Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\
Data File : BE098483.D
Acq On : 15 Dec 2018 21:51
Operator : SJ/JU
Sample : PB115688BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB115688BS

Quant Time: Dec 16 02:35:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	784	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	3066	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	1811	0.40	ng		-0.01
19) Phenanthrene-d10	17.27	188	5138	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	6585	0.40	ng		0.00
34) Perylene-d12	24.00	264	6096	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	472	0.26	ng		0.02
5) Phenol-d6	7.06	99	603	0.23	ng		0.00
8) Nitrobenzene-d5	9.03	82	549	0.20	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	1274	0.26	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	154	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	1808	0.24	ng		0.00
25) Fluoranthene-d10	19.30	212	16576	0.25	ng		0.00
29) Terphenyl-d14	19.90	244	2895	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	406	0.299	ng	#	77
3) n-Nitrosodimethylamine	3.70	42	193	0.158	ng	#	100
6) bis(2-Chloroethyl)ether	7.30	93	410	0.166	ng		93
9) Naphthalene	10.71	128	7275	0.236	ng	#	97
10) Hexachlorobutadiene	10.99	225	481	0.245	ng		96
12) 2-Methylnaphthalene	12.34	142	1115	0.222	ng	#	92
16) Acenaphthylene	14.24	152	2074	0.244	ng		98
17) Acenaphthene	14.59	154	1130	0.222	ng		97
18) Fluorene	15.57	166	1576	0.231	ng		96
20) 4-Bromophenyl-phenylether	16.46	248	499	0.180	ng		94
21) Hexachlorobenzene	16.58	284	617	0.208	ng	#	91
22) Pentachlorophenol	16.95	266	59	0.144	ng	#	78
23) Phenanthrene	17.31	178	2857	0.229	ng		100
24) Anthracene	17.41	178	2152	0.193	ng		98
26) Fluoranthene	19.33	202	4113	0.249	ng		98
28) Pyrene	19.69	202	4117	0.199	ng		100
30) Benzo(a)anthracene	21.44	228	4094	0.218	ng		98
31) Chrysene	21.50	228	4399	0.224	ng		98
32) Bis(2-ethylhexyl)phthalate	21.35	149	5758	0.151	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	4358	0.223	ng		97
35) Benzo(b)fluoranthene	23.27	252	4809	0.288	ng		98
36) Benzo(k)fluoranthene	23.27	252	4895	0.252	ng		97
37) Benzo(a)pyrene	23.89	252	4310	0.251	ng	#	88
38) Dibenzo(a,h)anthracene	26.72	278	3162	0.195	ng	#	92
39) Benzo(g,h,i)perylene	27.51	276	3598	0.220	ng		97

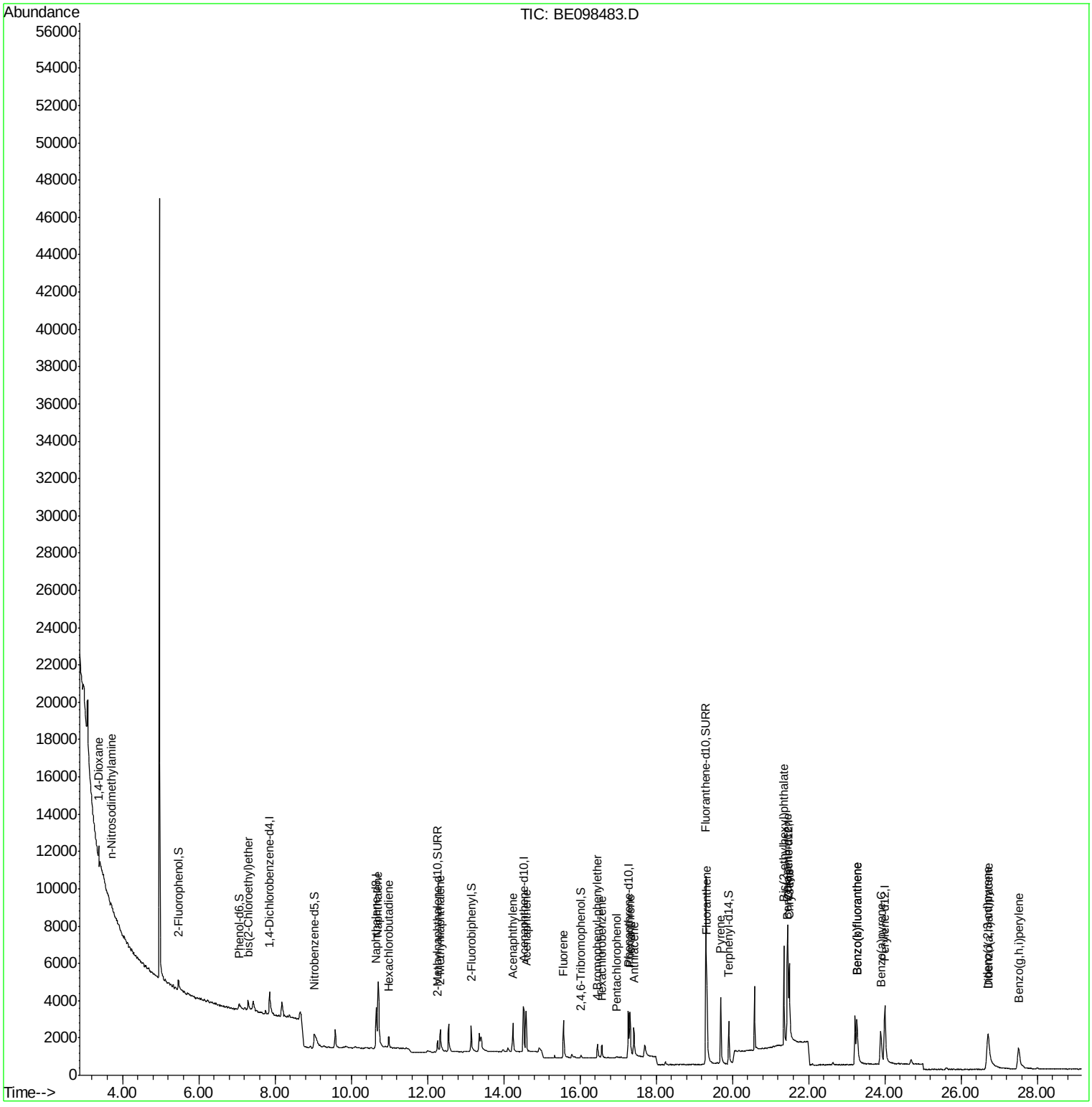
(#) = qualifier out of range (m) = manual integration (+) = signals summed

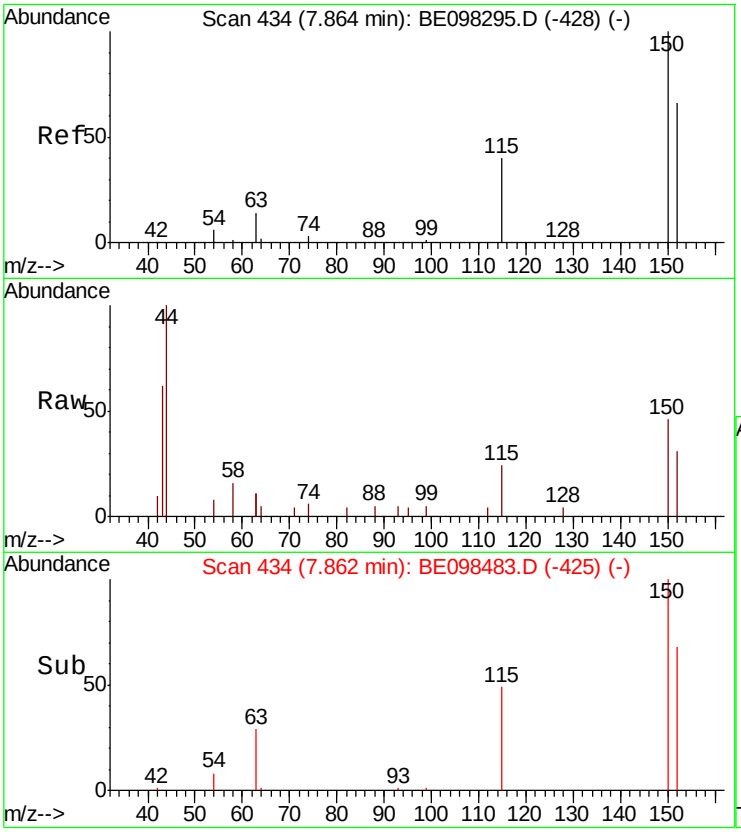
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\
Data File : BE098483.D
Acq On : 15 Dec 2018 21:51
Operator : SJ/JU
Sample : PB115688BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Quant Time: Dec 16 02:35:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



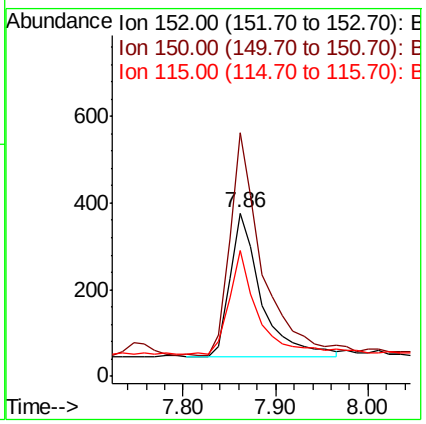


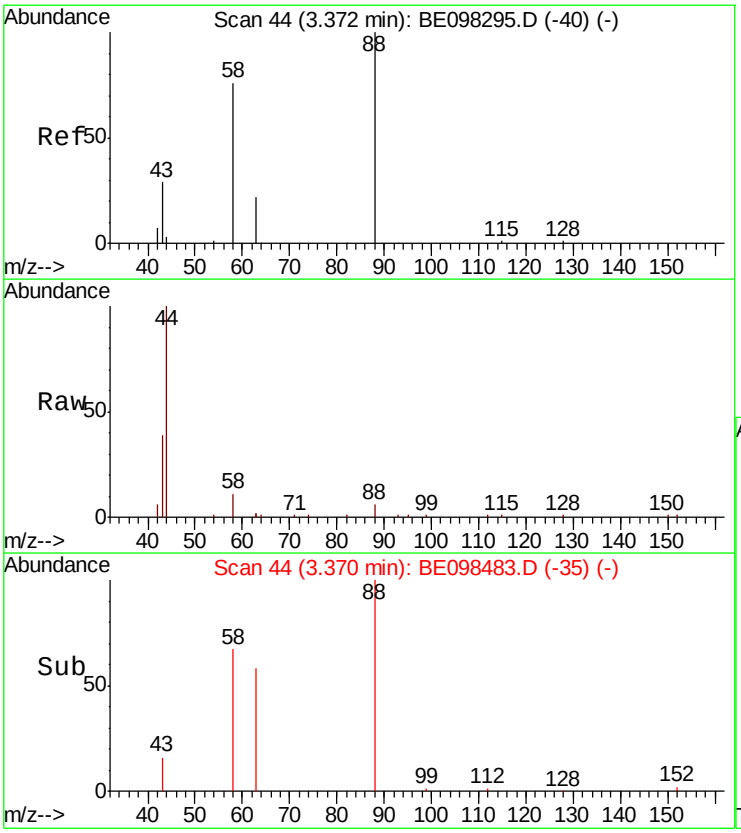
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:152 Resp: 784

Ion	Ratio	Lower	Upper
152	100		
150	149.1	124.2	186.4
115	77.2	53.9	80.9

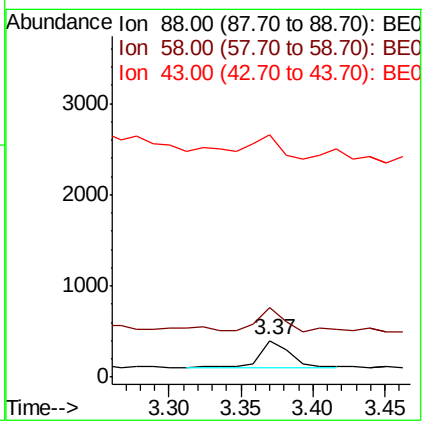


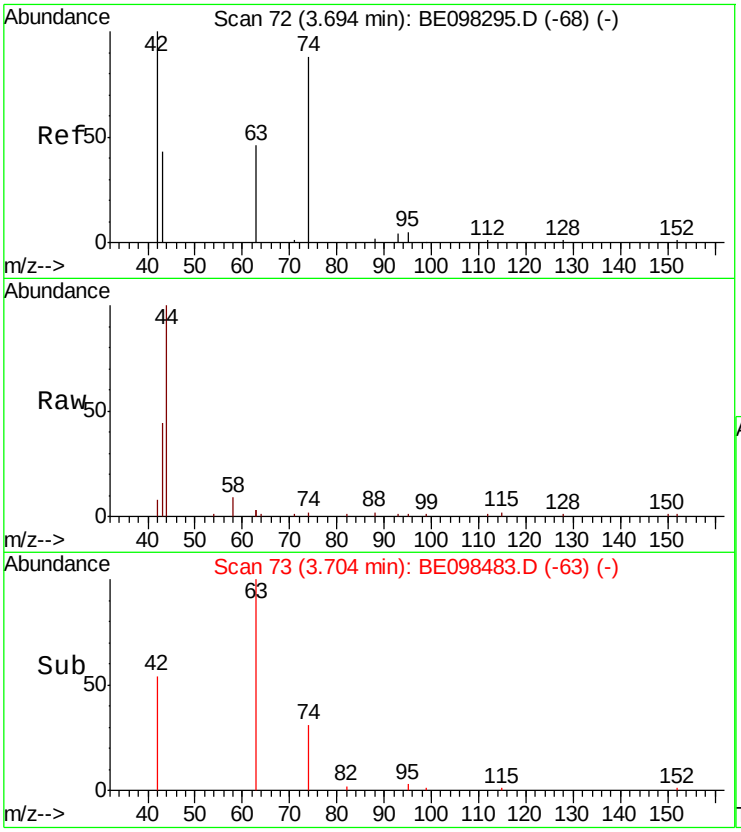


#2
1,4-Dioxane
Concen: 0.299 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion: 88 Resp: 406

Ion	Ratio	Lower	Upper
88	100		
58	85.2	75.0	112.6
43	83.0	38.3	57.5#



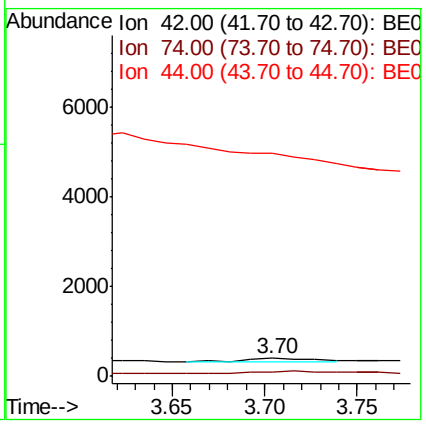


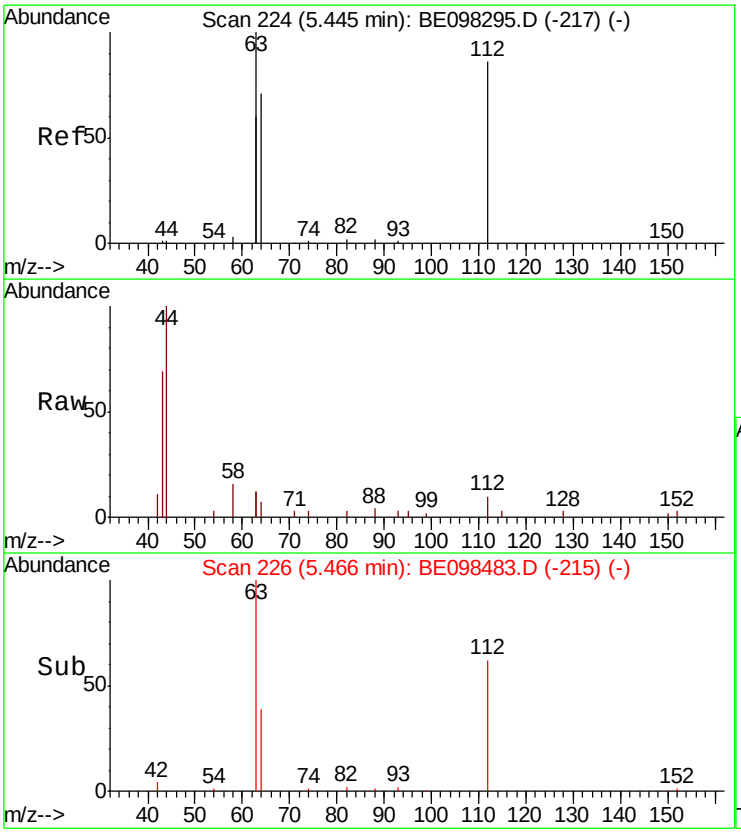
#3
n-Nitrosodimethylamine
Concen: 0.158 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion: 42 Resp: 193

Ion	Ratio	Lower	Upper
42	100		
74	77.7	0.0	0.0#
44	0.0	0.0	0.0

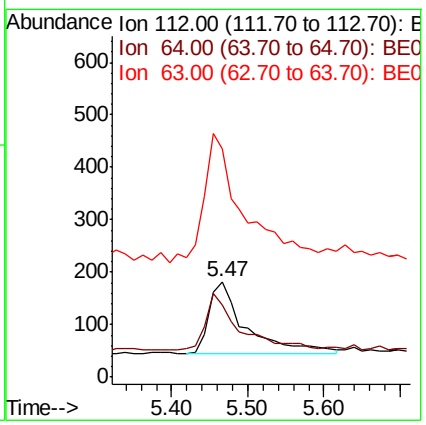


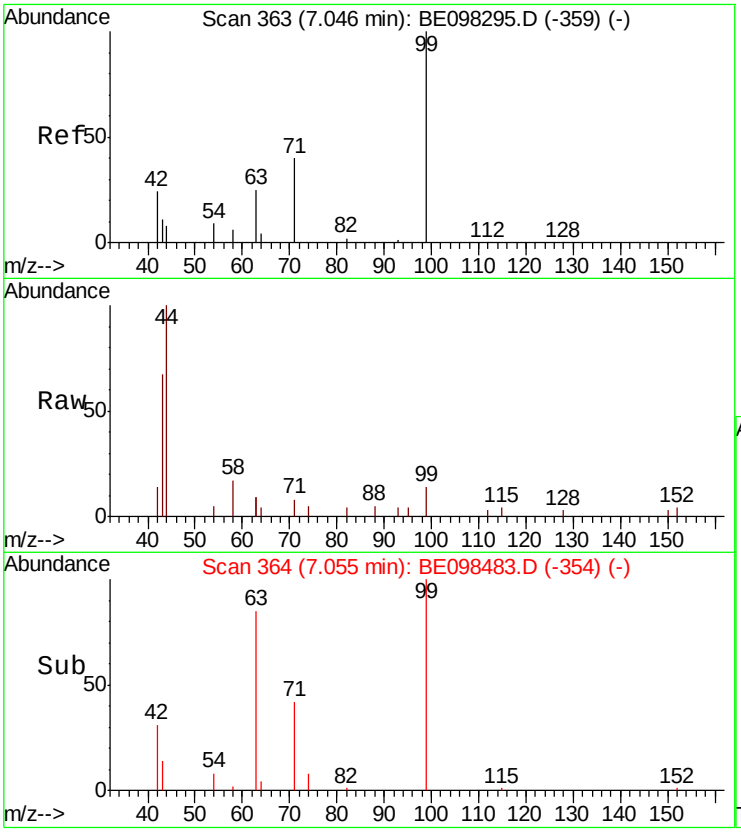


#4
2-Fluorophenol
Concen: 0.257 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.02 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:112 Resp: 472

Ion	Ratio	Lower	Upper
112	100		
64	72.5	59.8	89.8
63	191.5	133.7	200.5



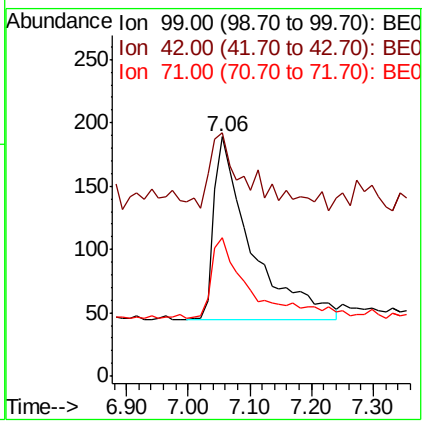


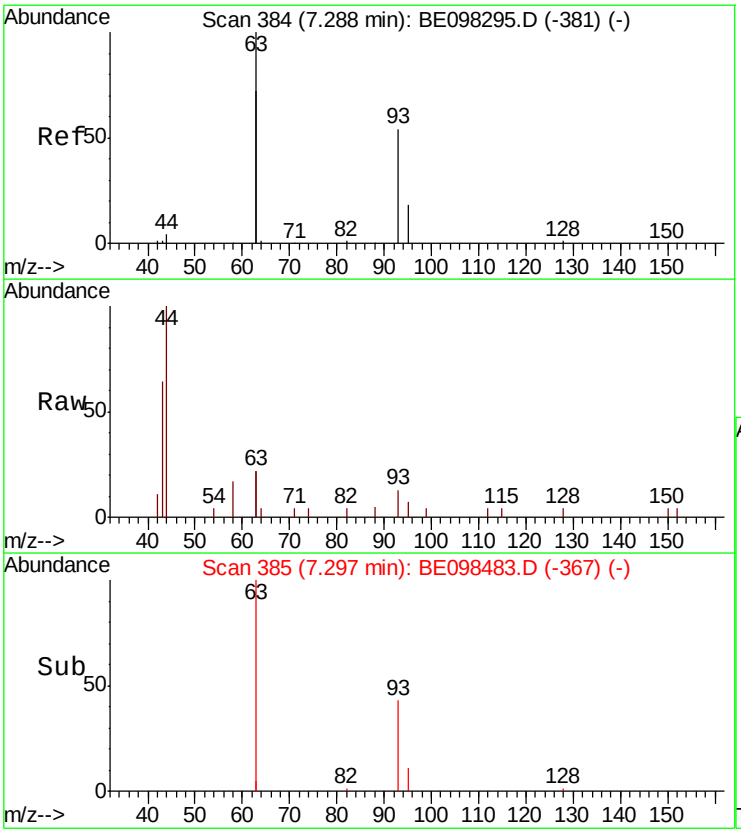
#5
Phenol-d6
Concen: 0.232 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion: 99 Resp: 603

Ion	Ratio	Lower	Upper
99	100		
42	22.6	26.3	39.5#
71	45.1	33.6	50.4

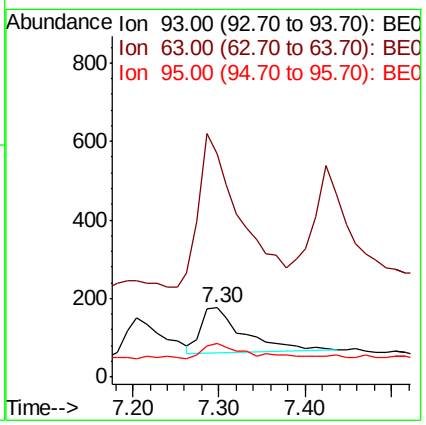


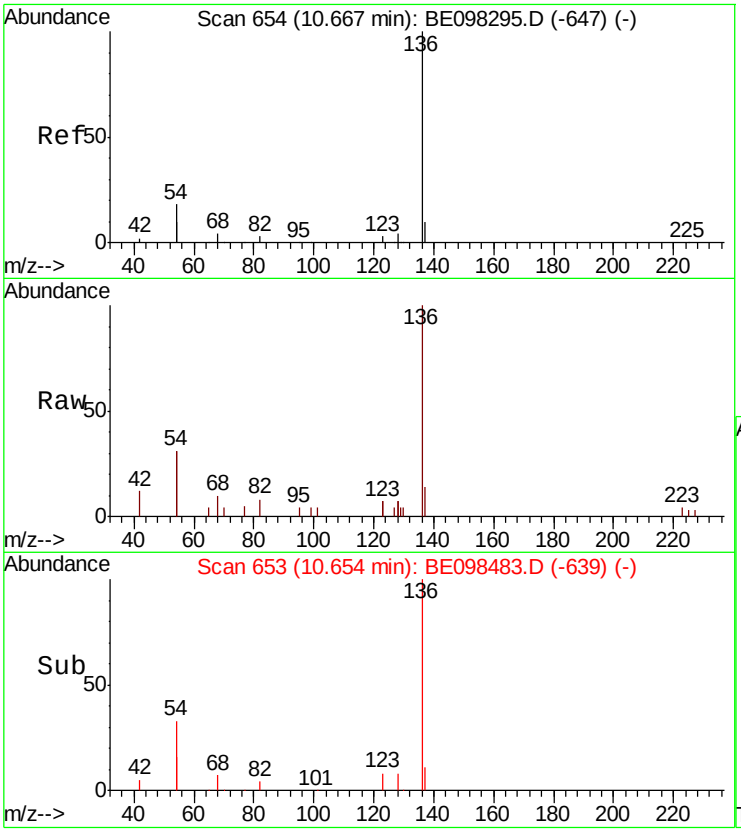


#6
bis(2-Chloroethyl)ether
Concen: 0.166 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion: 93 Resp: 410

Ion	Ratio	Lower	Upper
93	100		
63	315.6	264.4	396.6
95	33.7	26.6	40.0



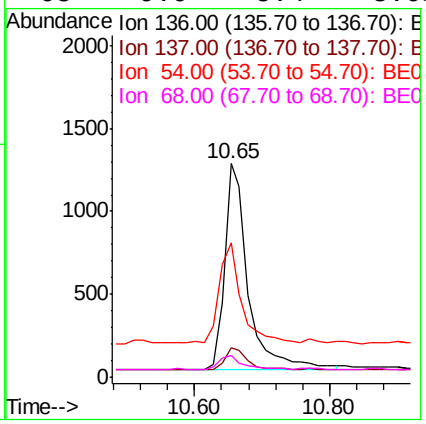


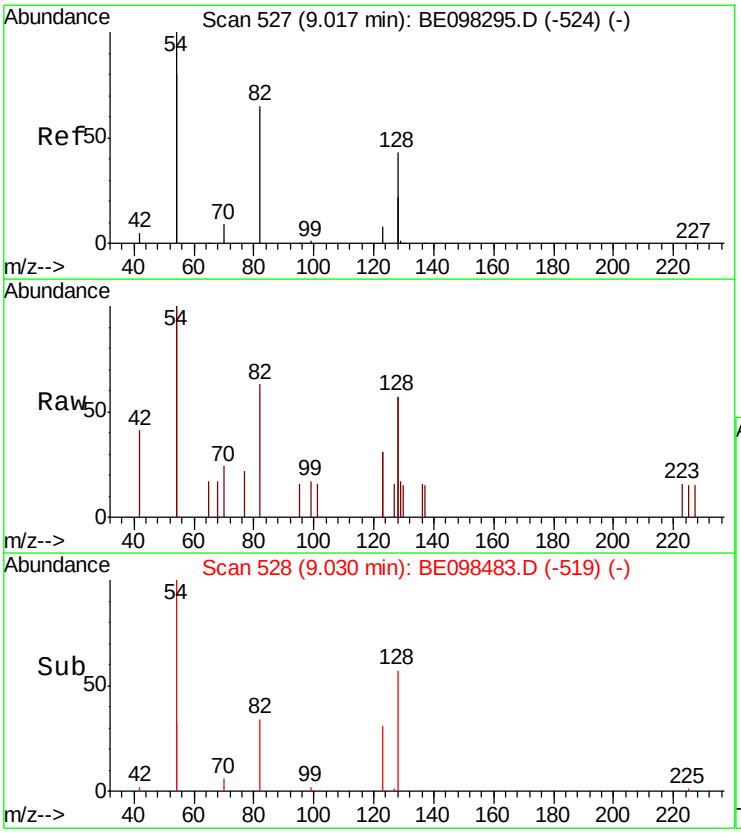
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:136 Resp: 3066

Ion	Ratio	Lower	Upper
136	100		
137	14.0	9.2	13.8#
54	62.9	28.4	42.6#
68	9.9	5.4	8.0#

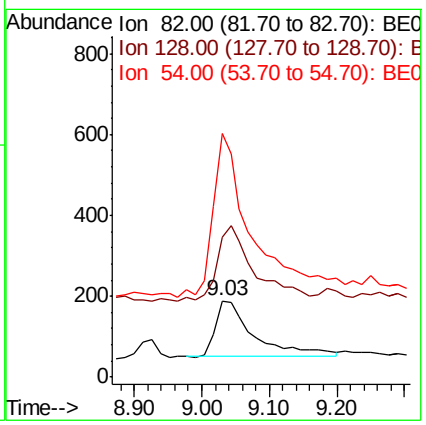


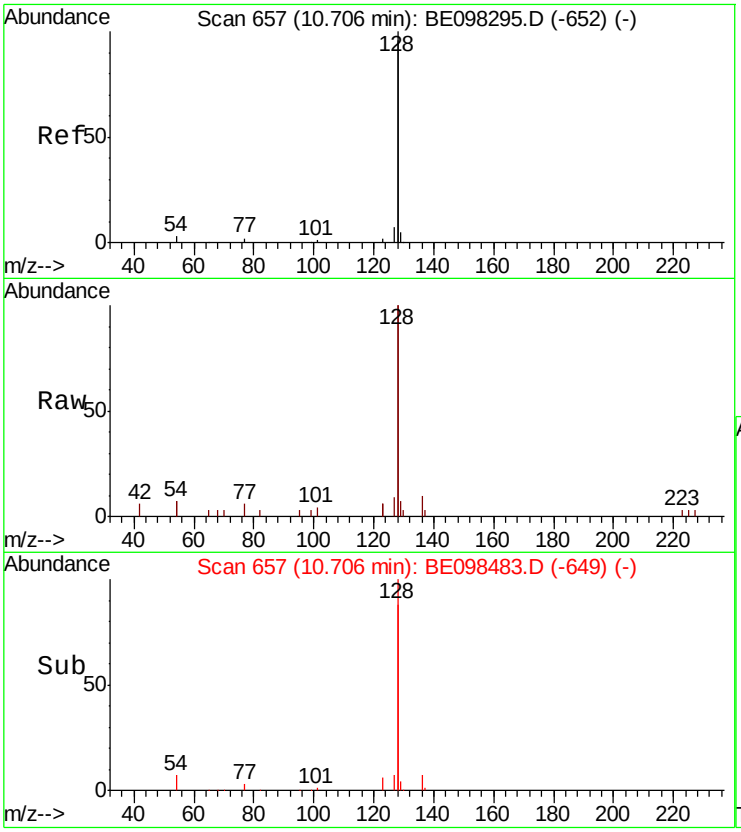


#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion: 82 Resp: 549

Ion	Ratio	Lower	Upper
82	100		
128	183.1	102.4	153.6#
54	318.5	221.8	332.8



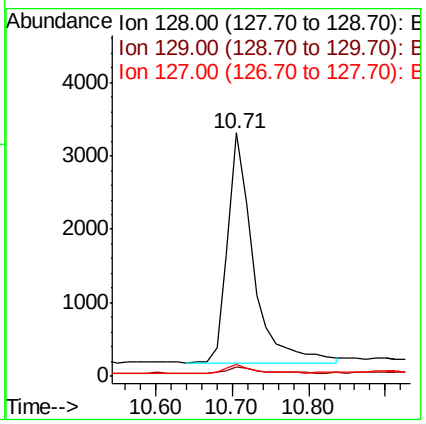


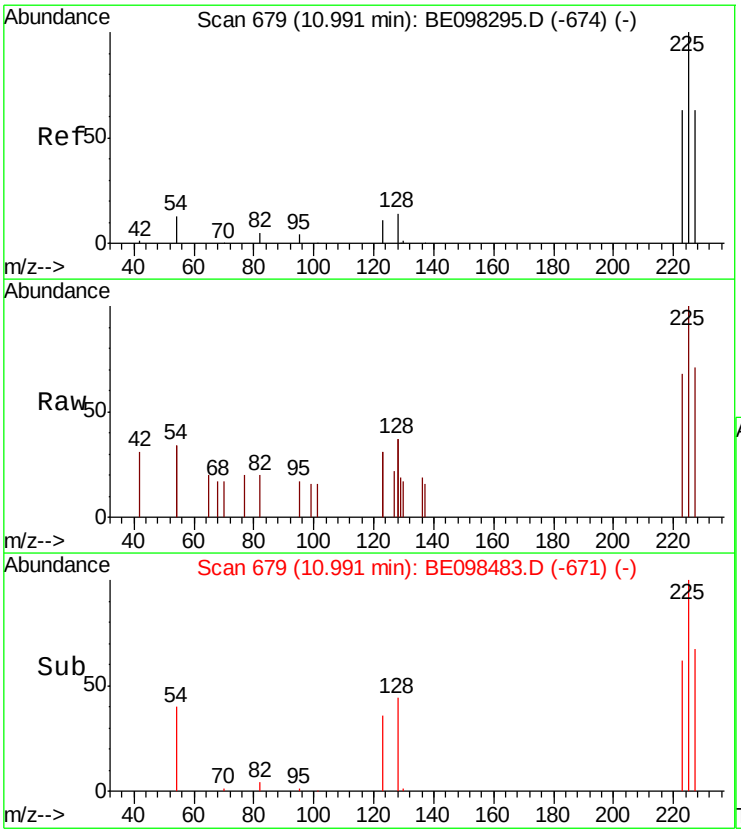
#9
Naphthalene
Concen: 0.236 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:128 Resp: 7275

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.5	3.7#
127	4.7	2.7	4.1#

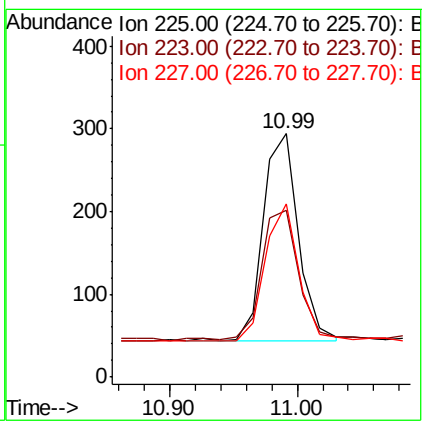


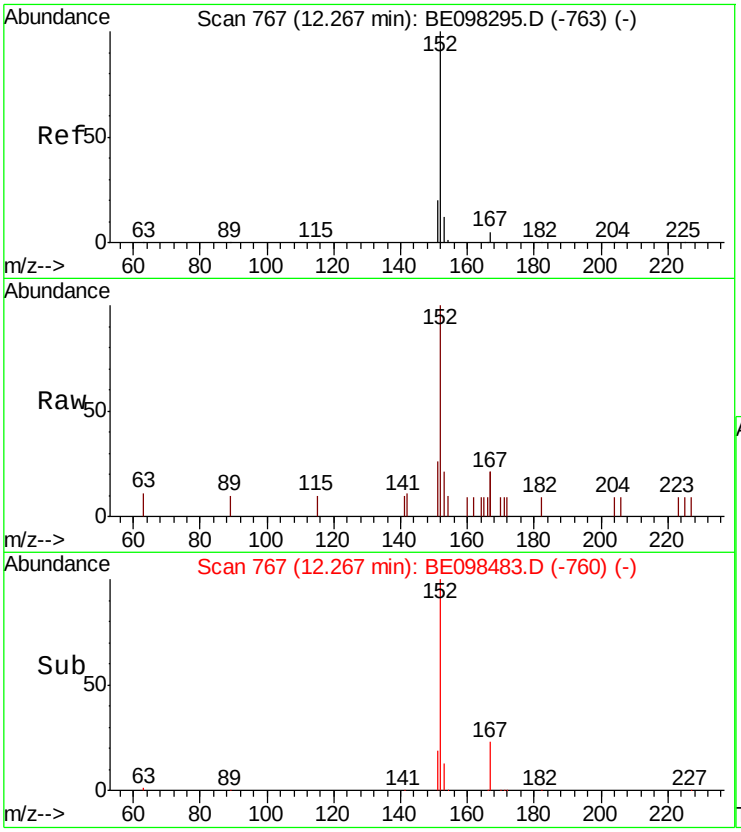


#10
Hexachlorobutadiene
Concen: 0.245 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:225 Resp: 481

Ion	Ratio	Lower	Upper
225	100		
223	67.4	49.4	74.0
227	63.8	52.0	78.0



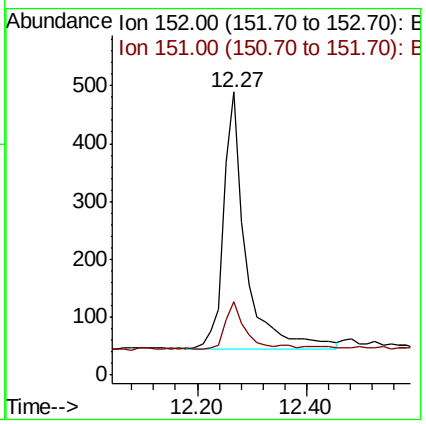


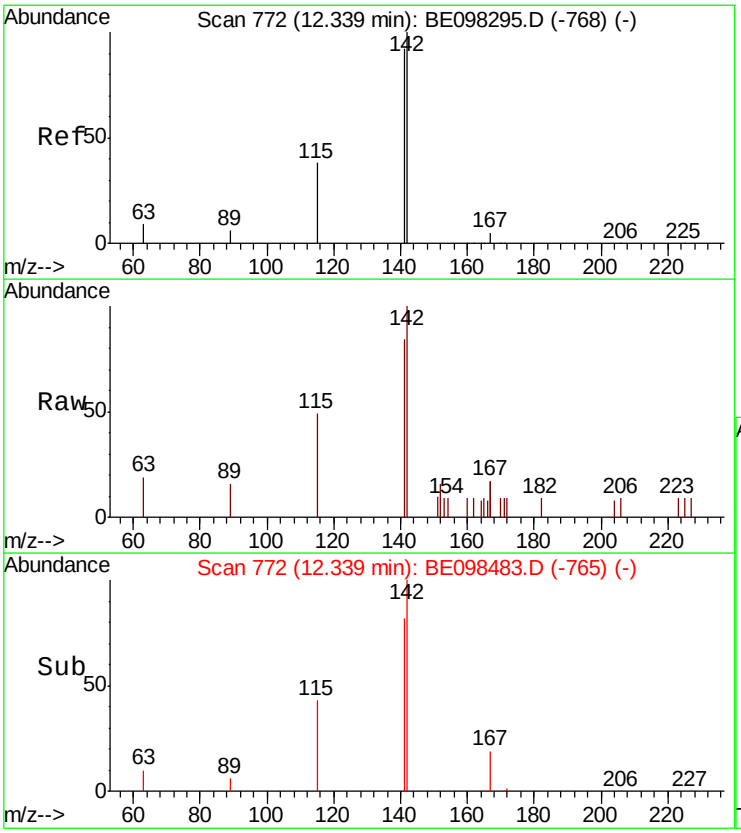
#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:152 Resp: 1274

Ion	Ratio	Lower	Upper
152	100		
151	16.8	16.2	24.4

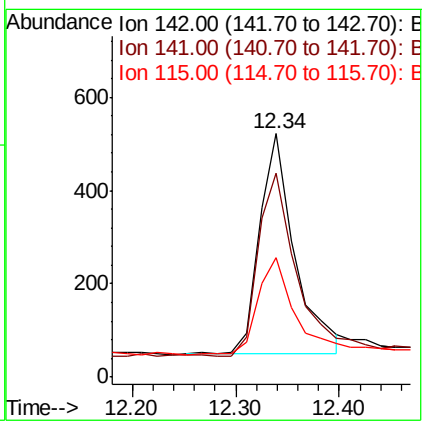


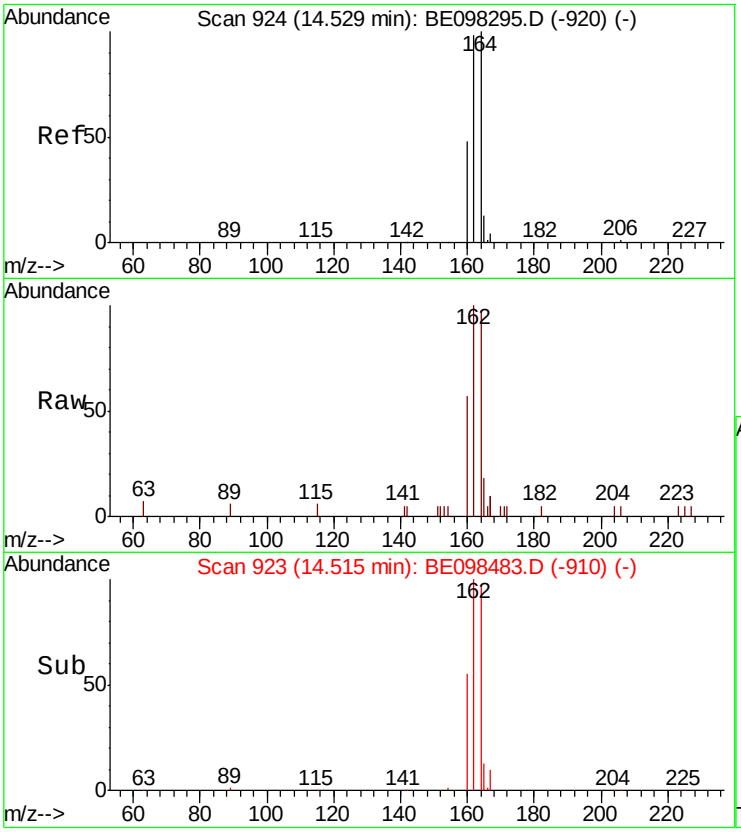


#12
2-Methylnaphthalene
Concen: 0.222 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:142 Resp: 1115

Ion	Ratio	Lower	Upper
142	100		
141	83.7	71.0	106.6
115	49.2	32.2	48.2#



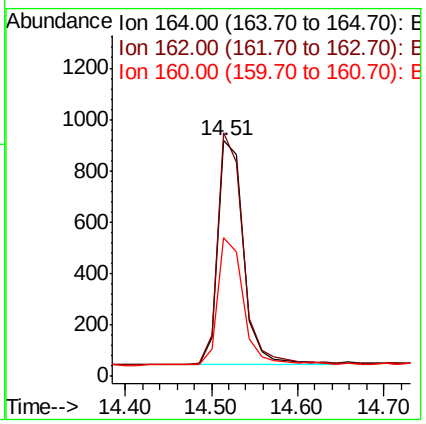


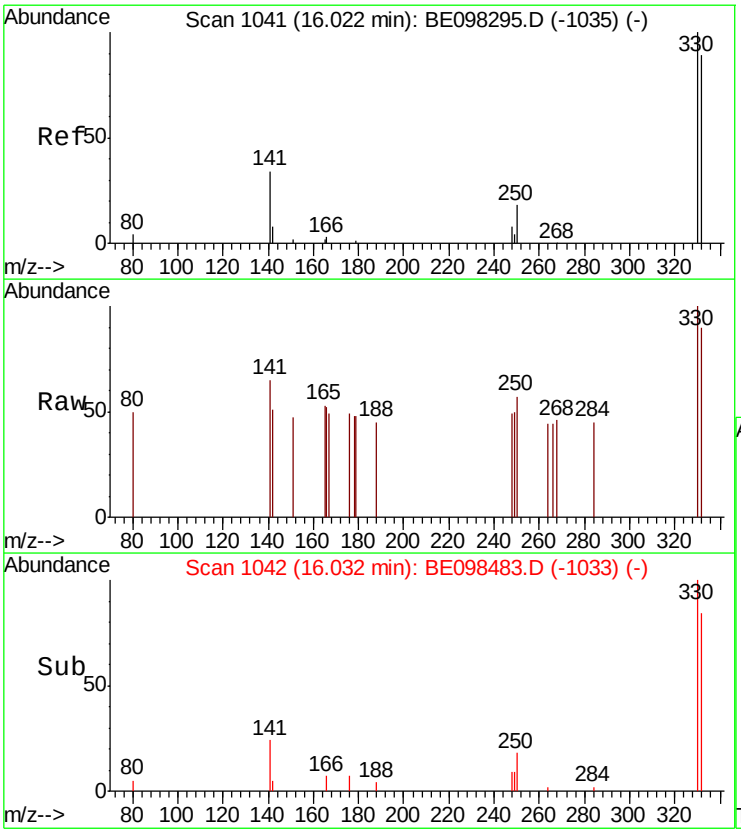
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:164 Resp: 1811

Ion	Ratio	Lower	Upper
164	100		
162	103.4	77.6	116.4
160	58.9	36.0	54.0#

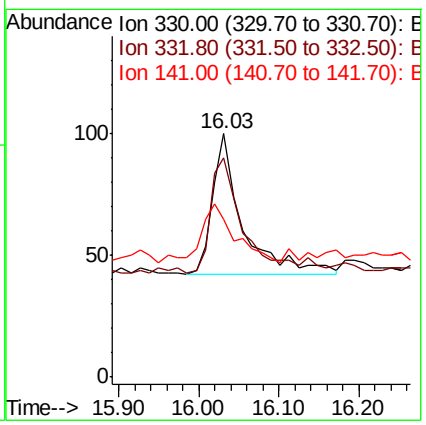


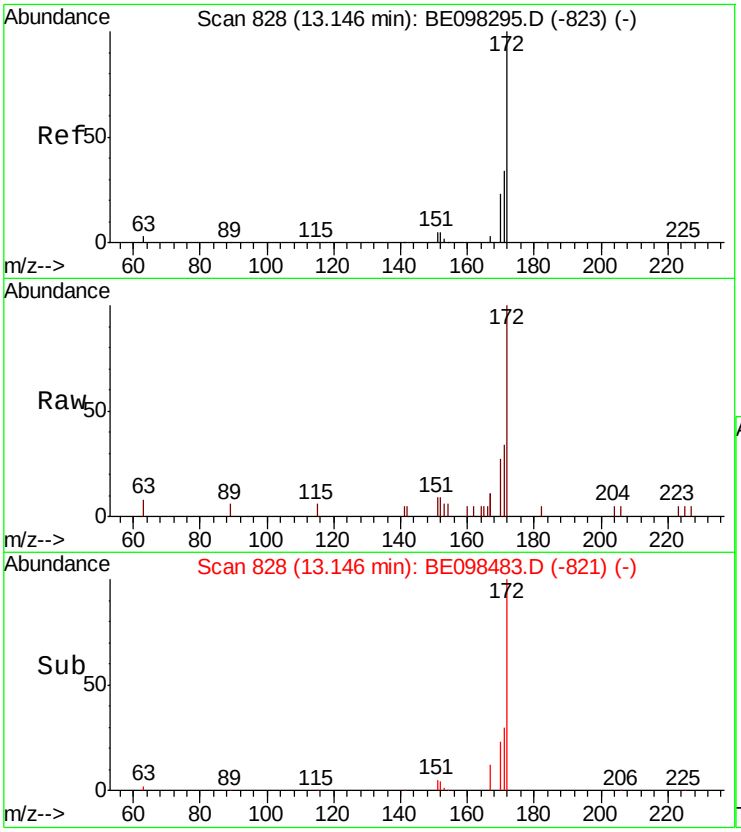


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:330 Resp: 154

Ion	Ratio	Lower	Upper
330	100		
332	82.5	76.2	114.4
141	47.4	39.0	58.4



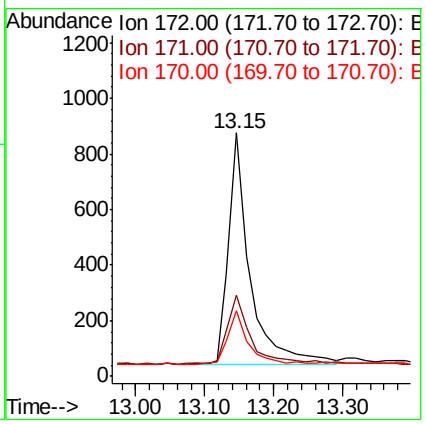


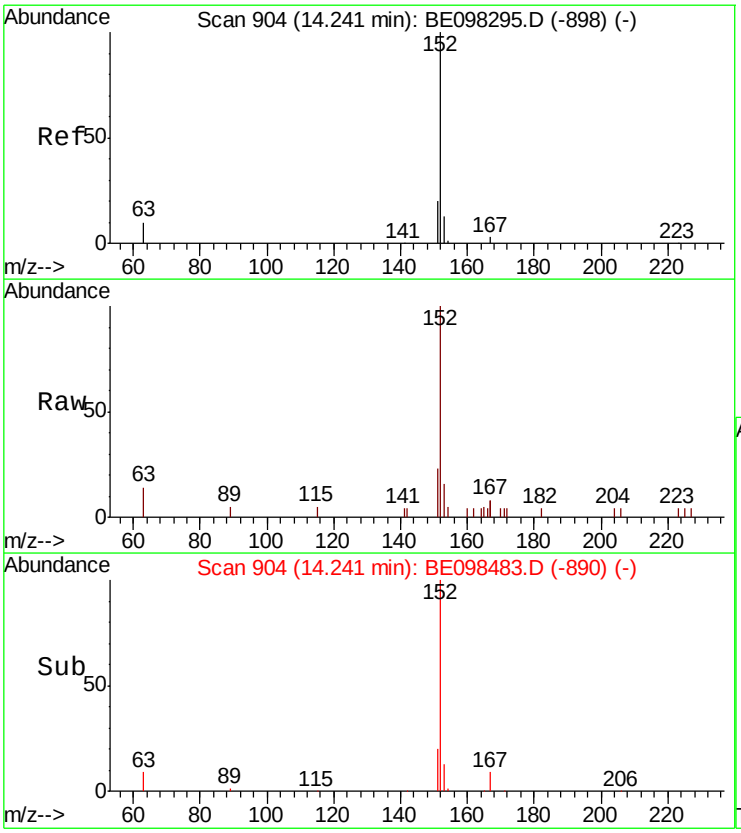
#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:172 Resp: 1808

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.5	41.3
170	26.9	19.6	29.4

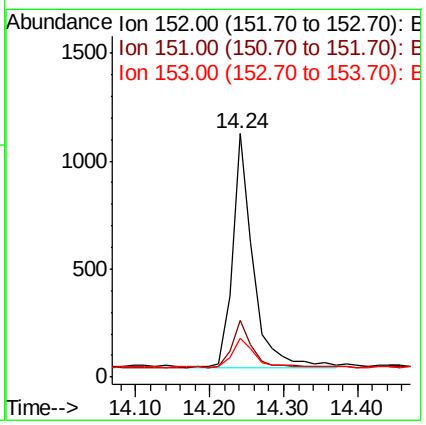


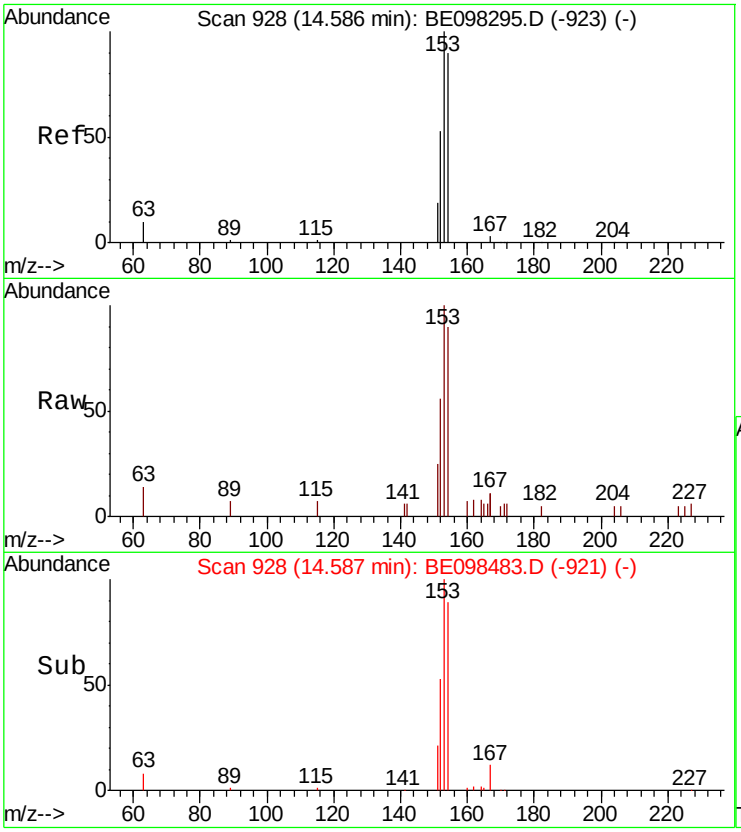


#16
Acenaphthylene
Concen: 0.244 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:152 Resp: 2074

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3
153	13.7	10.6	16.0



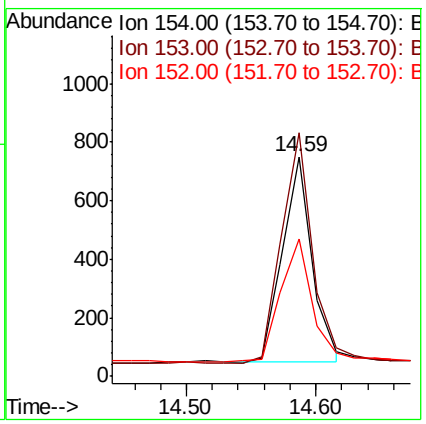


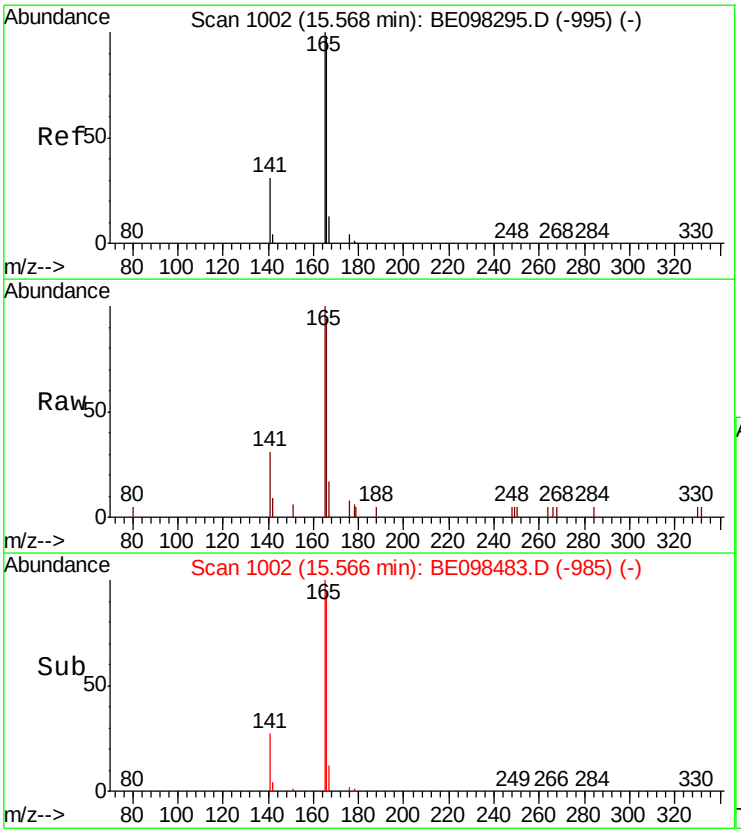
#17
Acenaphthene
Concen: 0.222 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:154 Resp: 1130

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.8	137.6
152	62.7	45.5	68.3

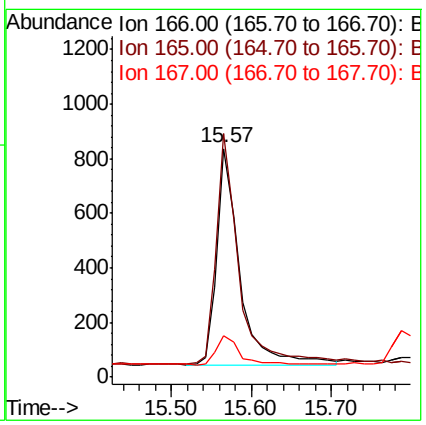


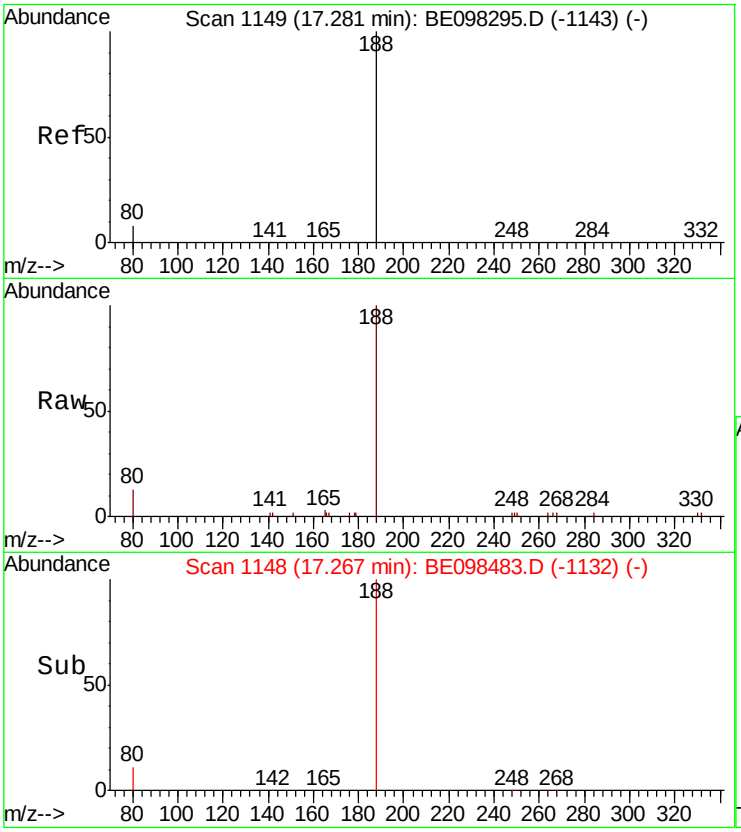


#18
Fluorene
Concen: 0.231 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:166 Resp: 1576

Ion	Ratio	Lower	Upper
166	100		
165	104.0	79.3	118.9
167	14.7	11.3	16.9



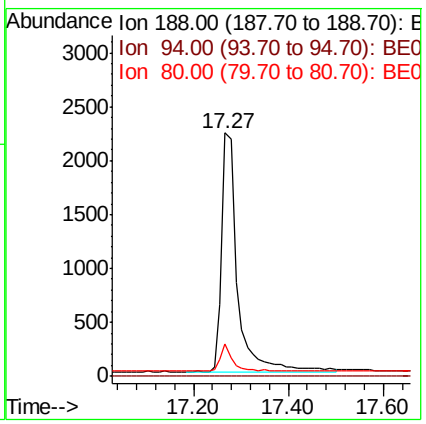


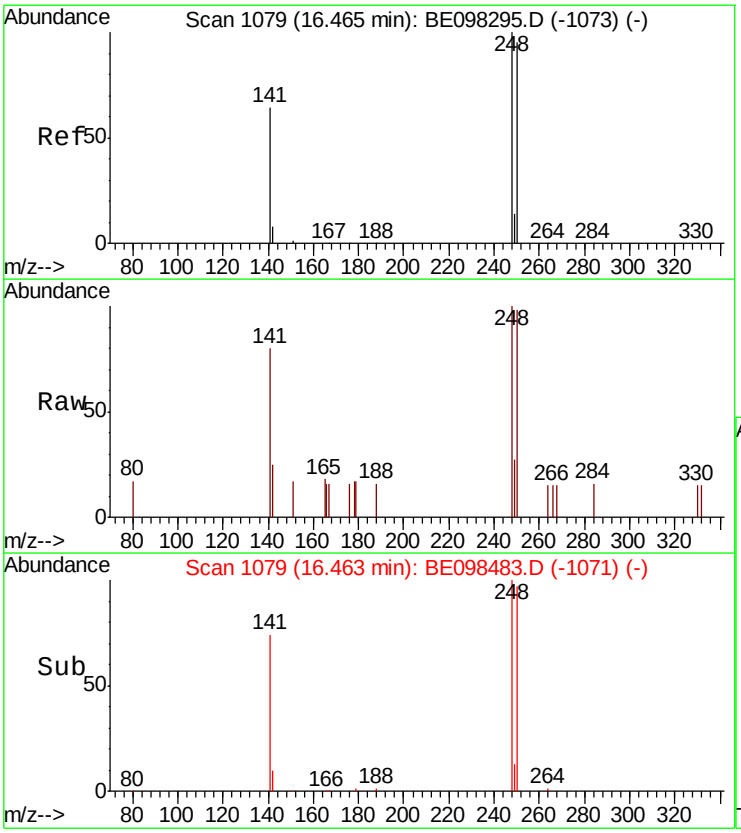
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:188 Resp: 5138

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	7.2	10.8#

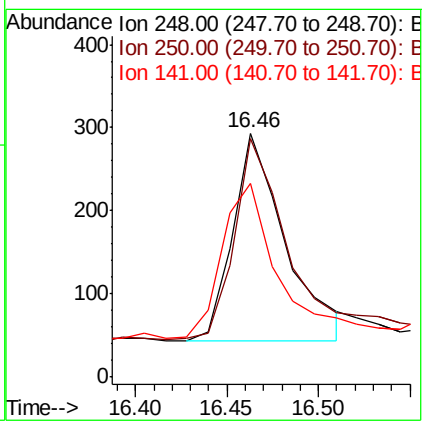


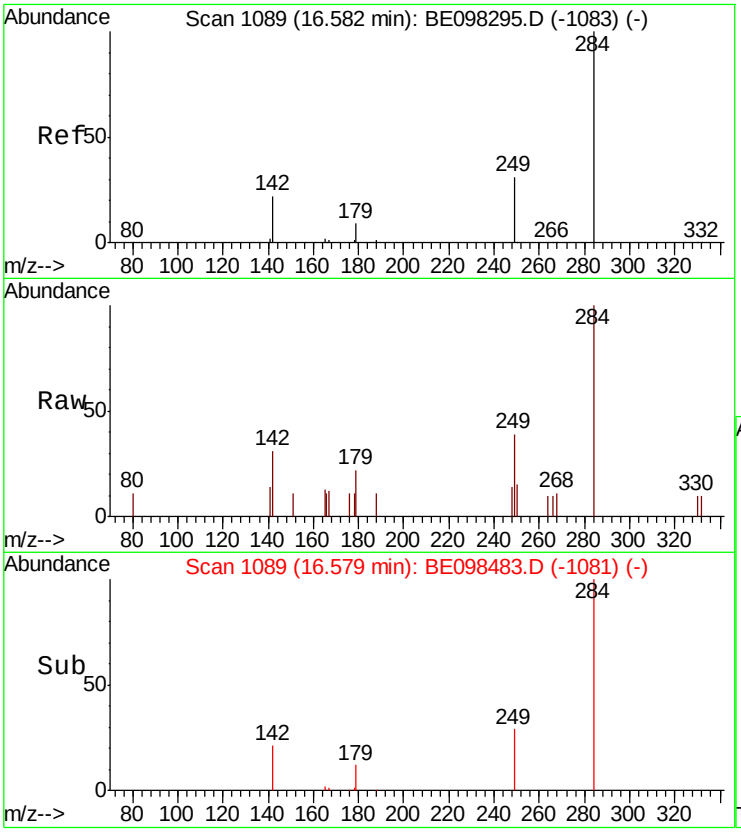


#20
4-Bromophenyl-phenylether
Concen: 0.180 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:248 Resp: 499

Ion	Ratio	Lower	Upper
248	100		
250	98.0	71.0	106.6
141	79.5	62.1	93.1



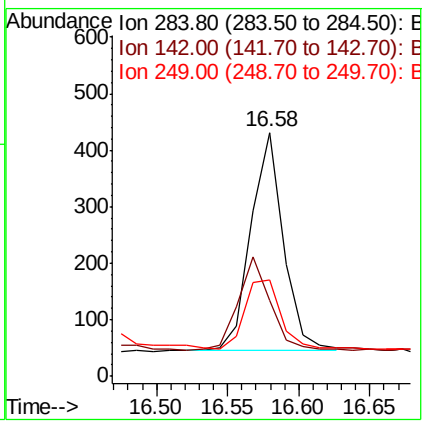


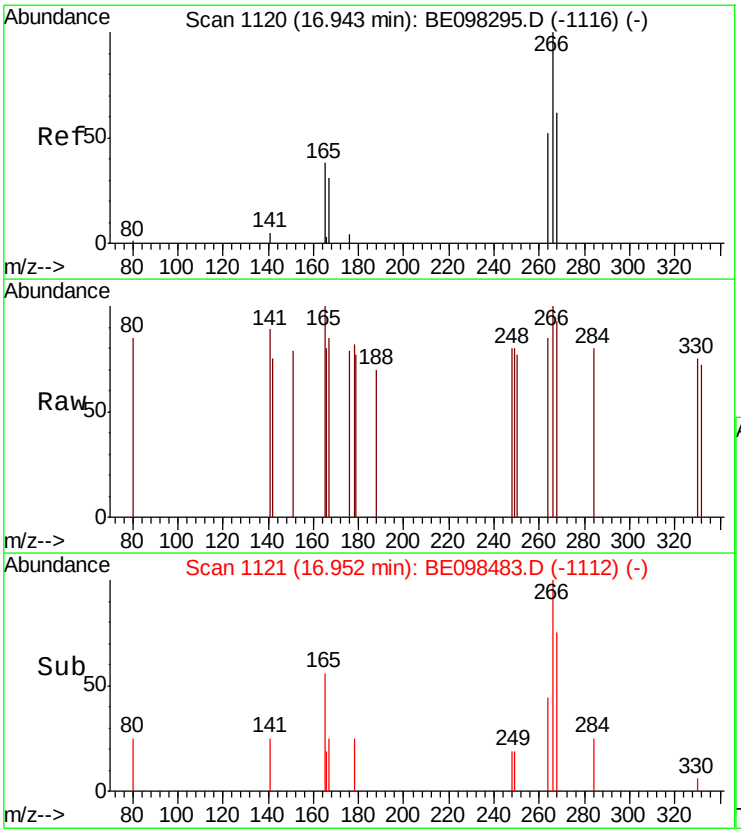
#21
Hexachlorobenzene
Concen: 0.208 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:284 Resp: 617

Ion	Ratio	Lower	Upper
284	100		
142	41.8	26.3	39.5#
249	33.4	26.0	39.0

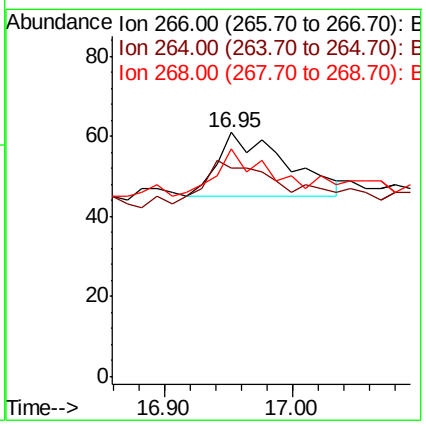


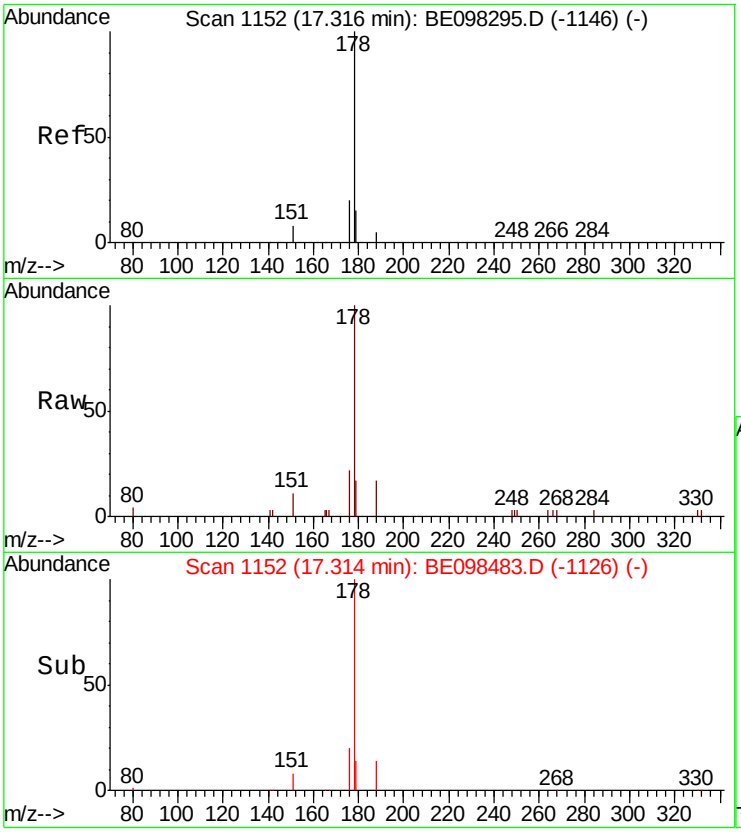


#22
Pentachlorophenol
Concen: 0.144 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:266 Resp: 59

Ion	Ratio	Lower	Upper
266	100		
264	85.2	59.0	88.4
268	93.4	55.1	82.7#



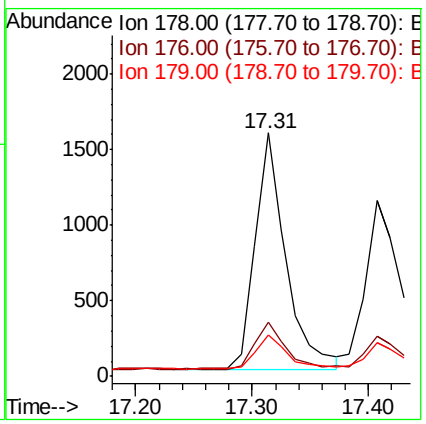


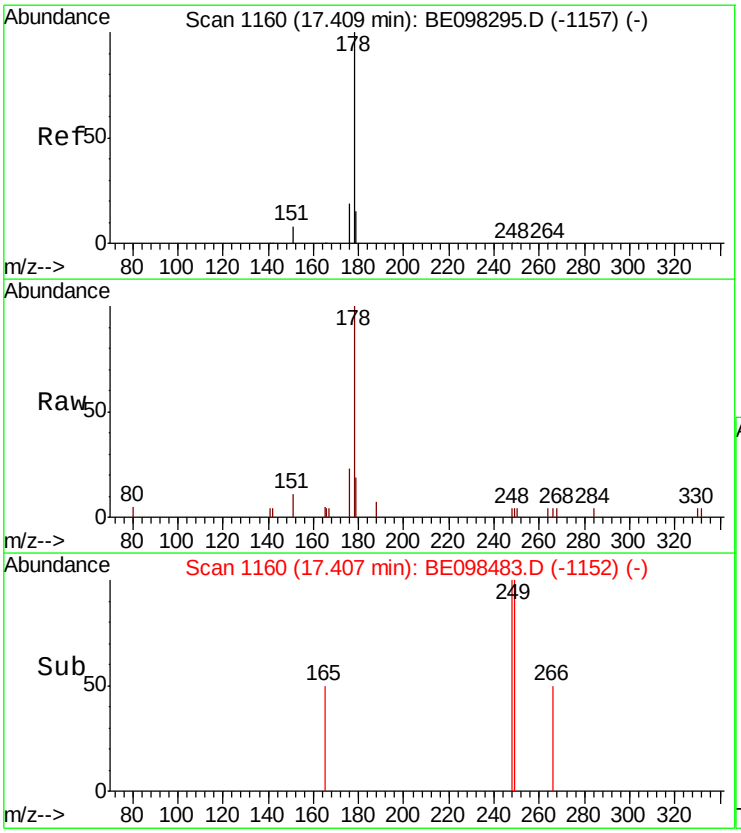
#23
Phenanthrene
Concen: 0.229 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:178 Resp: 2857

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.1	12.3	18.5

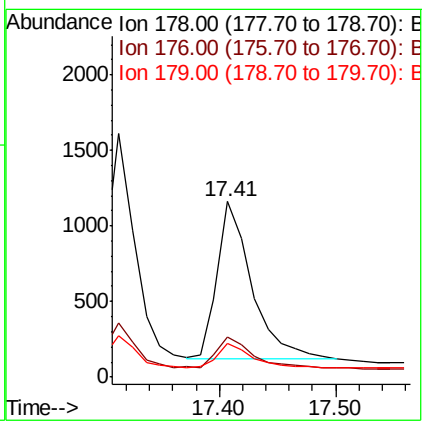


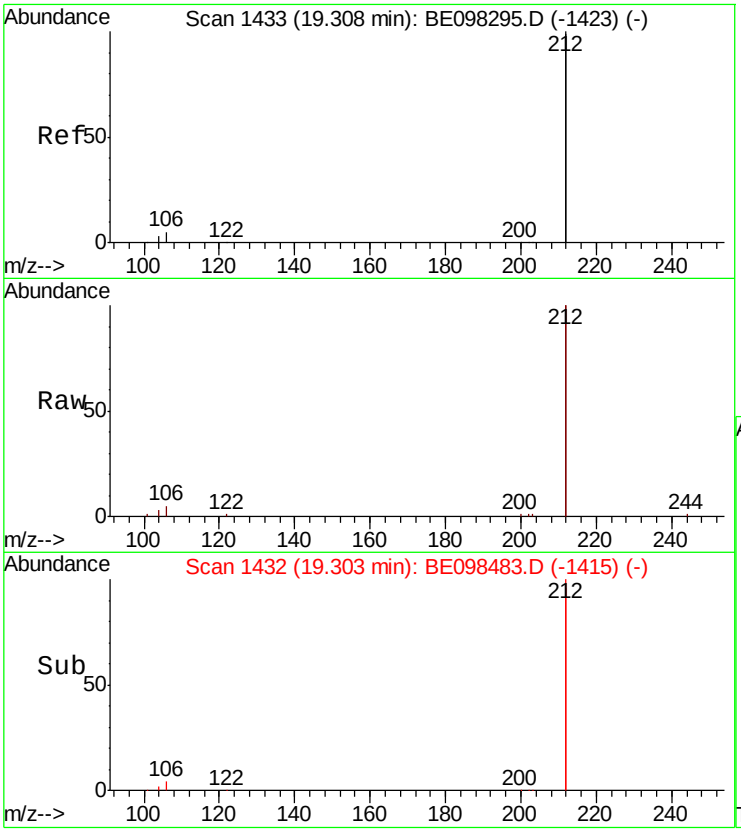


#24
Anthracene
Concen: 0.193 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:178 Resp: 2152

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.4
179	16.1	12.3	18.5



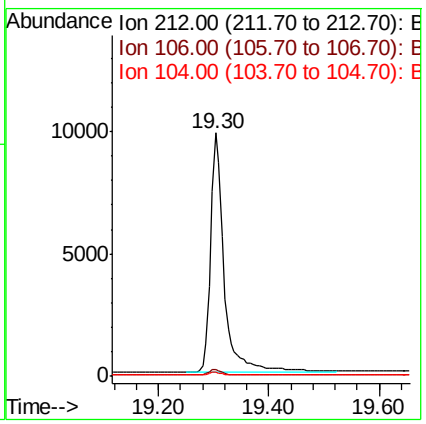


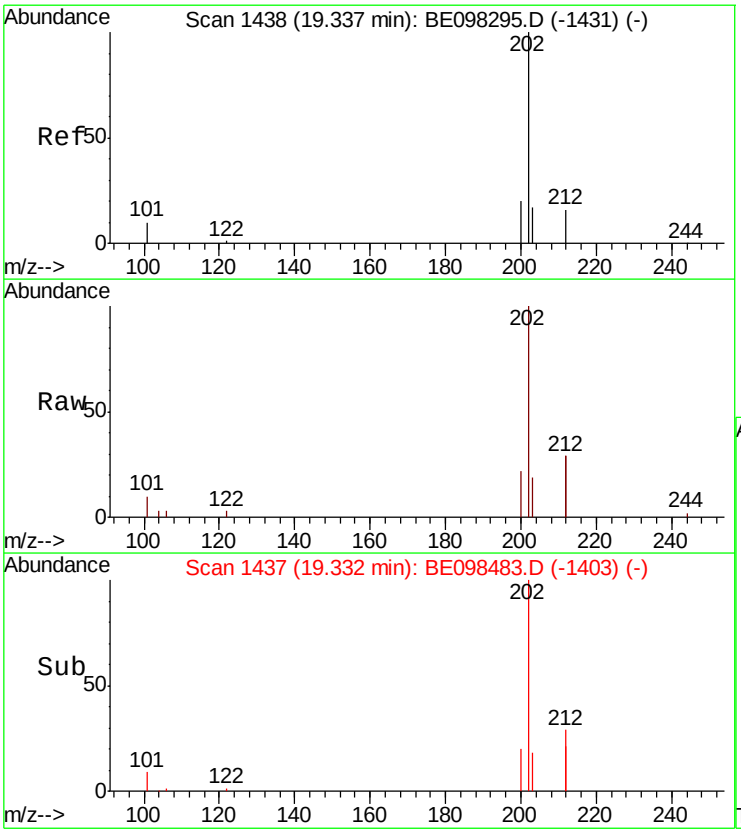
#25
Fluoranthene-d10
Concen: 0.251 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:212 Resp: 16576

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.2	1.3	1.9#

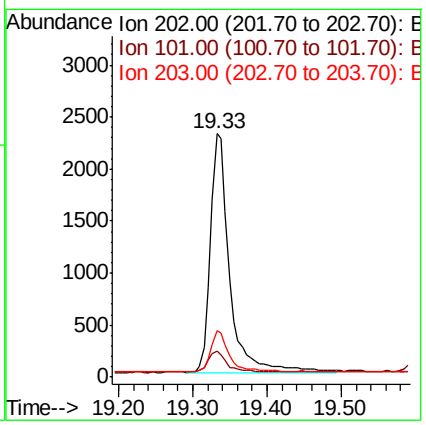


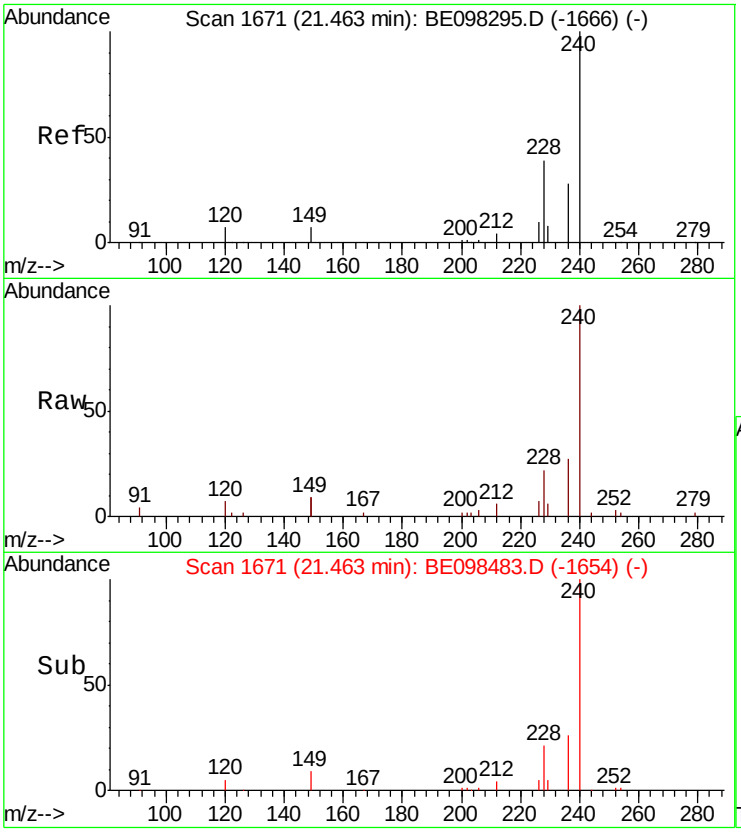


#26
Fluoranthene
Concen: 0.249 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:202 Resp: 4113

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.0	12.0
203	17.0	13.8	20.6



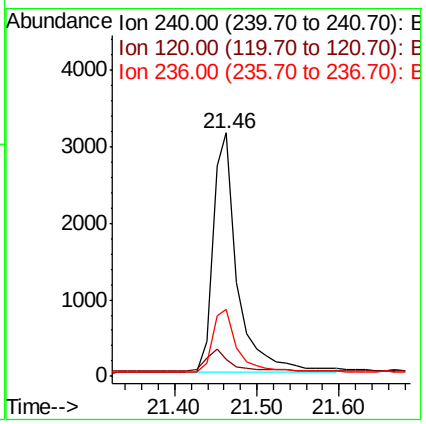


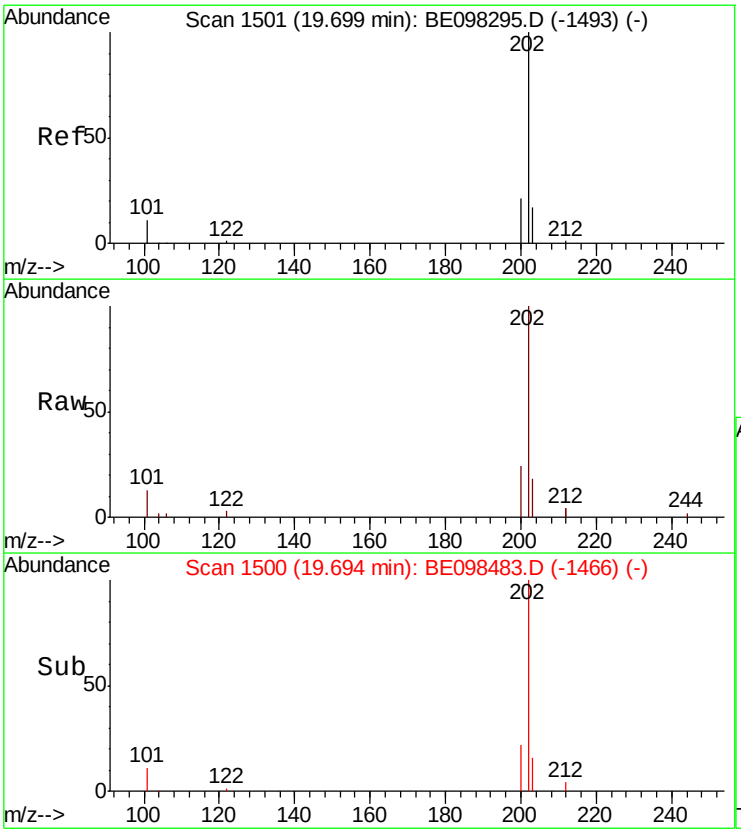
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:240 Resp: 6585

Ion	Ratio	Lower	Upper
240	100		
120	7.0	9.5	14.3#
236	27.4	22.7	34.1

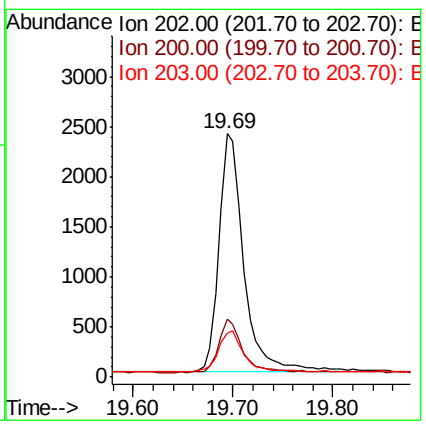


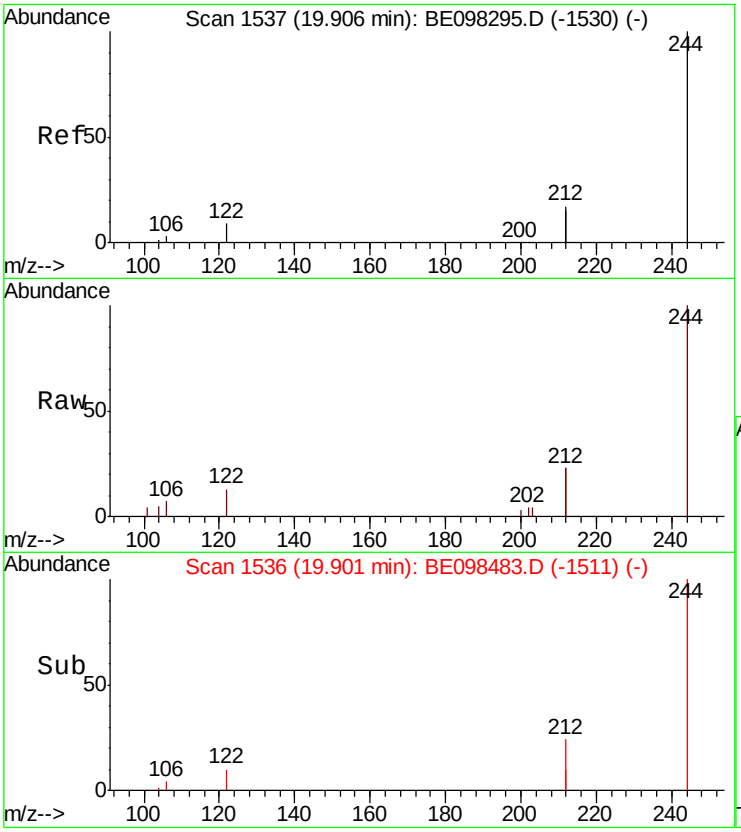


#28
Pyrene
Concen: 0.199 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:202 Resp: 4117

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.0	14.1	21.1



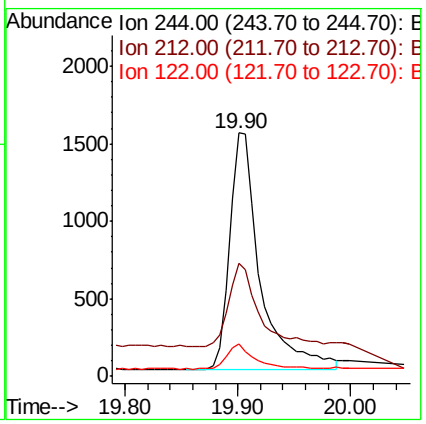


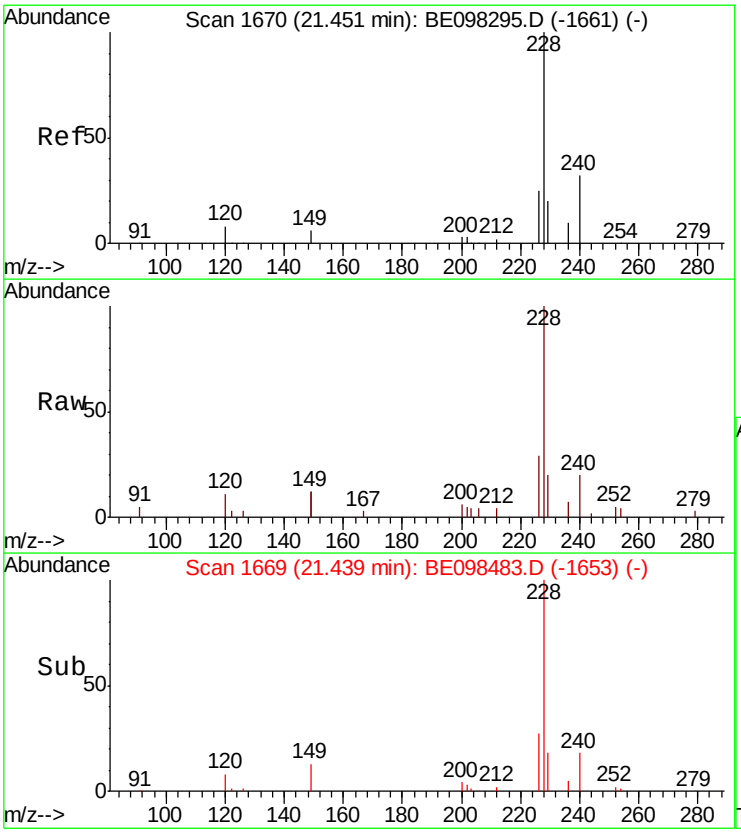
#29
Terphenyl-d14
Concen: 0.181 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:244 Resp: 2895

Ion	Ratio	Lower	Upper
244	100		
212	46.2	27.4	41.0#
122	13.2	8.3	12.5#

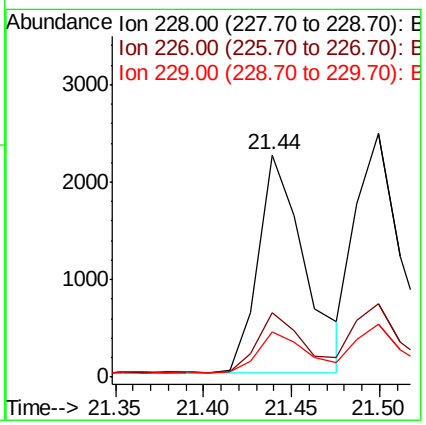


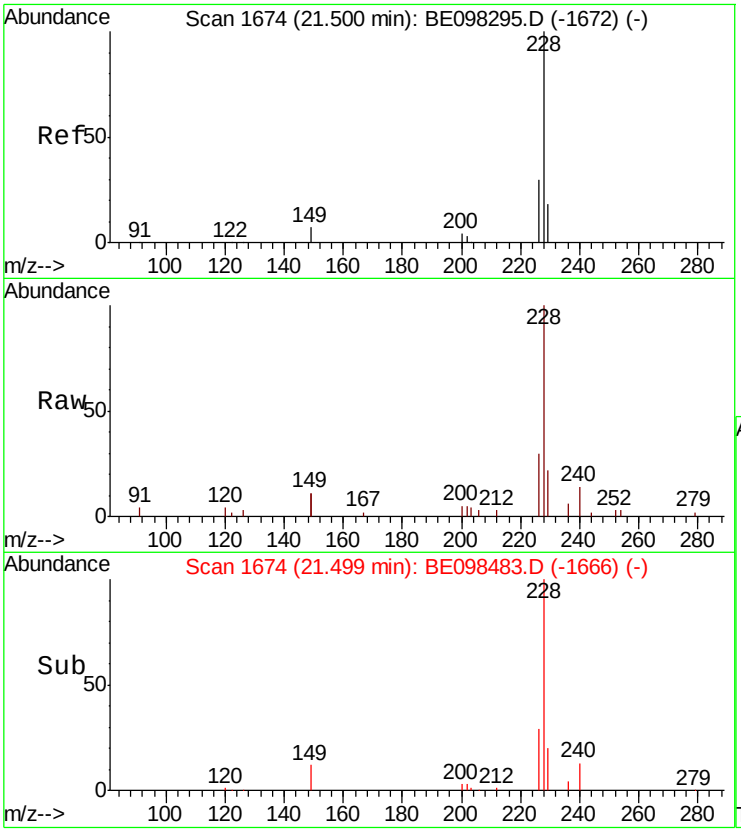


#30
Benzo(a)anthracene
Concen: 0.218 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:228 Resp: 4094

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.8
229	20.3	16.3	24.5



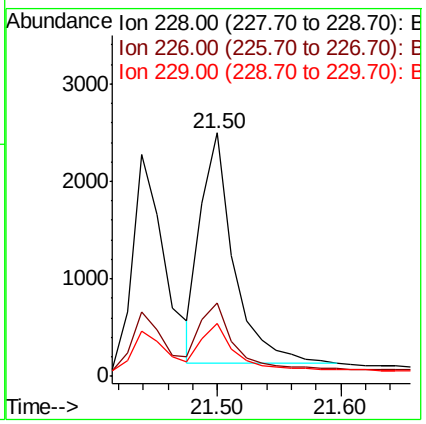


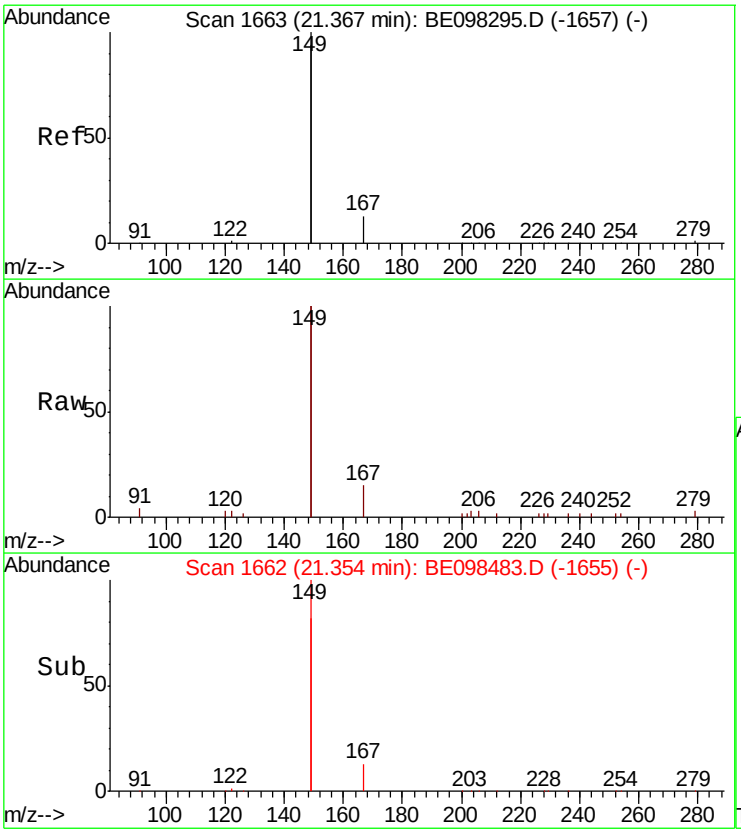
#31
Chrysene
Concen: 0.224 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:228 Resp: 4399

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	21.5	16.2	24.4

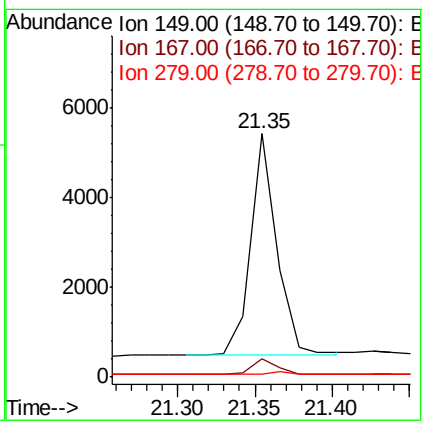


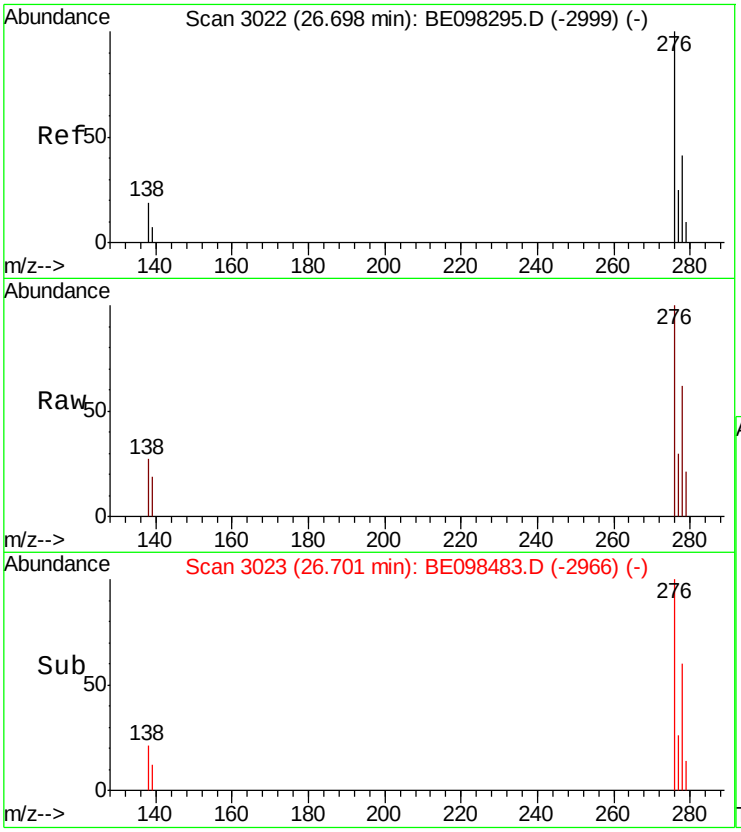


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.151 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:149 Resp: 5758

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.7	8.5
279	1.4	1.0	1.4



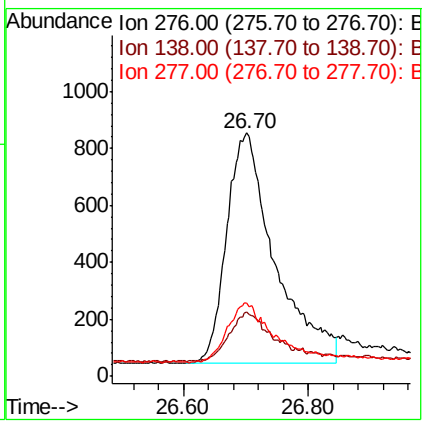


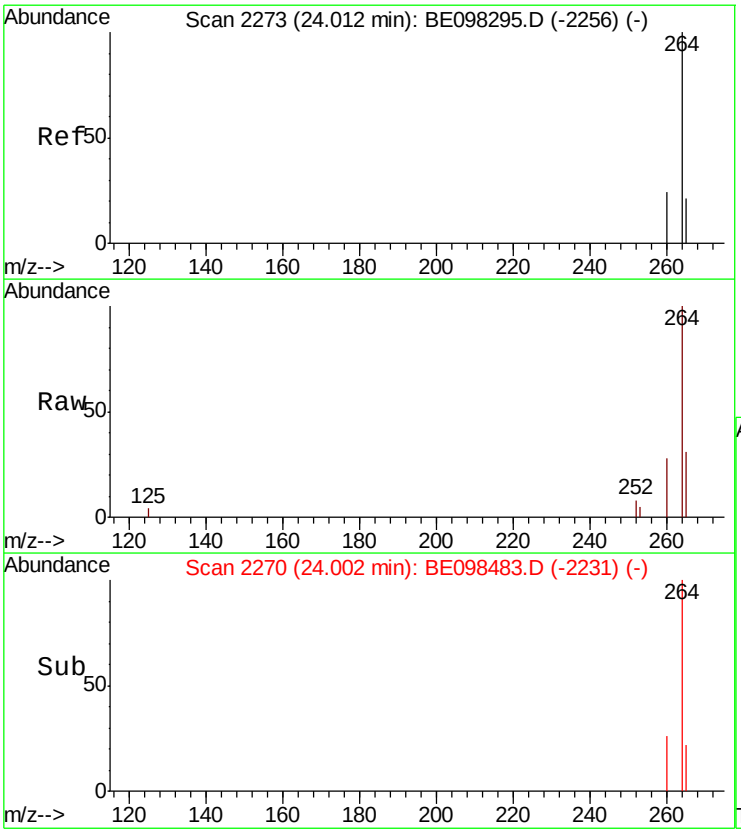
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.223 ng
RT: 26.70 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:276 Resp: 4358

Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.3	24.5
277	24.1	20.2	30.4

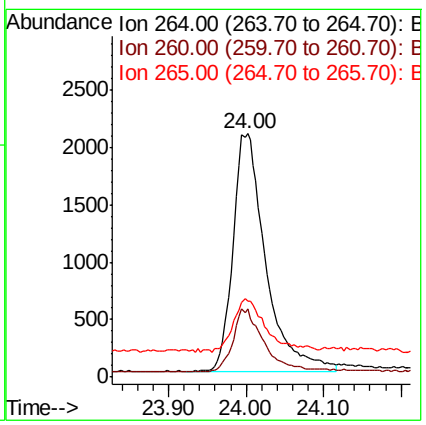


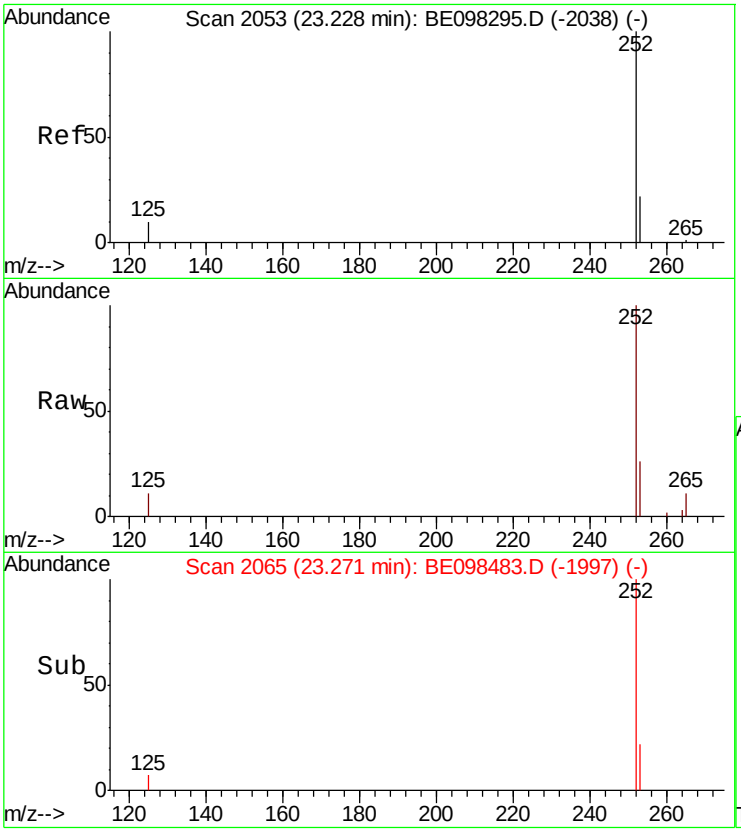


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:264 Resp: 6096

Ion	Ratio	Lower	Upper
264	100		
260	27.8	20.2	30.2
265	31.1	25.2	37.8



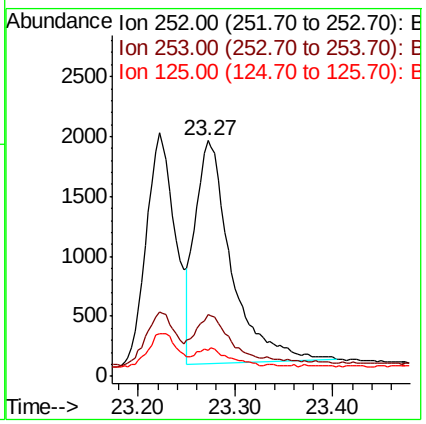


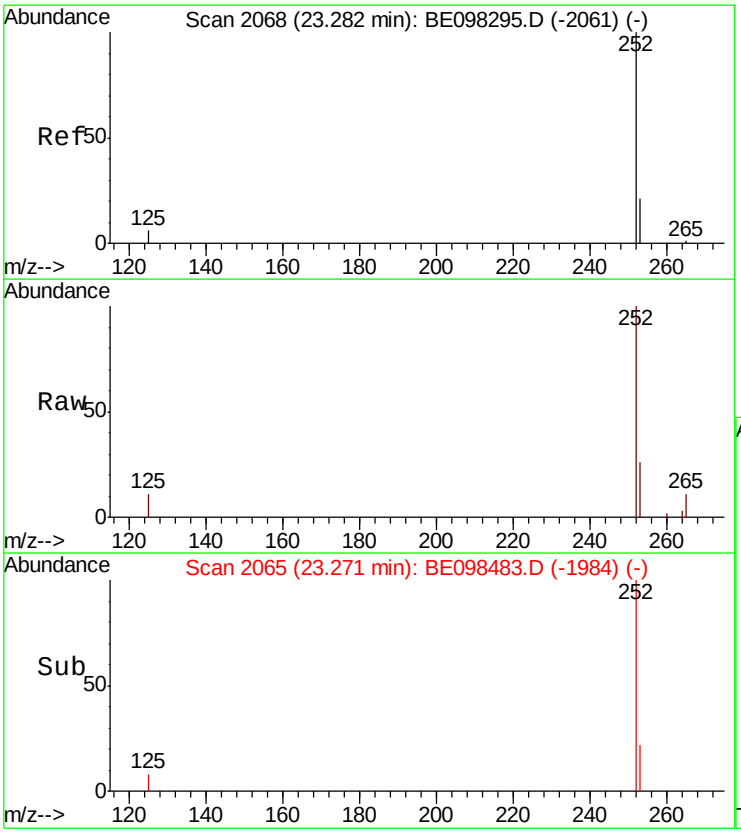
#35
Benzo(b)fluoranthene
Concen: 0.288 ng
RT: 23.27 min Scan# 2065
Delta R.T. 0.04 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:252 Resp: 4809

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.0	30.0
125	11.2	9.6	14.4

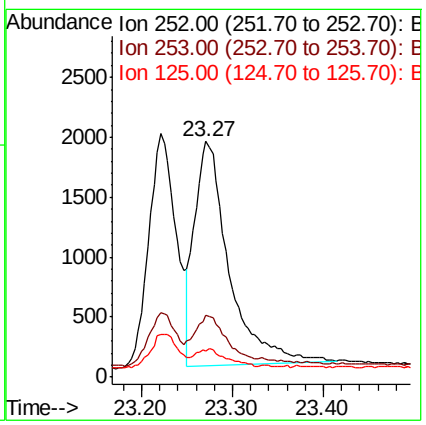


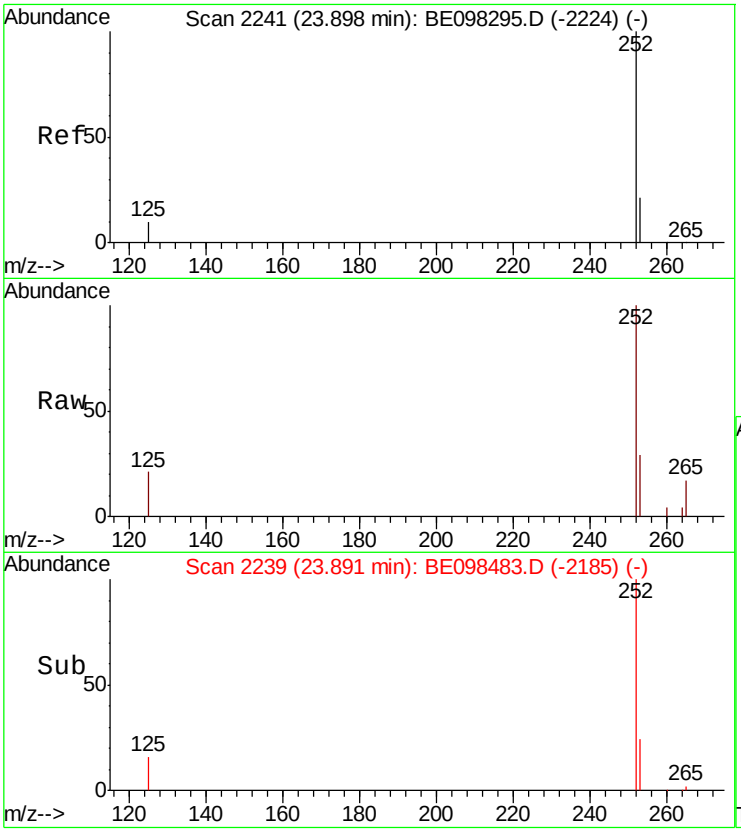


#36
Benzo(k)fluoranthene
Concen: 0.252 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:252 Resp: 4895

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.0	28.6
125	11.2	9.1	13.7



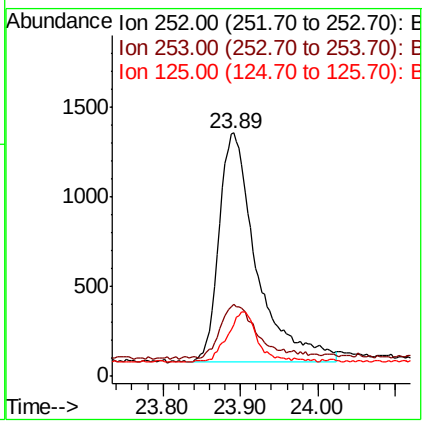


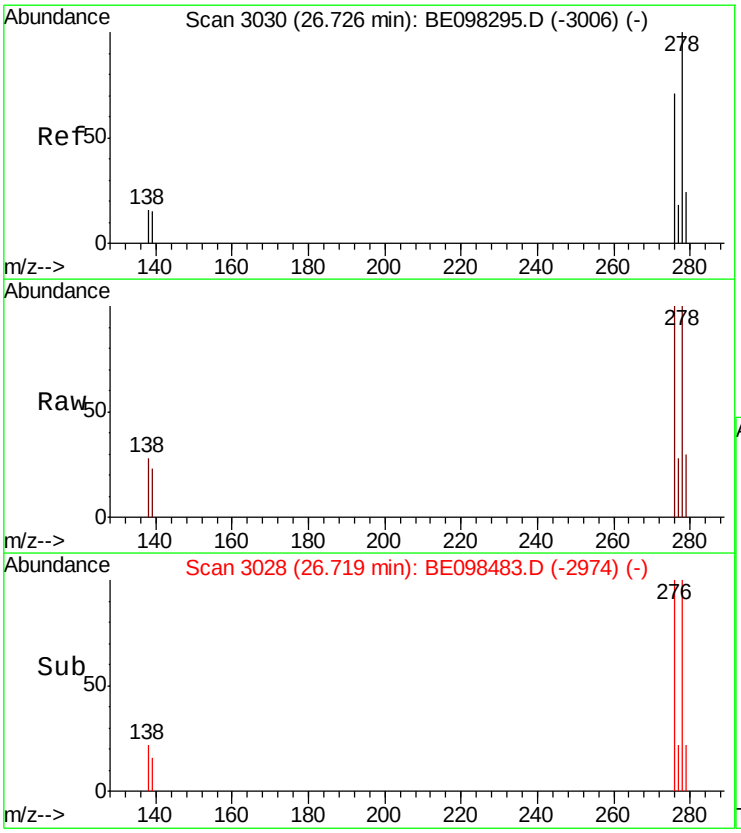
#37
Benzo(a)pyrene
Concen: 0.251 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:252 Resp: 4310

Ion	Ratio	Lower	Upper
252	100		
253	29.5	20.6	30.8
125	20.9	10.5	15.7#

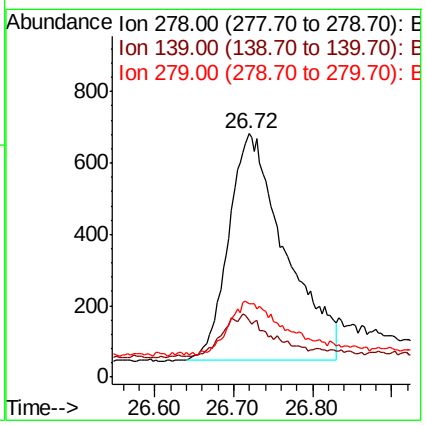


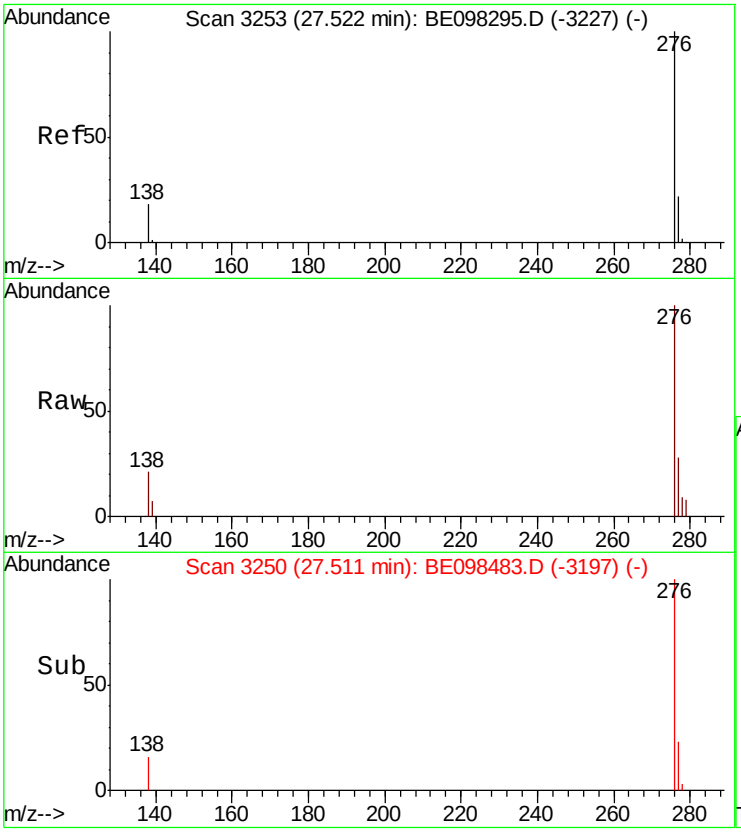


#38
Dibenzo(a,h)anthracene
Concen: 0.195 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Tgt Ion:278 Resp: 3162

Ion	Ratio	Lower	Upper
278	100		
139	23.5	14.5	21.7#
279	30.4	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.220 ng
RT: 27.51 min Scan# 3250
Delta R.T. -0.01 min
Lab File: BE098483.D
Acq: 15 Dec 2018 21:51

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tgt Ion:276 Resp: 3598

Ion	Ratio	Lower	Upper
276	100		
277	27.8	20.8	31.2
138	20.9	15.8	23.6