Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116036.D
Acq On : 7 Aug 2019 3:39
Operator : HP/JU
Sample : K4090-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-080219-A

Quant Time: Aug 07 06:48:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	125261	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	486949	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	246273	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	393523	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	321530	20.00	ng		-0.03
87) Perylene-d12	15.47	264	353518	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	353700	47.27	ng		0.00
7) Phenol-d6	6.47	99	479893	50.83	ng		-0.02
23) Nitrobenzene-d5	7.40	82	300590	35.63	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	87915	36.82	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	577058	43.89	ng		-0.02
79) Terphenyl-d14	12.94	244	520397	34.10	ng		-0.03
Target Compounds							Qvalue
6) Aniline	6.61	93	378	0.028	ng	#	1
9) Benzaldehyde	6.47	77	571	0.088	ng	#	1
10) Phenol	6.49	94	7015	0.631	ng	#	35
11) bis(2-Chloroethyl)ether	6.61	93	378	0.046	ng	#	1
15) Benzyl Alcohol	7.00	79	5165	0.721	ng	#	43
24) Nitrobenzene	7.40	77	795	0.087	ng	#	34
31) Naphthalene	8.15	128	951	0.042	ng	#	68
37) 2-Methylnaphthalene	8.85	142	622	0.041	ng	#	78
38) 1-Methylnaphthalene	8.94	142	623	0.044	ng	#	87
46) 1,1'-Biphenyl	9.30	154	912	0.052	ng		87
48) 2-Nitroaniline	9.59	65	448	0.094	ng	#	1
49) Acenaphthylene	9.74	152	6147	0.291	ng		98
50) Dimethylphthalate	9.59	163	41539	2.477	ng		99
52) Acenaphthene	9.91	154	809	0.062	ng		96
55) Dibenzofuran	10.09	168	699	0.037	ng	#	73
56) 4-Nitrophenol	10.09	139	108	0.037	ng	#	9
58) Fluorene	10.43	166	2154	0.149	ng	#	95
60) Diethylphthalate	10.29	149	428	0.027	ng	#	58
63) Azobenzene	10.59	77	575	0.036	ng	#	1
66) n-Nitrosodiphenylamine	10.54	169	522	0.044	ng	#	24
67) 4-Bromophenyl-phenylether	10.66	248	4867	1.155	ng	#	1
71) Phenanthrene	11.39	178	20359	1.012	ng		98
73) Carbazole	11.60	167	1498	0.081	ng	#	68
74) Di-n-butylphthalate	11.92	149	1743	0.081	ng	#	77
75) Fluoranthene	12.57	202	44452	2.111	ng		99
77) Benzidine	12.94	184	7263	0.669	ng	#	89
78) Pyrene	12.80	202	50575	2.087	ng		98
80) Butylbenzylphthalate	13.42	149	220	0.021	ng	#	37
81) Benzo(a)anthracene	13.99	228	23218	1.130	ng	#	85
82) 3,3'-Dichlorobenzidine	13.96	252	792	0.111	ng	#	73
83) Chrysene	14.03	228	27679	1.387	ng	#	96
84) Bis(2-ethylhexyl)phthalate	13.97	149	1949	0.146	ng	#	64
85) Di-n-octyl phthalate	14.56	149	175	0.008	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.94	276	12547	0.749	ng	#	92

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116036.D
Acq On : 7 Aug 2019 3:39
Operator : HP/JU
Sample : K4090-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-080219-A

Quant Time: Aug 07 06:48:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
90) Benzo(a)pyrene	15.40	252	22870	1.252	ng	#	77
91) Dibenzo(a,h)anthracene	16.94	278	4101	0.259	ng	#	32
92) Benzo(g,h,i)perylene	17.39	276	13932	0.897	ng	#	91

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
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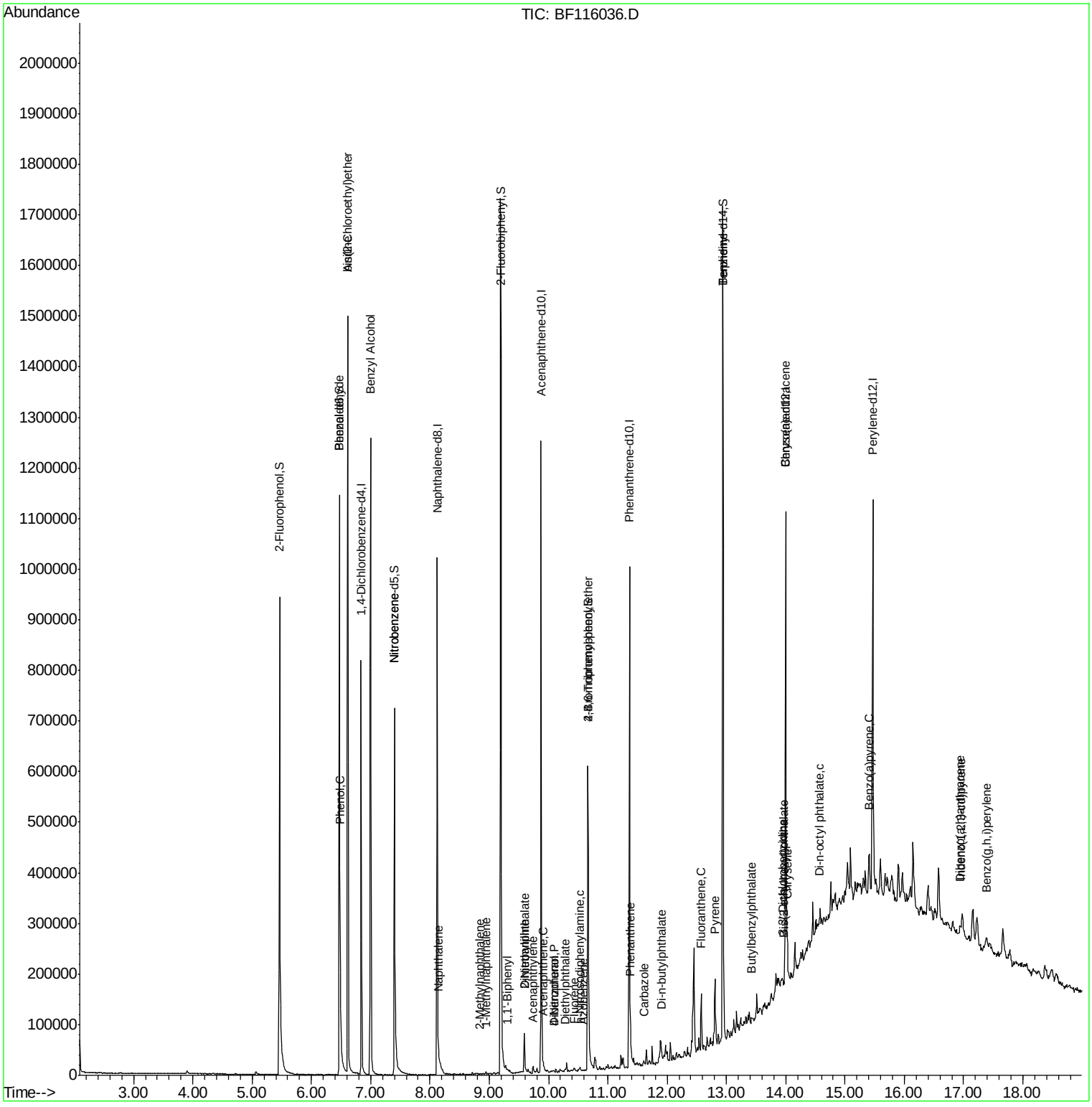
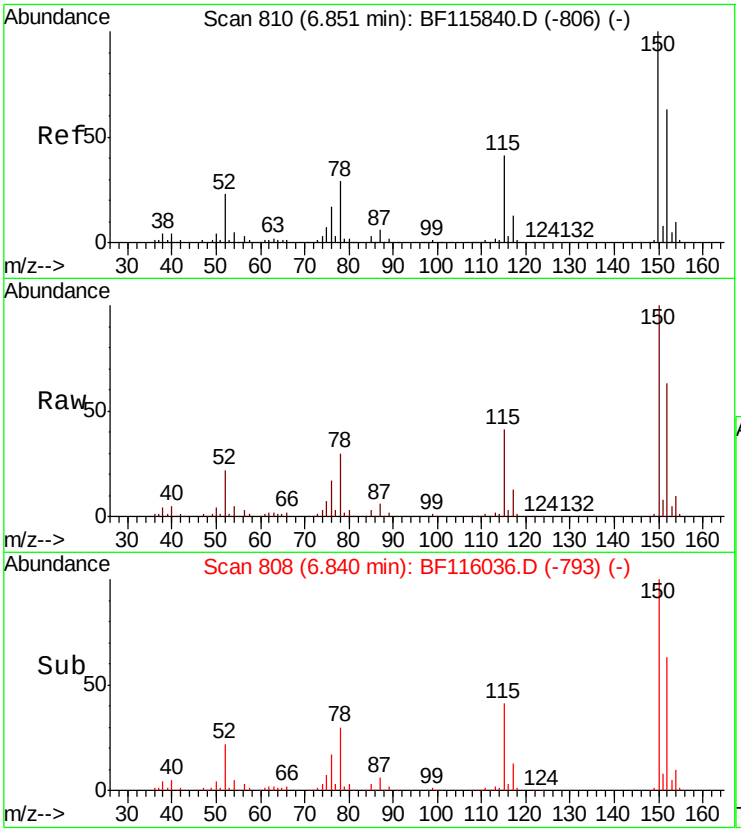
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration



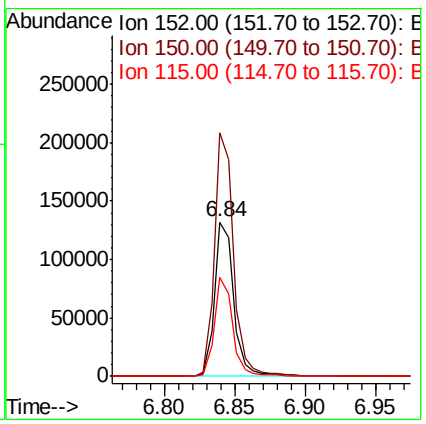


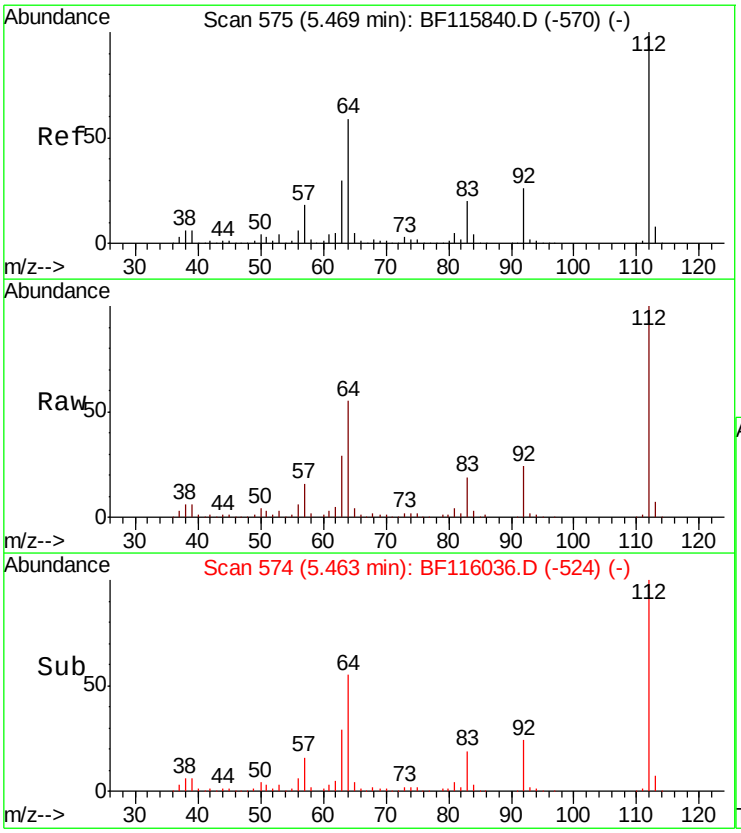
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:152 Resp: 125261

Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.4	191.0
115	64.0	51.8	77.8

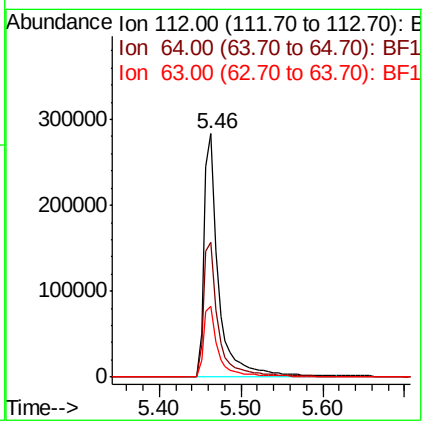


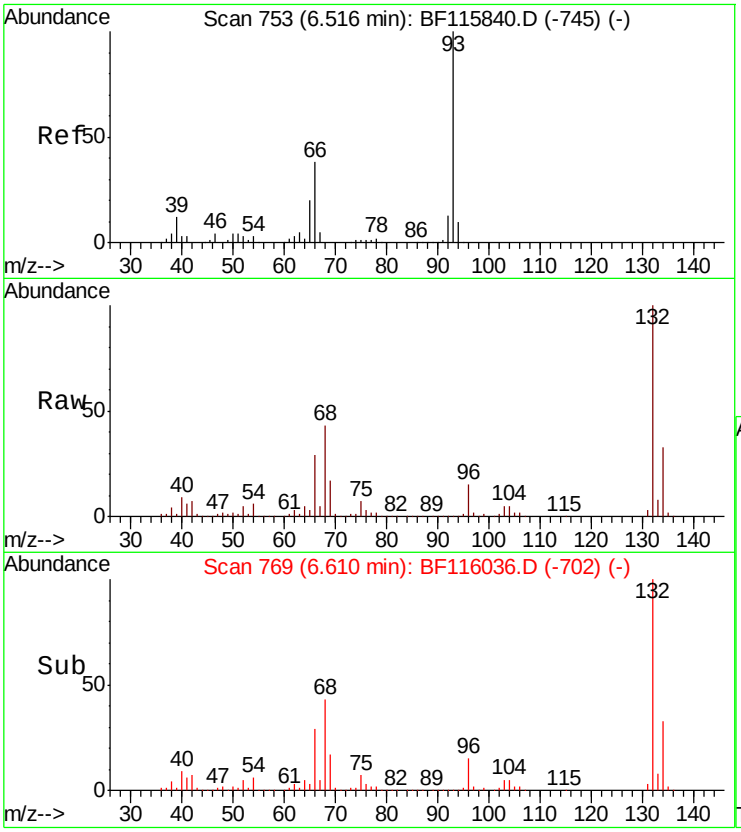


#5
2-Fluorophenol
Concen: 47.271 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:112 Resp: 353700

Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.8	70.2
63	29.0	24.2	36.2



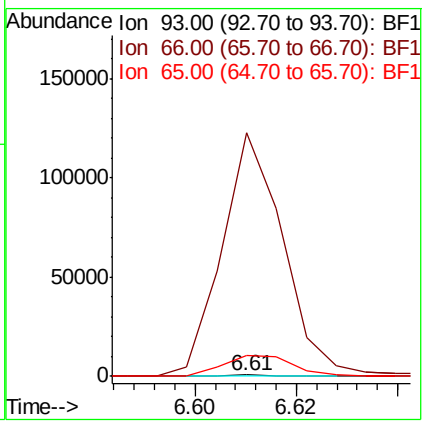


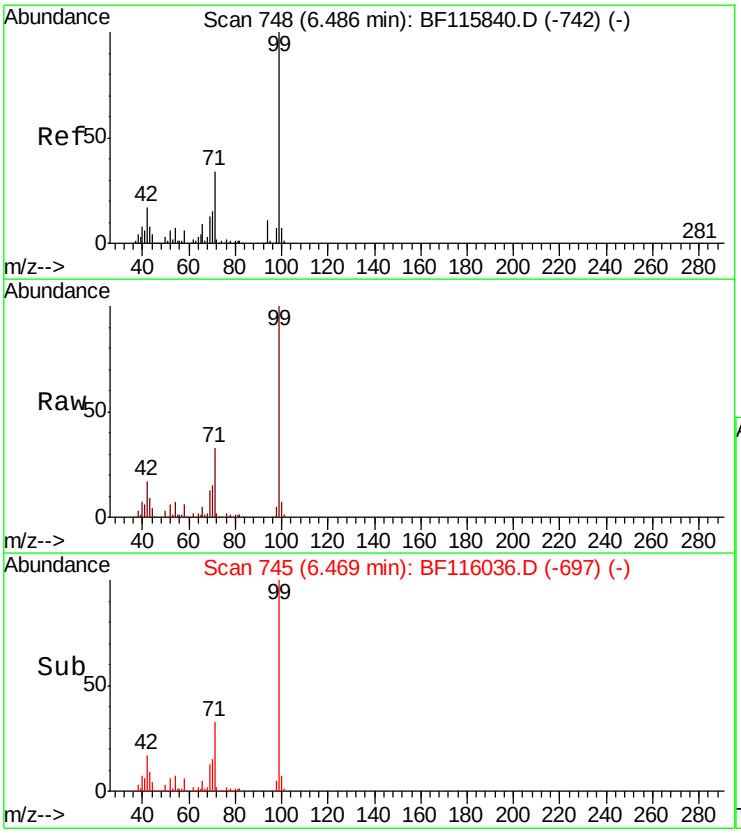
#6
Aniline
Concen: 0.028 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.09 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion: 93 Resp: 378

Ion	Ratio	Lower	Upper
93	100		
66	21809.3	31.4	47.0#
65	1926.0	16.5	24.7#

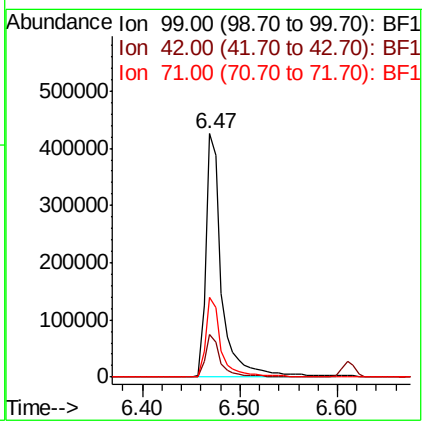


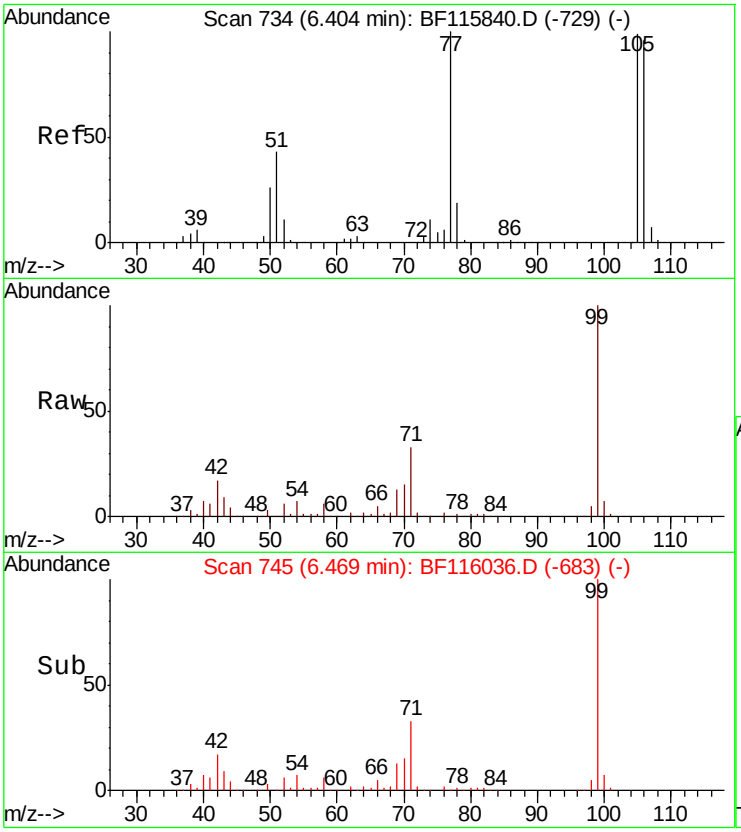


#7
Phenol-d6
Concen: 50.834 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion: 99 Resp: 479893

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.8	20.6
71	32.6	27.1	40.7



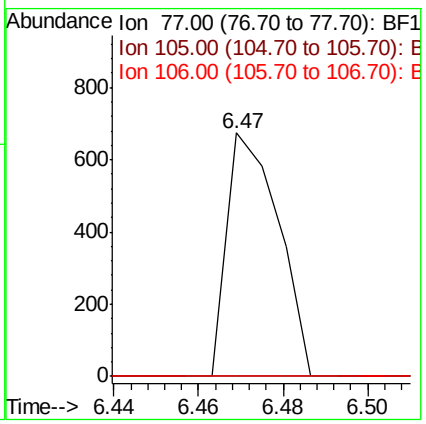


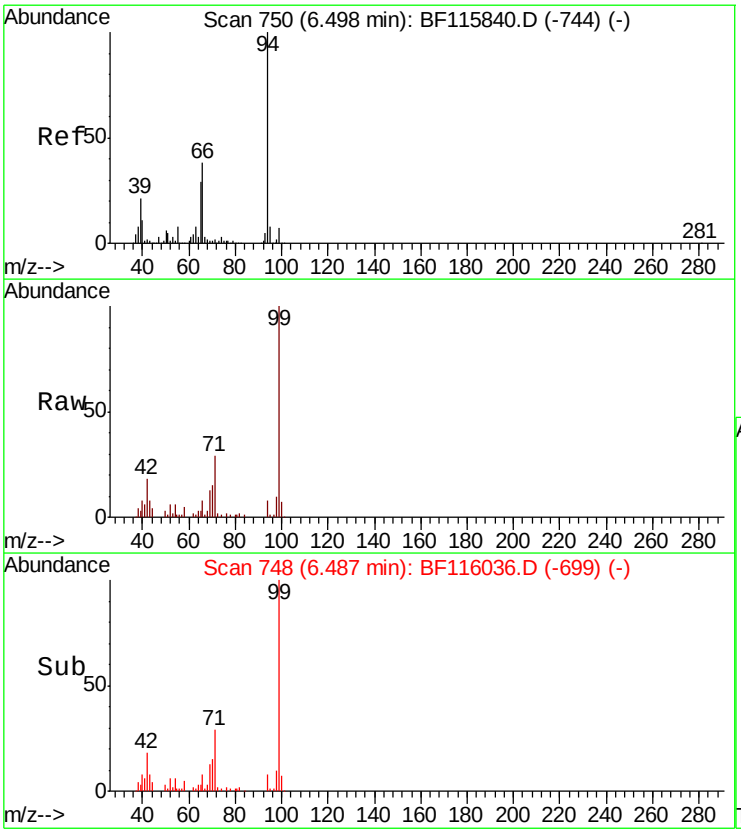
#9
Benzaldehyde
Concen: 0.088 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.06 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion: 77 Resp: 571

Ion	Ratio	Lower	Upper
77	100		
105	0.0	79.0	119.0#
106	0.0	76.2	116.2#

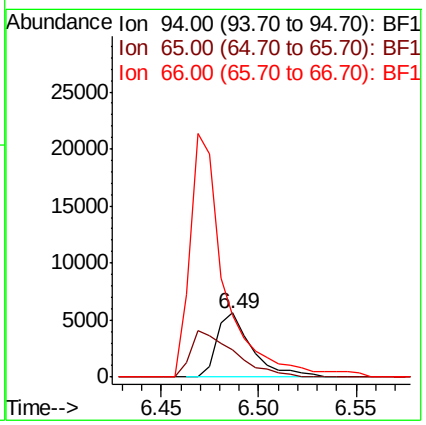


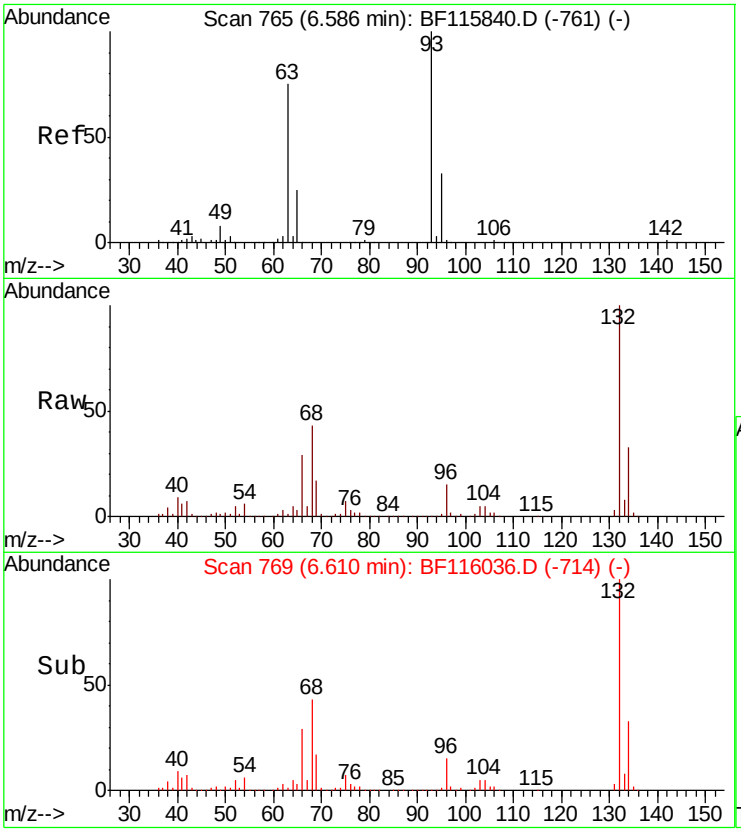


#10
Phenol
Concen: 0.631 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion: 94 Resp: 7015

Ion	Ratio	Lower	Upper
94	100		
65	41.9	8.9	48.9
66	96.3	18.0	58.0#



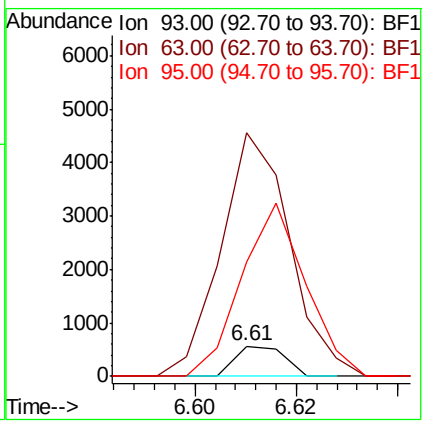


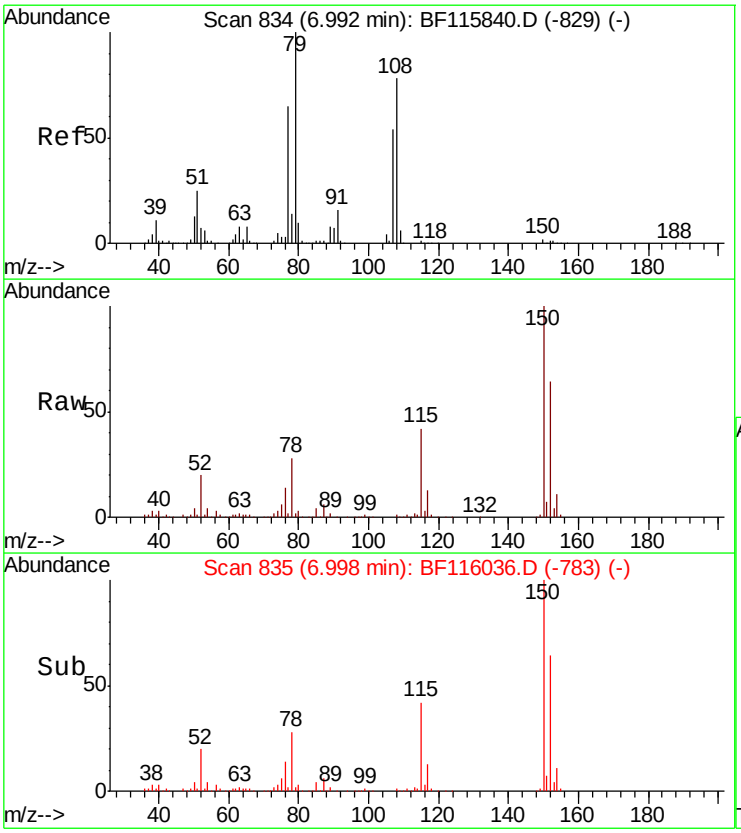
#11
bis(2-Chloroethyl)ether
Concen: 0.046 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion: 93 Resp: 378

Ion	Ratio	Lower	Upper
93	100		
63	810.7	54.9	94.9#
95	379.4	13.3	53.3#

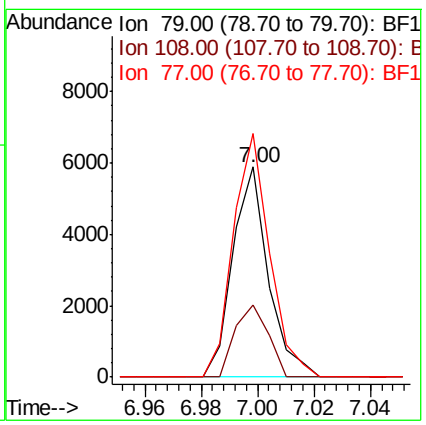


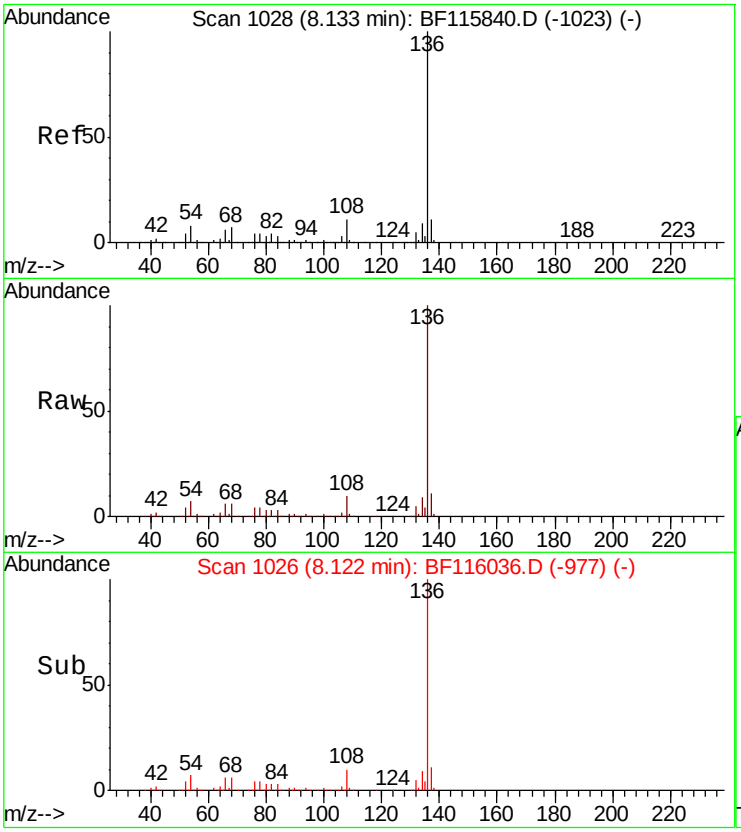


#15
Benzyl Alcohol
Concen: 0.721 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion: 79 Resp: 5165

Ion	Ratio	Lower	Upper
79	100		
108	34.4	62.8	94.2#
77	116.0	52.0	78.0#



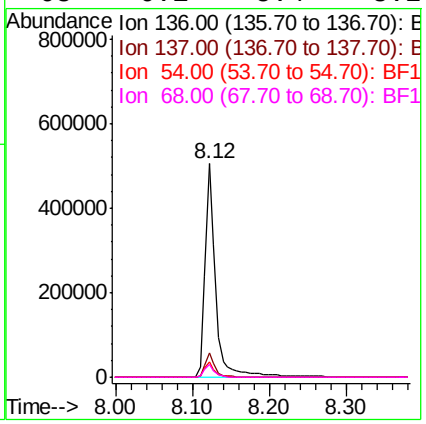


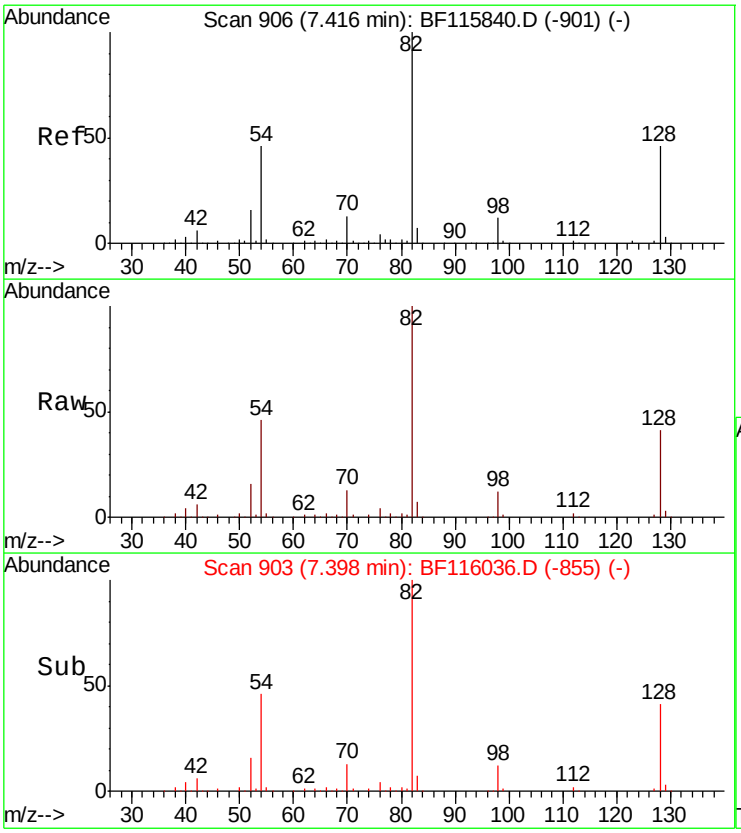
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:136 Resp: 486949

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.2	6.1	9.1
68	6.1	5.4	8.2

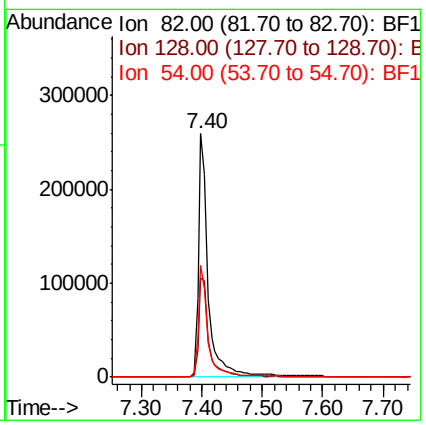


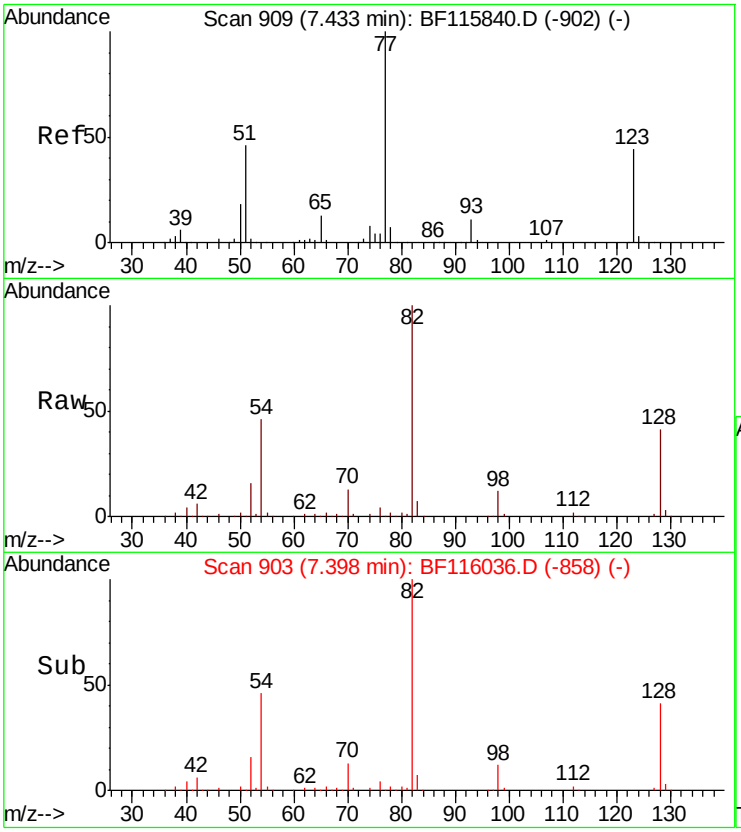


#23
Nitrobenzene-d5
Concen: 35.632 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion: 82 Resp: 300590

Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.6	55.0
54	46.0	36.6	55.0



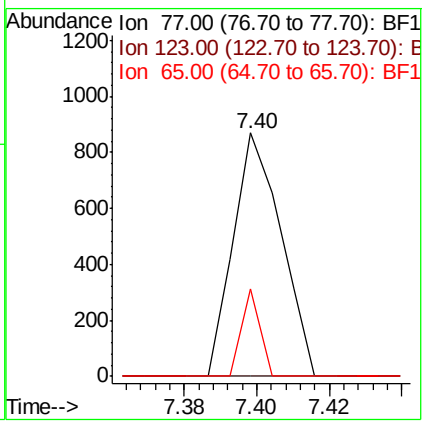


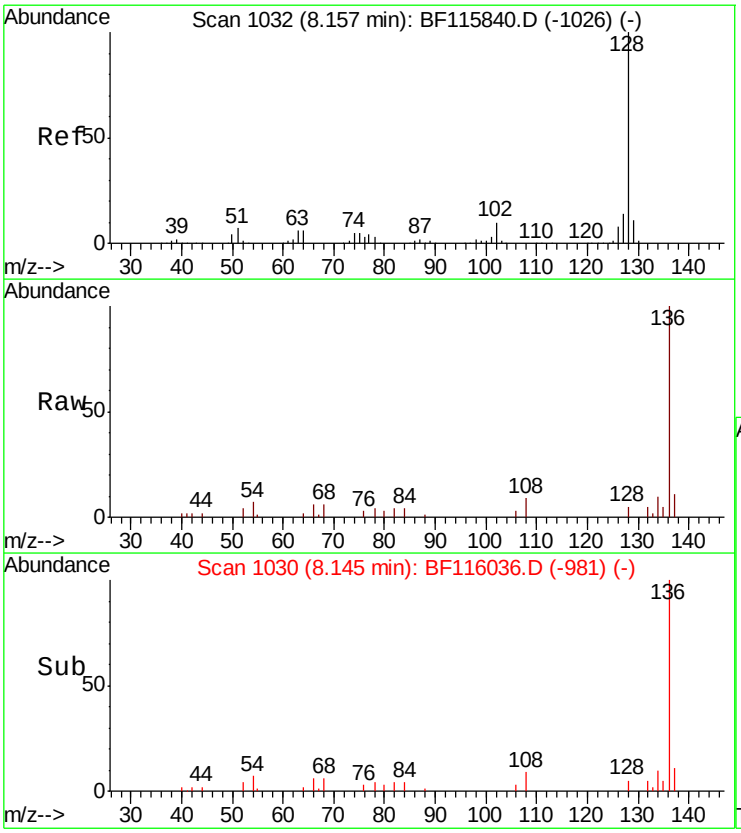
#24
Nitrobenzene
Concen: 0.087 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion: 77 Resp: 795

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.5	53.3#
65	36.1	10.6	15.8#

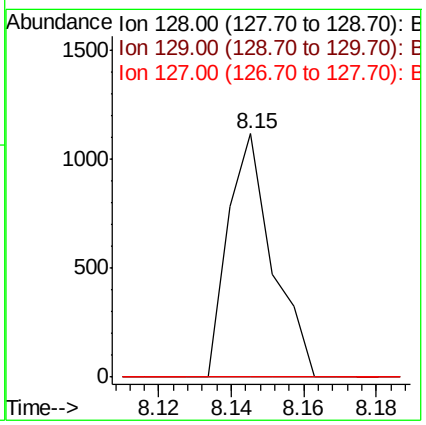


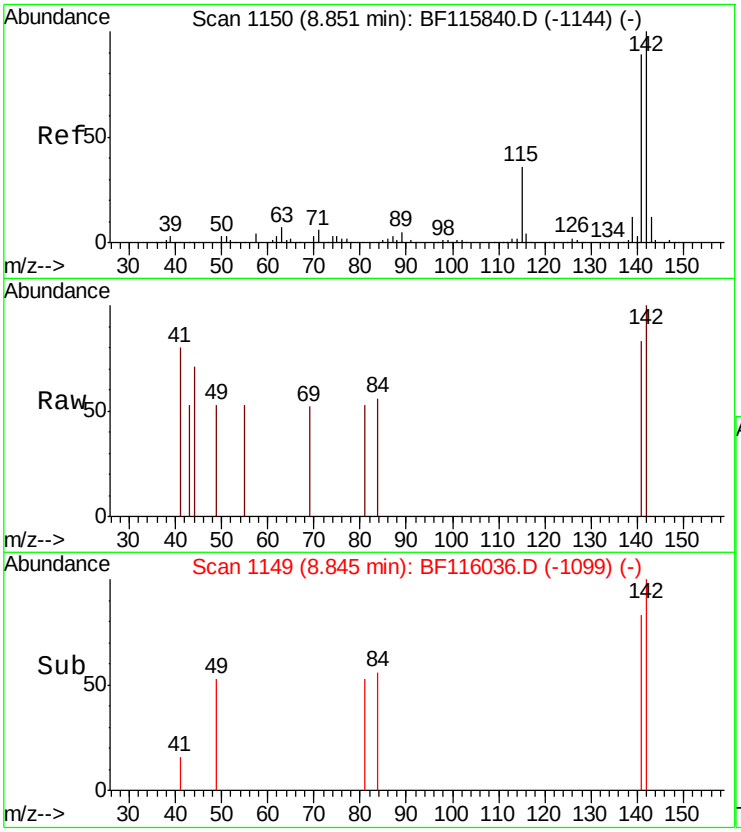


#31
Naphthalene
Concen: 0.042 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:128 Resp: 951

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.2	13.8#
127	0.0	11.0	16.4#



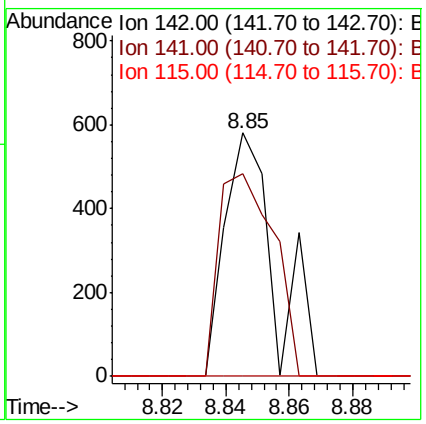


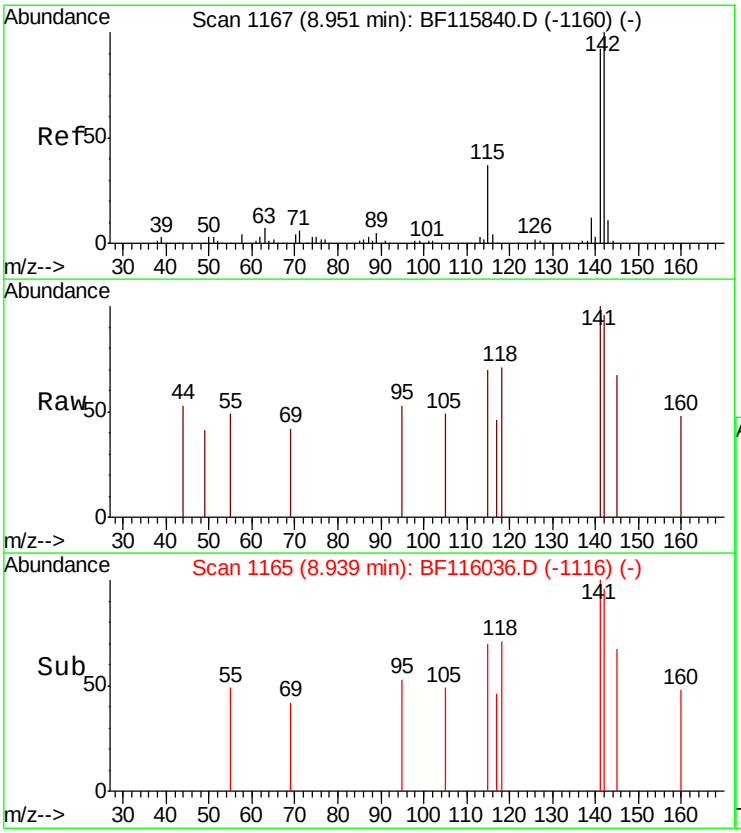
#37
2-Methylnaphthalene
Concen: 0.041 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:142 Resp: 622

Ion	Ratio	Lower	Upper
142	100		
141	83.3	71.4	107.2
115	0.0	28.9	43.3#

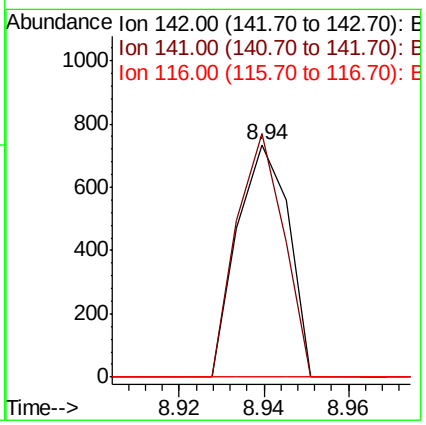


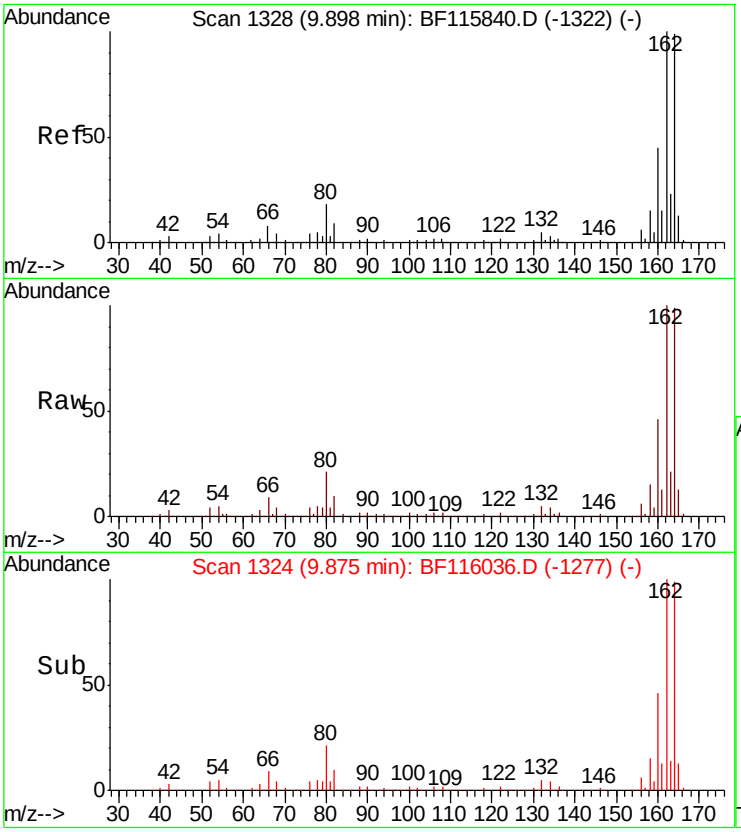


#38
1-Methylnaphthalene
Concen: 0.044 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:142 Resp: 623

Ion	Ratio	Lower	Upper
142	100		
141	104.6	73.8	110.6
116	0.0	3.1	4.7#



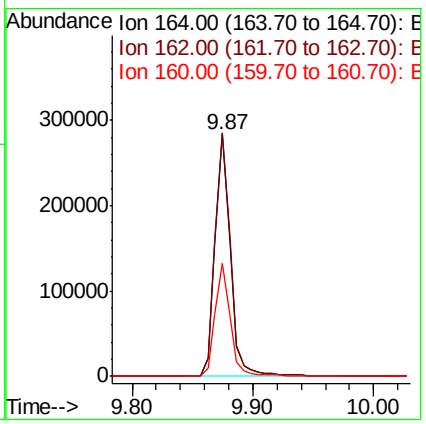


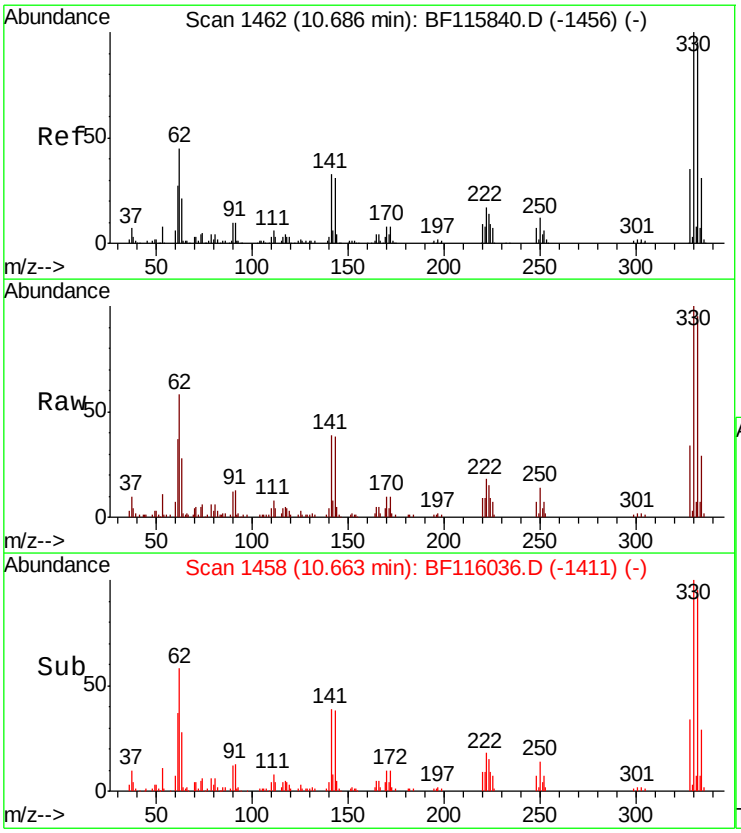
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:164 Resp: 246273

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	46.8	36.2	54.4

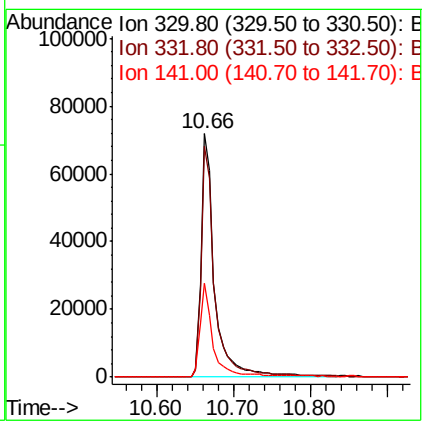


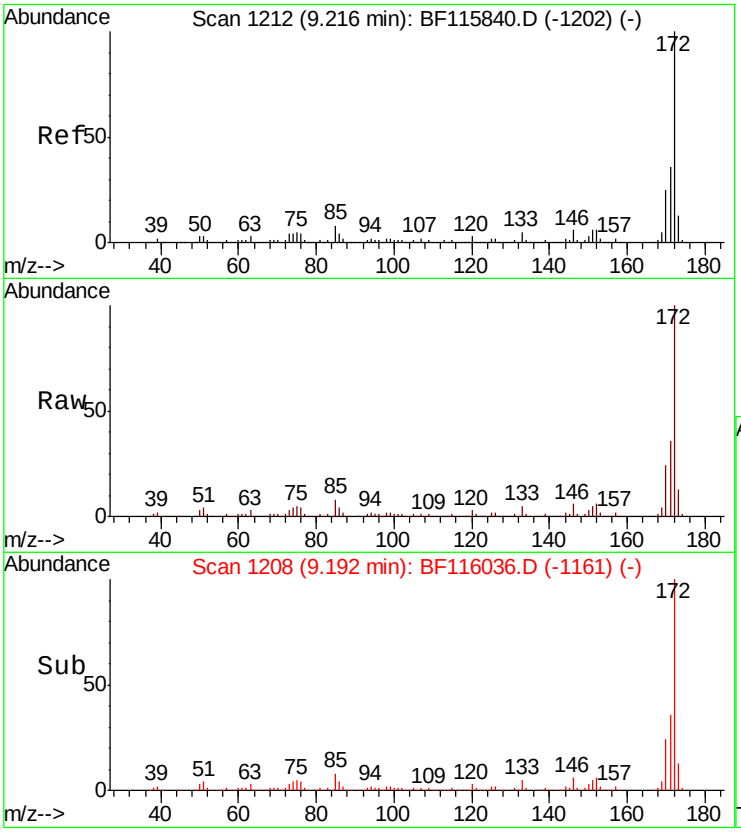


#42
2,4,6-Tribromophenol
Concen: 36.820 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:330 Resp: 87915

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.7	116.5
141	37.1	28.1	42.1



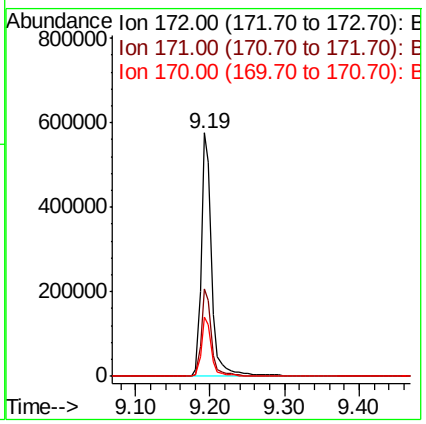


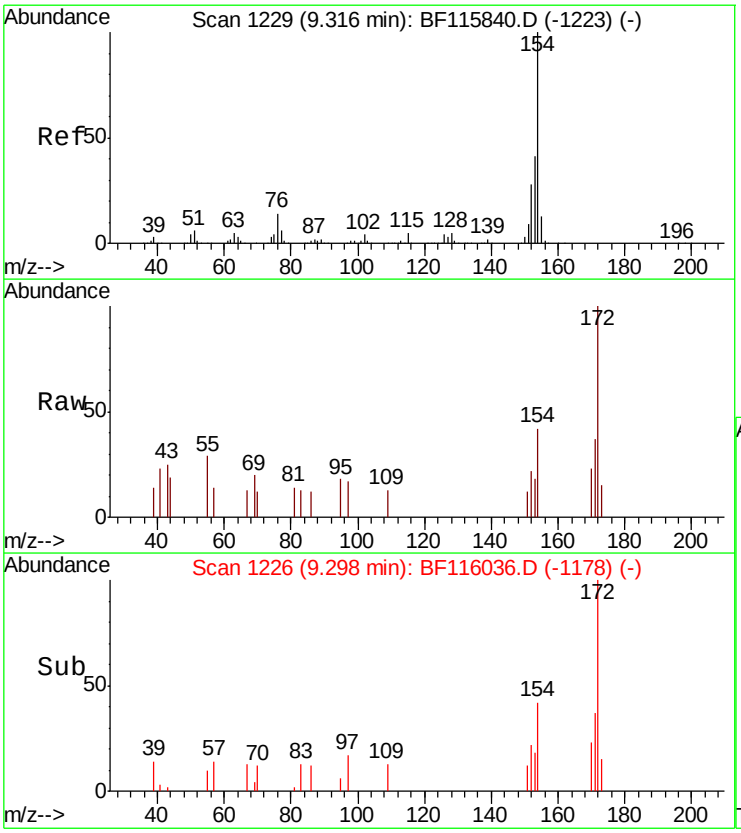
#45
2-Fluorobiphenyl
Concen: 43.889 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:172 Resp: 577058

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	24.1	20.1	30.1

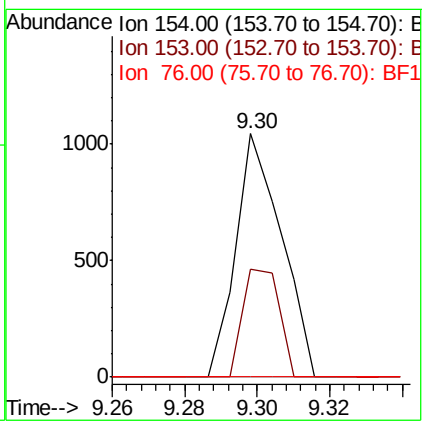


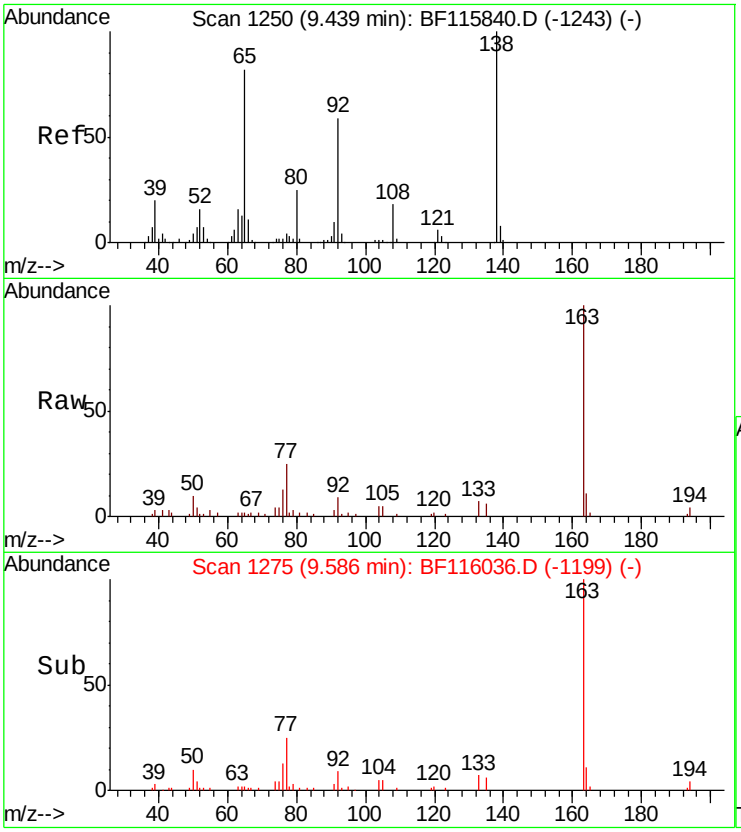


#46
1,1'-Biphenyl
Concen: 0.052 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:154 Resp: 912

Ion	Ratio	Lower	Upper
154	100		
153	44.2	20.9	60.9
76	0.0	0.0	34.3



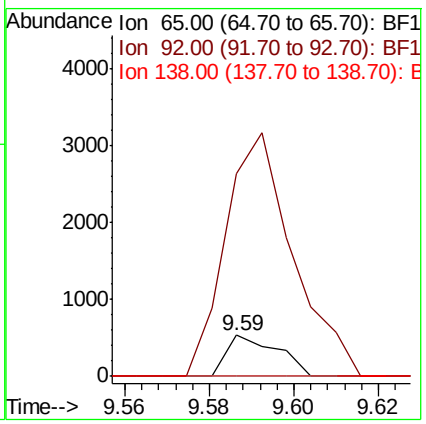


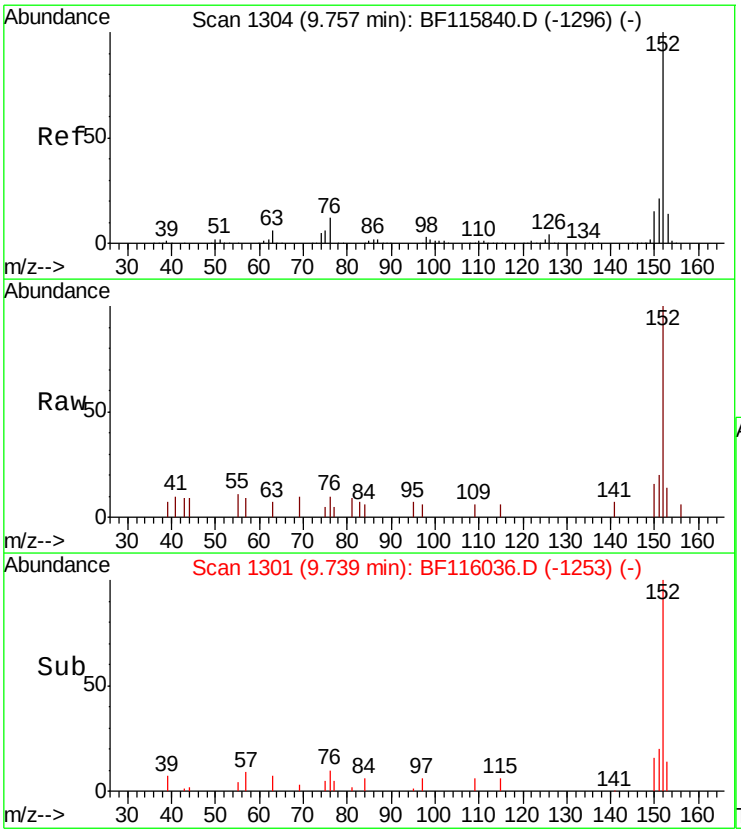
#48
2-Nitroaniline
Concen: 0.094 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.15 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion: 65 Resp: 448

Ion	Ratio	Lower	Upper
65	100		
92	491.1	57.1	85.7#
138	0.0	97.1	145.7#

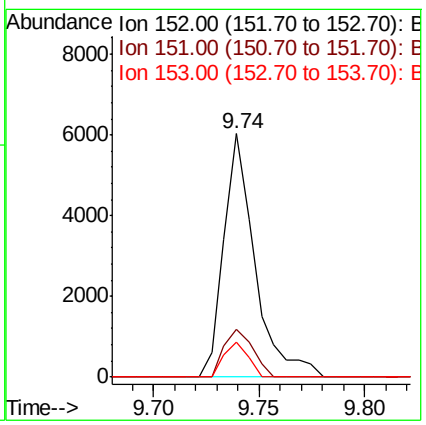


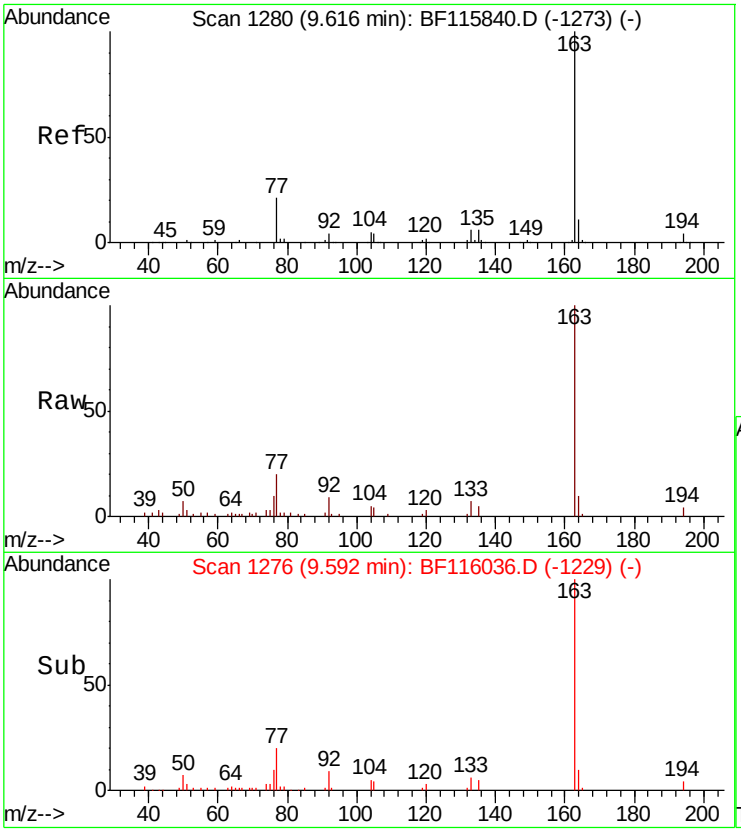


#49
Acenaphthylene
Concen: 0.291 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:152 Resp: 6147

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	14.4	11.6	17.4



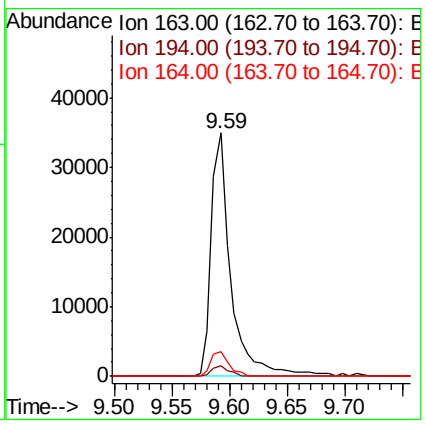


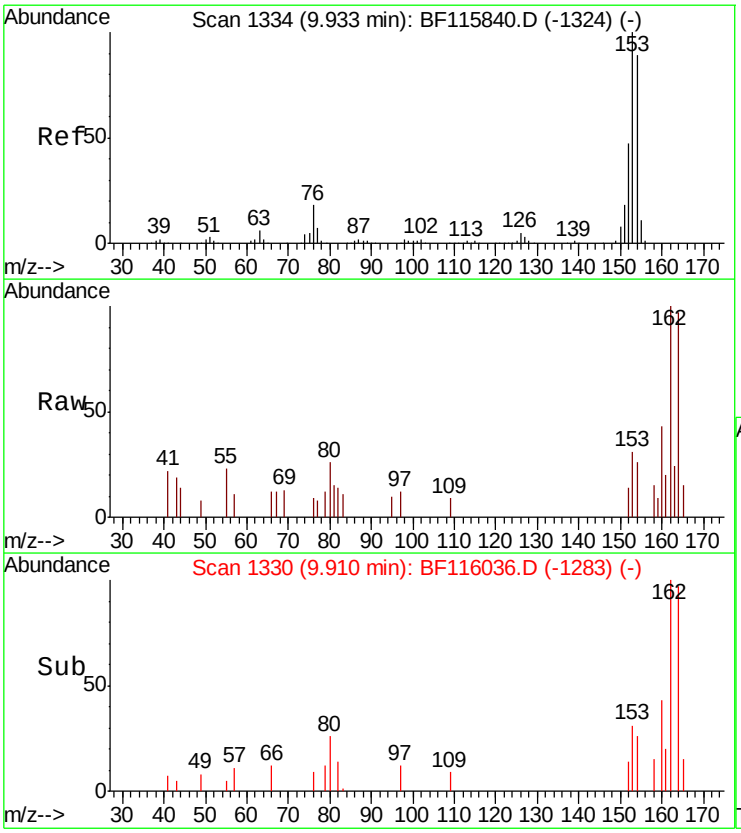
#50
Dimethylphthalate
Concen: 2.477 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:163 Resp: 41539

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.3	8.4	12.6

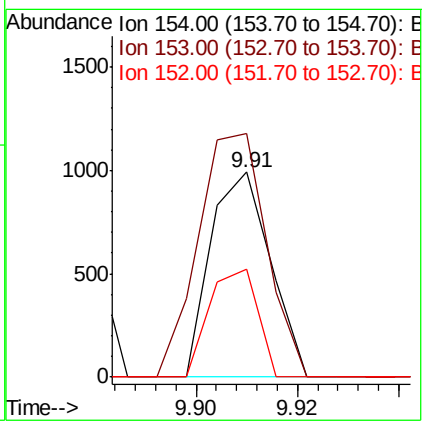


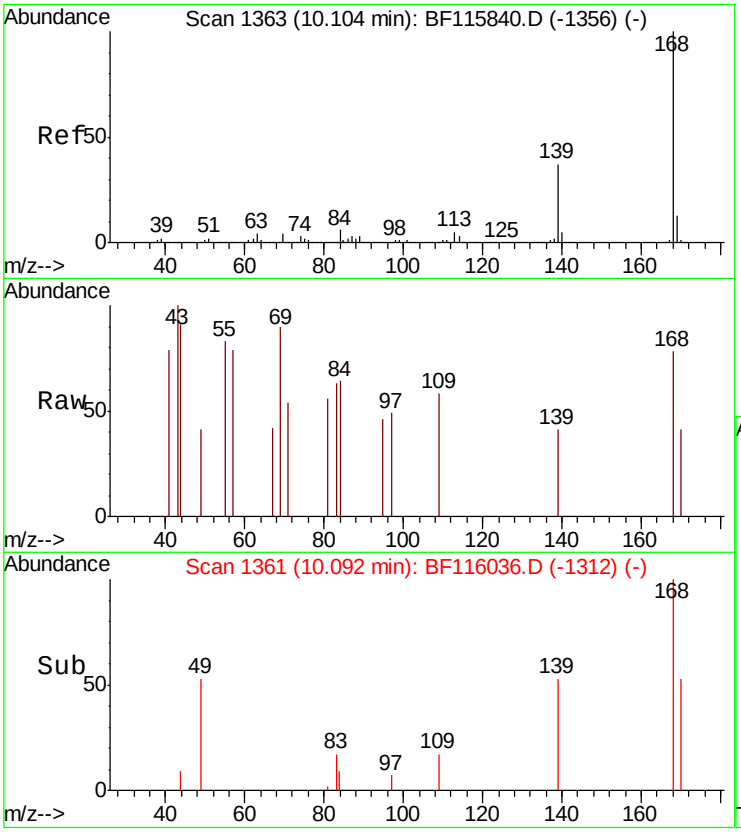


#52
Acenaphthene
Concen: 0.062 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:154 Resp: 809

Ion	Ratio	Lower	Upper
154	100		
153	119.0	90.1	135.1
152	52.7	42.6	63.8



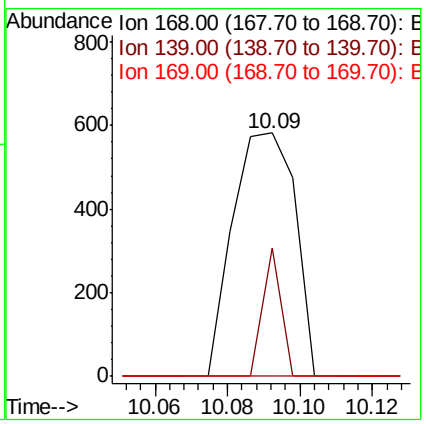


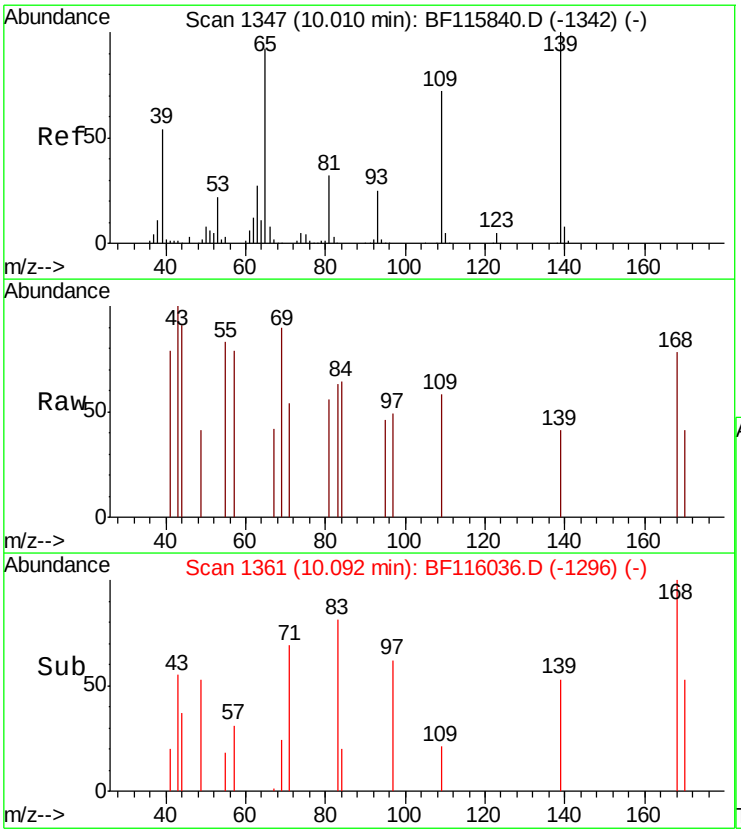
#55
Dibenzofuran
Concen: 0.037 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:168 Resp: 699

Ion	Ratio	Lower	Upper
168	100		
139	52.6	30.2	45.2#
169	0.0	10.8	16.2#

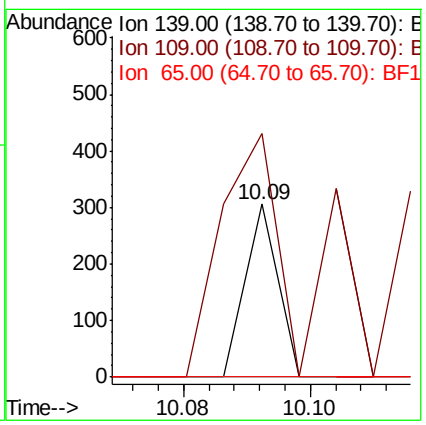


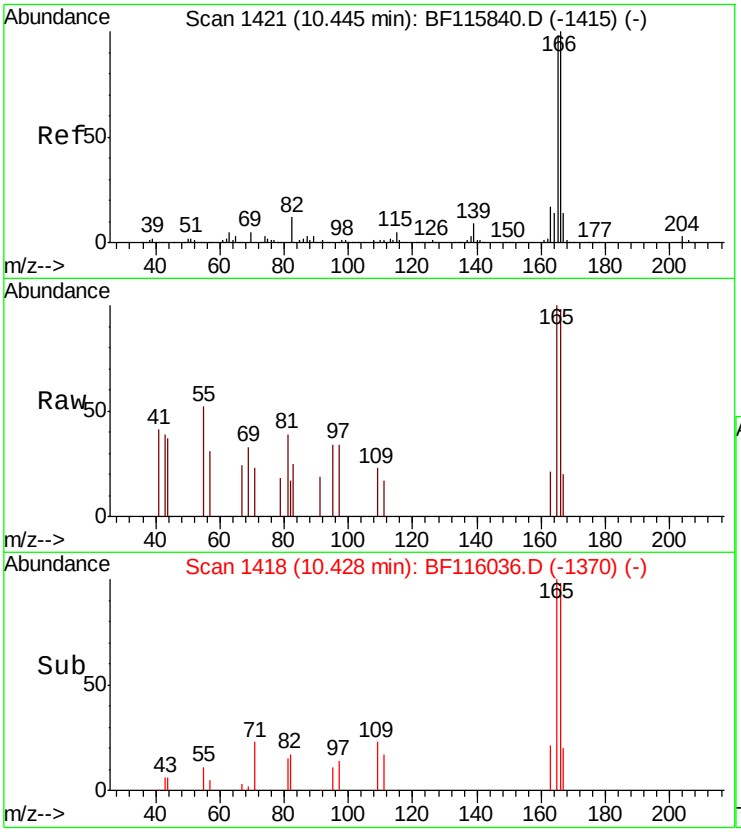


#56
4-Nitrophenol
Concen: 0.037 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:139 Resp: 108

Ion	Ratio	Lower	Upper
139	100		
109	140.8	52.0	92.0#
65	0.0	72.6	112.6#



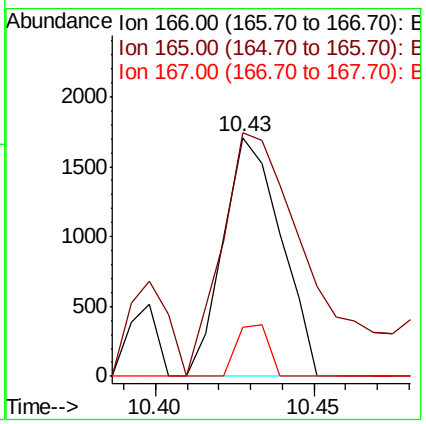


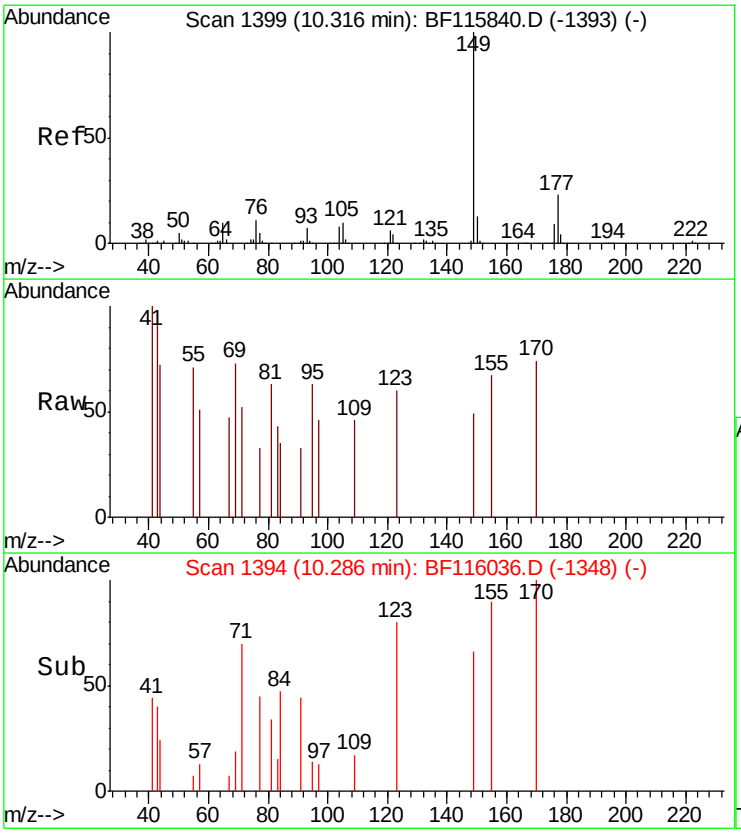
#58
Fluorene
Concen: 0.149 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:166 Resp: 2154

Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.6	118.0
167	20.6	10.9	16.3#

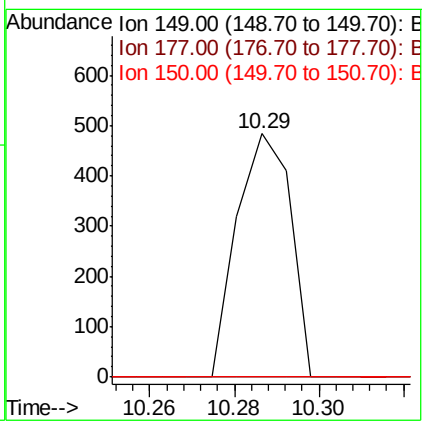


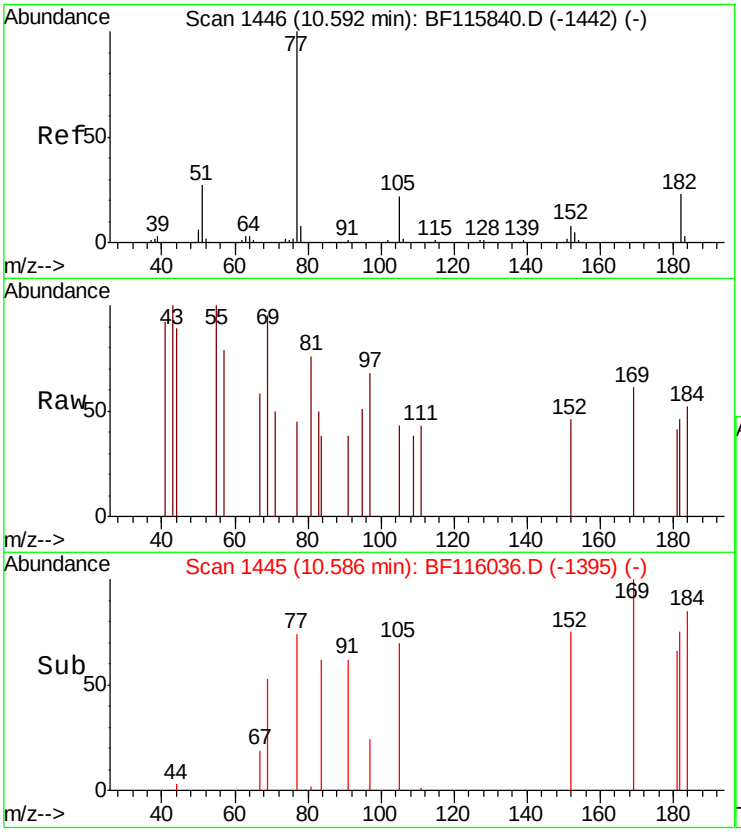


#60
Diethylphthalate
Concen: 0.027 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:149 Resp: 428

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.4	27.6#
150	0.0	10.1	15.1#



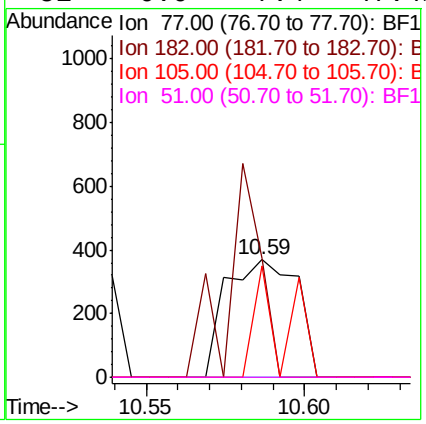


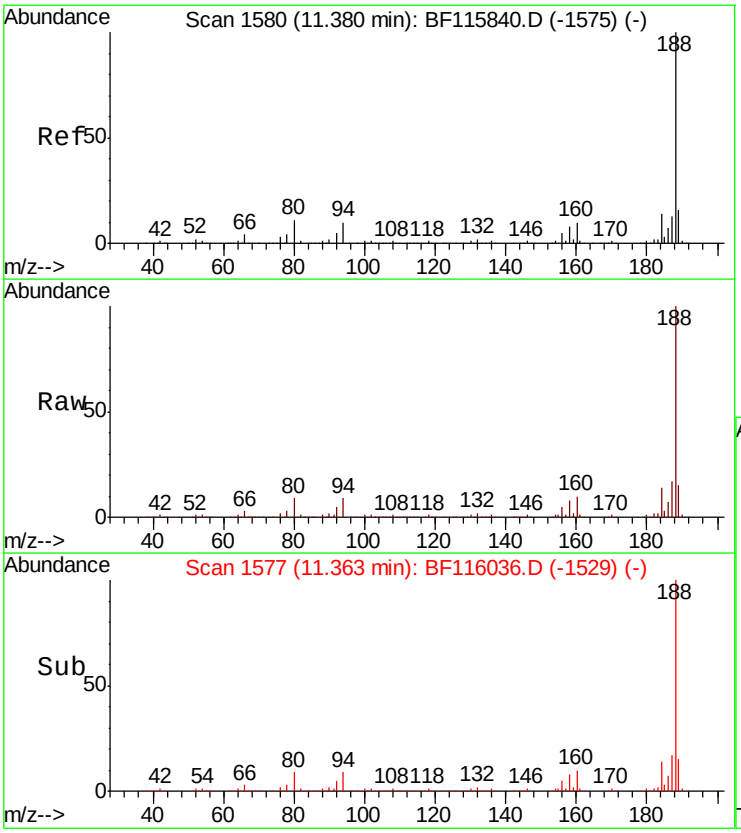
#63
Azobenzene
Concen: 0.036 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion: 77 Resp: 575

Ion	Ratio	Lower	Upper
77	100		
182	101.1	2.6	42.6#
105	95.1	1.6	41.6#
51	0.0	7.4	47.4#

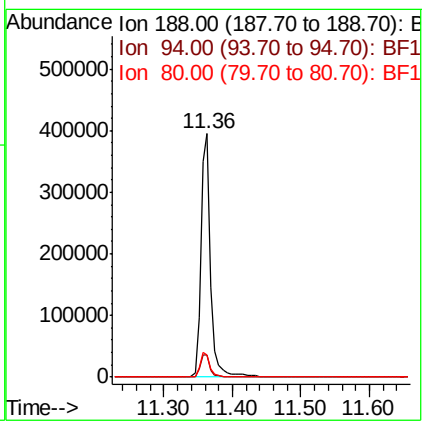


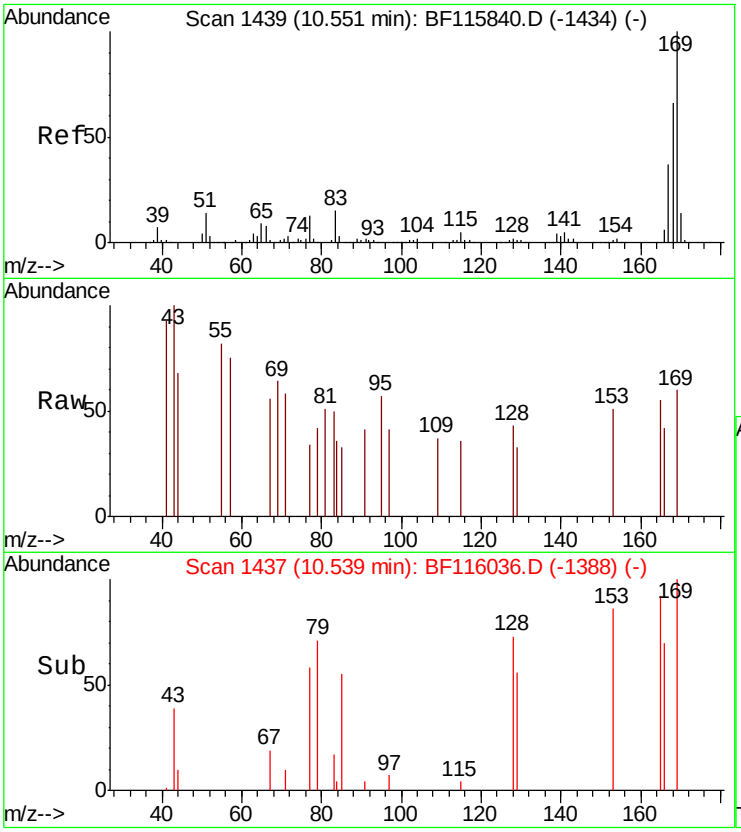


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:188 Resp: 393523

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.2	8.6	12.8



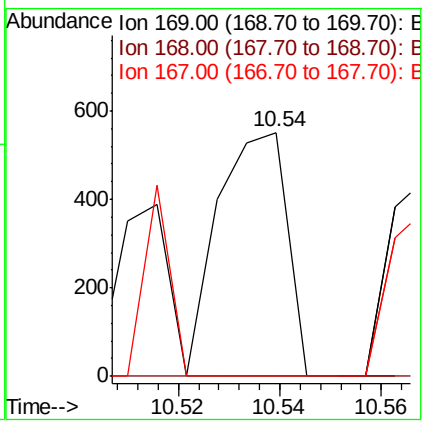


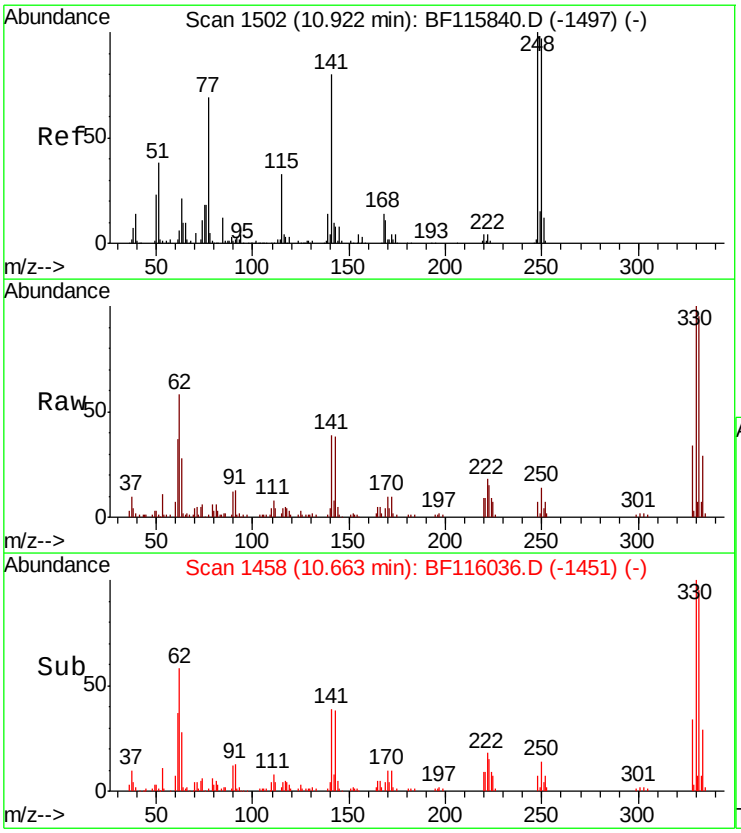
#66
n-Nitrosodiphenylamine
Concen: 0.044 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:169 Resp: 522

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.0	79.6#
167	0.0	29.9	44.9#

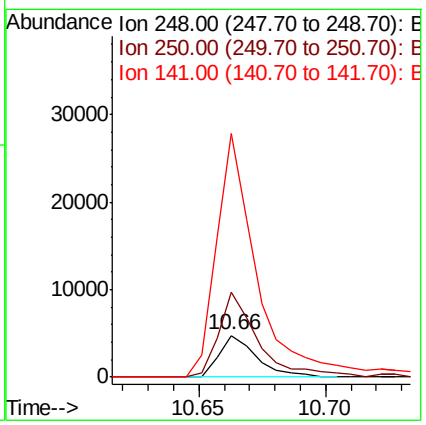


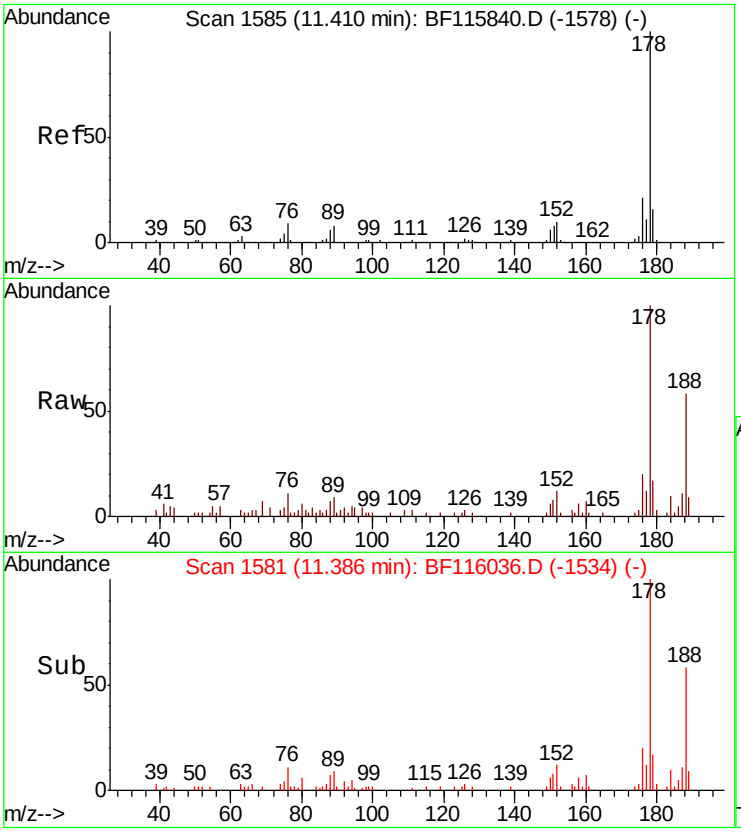


#67
4-Bromophenyl-phenylether
Concen: 1.155 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.26 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:248 Resp: 4867

Ion	Ratio	Lower	Upper
248	100		
250	206.0	77.8	116.6#
141	586.6	64.3	96.5#



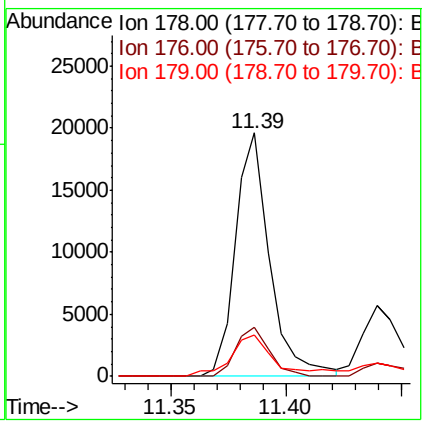


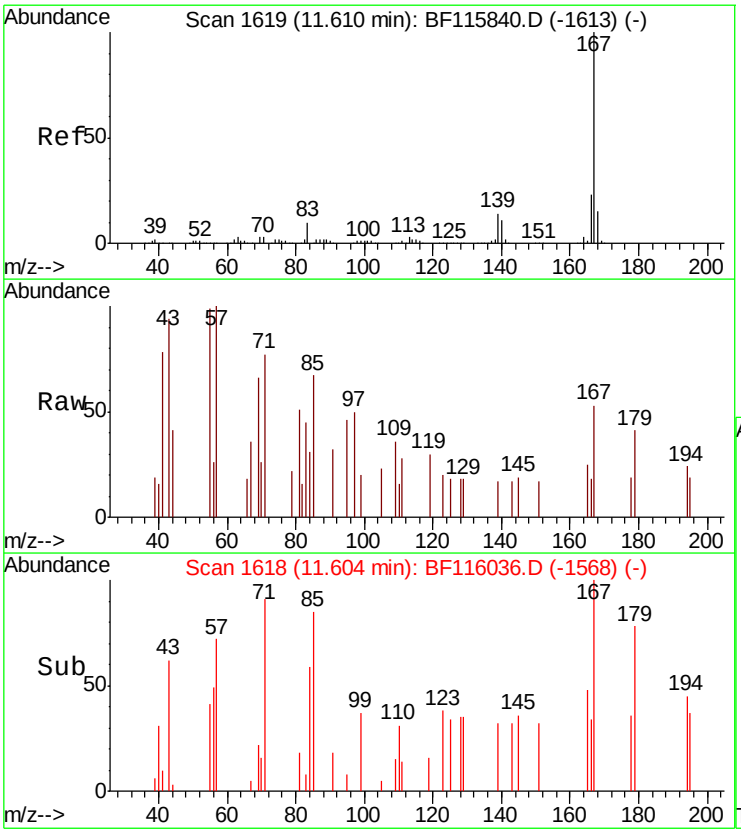
#71
Phenanthrene
Concen: 1.012 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:178 Resp: 20359

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.5	24.7
179	16.7	12.6	18.8

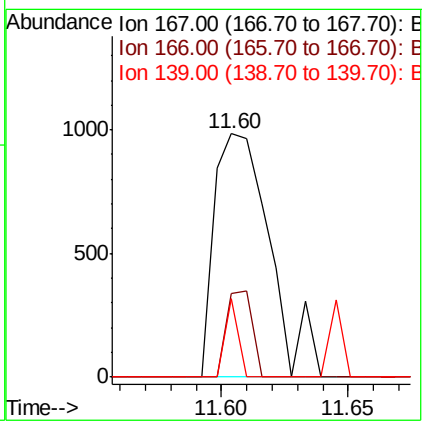


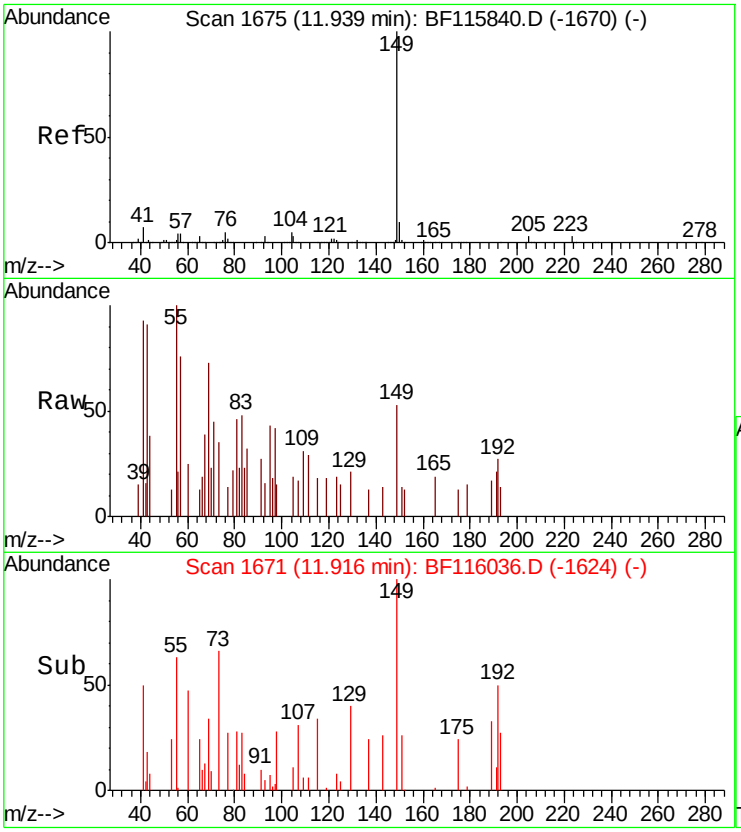


#73
Carbazole
Concen: 0.081 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:167 Resp: 1498

Ion	Ratio	Lower	Upper
167	100		
166	34.4	18.0	27.0#
139	32.4	11.4	17.2#



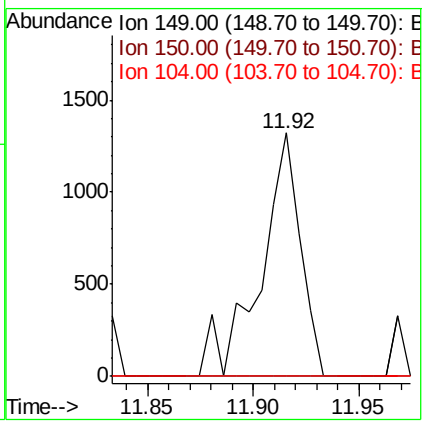


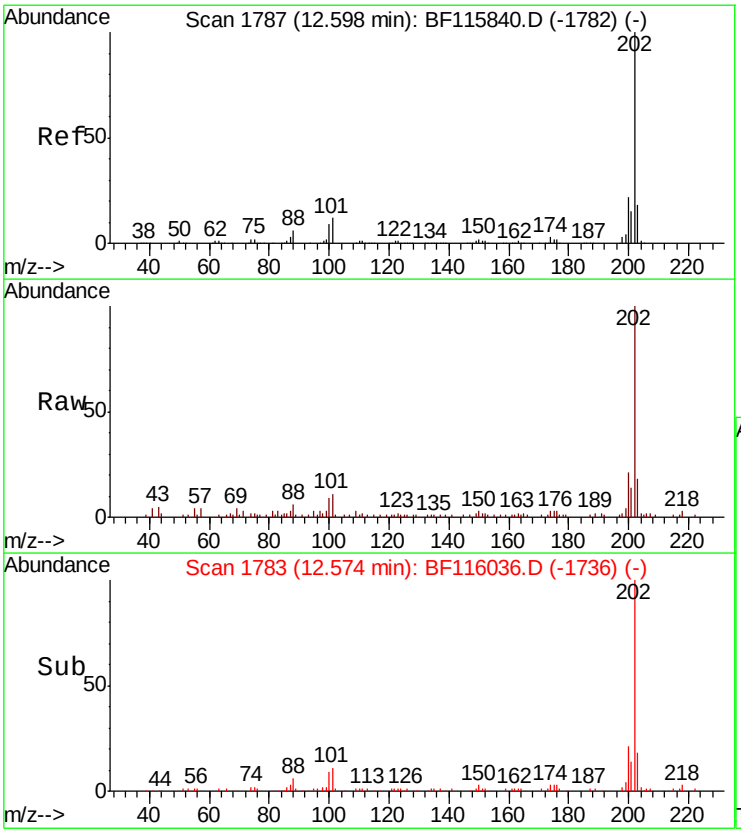
#74
Di-n-butylphthalate
Concen: 0.081 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:149 Resp: 1743

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.3	6.5#

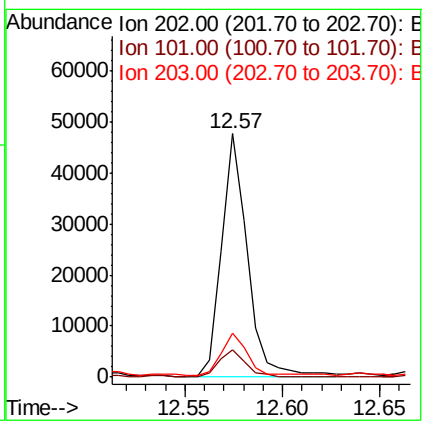


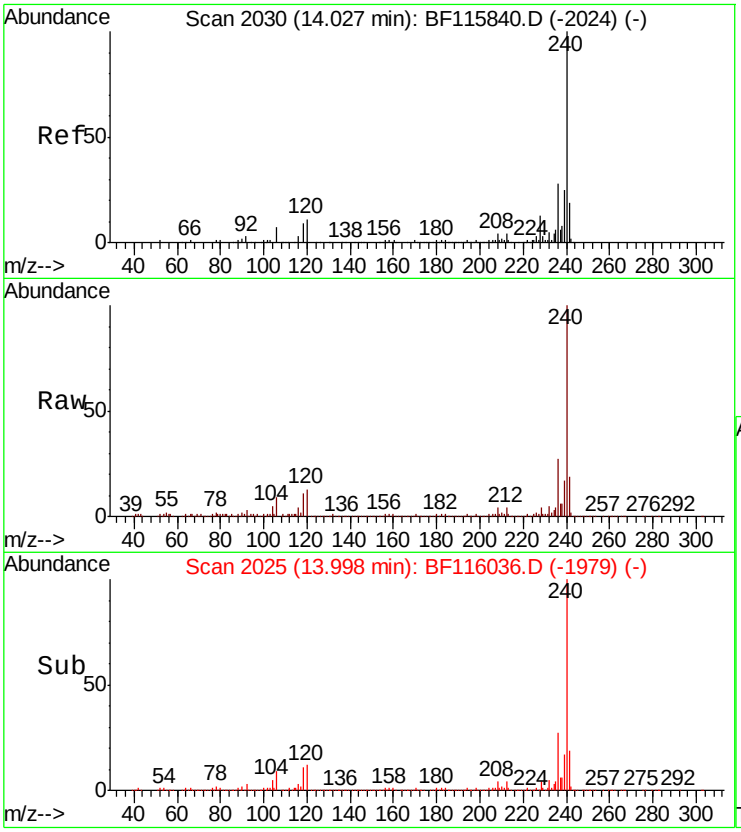


#75
Fluoranthene
Concen: 2.111 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:202 Resp: 44452

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.5
203	18.2	0.0	37.9



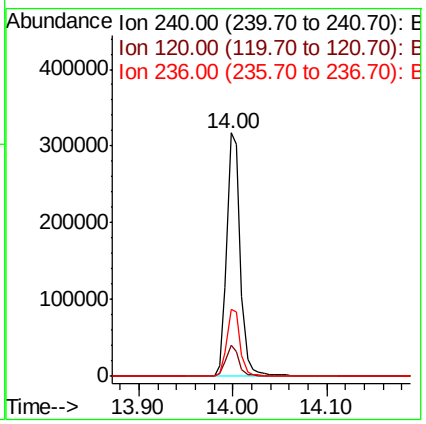


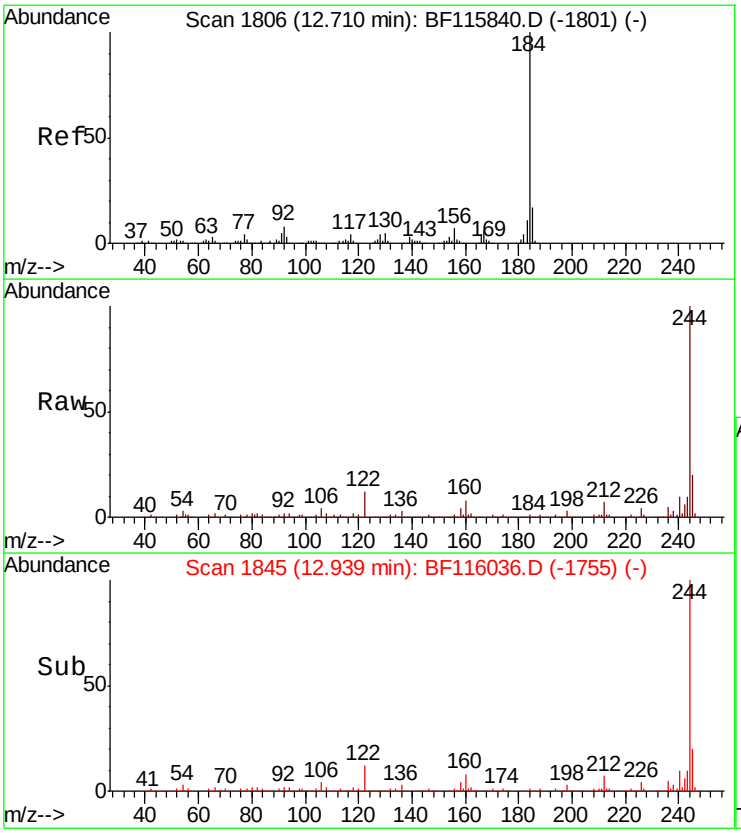
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:240 Resp: 321530

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.5	12.7
236	27.3	22.2	33.2

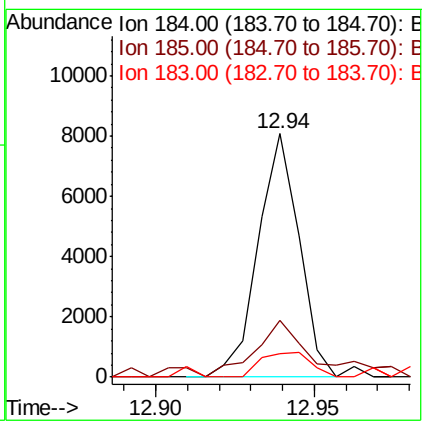


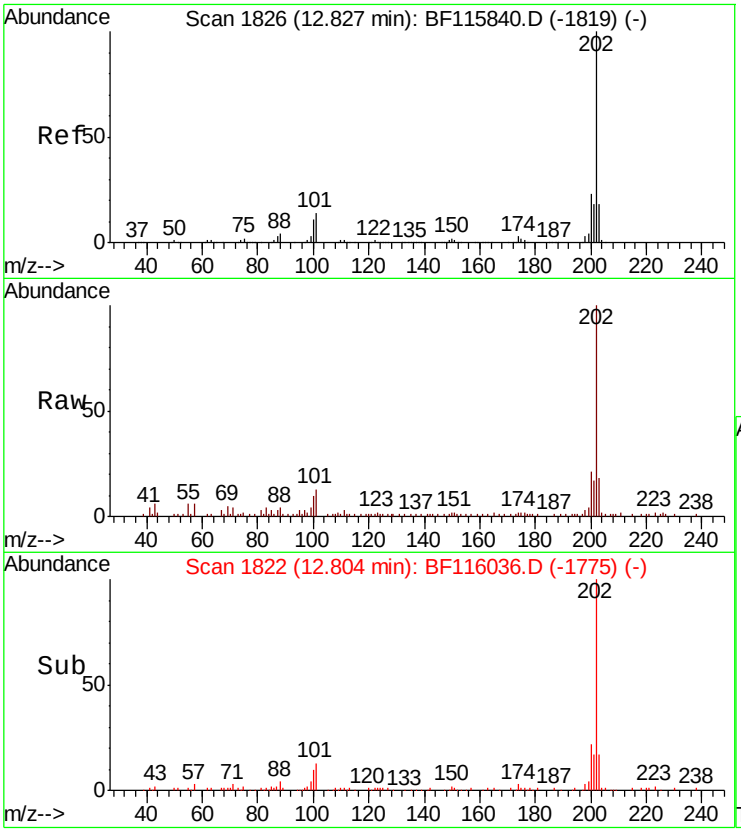


#77
Benzidine
Concen: 0.669 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.23 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:184 Resp: 7263

Ion	Ratio	Lower	Upper
184	100		
185	23.5	13.4	20.2#
183	9.5	9.1	13.7



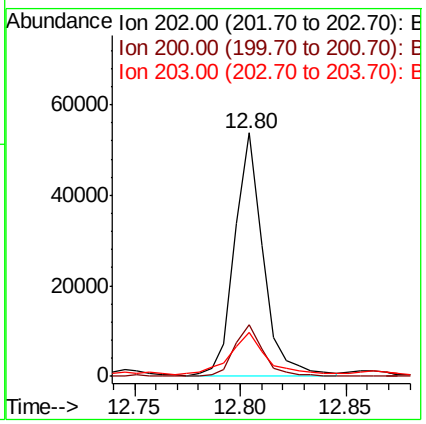


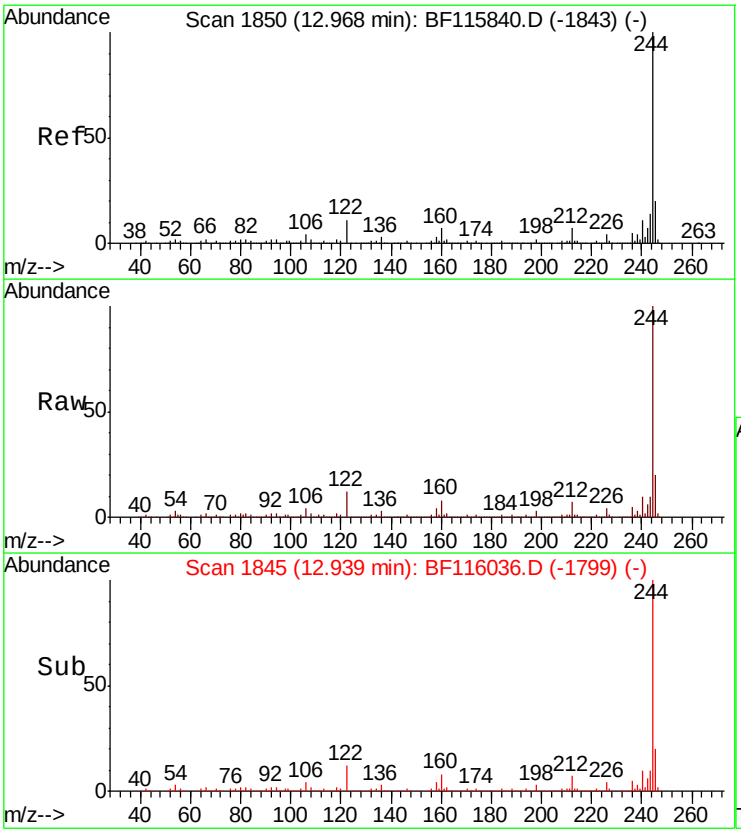
#78
Pyrene
Concen: 2.087 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:202 Resp: 50575

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.2	27.2
203	18.0	14.3	21.5

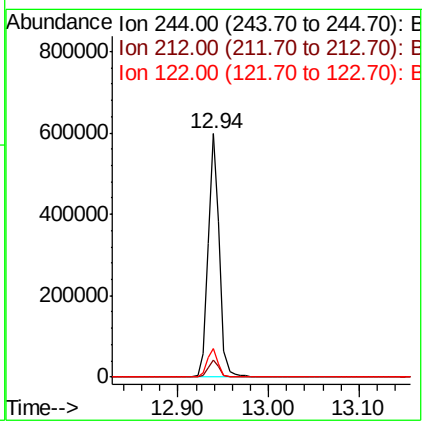


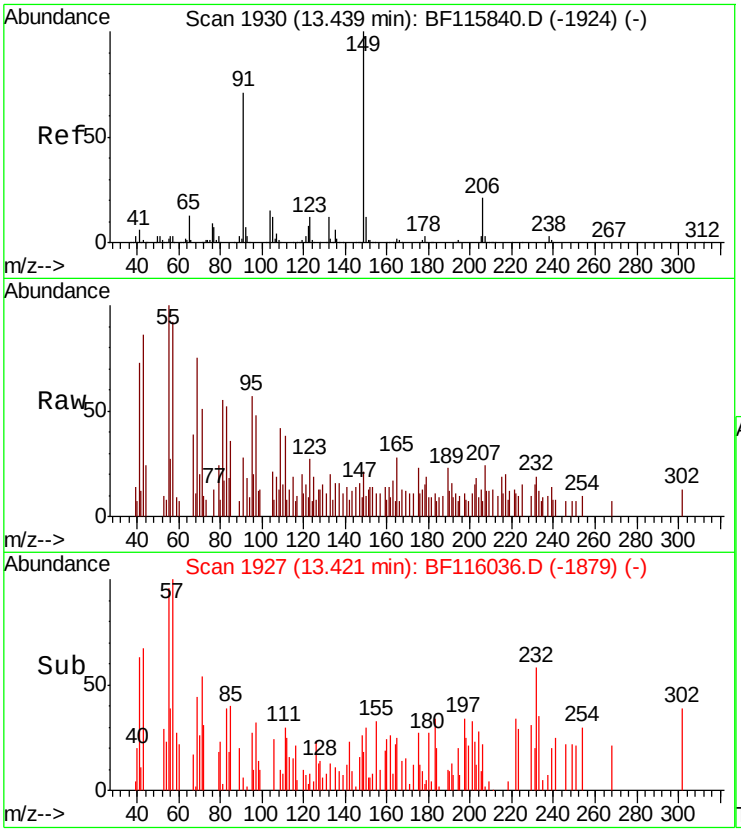


#79
Terphenyl-d14
Concen: 34.105 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:244 Resp: 520397

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.7	8.6	13.0



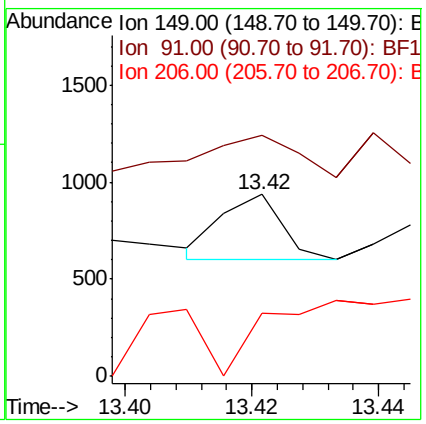


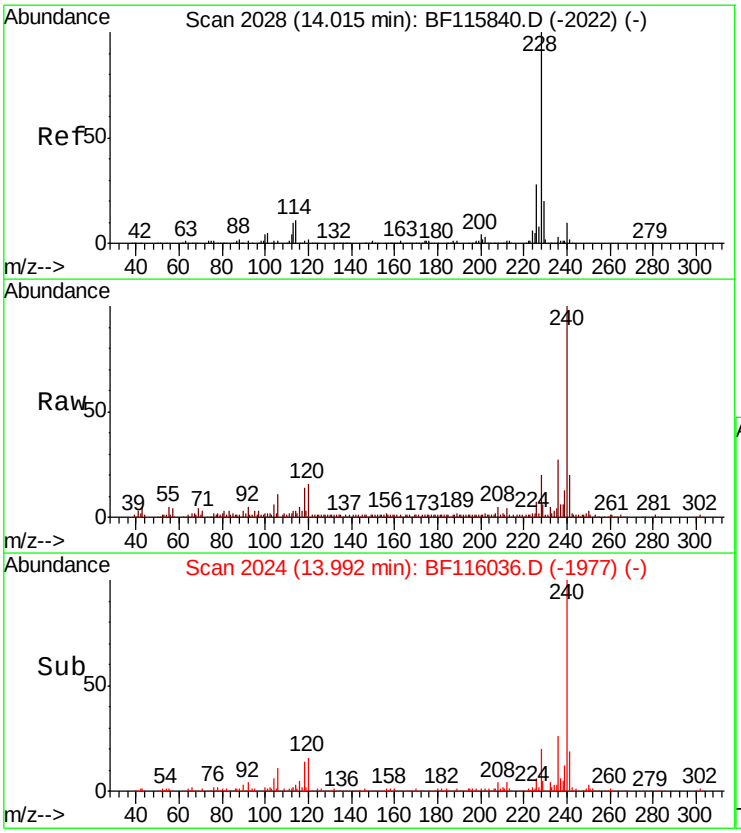
#80
Butylbenzylphthalate
Concen: 0.021 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:149 Resp: 220

Ion	Ratio	Lower	Upper
149	100		
91	132.3	57.0	85.6#
206	34.7	16.9	25.3#

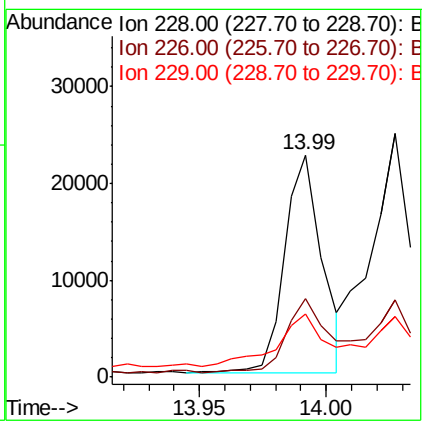


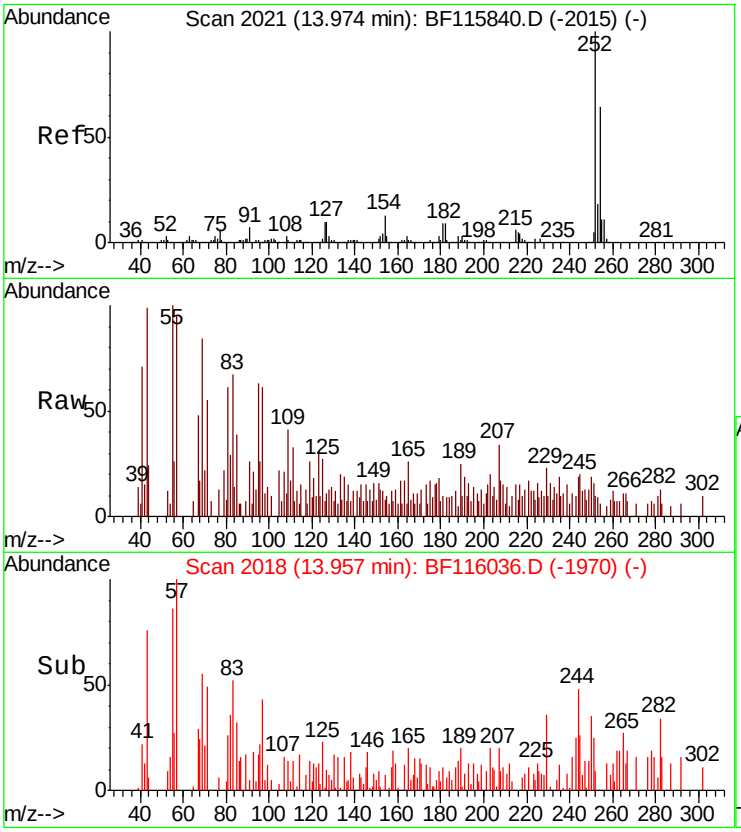


#81
Benzo(a)anthracene
Concen: 1.130 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:228 Resp: 23218

Ion	Ratio	Lower	Upper
228	100		
226	35.0	22.5	33.7#
229	28.4	16.1	24.1#



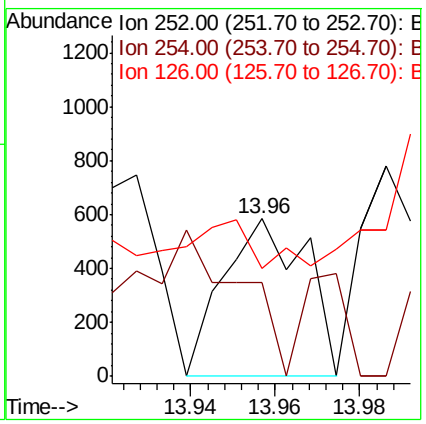


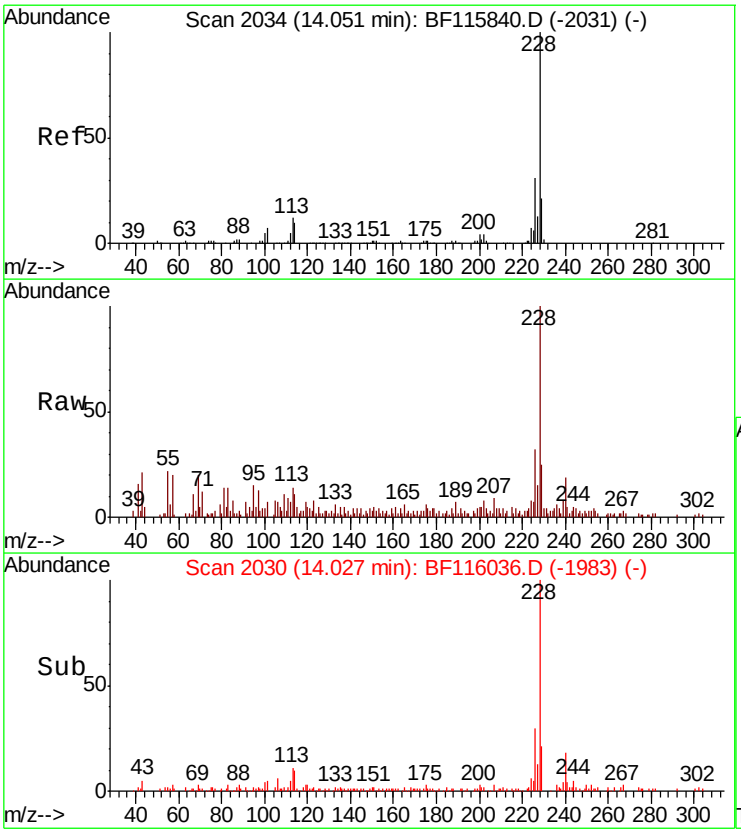
#82
3,3'-Dichlorobenzidine
Concen: 0.111 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:252 Resp: 792

Ion	Ratio	Lower	Upper
252	100		
254	59.2	51.2	76.8
126	68.3	8.1	12.1#

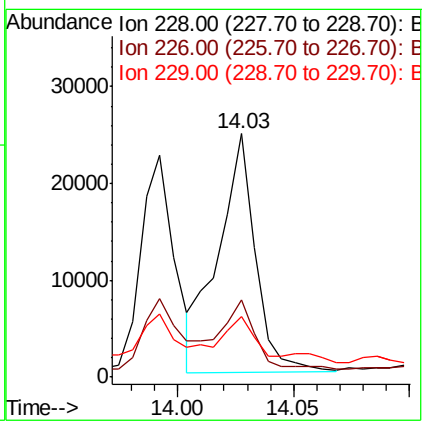


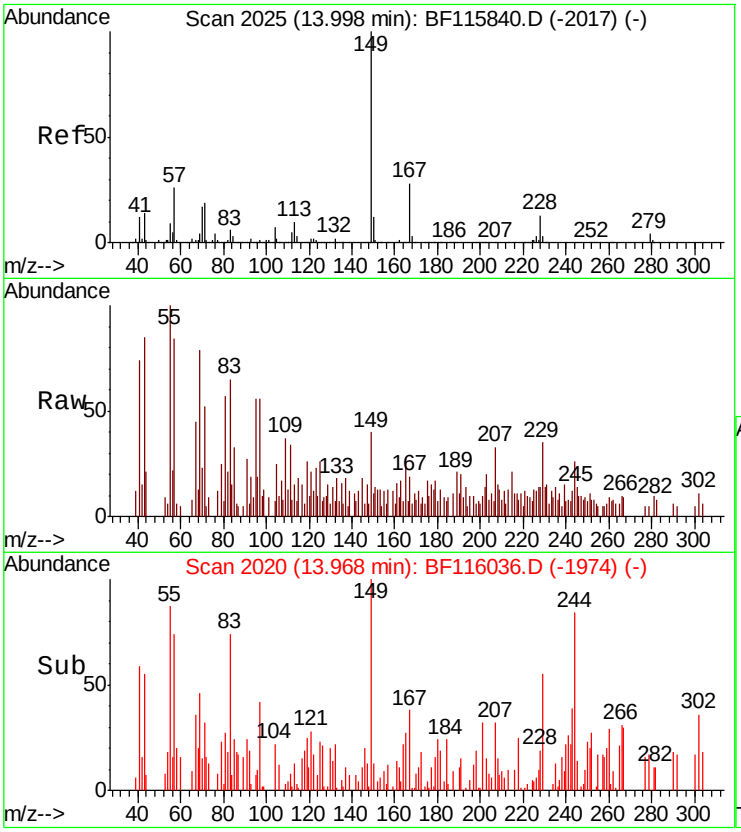


#83
Chrysene
Concen: 1.387 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:228 Resp: 27679

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.8	37.2
229	24.8	16.4	24.6#



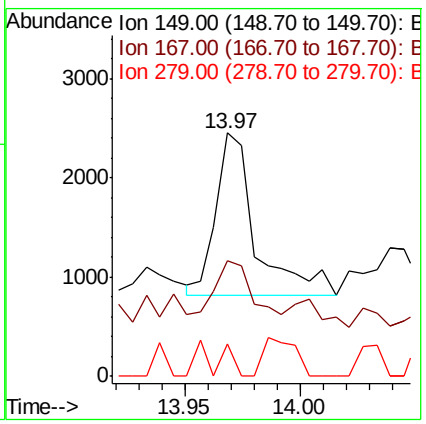


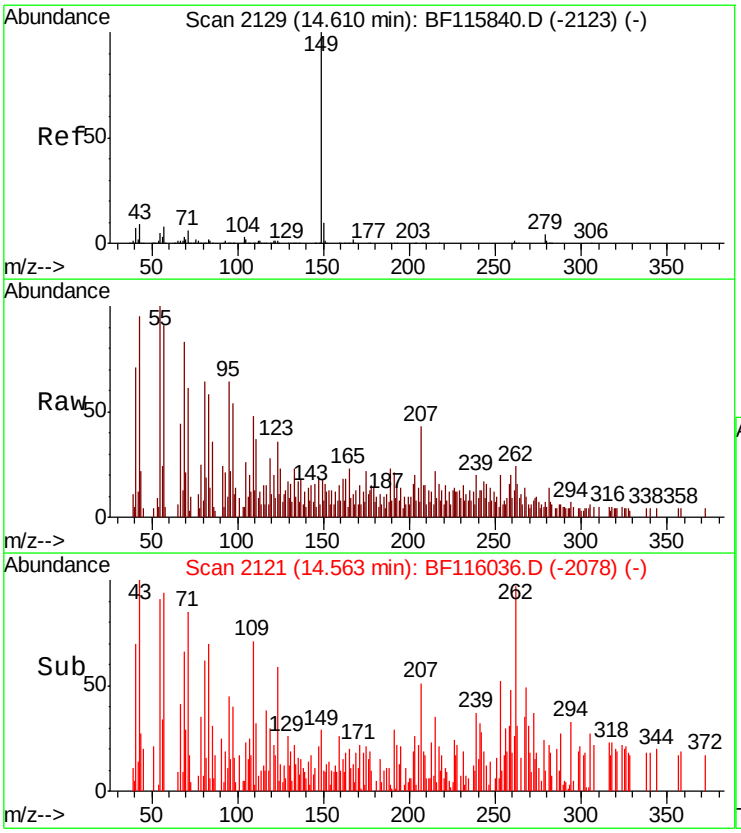
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.146 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:149 Resp: 1949

Ion	Ratio	Lower	Upper
149	100		
167	47.5	22.4	33.6#
279	13.3	3.3	4.9#

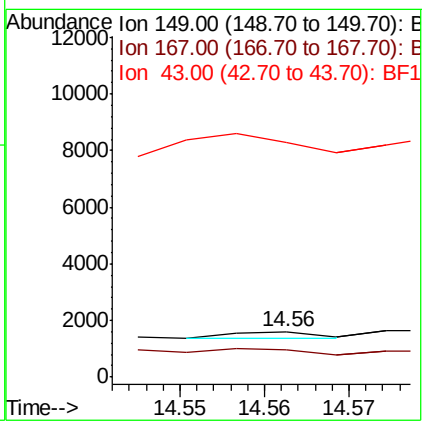


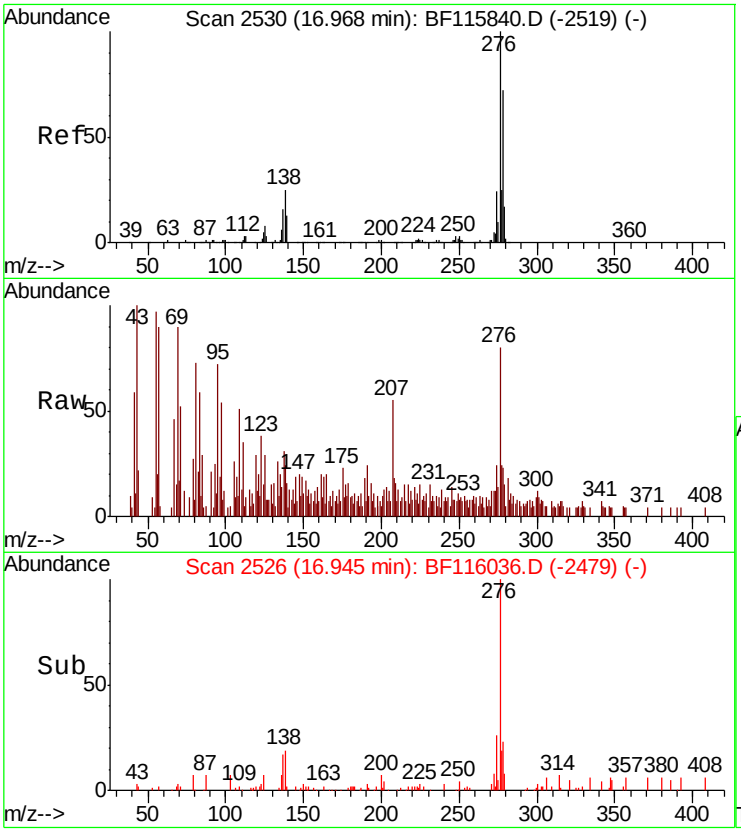


#85
Di-n-octyl phthalate
Concen: 0.008 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.05 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:149 Resp: 175

Ion	Ratio	Lower	Upper
149	100		
167	247.4	1.2	1.8#
43	1376.6	7.4	11.0#



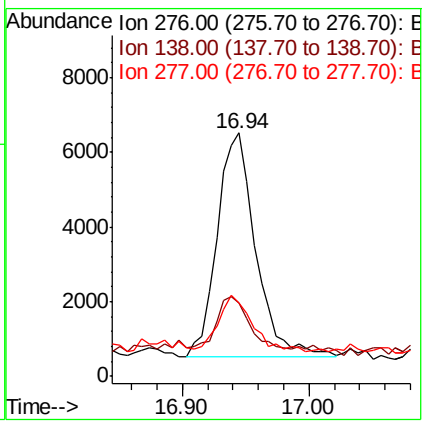


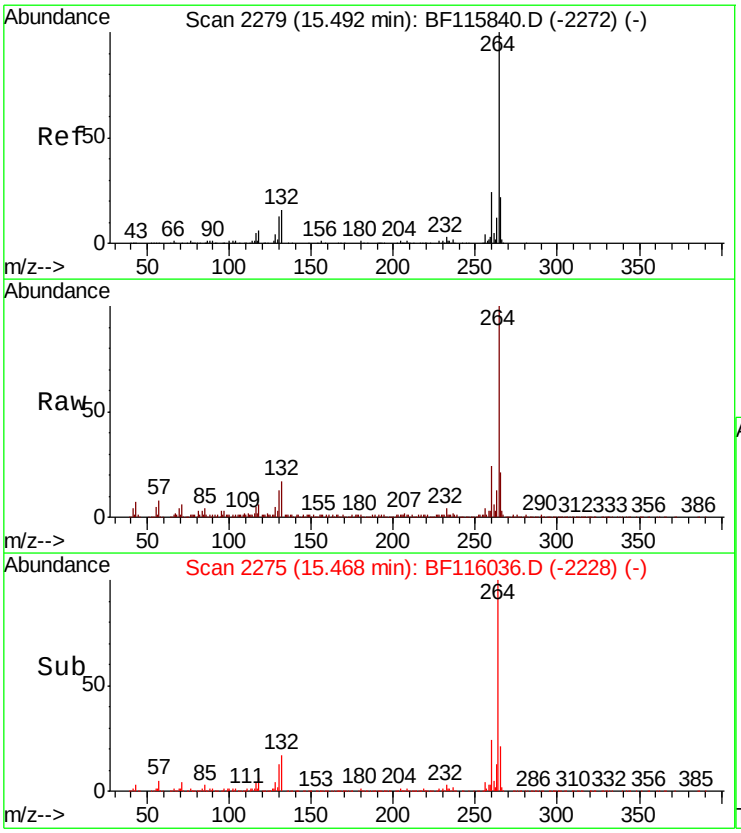
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.749 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:276 Resp: 12547

Ion	Ratio	Lower	Upper
276	100		
138	19.1	19.6	29.4#
277	22.8	20.1	30.1

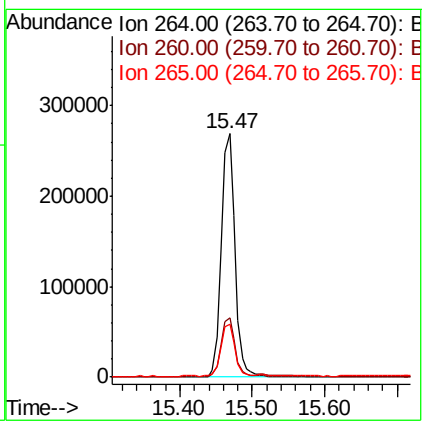


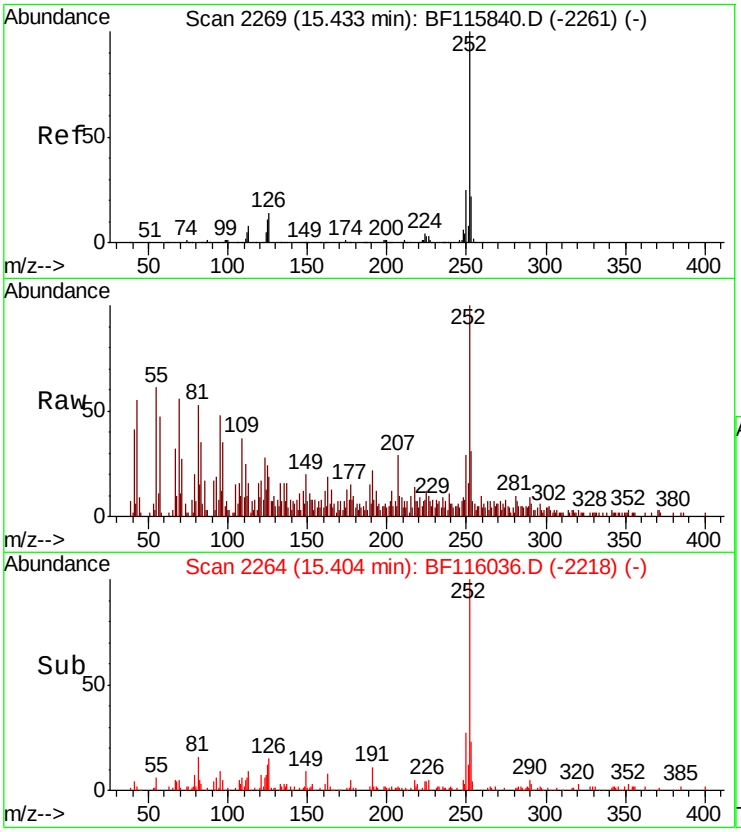


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:264 Resp: 353518

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.5	17.5	26.3



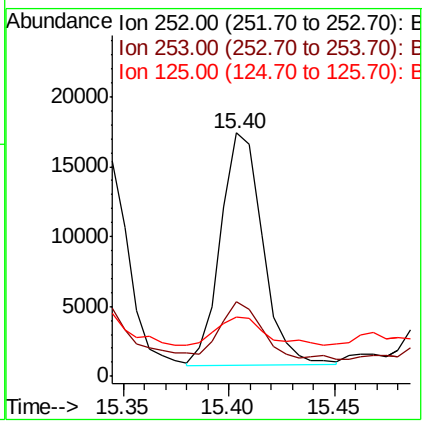


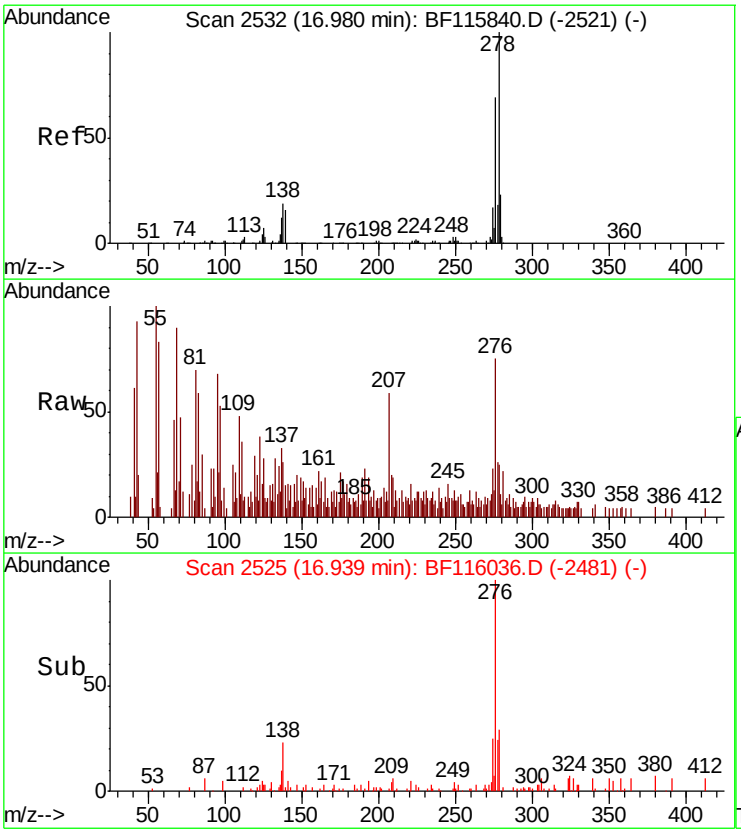
#90
Benzo(a)pyrene
Concen: 1.252 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:252 Resp: 22870

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.8	26.6#
125	24.2	8.8	13.2#

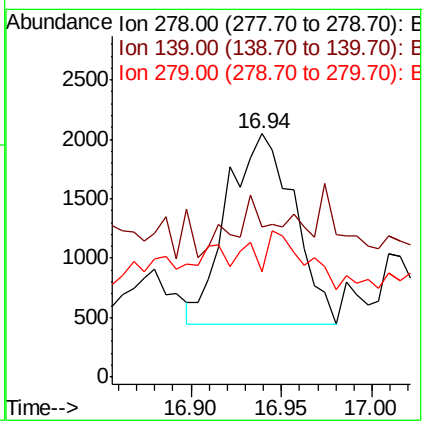


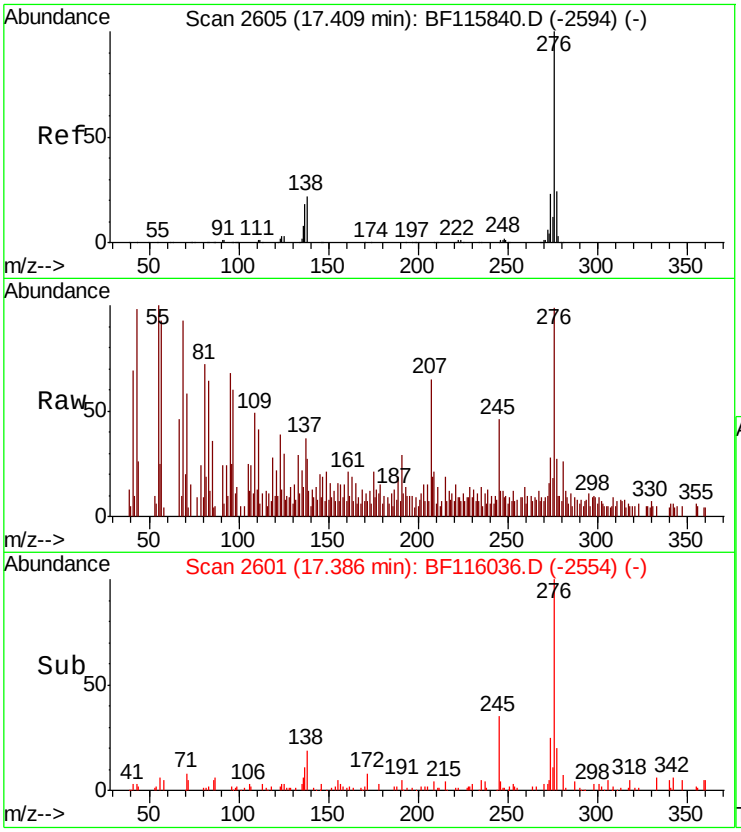


#91
Dibenzo(a,h)anthracene
Concen: 0.259 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.04 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Tgt Ion:278 Resp: 4101

Ion	Ratio	Lower	Upper
278	100		
139	61.9	12.6	19.0#
279	43.6	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 0.897 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BF116036.D
Acq: 7 Aug 2019 3:39

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

Tgt Ion:276 Resp: 13932

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.5	29.3
138	27.6	17.8	26.8#