Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116619.D
Acq On : 28 Aug 2019 17:15
Operator : HP/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 29 01:03:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng		-6.87
21) Naphthalene-d8	8.15	136	560	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	379	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	961	20.00	ng		0.00
76) Chrysene-d12	14.00	240	844	20.00	ng		0.00
87) Perylene-d12	15.46	264	663	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	282	0.00	ng		-0.01
7) Phenol-d6	6.47	99	698	0.00	ng		-0.02
23) Nitrobenzene-d5	7.41	82	1615	165.02	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	263	72.92	ng		-0.01
45) 2-Fluorobiphenyl	9.22	172	4237	186.05	ng		0.00
79) Terphenyl-d14	12.95	244	6467	124.62	ng		-0.01
Target Compounds							Qvalue
22) Acetophenone	7.26	105	478	36.343	ng	#	55
24) Nitrobenzene	7.43	77	444	44.740	ng	#	37
25) Isophorone	7.67	82	989	55.511	ng	#	65
27) 2,4-Dimethylphenol	7.79	122	107	14.327	ng	#	66
28) bis(2-Chloroethoxy)methane	7.89	93	362	31.281	ng	#	68
30) 1,2,4-Trichlorobenzene	8.09	180	289	32.230	ng	#	76
31) Naphthalene	8.16	128	1974	73.588	ng	#	68
32) Benzoic acid	7.79	122	107	16.765	ng	#	1
33) 4-Chloroaniline	8.21	127	523	44.236	ng	#	48
34) Hexachlorobutadiene	8.29	225	268	53.645	ng	#	19
36) 4-Chloro-3-methylphenol	8.68	107	118	15.008	ng	#	19
37) 2-Methylnaphthalene	8.86	142	1000	59.692	ng		94
38) 1-Methylnaphthalene	8.95	142	1205	73.652	ng	#	91
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	331	31.832	ng	#	66
43) 2,4,6-Trichlorophenol	9.13	196	134	18.349	ng	#	76
44) 2,4,5-Trichlorophenol	9.13	196	134	18.244	ng	#	65
46) 1,1'-Biphenyl	9.32	154	1461	50.782	ng		91
47) 2-Chloronaphthalene	9.34	162	979	43.651	ng		97
49) Acenaphthylene	9.75	152	1626	49.359	ng	#	81
50) Dimethylphthalate	9.60	163	1510	59.263	ng	#	77
52) Acenaphthene	9.92	154	1043	46.760	ng		86
55) Dibenzofuran	10.10	168	1528	50.871	ng	#	83
56) 4-Nitrophenol	10.10	139	451	88.430	ng	#	11
58) Fluorene	10.44	166	1255	55.054	ng	#	81
59) 2,3,4,6-Tetrachlorophenol	10.22	232	2731	451.709	ng	#	95
60) Diethylphthalate	10.30	149	1548	62.242	ng	#	58
61) 4-Chlorophenyl-phenylether	10.43	204	717	62.741	ng	#	67
62) 4-Nitroaniline	10.44	138	108	16.546	ng	#	21
63) Azobenzene	10.59	77	823	32.780	ng	#	51
66) n-Nitrosodiphenylamine	10.55	169	952	31.295	ng	#	89
67) 4-Bromophenyl-phenylether	10.92	248	352	34.532	ng		95
68) Hexachlorobenzene	10.99	284	365	32.162	ng	#	42
69) Atrazine	11.18	200	45139	5011.259	ng	#	35
70) Pentachlorophenol	11.18	266	245114	35151.983	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116619.D
Acq On : 28 Aug 2019 17:15
Operator : HP/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 29 01:03:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
71) Phenanthrene	11.40	178	2505	48.530 ng	#	94
72) Anthracene	11.45	178	2107	40.824 ng	#	91
73) Carbazole	11.60	167	2191	49.879 ng	#	95
74) Di-n-butylphthalate	11.94	149	3098	60.859 ng	#	94
75) Fluoranthene	12.58	202	2987	64.524 ng		98
77) Benzidine	12.71	184	1204772	39459.054 ng		99
78) Pyrene	12.81	202	3088	39.789 ng		97
80) Butylbenzylphthalate	13.43	149	991	32.957 ng	#	90
81) Benzo(a)anthracene	13.99	228	2128	37.818 ng		94
82) 3,3'-Dichlorobenzidine	13.95	252	1135	61.985 ng	#	71
83) Chrysene	14.03	228	2410	43.749 ng		95
84) Bis(2-ethylhexyl)phthalate	13.99	149	2665	75.577 ng	#	99
85) Di-n-octyl phthalate	14.60	149	2162	42.036 ng	#	78
86) Indeno(1,2,3-cd)pyrene	16.90	276	1787	38.827 ng	#	56
88) Benzo(b)fluoranthene	15.04	252	1875	46.052 ng	#	60
89) Benzo(k)fluoranthene	15.06	252	1633	42.195 ng	#	77
90) Benzo(a)pyrene	15.40	252	1413	38.885 ng	#	68
91) Dibenzo(a,h)anthracene	16.92	278	1287	37.958 ng	#	55
92) Benzo(g,h,i)perylene	17.33	276	1454	41.241 ng	#	52

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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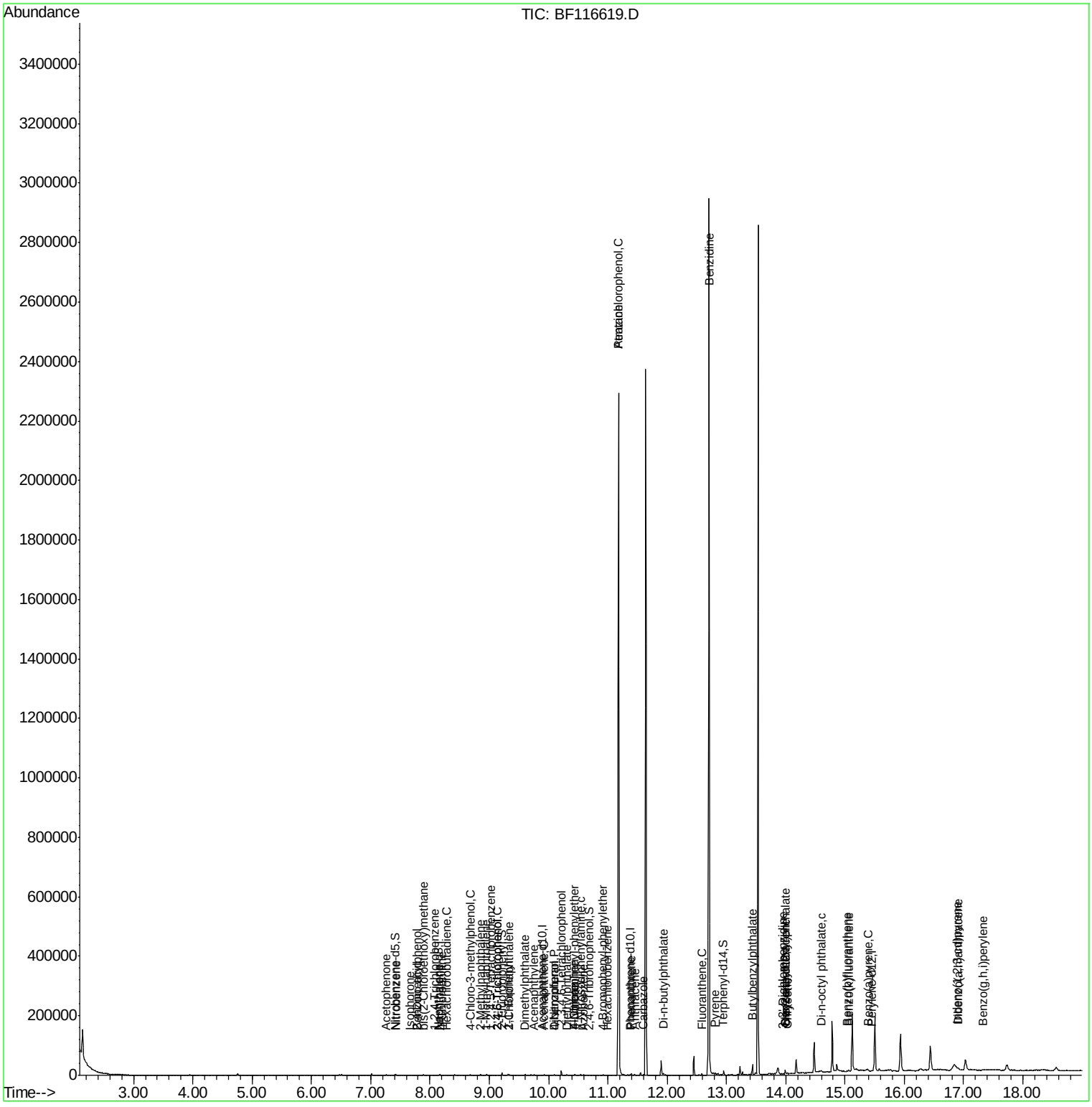
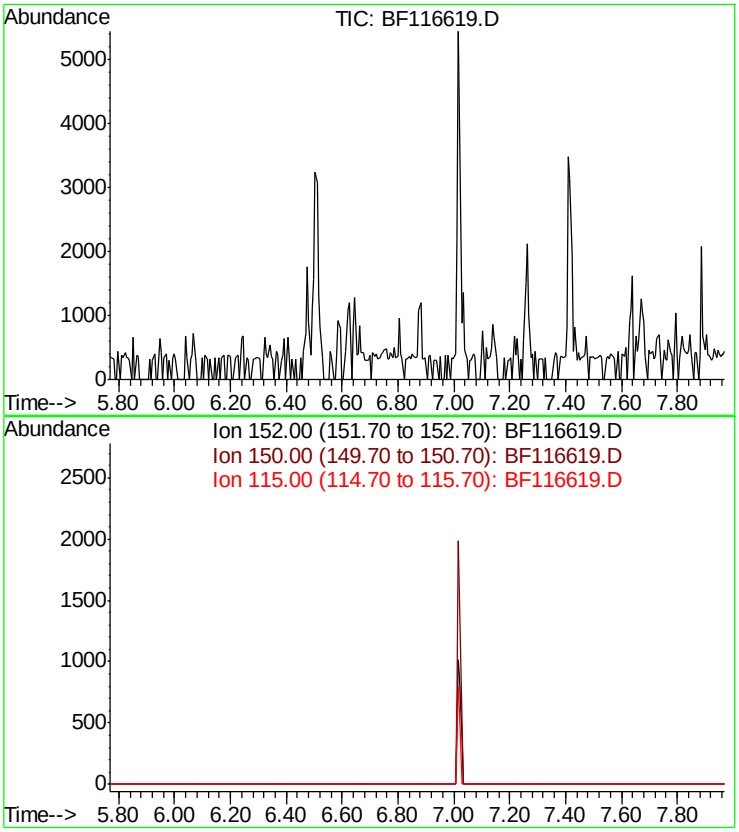
Acq On : 28 Aug 2019 17:15
Operator : HP/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 29 01:03:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration





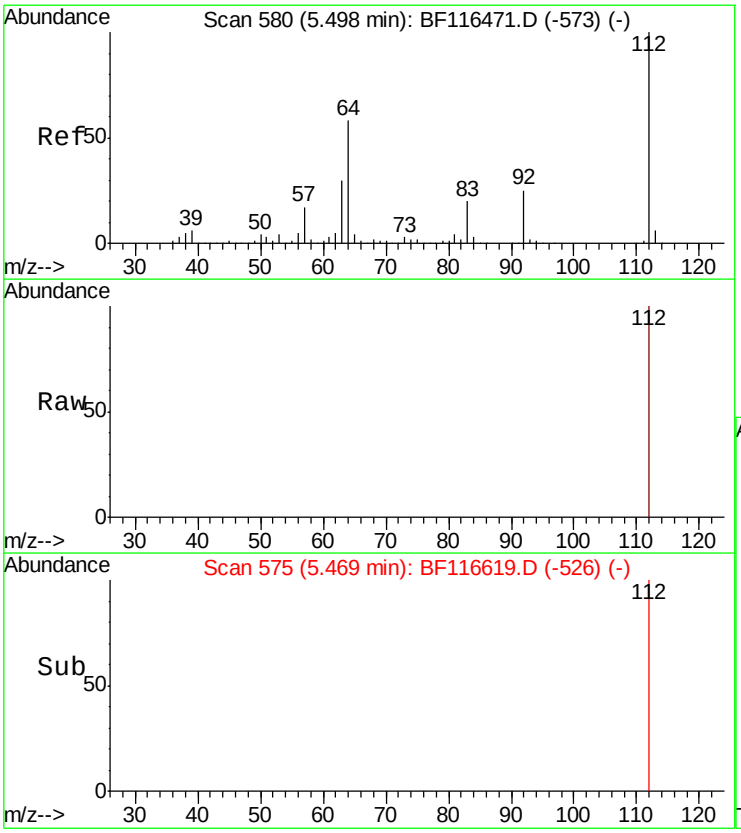
#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 6.87 min

Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.3
115	60.2

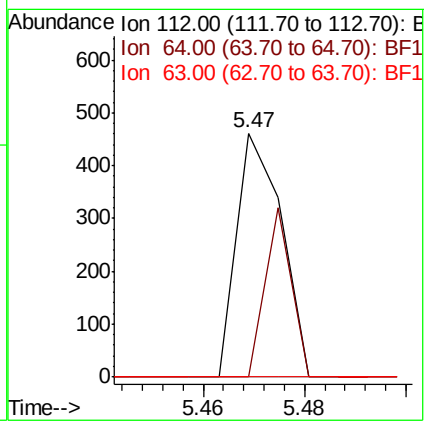
Instrument :
BNA_F
ClientSampleId :

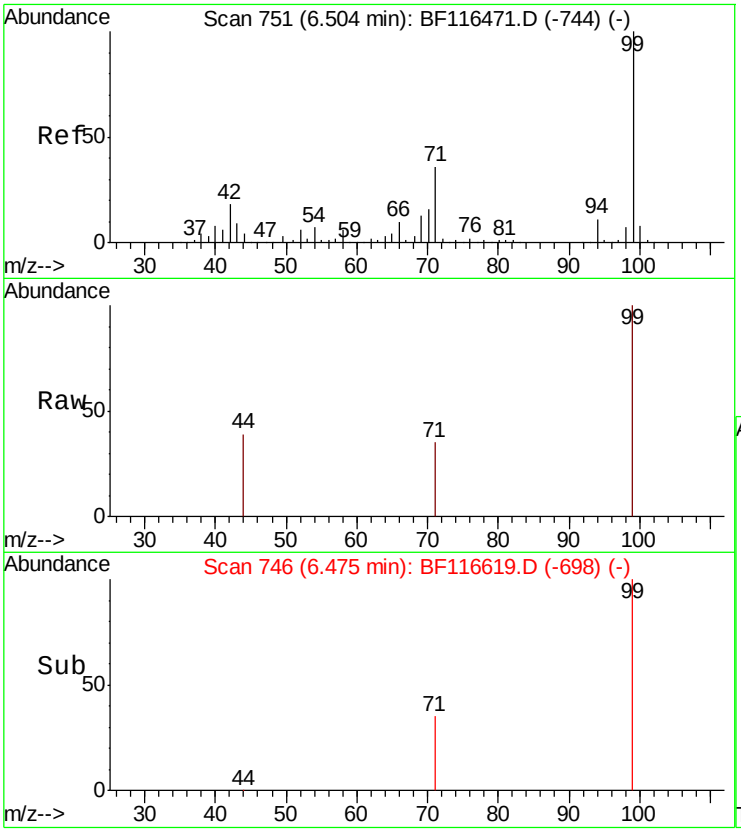


#5
2-Fluorophenol
Concen: 0.000 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:112 Resp: 282

Ion	Ratio	Lower	Upper
112	100		
64	0.0	48.0	72.0#
63	0.0	24.6	36.8#



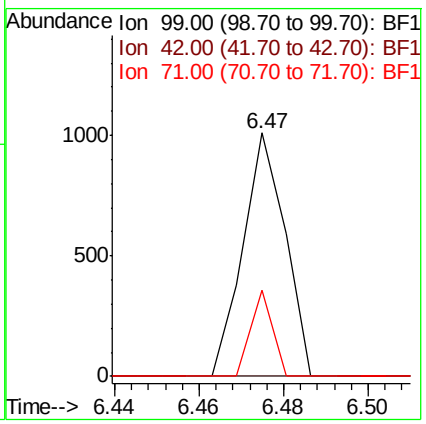


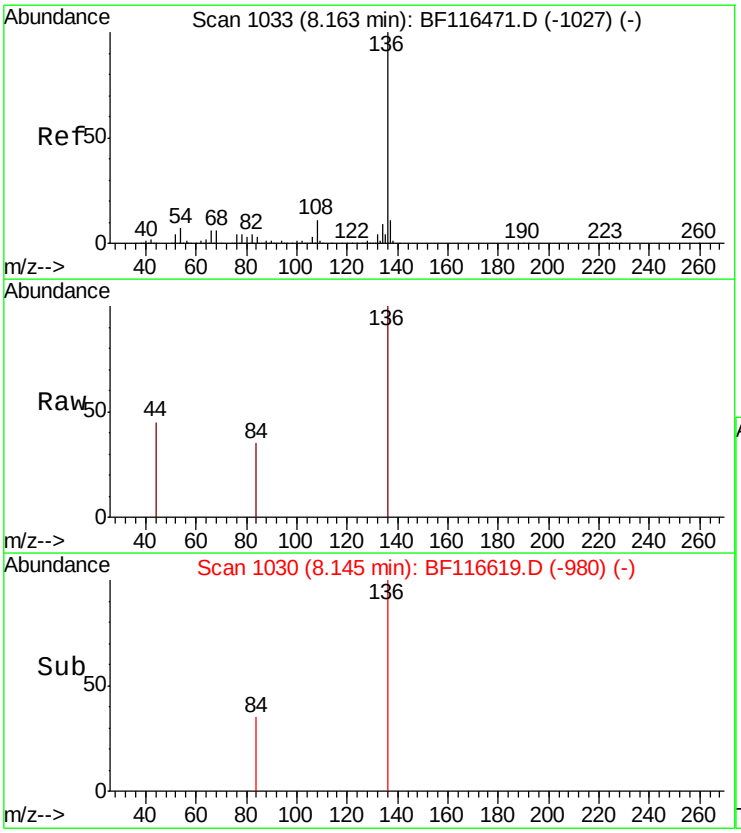
#7
Phenol-d6
Concen: 0.000 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 698

Ion	Ratio	Lower	Upper
99	100		
42	0.0	13.2	19.8#
71	35.3	27.4	41.2

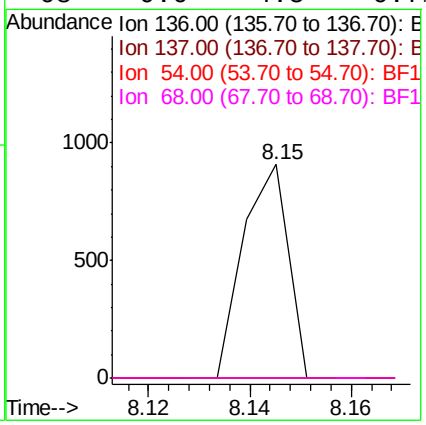


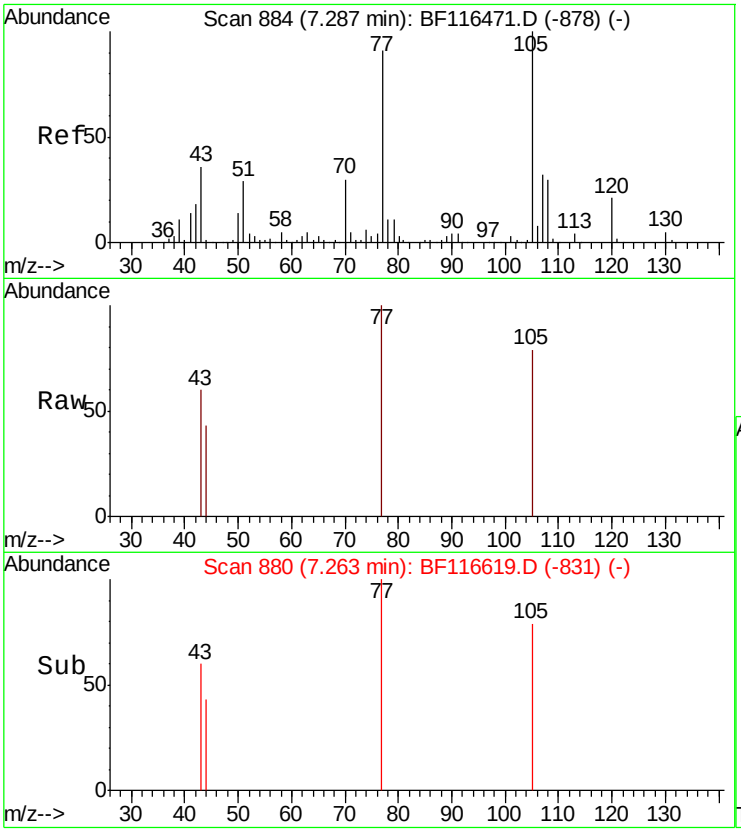


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:136 Resp: 560

Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.7	13.1#
54	0.0	5.0	7.4#
68	0.0	4.5	6.7#



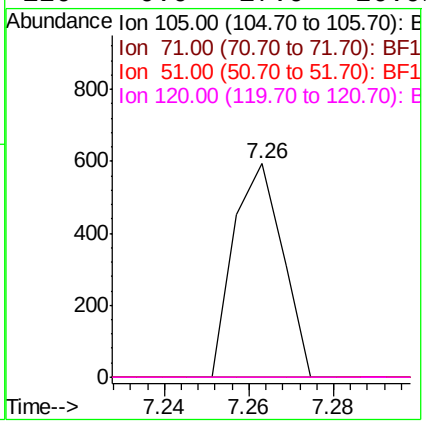


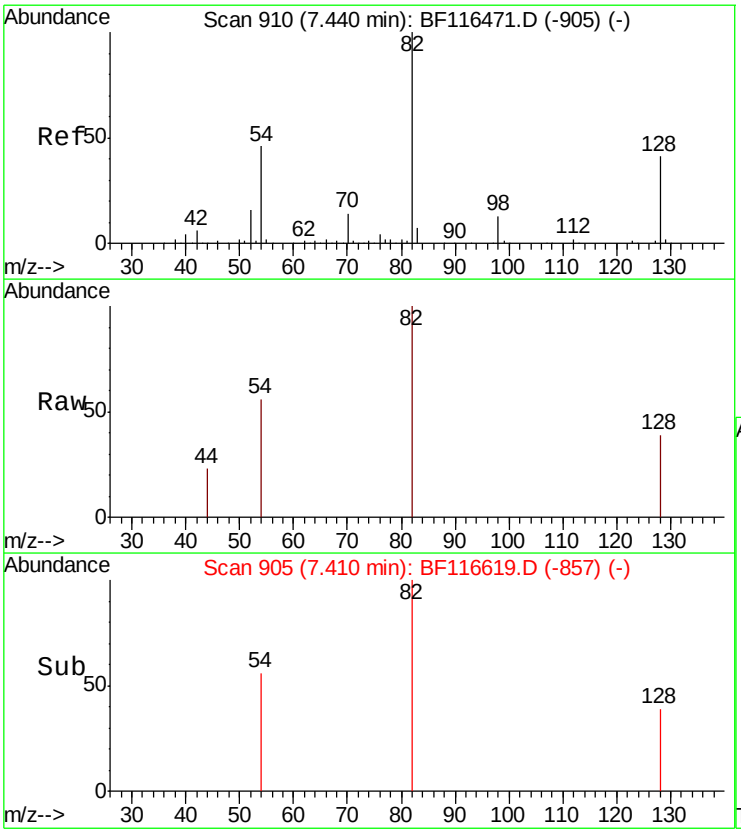
#22
Acetophenone
Concen: 36.343 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 478

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.0	7.6#
51	0.0	20.7	31.1#
120	0.0	17.9	26.9#

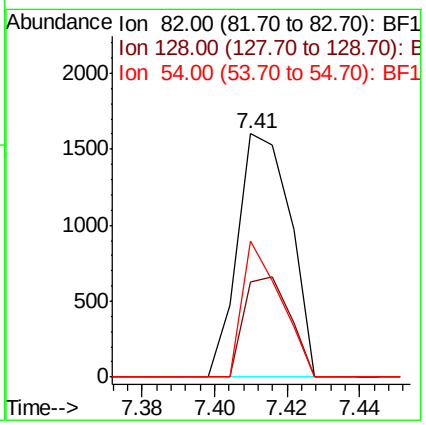


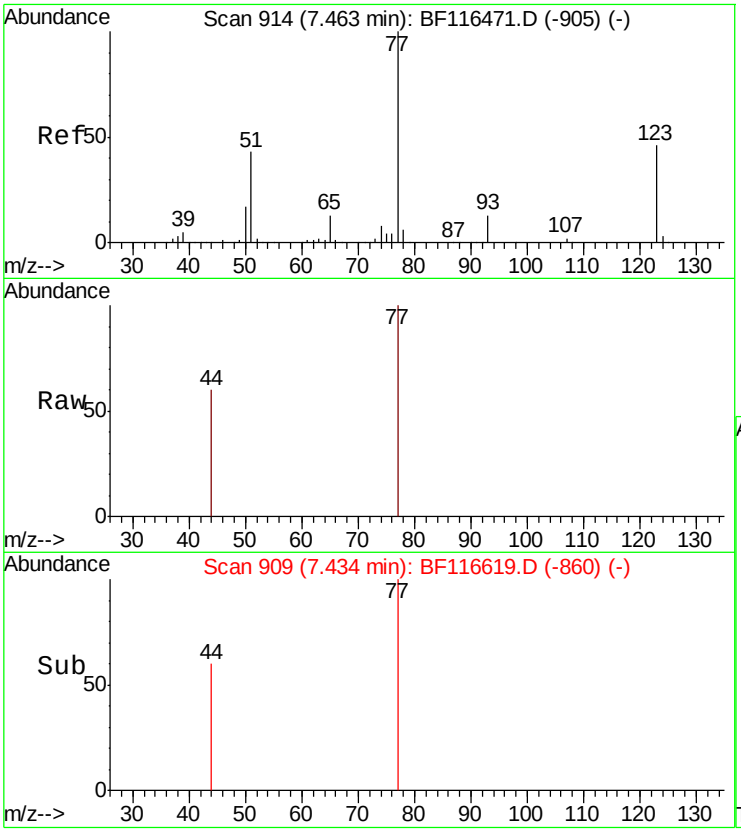


#23
Nitrobenzene-d5
Concen: 165.018 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion: 82 Resp: 1615

Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.0	52.6
54	55.7	34.4	51.6#



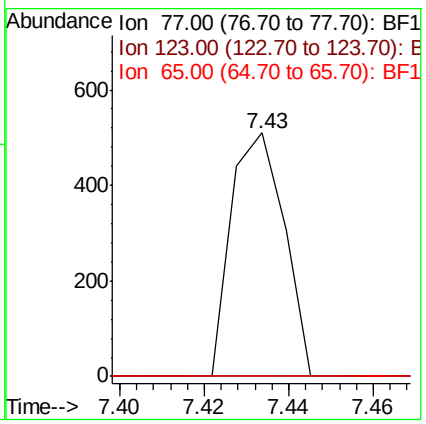


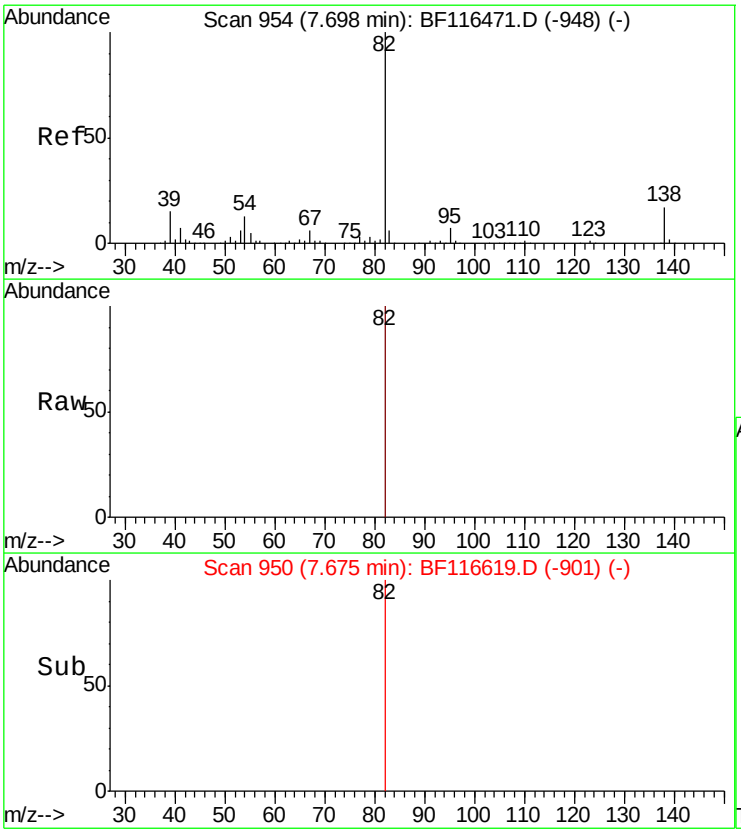
#24
Nitrobenzene
Concen: 44.740 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 444

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.2	57.4#
65	0.0	11.0	16.6#

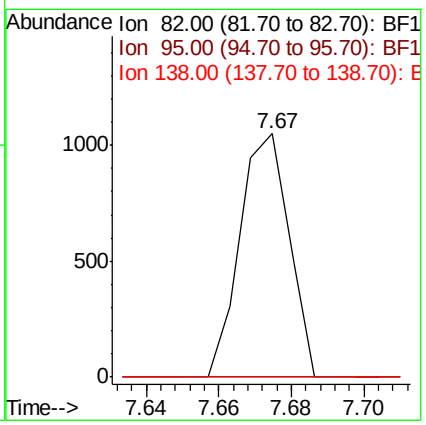


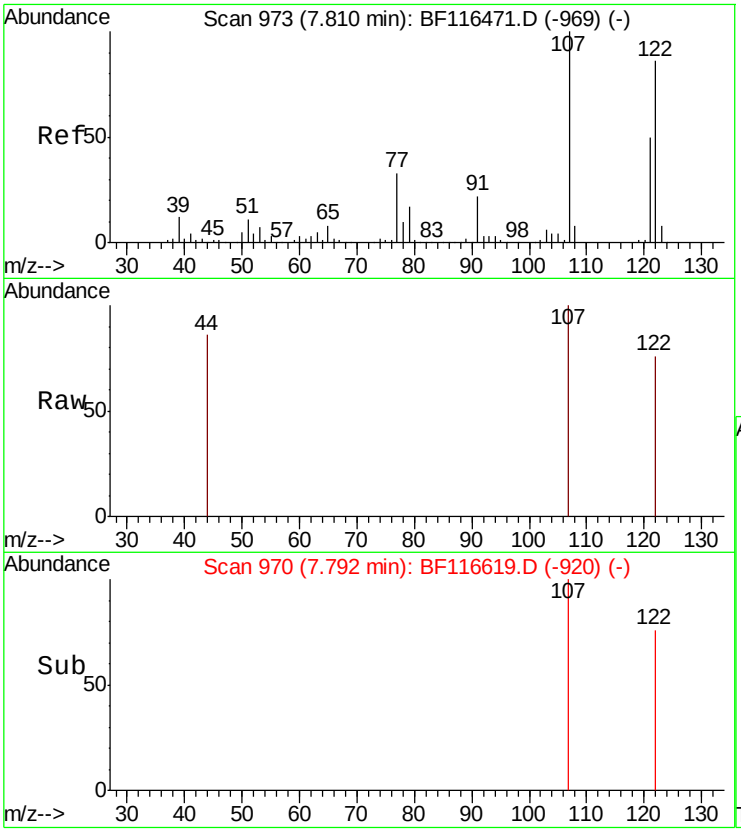


#25
Isophorone
Concen: 55.511 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion: 82 Resp: 989

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.4	21.6#



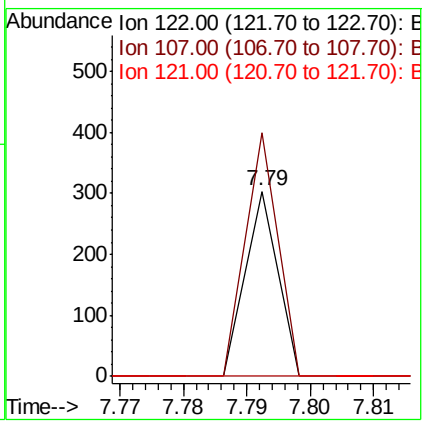


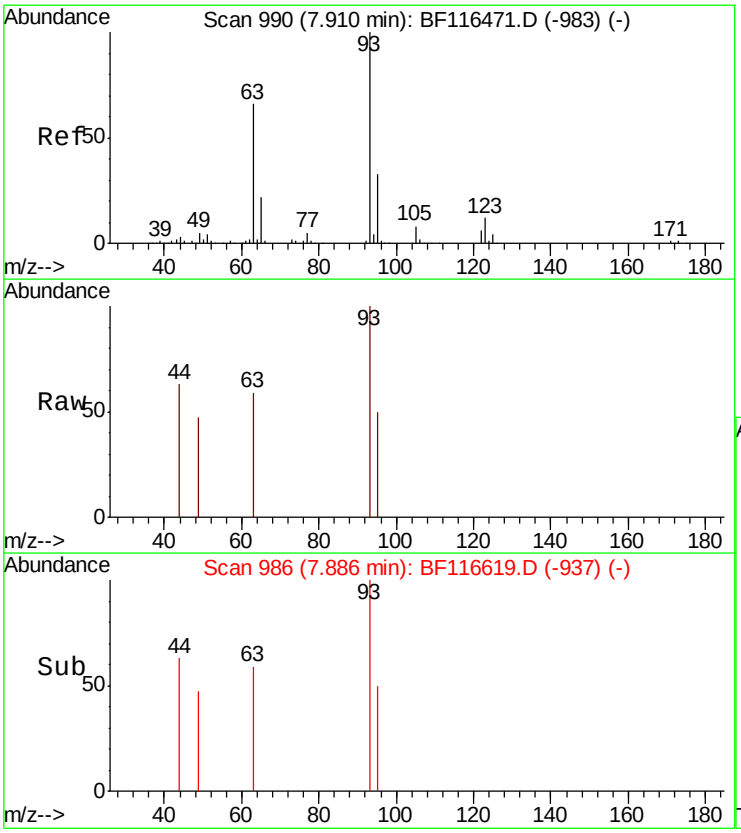
#27
2,4-Dimethylphenol
Concen: 14.327 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 107

Ion	Ratio	Lower	Upper
122	100		
107	131.3	95.4	143.0
121	0.0	47.8	71.8#

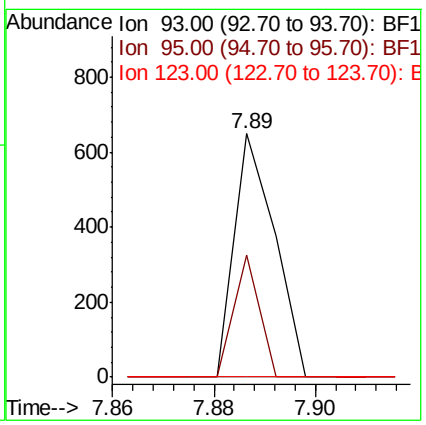


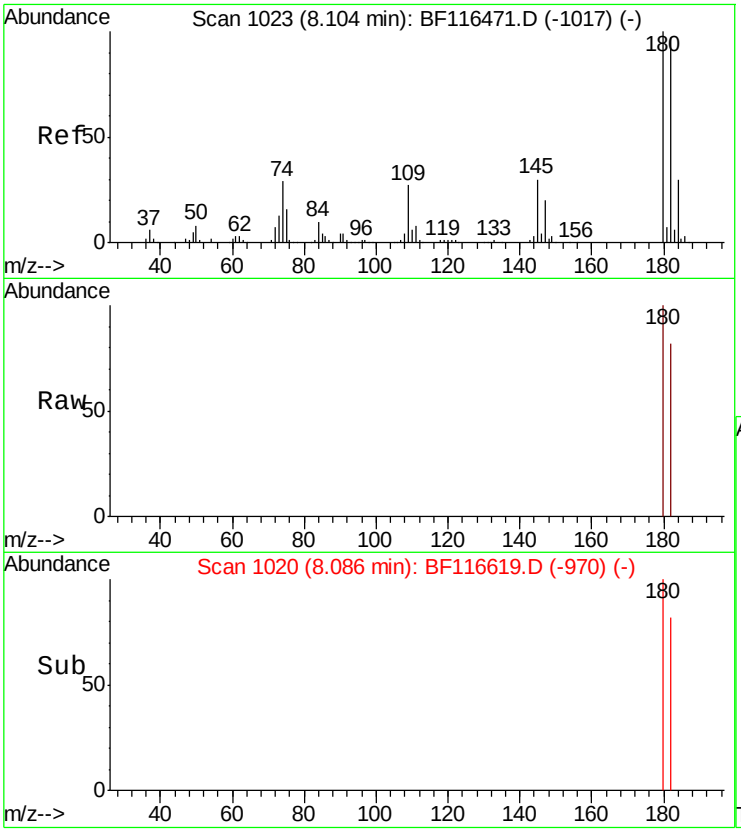


#28
bis(2-Chloroethoxy)methane
Concen: 31.281 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion: 93 Resp: 362

Ion	Ratio	Lower	Upper
93	100		
95	50.1	26.1	39.1#
123	0.0	10.4	15.6#



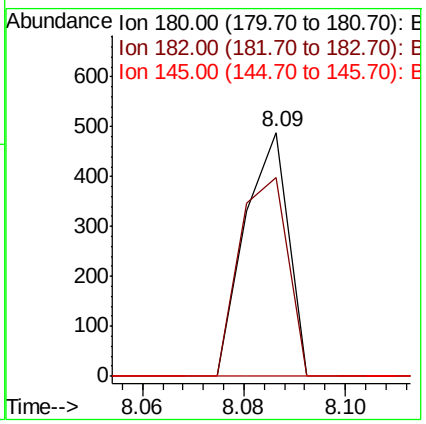


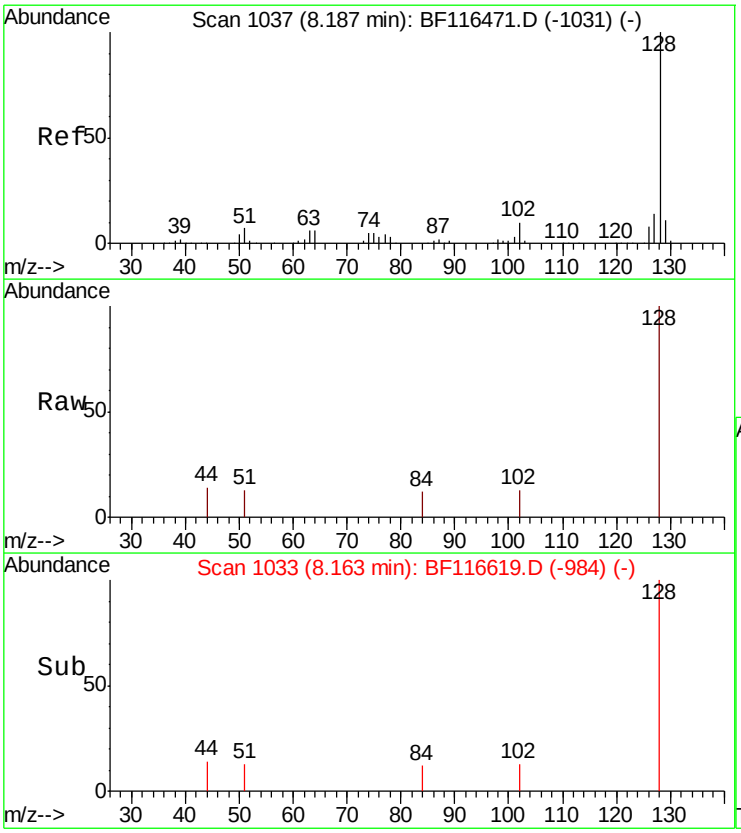
#30
1,2,4-Trichlorobenzene
Concen: 32.230 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:180 Resp: 289

Ion	Ratio	Lower	Upper
180	100		
182	81.8	76.7	115.1
145	0.0	24.1	36.1#

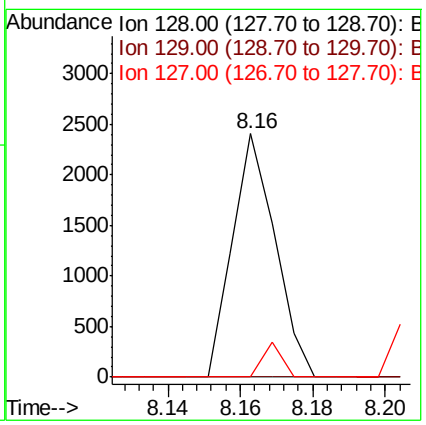


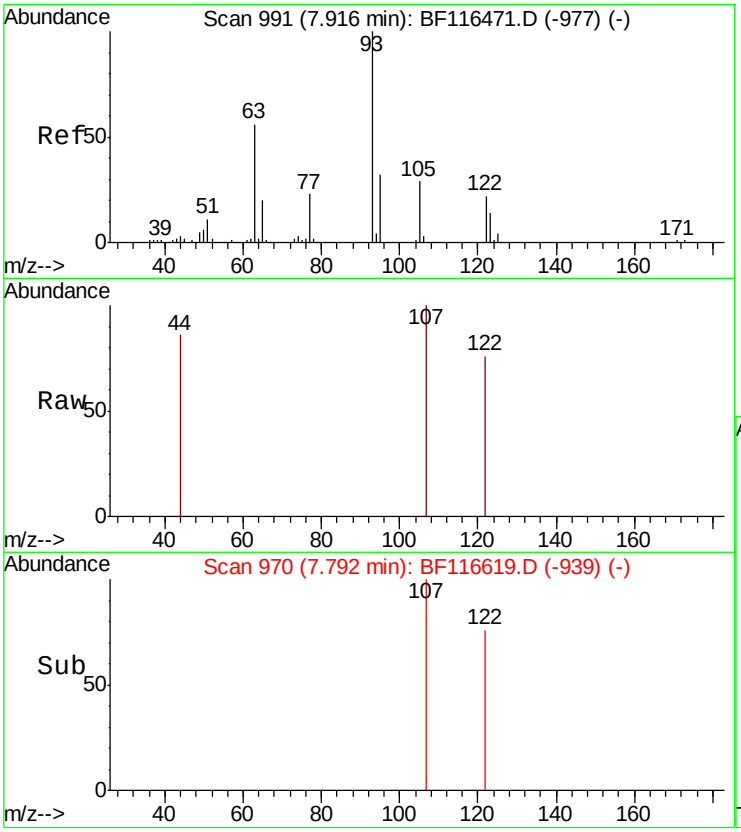


#31
Naphthalene
Concen: 73.588 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:128 Resp: 1974

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	0.0	10.9	16.3#



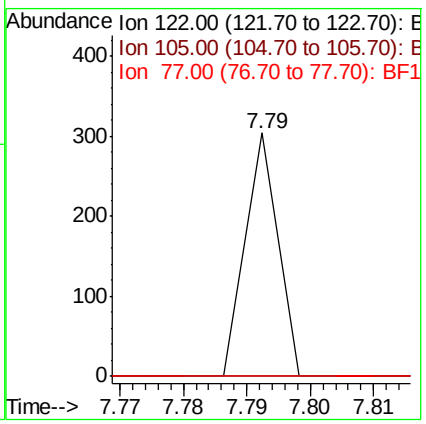


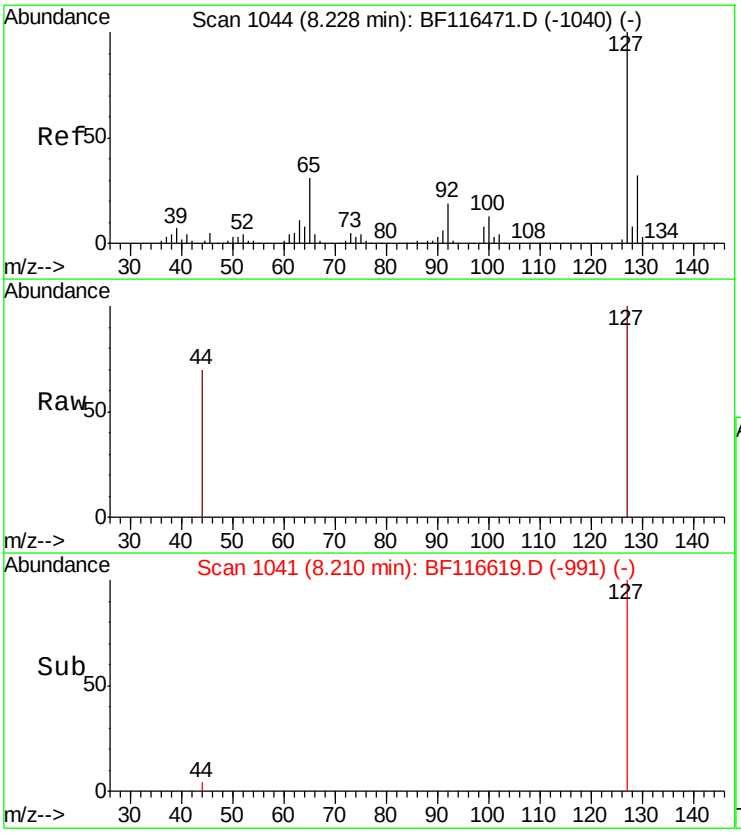
#32
Benzoic acid
Concen: 16.765 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.12 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 107

Ion	Ratio	Lower	Upper
122	100		
105	0.0	105.8	145.8#
77	0.0	74.1	114.1#

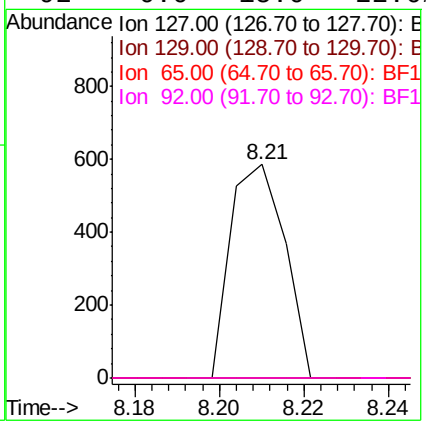


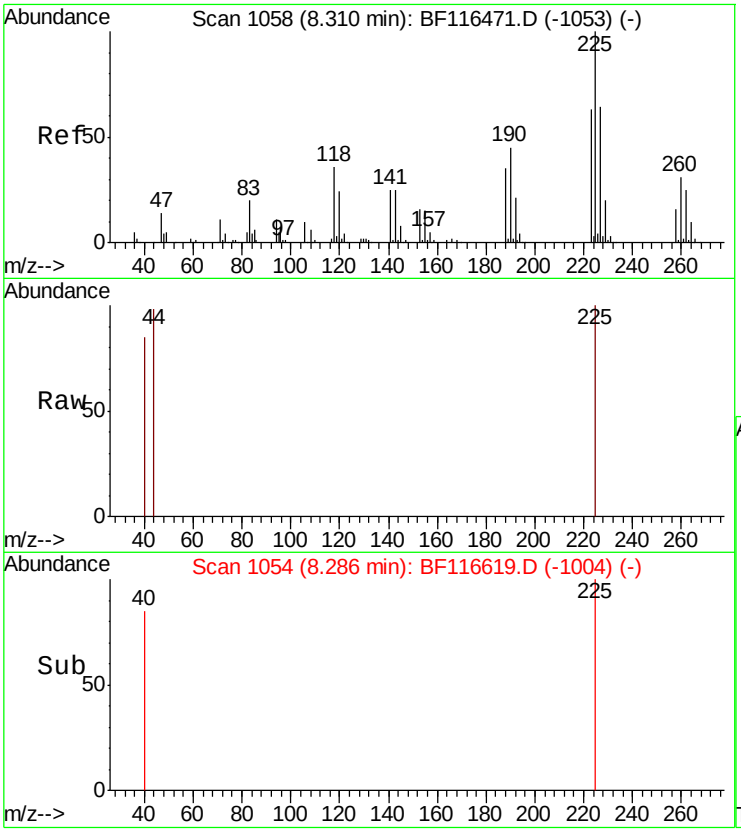


#33
4-Chloroaniline
Concen: 44.236 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:127 Resp: 523

Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.9	38.9#
65	0.0	22.6	33.8#
92	0.0	15.0	22.6#



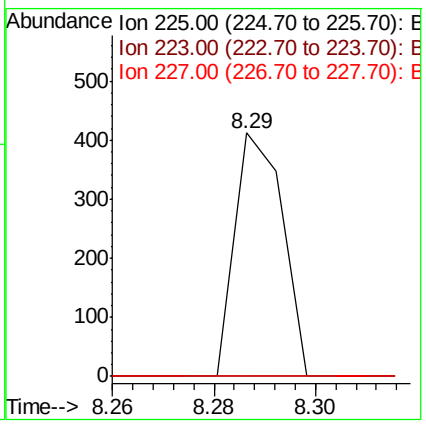


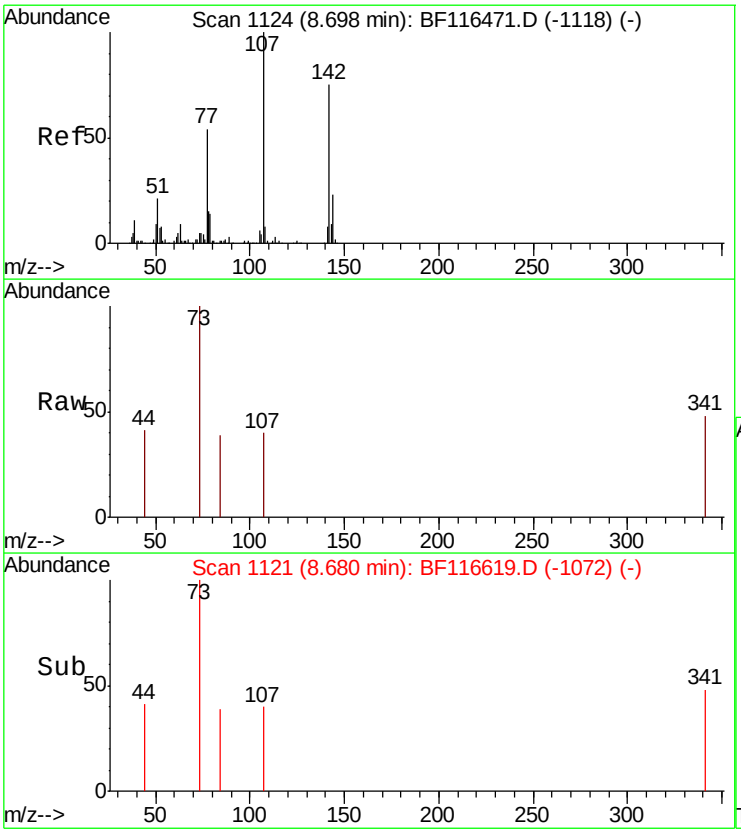
#34
Hexachlorobutadiene
Concen: 53.645 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:225 Resp: 268

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.7	76.1#
227	0.0	50.4	75.6#

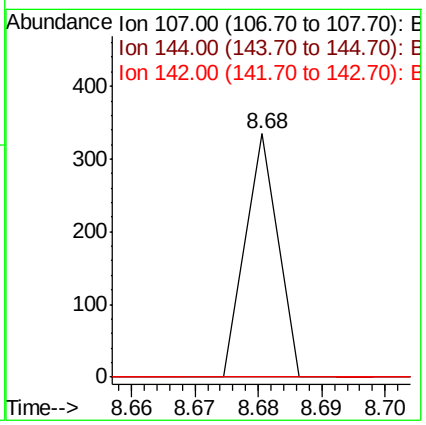


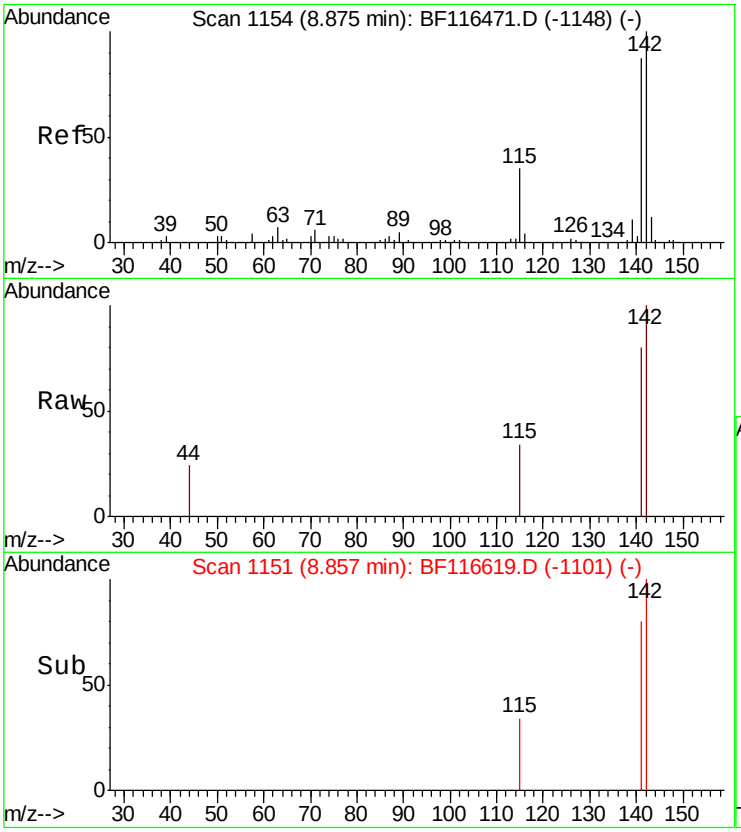


#36
4-Chloro-3-methylphenol
Concen: 15.008 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:107 Resp: 118

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.6	30.8#
142	0.0	63.8	95.6#



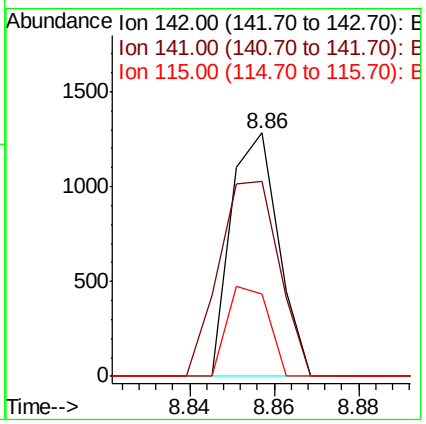


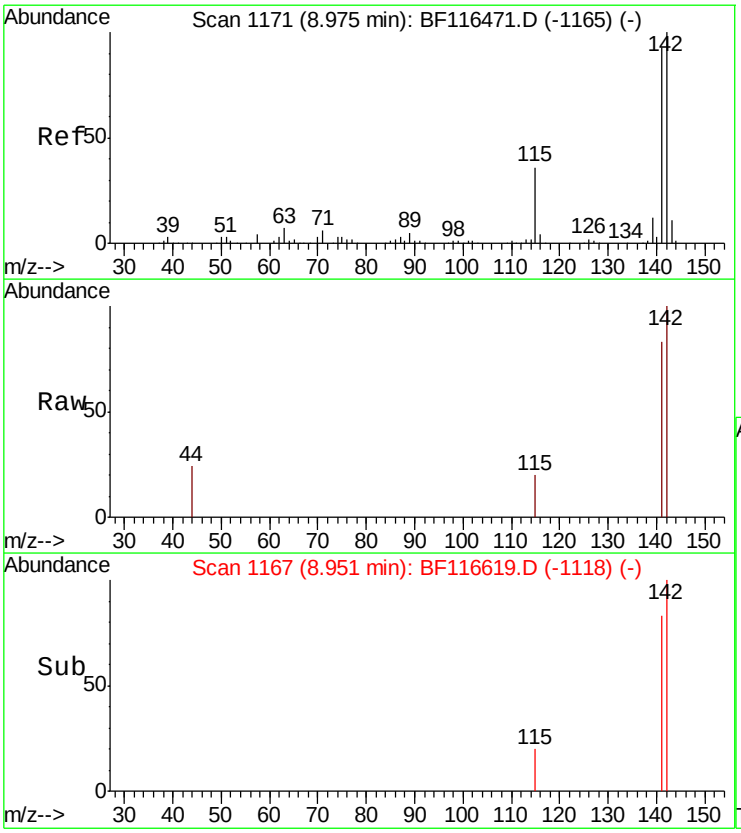
#37
2-Methylnaphthalene
Concen: 59.692 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1000

Ion	Ratio	Lower	Upper
142	100		
141	80.3	69.5	104.3
115	33.7	26.0	39.0

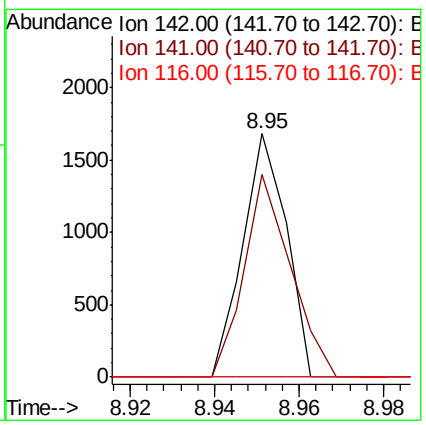


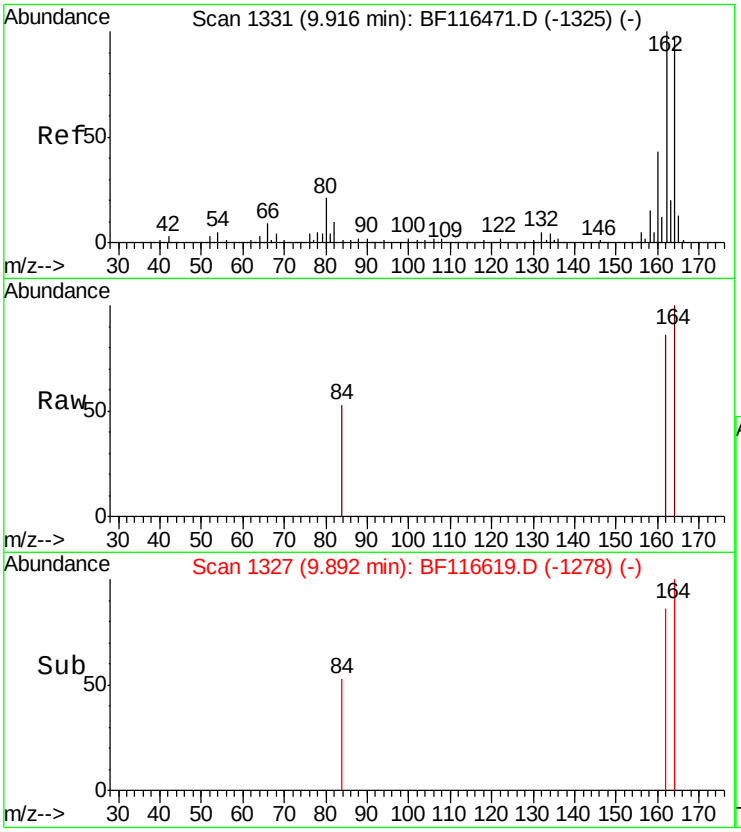


#38
1-Methylnaphthalene
Concen: 73.652 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:142 Resp: 1205

Ion	Ratio	Lower	Upper
142	100		
141	83.2	73.1	109.7
116	0.0	2.7	4.1#



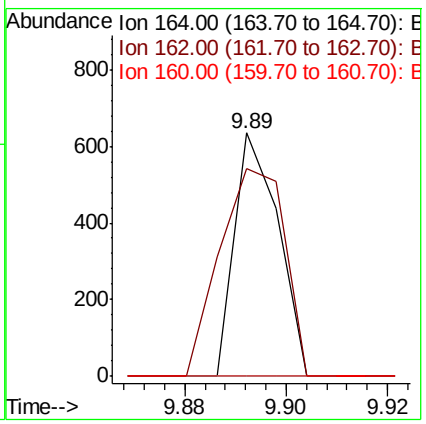


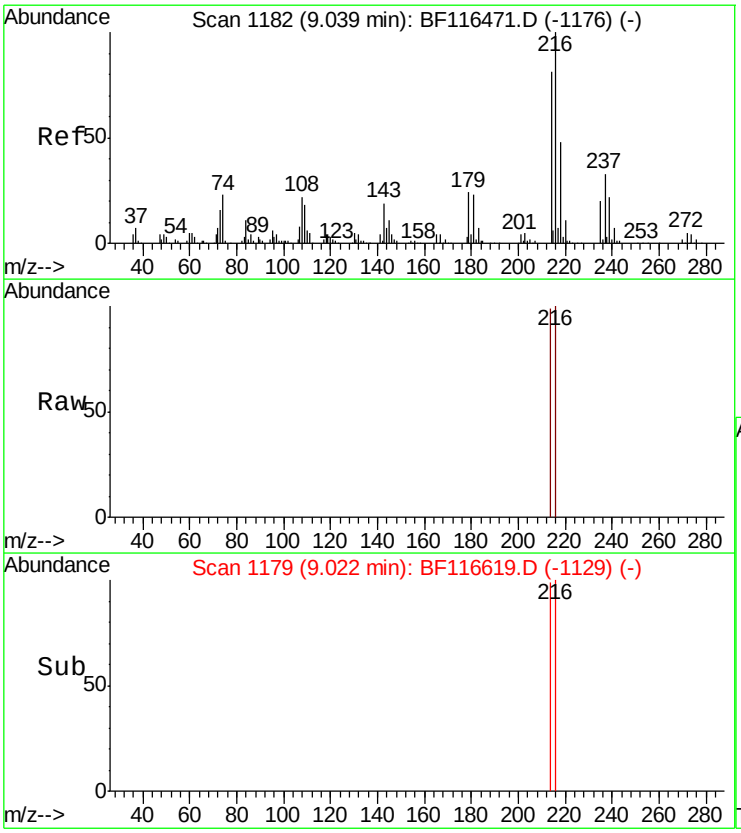
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 379

Ion	Ratio	Lower	Upper
164	100		
162	85.5	83.4	125.0
160	0.0	37.0	55.4#

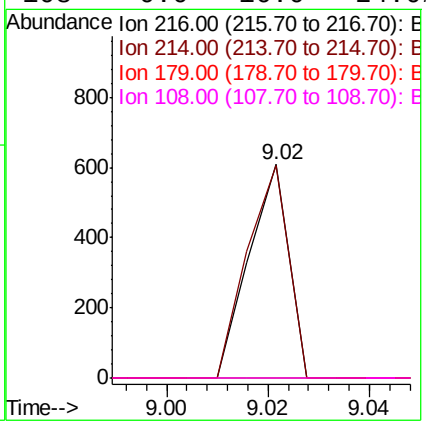


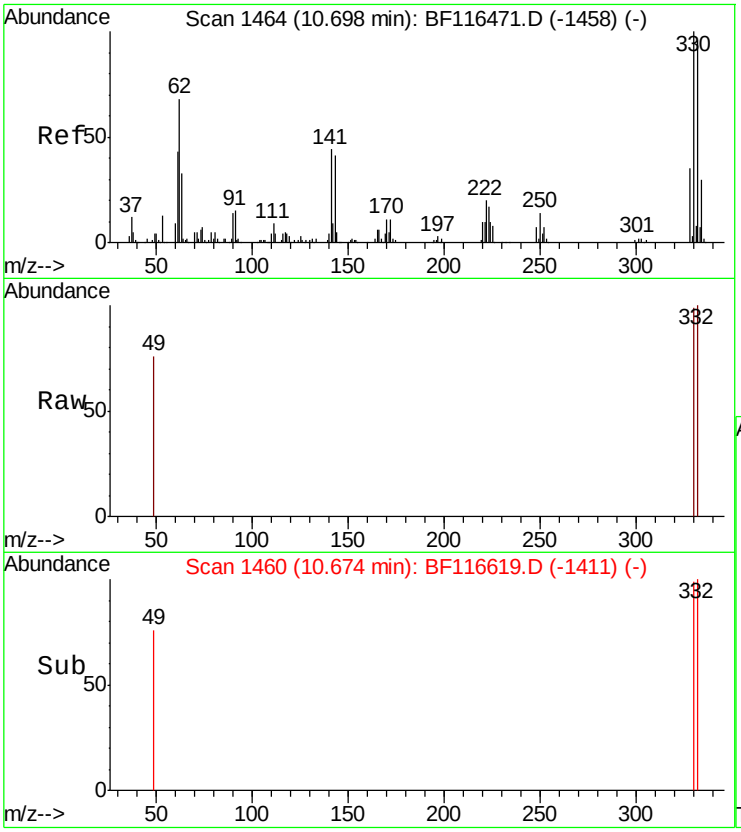


#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.832 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:216 Resp: 331

Ion	Ratio	Lower	Upper
216	100		
214	103.0	63.3	94.9#
179	0.0	17.9	26.9#
108	0.0	16.0	24.0#



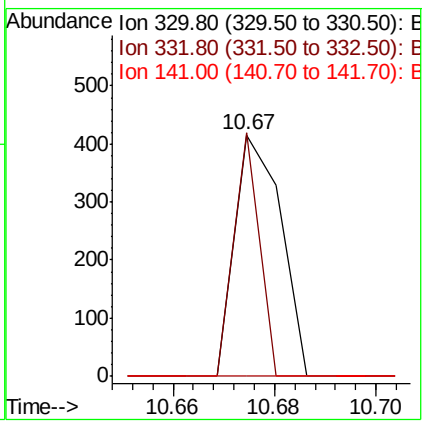


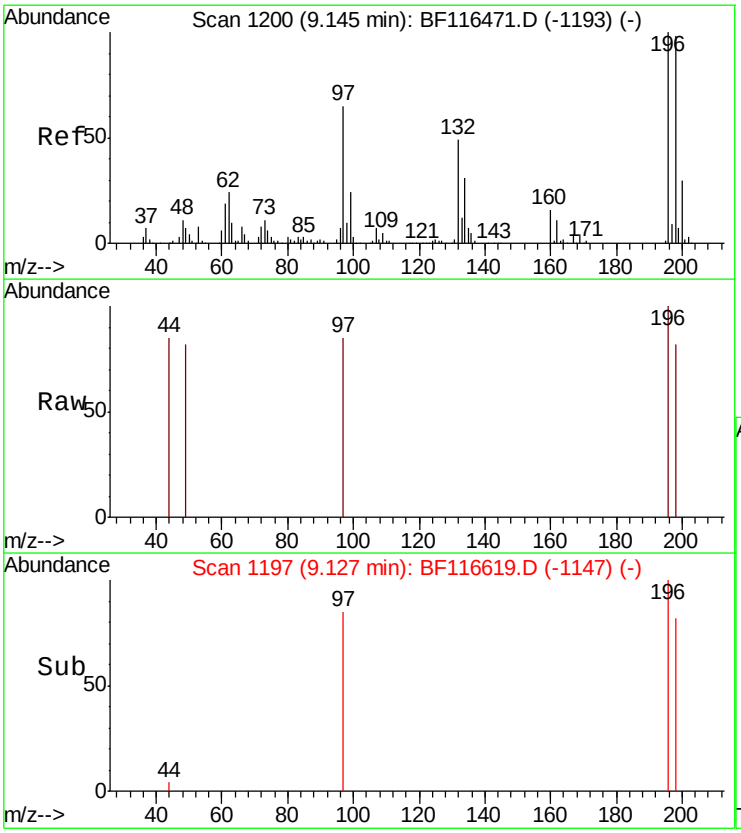
#42
2,4,6-Tribromophenol
Concen: 72.922 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 263

Ion	Ratio	Lower	Upper
330	100		
332	56.3	77.5	116.3#
141	0.0	28.2	42.2#

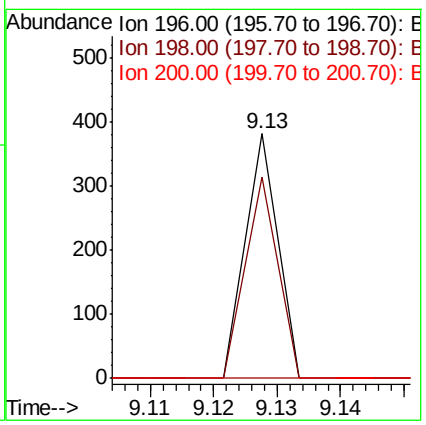


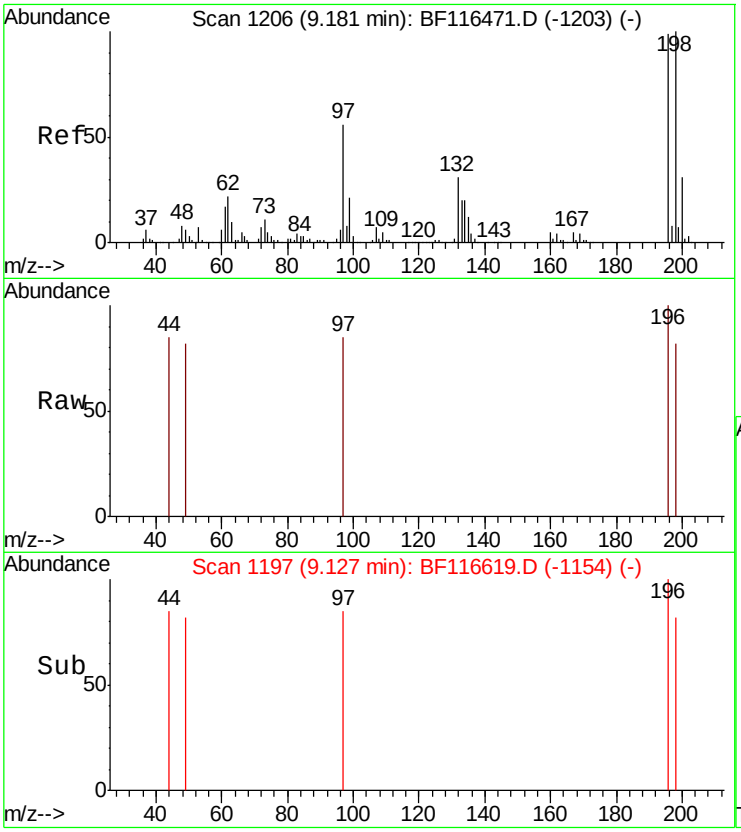


#43
2,4,6-Trichlorophenol
Concen: 18.349 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:196 Resp: 134

Ion	Ratio	Lower	Upper
196	100		
198	82.4	76.8	115.2
200	0.0	25.0	37.6#



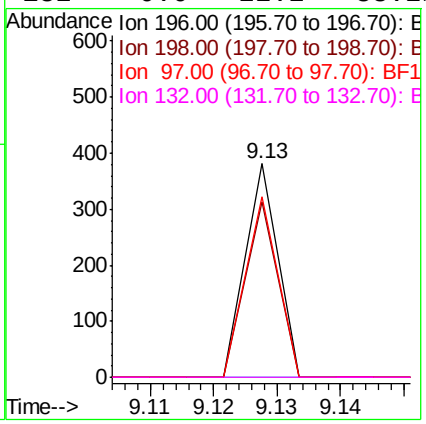


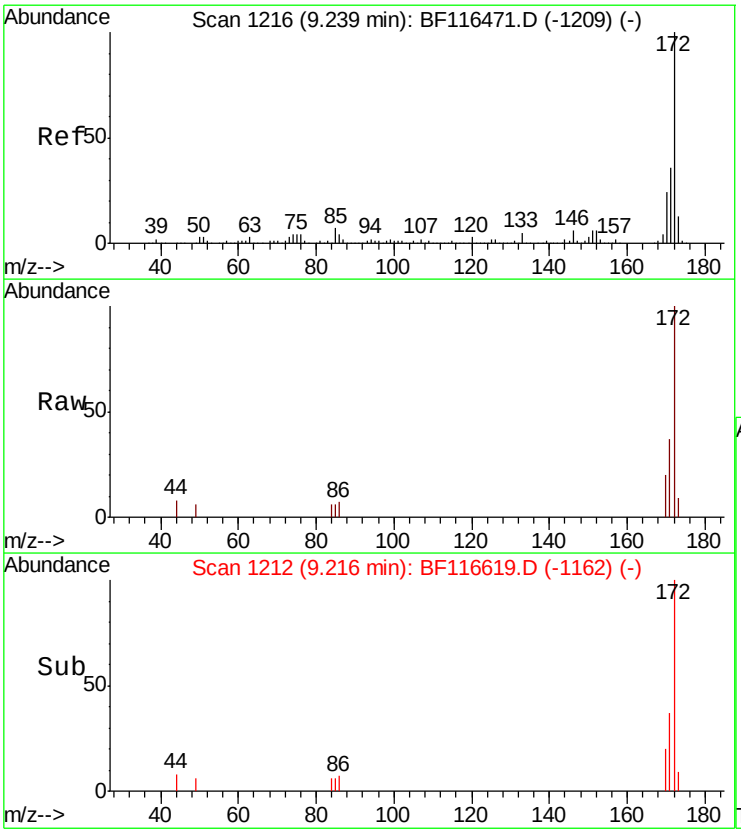
#44
2,4,5-Trichlorophenol
Concen: 18.244 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.05 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 134

Ion	Ratio	Lower	Upper
196	100		
198	82.4	82.0	123.0
97	84.8	37.0	55.6#
132	0.0	22.2	33.2#

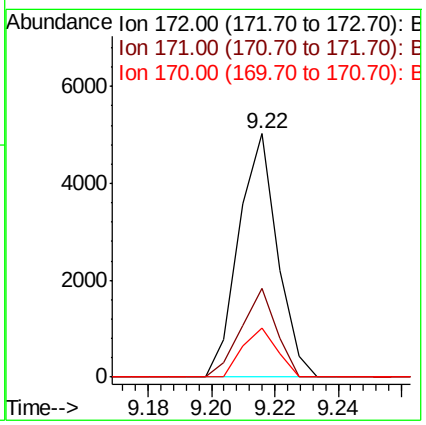


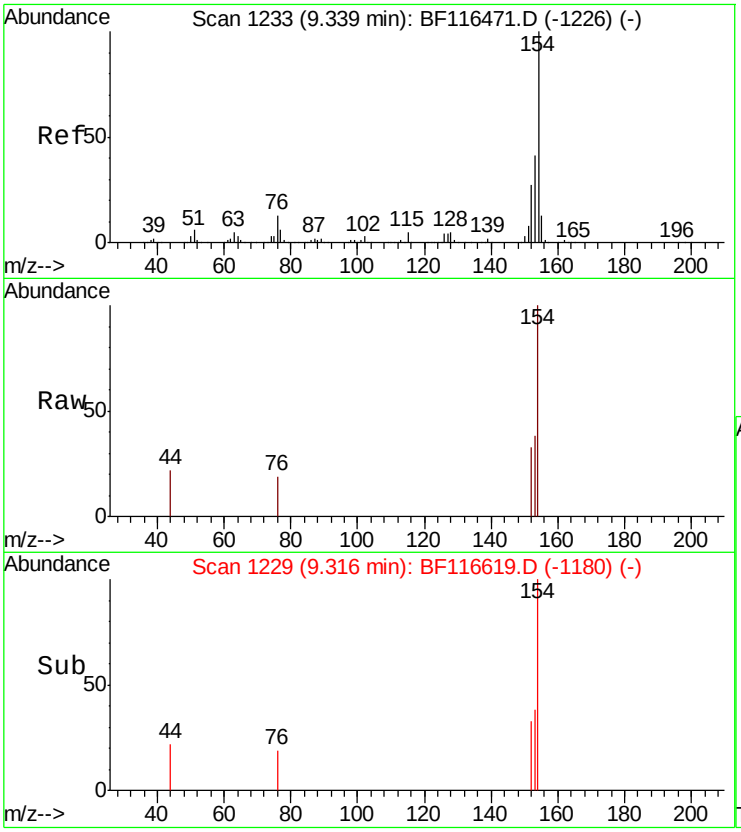


#45
2-Fluorobiphenyl
Concen: 186.048 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:172 Resp: 4237

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	19.9	19.3	28.9



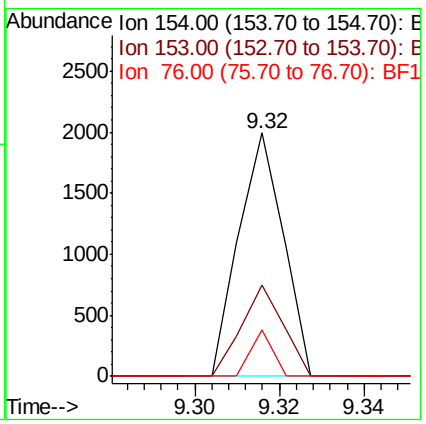


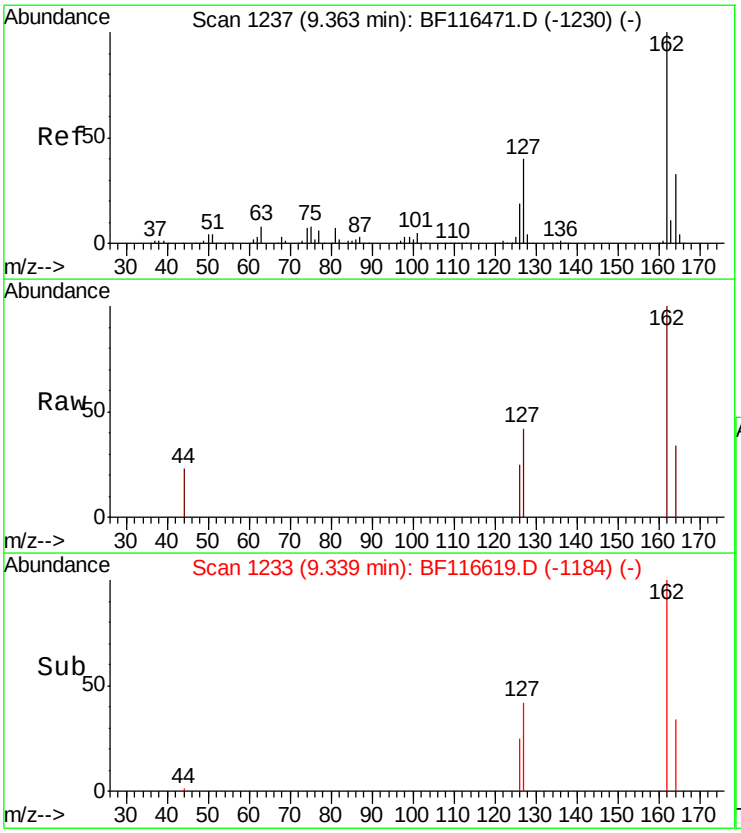
#46
1,1'-Biphenyl
Concen: 50.782 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1461

Ion	Ratio	Lower	Upper
154	100		
153	37.7	21.4	61.4
76	19.1	0.0	31.8

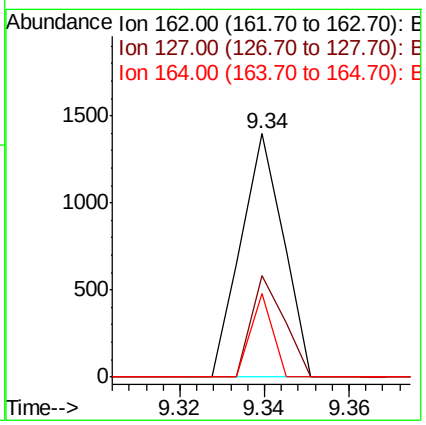


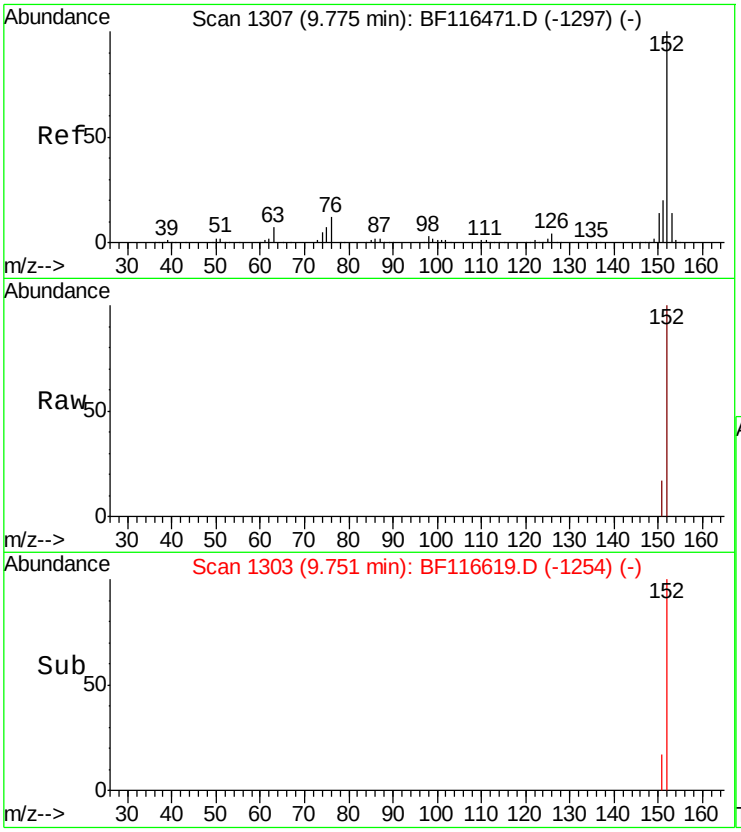


#47
2-Chloronaphthalene
Concen: 43.651 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:162 Resp: 979

Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.1	46.7
164	34.2	26.8	40.2



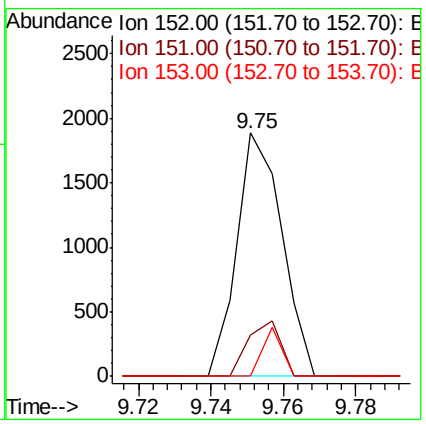


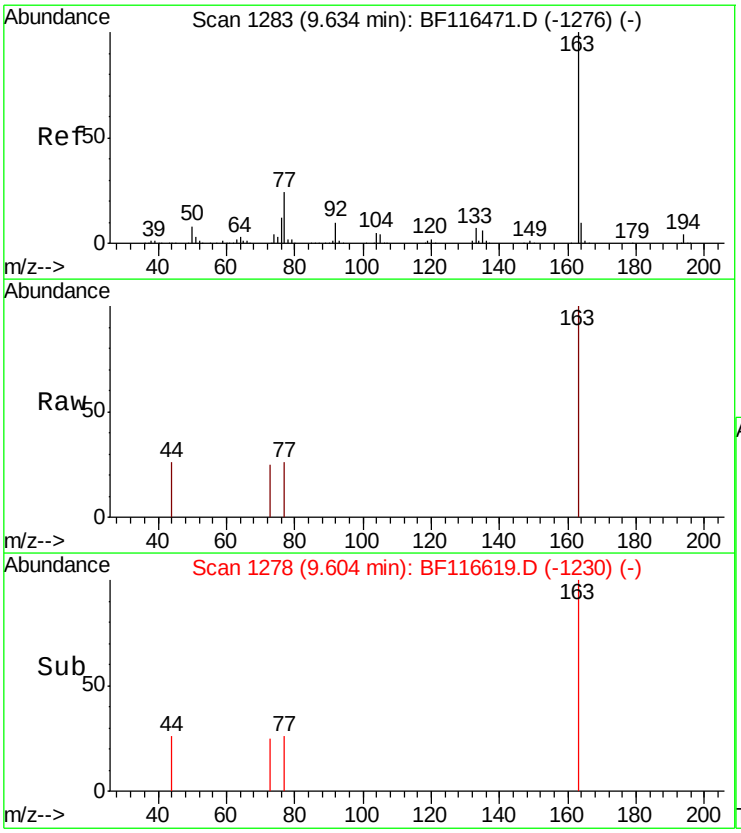
#49
Acenaphthylene
Concen: 49.359 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 1626

Ion	Ratio	Lower	Upper
152	100		
151	16.8	16.4	24.6
153	0.0	11.3	16.9#

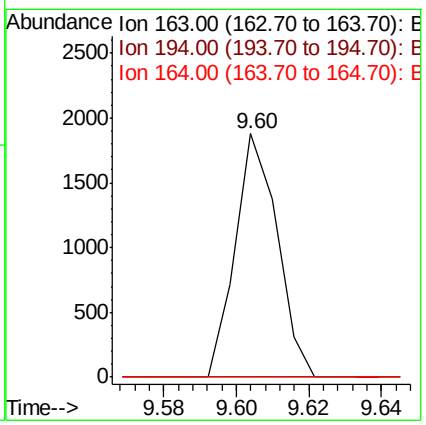


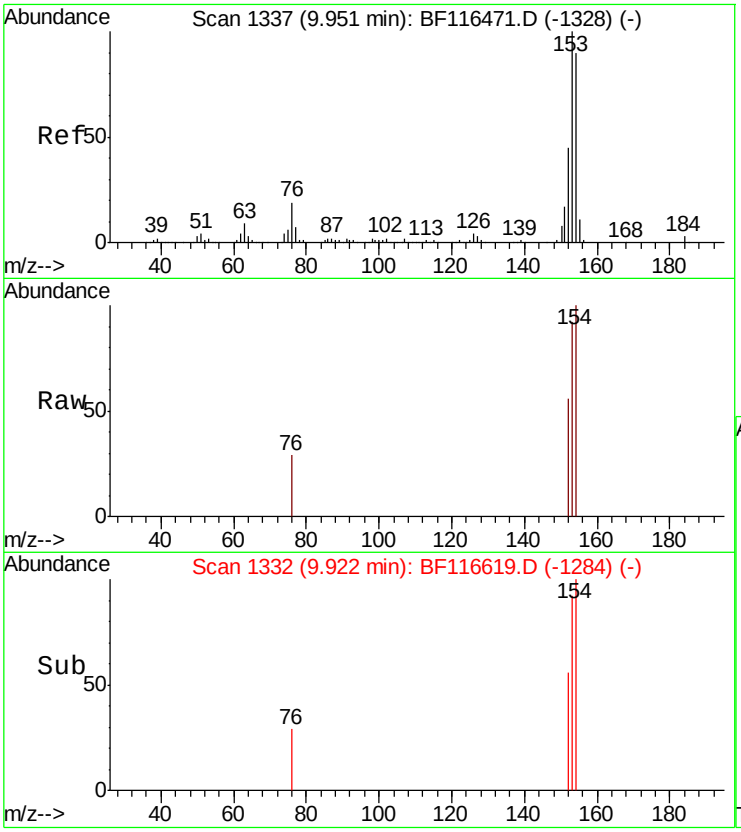


#50
Dimethylphthalate
Concen: 59.263 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:163 Resp: 1510

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	0.0	8.2	12.2#



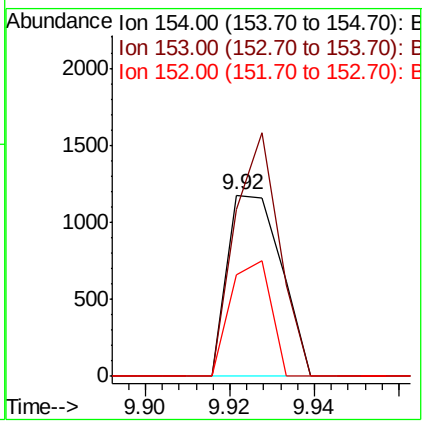


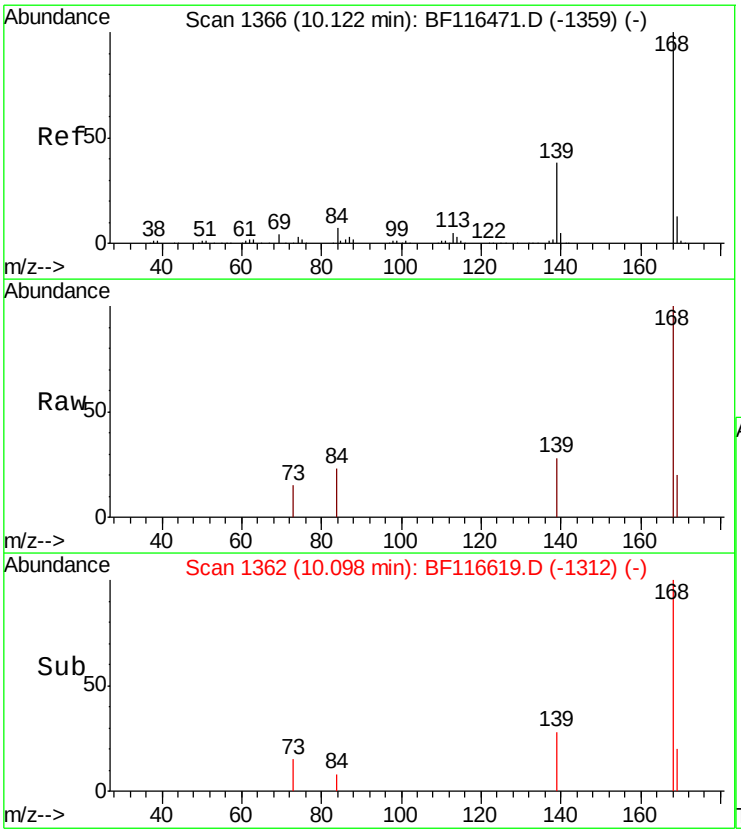
#52
Acenaphthene
Concen: 46.760 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1043

Ion	Ratio	Lower	Upper
154	100		
153	91.9	86.6	129.8
152	56.0	39.4	59.0

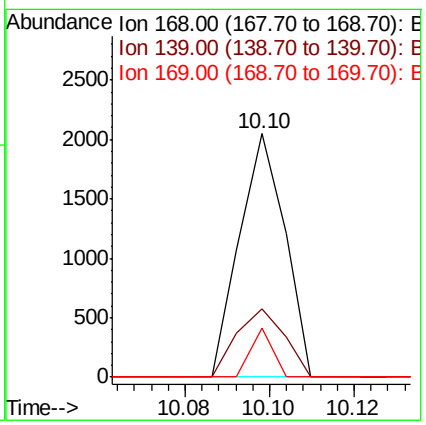


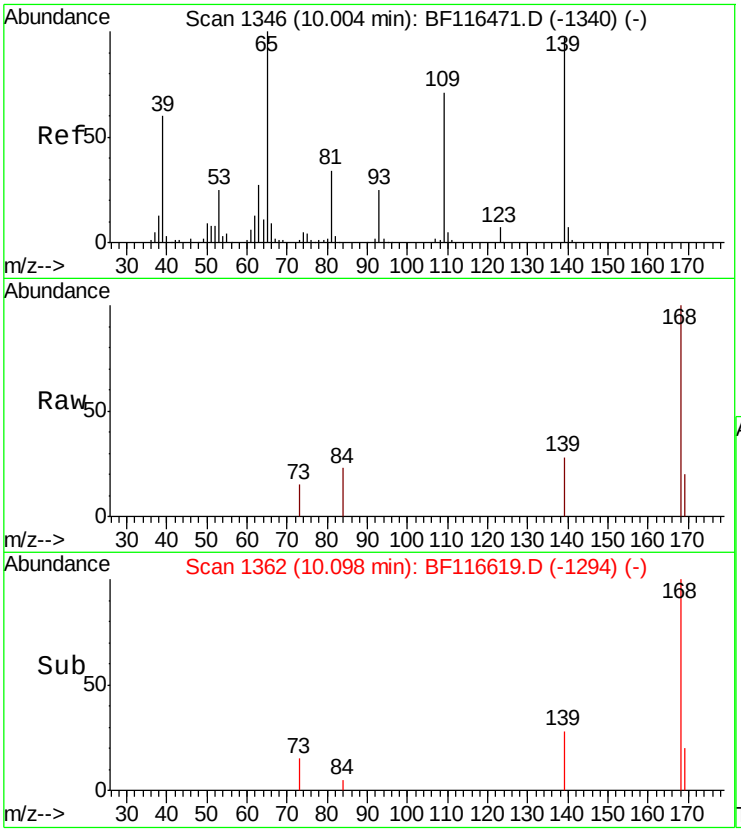


#55
Dibenzofuran
Concen: 50.871 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:168 Resp: 1528

Ion	Ratio	Lower	Upper
168	100		
139	28.1	31.3	46.9#
169	20.0	11.3	16.9#



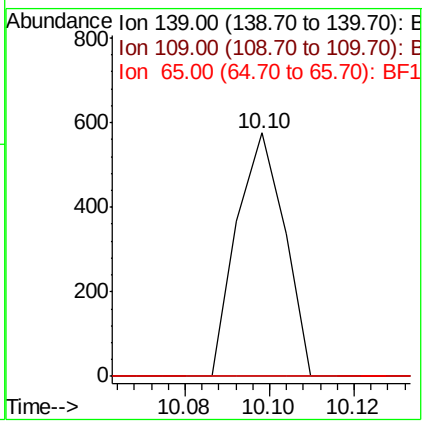


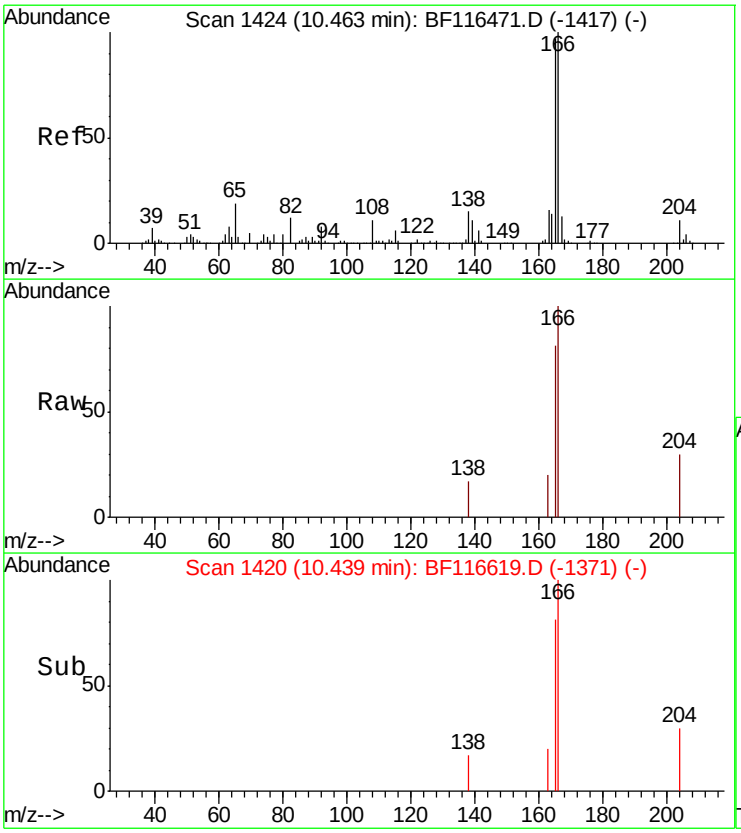
#56
4-Nitrophenol
Concen: 88.430 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.10 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 451

Ion	Ratio	Lower	Upper
139	100		
109	0.0	45.5	85.5#
65	0.0	66.8	106.8#

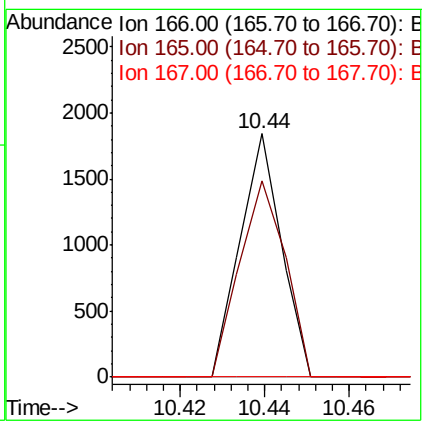


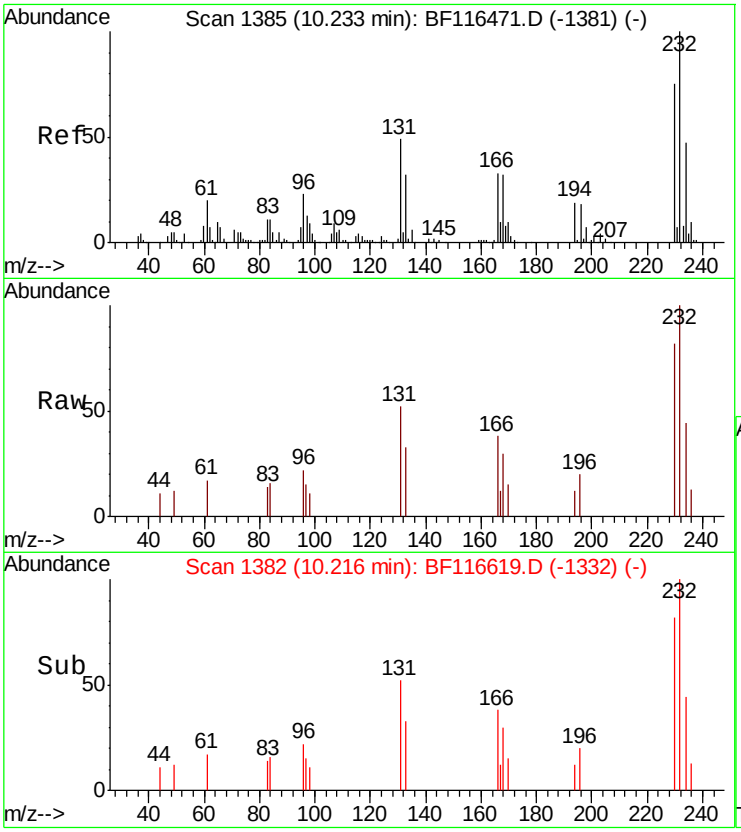


#58
Fluorene
Concen: 55.054 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:166 Resp: 1255

Ion	Ratio	Lower	Upper
166	100		
165	80.6	77.8	116.6
167	0.0	10.6	16.0#



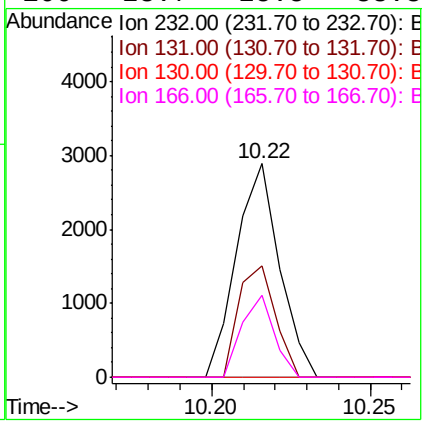


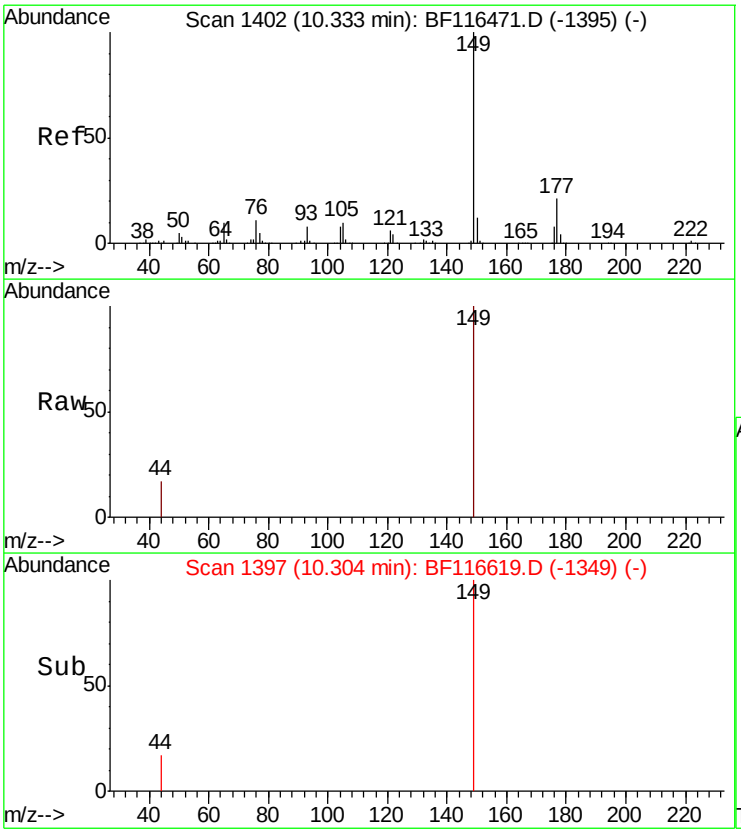
#59
2,3,4,6-Tetrachlorophenol
Concen: 451.709 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 2731

Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.7	56.5
130	0.0	1.8	2.6#
166	28.7	25.5	38.3

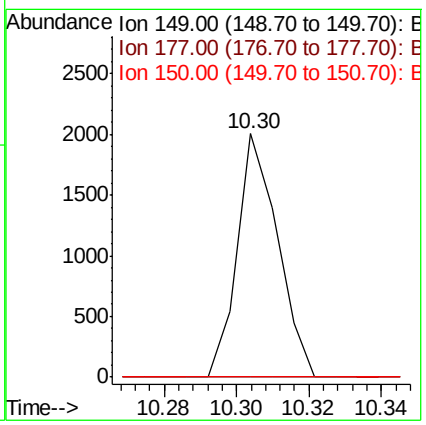


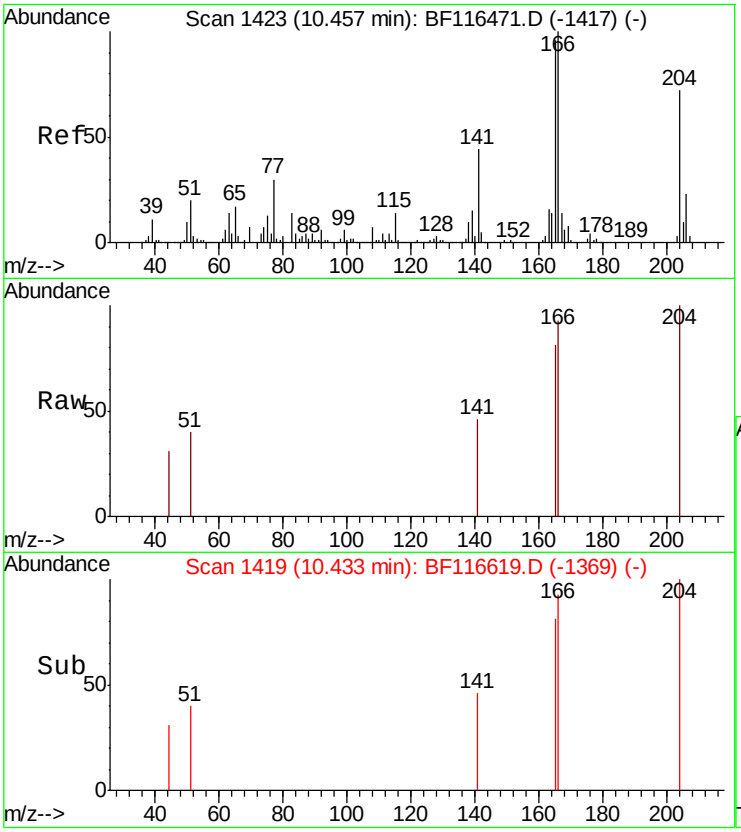


#60
Diethylphthalate
Concen: 62.242 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:149 Resp: 1548

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.2	27.4#
150	0.0	10.1	15.1#



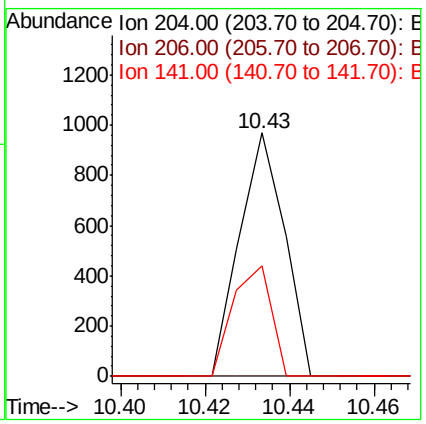


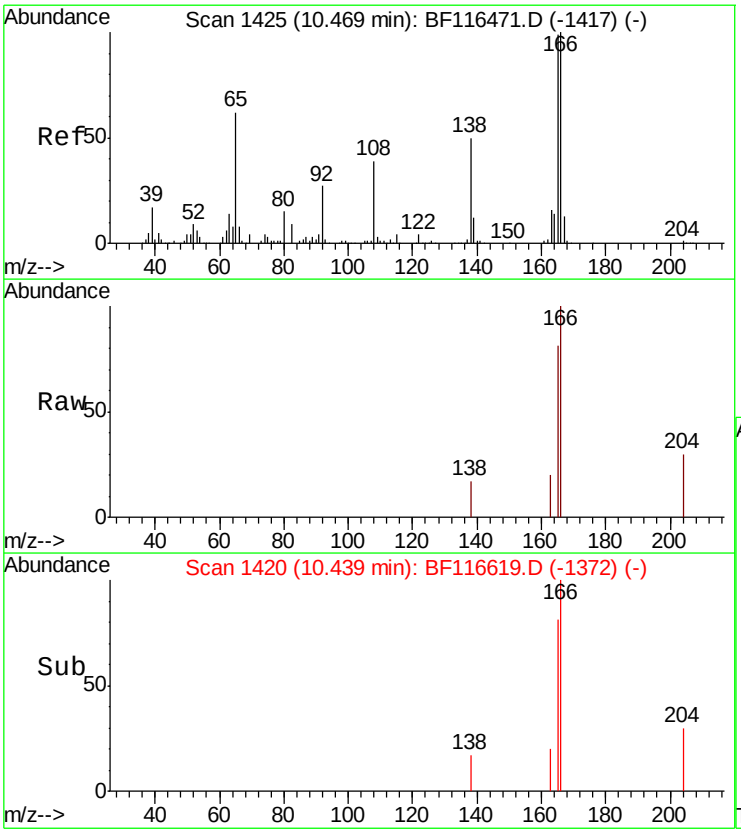
#61
4-Chlorophenyl-phenylether
Concen: 62.741 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 717

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.0	39.0#
141	45.5	47.9	71.9#

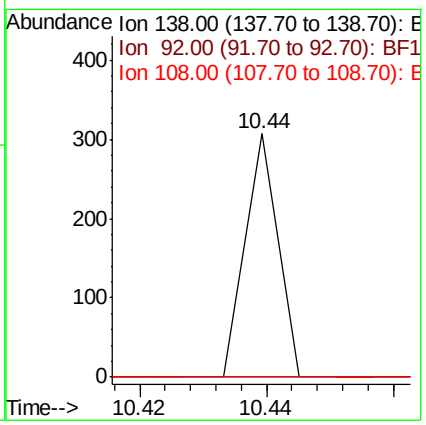


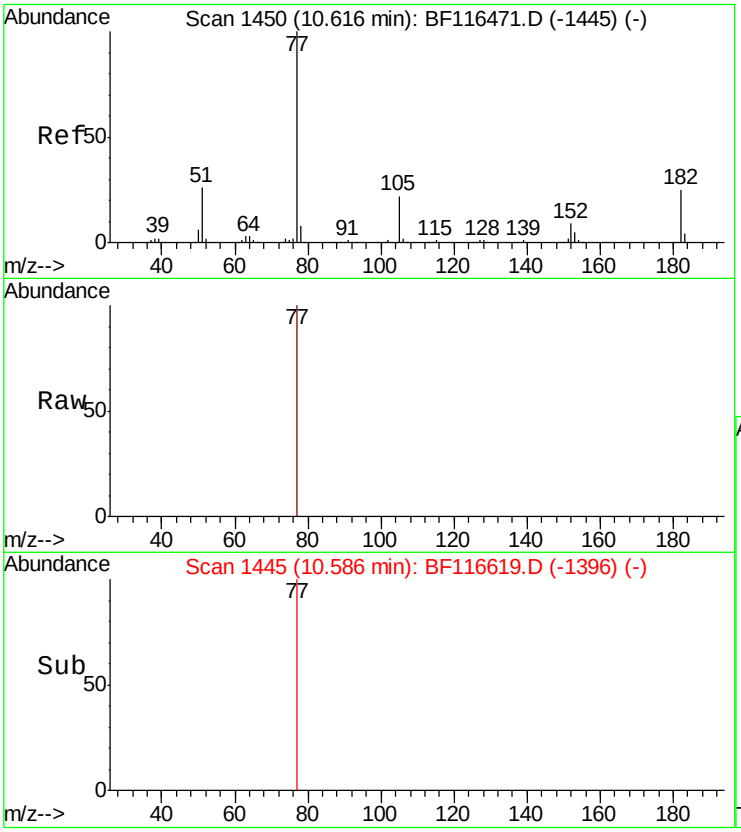


#62
4-Nitroaniline
Concen: 16.546 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:138 Resp: 108

Ion	Ratio	Lower	Upper
138	100		
92	0.0	28.9	68.9#
108	0.0	49.3	89.3#



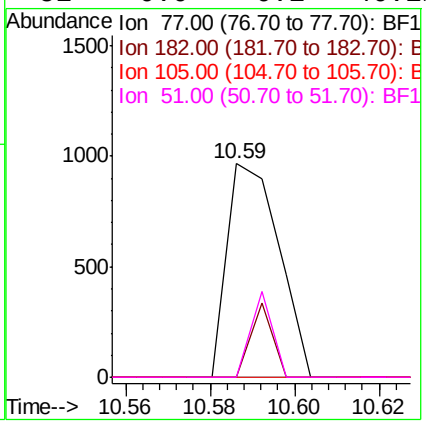


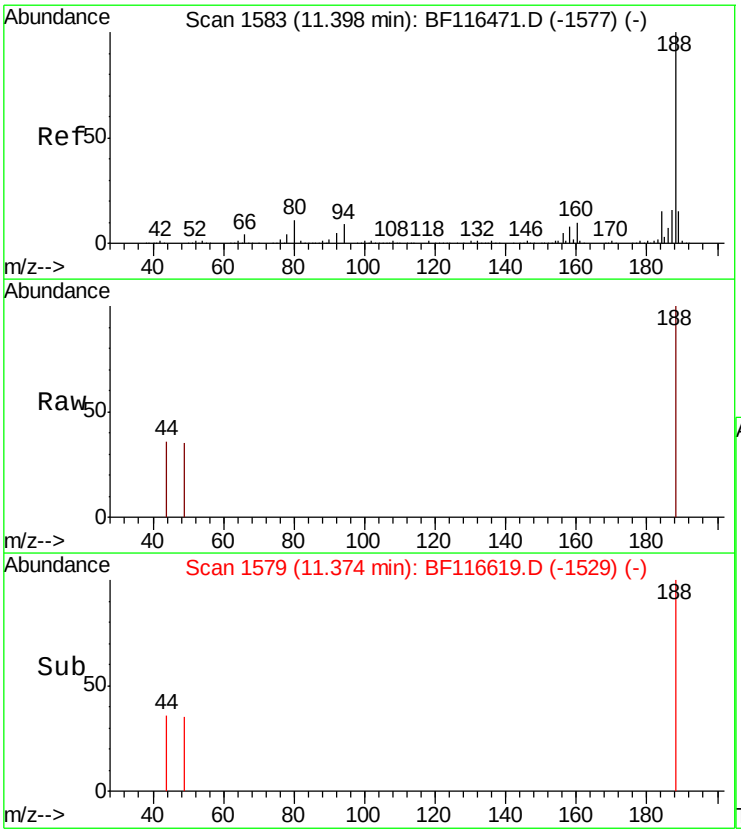
#63
Azobenzene
Concen: 32.780 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 823

Ion	Ratio	Lower	Upper
77	100		
182	0.0	3.8	43.8#
105	0.0	1.6	41.6#
51	0.0	6.1	46.1#

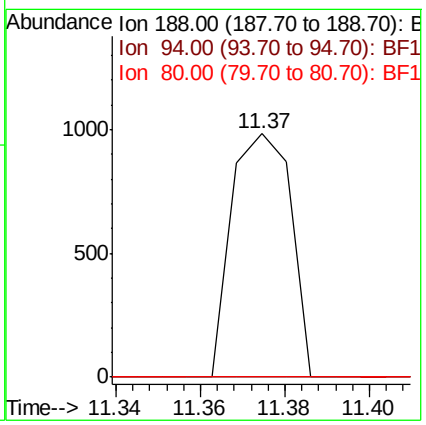


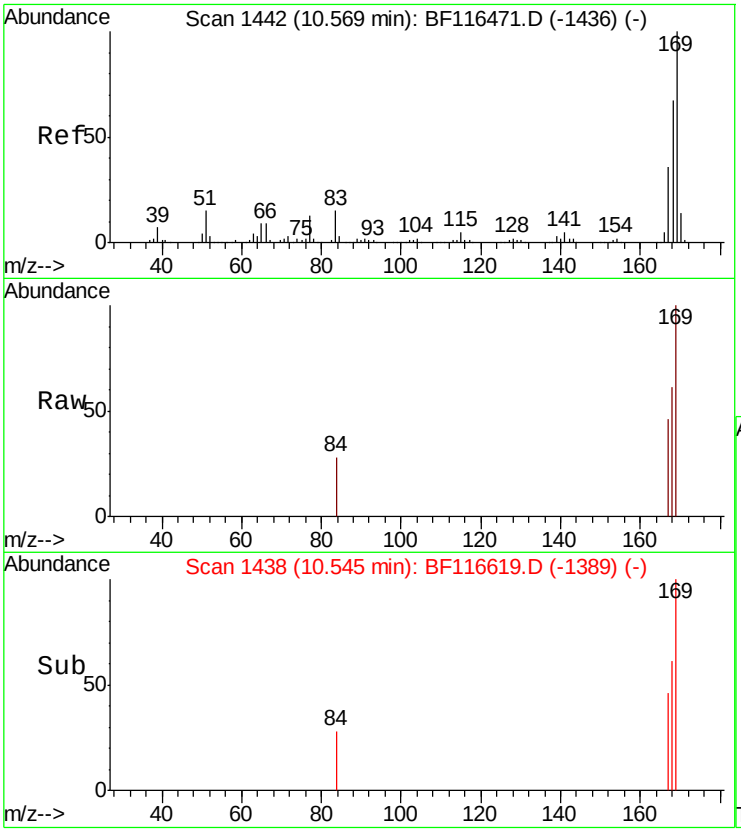


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:188 Resp: 961

Ion	Ratio	Lower	Upper
188	100		
94	0.0	8.2	12.4#
80	0.0	8.9	13.3#



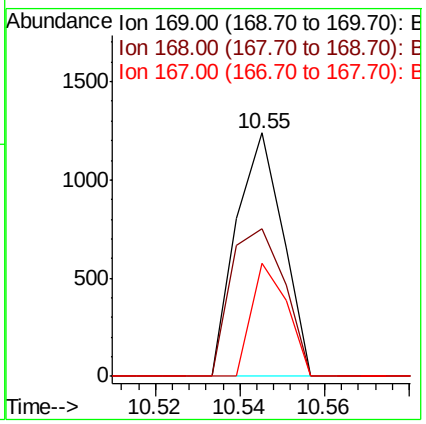


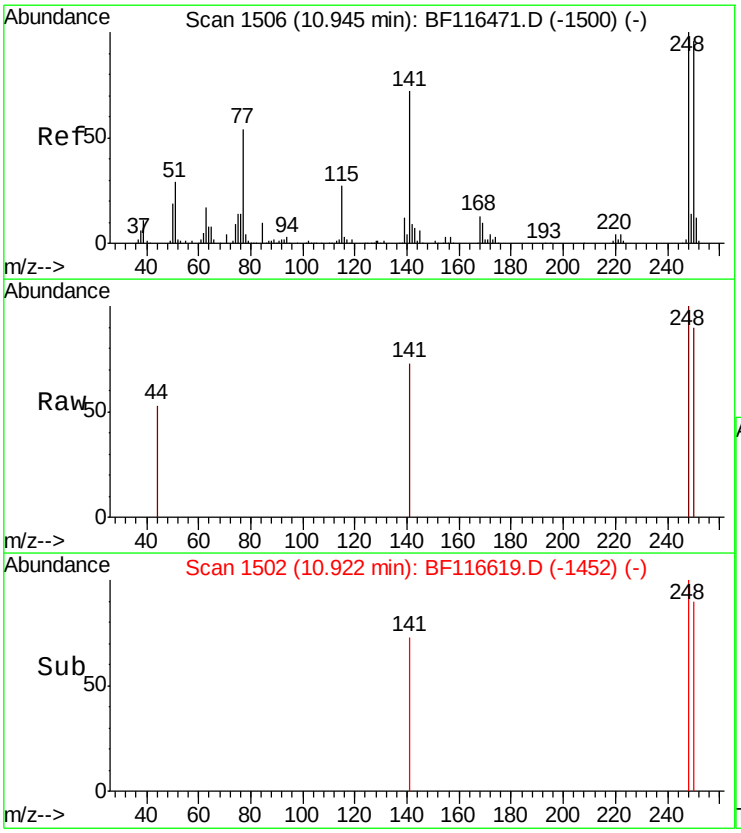
#66
n-Nitrosodiphenylamine
Concen: 31.295 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 952

Ion	Ratio	Lower	Upper
169	100		
168	60.6	53.8	80.8
167	46.5	29.3	43.9#

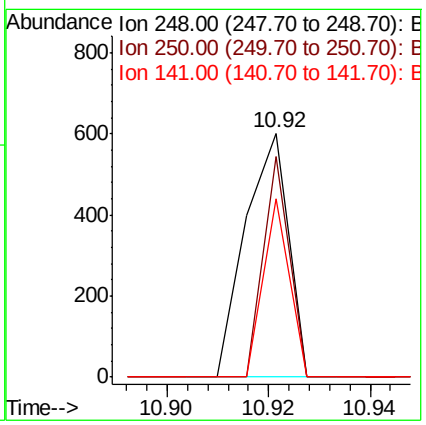


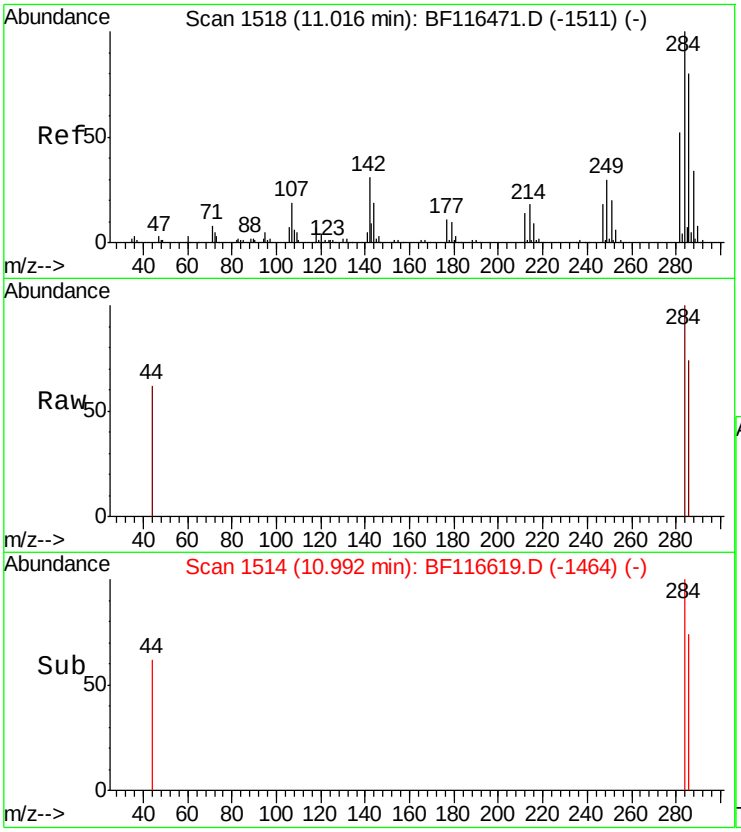


#67
4-Bromophenyl-phenylether
Concen: 34.532 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:248 Resp: 352

Ion	Ratio	Lower	Upper
248	100		
250	90.3	76.6	115.0
141	73.0	60.8	91.2



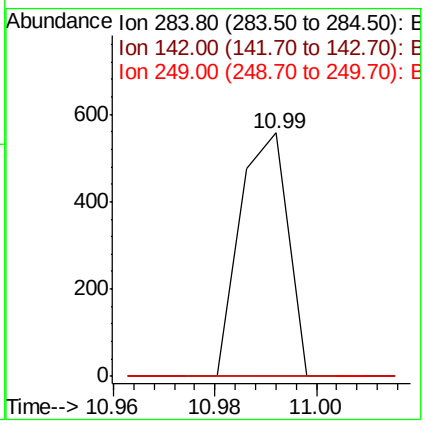


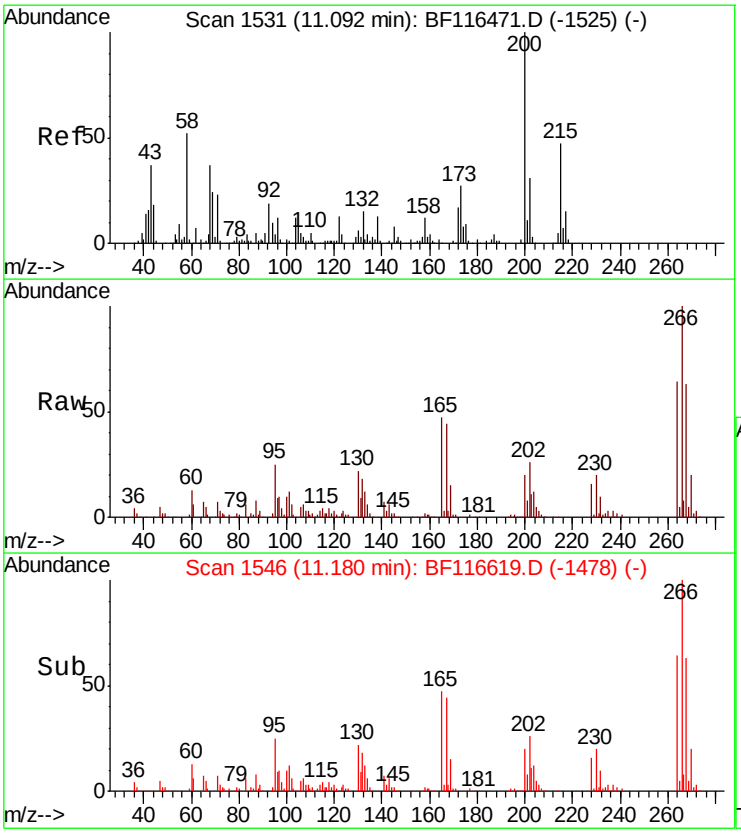
#68
Hexachlorobenzene
Concen: 32.162 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 365

Ion	Ratio	Lower	Upper
284	100		
142	0.0	27.8	41.8#
249	0.0	24.2	36.4#

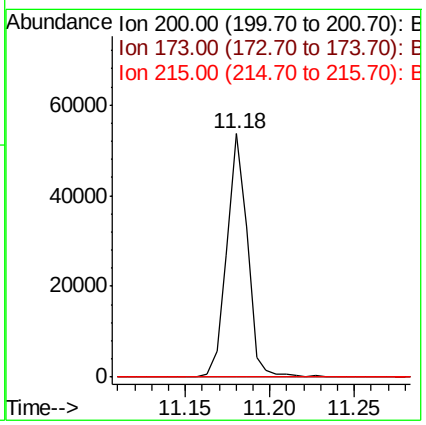


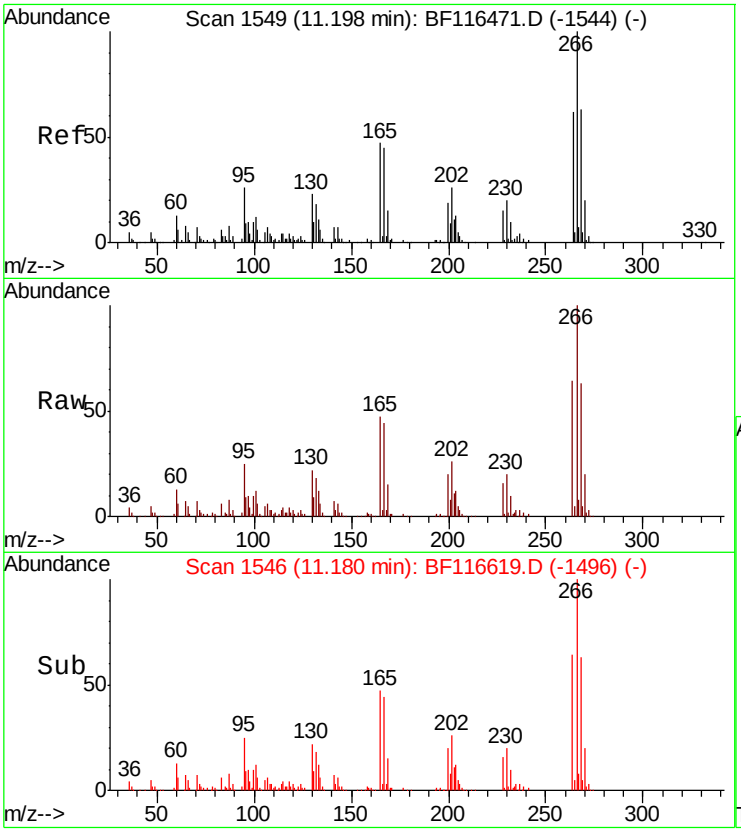


#69
Atrazine
Concen: 5011.259 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.10 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:200 Resp: 45139

Ion	Ratio	Lower	Upper
200	100		
173	0.0	6.8	46.8#
215	0.0	28.5	68.5#



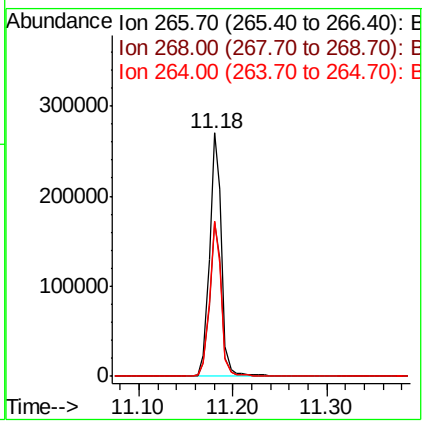


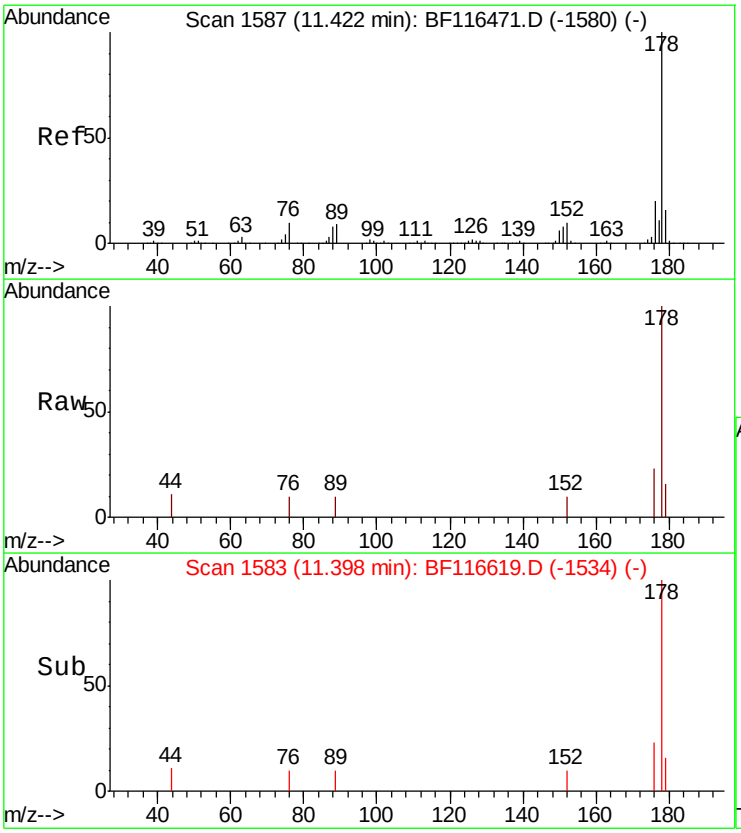
#70
Pentachlorophenol
Concen: 35151.983 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 245114

Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.8	74.8
264	63.7	49.9	74.9

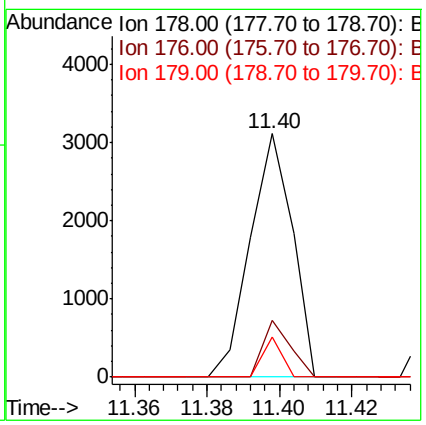


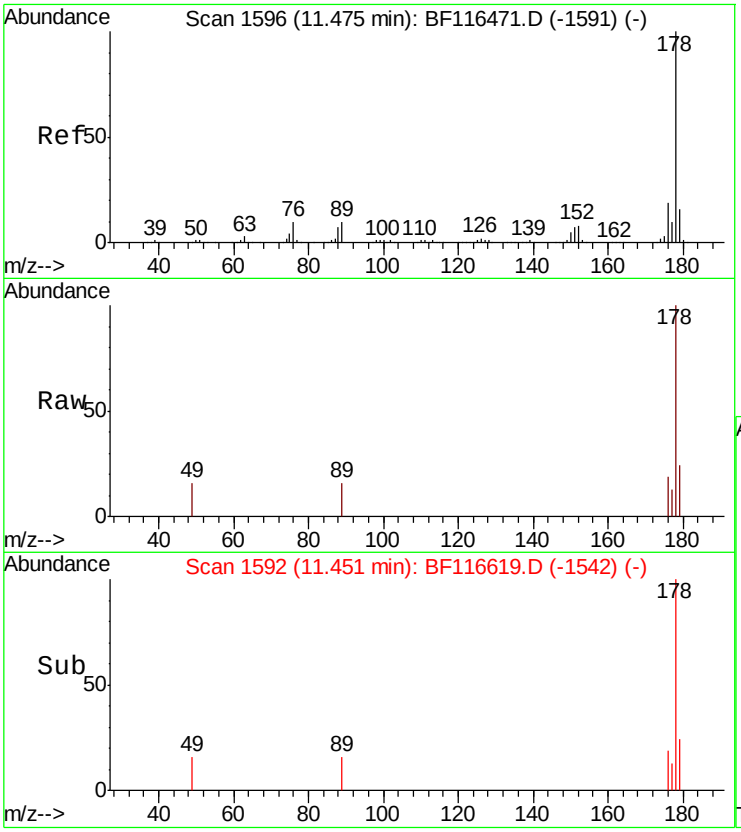


#71
Phenanthrene
Concen: 48.530 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:178 Resp: 2505

Ion	Ratio	Lower	Upper
178	100		
176	23.3	15.5	23.3#
179	16.2	12.4	18.6



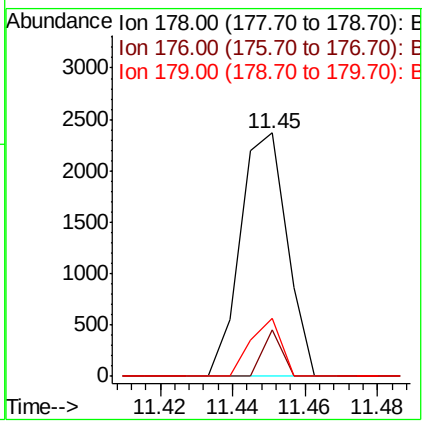


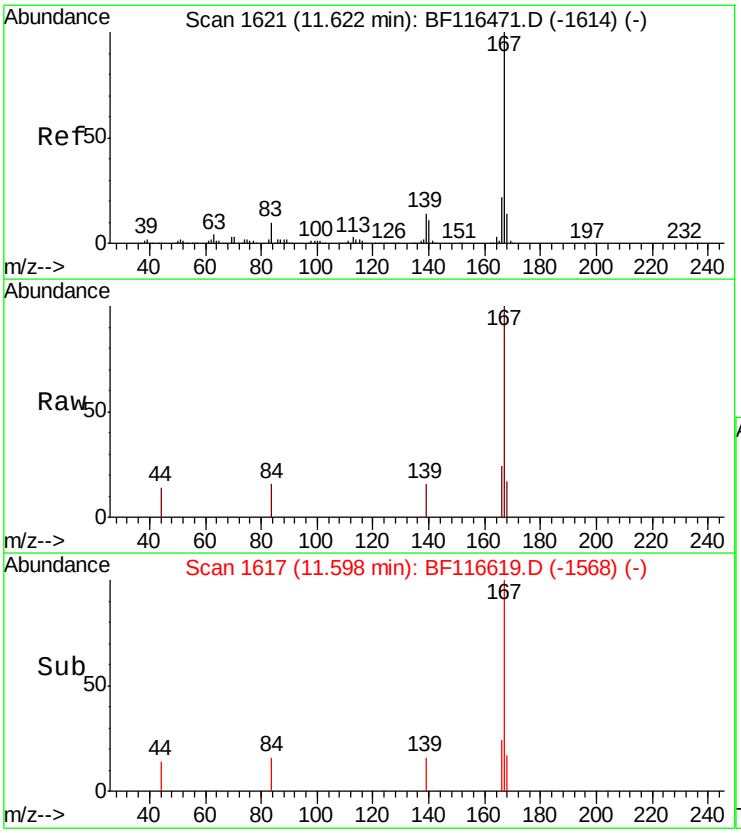
#72
Anthracene
Concen: 40.824 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2107

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	23.8	12.7	19.1#

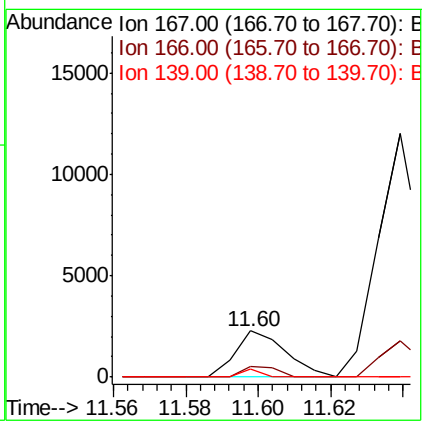


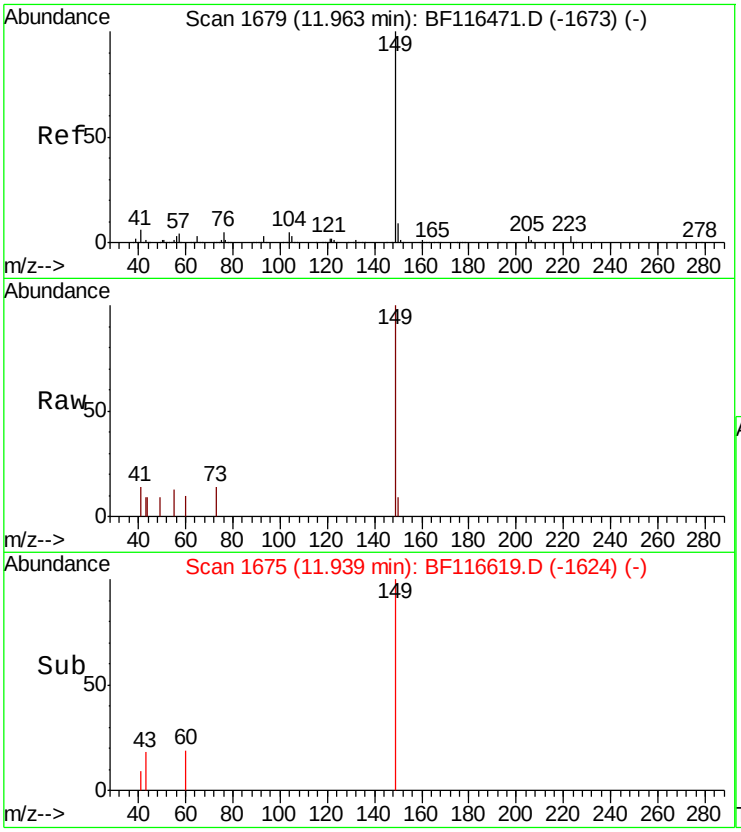


#73
Carbazole
Concen: 49.879 ng
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:167 Resp: 2191

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.9	26.9
139	16.4	10.3	15.5#



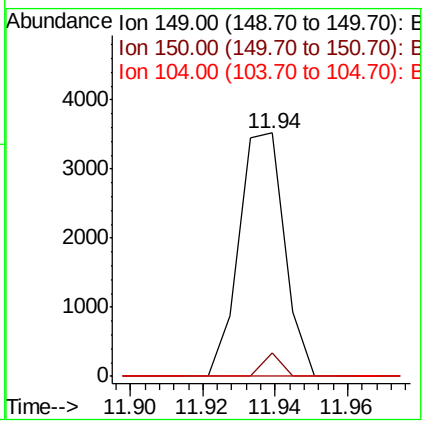


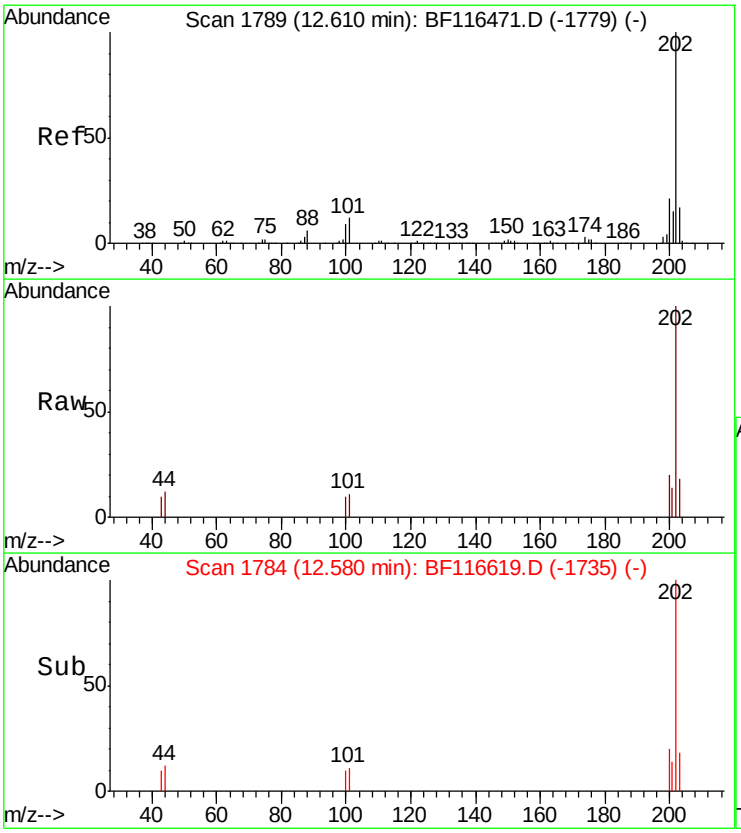
#74
Di-n-butylphthalate
Concen: 60.859 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 3098

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	0.0	4.2	6.4#

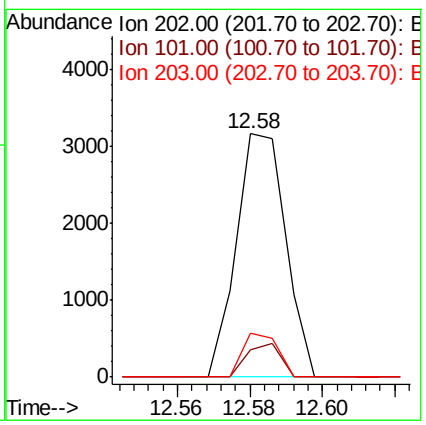


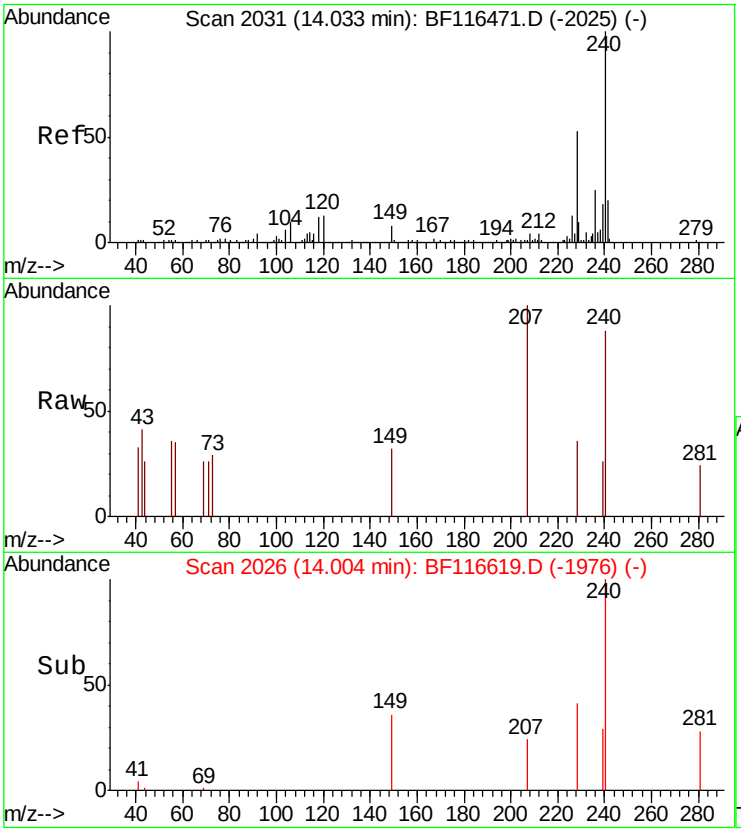


#75
Fluoranthene
Concen: 64.524 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:202 Resp: 2987

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.8
203	18.0	0.0	37.1



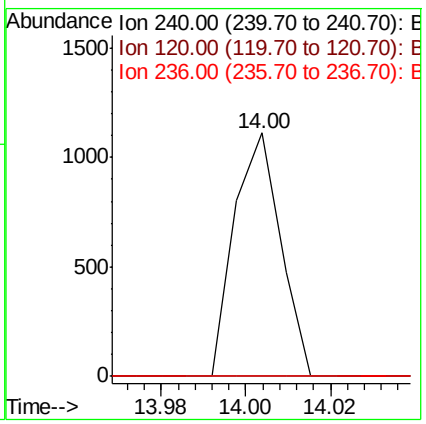


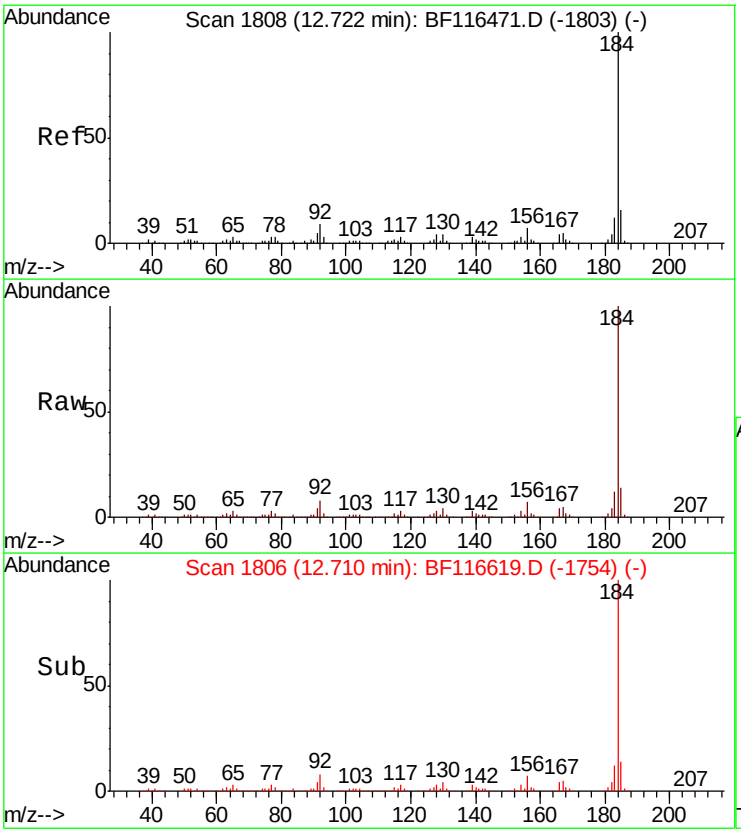
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 844

Ion	Ratio	Lower	Upper
240	100		
120	0.0	11.3	16.9#
236	0.0	21.4	32.2#

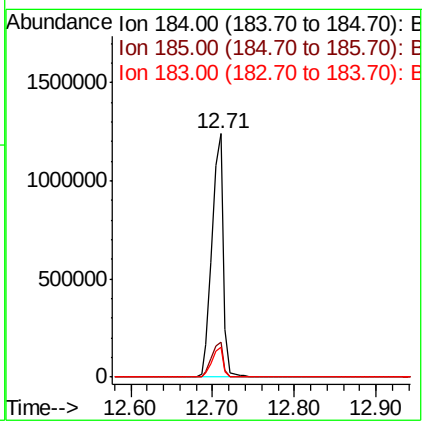


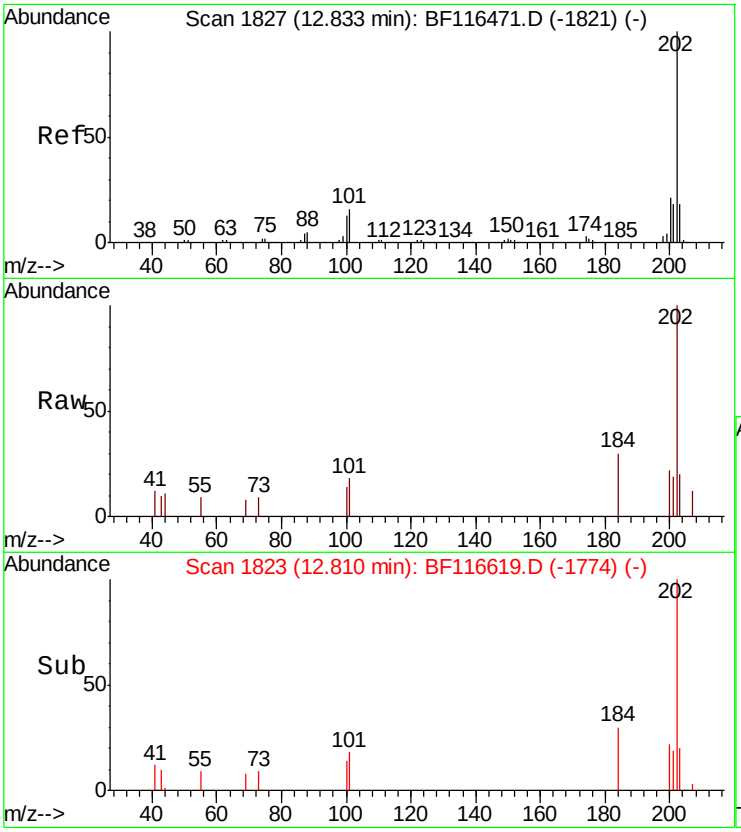


#77
Benzidine
Concen: 39459.054 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:184 Resp: 1204772

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.3	9.3	13.9



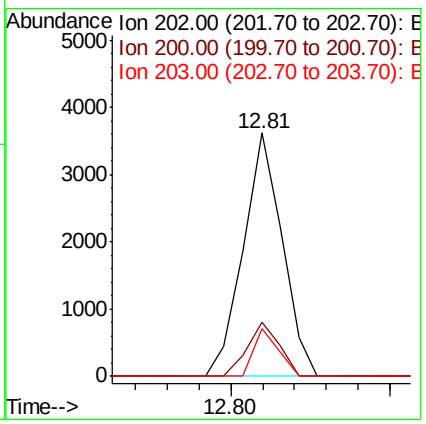


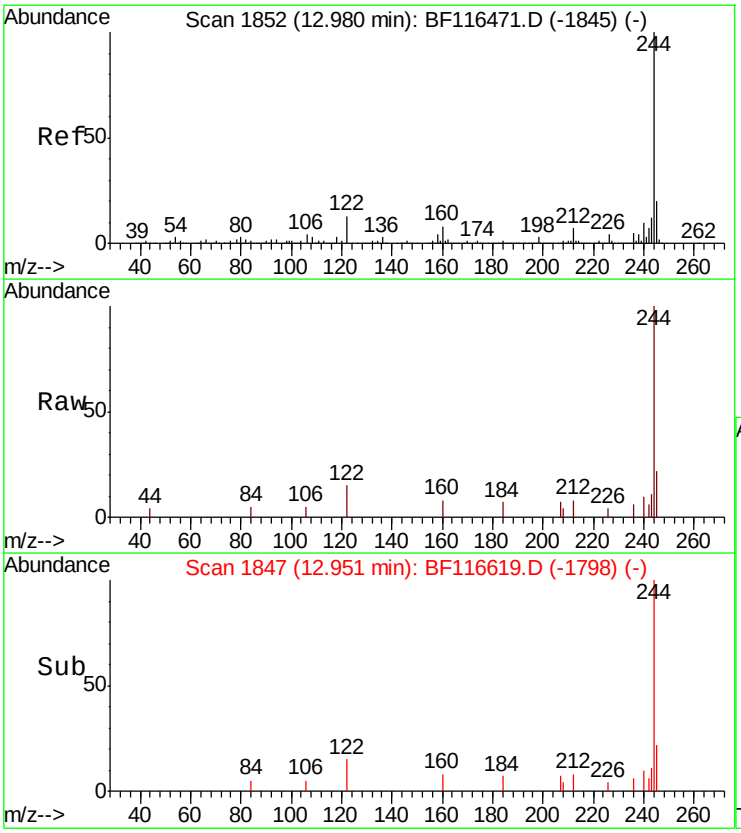
#78
Pyrene
Concen: 39.789 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 3088

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.0
203	19.7	14.2	21.4

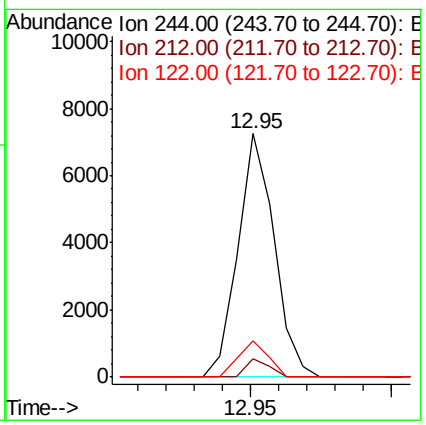


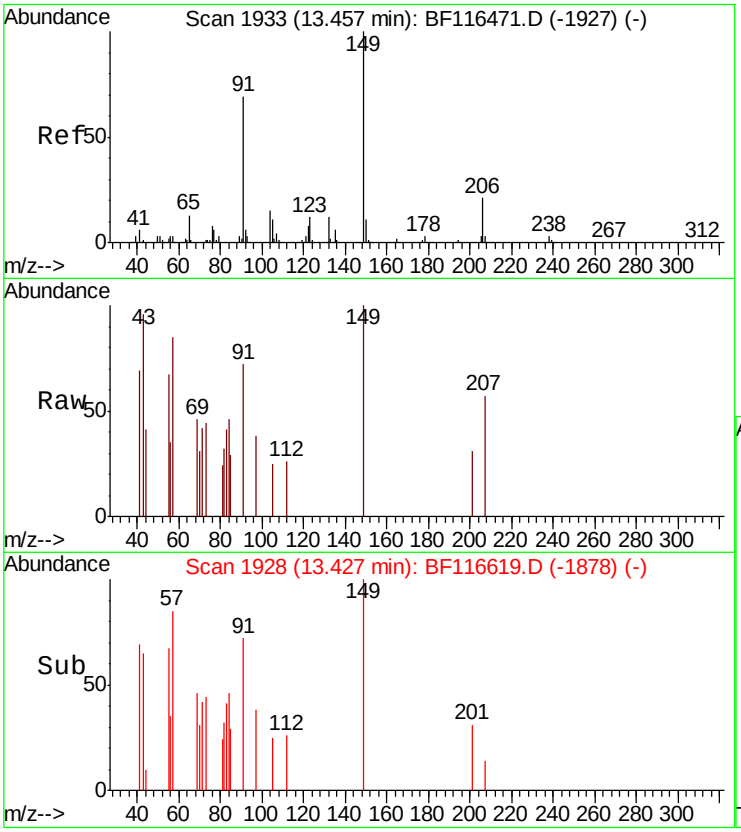


#79
Terphenyl-d14
Concen: 124.616 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:244 Resp: 6467

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	14.9	10.0	15.0



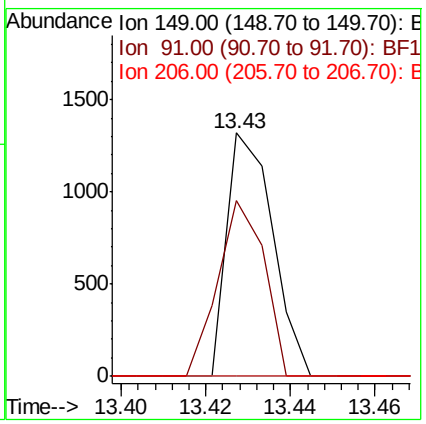


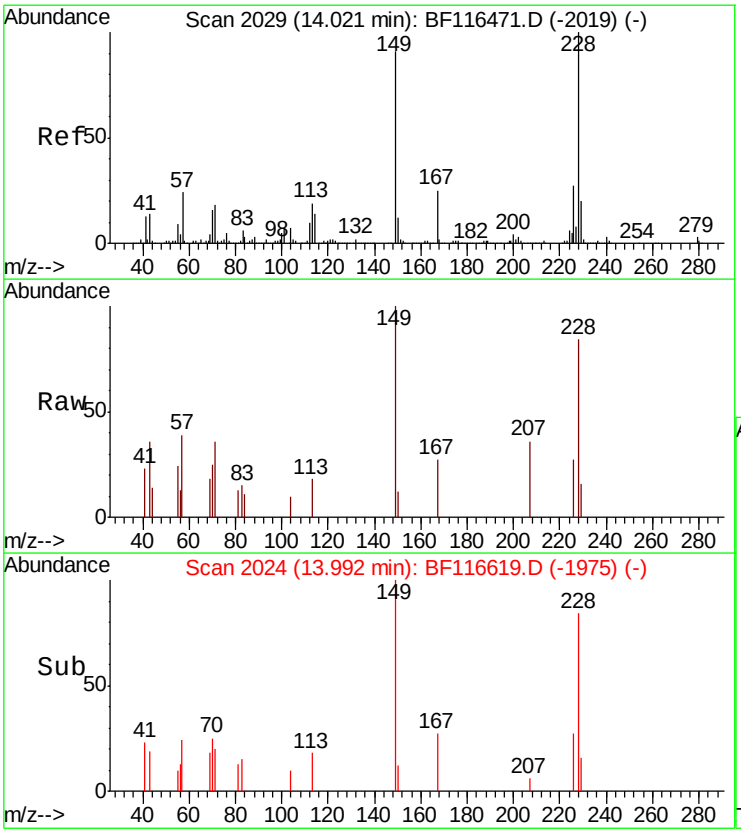
#80
Butylbenzylphthalate
Concen: 32.957 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 991

Ion	Ratio	Lower	Upper
149	100		
91	72.1	57.9	86.9
206	0.0	16.2	24.4#

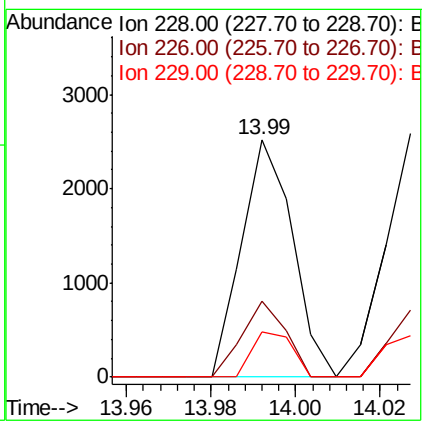


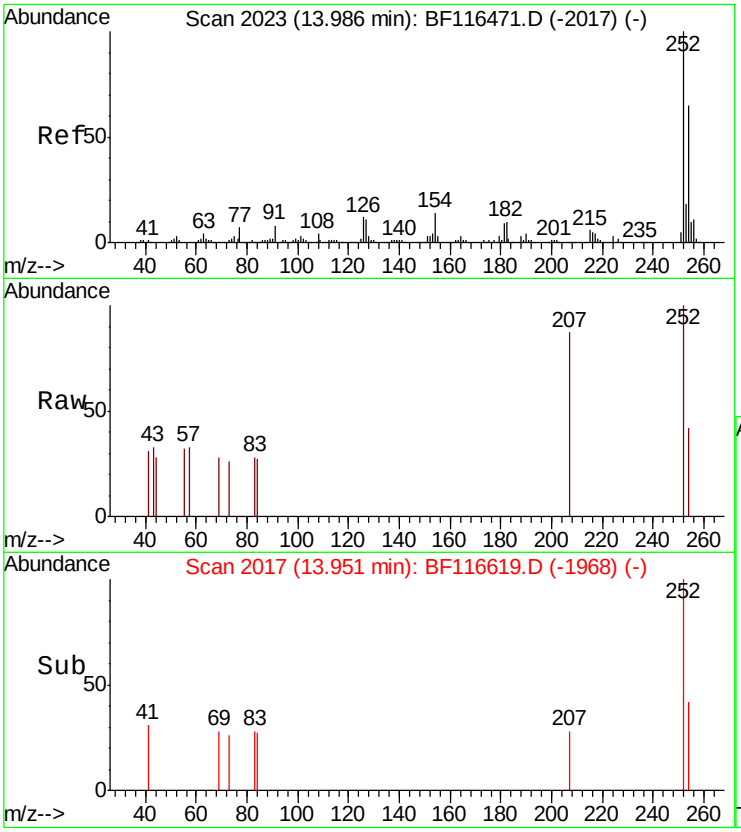


#81
Benzo(a)anthracene
Concen: 37.818 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:228 Resp: 2128

Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.5	32.3
229	19.1	15.4	23.0



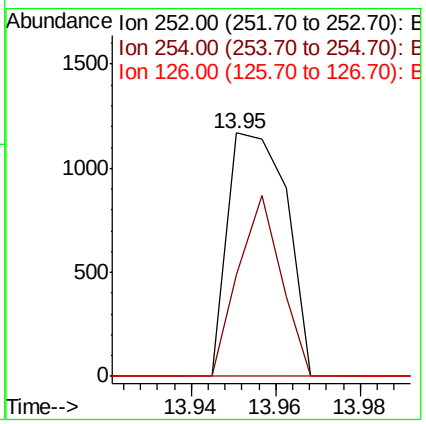


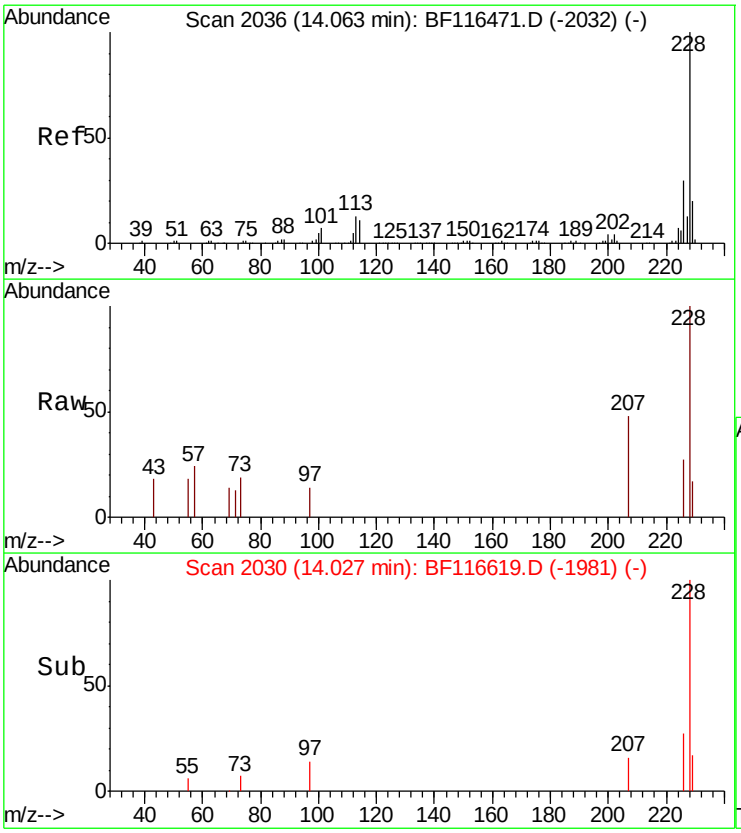
#82
3,3'-Dichlorobenzidine
Concen: 61.985 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1135

Ion	Ratio	Lower	Upper
252	100		
254	42.0	51.9	77.9#
126	0.0	8.7	13.1#

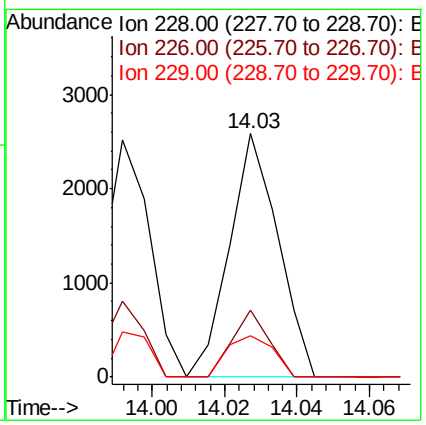


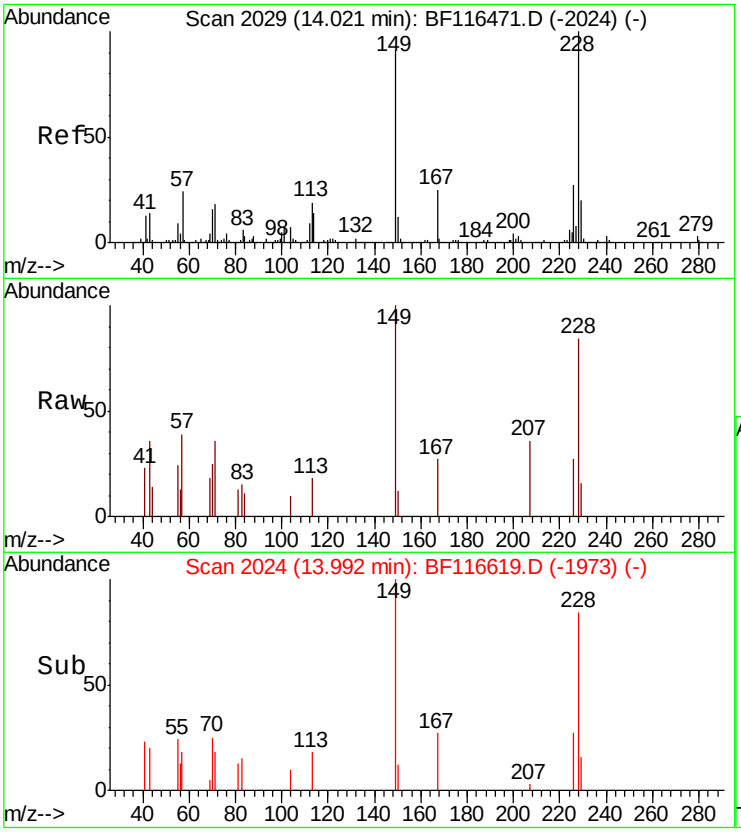


#83
Chrysene
Concen: 43.749 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:228 Resp: 2410

Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	17.1	15.8	23.8



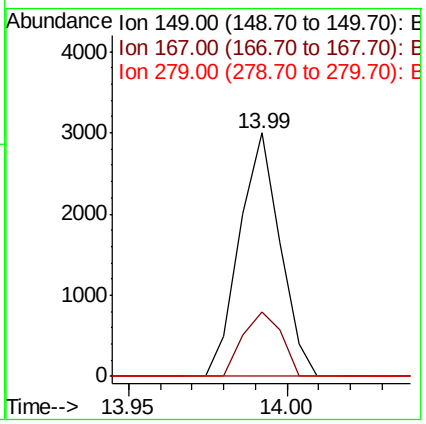


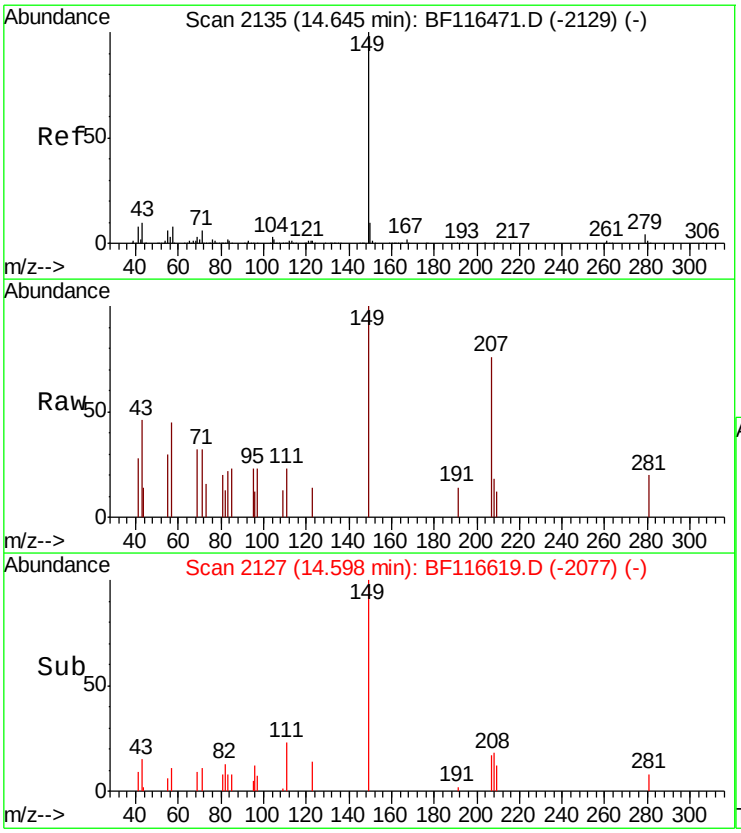
#84
Bis(2-ethylhexyl)phthalate
Concen: 75.577 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2665

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.2	31.8
279	0.0	2.7	4.1#

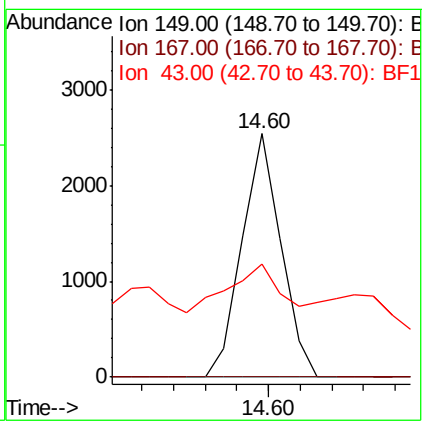


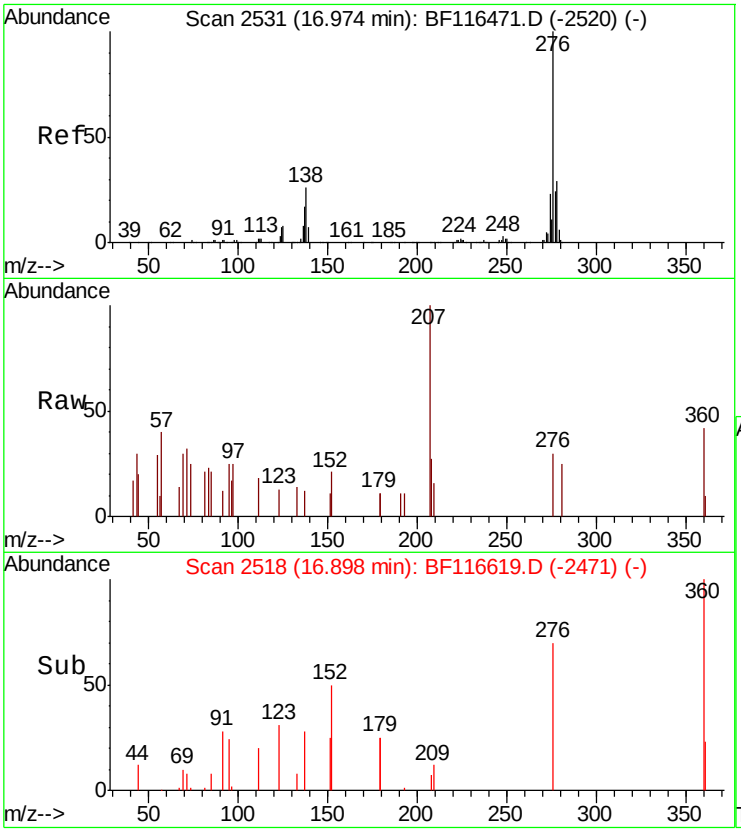


#85
Di-n-octyl phthalate
Concen: 42.036 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:149 Resp: 2162

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	7.4	11.0#



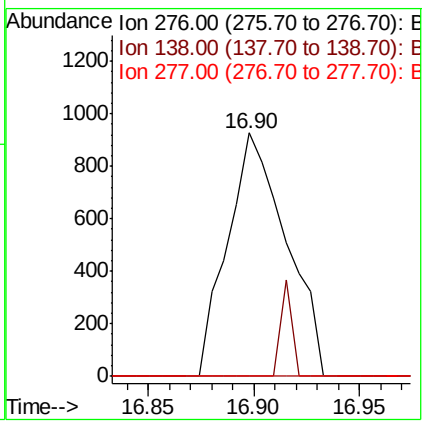


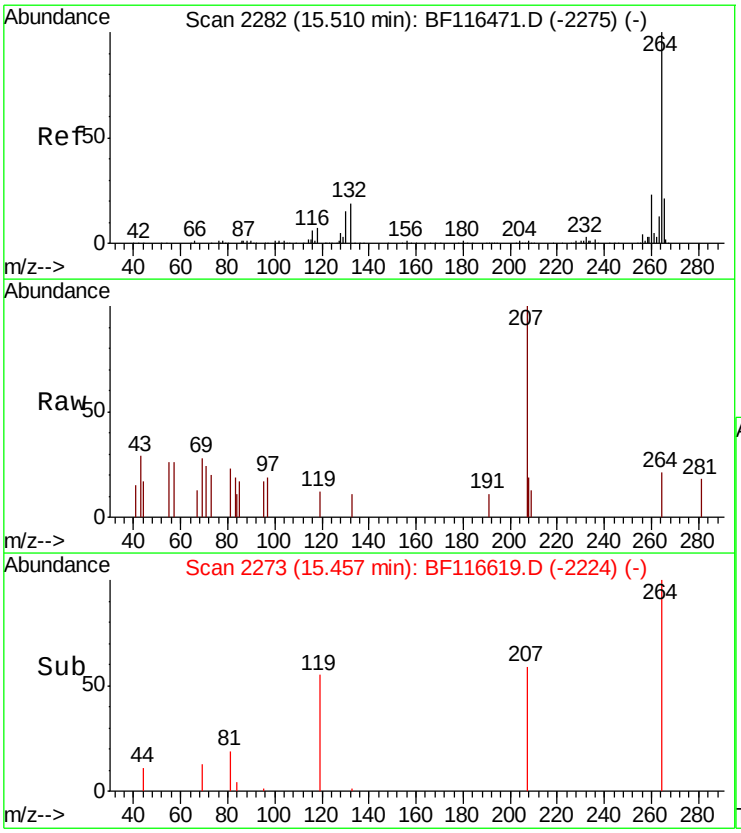
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.827 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1787

Ion	Ratio	Lower	Upper
276	100		
138	7.3	21.5	32.3#
277	0.0	20.0	30.0#

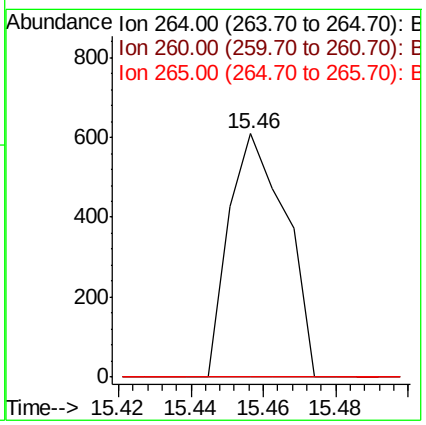


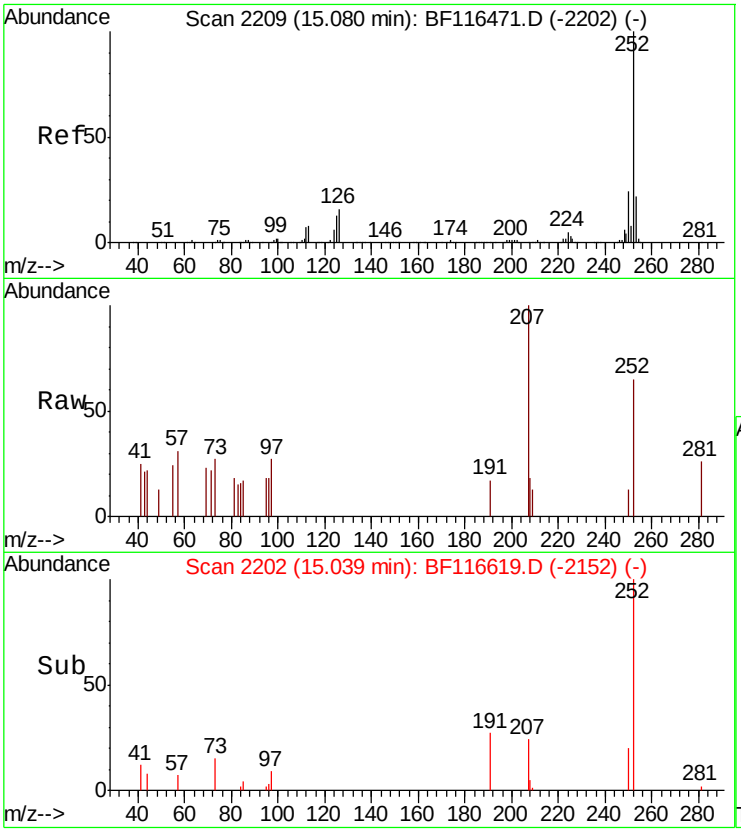


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:264 Resp: 663

Ion	Ratio	Lower	Upper
264	100		
260	0.0	20.0	30.0#
265	0.0	17.6	26.4#



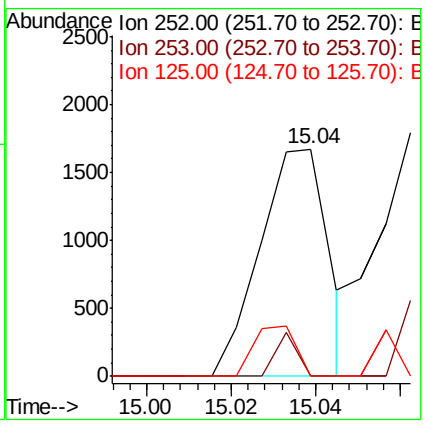


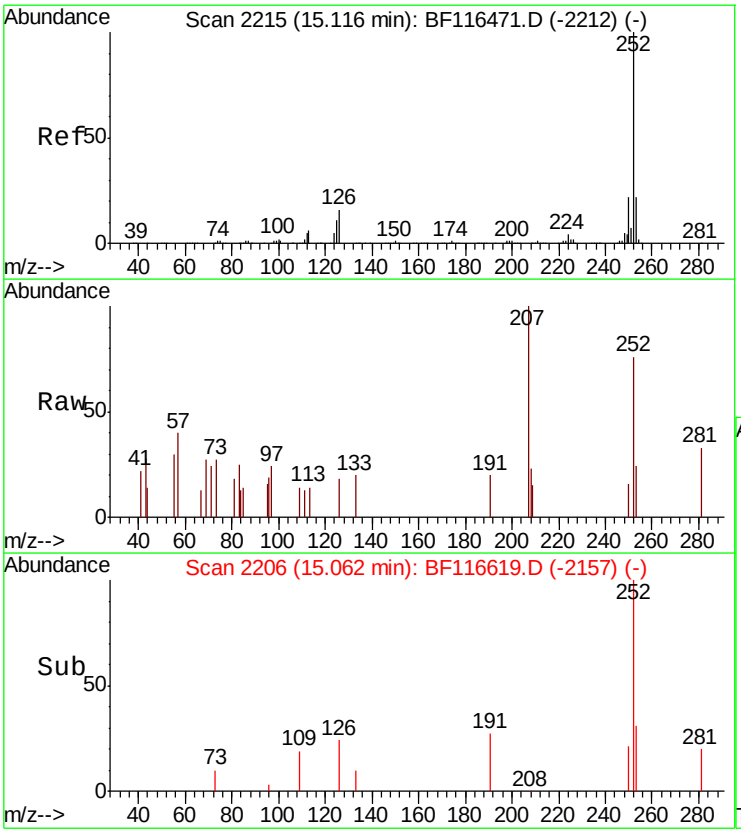
#88
Benzo(b)fluoranthene
Concen: 46.052 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1875

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	0.0	9.0	13.6#

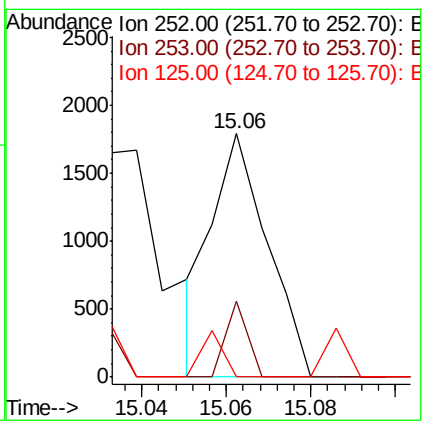


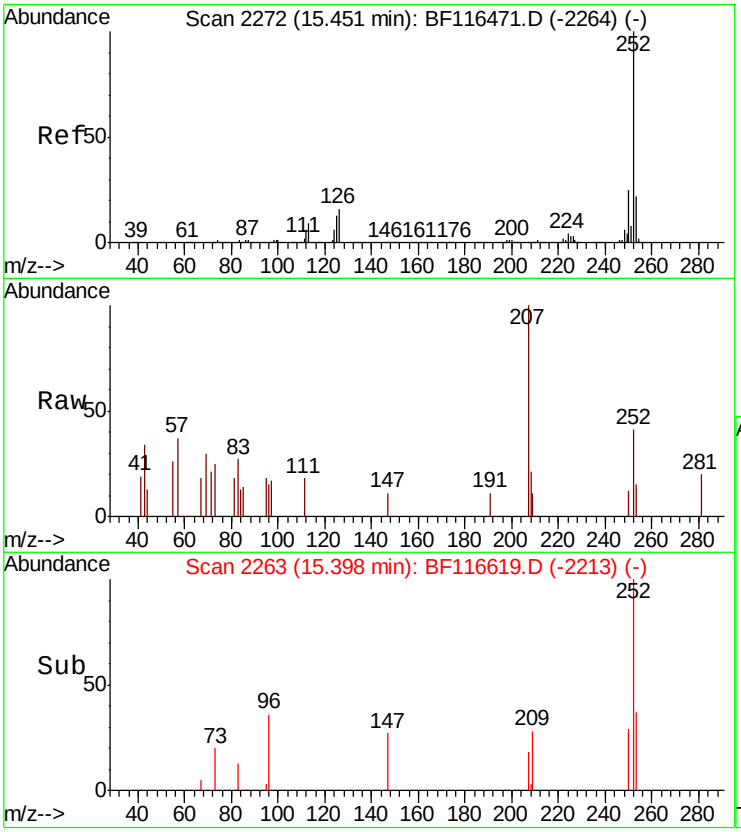


#89
Benzo(k)fluoranthene
Concen: 42.195 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:252 Resp: 1633

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.2	25.8#
125	0.0	8.6	13.0#



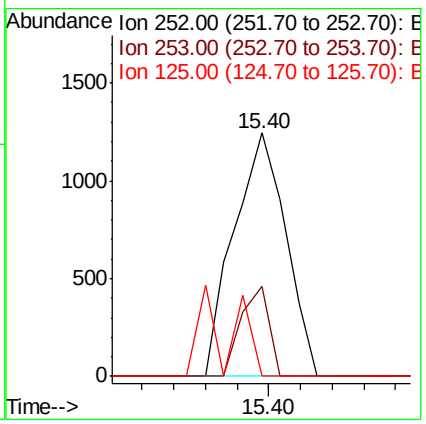


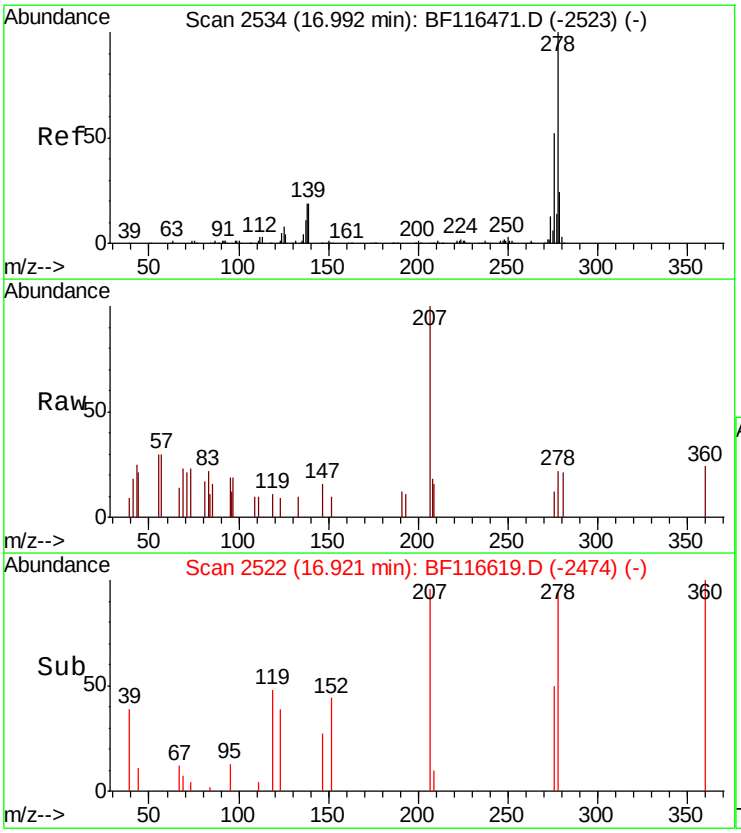
#90
Benzo(a)pyrene
Concen: 38.885 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1413

Ion	Ratio	Lower	Upper
252	100		
253	36.9	17.4	26.0#
125	0.0	10.6	16.0#

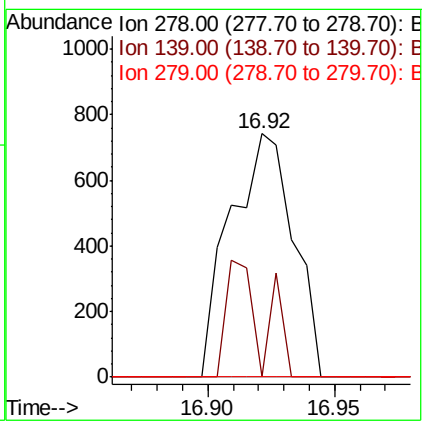


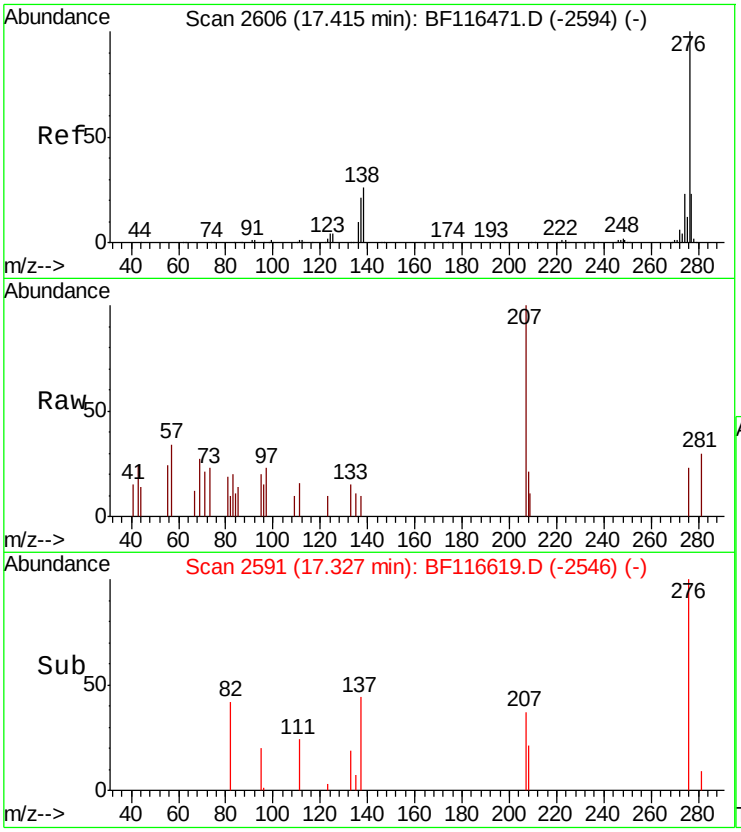


#91
Dibenzo(a,h)anthracene
Concen: 37.958 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.02 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:278 Resp: 1287

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.1	21.1#
279	0.0	19.5	29.3#





#92
Benzo(g,h,i)perylene
Concen: 41.241 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.04 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1454

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.4#
138	0.0	18.2	27.2#