Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
Data File : BE098606.D
Acq On : 2 Jan 2019 13:58
Operator : SJ/JU
Sample : J6590-03DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 02 15:58:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1139	0.40	ng		0.01
7) Naphthalene-d8	10.63	136	4817	0.40	ng		0.02
13) Acenaphthene-d10	14.49	164	3176	0.40	ng		0.02
19) Phenanthrene-d10	17.23	188	6852	0.40	ng		0.01
27) Chrysene-d12	21.43	240	9187	0.40	ng		0.02
34) Perylene-d12	23.96	264	7732	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	430	0.16	ng		0.03
5) Phenol-d6	7.00	99	806	0.21	ng		0.01
8) Nitrobenzene-d5	8.98	82	839	0.19	ng		0.02
11) 2-Methylnaphthalene-d10	12.22	152	1204	0.15	ng		0.02
14) 2,4,6-Tribromophenol	15.99	330	224	0.19	ng		0.02
15) 2-Fluorobiphenyl	13.10	172	1566	0.12	ng		0.02
25) Fluoranthene-d10	19.27	212	11843	0.13	ng		0.02
29) Terphenyl-d14	19.87	244	2636	0.12	ng		0.02
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.28	93	96	0.027	ng	#	1
9) Naphthalene	10.67	128	5879	0.121	ng	#	93
12) 2-Methylnaphthalene	12.30	142	883	0.112	ng	#	91
16) Acenaphthylene	14.21	152	4665	0.314	ng		96
17) Acenaphthene	14.56	154	884	0.099	ng		93
18) Fluorene	15.53	166	2677	0.224	ng	#	88
22) Pentachlorophenol	16.95	266	120	0.207	ng	#	75
23) Phenanthrene	17.37	178	7670	0.461	ng		98
24) Anthracene	17.37	178	7365	0.496	ng		98
26) Fluoranthene	19.30	202	82963	3.766	ng	#	97
28) Pyrene	19.66	202	73183	2.539	ng	#	92
30) Benzo(a)anthracene	21.41	228	49337	1.886	ng	#	84
31) Chrysene	21.46	228	40384	1.474	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.33	149	62937	1.185	ng	#	95
33) Indeno(1,2,3-cd)pyrene	26.62	276	22511	0.826	ng	#	91
35) Benzo(b)fluoranthene	23.19	252	54085	2.558	ng	#	1
36) Benzo(k)fluoranthene	23.19	252	54083	2.196	ng	#	1
37) Benzo(a)pyrene	23.85	252	36524	1.674	ng	#	1
38) Dibenzo(a,h)anthracene	26.64	278	5877	0.286	ng	#	1
39) Benzo(g,h,i)perylene	27.44	276	20675	0.998	ng	#	72

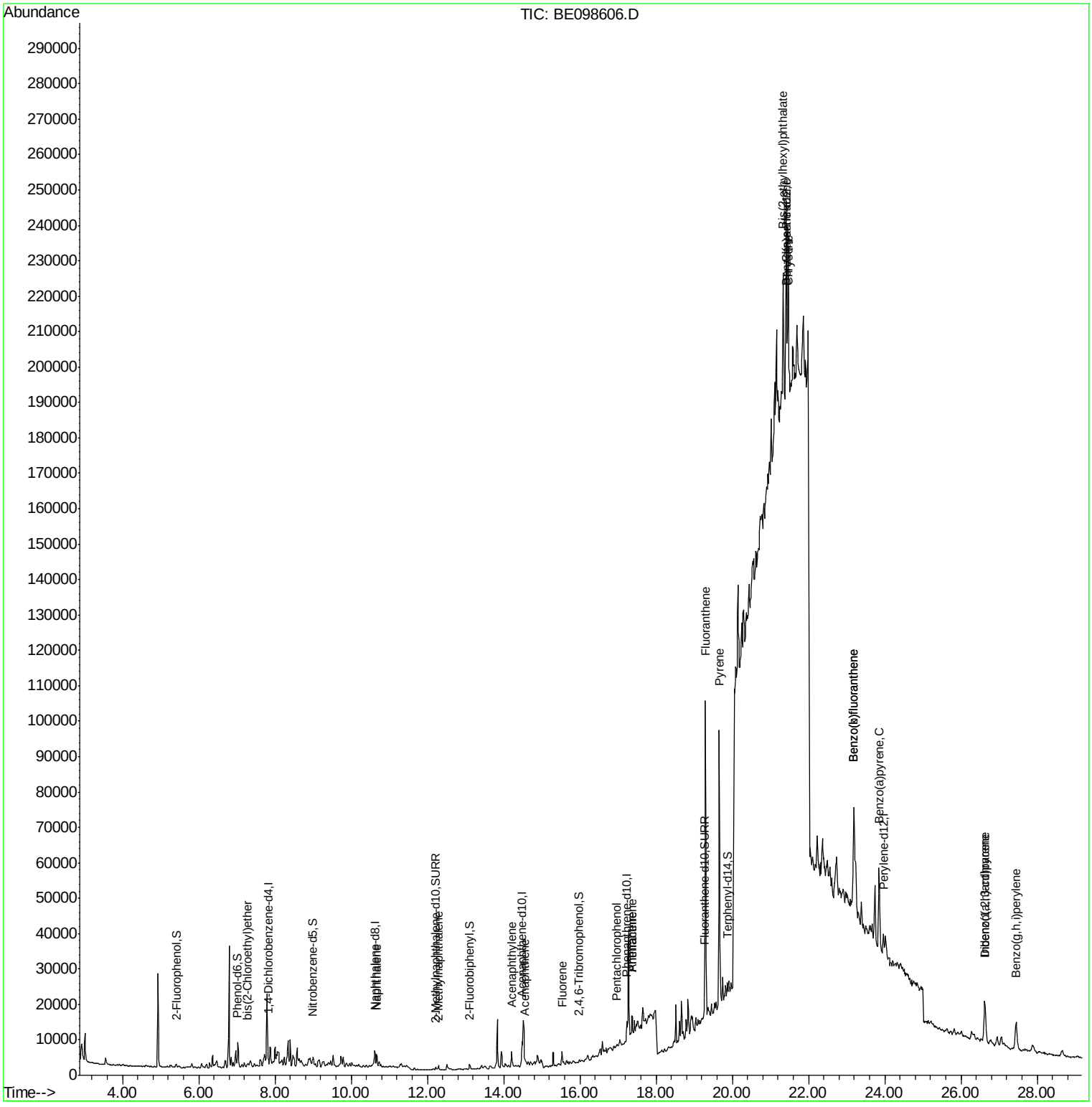
(#) = qualifier out of range (m) = manual integration (+) = signals summed

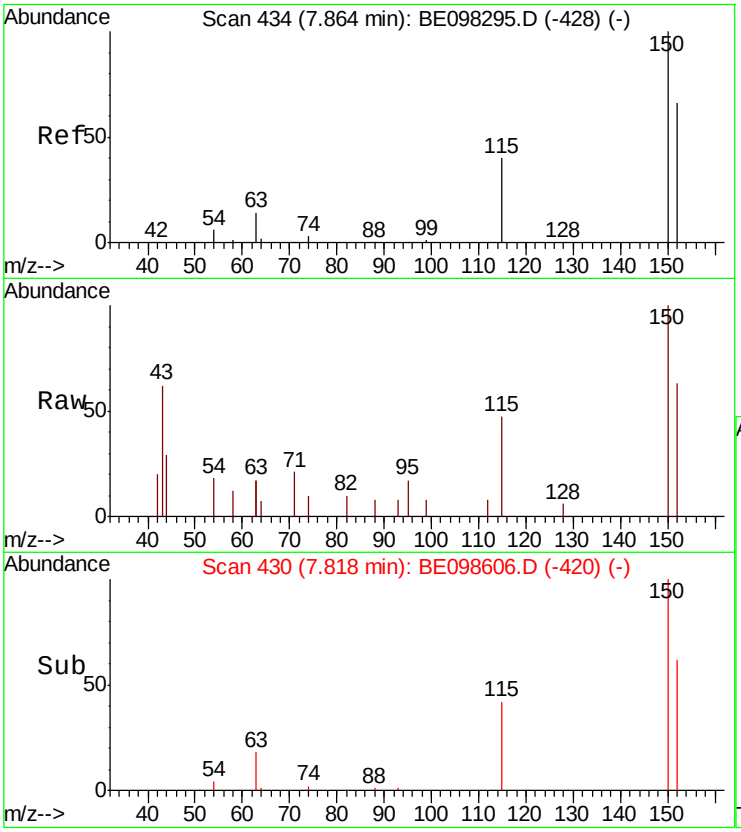
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
Data File : BE098606.D
Acq On : 2 Jan 2019 13:58
Operator : SJ/JU
Sample : J6590-03DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 02 15:58:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration

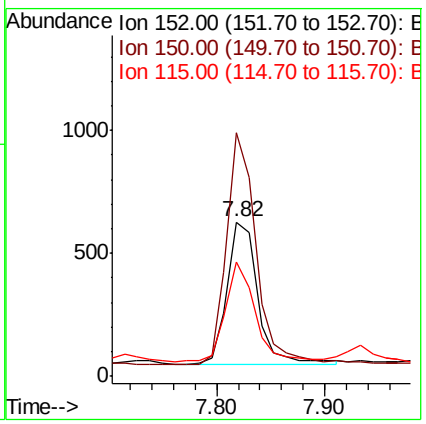




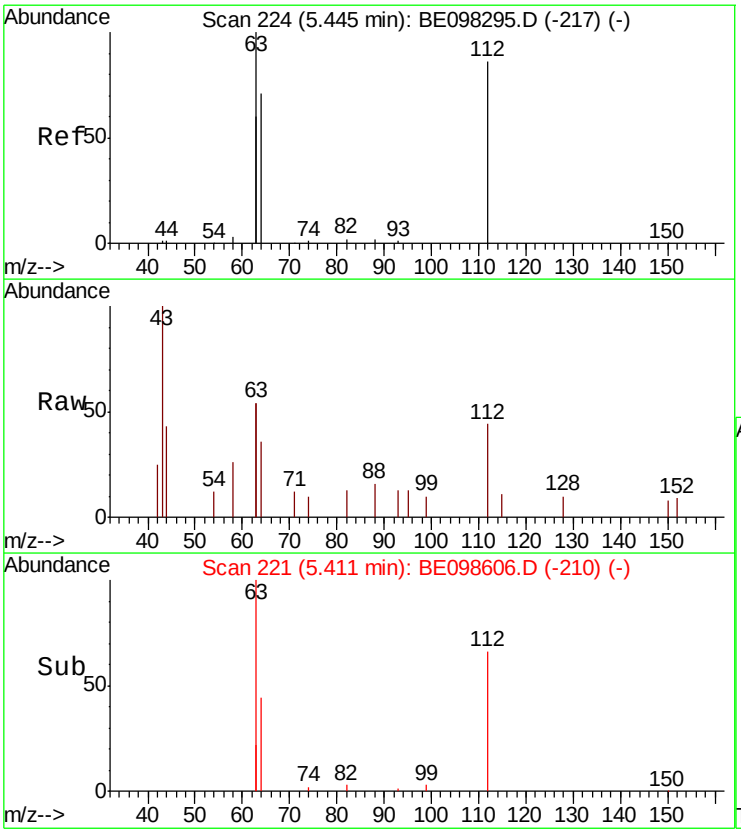
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.01 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:152 Resp: 1139

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.2	186.4
115	74.2	53.9	80.9



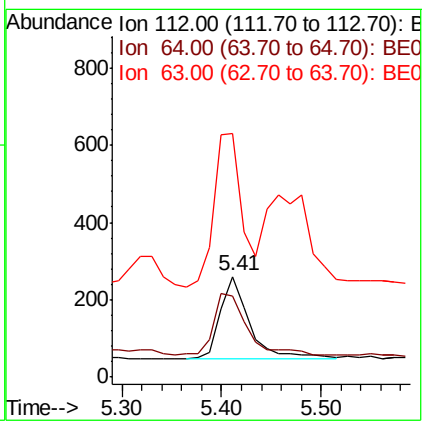
Instrument :
BNA_E
ClientSampleId :

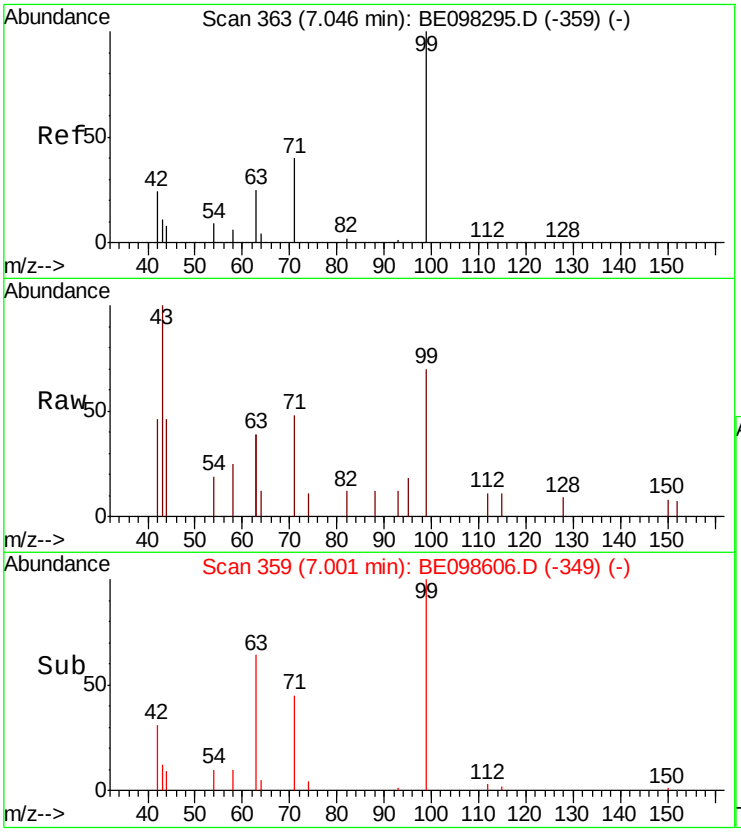


#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.03 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:112 Resp: 430

Ion	Ratio	Lower	Upper
112	100		
64	87.7	59.8	89.8
63	182.6	133.7	200.5



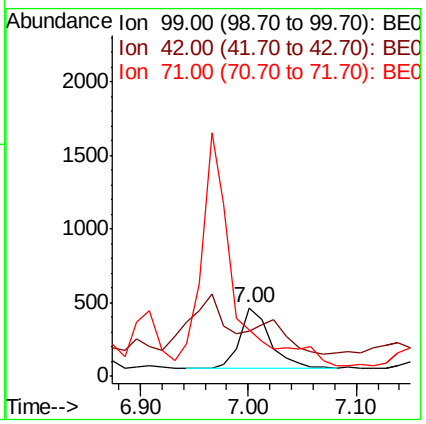


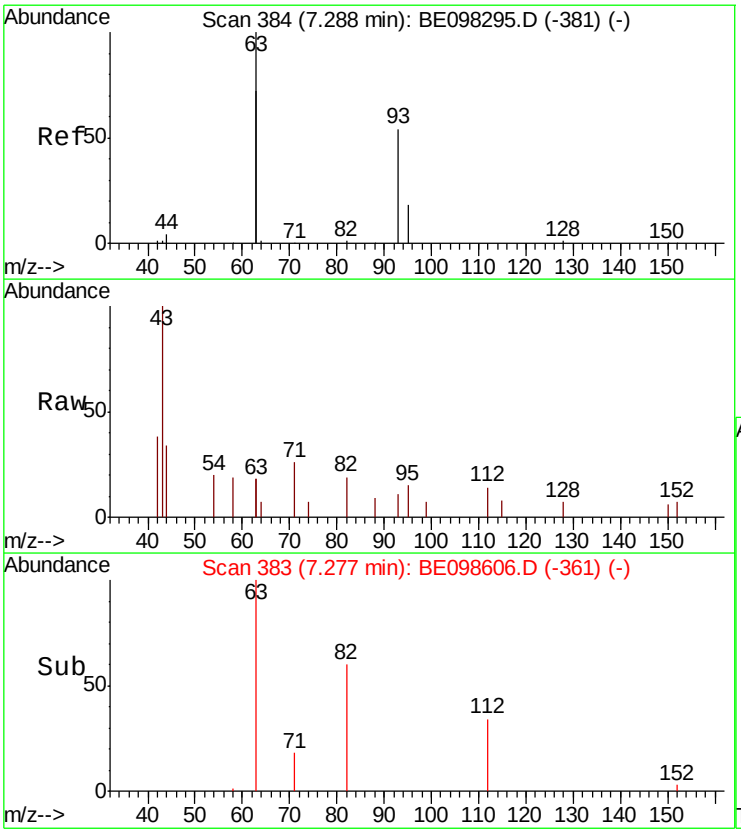
#5
Phenol-d6
Concen: 0.213 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 806

Ion	Ratio	Lower	Upper
99	100		
42	0.0	26.3	39.5#
71	0.0	33.6	50.4#

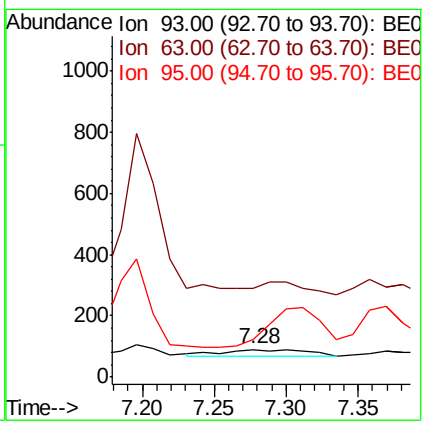


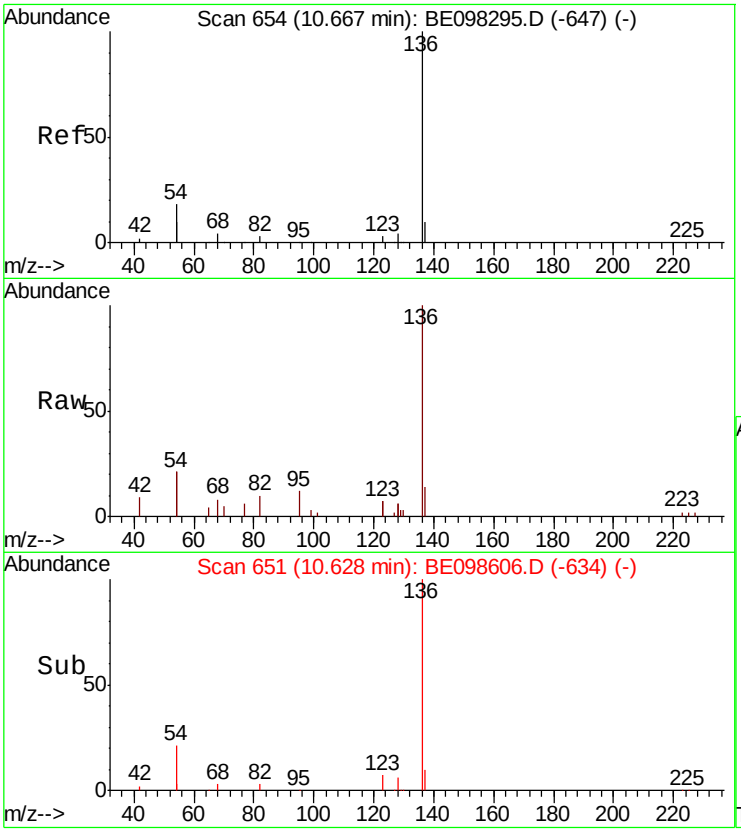


#6
bis(2-Chloroethyl)ether
Concen: 0.027 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.05 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion: 93 Resp: 96

Ion	Ratio	Lower	Upper
93	100		
63	105.2	264.4	396.6#
95	0.0	26.6	40.0#



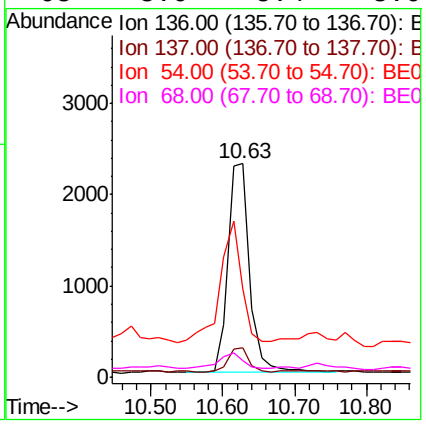


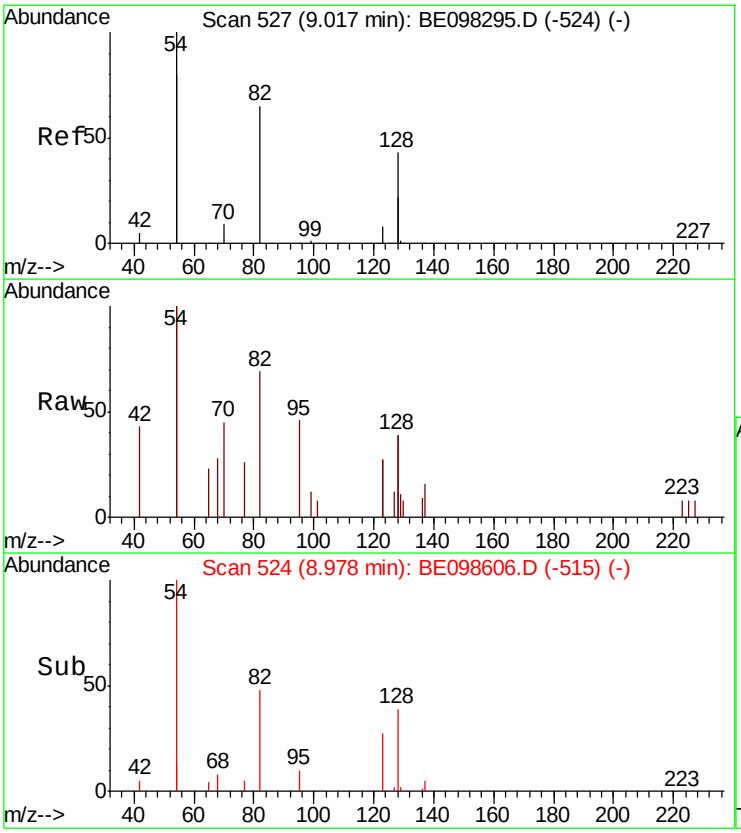
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4817

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.2	13.8
54	41.1	28.4	42.6
68	8.0	5.4	8.0

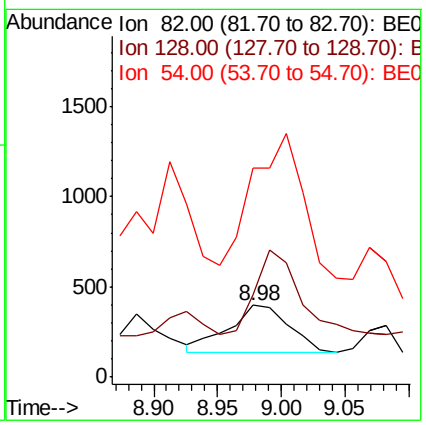


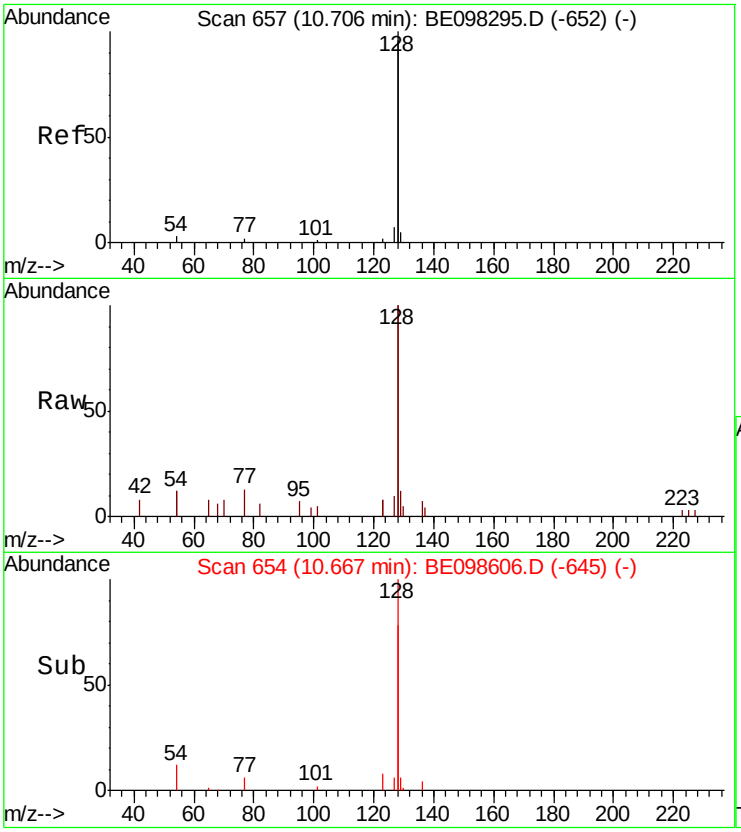


#8
Nitrobenzene-d5
Concen: 0.191 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion: 82 Resp: 839

Ion	Ratio	Lower	Upper
82	100		
128	114.3	102.4	153.6
54	289.7	221.8	332.8



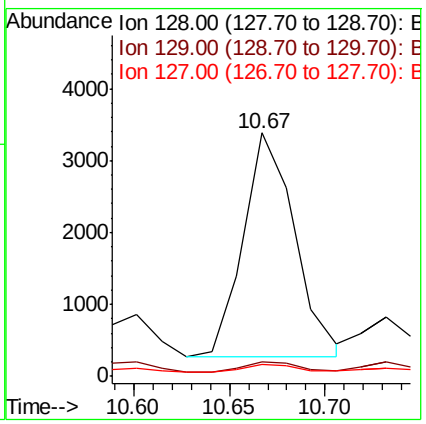


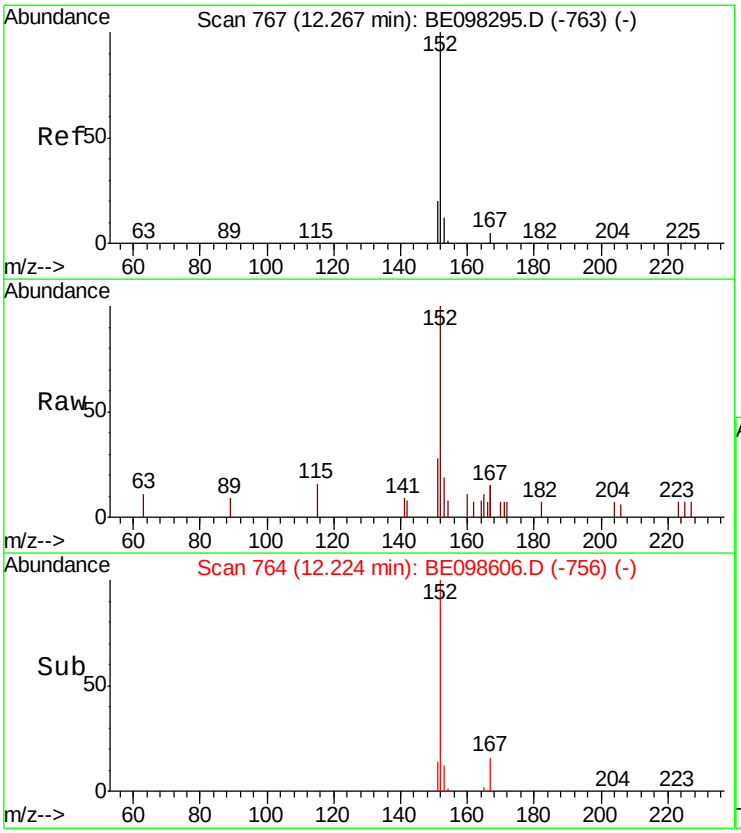
#9
Naphthalene
Concen: 0.121 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5879

Ion	Ratio	Lower	Upper
128	100		
129	5.8	2.5	3.7#
127	5.1	2.7	4.1#

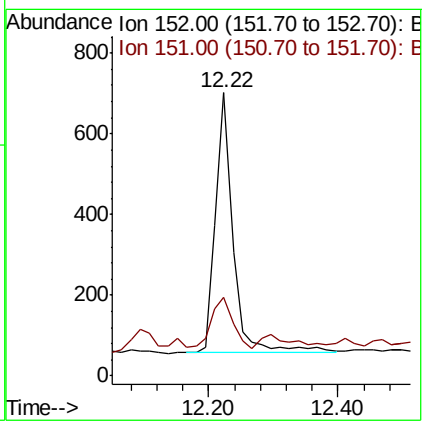


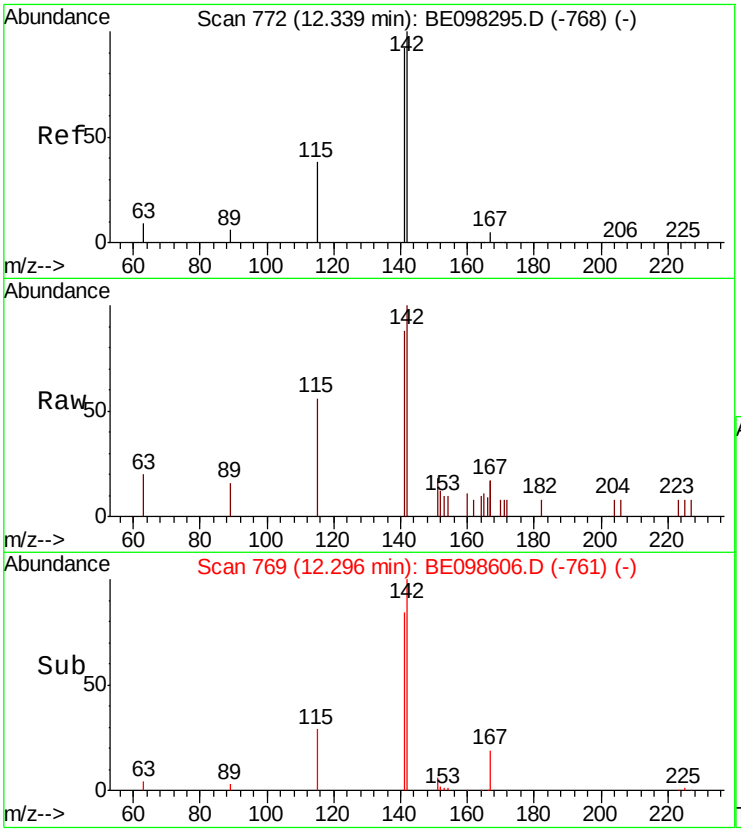


#11
2-Methylnaphthalene-d10
Concen: 0.154 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:152 Resp: 1204

Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.2	24.4



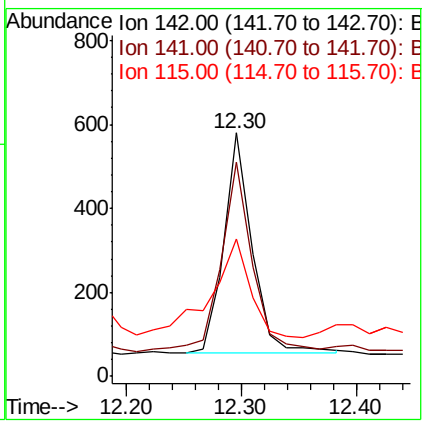


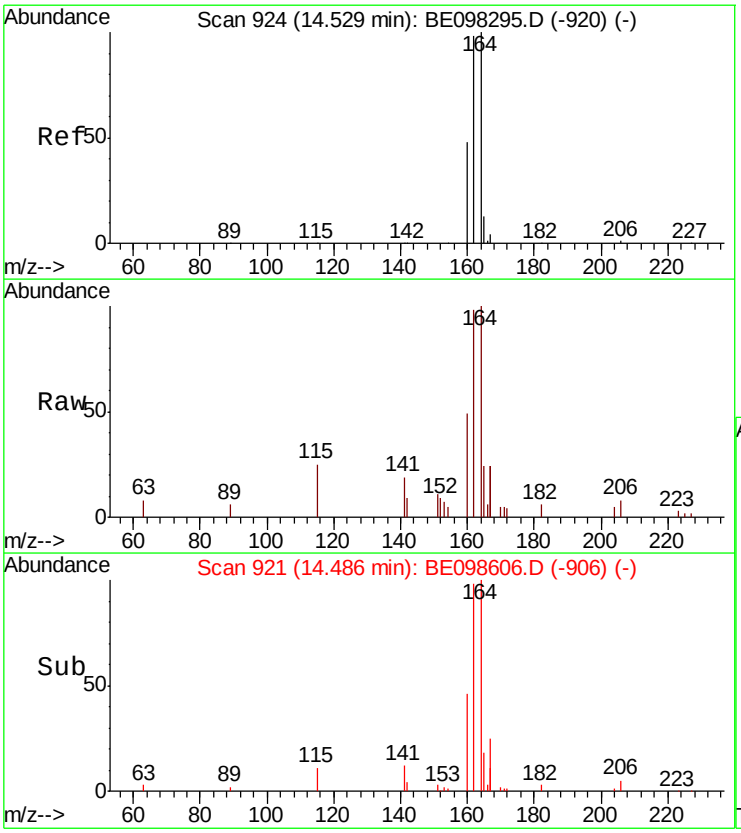
#12
2-Methylnaphthalene
Concen: 0.112 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 883

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.6
115	56.2	32.2	48.2#

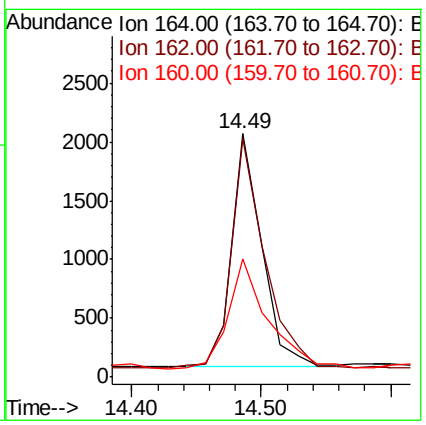


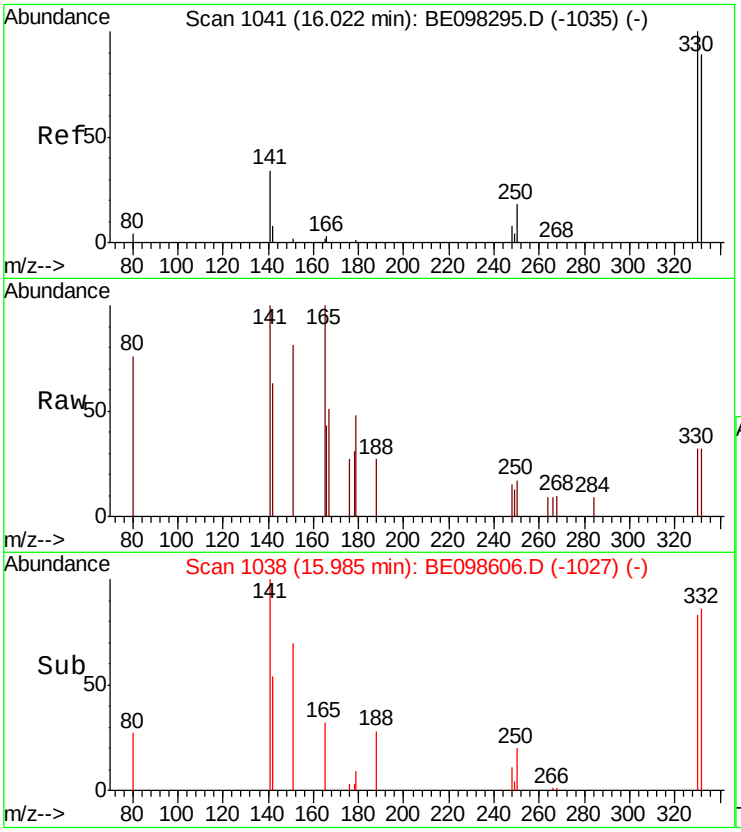


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:164 Resp: 3176

Ion	Ratio	Lower	Upper
164	100		
162	98.1	77.6	116.4
160	48.8	36.0	54.0



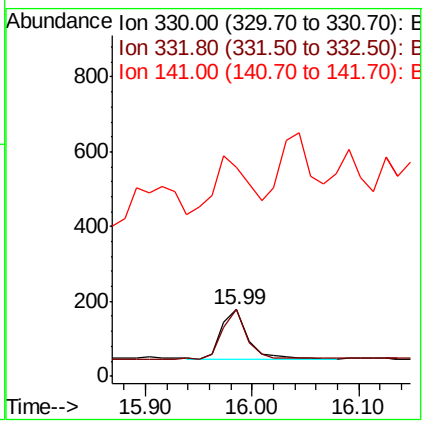


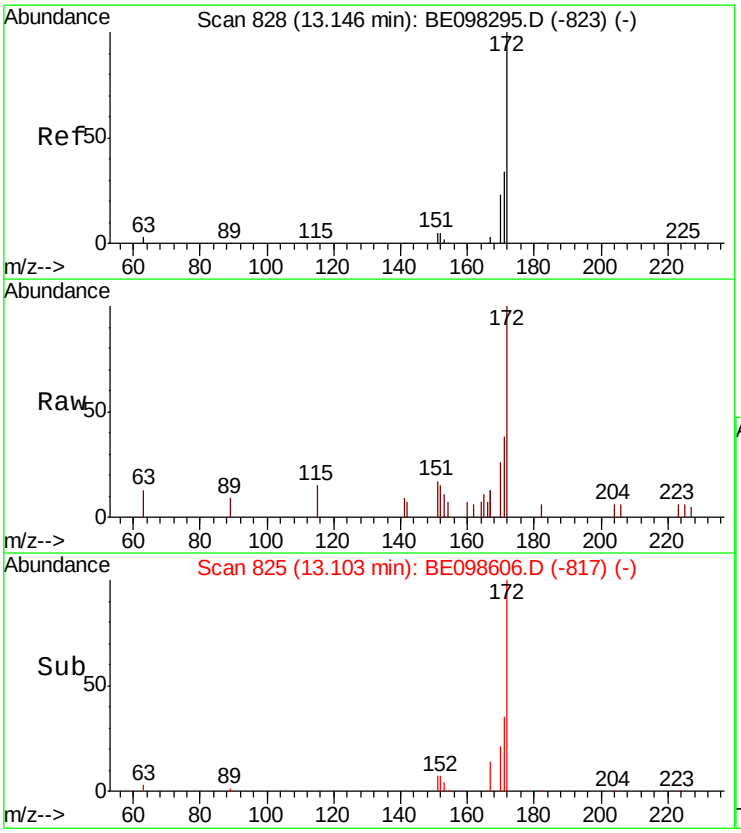
#14
2,4,6-Tribromophenol
Concen: 0.192 ng
RT: 15.99 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 224

Ion	Ratio	Lower	Upper
330	100		
332	101.3	76.2	114.4
141	146.9	39.0	58.4#

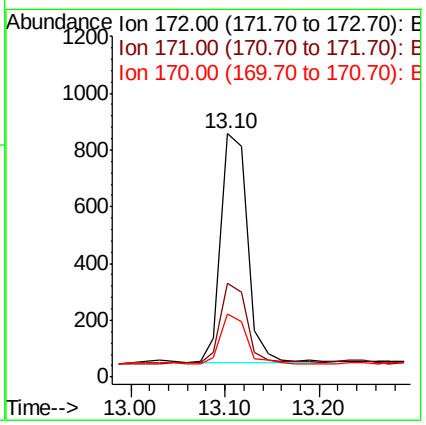


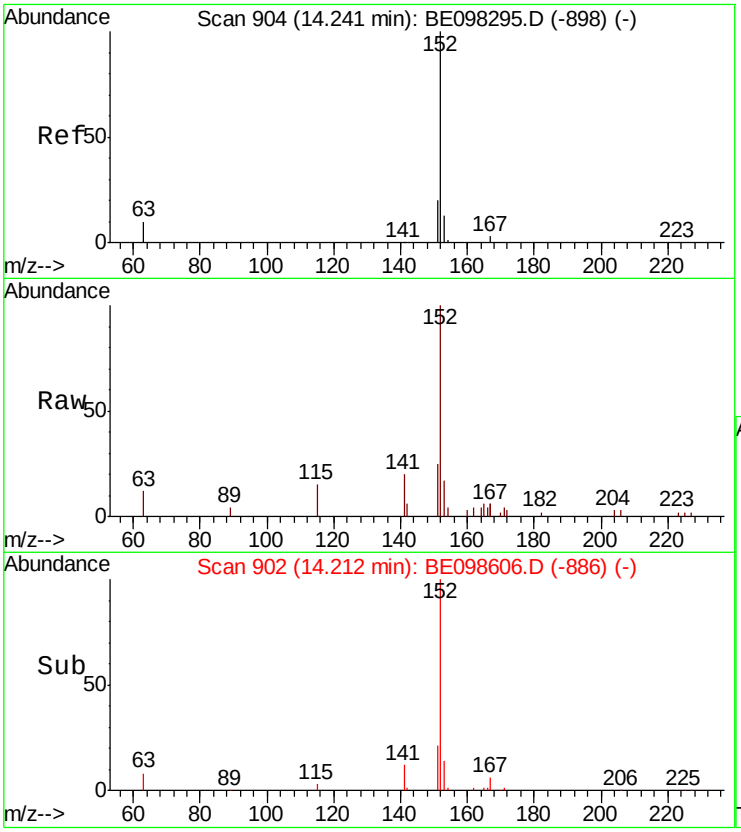


#15
2-Fluorobiphenyl
Concen: 0.117 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:172 Resp: 1566

Ion	Ratio	Lower	Upper
172	100		
171	38.3	27.5	41.3
170	25.6	19.6	29.4



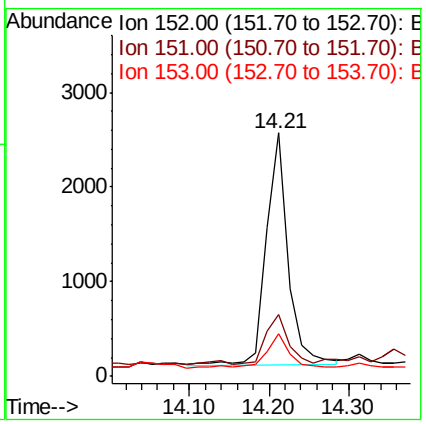


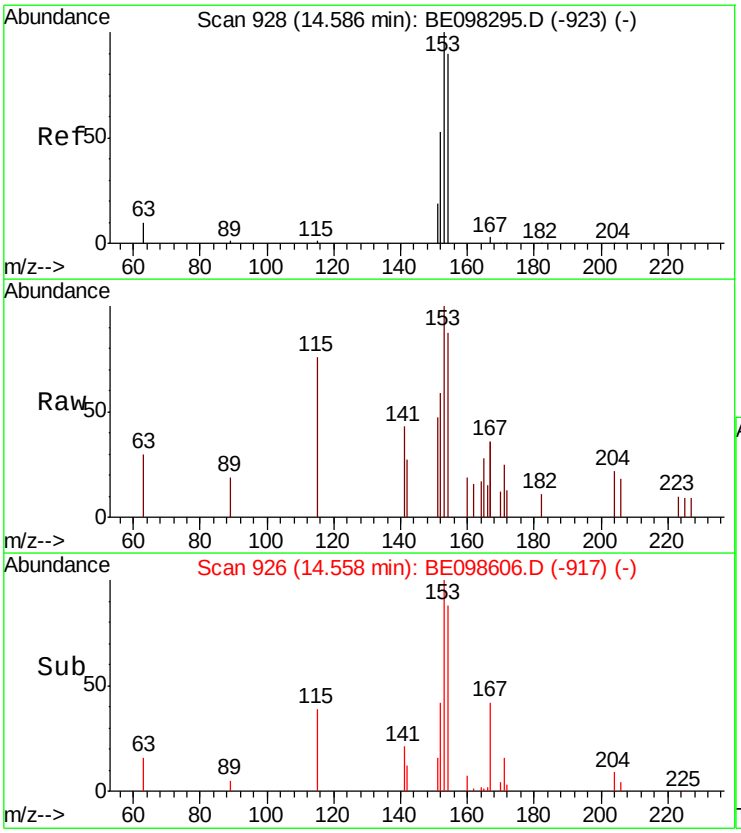
#16
Acenaphthylene
Concen: 0.314 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.03 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4665

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.5	23.3
153	14.4	10.6	16.0

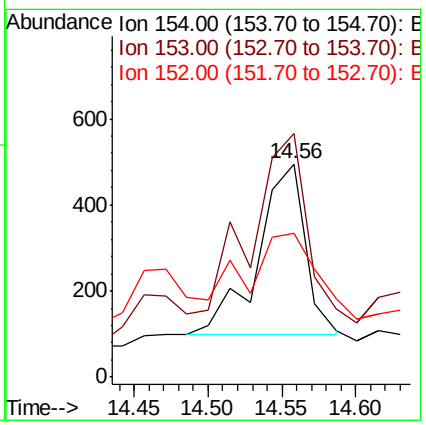


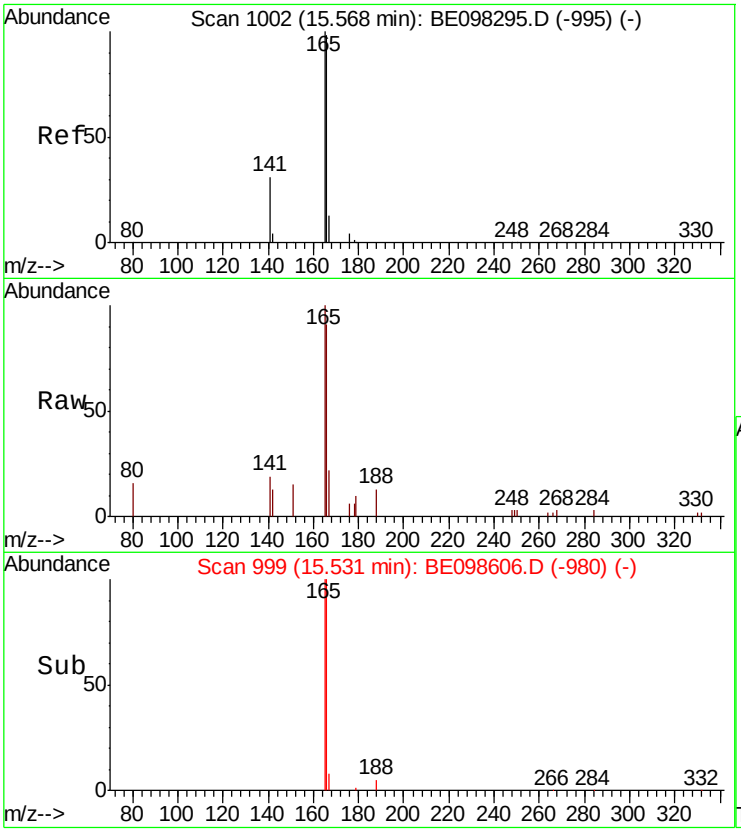


#17
Acenaphthene
Concen: 0.099 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.03 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:154 Resp: 884

Ion	Ratio	Lower	Upper
154	100		
153	118.8	91.8	137.6
152	47.3	45.5	68.3



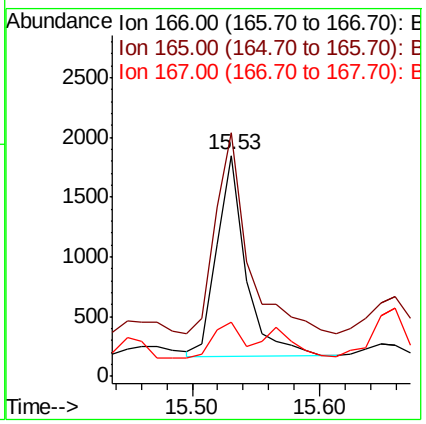


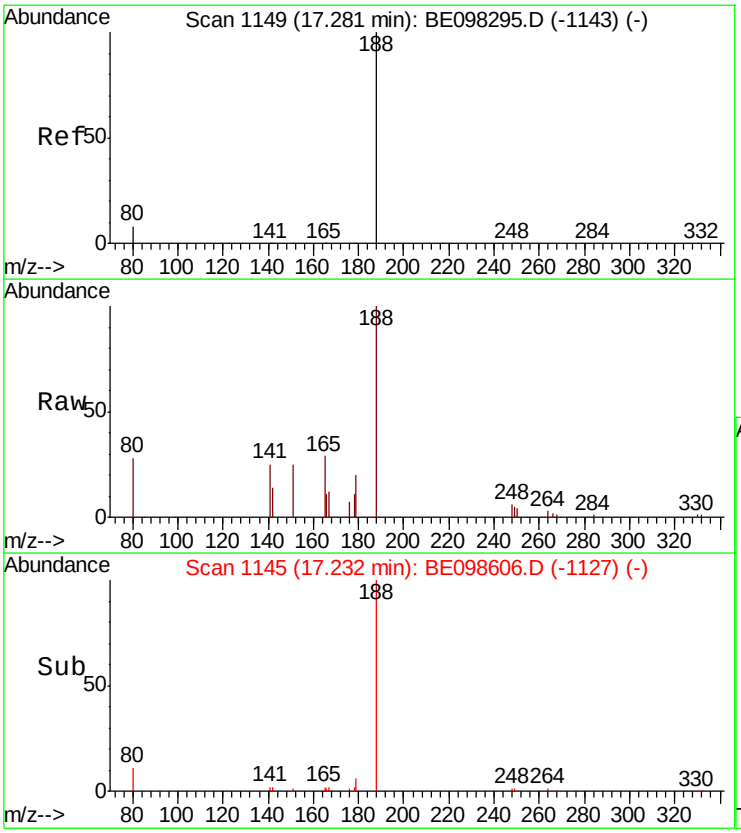
#18
Fluorene
Concen: 0.224 ng
RT: 15.53 min Scan# 999
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2677

Ion	Ratio	Lower	Upper
166	100		
165	111.1	79.3	118.9
167	17.7	11.3	16.9#

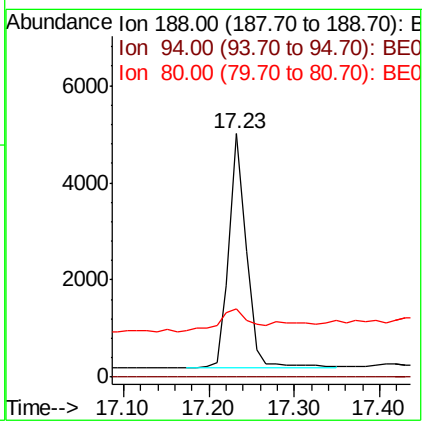


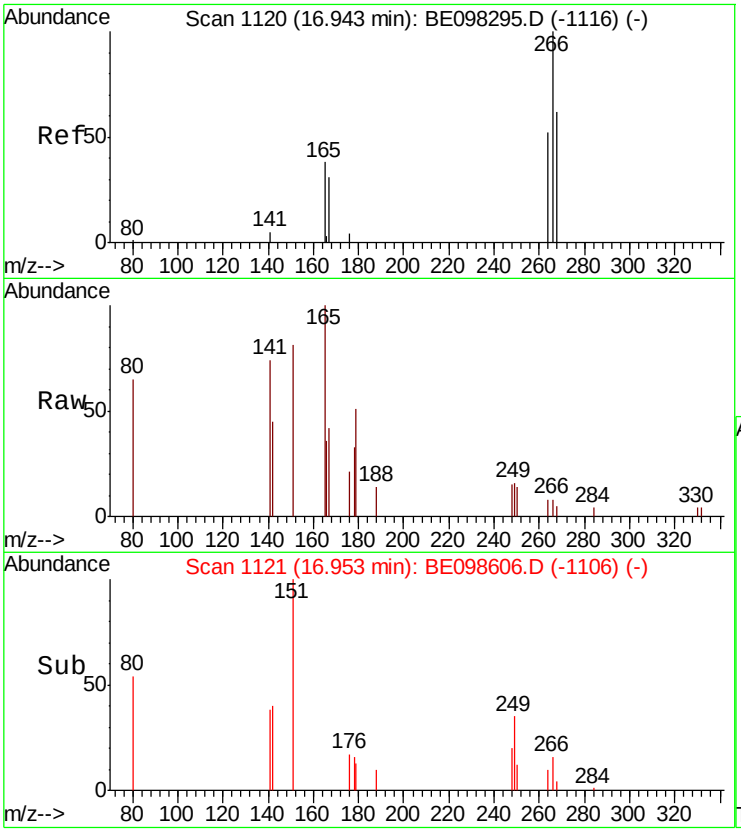


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:188 Resp: 6852

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	27.8	7.2	10.8#



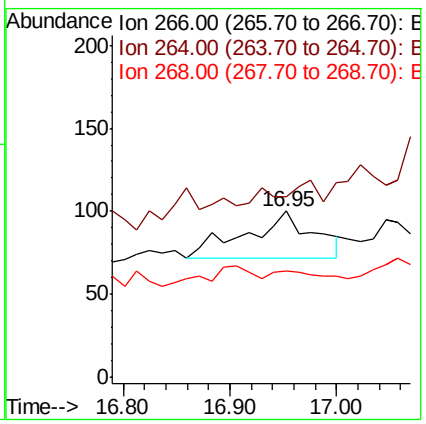


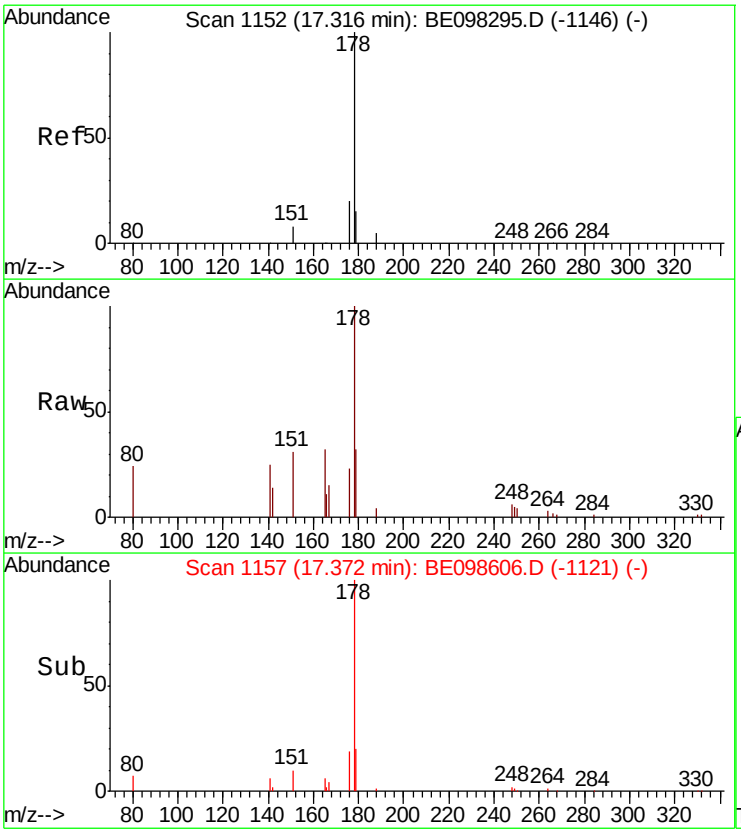
#22
Pentachlorophenol
Concen: 0.207 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.07 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 120

Ion	Ratio	Lower	Upper
266	100		
264	109.0	59.0	88.4#
268	64.0	55.1	82.7

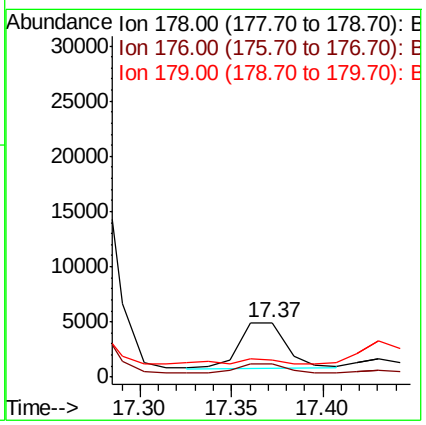


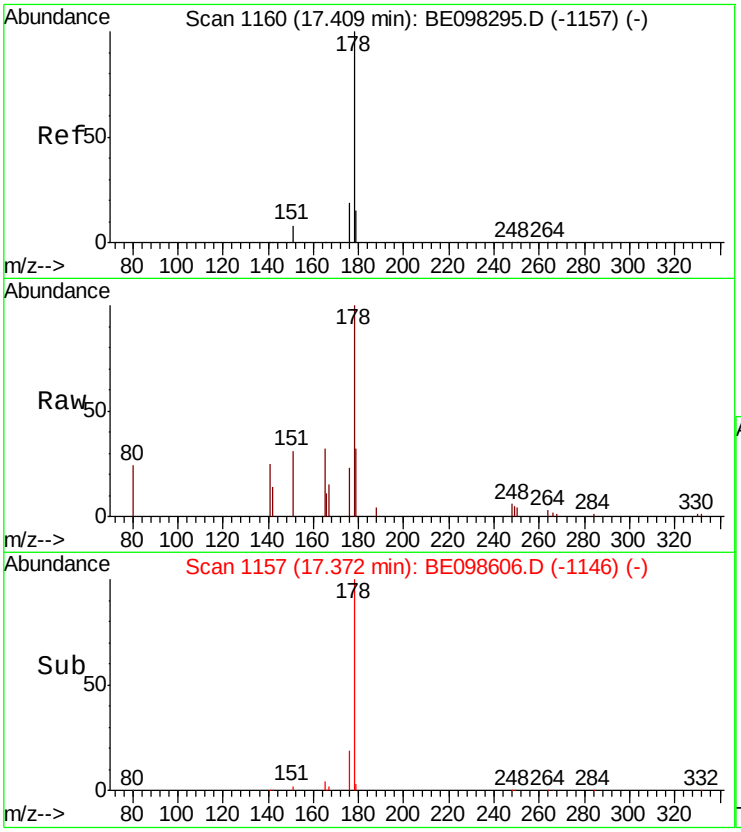


#23
Phenanthrene
Concen: 0.461 ng
RT: 17.37 min Scan# 1157
Delta R.T. 0.12 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:178 Resp: 7670

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.8	12.3	18.5



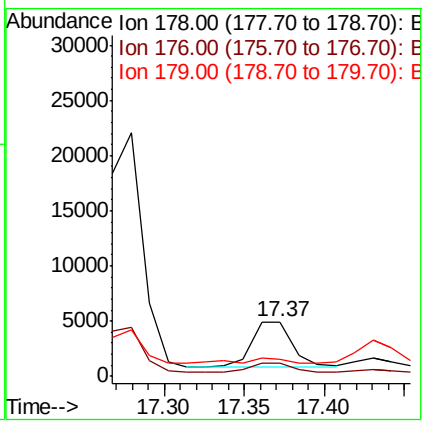


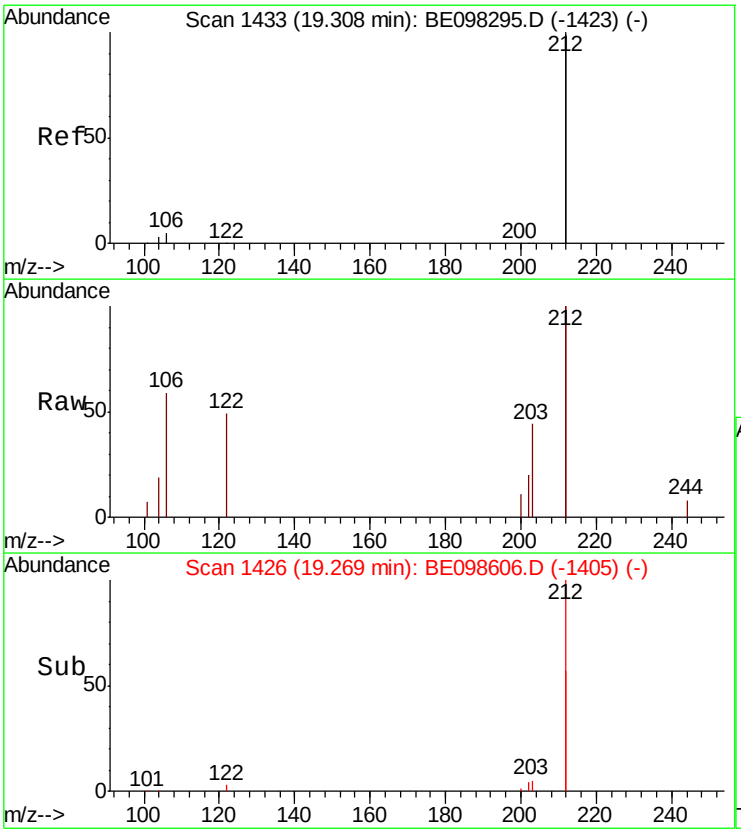
#24
Anthracene
Concen: 0.496 ng
RT: 17.37 min Scan# 1157
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7365

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	13.6	12.3	18.5

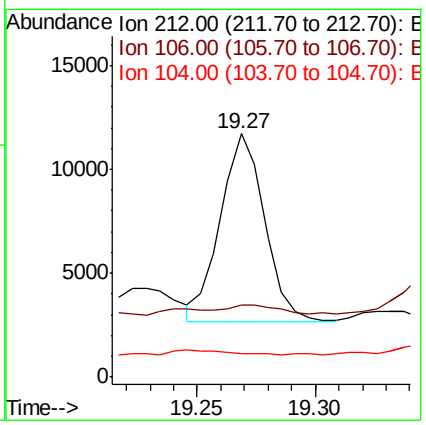


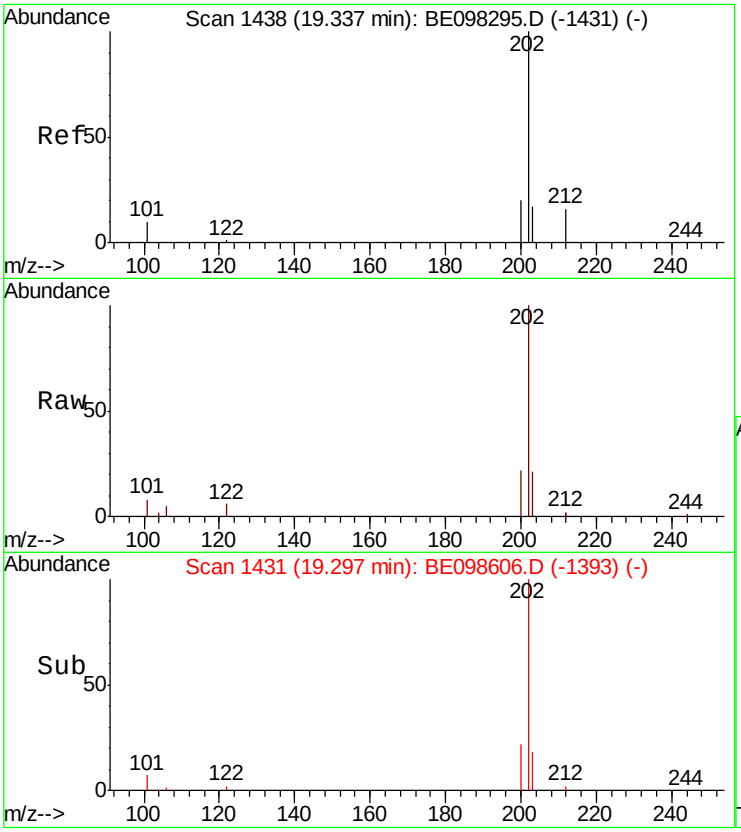


#25
Fluoranthene-d10
Concen: 0.135 ng
RT: 19.27 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:212 Resp: 11843

Ion	Ratio	Lower	Upper
212	100		
106	5.1	2.2	3.2#
104	0.0	1.3	1.9#



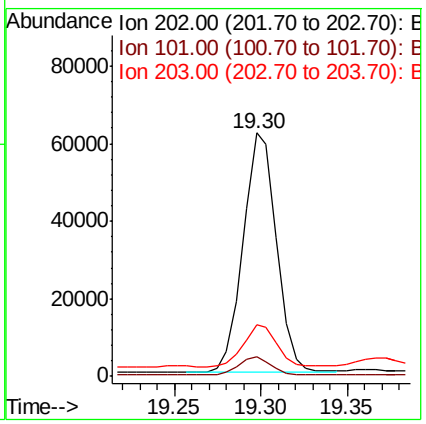


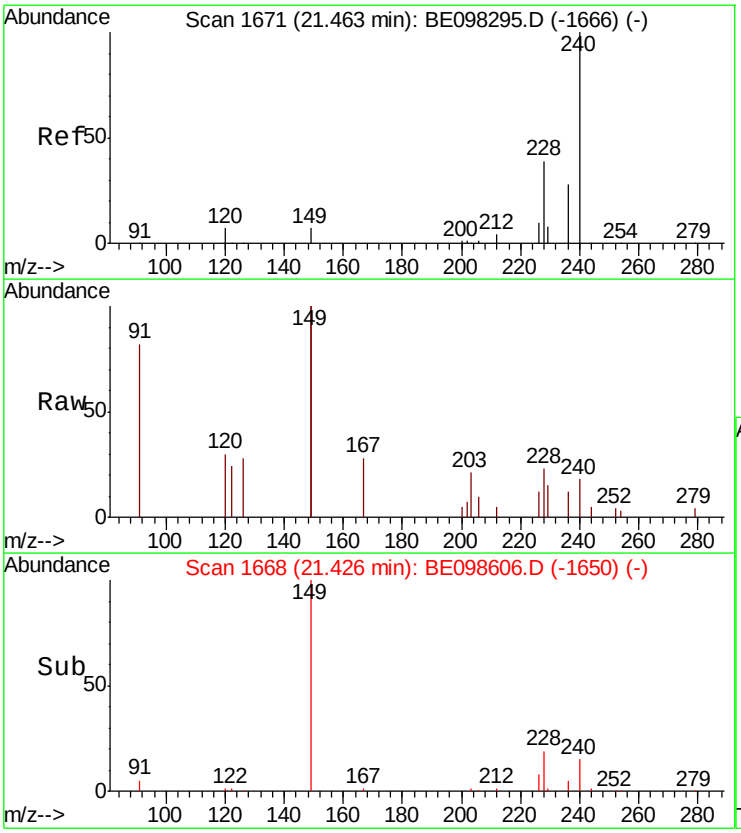
#26
Fluoranthene
Concen: 3.766 ng
RT: 19.30 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 82963

Ion	Ratio	Lower	Upper
202	100		
101	7.2	8.0	12.0#
203	17.1	13.8	20.6

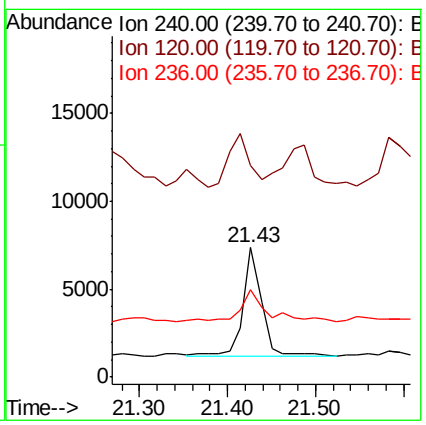


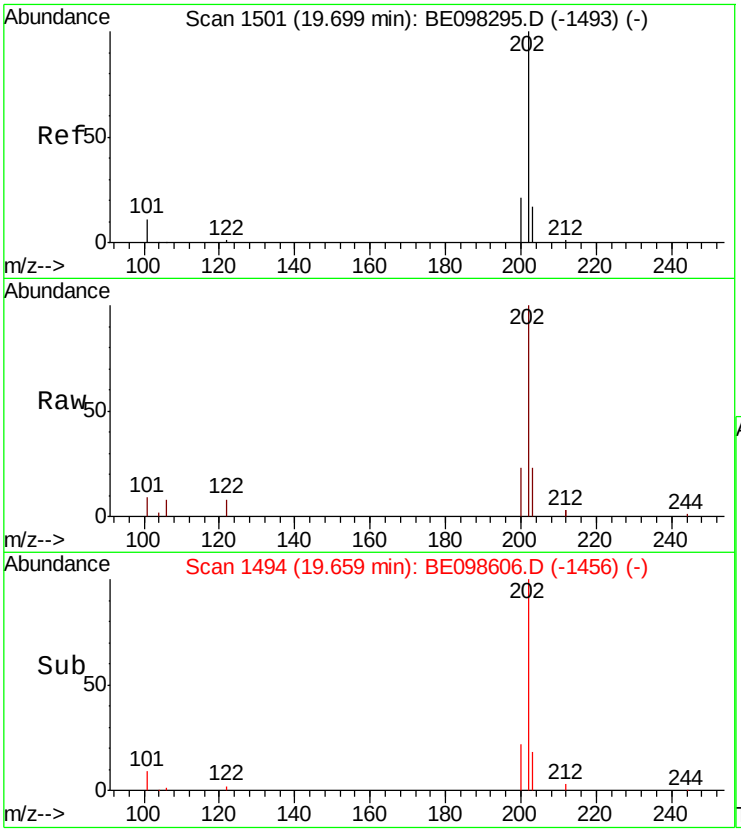


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:240 Resp: 9187

Ion	Ratio	Lower	Upper
240	100		
120	164.0	9.5	14.3#
236	67.9	22.7	34.1#



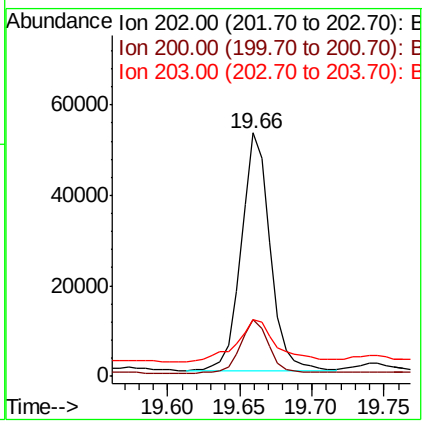


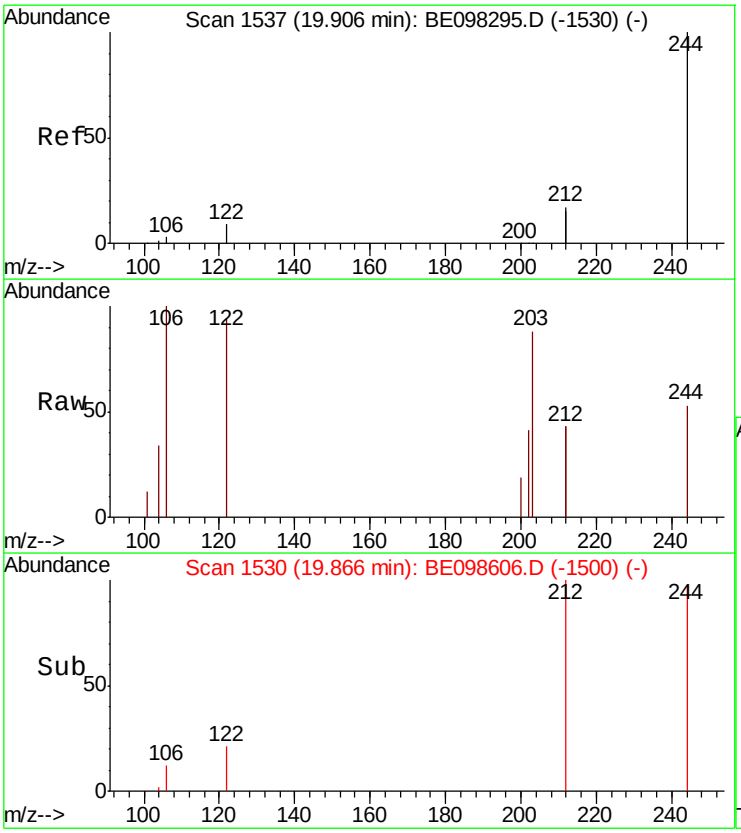
#28
Pyrene
Concen: 2.539 ng
RT: 19.66 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 73183

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.7	25.1
203	23.8	14.1	21.1#

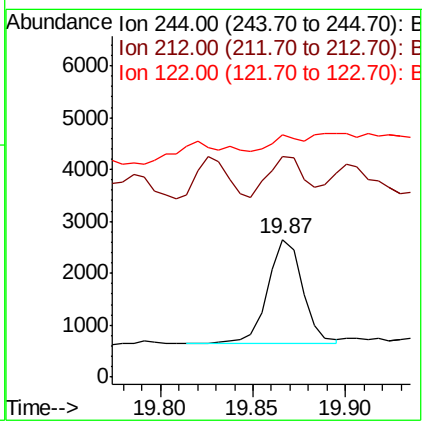


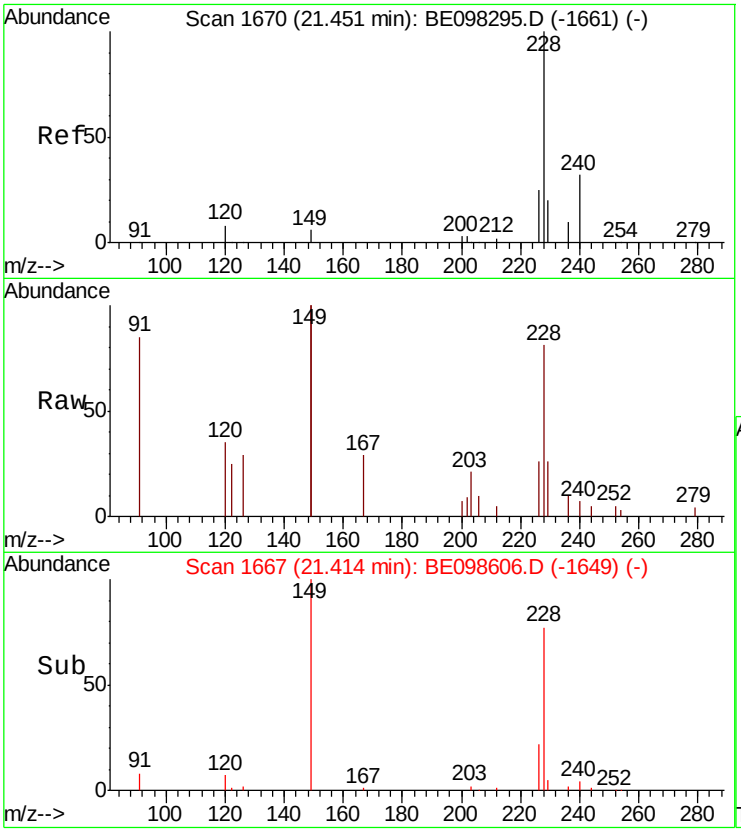


#29
Terphenyl-d14
Concen: 0.118 ng
RT: 19.87 min Scan# 1530
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:244 Resp: 2636

Ion	Ratio	Lower	Upper
244	100		
212	160.6	27.4	41.0#
122	175.7	8.3	12.5#



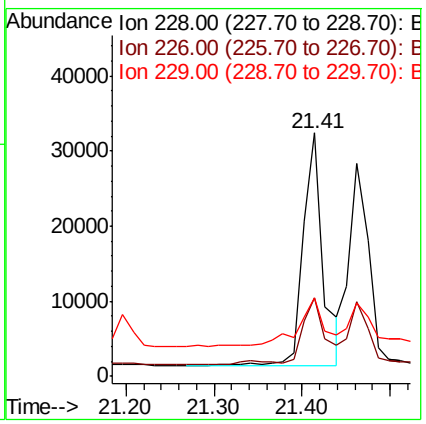


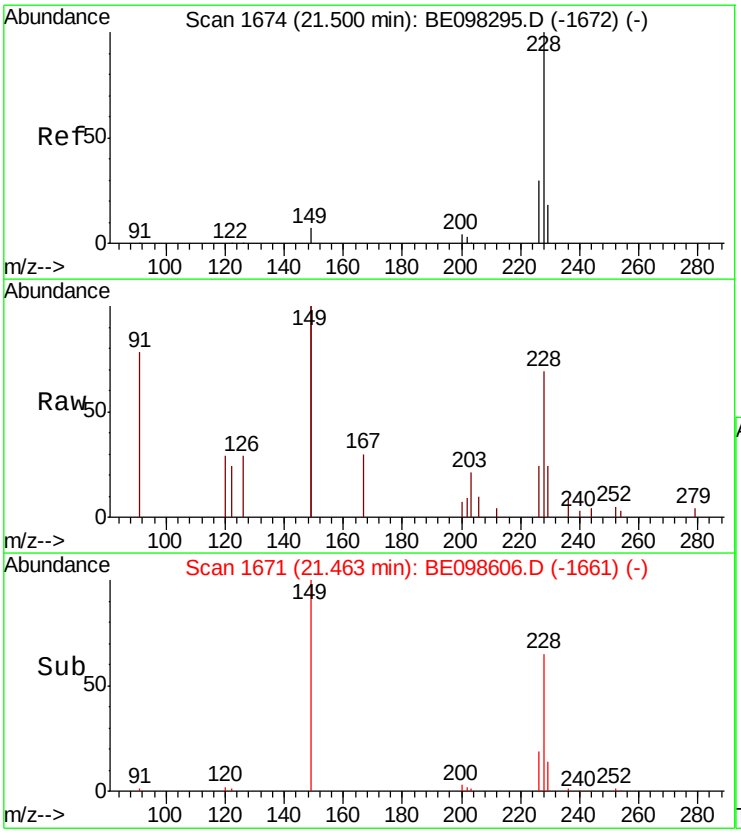
#30
Benzo(a)anthracene
Concen: 1.886 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 49337

Ion	Ratio	Lower	Upper
228	100		
226	32.2	21.8	32.8
229	32.2	16.3	24.5#

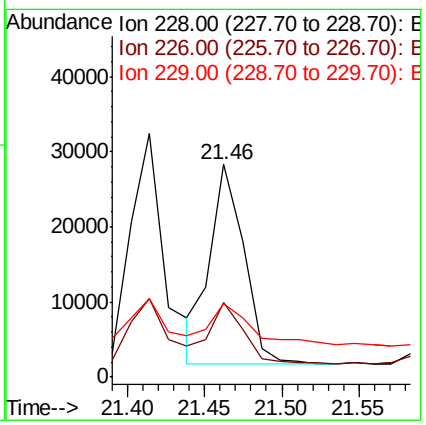


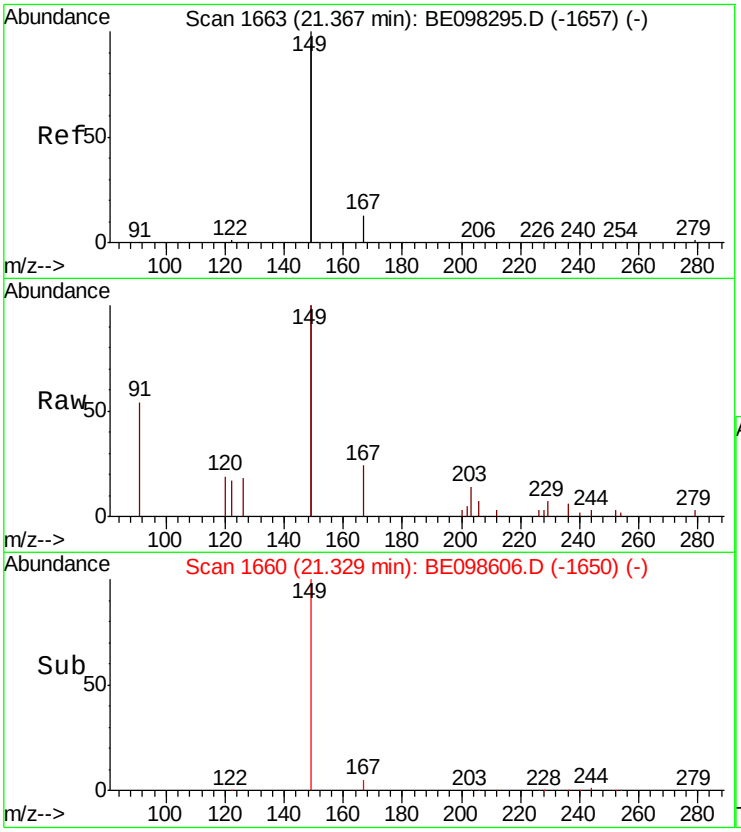


#31
Chrysene
Concen: 1.474 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:228 Resp: 40384

Ion	Ratio	Lower	Upper
228	100		
226	35.1	23.4	35.0#
229	34.5	16.2	24.4#



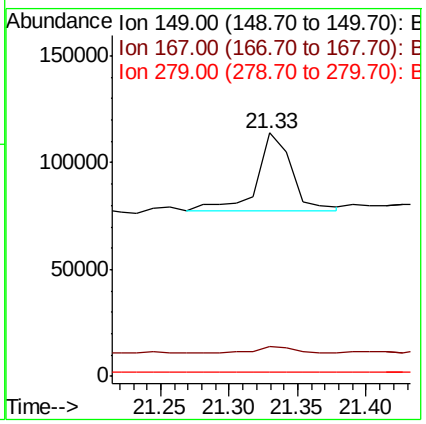


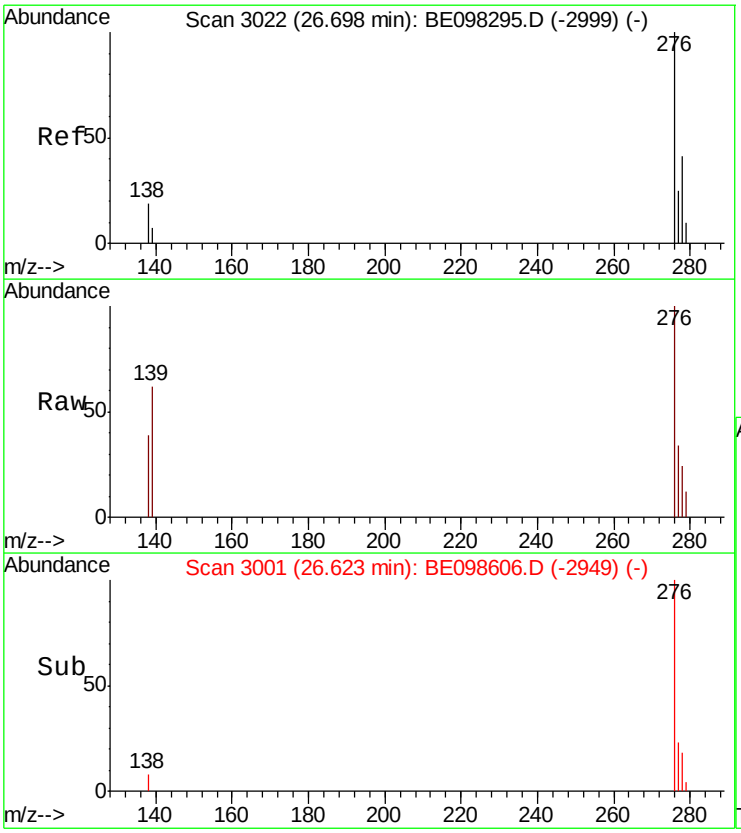
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.185 ng
RT: 21.33 min Scan# 1660
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 62937

Ion	Ratio	Lower	Upper
149	100		
167	9.3	5.7	8.5#
279	1.4	1.0	1.4

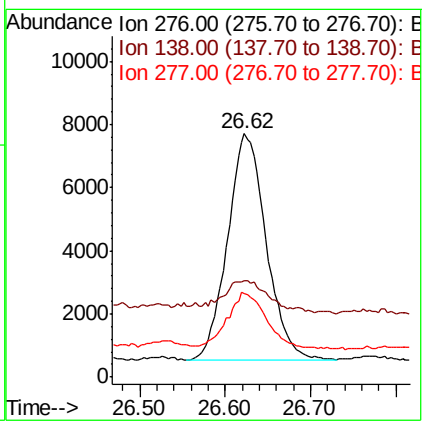


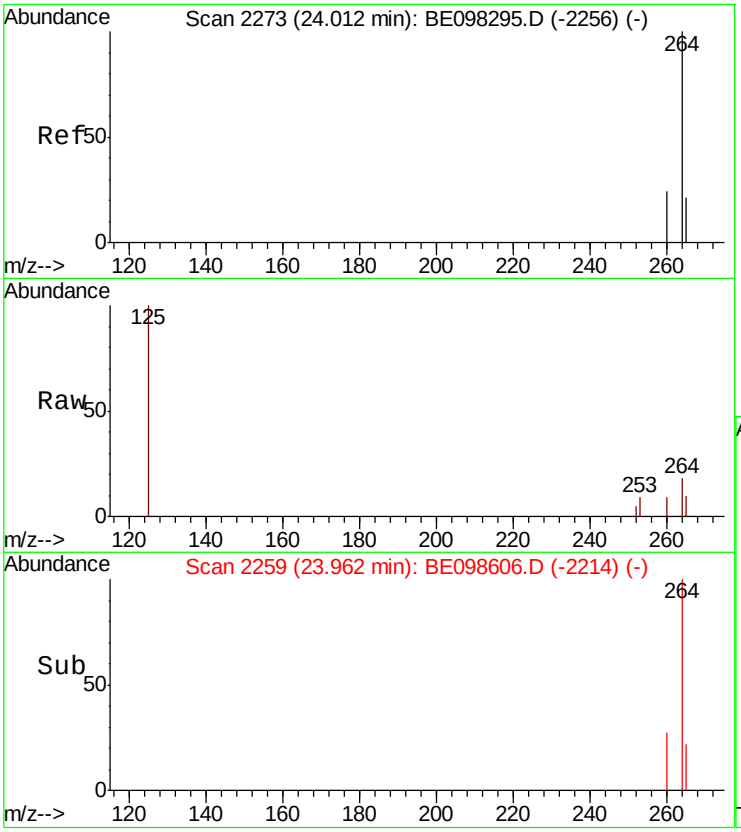


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.826 ng
RT: 26.62 min Scan# 3001
Delta R.T. -0.01 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:276 Resp: 22511

Ion	Ratio	Lower	Upper
276	100		
138	12.5	16.3	24.5#
277	24.2	20.2	30.4



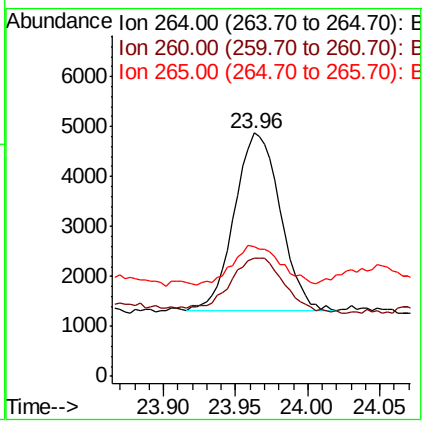


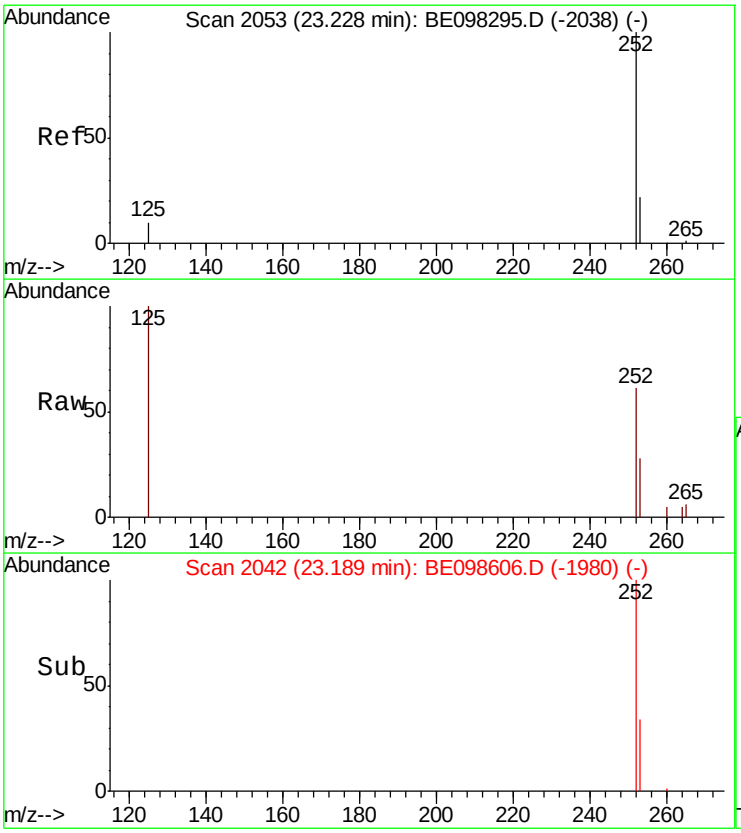
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 7732

Ion	Ratio	Lower	Upper
264	100		
260	48.3	20.2	30.2#
265	53.4	25.2	37.8#

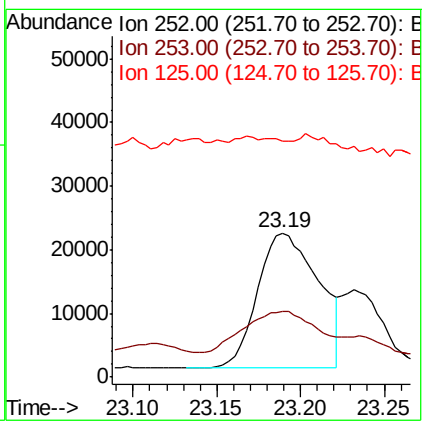


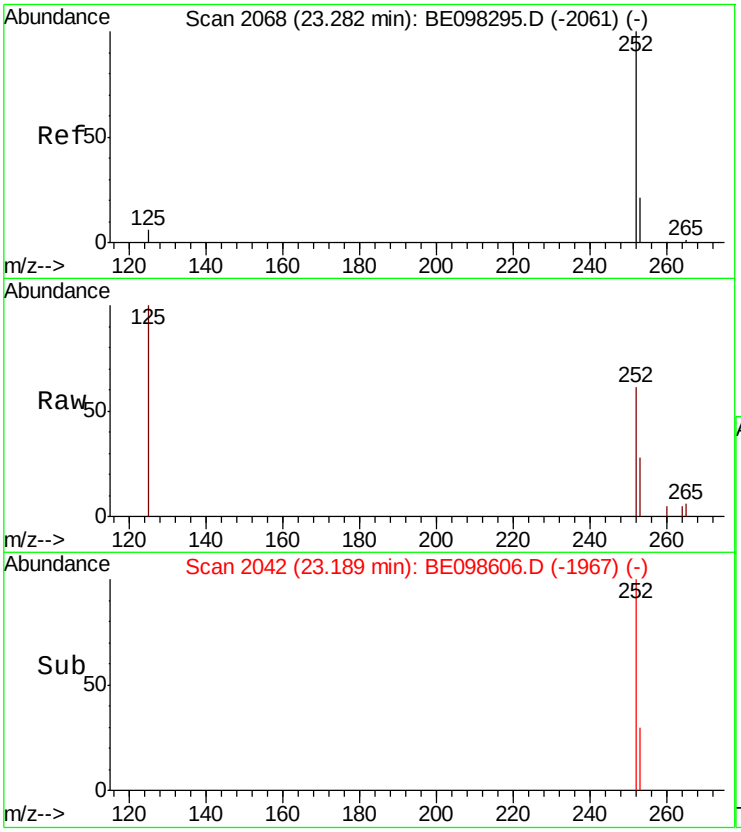


#35
Benzo(b)fluoranthene
Concen: 2.558 ng
RT: 23.19 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:252 Resp: 54085

Ion	Ratio	Lower	Upper
252	100		
253	45.5	20.0	30.0#
125	163.9	9.6	14.4#



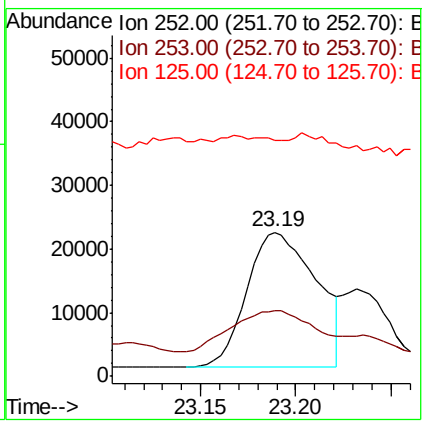


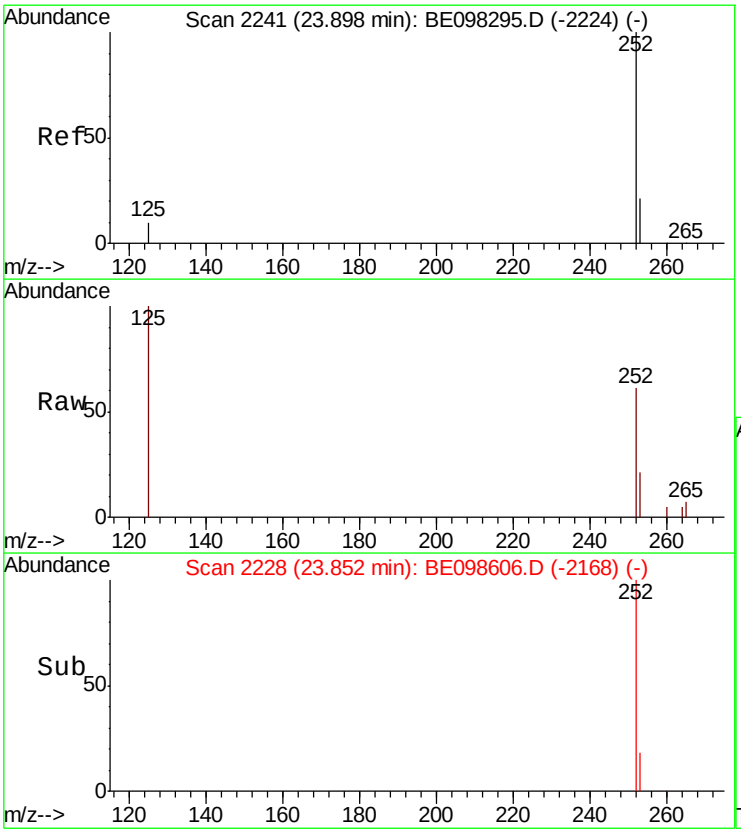
#36
Benzo(k)fluoranthene
Concen: 2.196 ng
RT: 23.19 min Scan# 2042
Delta R.T. -0.03 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 54083

Ion	Ratio	Lower	Upper
252	100		
253	45.5	19.0	28.6#
125	163.9	9.1	13.7#

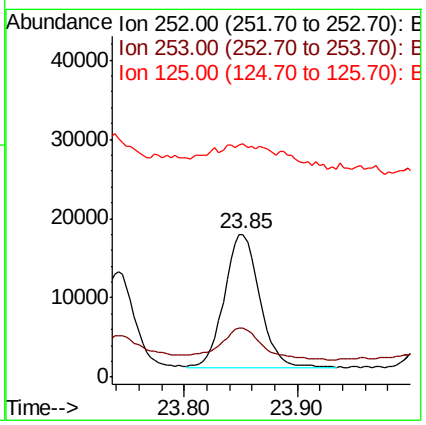


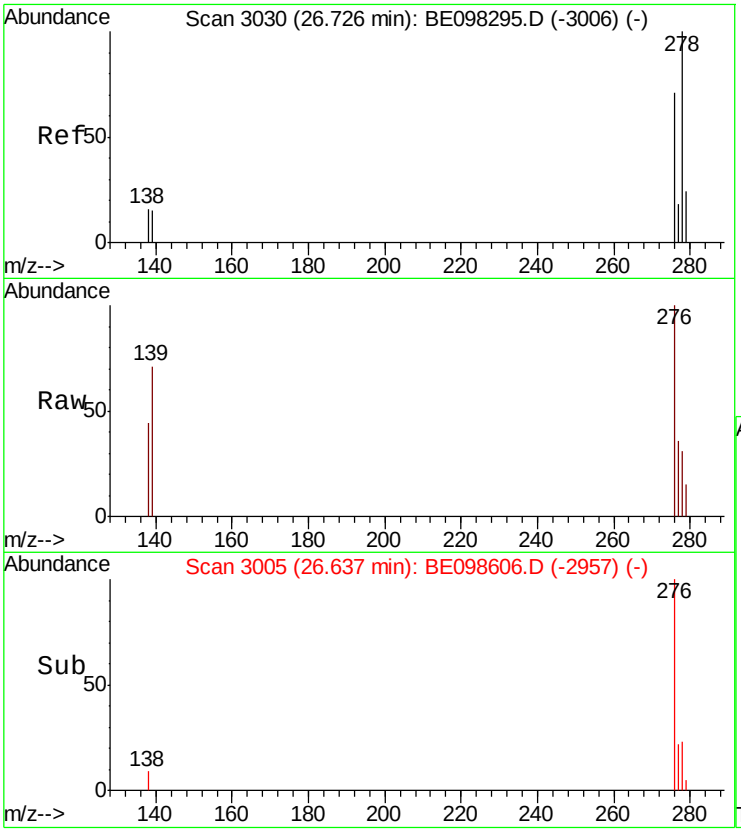


#37
Benzo(a)pyrene
Concen: 1.674 ng
RT: 23.85 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:252 Resp: 36524

Ion	Ratio	Lower	Upper
252	100		
253	34.3	20.6	30.8#
125	163.0	10.5	15.7#



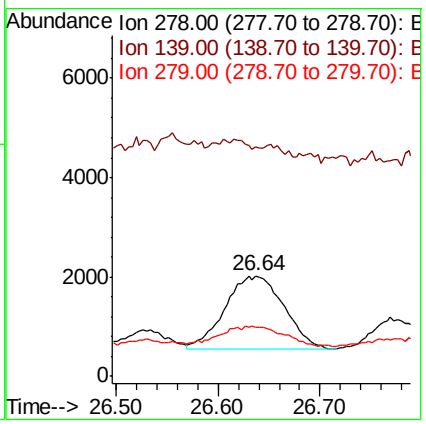


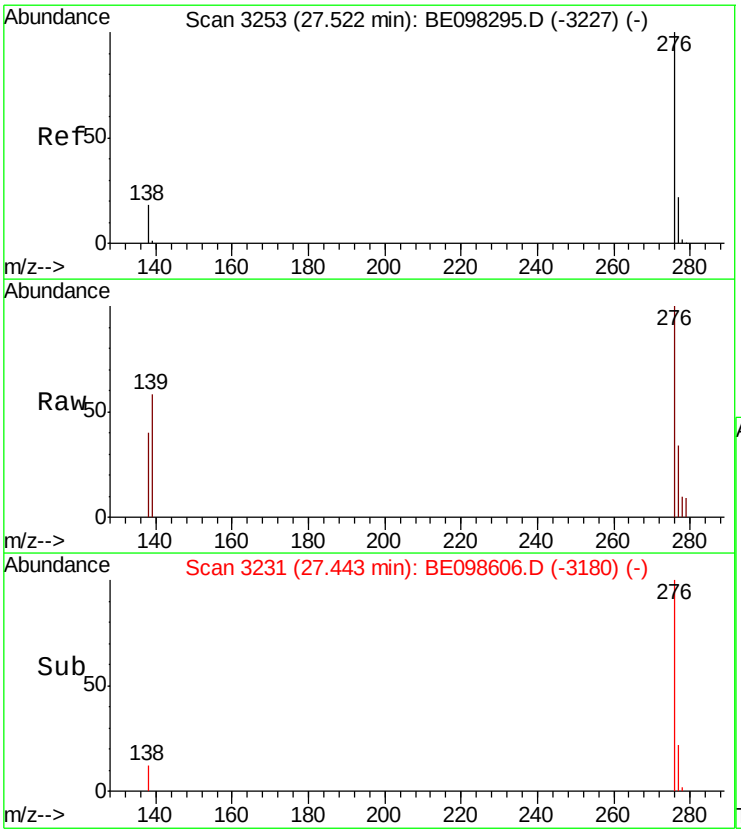
#38
Dibenzo(a,h)anthracene
Concen: 0.286 ng
RT: 26.64 min Scan# 3005
Delta R.T. -0.03 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 5877

Ion	Ratio	Lower	Upper
278	100		
139	228.1	14.5	21.7#
279	48.2	21.8	32.8#





#39
Benzo(g,h,i)perylene
Concen: 0.998 ng
RT: 27.44 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:276 Resp: 20675

Ion	Ratio	Lower	Upper
276	100		
277	34.3	20.8	31.2#
138	39.6	15.8	23.6#