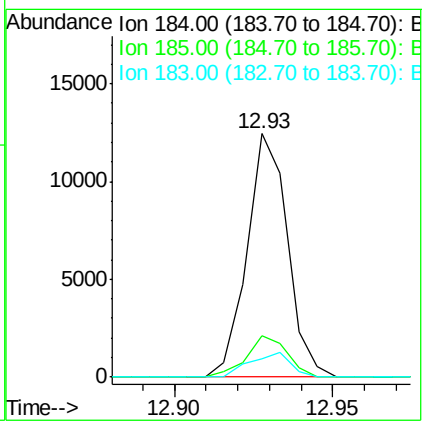


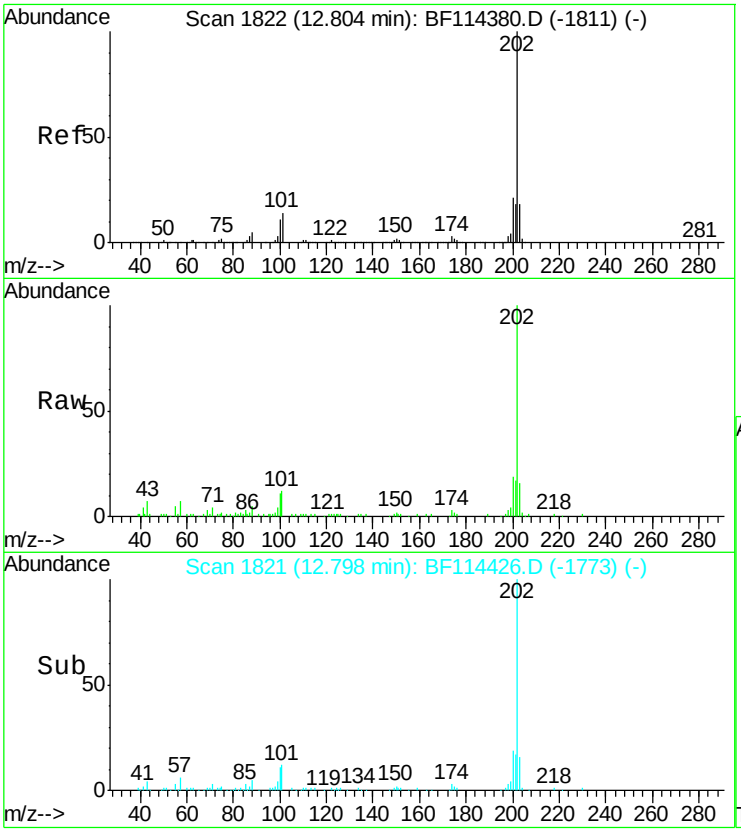


#77
Benzidine
Concen: 1005.773 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.23 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:184 Resp: 11016

Ion	Ratio	Lower	Upper
184	100		
185	17.2	13.6	20.4
183	7.7	9.2	13.8#



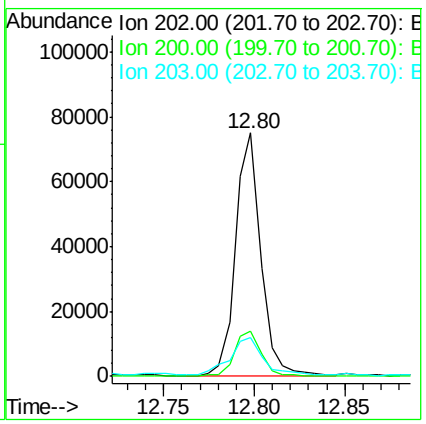


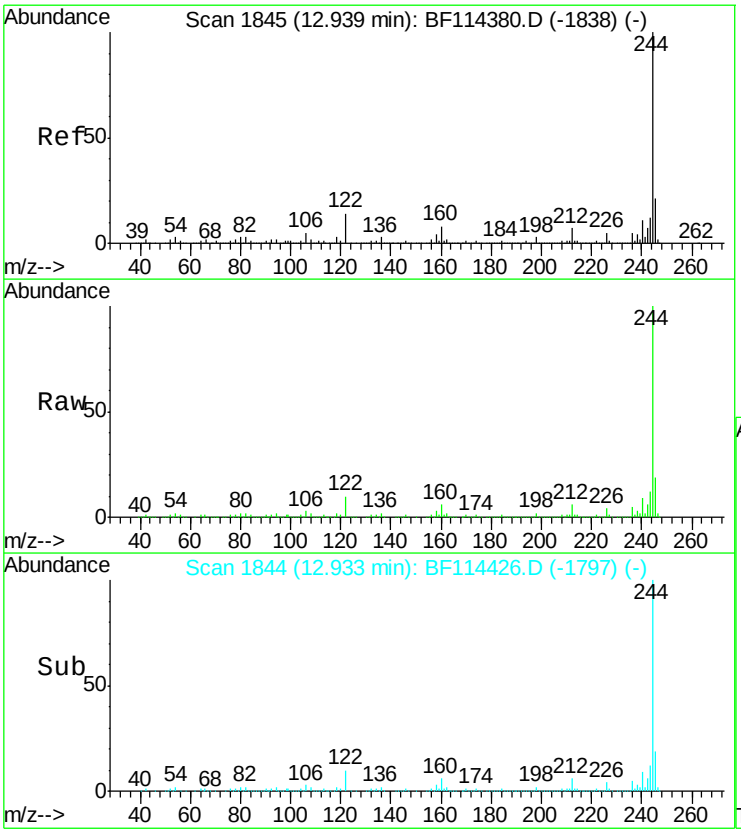
#78
Pyrene
Concen: 3745.553 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:202 Resp: 73520

Ion	Ratio	Lower	Upper
202	100		
200	18.5	16.9	25.3
203	16.2	14.5	21.7

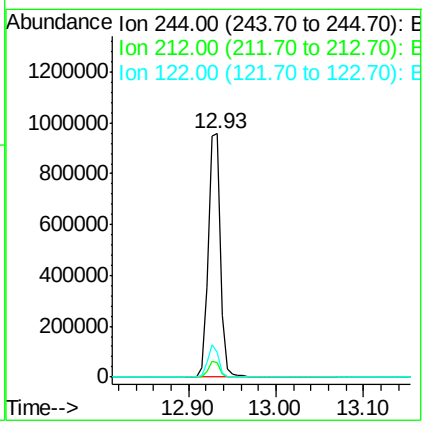


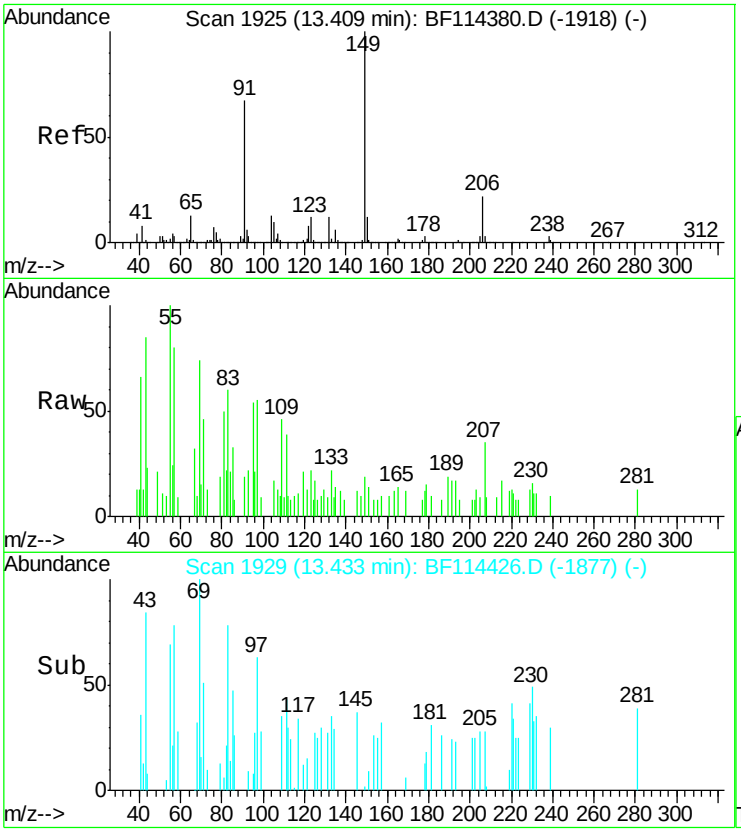


#79
Terphenyl-d14
Concen: 78069.814 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:244 Resp: 924068

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.8	8.6
122	10.0	9.4	14.2



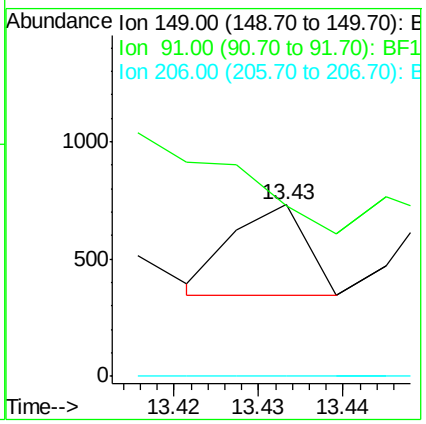


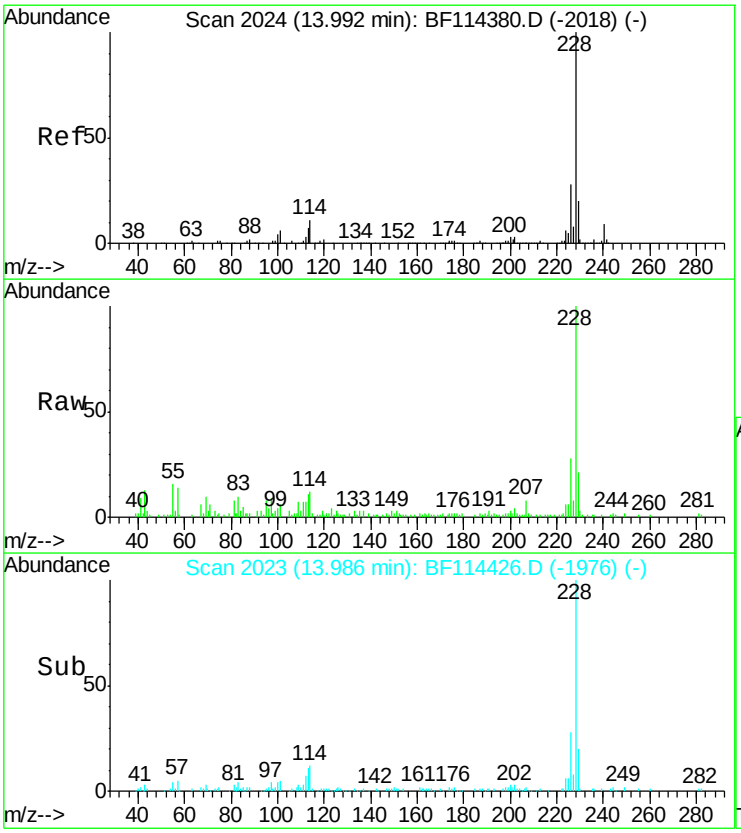
#80
Butylbenzylphthalate
Concen: 28.565 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:149 Resp: 236

Ion	Ratio	Lower	Upper
149	100		
91	99.3	55.0	82.4#
206	0.0	16.9	25.3#

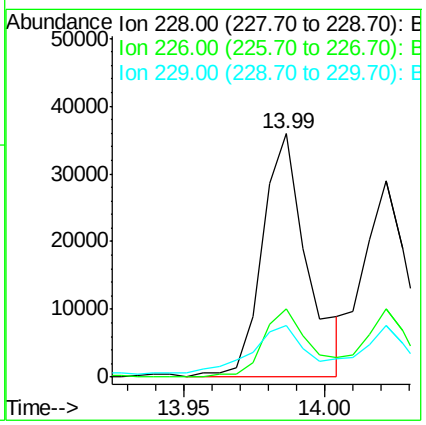


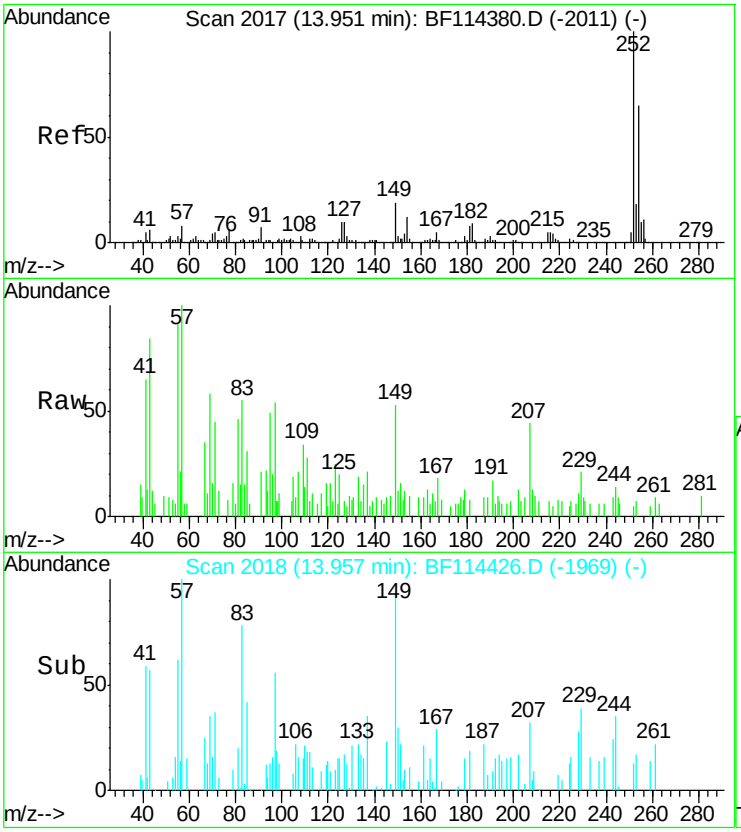


#81
Benzo(a)anthracene
Concen: 2520.309 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:228 Resp: 39775

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	21.4	16.4	24.6



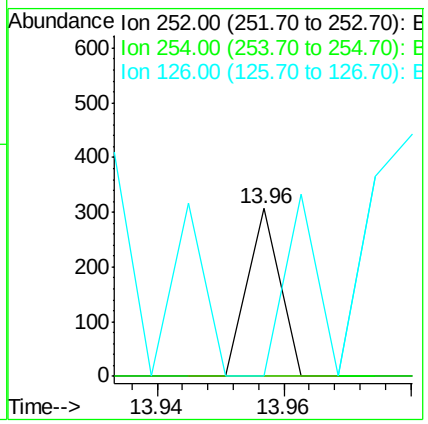


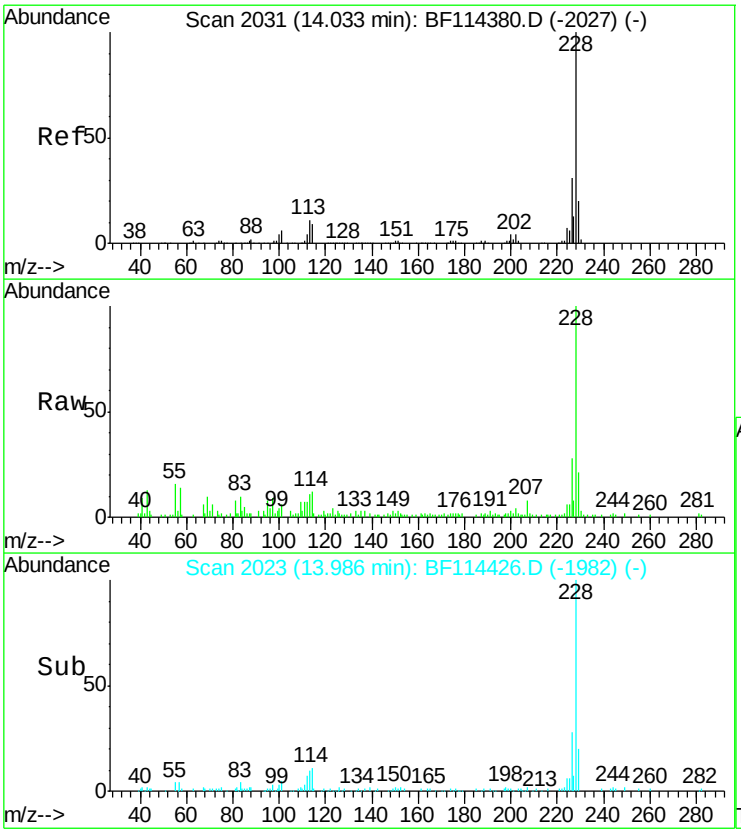
#82
3,3'-Dichlorobenzidine
Concen: 17.641 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:252 Resp: 108

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.9	77.9#
126	0.0	7.9	11.9#

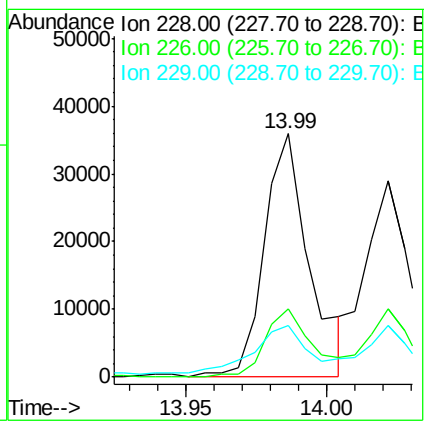


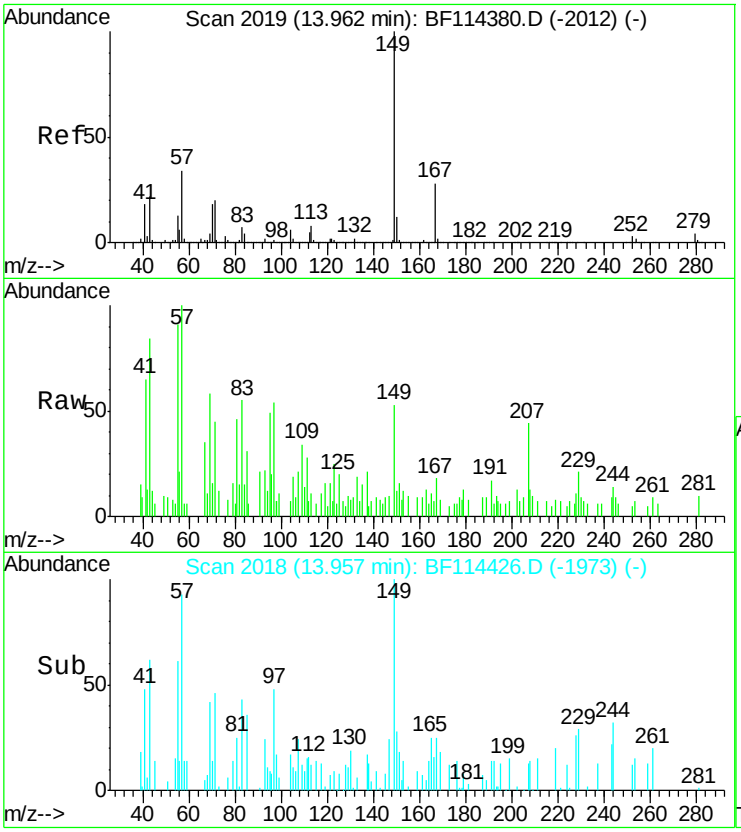


#83
Chrysene
Concen: 2571.003 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.06 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:228 Resp: 39775

Ion	Ratio	Lower	Upper
228	100		
226	27.9	25.0	37.6
229	21.4	17.0	25.6



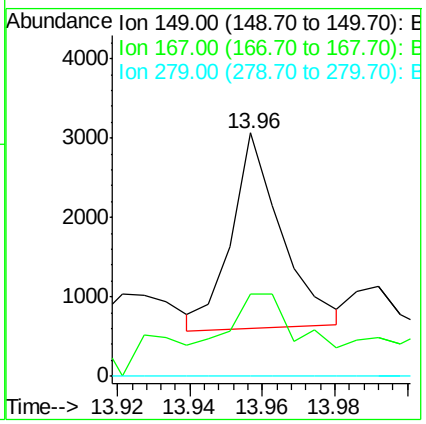


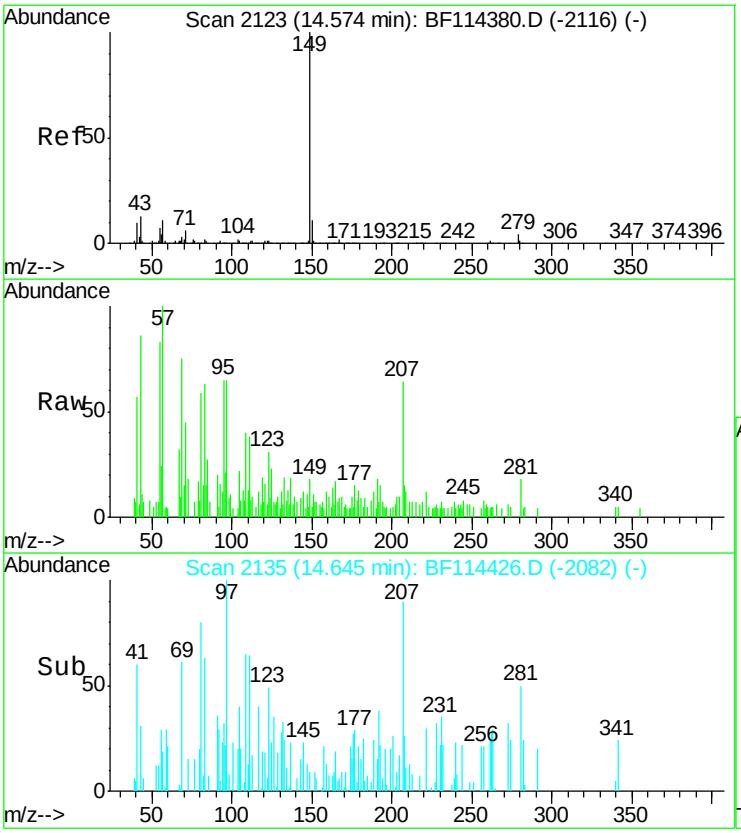
#84
Bis(2-ethylhexyl)phthalate
Concen: 218.131 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.04 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:149 Resp: 2357

Ion	Ratio	Lower	Upper
149	100		
167	33.9	22.6	33.8#
279	0.0	3.0	4.6#

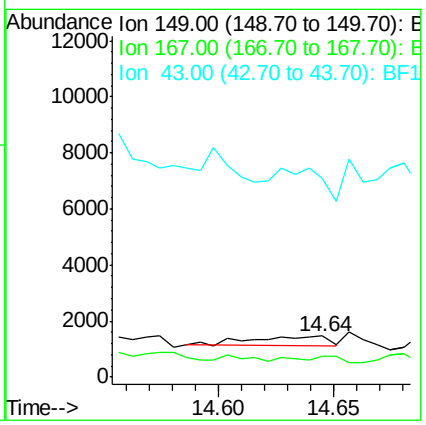


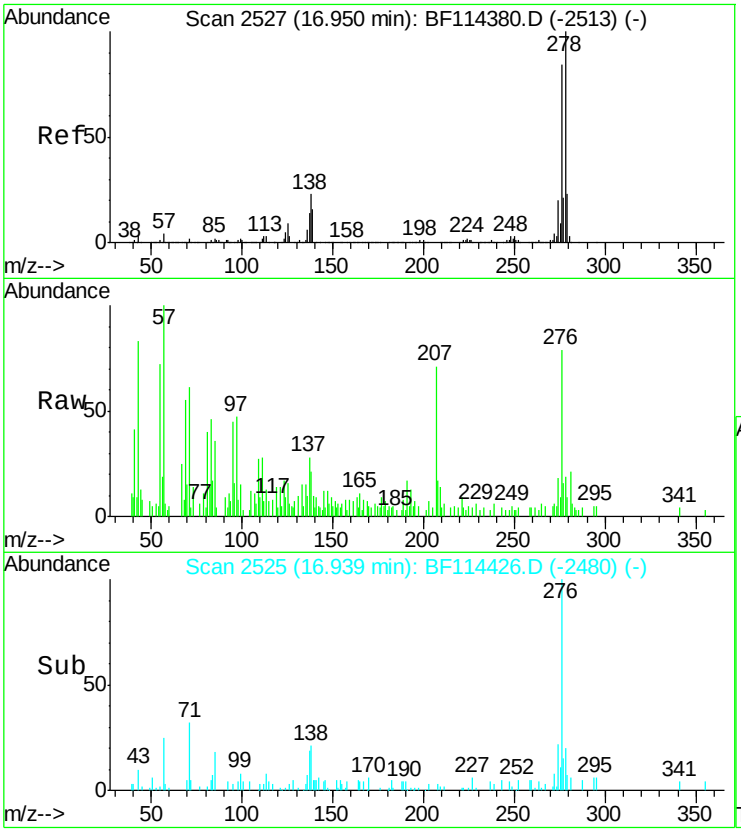


#85
Di-n-octyl phthalate
Concen: 42.931 ng
RT: 14.64 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:149 Resp: 752

Ion	Ratio	Lower	Upper
149	100		
167	23.4	1.3	1.9#
43	105.1	10.1	15.1#



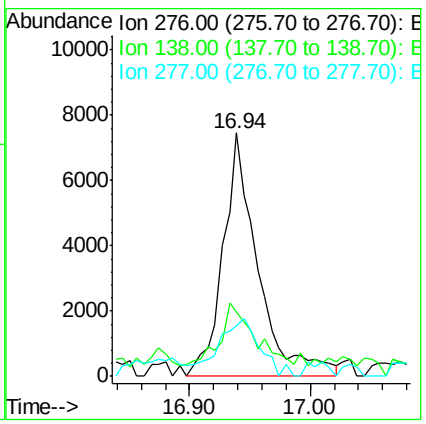


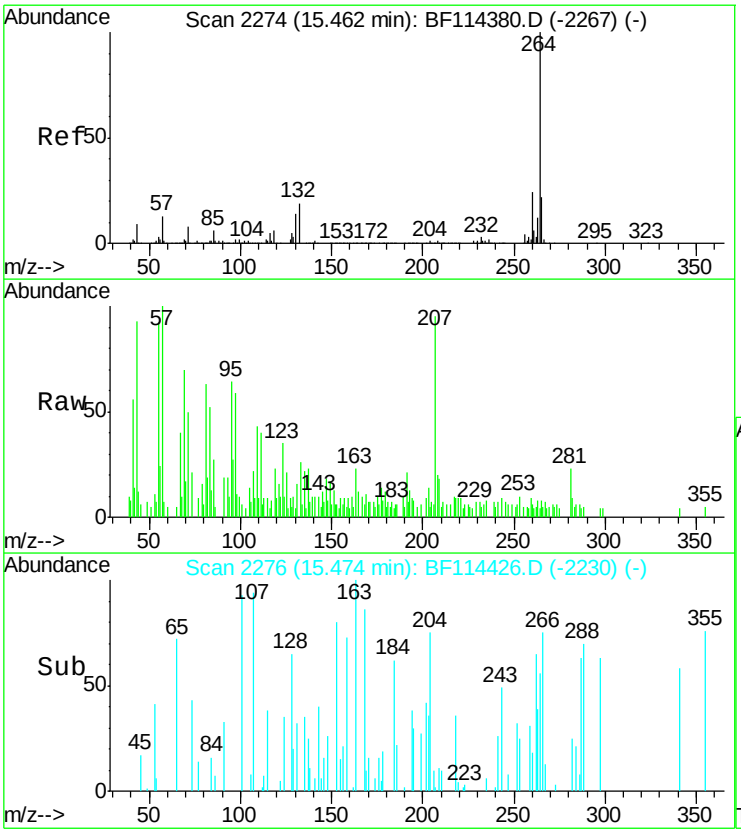
#86
Indeno(1,2,3-cd)pyrene
Concen: 1089.986 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.04 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:276 Resp: 14903

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.2	30.2
277	28.3	20.0	30.0

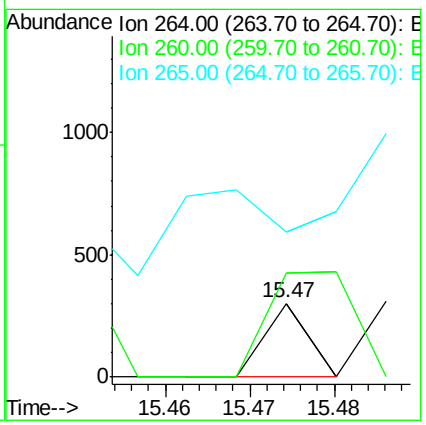


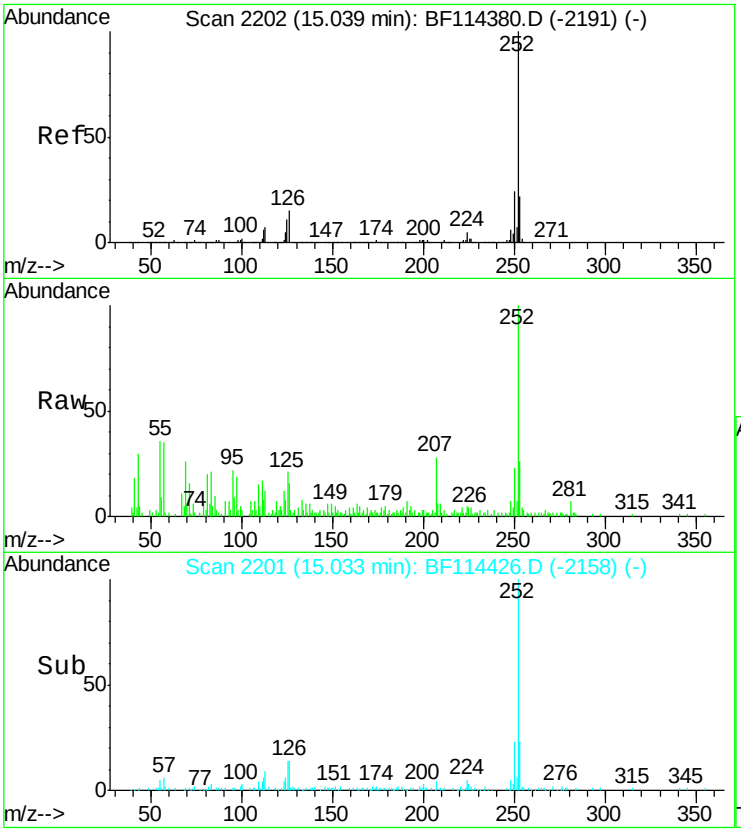


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:264 Resp: 106

Ion	Ratio	Lower	Upper
264	100		
260	141.3	19.4	29.0#
265	198.3	16.9	25.3#



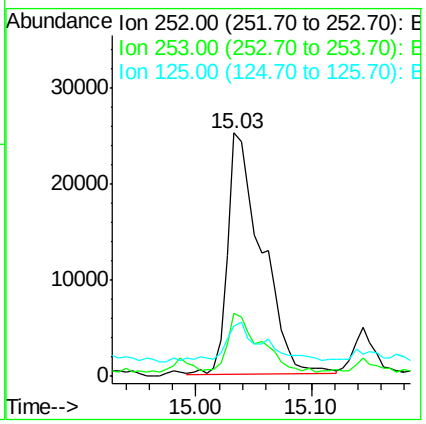


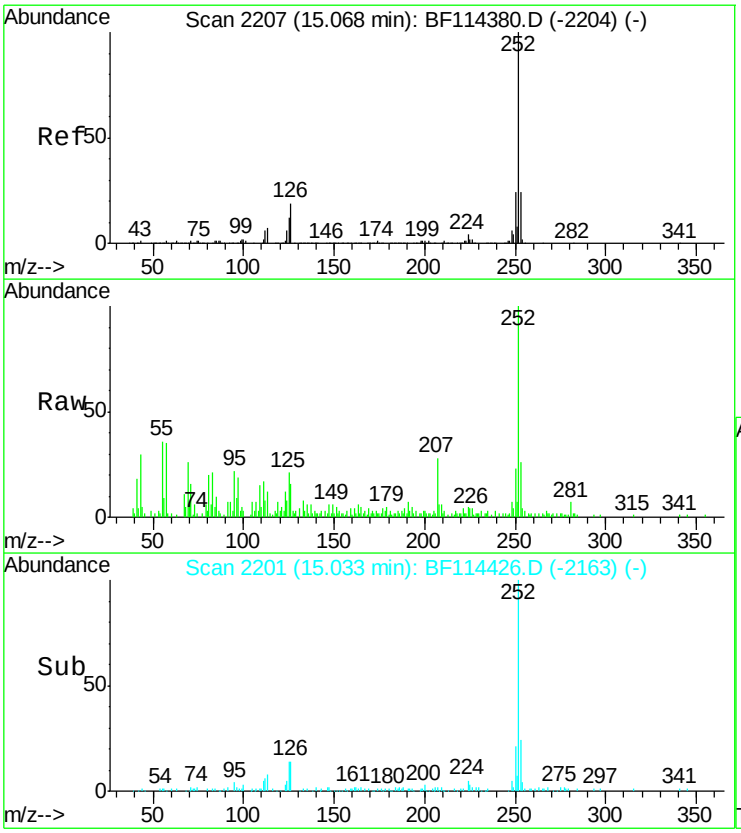
#88
Benzo(b)fluoranthene
Concen: 7561.221 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.05 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:252 Resp: 51348

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.8
125	20.9	8.3	12.5#

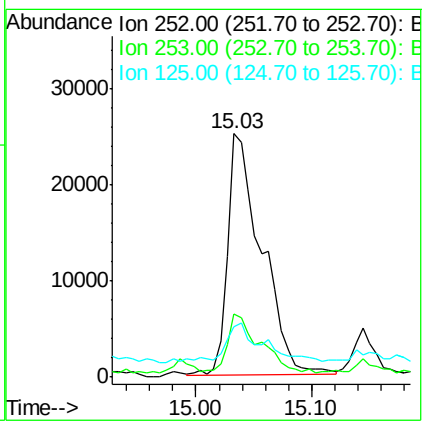


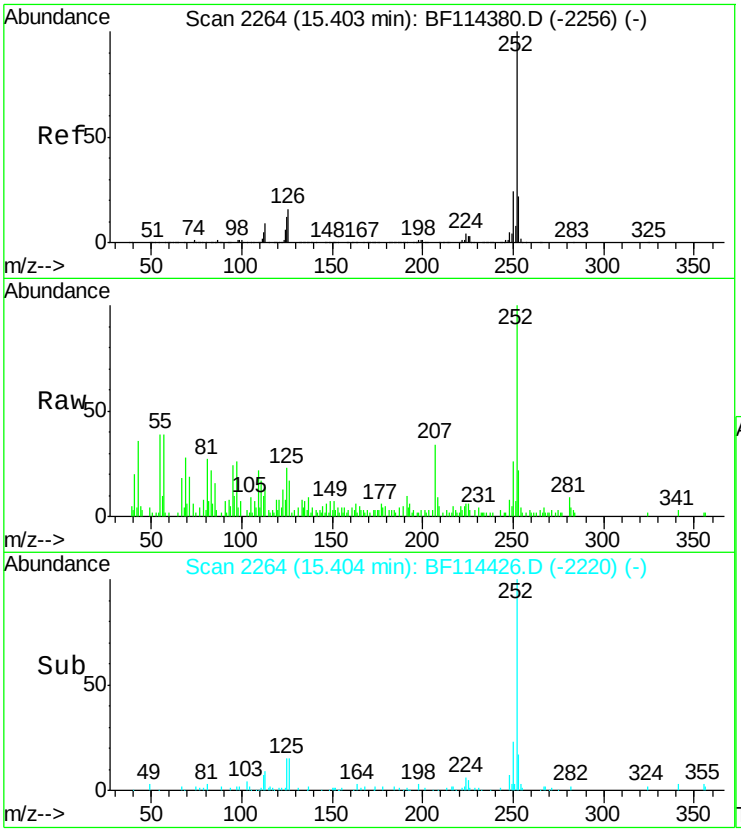


#89
Benzo(k)fluoranthene
Concen: 8231.240 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.08 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:252 Resp: 51348

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	20.9	8.6	13.0#



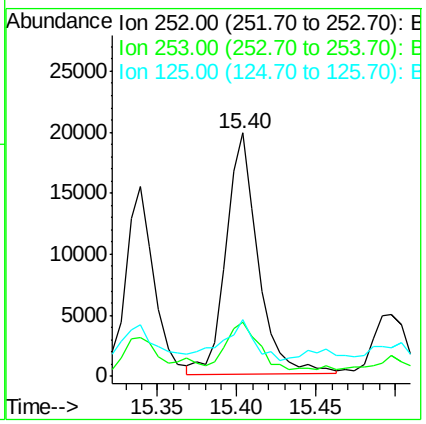


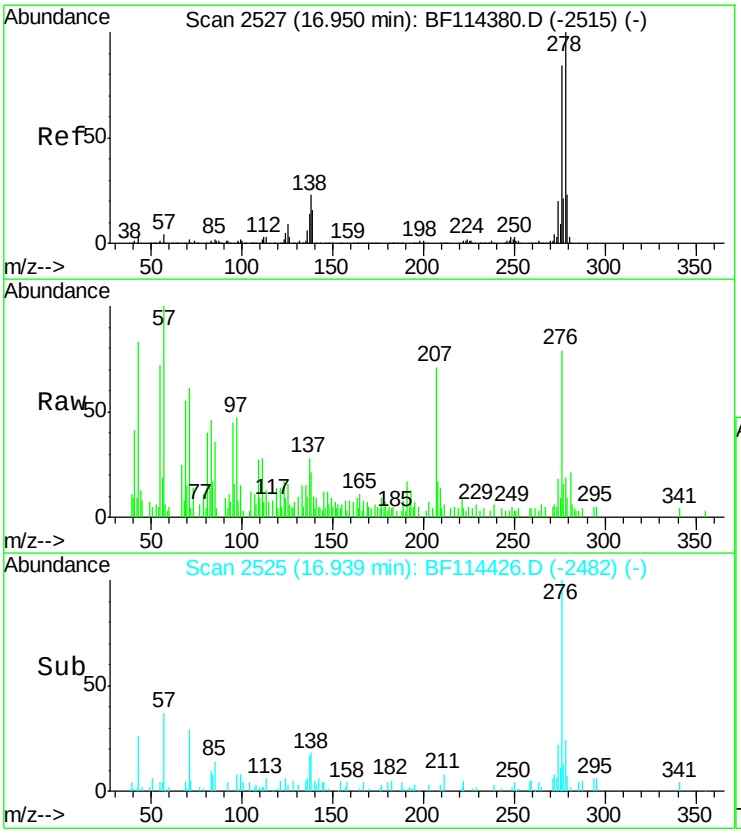
#90
Benzo(a)pyrene
Concen: 4608.636 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.04 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:252 Resp: 27544

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	23.0	9.5	14.3#

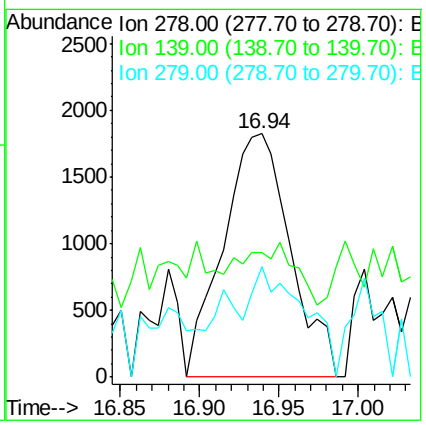


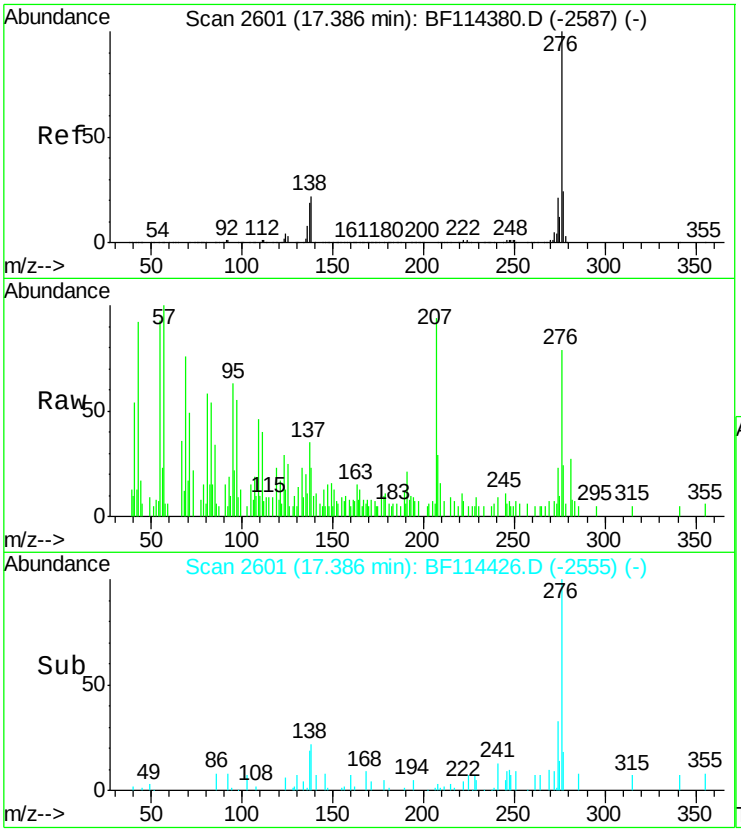


#91
Dibenzo(a,h)anthracene
Concen: 1085.116 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.05 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Tgt Ion:278 Resp: 5389

Ion	Ratio	Lower	Upper
278	100		
139	51.1	13.5	20.3#
279	45.2	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 2501.926 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.03 min
Lab File: BF114426.D
Acq: 19 May 2019 8:01

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RX

Tgt Ion:276 Resp: 12452

Ion	Ratio	Lower	Upper
276	100		
277	29.9	19.0	28.4#
138	29.4	17.8	26.6#