Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116667.D
Acq On : 30 Aug 2019 23:15
Operator : HP/JU
Sample : K4568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 03:41:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112684	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	447038	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	228232	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	376880	20.00	ng		-0.01
76) Chrysene-d12	13.99	240	305977	20.00	ng		0.00
87) Perylene-d12	15.44	264	312888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	761273	109.45	ng		0.00
7) Phenol-d6	6.47	99	1045879	114.51	ng		0.00
23) Nitrobenzene-d5	7.40	82	647051	82.63	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	188360	123.45	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1064244	78.66	ng		0.00
79) Terphenyl-d14	12.94	244	1094334	66.16	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.39	79	107	0.012	ng	#	29
4) n-Nitrosodimethylamine	3.31	42	168	0.053	ng	#	1
6) Aniline	6.48	93	797	0.063	ng	#	1
8) 2-Chlorophenol	6.63	128	116	0.015	ng	#	1
9) Benzaldehyde	6.47	77	1980	0.329	ng	#	2
10) Phenol	6.48	94	27159	2.685	ng	#	70
11) bis(2-Chloroethyl)ether	6.62	93	1181	0.150	ng	#	1
15) Benzyl Alcohol	7.00	79	11088	1.496	ng	#	48
19) n-Nitroso-di-n-propylamine	7.40	70	87785	14.597	ng	#	72
22) Acetophenone	7.25	105	417	0.039	ng	#	21
24) Nitrobenzene	7.40	77	2221	0.279	ng	#	40
25) Isophorone	7.40	82	643841	40.575	ng	#	66
27) 2,4-Dimethylphenol	7.80	122	125	0.021	ng	#	1
28) bis(2-Chloroethoxy)methane	8.12	93	257	0.027	ng	#	1
32) Benzoic acid	7.80	122	125	0.037	ng	#	35
35) Caprolactam	8.50	113	366	0.170	ng	#	58
38) 1-Methylnaphthalene	9.20	142	637	0.048	ng	#	66
46) 1,1'-Biphenyl	9.30	154	1924	0.111	ng		90
47) 2-Chloronaphthalene	9.59	162	1221	0.089	ng	#	1
48) 2-Nitroaniline	9.59	65	1699	0.428	ng	#	1
50) Dimethylphthalate	9.59	163	158272	10.045	ng		98
51) 2,6-Dinitrotoluene	9.59	165	1845	0.614	ng	#	9
52) Acenaphthene	9.88	154	742	0.058	ng	#	5
57) 2,4-Dinitrotoluene	9.88	165	28487	7.749	ng	#	21
58) Fluorene	10.66	166	10446	0.763	ng	#	91
60) Diethylphthalate	10.29	149	488	0.031	ng	#	60
63) Azobenzene	10.56	77	584	0.035	ng	#	52
65) 4,6-Dinitro-2-methylphenol	10.66	198	530	7.774	ng	#	1
66) n-Nitrosodiphenylamine	10.66	169	7831	0.601	ng	#	50
67) 4-Bromophenyl-phenylether	10.66	248	12669	3.309	ng	#	1
71) Phenanthrene	11.38	178	421	0.020	ng	#	60
72) Anthracene	11.38	178	421	0.020	ng	#	60
74) Di-n-butylphthalate	11.92	149	1588	0.062	ng	#	79
75) Fluoranthene	12.56	202	266	0.013	ng		64

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116667.D
Acq On : 30 Aug 2019 23:15
Operator : HP/JU
Sample : K4568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 03:41:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) Benzidine	12.94	184	15239	1.270	ng	#	93
78) Pyrene	12.79	202	132	0.005	ng	#	58
80) Butylbenzylphthalate	13.42	149	240	0.018	ng	#	21
81) Benzo(a)anthracene	13.99	228	946	0.049	ng	#	53
83) Chrysene	13.99	228	946	0.047	ng	#	50
84) Bis(2-ethylhexyl)phthalate	13.97	149	2633	0.161	ng	#	97
85) Di-n-octyl phthalate	14.58	149	231	0.009	ng	#	1
90) Benzo(a)pyrene	15.44	252	755	0.046	ng	#	59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116667.D
Acq On : 30 Aug 2019 23:15
Operator : HP/JU
Sample : K4568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 03:41:21 2019
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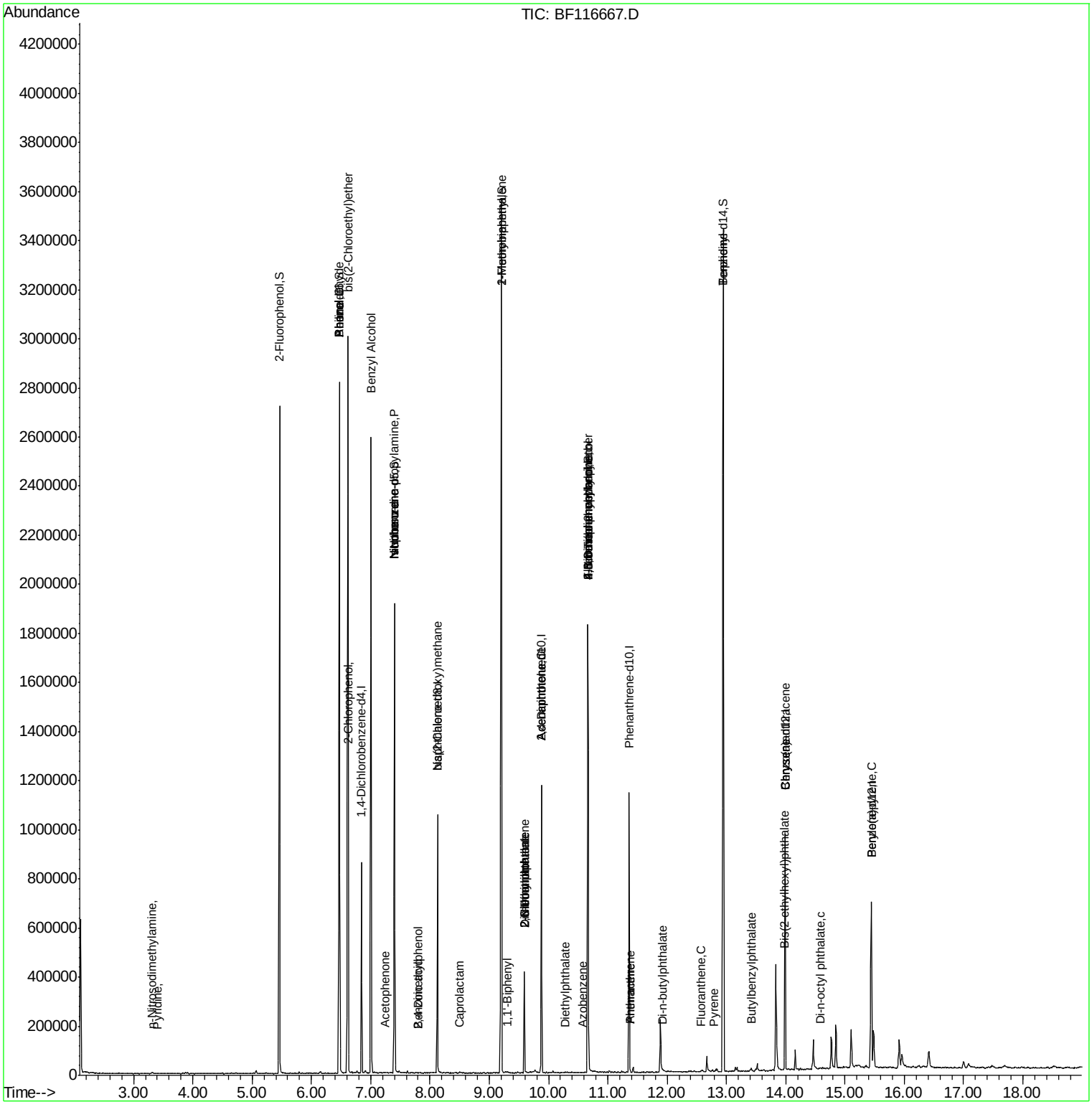
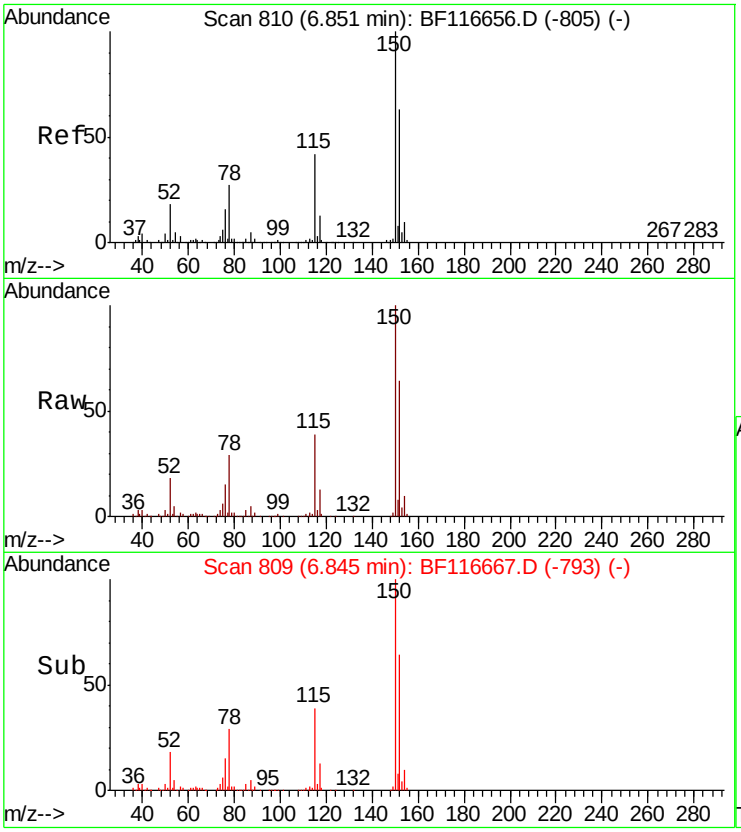
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



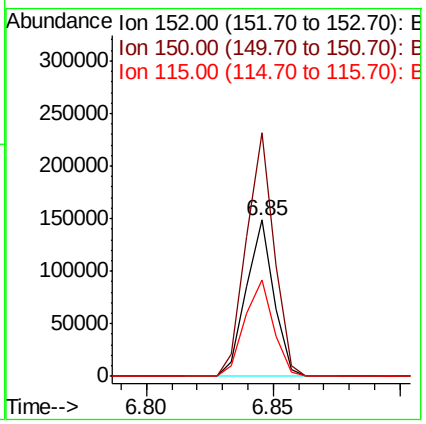


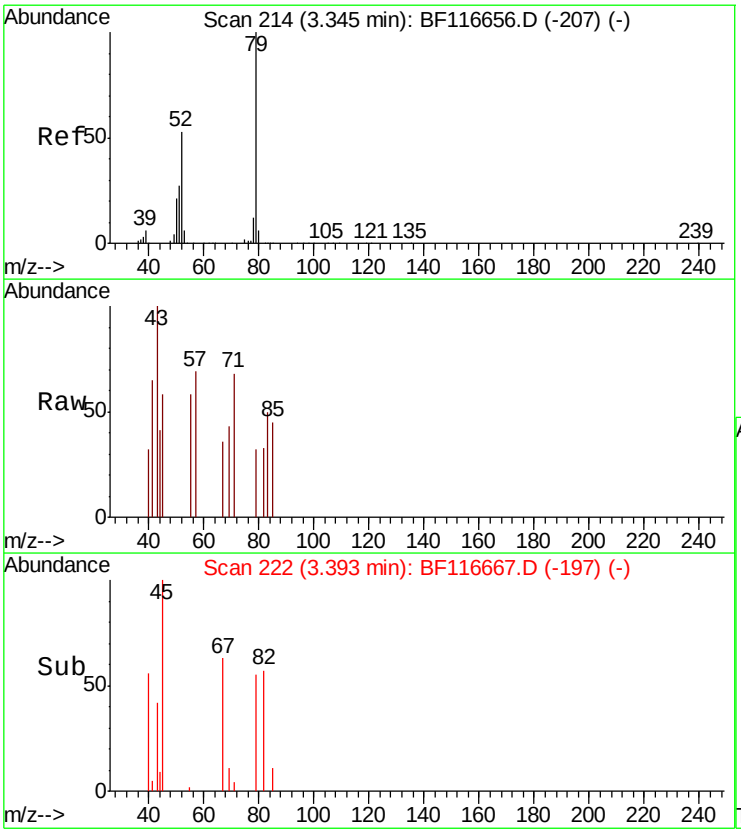
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112684

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.4	186.6
115	61.4	49.9	74.9

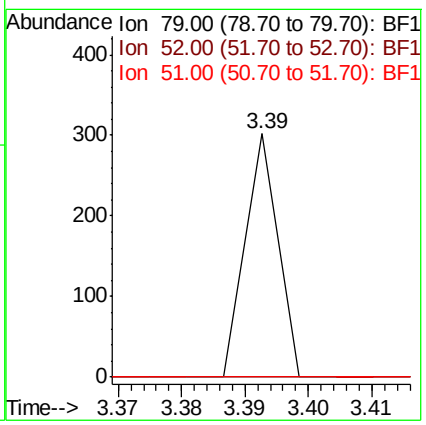


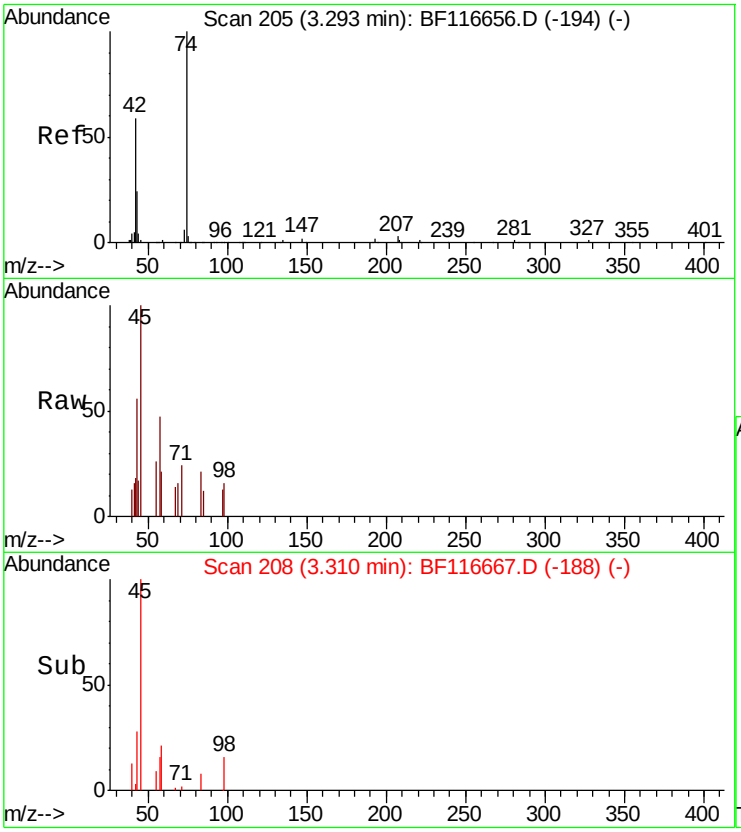


#3
Pyridine
Concen: 0.012 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.05 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion: 79 Resp: 107

Ion	Ratio	Lower	Upper
79	100		
52	0.0	47.4	71.0#
51	0.0	24.1	36.1#



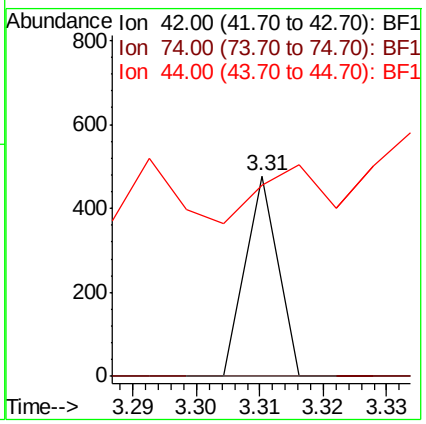


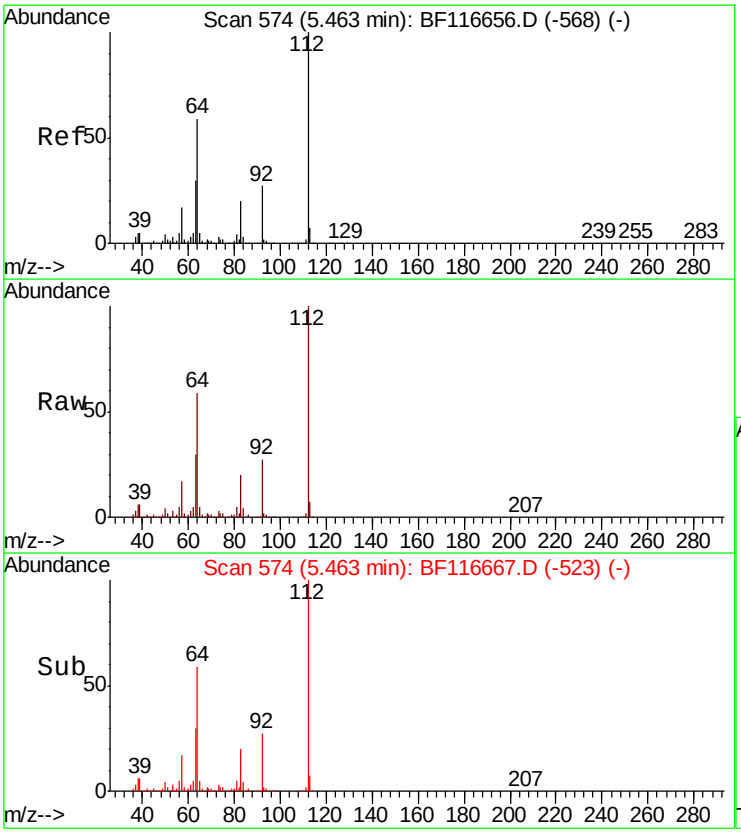
#4
n-Nitrosodimethylamine
Concen: 0.053 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.02 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 168

Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.6	173.4#
44	95.2	4.6	7.0#

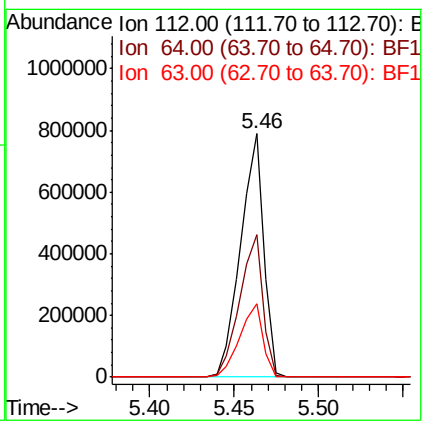


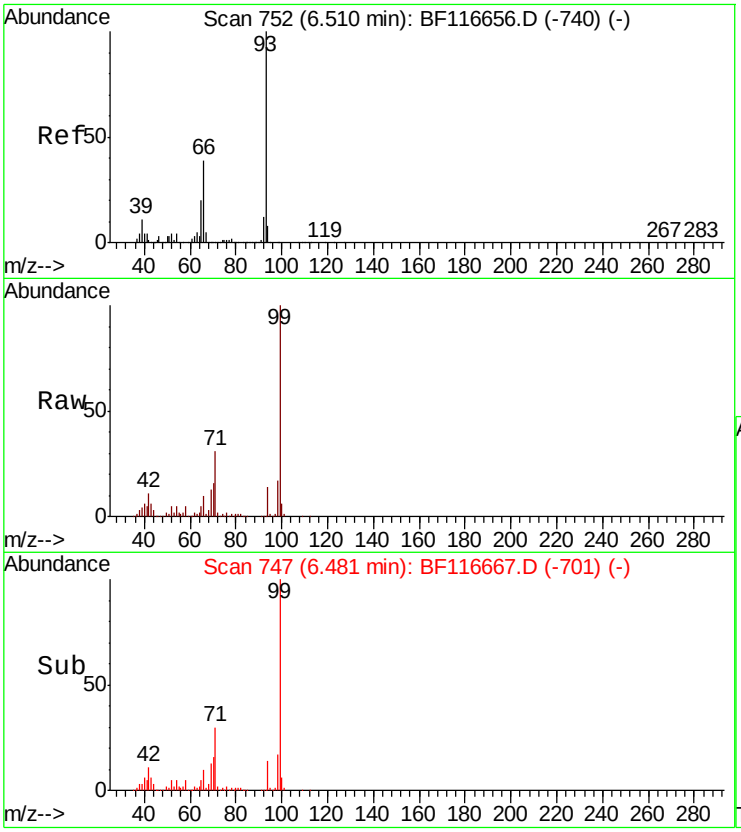


#5
2-Fluorophenol
Concen: 109.448 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:112 Resp: 761273

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.1	70.7
63	30.3	24.9	37.3



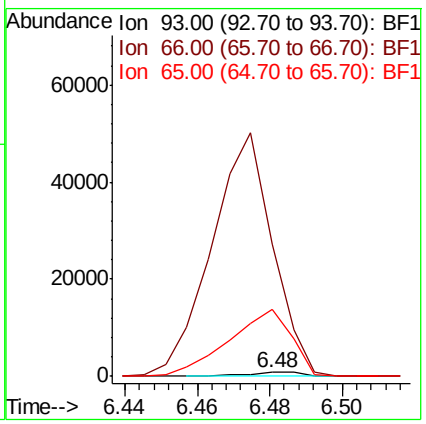


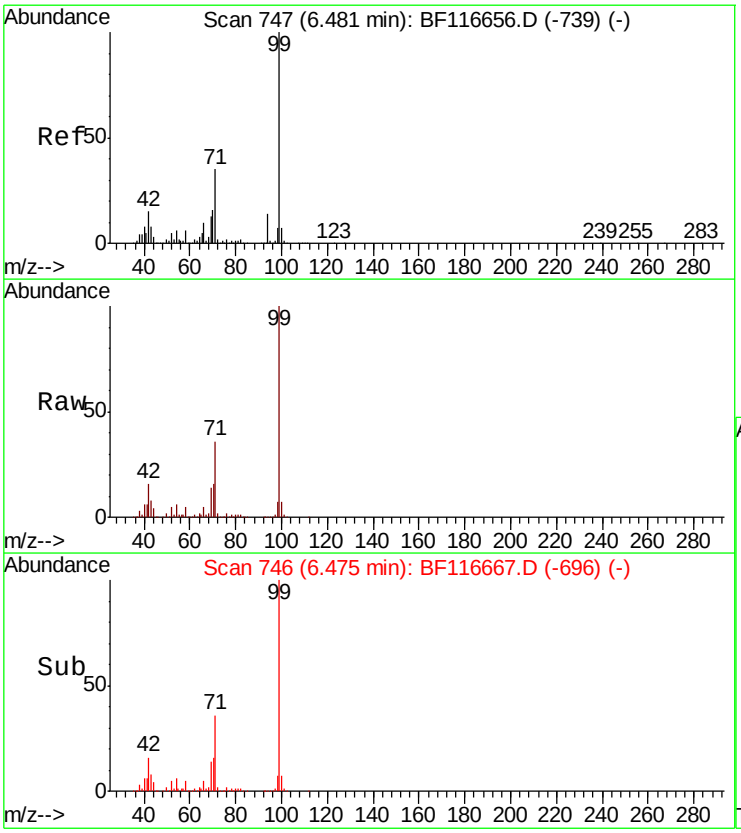
#6
Aniline
Concen: 0.063 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.03 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 797

Ion	Ratio	Lower	Upper
93	100		
66	3279.8	32.7	49.1#
65	1655.3	16.3	24.5#

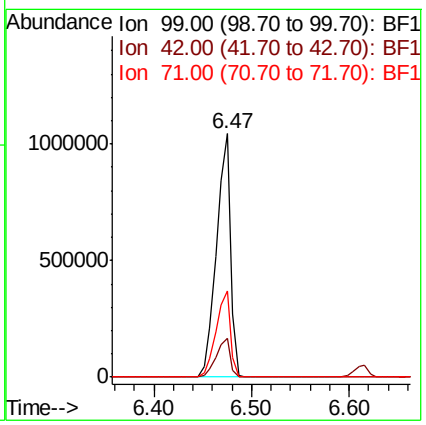


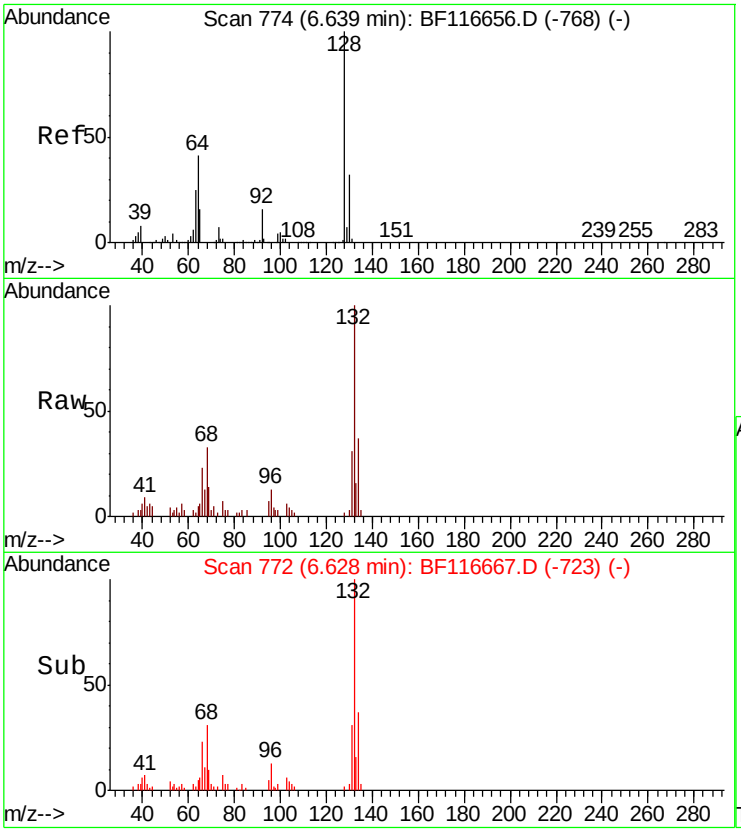


#7
Phenol-d6
Concen: 114.511 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion: 99 Resp: 1045879

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	35.7	30.8	46.2



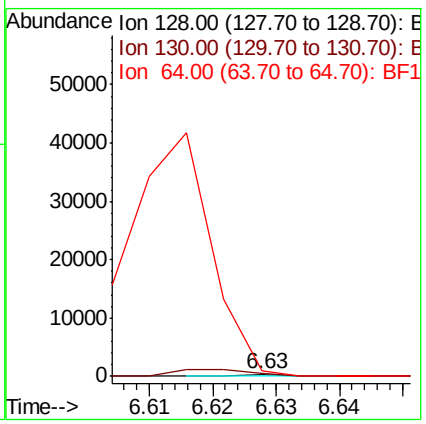


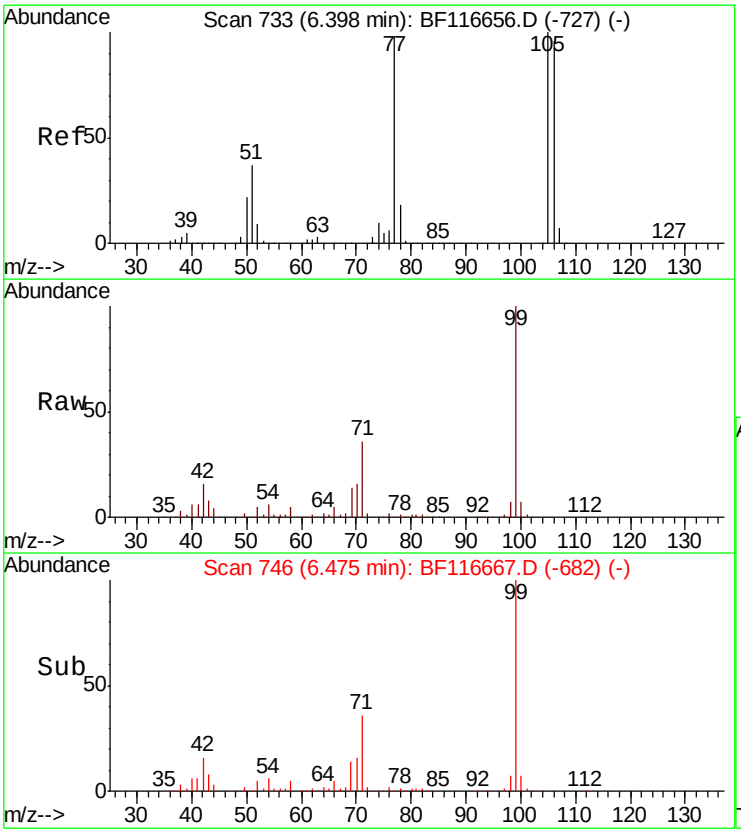
#8
2-Chlorophenol
Concen: 0.015 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 116

Ion	Ratio	Lower	Upper
128	100		
130	176.0	12.3	52.3#
64	299.7	22.5	62.5#

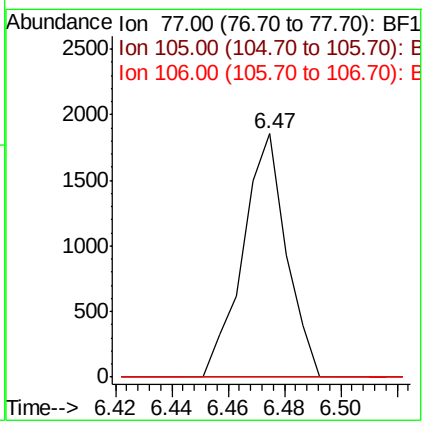


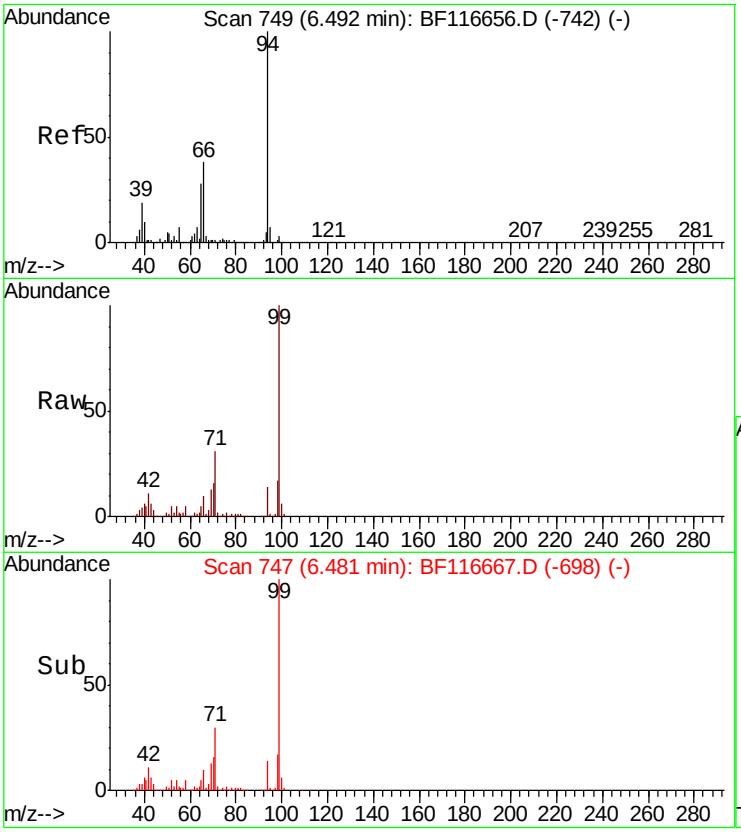


#9
Benzaldehyde
Concen: 0.329 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.08 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion: 77 Resp: 1980

Ion	Ratio	Lower	Upper
77	100		
105	0.0	76.7	116.7#
106	0.0	73.1	113.1#



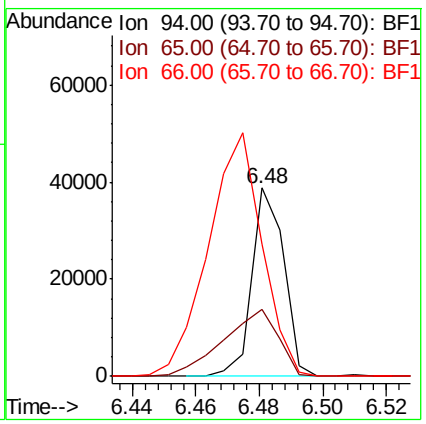


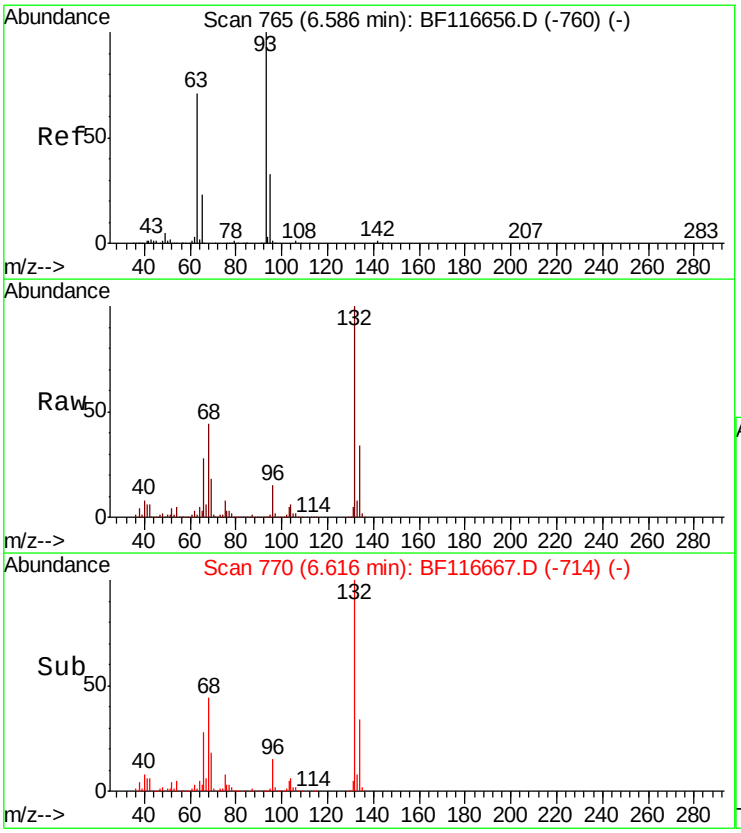
#10
Phenol
Concen: 2.685 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 27159

Ion	Ratio	Lower	Upper
94	100		
65	35.5	10.8	50.8
66	70.4	21.1	61.1#

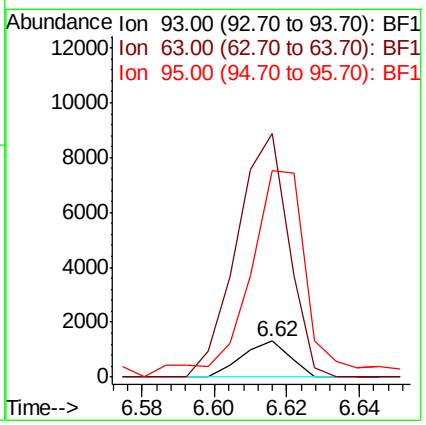


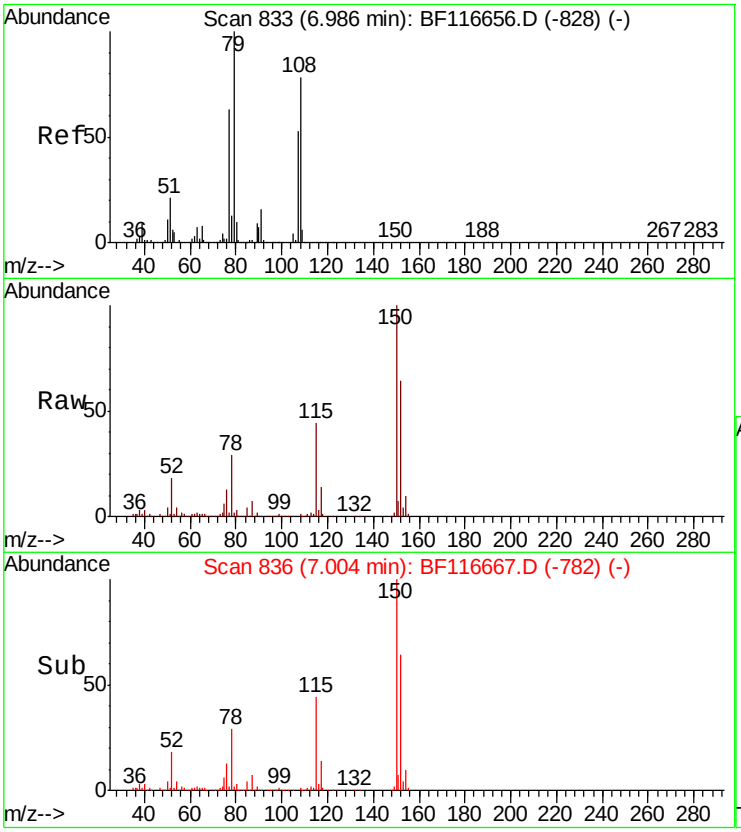


#11
bis(2-Chloroethyl)ether
Concen: 0.150 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.03 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion: 93 Resp: 1181

Ion	Ratio	Lower	Upper
93	100		
63	683.4	49.9	89.9#
95	580.0	12.7	52.7#



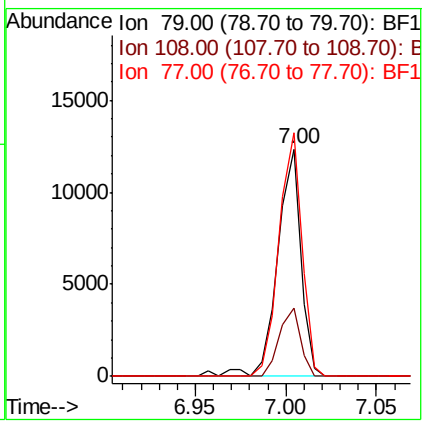


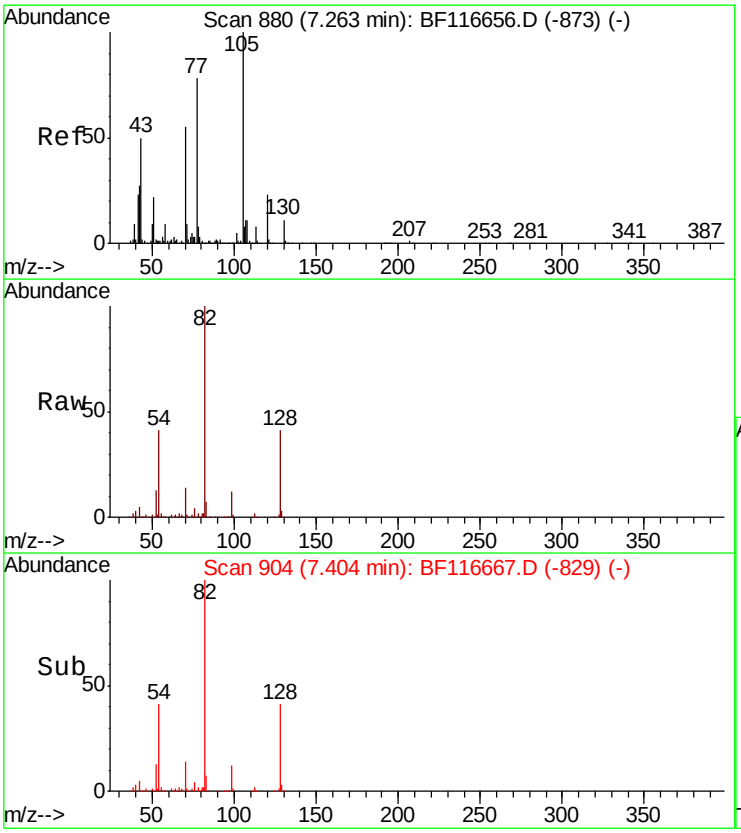
#15
Benzyl Alcohol
Concen: 1.496 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.02 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 11088

Ion	Ratio	Lower	Upper
79	100		
108	30.1	59.2	88.8#
77	107.0	53.0	79.4#

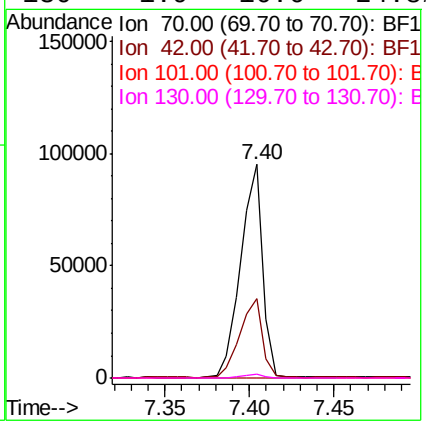


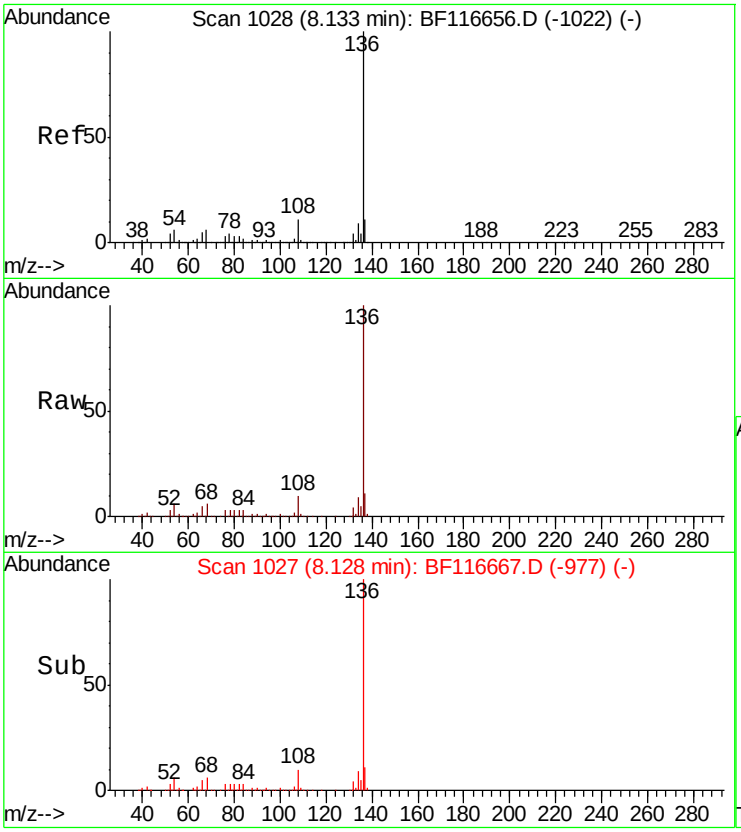


#19
n-Nitroso-di-n-propylamine
Concen: 14.597 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion: 70 Resp: 87785

Ion	Ratio	Lower	Upper
70	100		
42	37.4	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



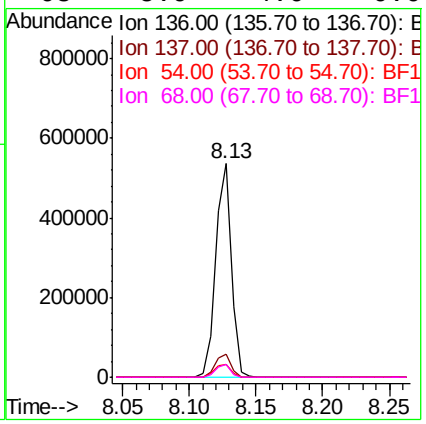


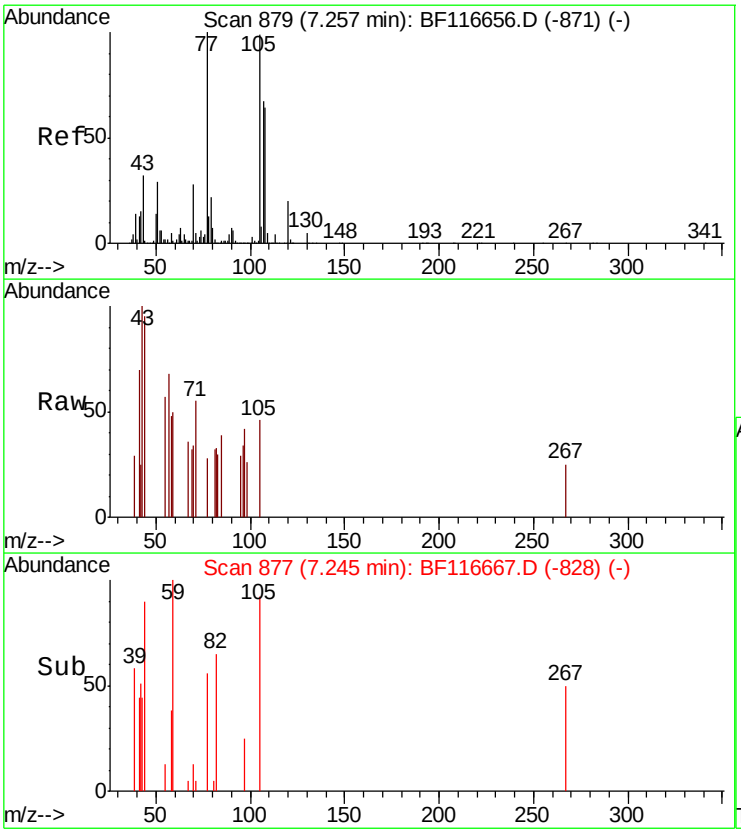
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 447038

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	4.8	7.2
68	5.9	4.0	6.0

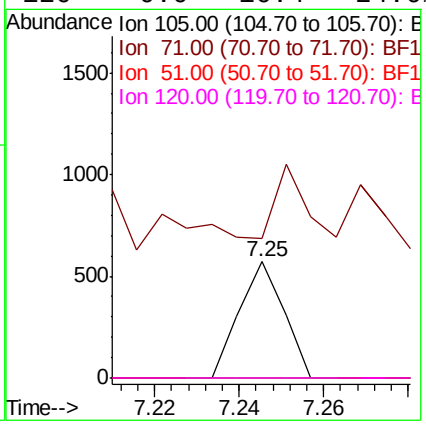


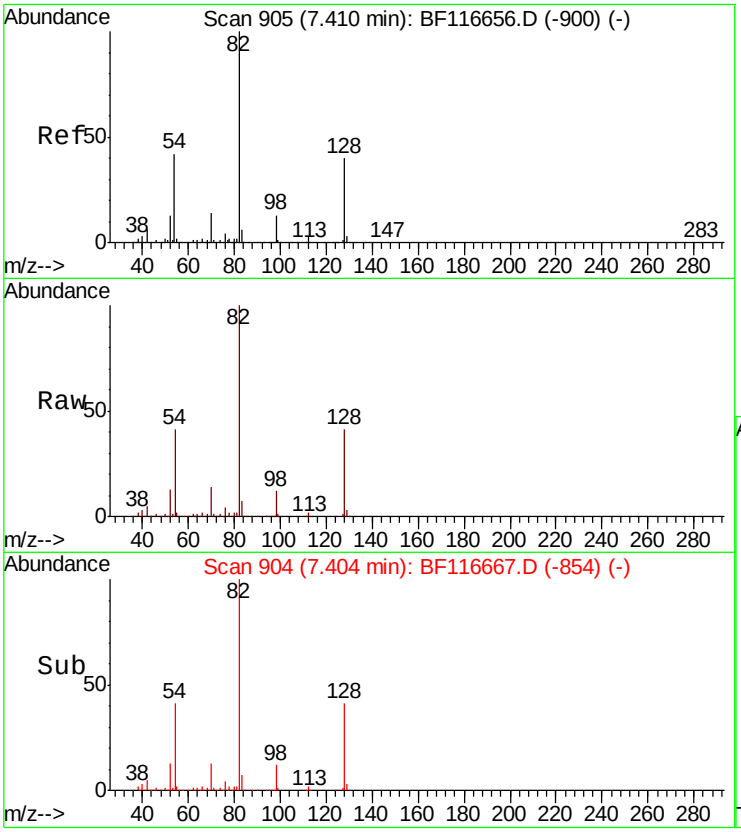


#22
Acetophenone
Concen: 0.039 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:105 Resp: 417

Ion	Ratio	Lower	Upper
105	100		
71	120.5	4.2	6.4#
51	0.0	25.8	38.8#
120	0.0	16.4	24.6#



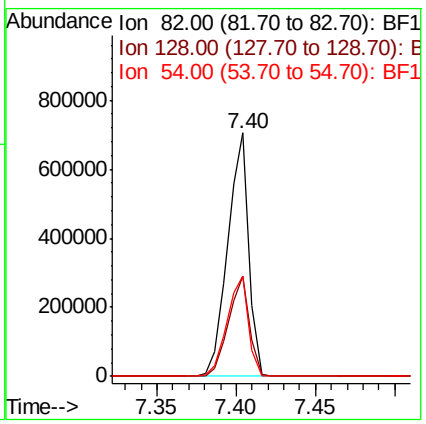


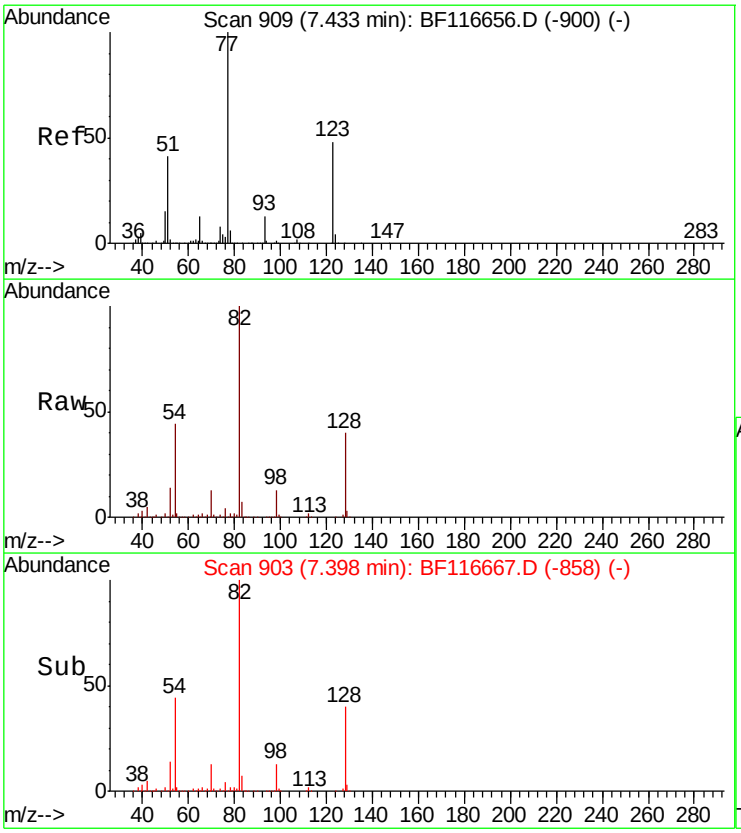
#23
Nitrobenzene-d5
Concen: 82.629 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 647051

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.8	49.2
54	41.4	36.9	55.3

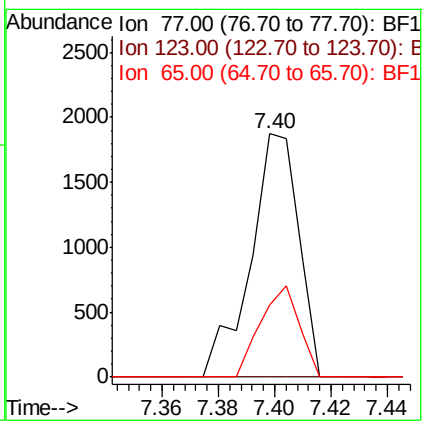


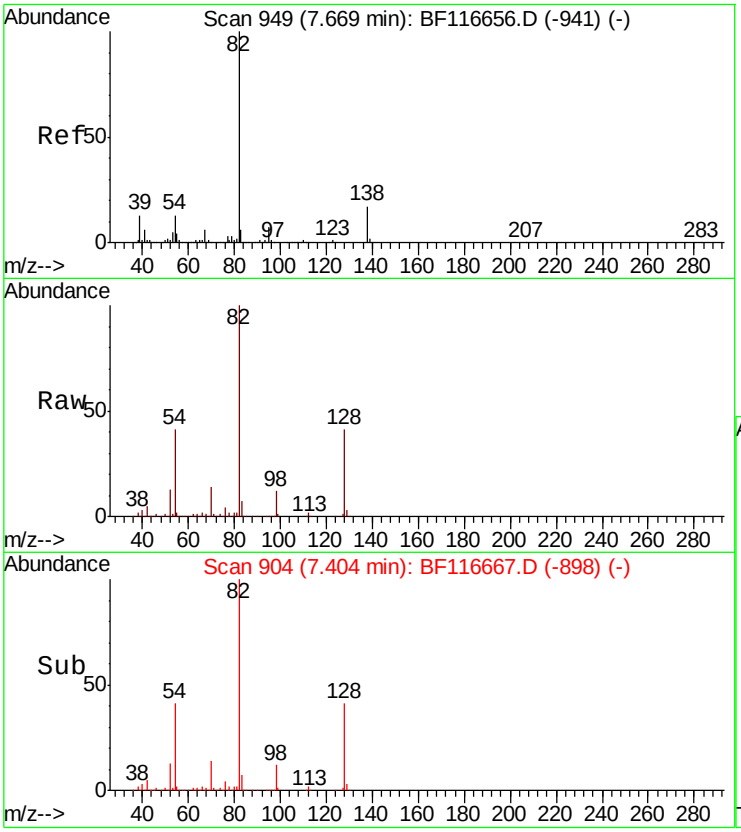


#24
Nitrobenzene
Concen: 0.279 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion: 77 Resp: 2221

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.1	49.7#
65	29.7	10.6	15.8#



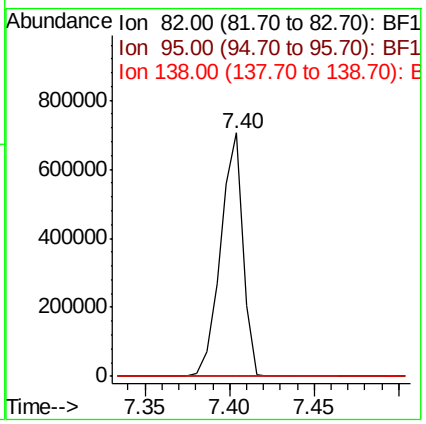


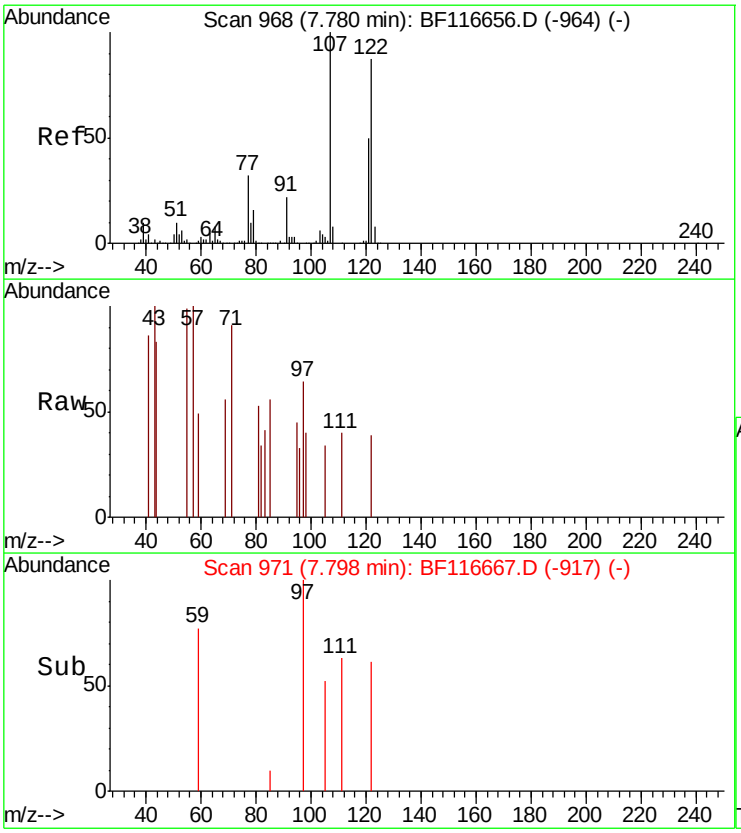
#25
Isophorone
Concen: 40.575 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 643841

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	13.5	20.3#

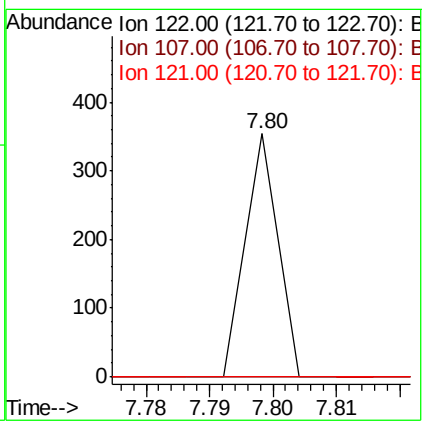


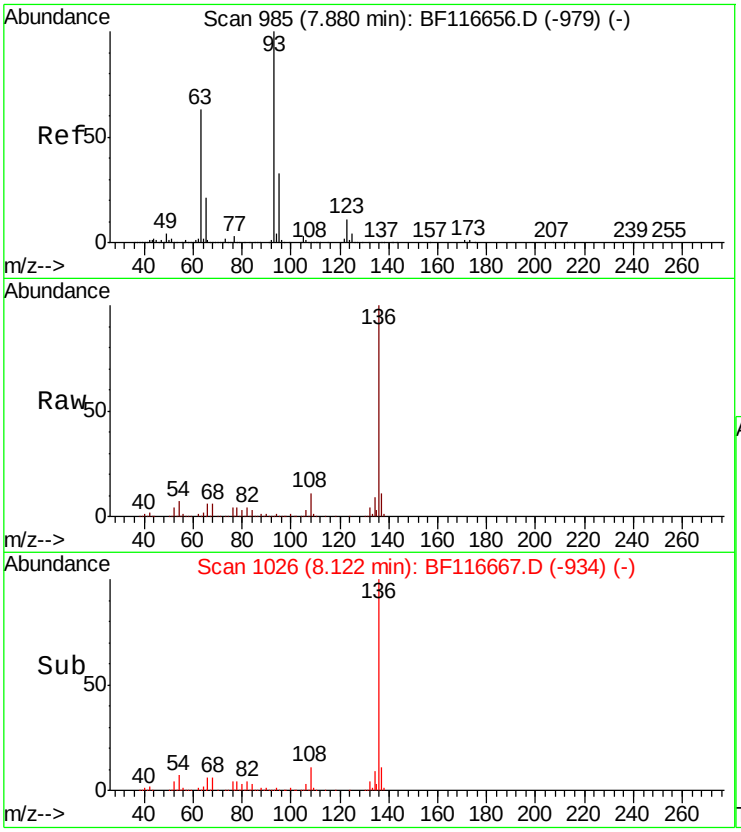


#27
2,4-Dimethylphenol
Concen: 0.021 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.02 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:122 Resp: 125

Ion	Ratio	Lower	Upper
122	100		
107	0.0	98.1	147.1#
121	0.0	47.3	70.9#



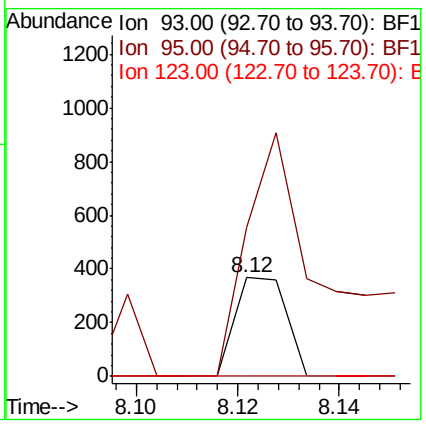


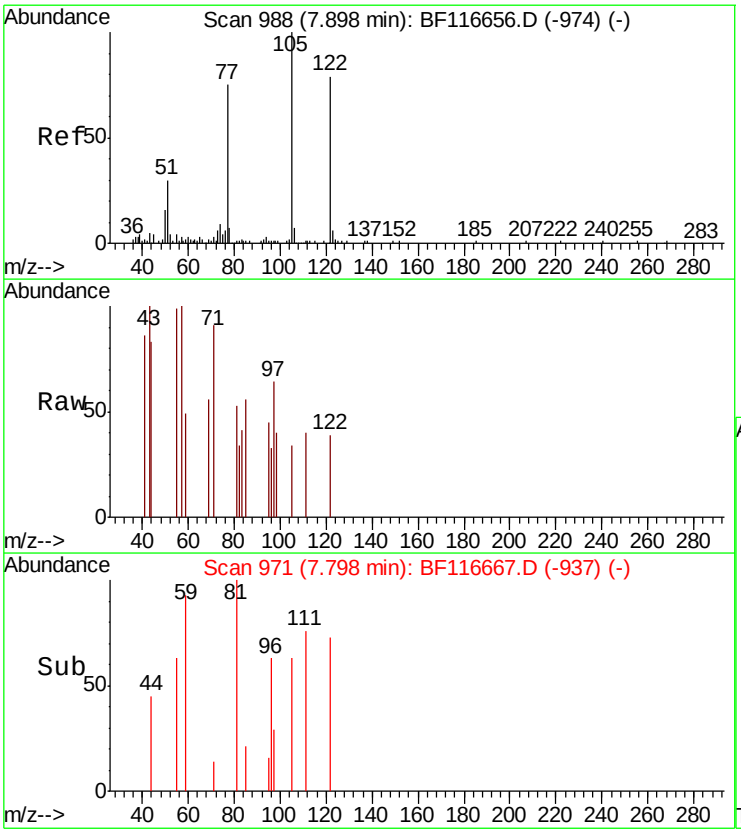
#28
bis(2-Chloroethoxy)methane
Concen: 0.027 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.24 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 257

Ion	Ratio	Lower	Upper
93	100		
95	150.7	26.4	39.6#
123	0.0	9.8	14.8#

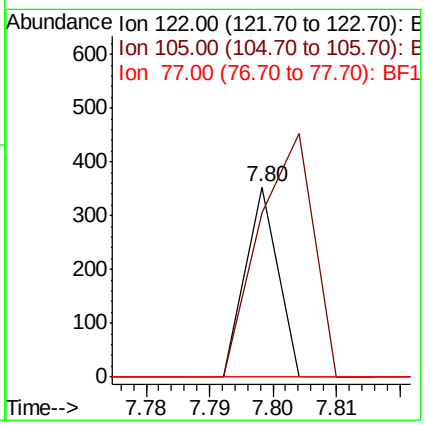


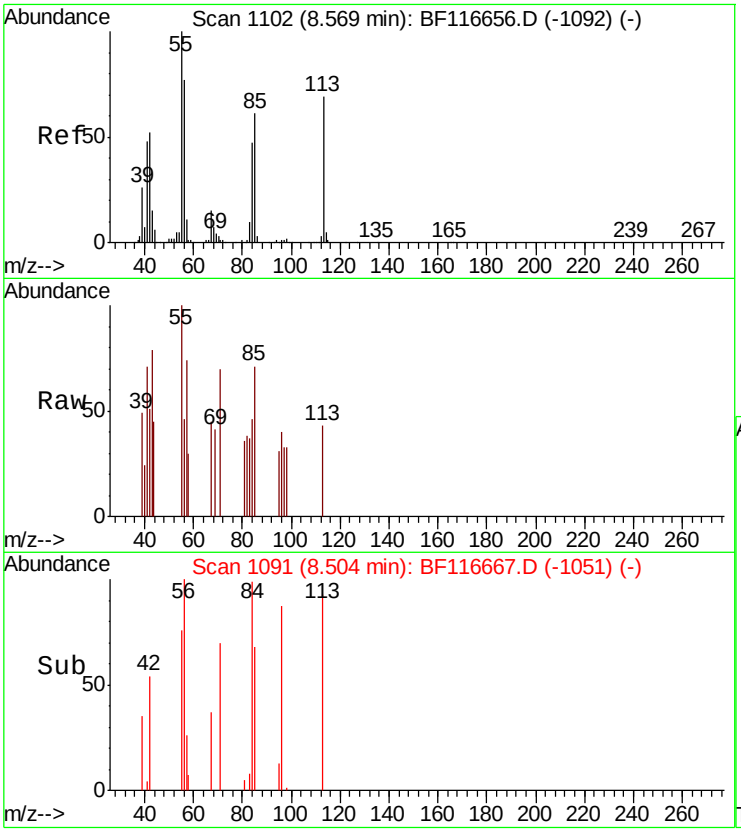


#32
Benzoic acid
Concen: 0.037 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.10 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:122 Resp: 125

Ion	Ratio	Lower	Upper
122	100		
105	86.2	110.0	150.0#
77	0.0	81.7	121.7#



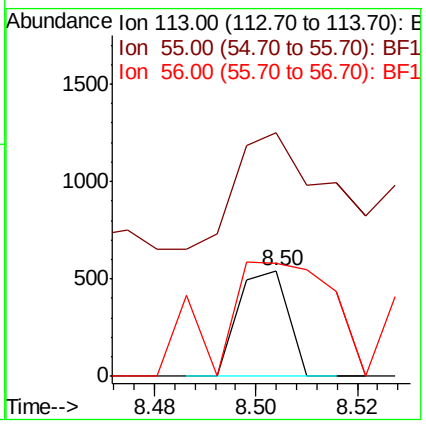


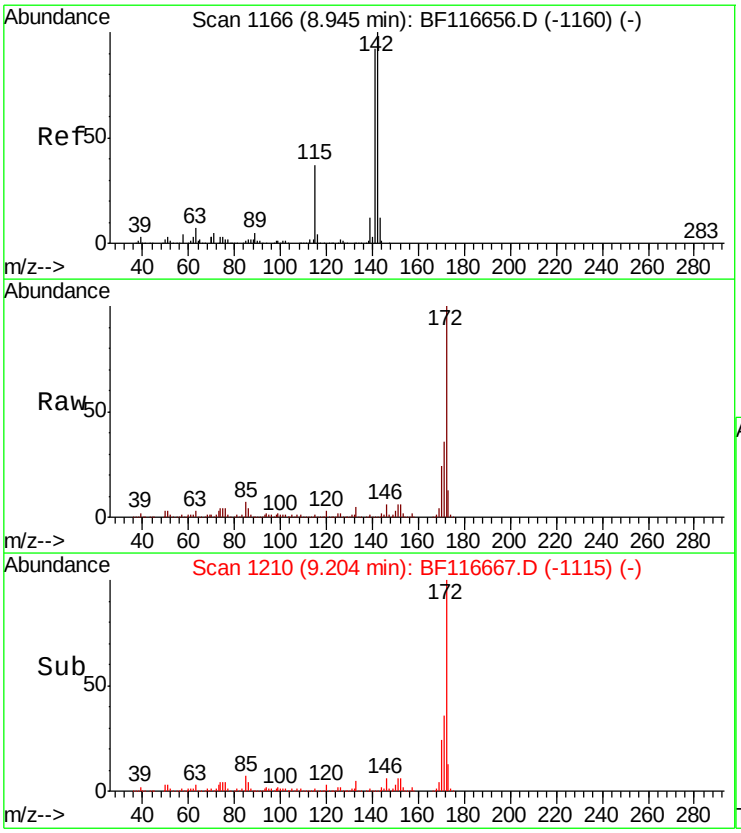
#35
Caprolactam
Concen: 0.170 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.06 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 366

Ion	Ratio	Lower	Upper
113	100		
55	231.1	124.3	164.3#
56	107.0	94.6	134.6

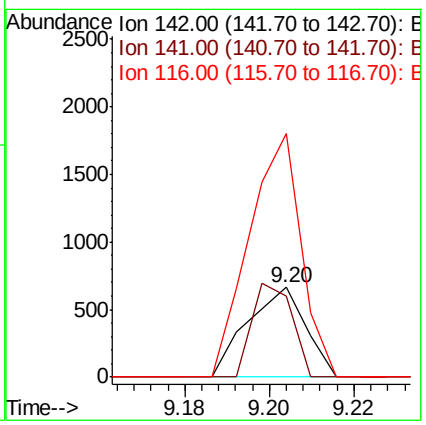


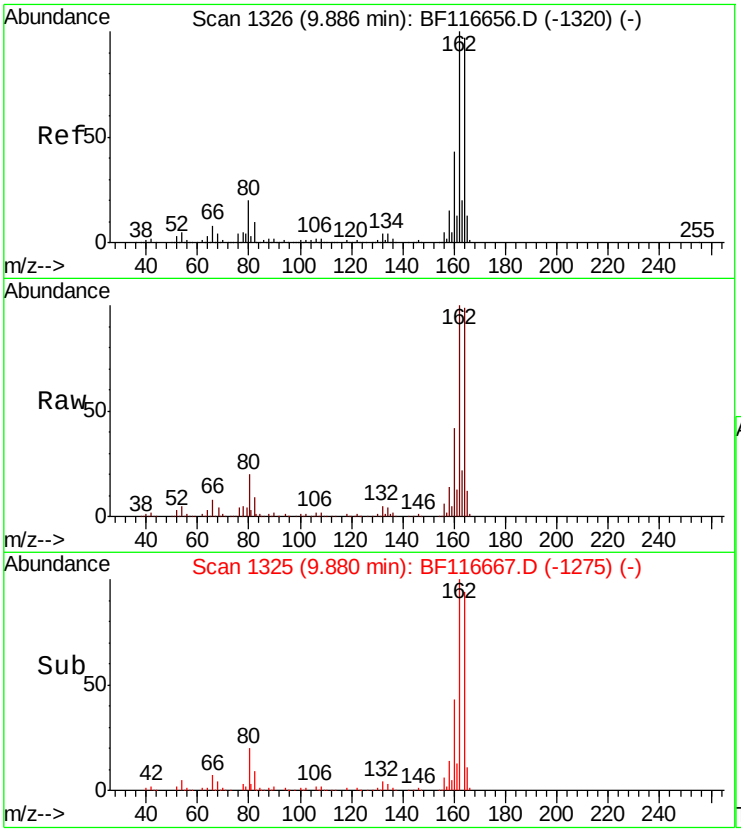


#38
1-Methylnaphthalene
Concen: 0.048 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.26 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:142 Resp: 637

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.9	110.9
116	271.0	3.0	4.6#



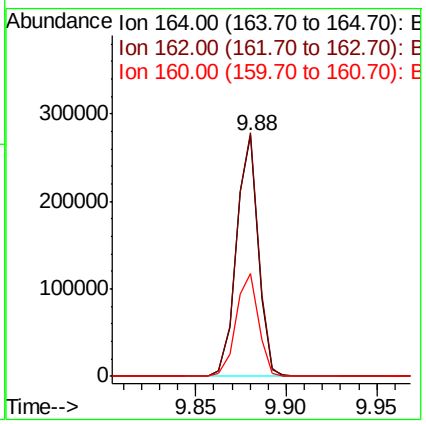


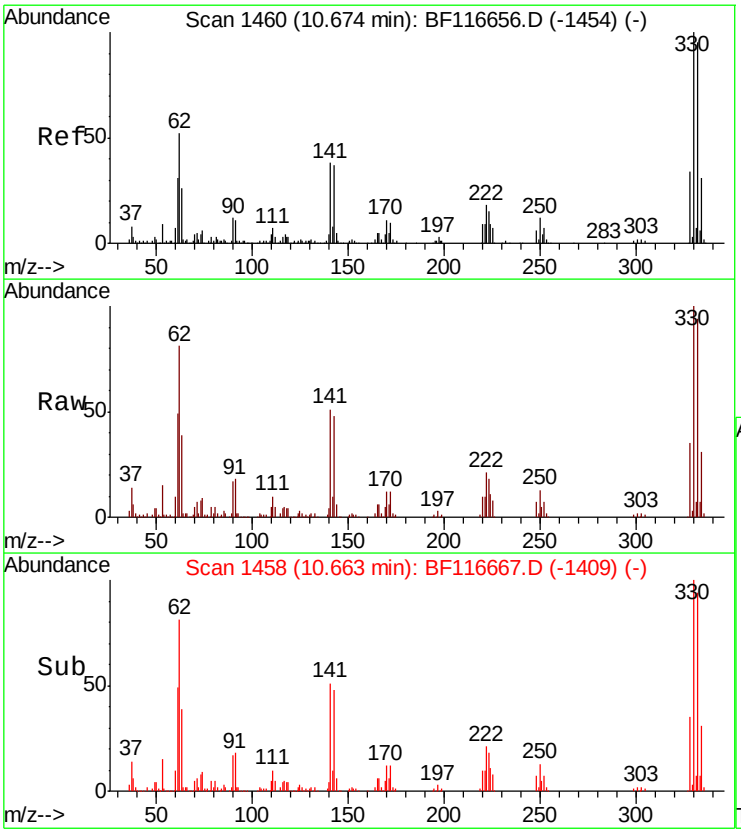
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 228232

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	42.8	35.4	53.2

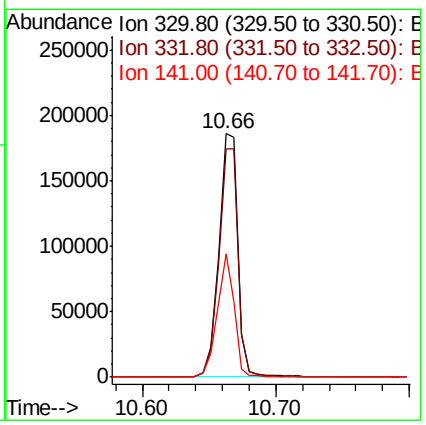


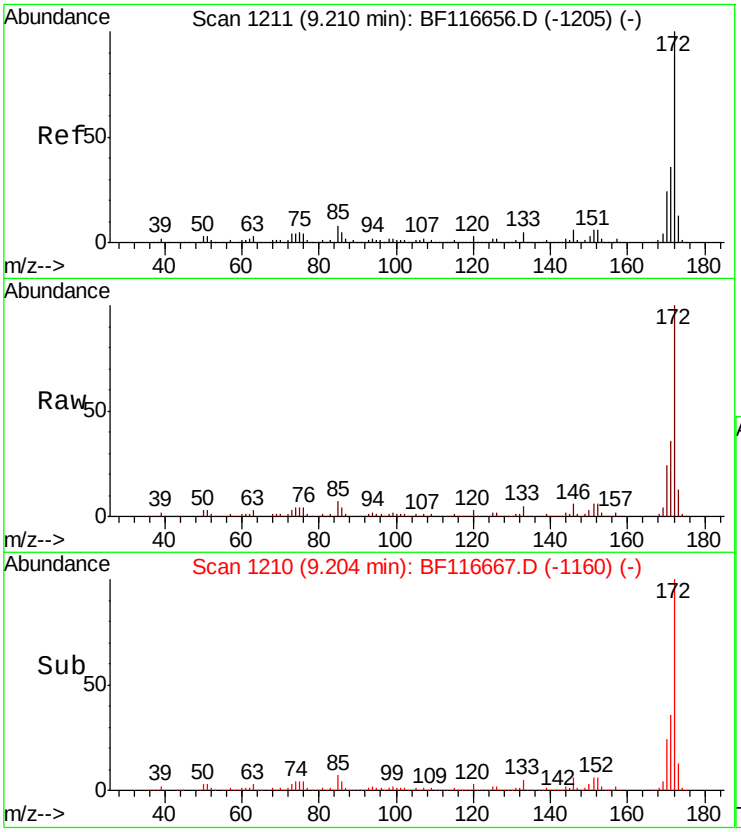


#42
2,4,6-Tribromophenol
Concen: 123.452 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:330 Resp: 188360

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.9	115.3
141	45.0	31.4	47.2



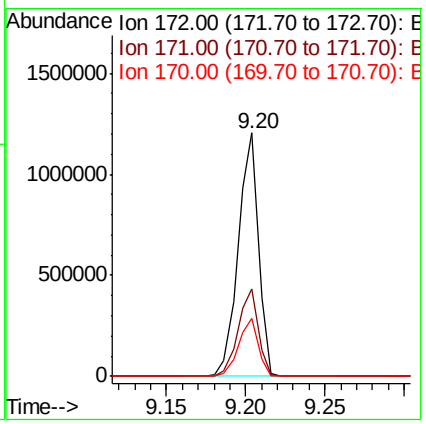


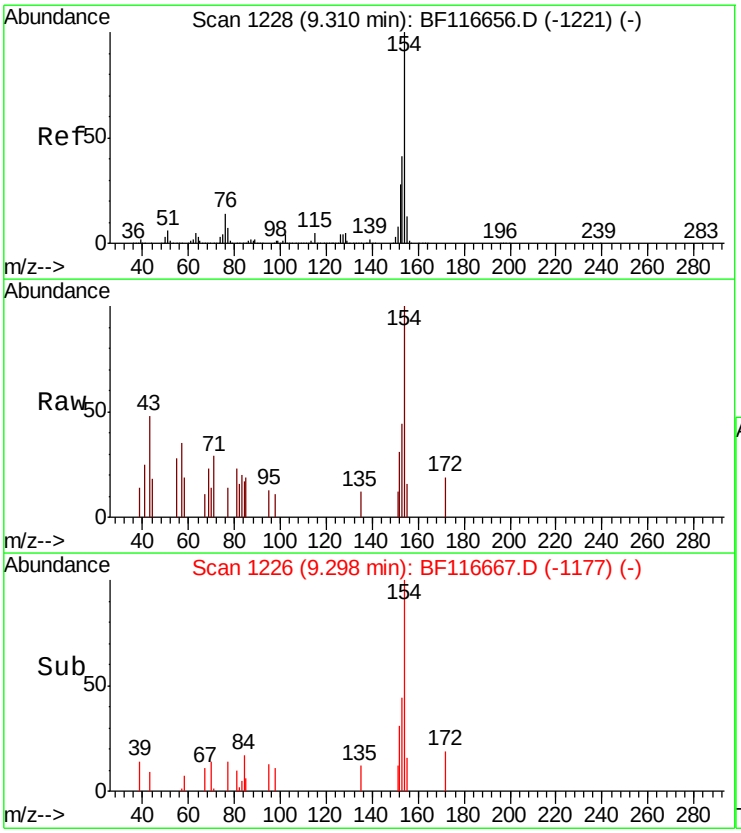
#45
2-Fluorobiphenyl
Concen: 78.660 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1064244

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	24.0	18.9	28.3

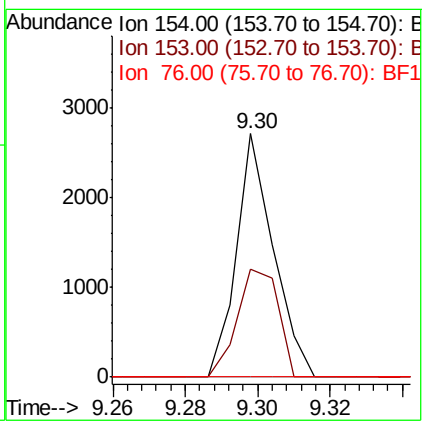


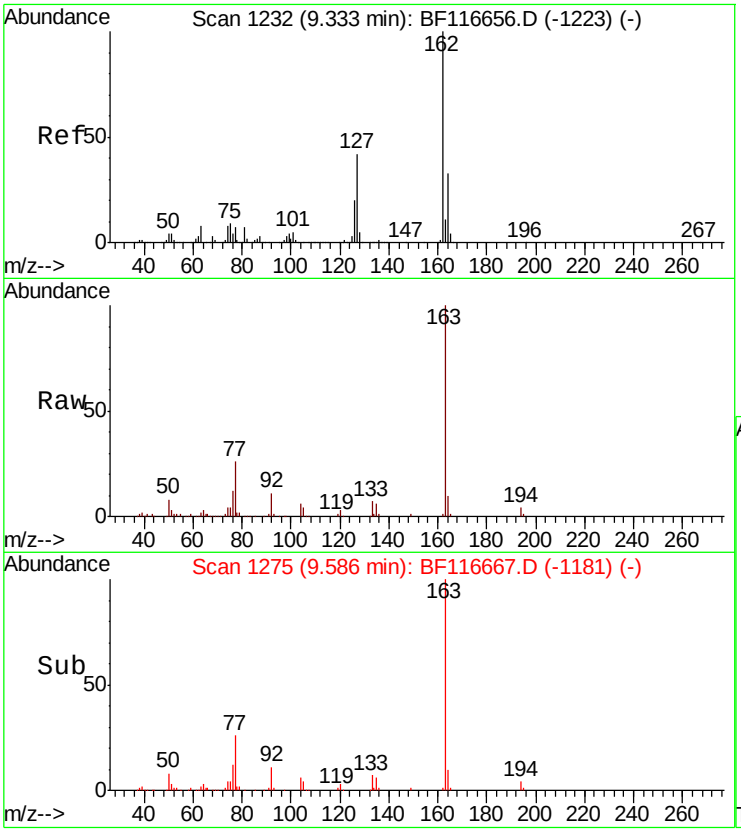


#46
1,1'-Biphenyl
Concen: 0.111 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:154 Resp: 1924

Ion	Ratio	Lower	Upper
154	100		
153	44.3	21.2	61.2
76	0.0	0.0	30.9



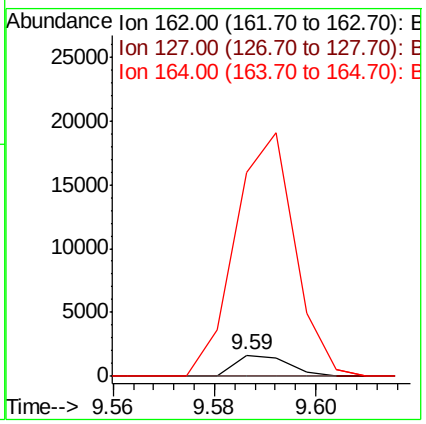


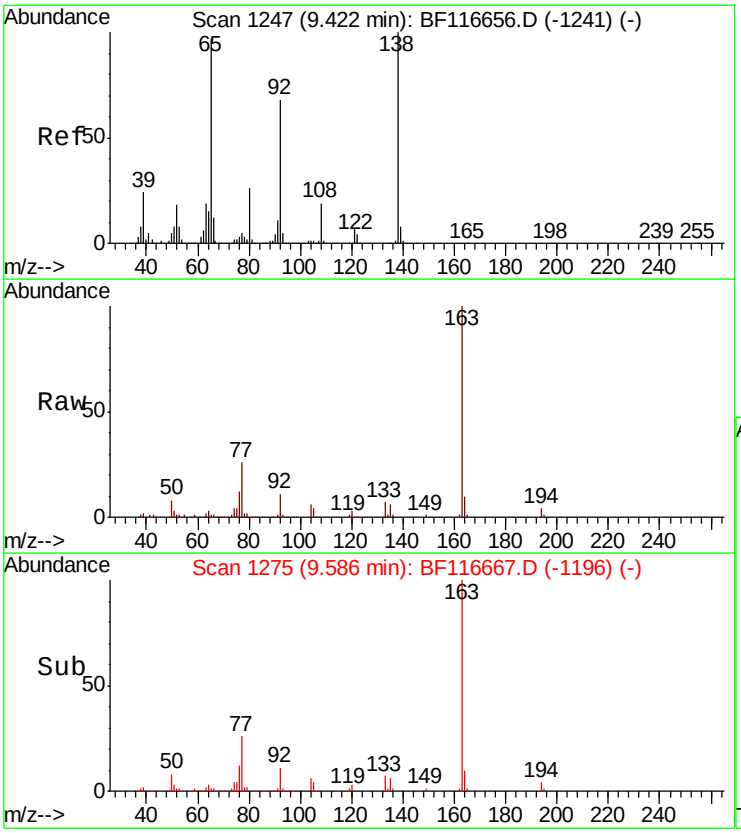
#47
2-Chloronaphthalene
Concen: 0.089 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.25 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 1221

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	974.8	26.6	39.8#

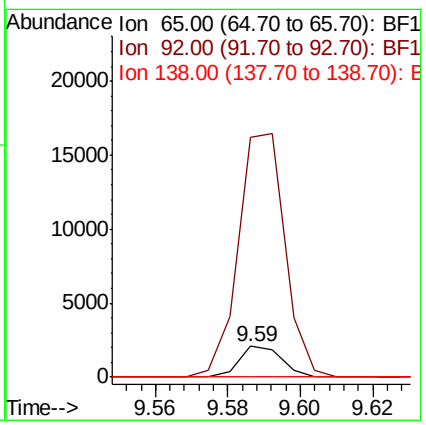


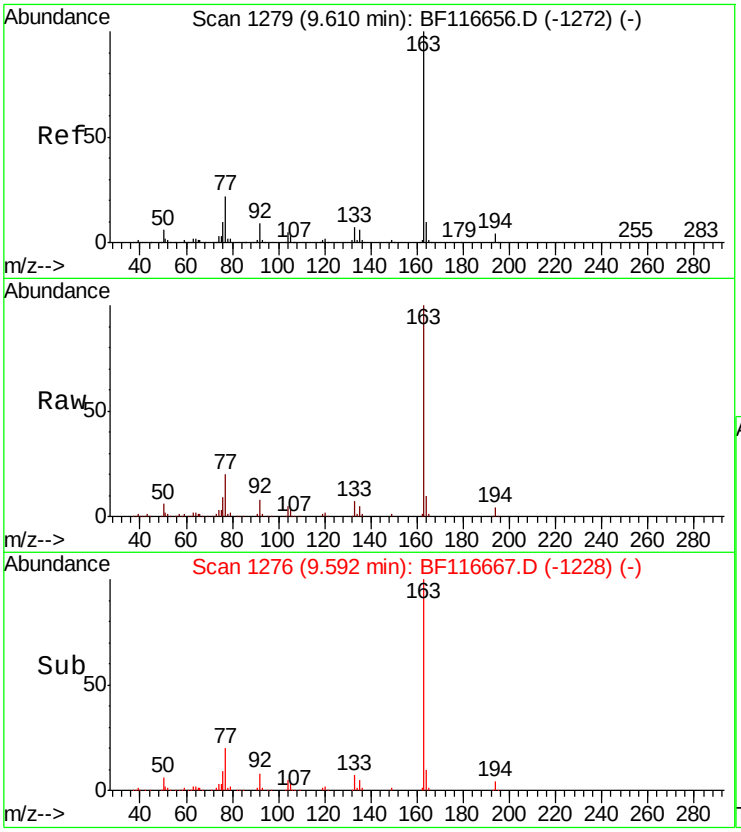


#48
2-Nitroaniline
Concen: 0.428 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.16 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion: 65 Resp: 1699

Ion	Ratio	Lower	Upper
65	100		
92	776.5	57.1	85.7#
138	0.0	88.2	132.2#



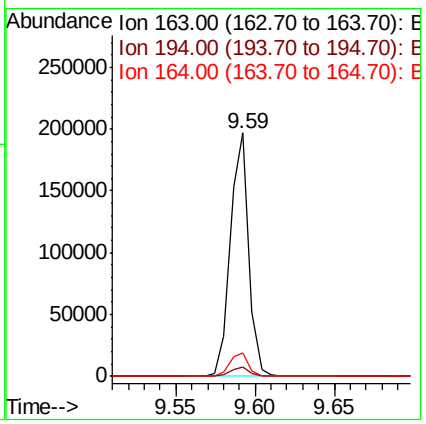


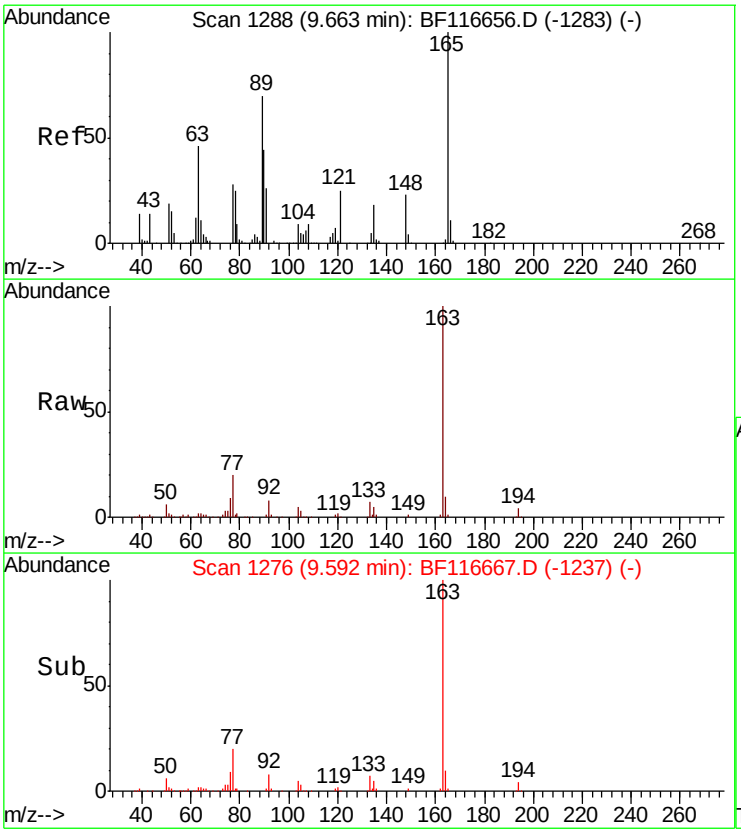
#50
Dimethylphthalate
Concen: 10.045 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 158272

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.7	8.6	12.8

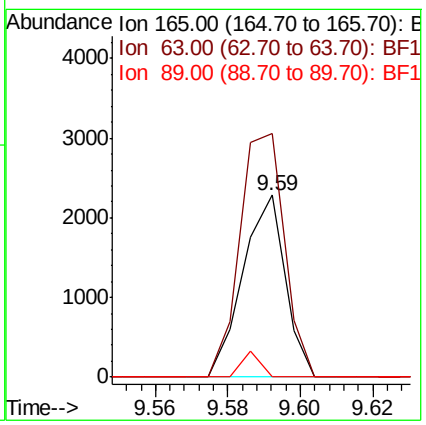


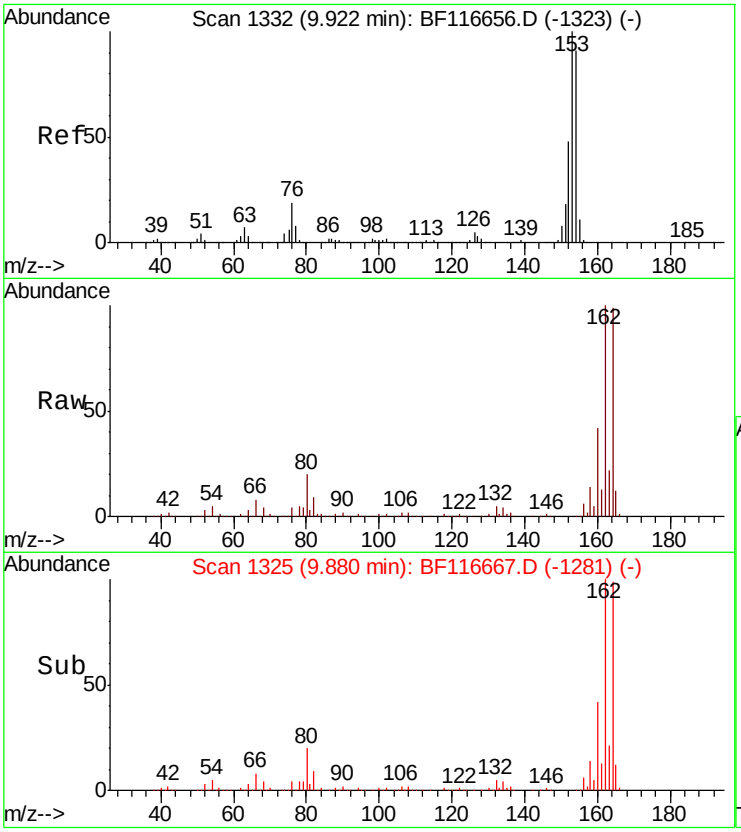


#51
2,6-Dinitrotoluene
Concen: 0.614 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.07 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:165 Resp: 1845

Ion	Ratio	Lower	Upper
165	100		
63	133.9	47.3	70.9#
89	0.0	52.5	78.7#



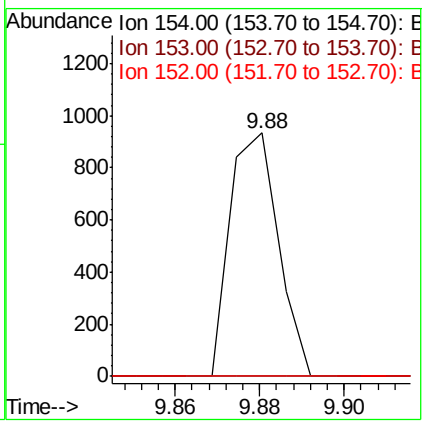


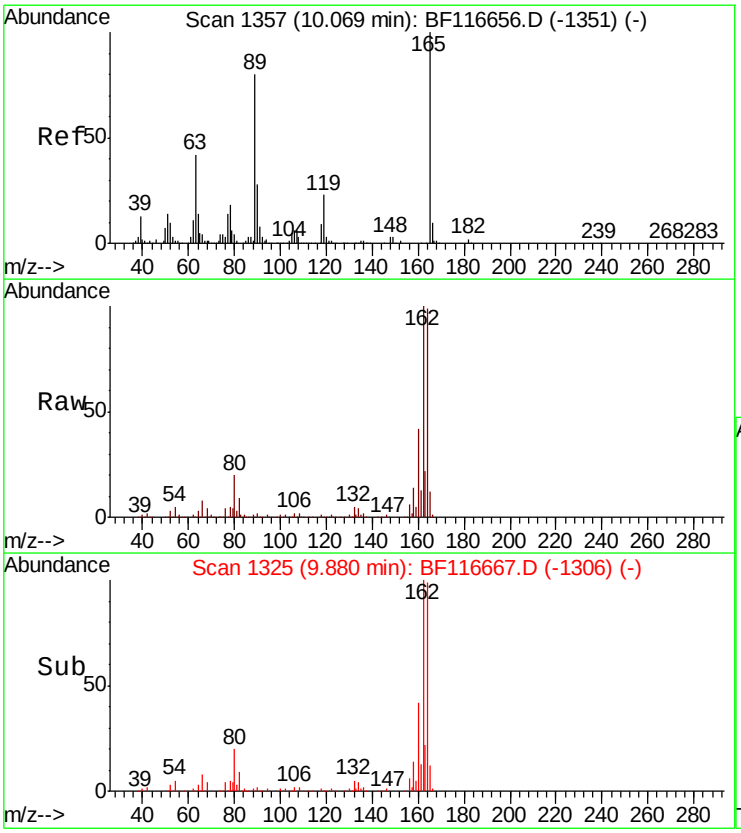
#52
Acenaphthene
Concen: 0.058 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.04 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 742

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.5	134.3#
152	0.0	41.9	62.9#

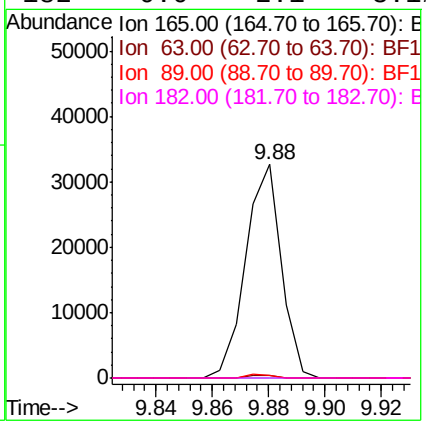


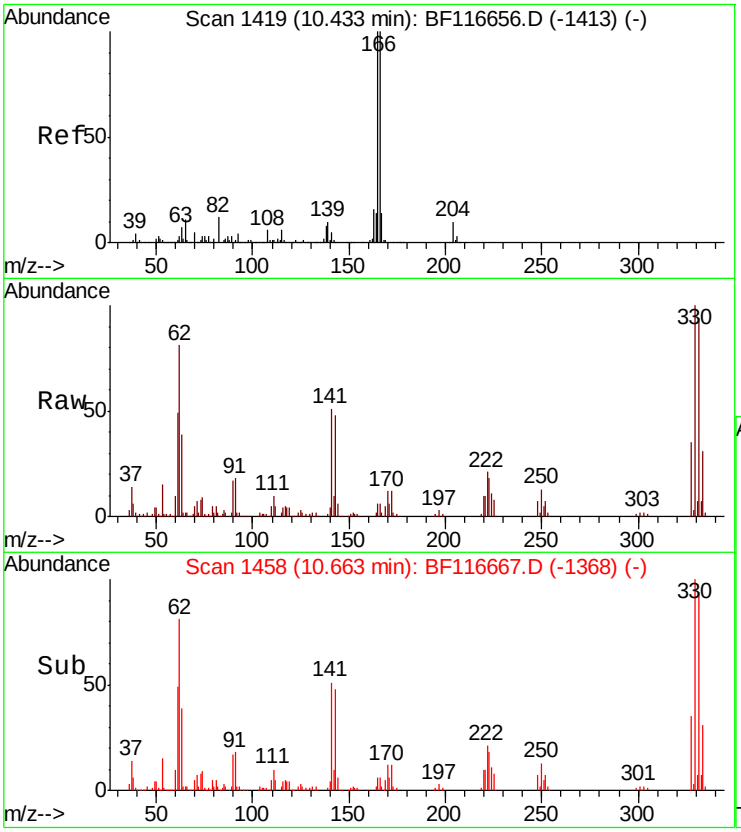


#57
2,4-Dinitrotoluene
Concen: 7.749 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:165 Resp: 28487

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	62.6	94.0#
182	0.0	2.1	3.1#



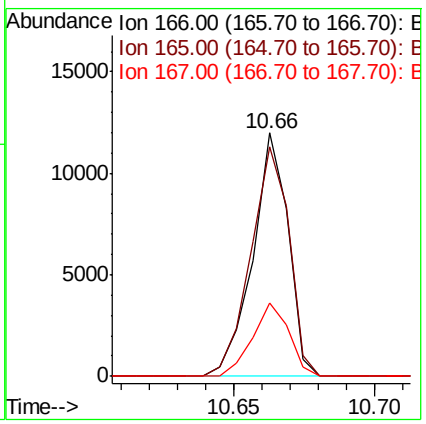


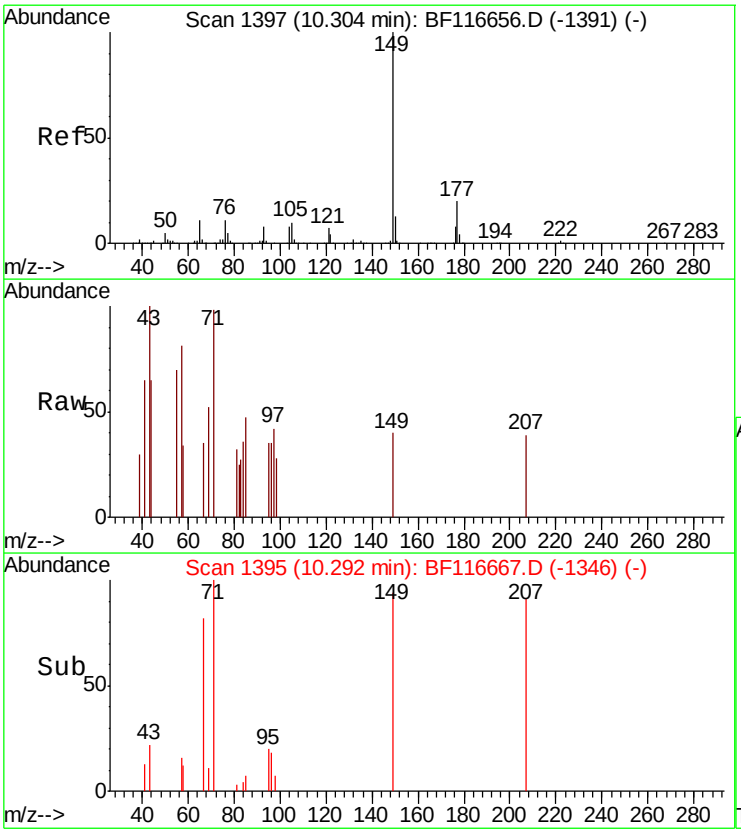
#58
Fluorene
Concen: 0.763 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.23 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 10446

Ion	Ratio	Lower	Upper
166	100		
165	94.4	78.8	118.2
167	29.9	10.0	15.0#

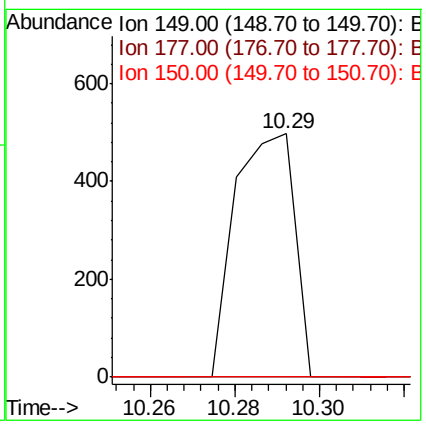


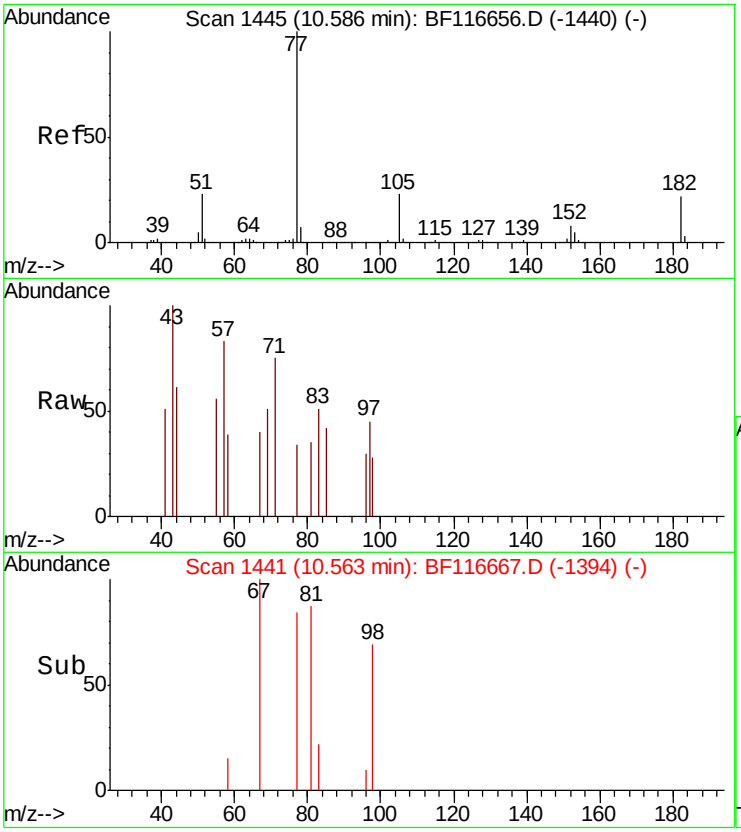


#60
Diethylphthalate
Concen: 0.031 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:149 Resp: 488

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.2	25.8#
150	0.0	9.7	14.5#



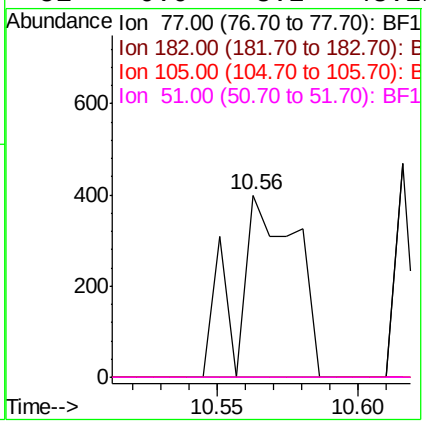


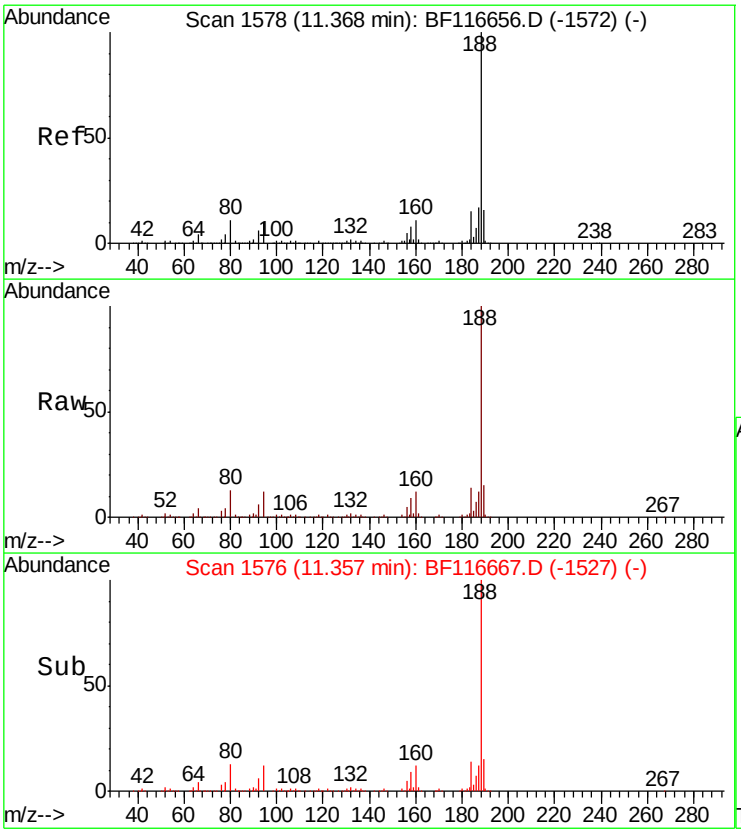
#63
Azobenzene
Concen: 0.035 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 584

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.2	41.2#
105	0.0	0.6	40.6#
51	0.0	8.2	48.2#

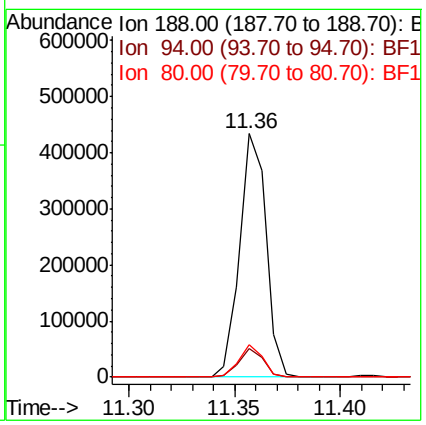


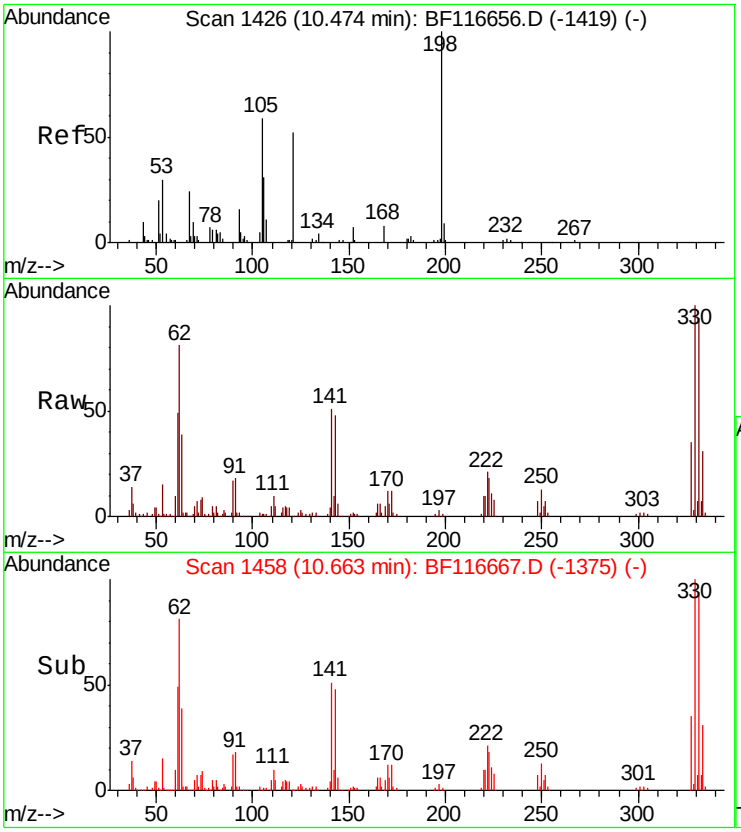


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:188 Resp: 376880

Ion	Ratio	Lower	Upper
188	100		
94	11.6	7.3	10.9#
80	13.2	8.4	12.6#



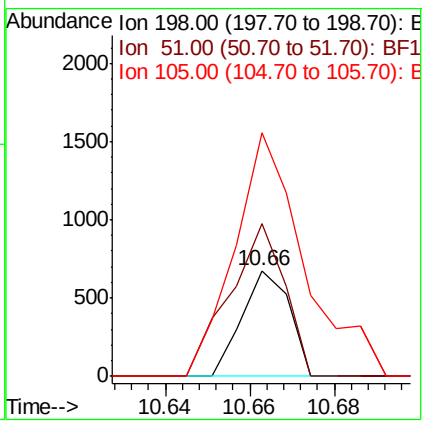


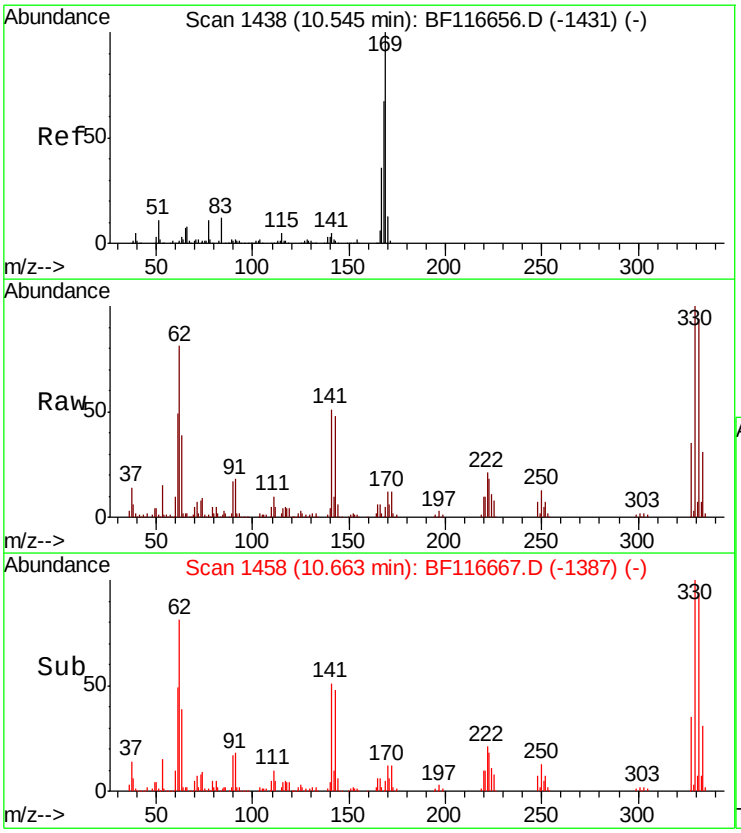
#65
4,6-Dinitro-2-methylphenol
Concen: 7.774 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 530

Ion	Ratio	Lower	Upper
198	100		
51	145.2	18.4	58.4#
105	231.2	22.9	62.9#

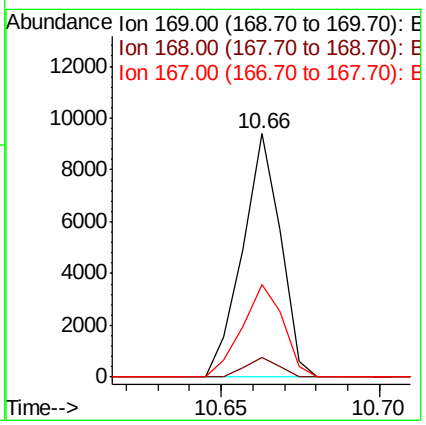


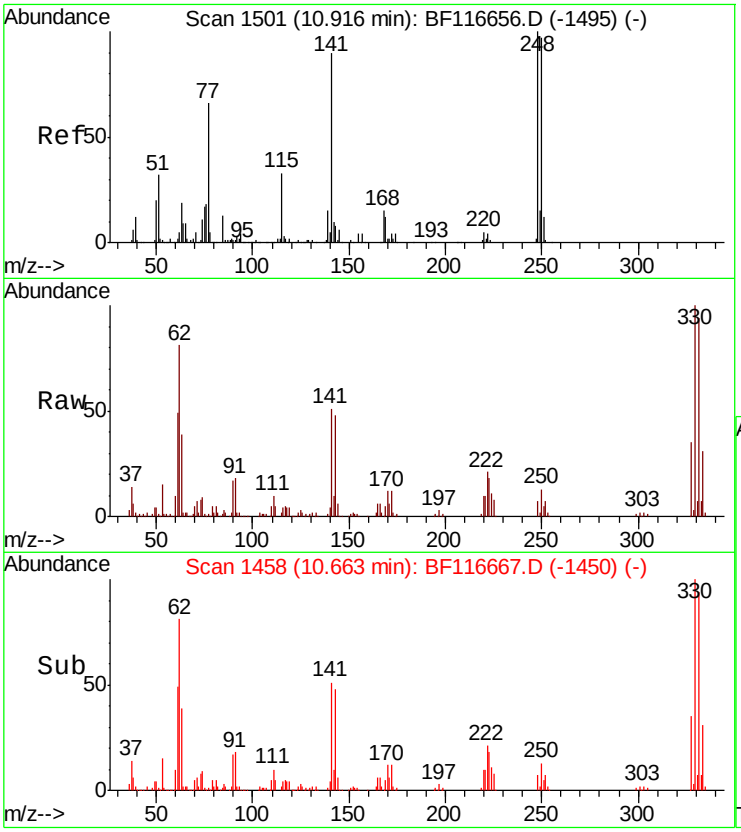


#66
n-Nitrosodiphenylamine
Concen: 0.601 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.12 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:169 Resp: 7831

Ion	Ratio	Lower	Upper
169	100		
168	8.0	55.8	83.6#
167	38.2	29.4	44.2



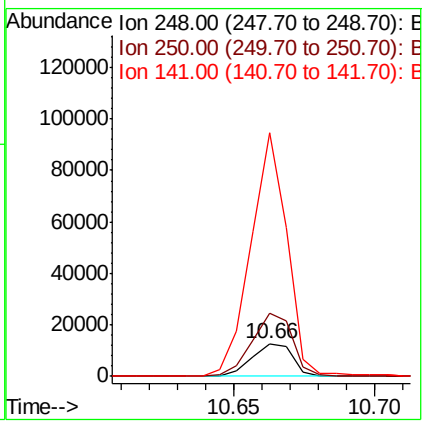


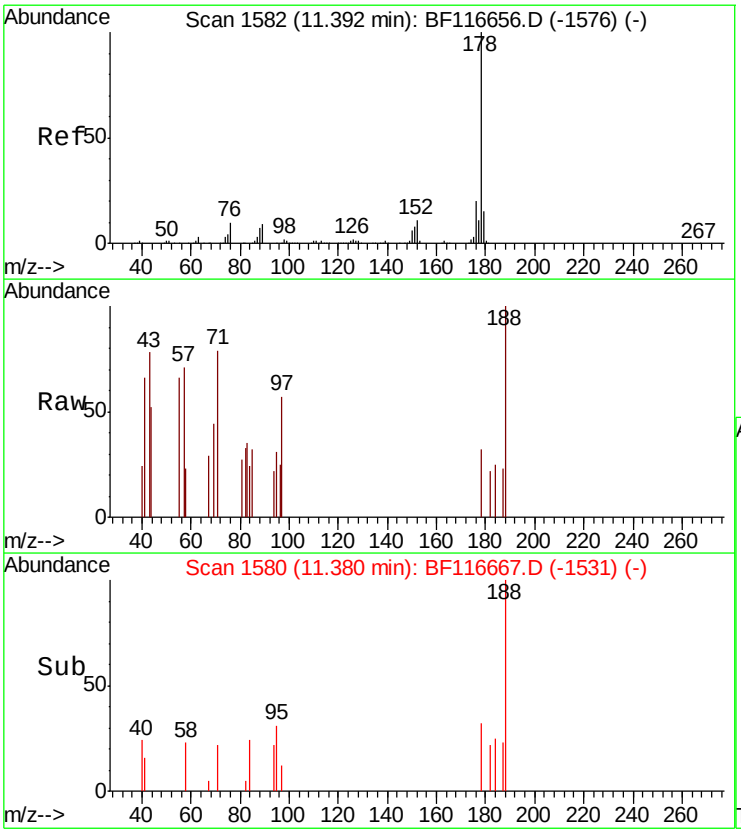
#67
4-Bromophenyl-phenylether
Concen: 3.309 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12669

Ion	Ratio	Lower	Upper
248	100		
250	191.7	77.8	116.8#
141	742.4	75.9	113.9#

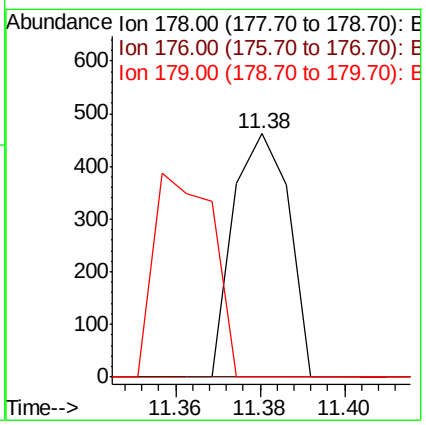


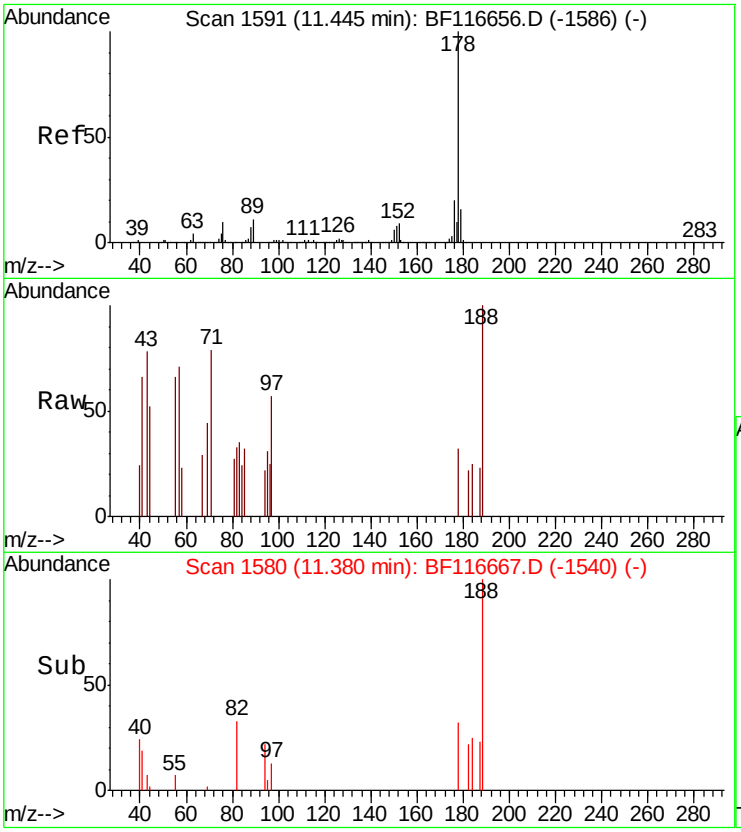


#71
Phenanthrene
Concen: 0.020 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:178 Resp: 421

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	12.2	18.2#



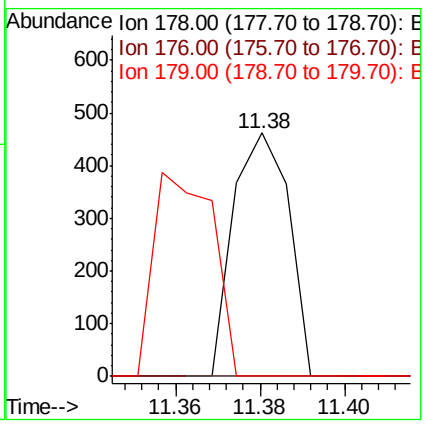


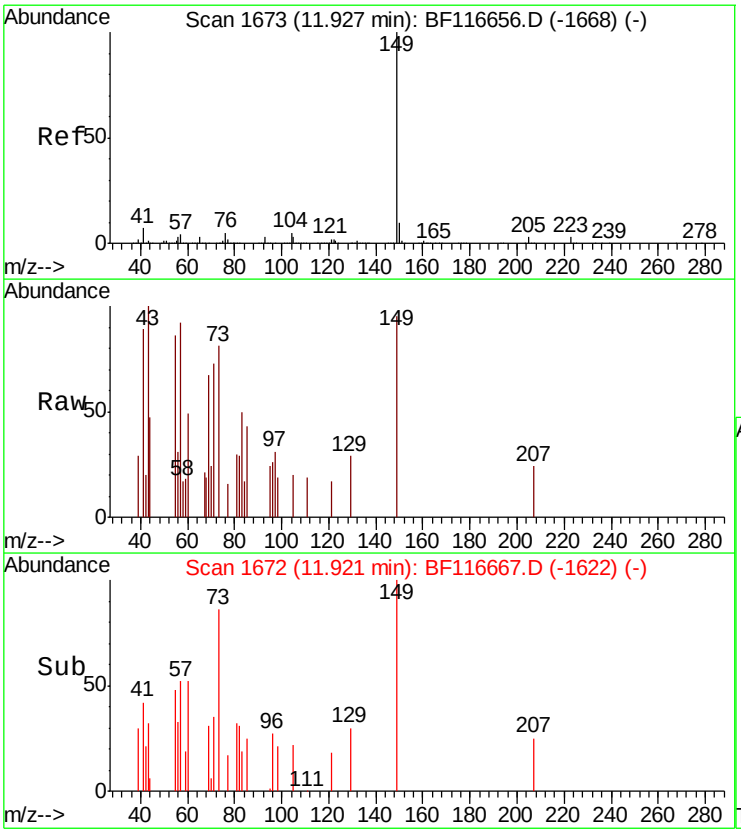
#72
Anthracene
Concen: 0.020 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.06 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 421

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	12.5	18.7#

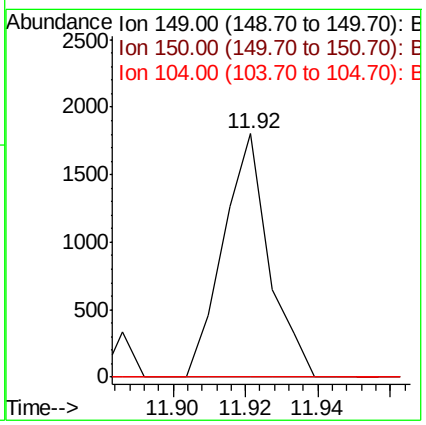


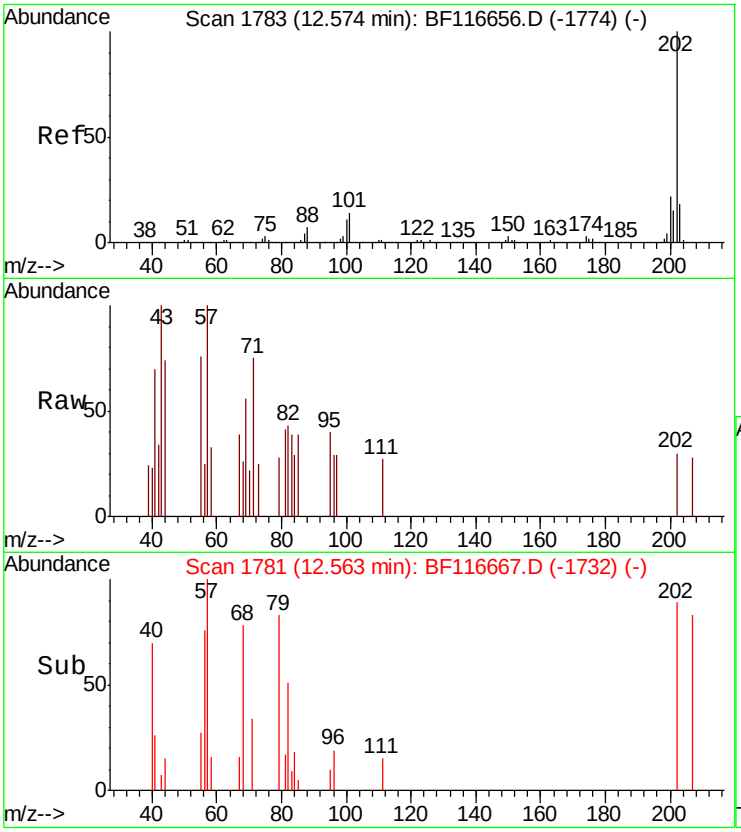


#74
Di-n-butylphthalate
Concen: 0.062 ng
RT: 11.92 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:149 Resp: 1588

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	4.2	6.2#



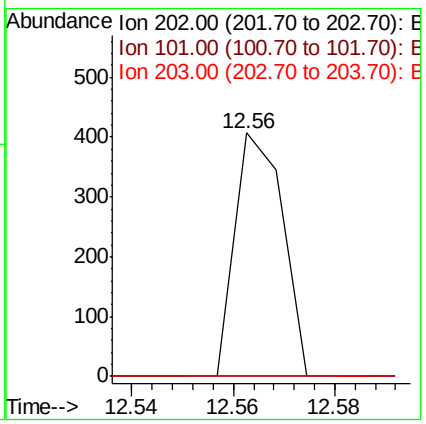


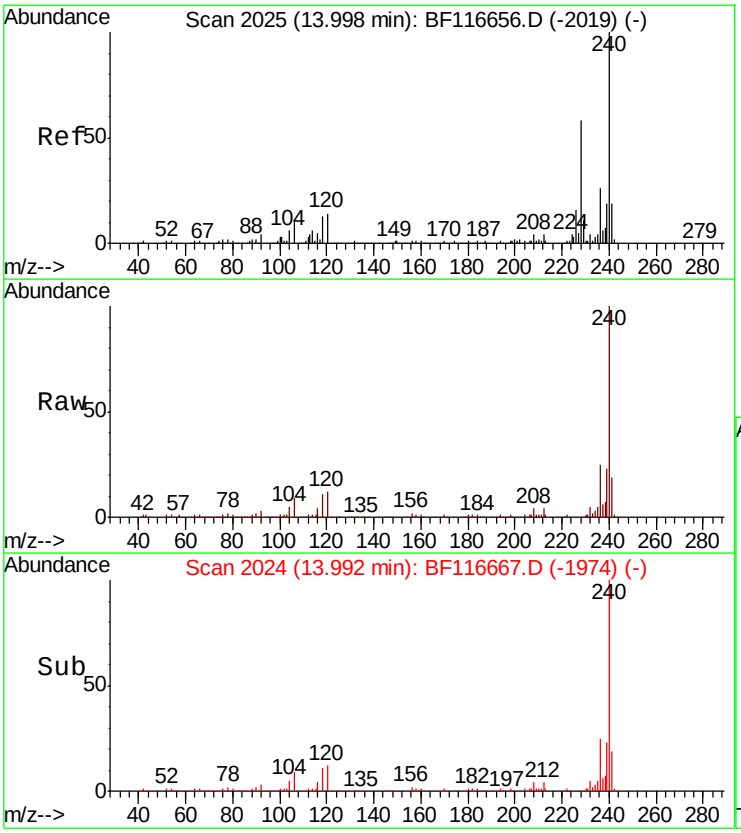
#75
Fluoranthene
Concen: 0.013 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 266

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.3
203	0.0	0.0	37.6

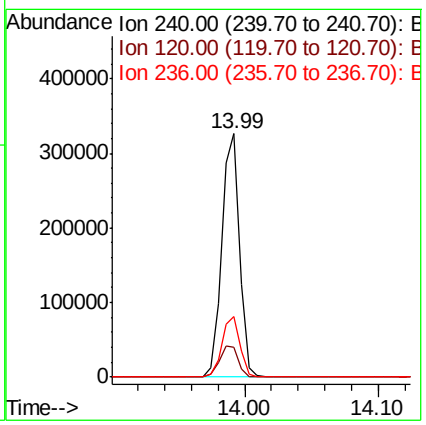


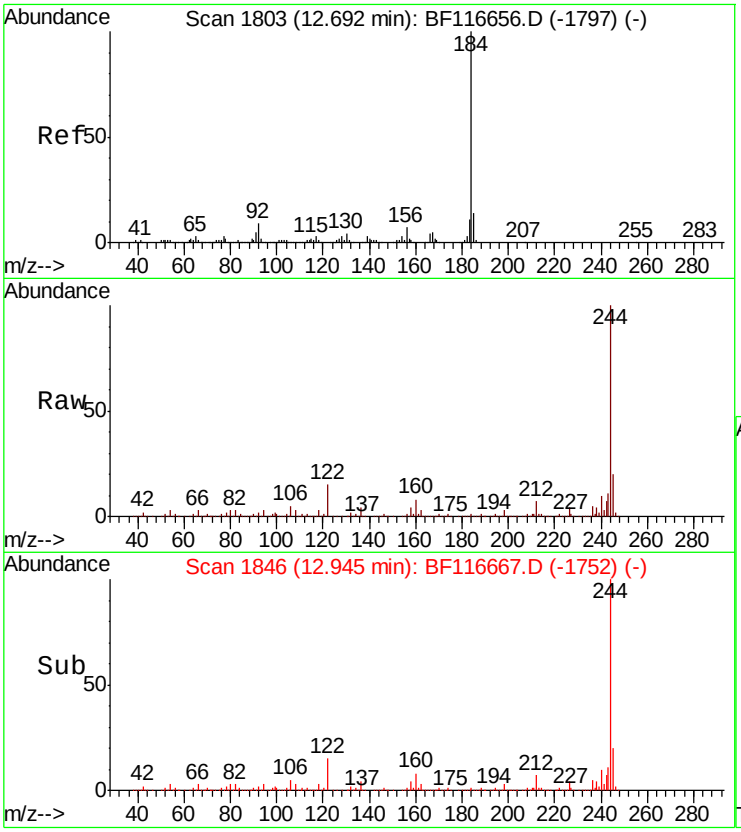


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:240 Resp: 305977

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.1	13.7
236	25.1	21.1	31.7



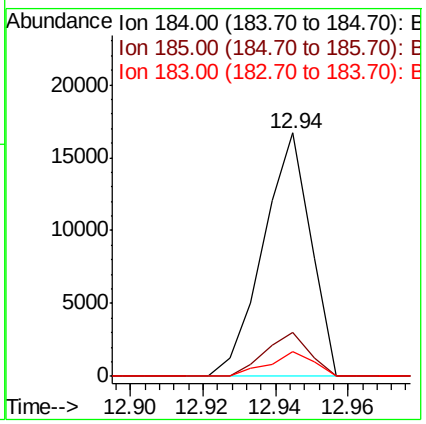


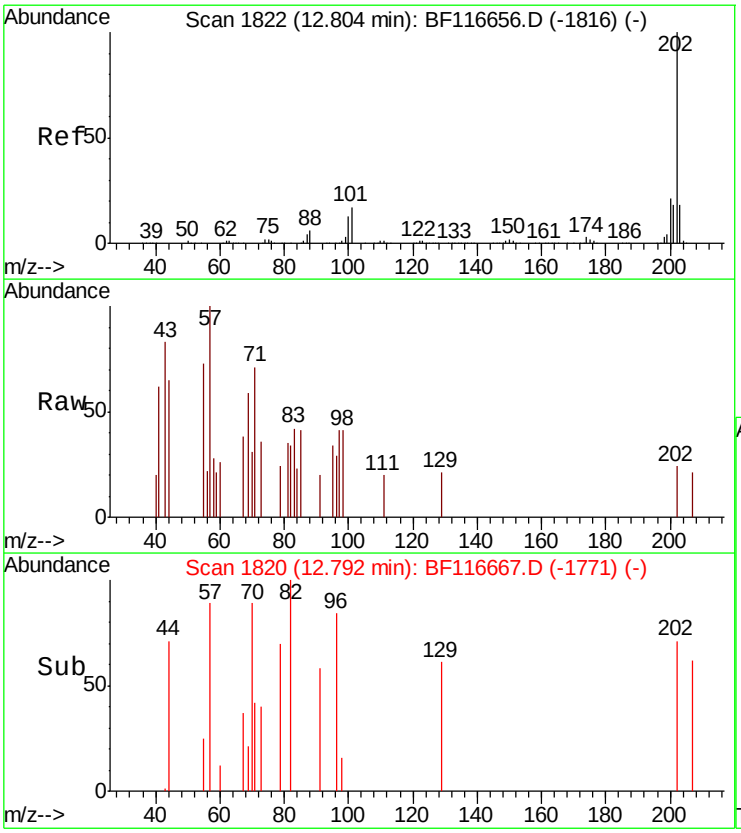
#77
Benzidine
Concen: 1.270 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.25 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 15239

Ion	Ratio	Lower	Upper
184	100		
185	17.9	11.3	16.9#
183	10.1	9.2	13.8

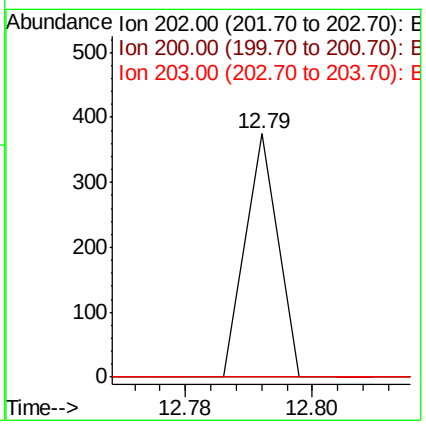


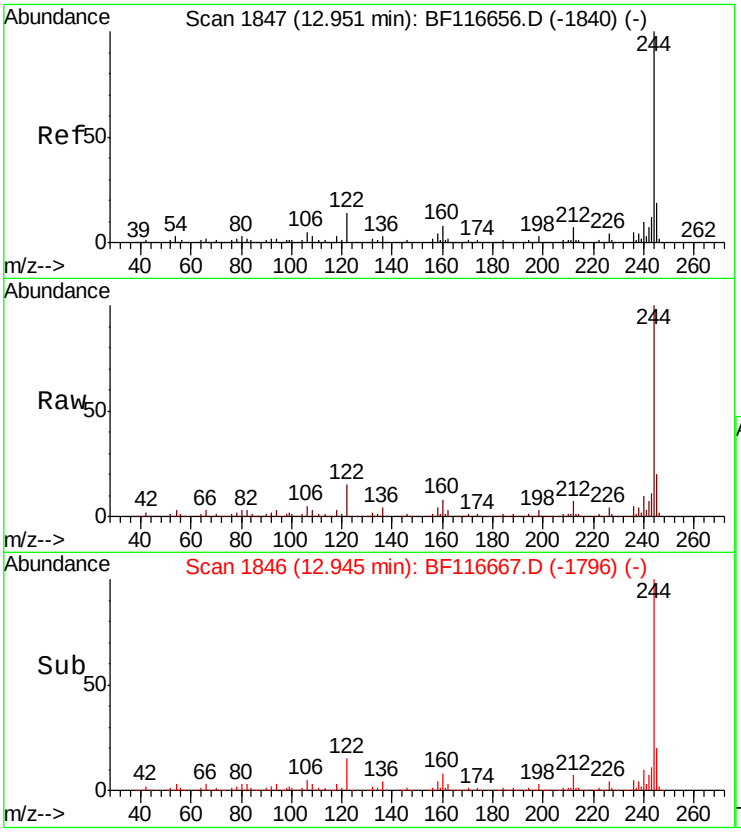


#78
Pyrene
Concen: 0.005 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:202 Resp: 132

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.5	24.7#
203	0.0	13.7	20.5#



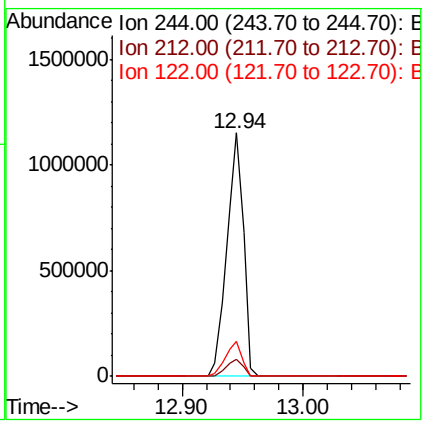


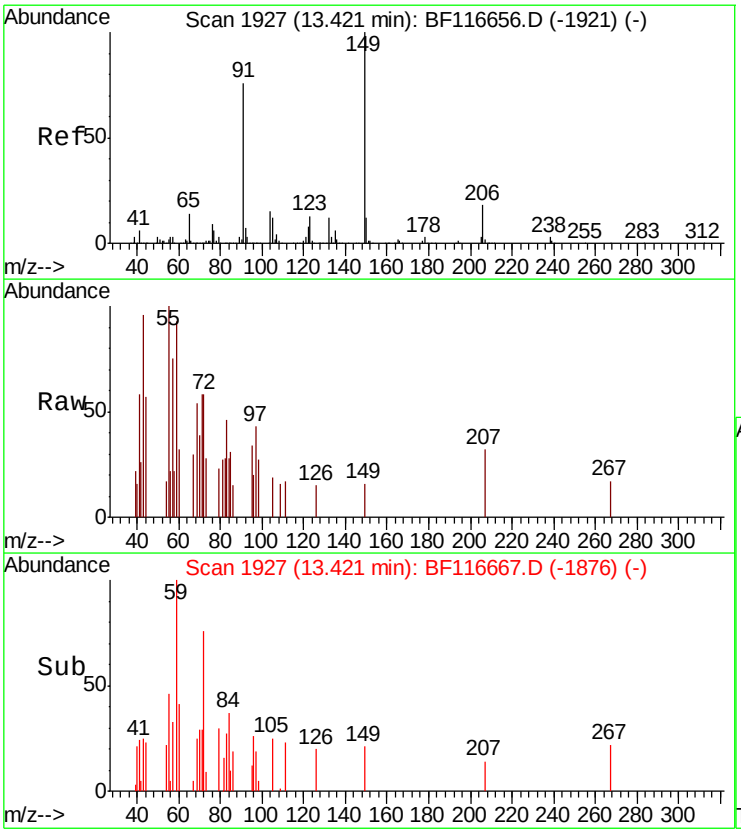
#79
Terphenyl-d14
Concen: 66.164 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1094334

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	14.5	10.2	15.4

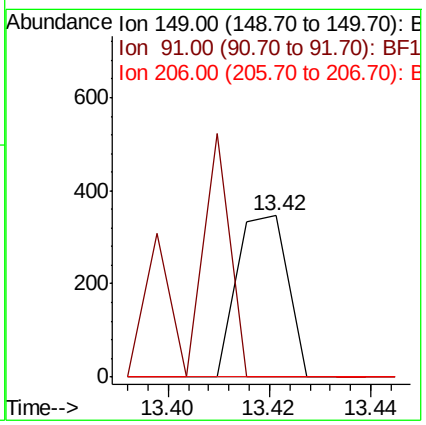


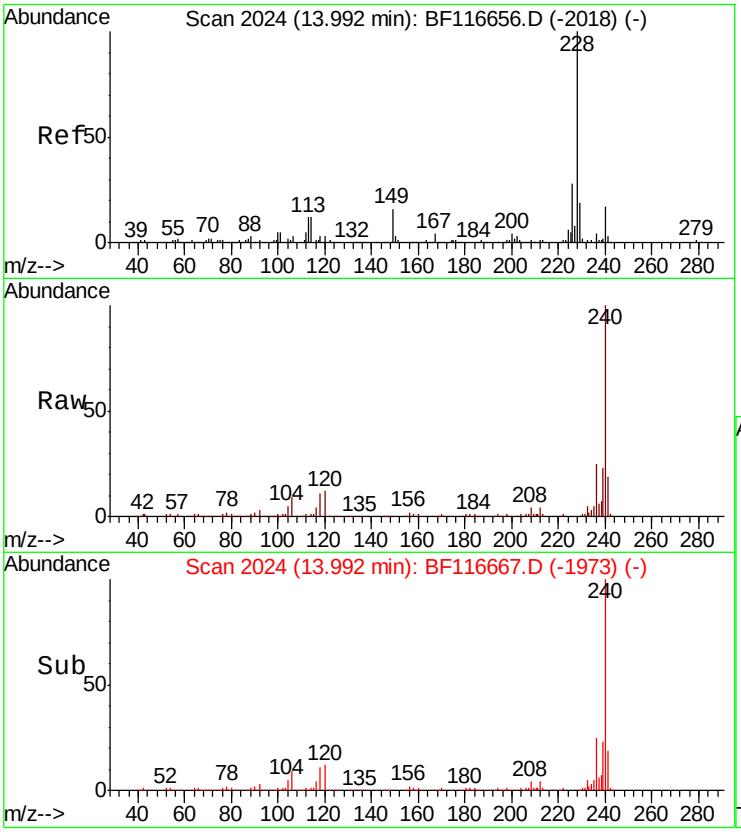


#80
Butylbenzylphthalate
Concen: 0.018 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:149 Resp: 240

Ion	Ratio	Lower	Upper
149	100		
91	0.0	61.0	91.4#
206	0.0	14.8	22.2#



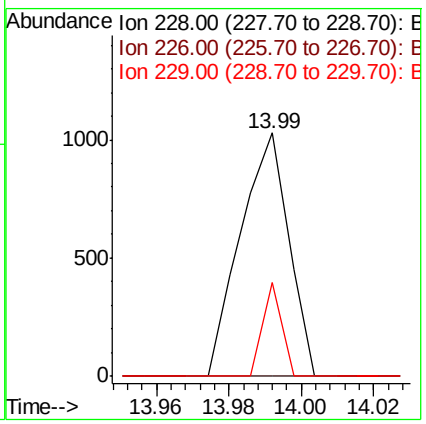


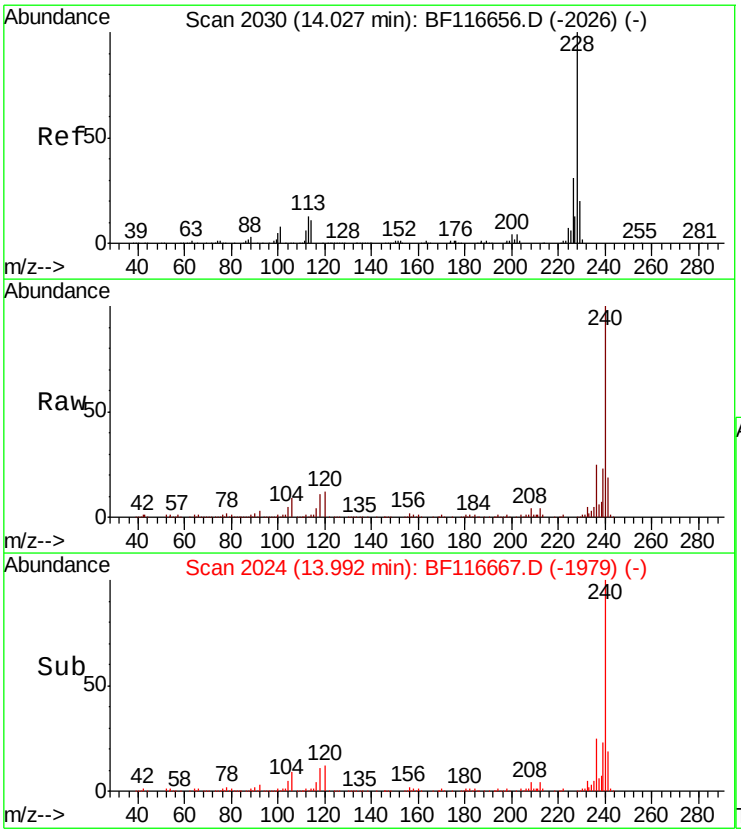
#81
Benzo(a)anthracene
Concen: 0.049 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 946

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.0	33.0#
229	38.5	16.4	24.6#

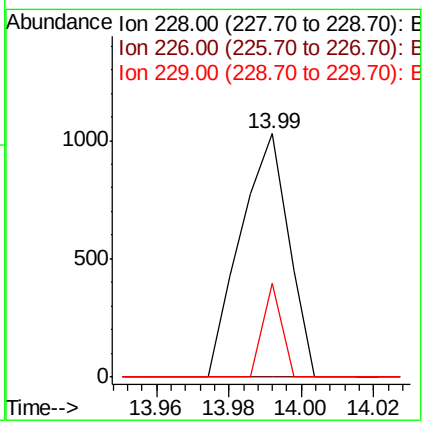


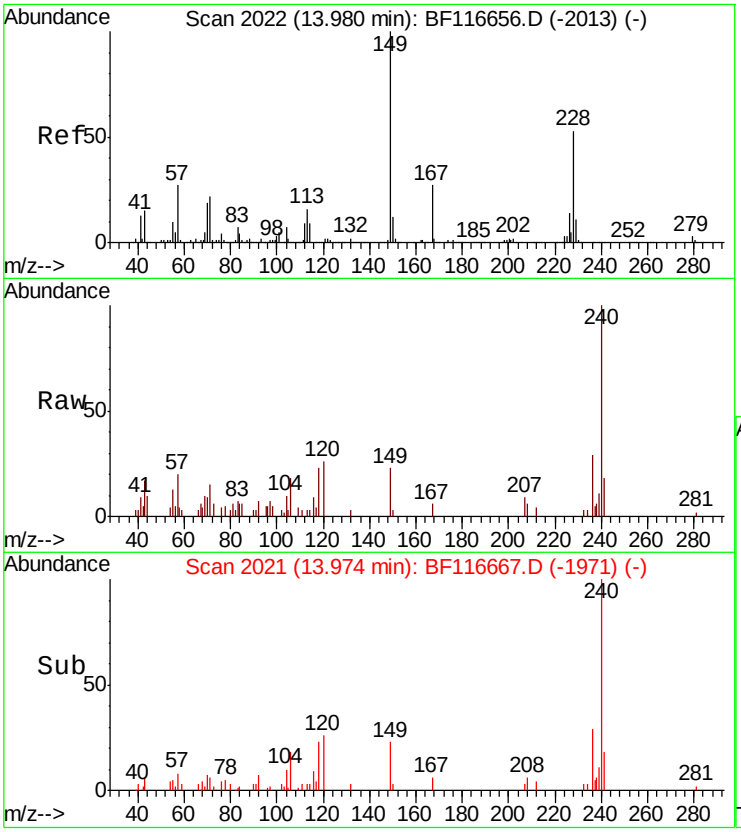


#83
Chrysene
Concen: 0.047 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:228 Resp: 946

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.0	36.0#
229	38.5	15.4	23.0#



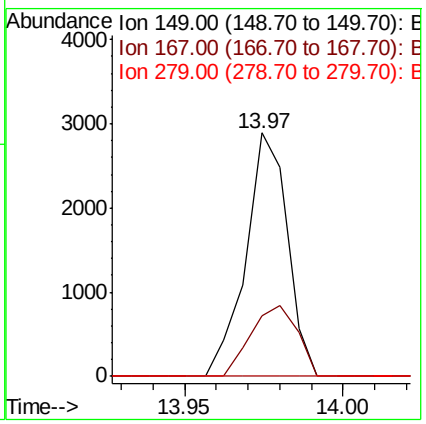


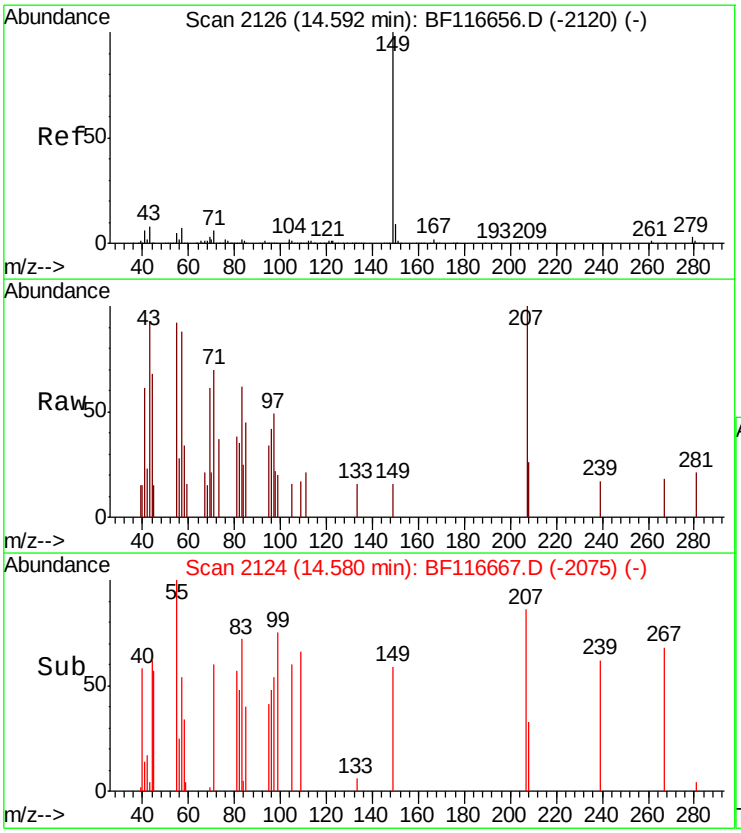
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.161 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2633

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.0	31.4
279	0.0	2.8	4.2#

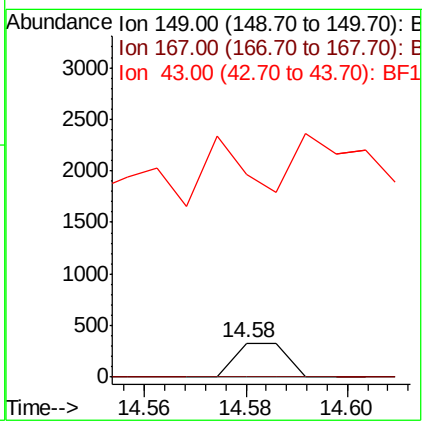


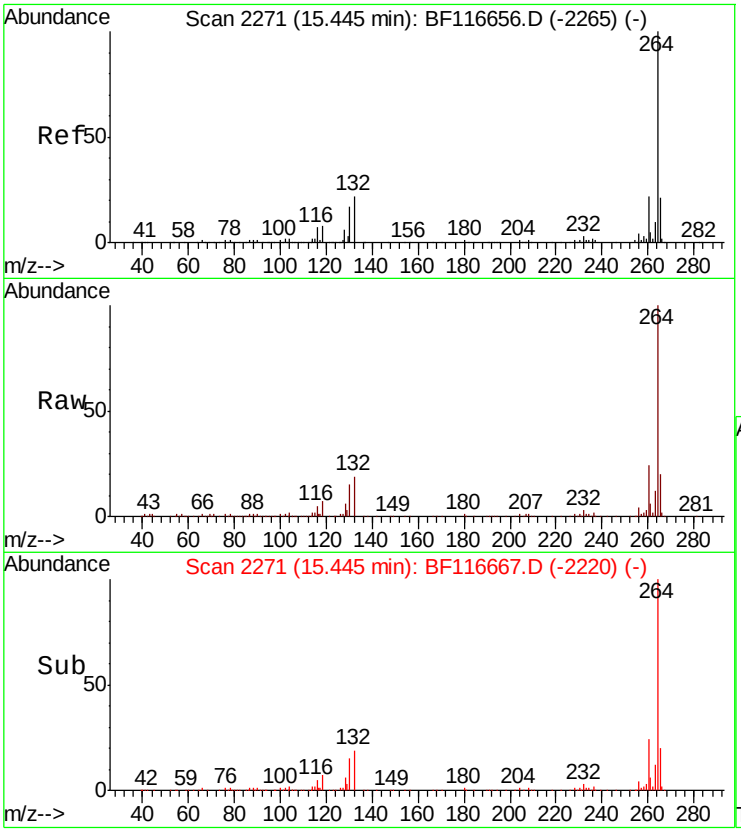


#85
Di-n-octyl phthalate
Concen: 0.009 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:149 Resp: 231

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	252.4	7.8	11.8#



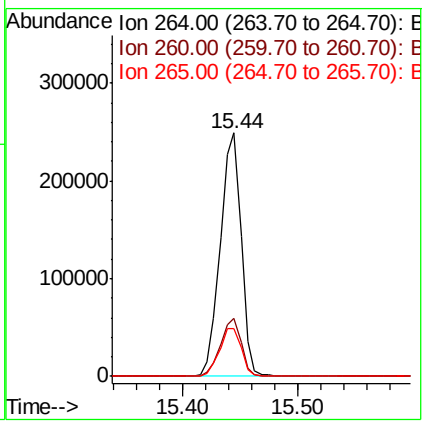


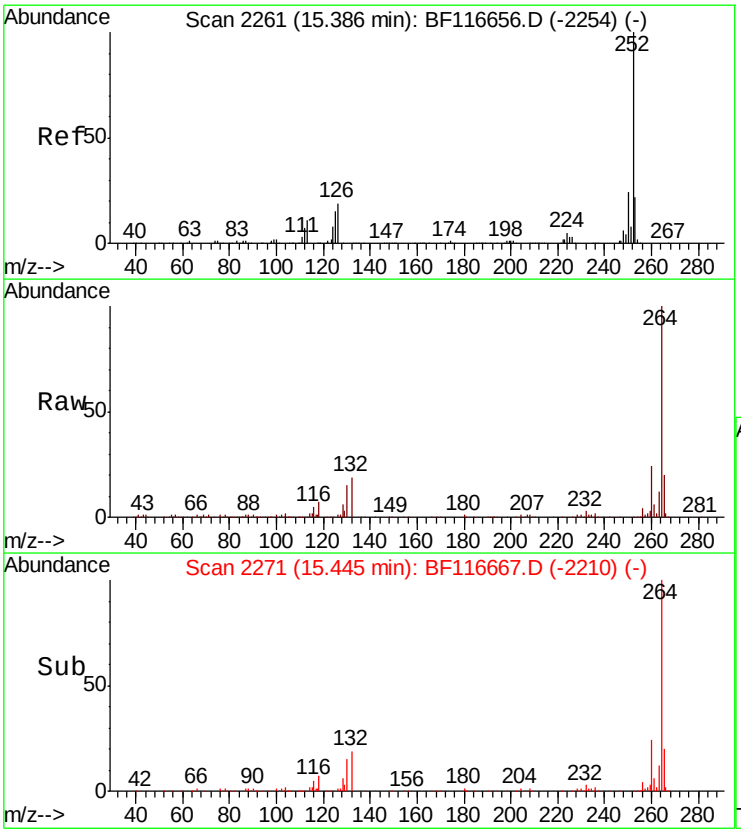
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 312888

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	19.7	16.5	24.7





#90
Benzo(a)pyrene
Concen: 0.046 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.06 min
Lab File: BF116667.D
Acq: 30 Aug 2019 23:15

Tgt Ion:252 Resp: 755

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	9.8	14.8#