Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
Data File : BE099847.D
Acq On : 7 Jun 2019 11:41
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jun 07 14:45:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 14:29:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	663	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	2415	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	1842	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6254	0.40	ng		0.00
27) Chrysene-d12	21.40	240	10262	0.40	ng		0.00
34) Perylene-d12	23.94	264	11341	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	481	0.30	ng		0.00
5) Phenol-d6	6.96	99	534	0.26	ng		0.00
8) Nitrobenzene-d5	8.96	82	475	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	870	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	349	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	1298	0.19	ng		0.00
25) Fluoranthene-d10	19.25	212	18500	0.20	ng		0.00
29) Terphenyl-d14	19.85	244	3871	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	184	0.191	ng	#	94
3) n-Nitrosodimethylamine	3.60	42	149	0.292	ng	#	75
6) bis(2-Chloroethyl)ether	7.22	93	397	0.218	ng	#	95
9) Naphthalene	10.65	128	5226	0.203	ng	#	97
10) Hexachlorobutadiene	10.93	225	409	0.208	ng		95
12) 2-Methylnaphthalene	12.28	142	835	0.203	ng		94
16) Acenaphthylene	14.20	152	1824	0.205	ng		98
17) Acenaphthene	14.54	154	953	0.196	ng		94
18) Fluorene	15.51	166	1485	0.207	ng		96
20) 4-Bromophenyl-phenylether	16.41	248	696	0.199	ng	#	93
21) Hexachlorobenzene	16.52	284	668	0.175	ng		98
22) Pentachlorophenol	16.91	266	74	0.105	ng		99
23) Phenanthrene	17.27	178	2942	0.197	ng		99
24) Anthracene	17.36	178	2660	0.197	ng		99
26) Fluoranthene	19.28	202	5229	0.200	ng		99
28) Pyrene	19.65	202	5546	0.224	ng		99
30) Benzo(a)anthracene	21.39	228	6373	0.225	ng		95
31) Chrysene	21.44	228	6441	0.206	ng		95
32) Bis(2-ethylhexyl)phthalate	21.30	149	11186	0.344	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	7535	0.201	ng		99
35) Benzo(b)fluoranthene	23.16	252	6094	0.194	ng	#	82
36) Benzo(k)fluoranthene	23.21	252	6161	0.185	ng	#	85
37) Benzo(a)pyrene	23.83	252	5946	0.195	ng	#	77
38) Dibenzo(a,h)anthracene	26.66	278	5891	0.190	ng	#	84
39) Benzo(g,h,i)perylene	27.46	276	6237	0.192	ng	#	89

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

Quantitation Report (QT Reviewed)

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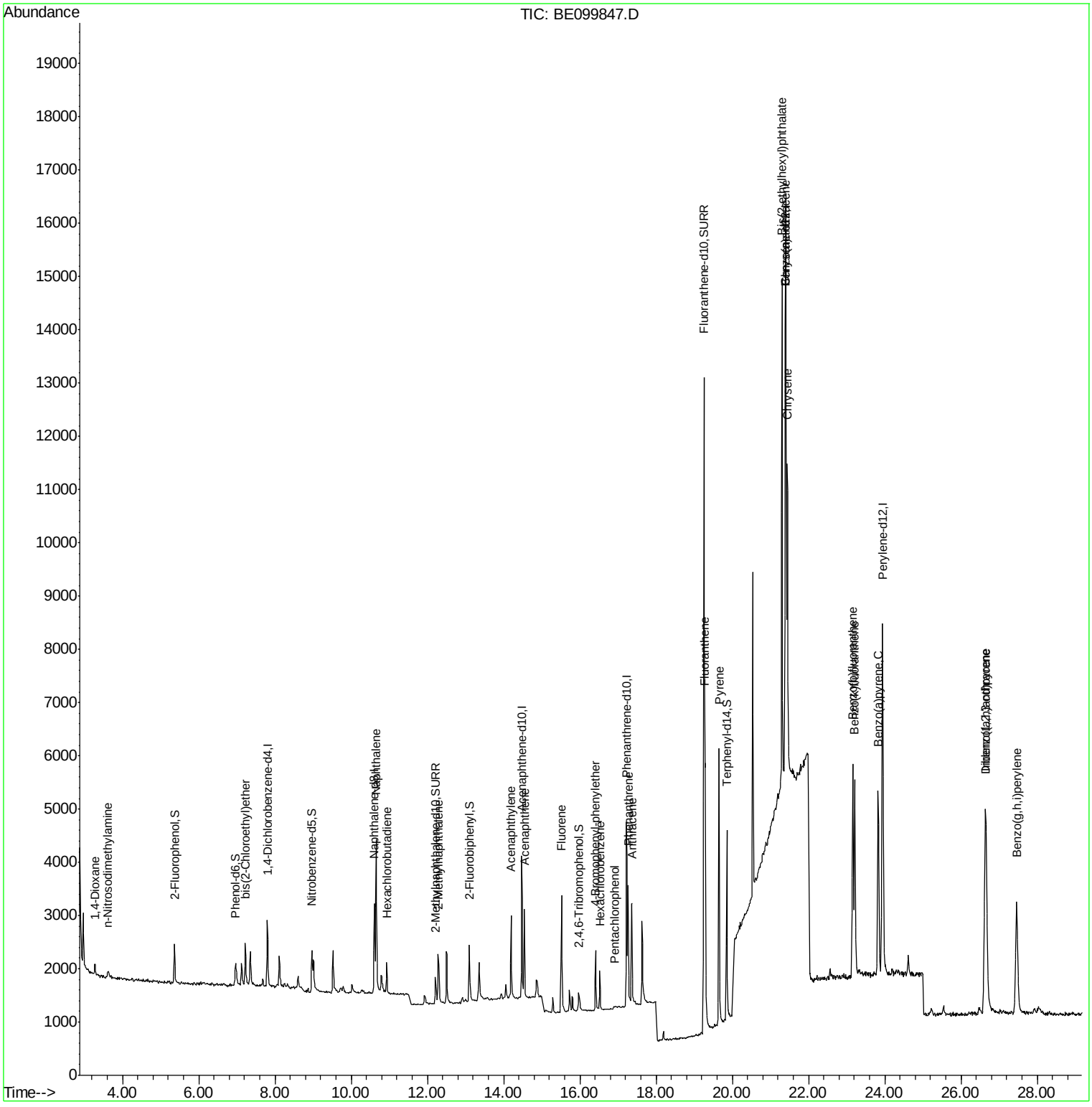
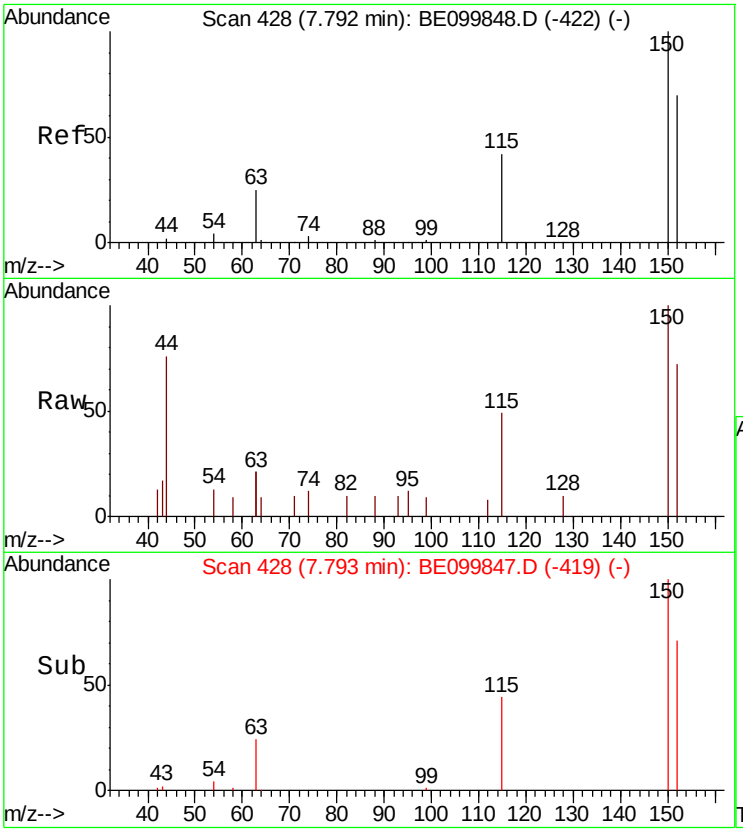
Data File : BE099847.D
Acq On : 7 Jun 2019 11:41
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 07 14:45:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 14:29:55 2019
Response via : Initial Calibration



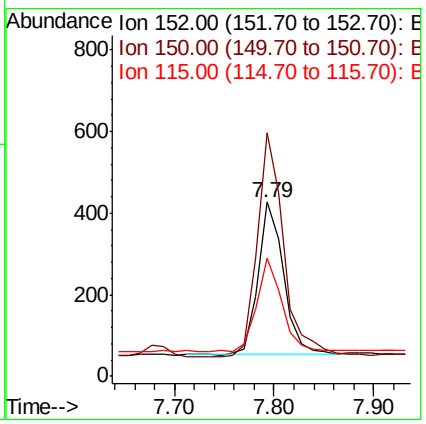


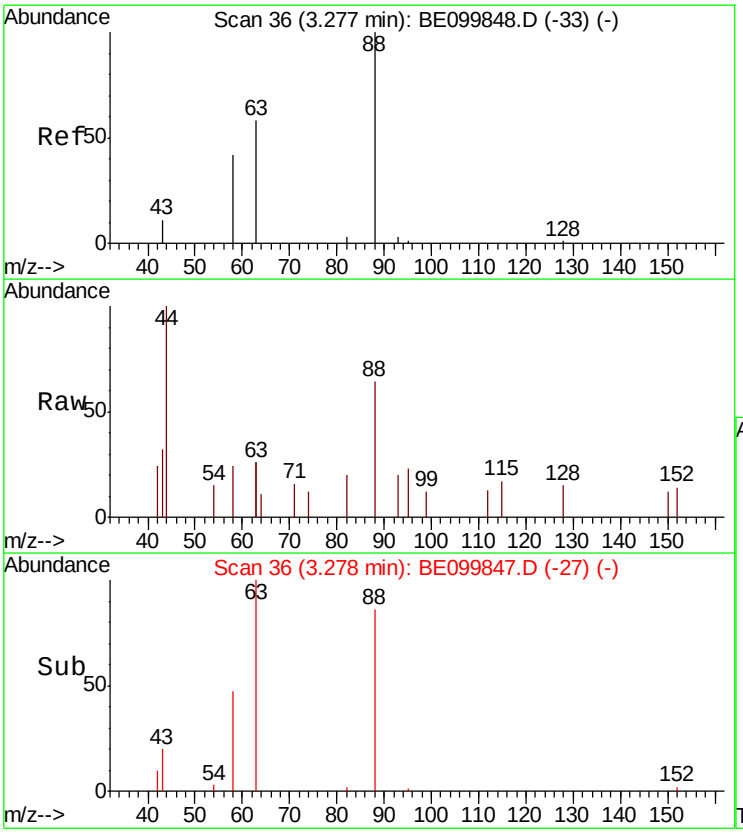
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 663

Ion	Ratio	Lower	Upper
152	100		
150	139.8	109.4	164.2
115	68.1	55.4	83.0

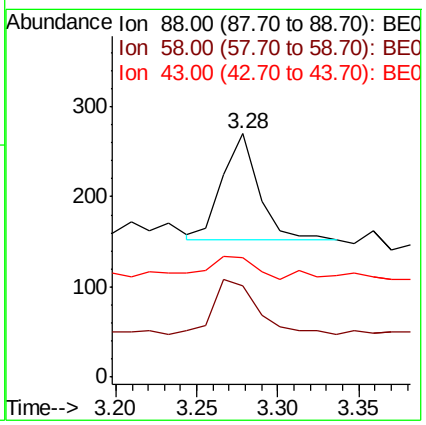


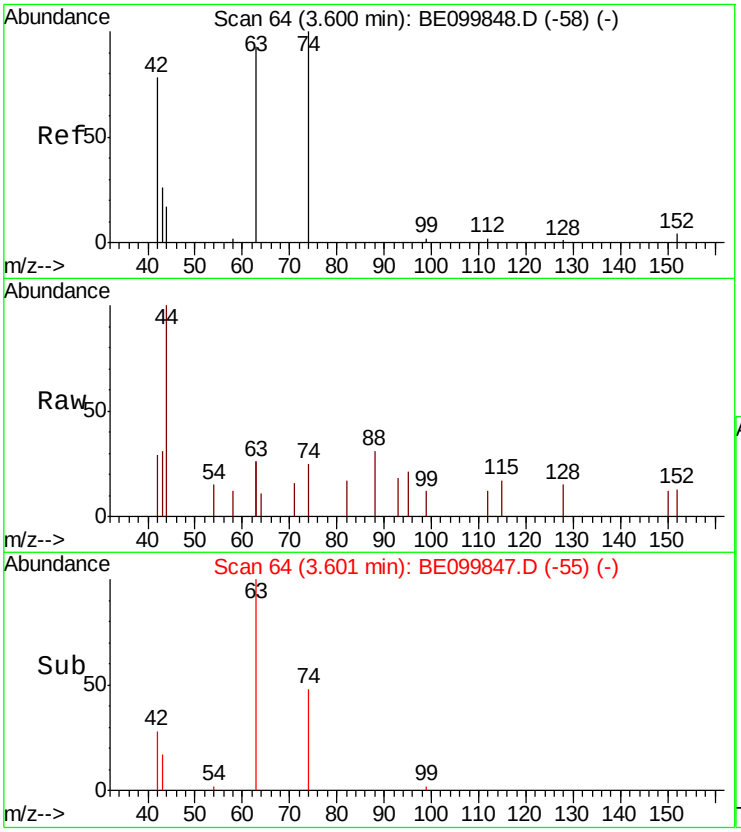


#2
1,4-Dioxane
Concen: 0.191 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion: 88 Resp: 184

Ion	Ratio	Lower	Upper
88	100		
58	60.9	48.2	72.4
43	34.8	19.7	29.5#



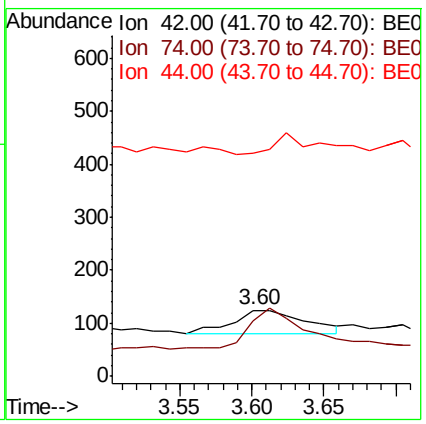


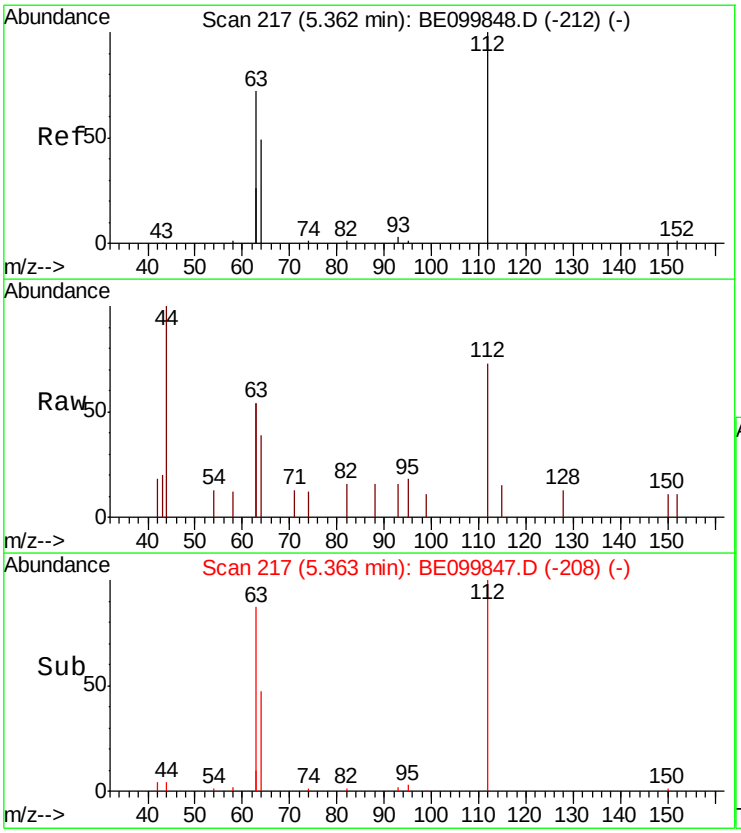
#3
n-Nitrosodimethylamine
Concen: 0.292 ng
RT: 3.60 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 149

Ion	Ratio	Lower	Upper
42	100		
74	126.8	128.1	192.1#
44	0.0	0.0	0.0

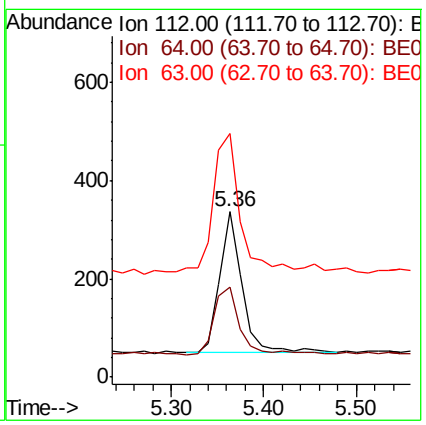


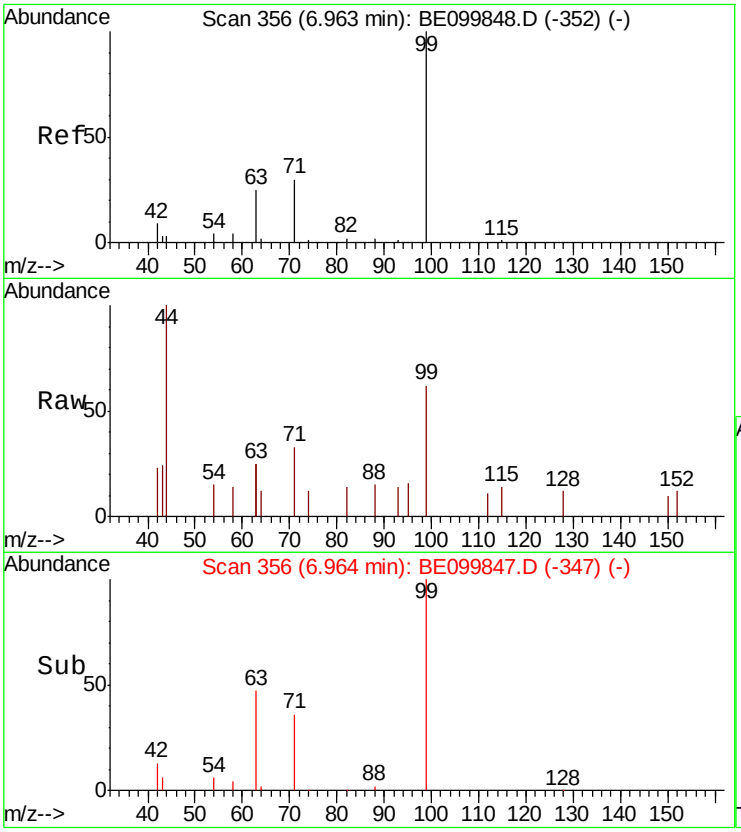


#4
2-Fluorophenol
Concen: 0.298 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:112 Resp: 481

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.1	66.1
63	115.6	93.4	140.0



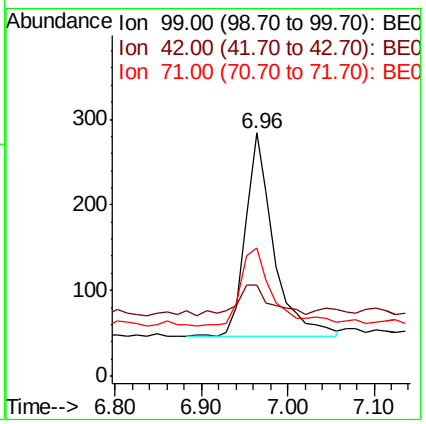


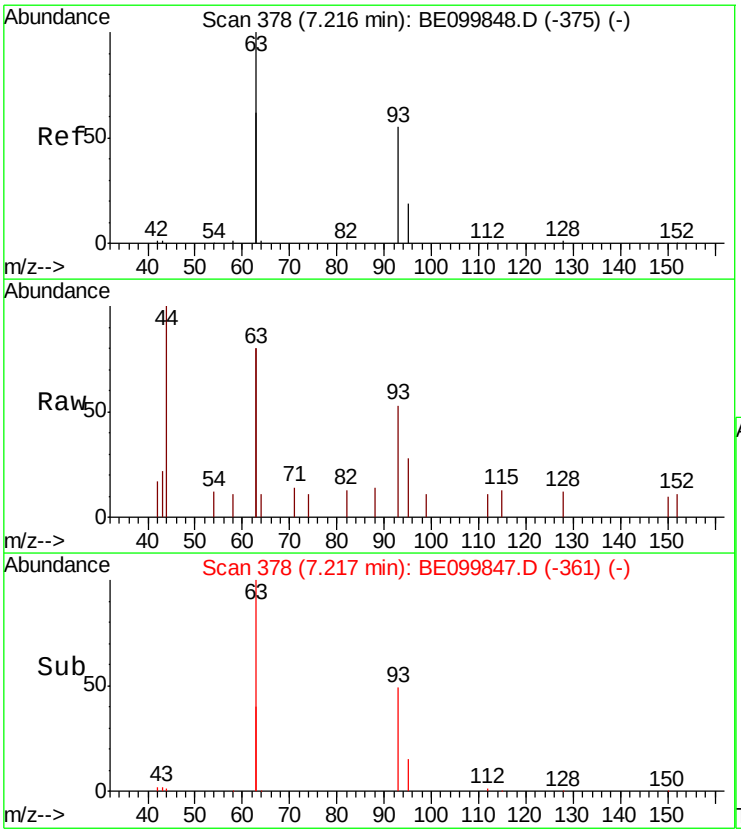
#5
Phenol-d6
Concen: 0.257 ng
RT: 6.96 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 534

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	47.8	27.6	41.4#

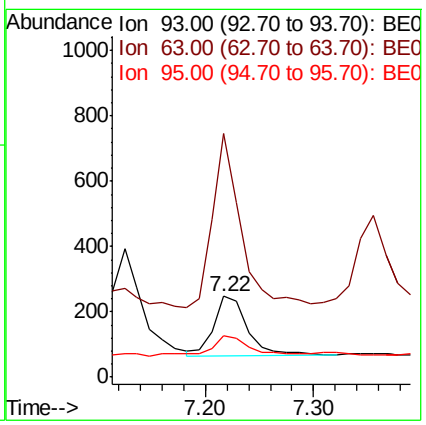


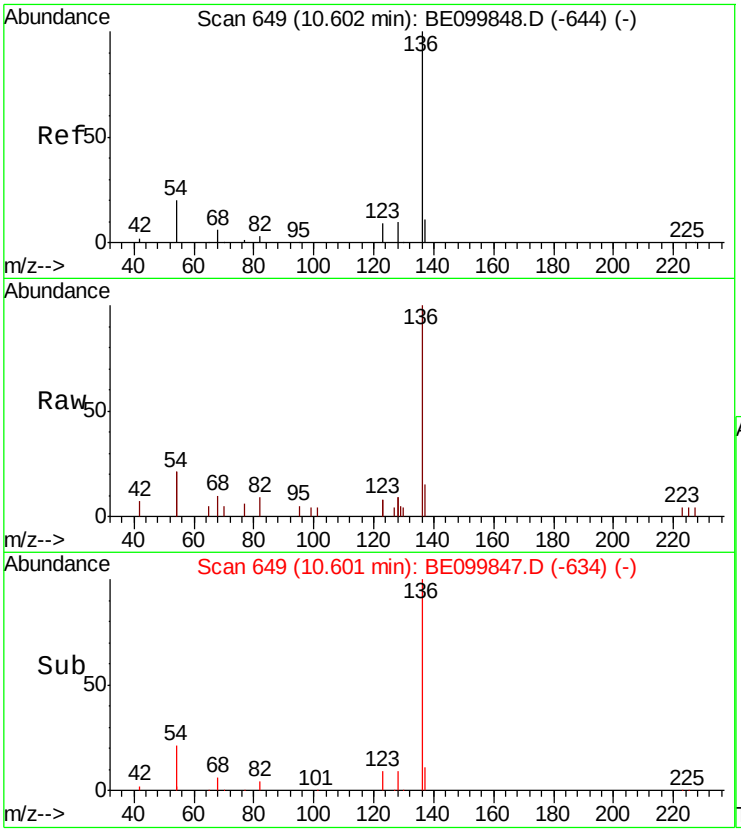


#6
bis(2-Chloroethyl)ether
Concen: 0.218 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion: 93 Resp: 397

Ion	Ratio	Lower	Upper
93	100		
63	245.1	200.8	301.2
95	43.3	27.0	40.4#



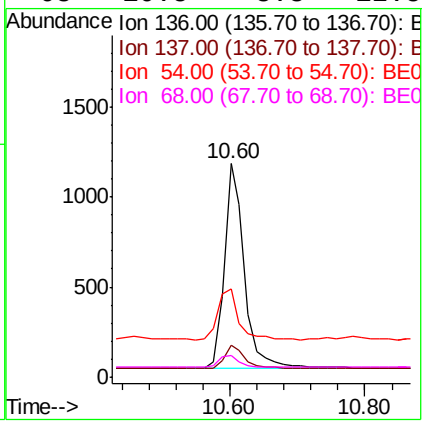


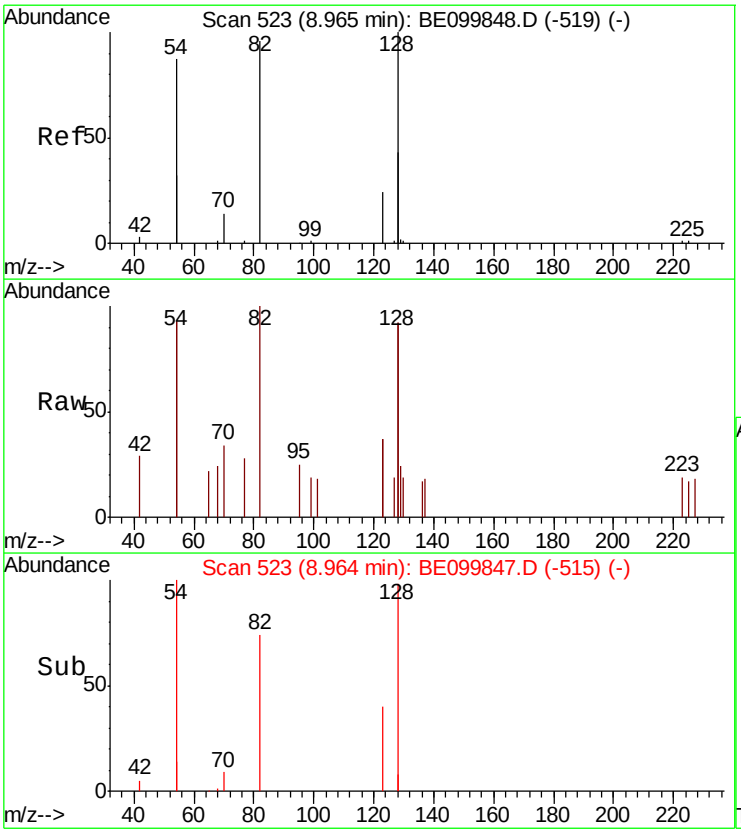
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 2415

Ion	Ratio	Lower	Upper
136	100		
137	14.9	11.8	17.6
54	41.2	30.2	45.4
68	10.5	8.3	12.5

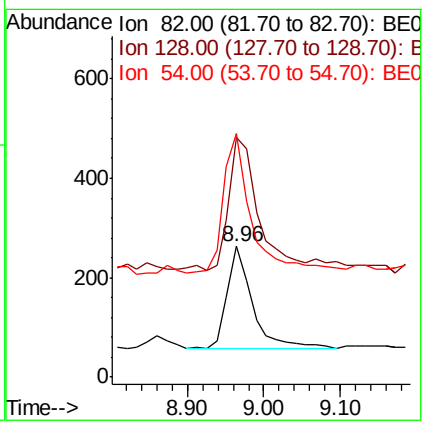


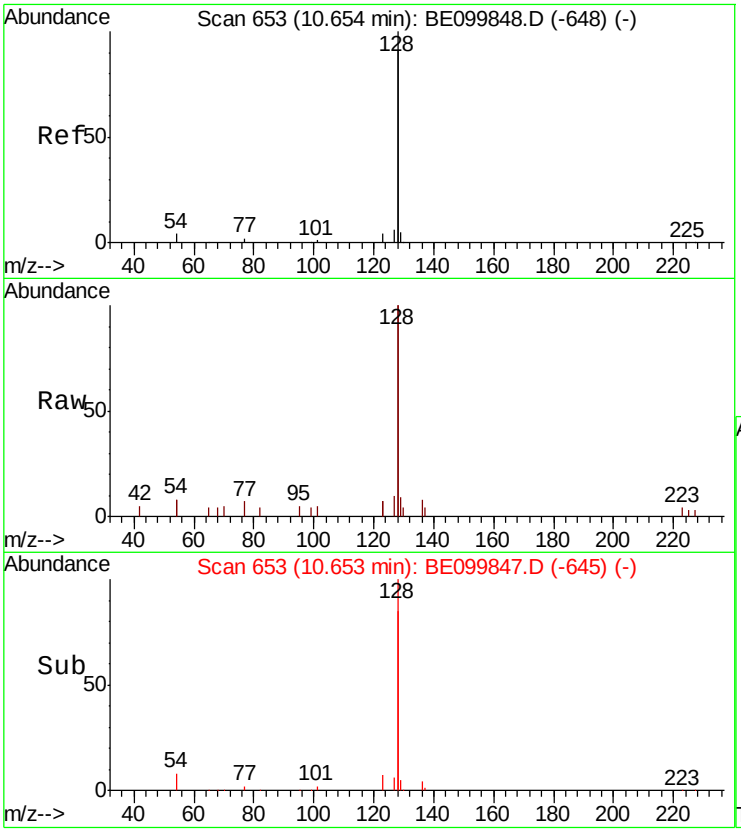


#8
Nitrobenzene-d5
Concen: 0.224 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion: 82 Resp: 475

Ion	Ratio	Lower	Upper
82	100		
128	183.3	144.9	217.3
54	186.3	125.8	188.8



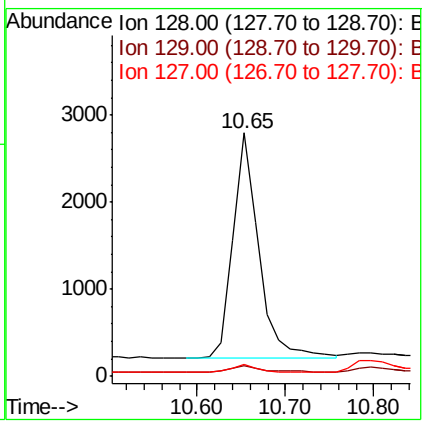


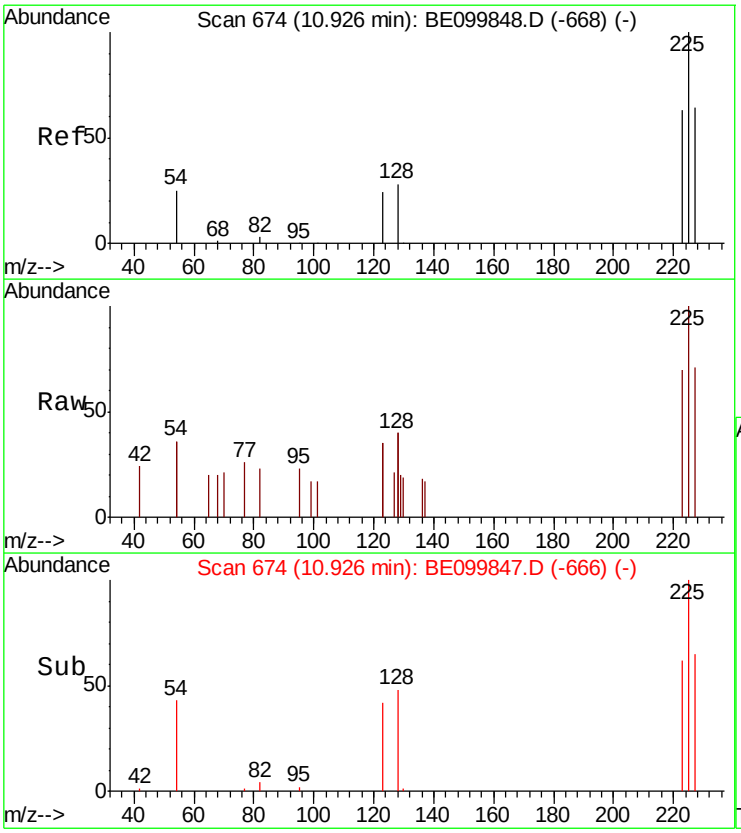
#9
Naphthalene
Concen: 0.203 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 5226

Ion	Ratio	Lower	Upper
128	100		
129	4.5	2.9	4.3#
127	4.8	3.2	4.8#

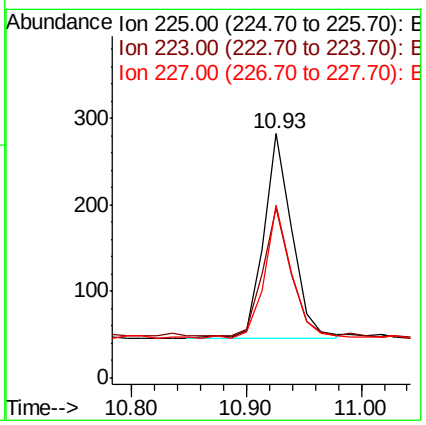


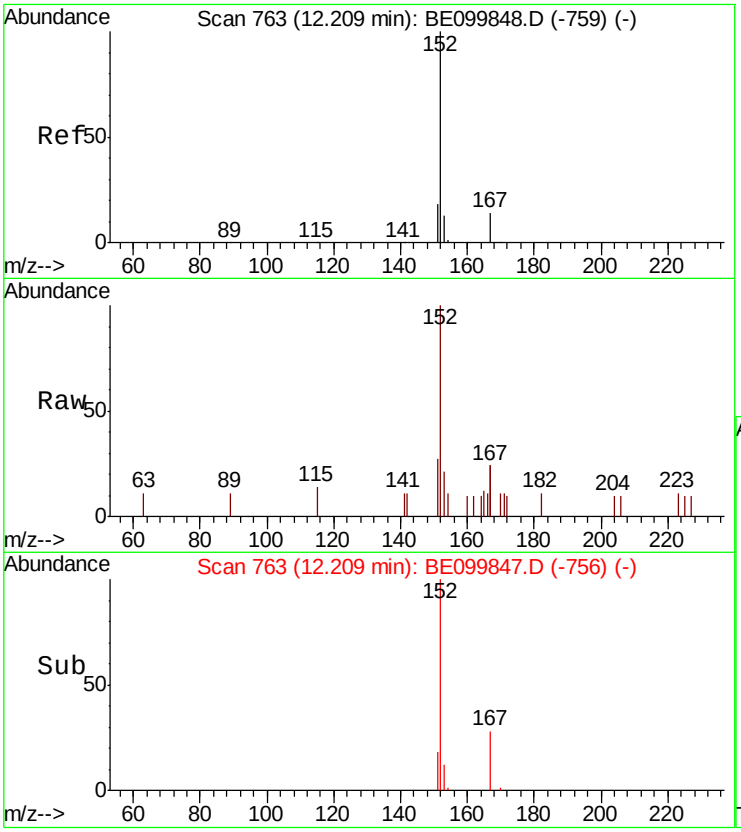


#10
Hexachlorobutadiene
Concen: 0.208 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:225 Resp: 409

Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.3	78.5
227	60.9	51.6	77.4



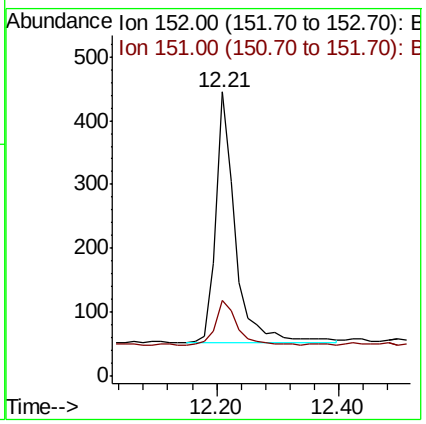


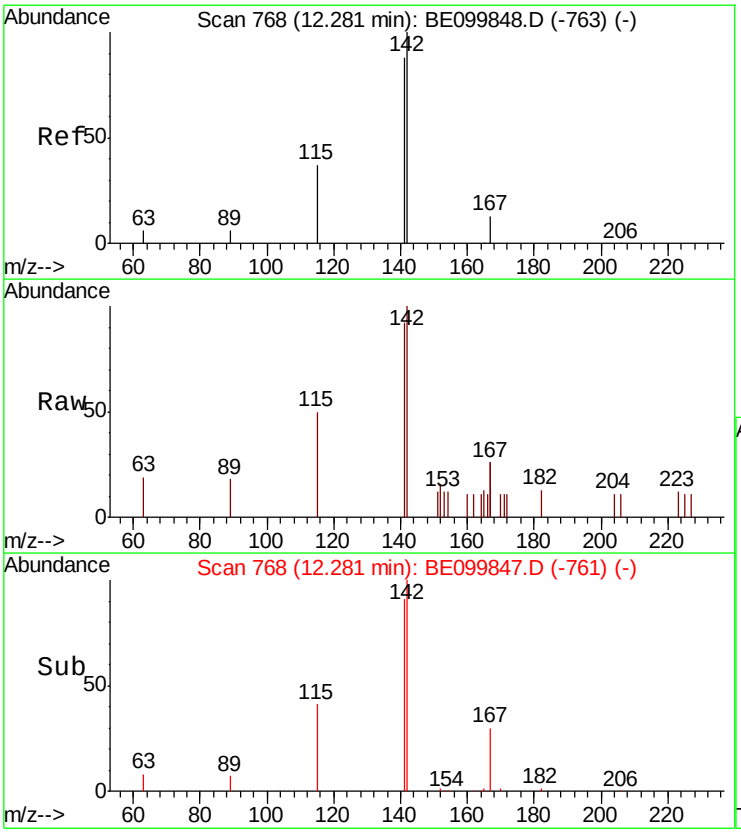
#11
2-Methylnaphthalene-d10
Concen: 0.210 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 870

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0

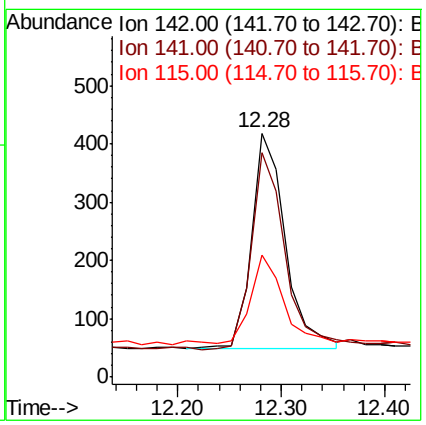


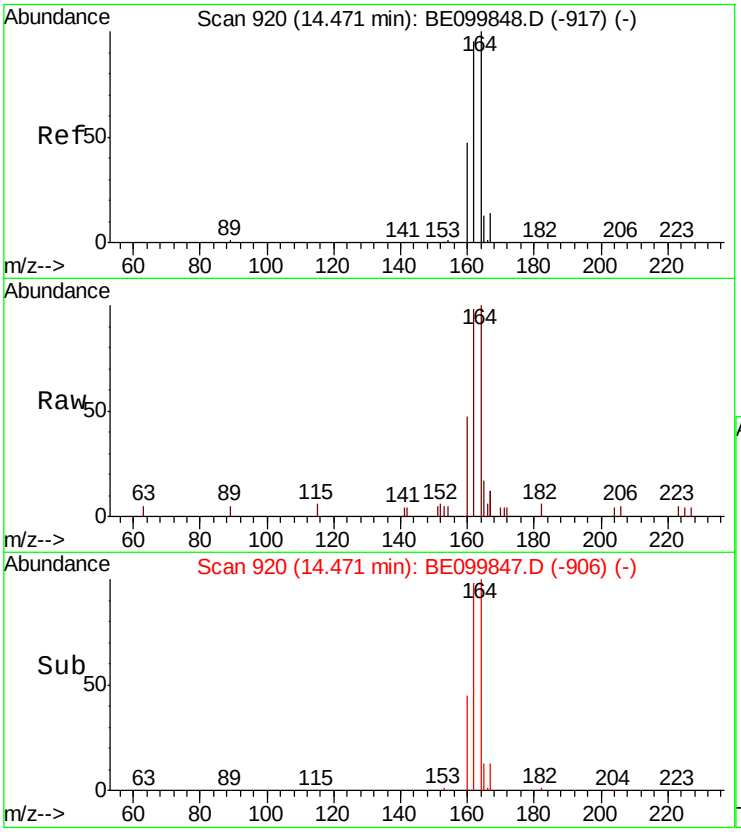


#12
2-Methylnaphthalene
Concen: 0.203 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:142 Resp: 835

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.1	106.7
115	50.2	34.1	51.1



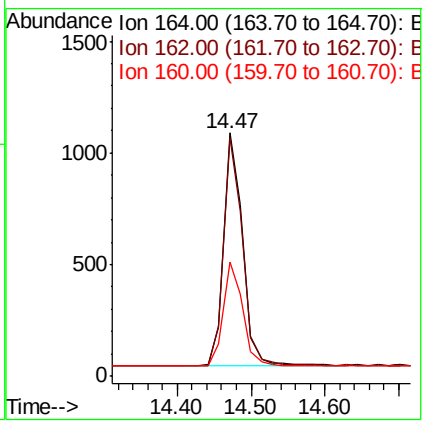


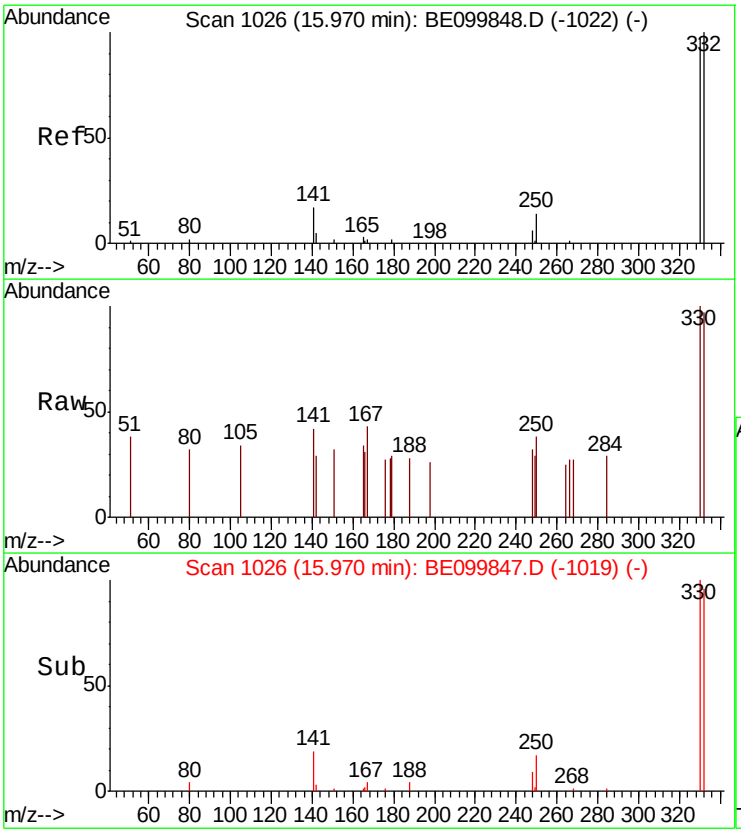
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 1842

Ion	Ratio	Lower	Upper
164	100		
162	97.8	76.5	114.7
160	47.2	39.7	59.5

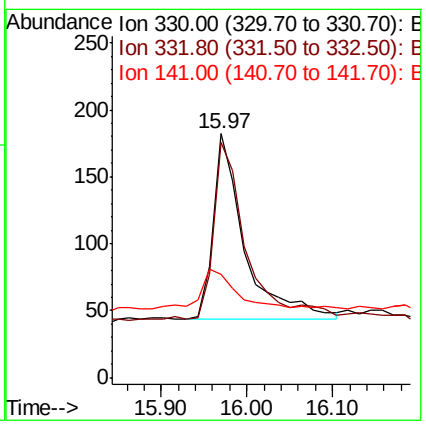


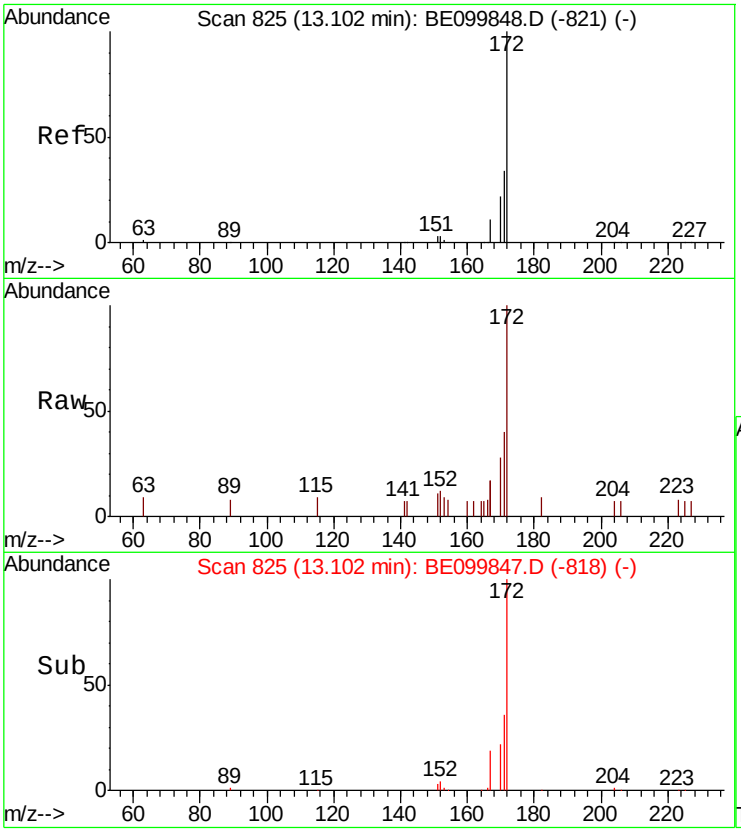


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:330 Resp: 349

Ion	Ratio	Lower	Upper
330	100		
332	100.3	81.7	122.5
141	25.2	21.7	32.5



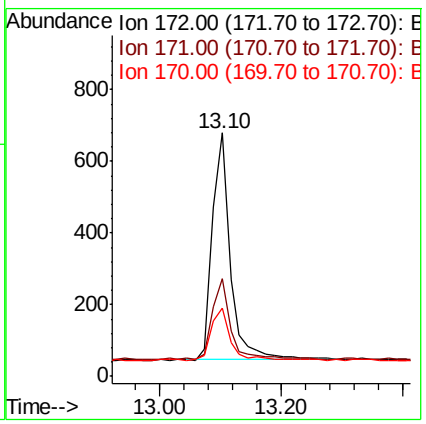


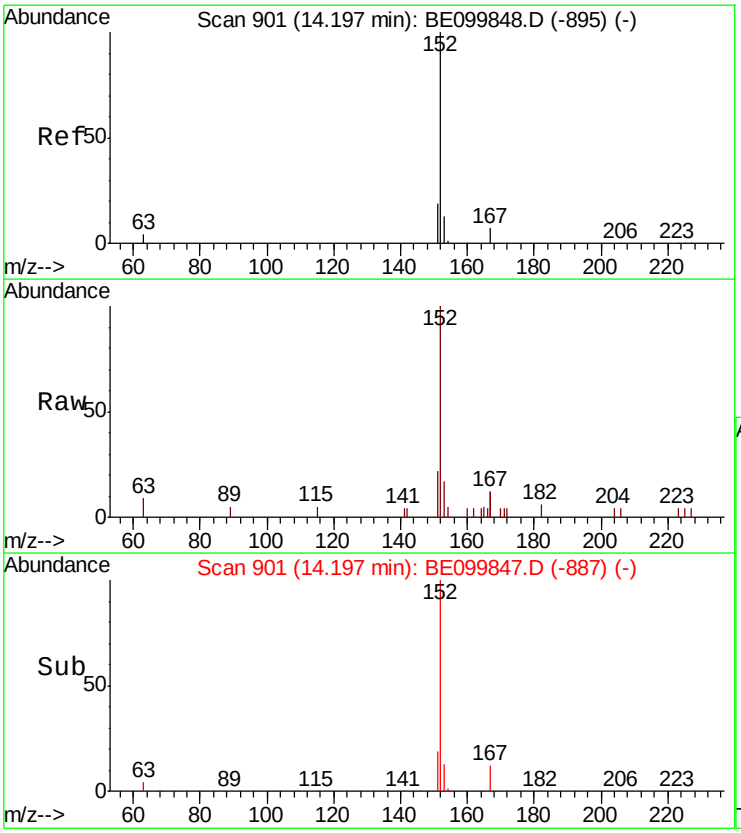
#15
2-Fluorobiphenyl
Concen: 0.190 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1298

Ion	Ratio	Lower	Upper
172	100		
171	40.4	29.8	44.6
170	27.8	20.4	30.6

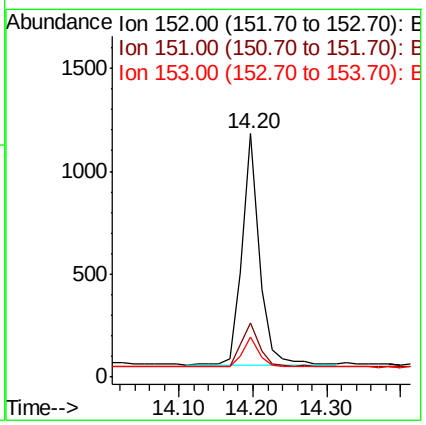


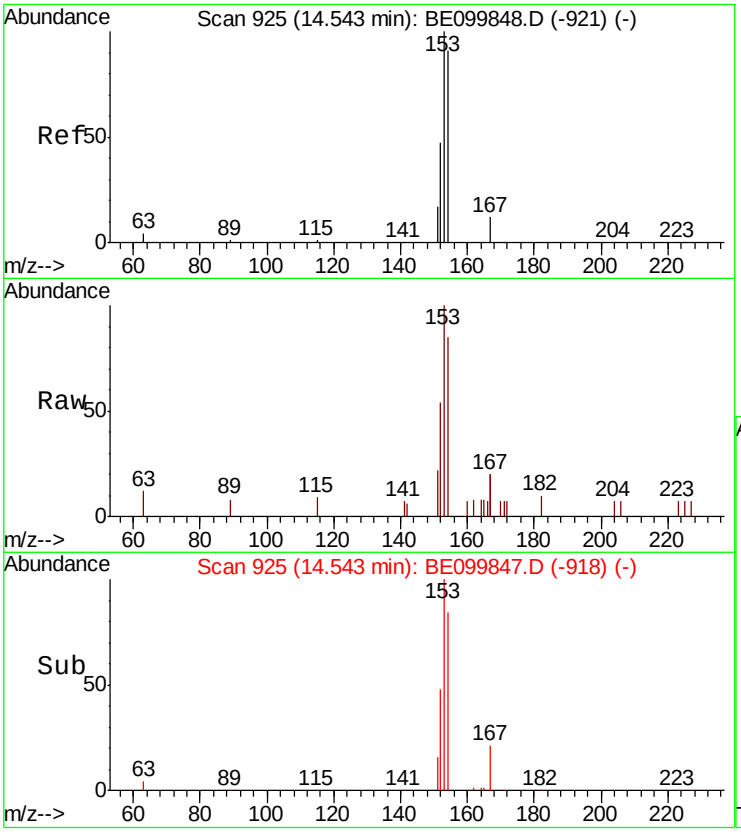


#16
Acenaphthylene
Concen: 0.205 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:152 Resp: 1824

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.0	24.0
153	12.4	10.6	15.8



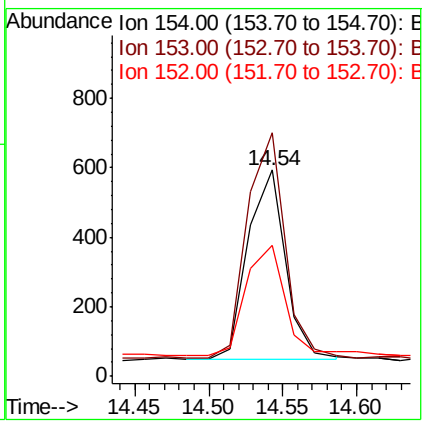


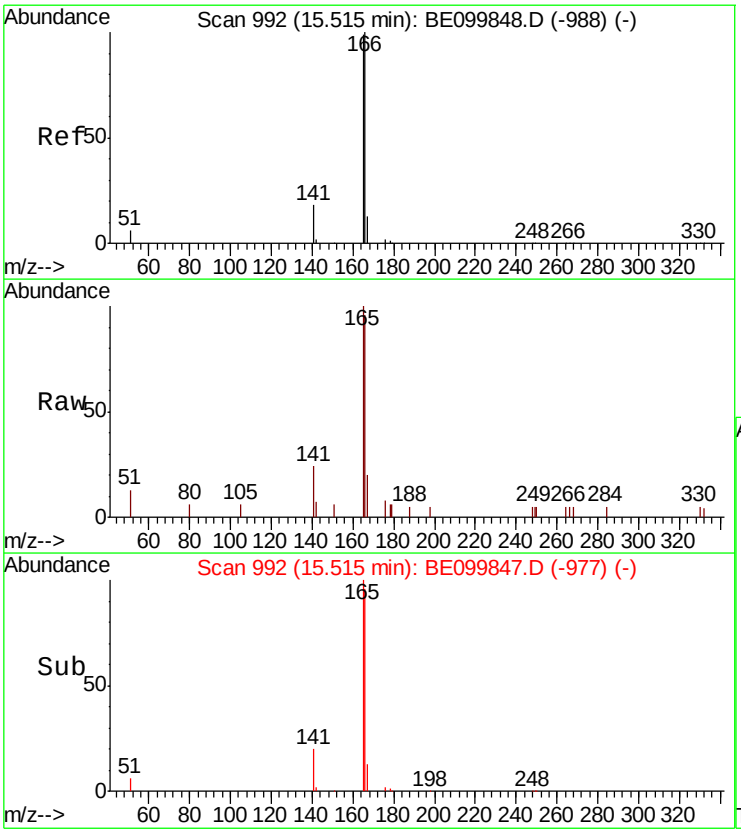
#17
Acenaphthene
Concen: 0.196 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 953

Ion	Ratio	Lower	Upper
154	100		
153	121.2	91.9	137.9
152	61.2	45.0	67.4

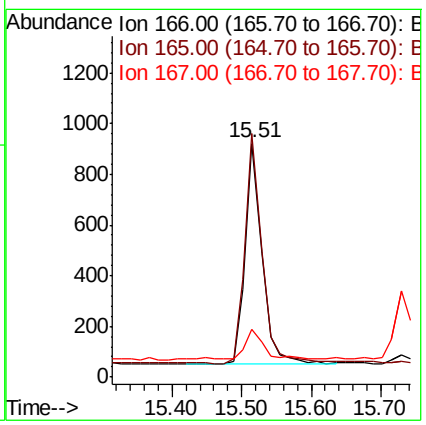


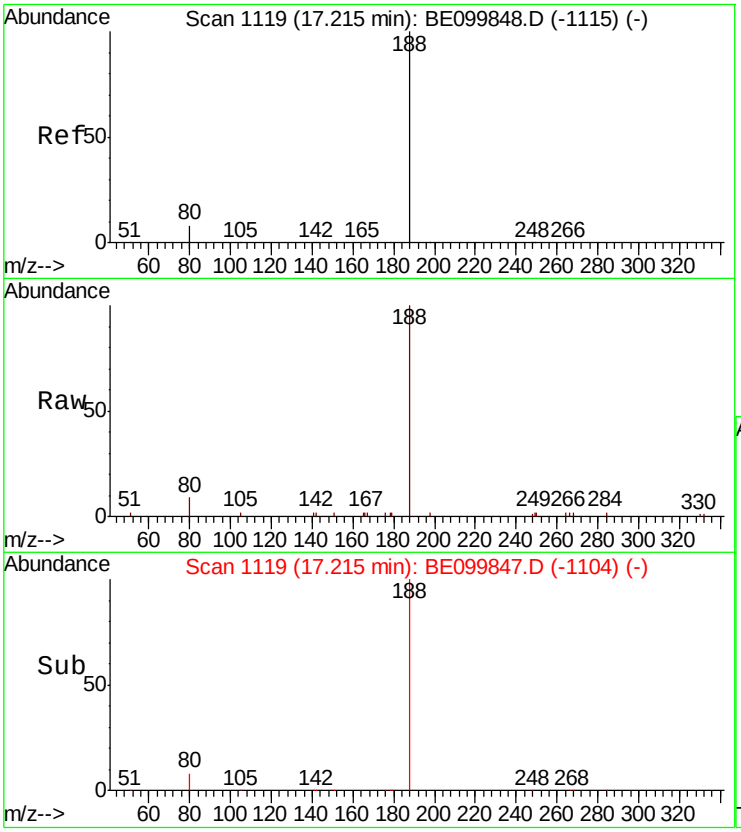


#18
Fluorene
Concen: 0.207 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:166 Resp: 1485

Ion	Ratio	Lower	Upper
166	100		
165	104.1	80.1	120.1
167	14.1	11.4	17.2



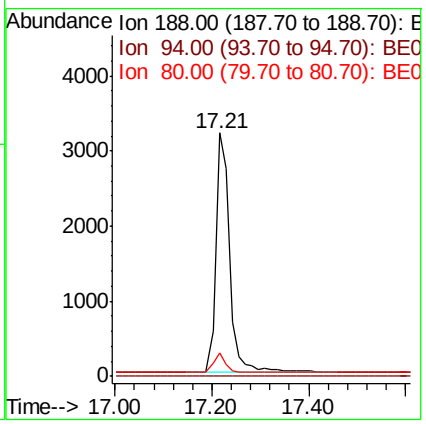


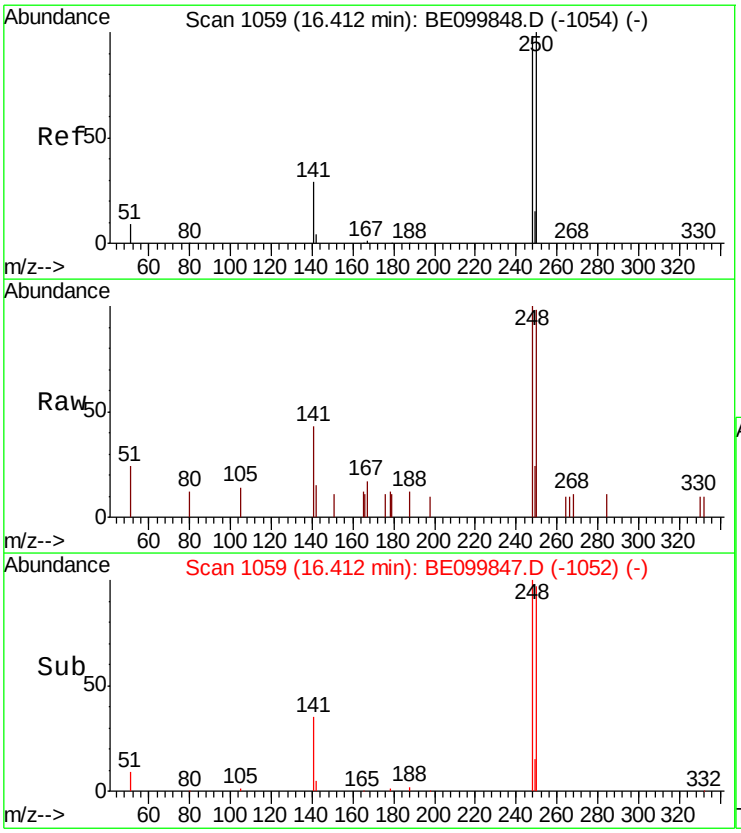
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 6254

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.6	11.4

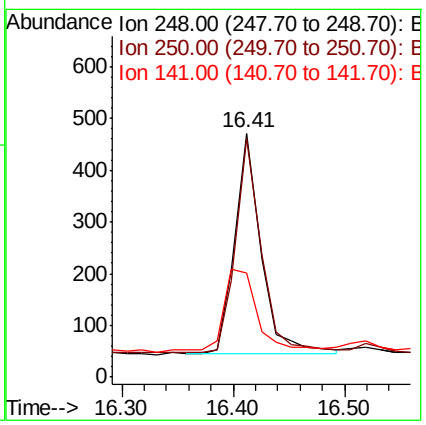


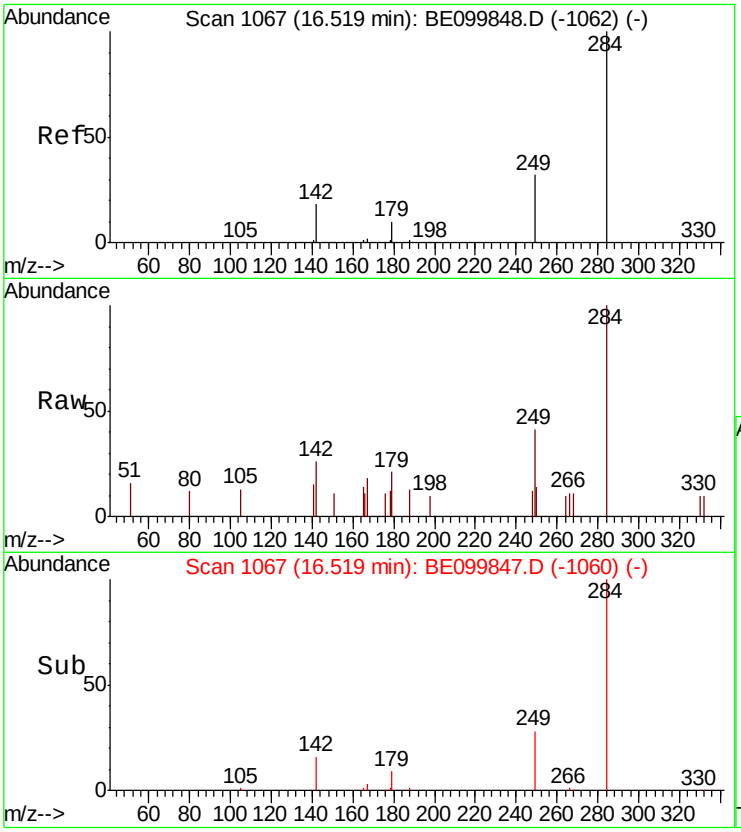


#20
4-Bromophenyl-phenylether
Concen: 0.199 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:248 Resp: 696

Ion	Ratio	Lower	Upper
248	100		
250	97.7	81.9	122.9
141	42.7	27.6	41.4#



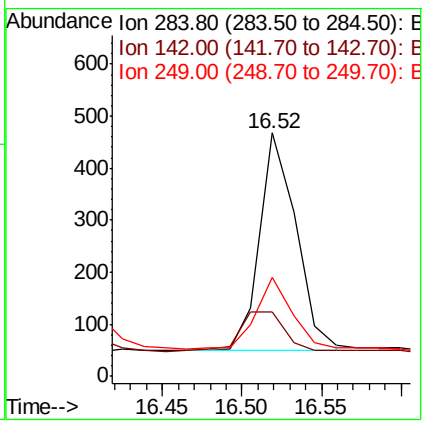


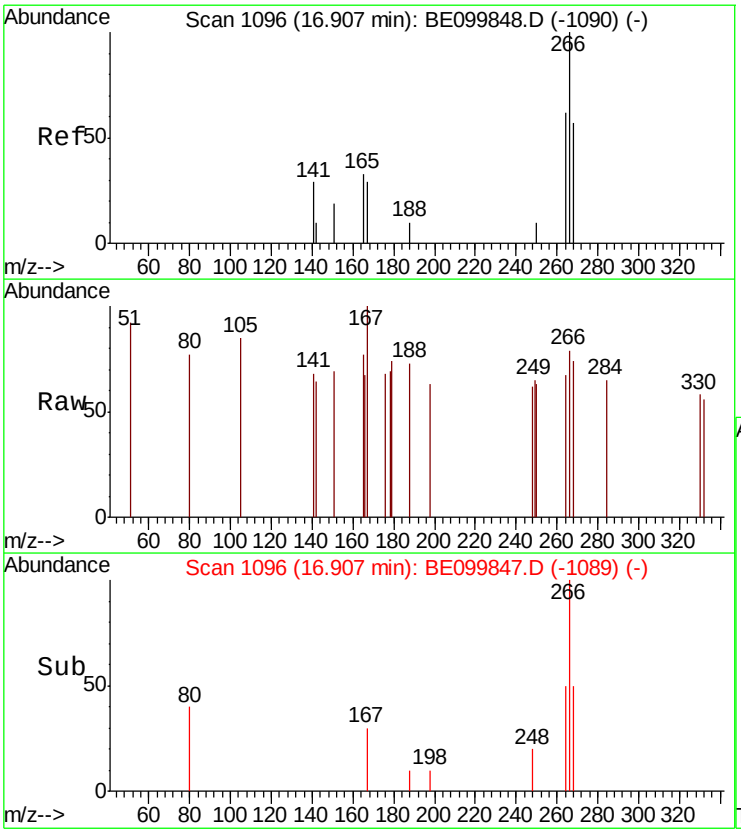
#21
Hexachlorobenzene
Concen: 0.175 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 668

Ion	Ratio	Lower	Upper
284	100		
142	22.9	17.8	26.8
249	31.7	24.6	36.8

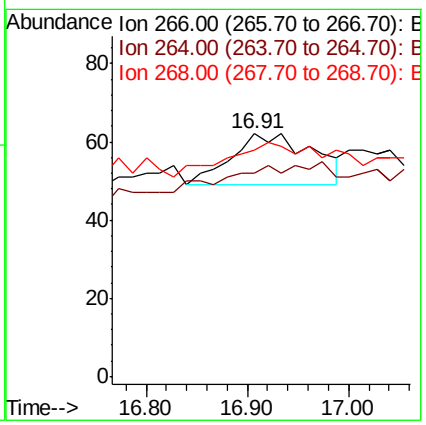


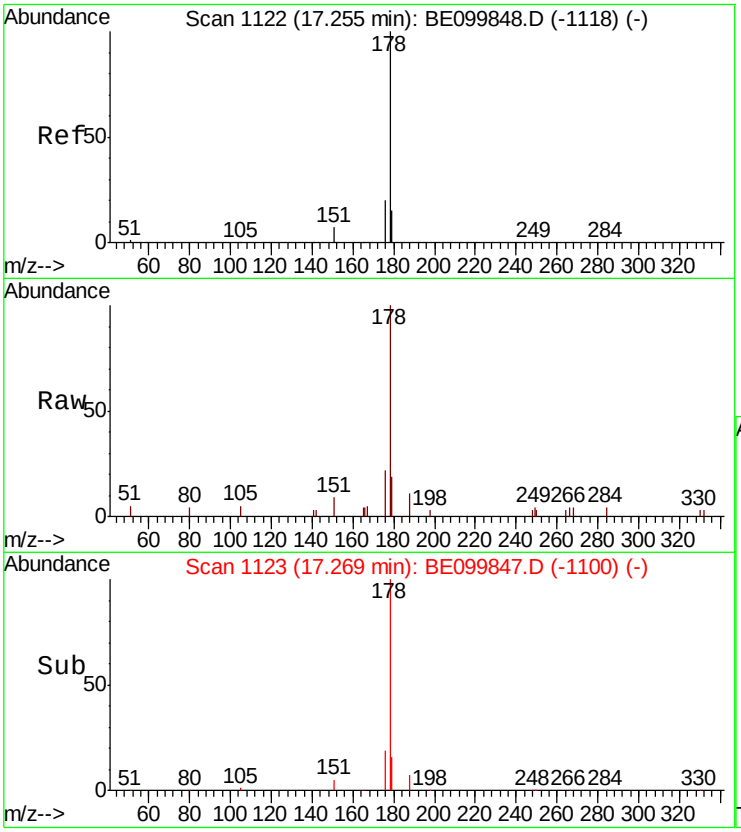


#22
Pentachlorophenol
Concen: 0.105 ng
RT: 16.91 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:266 Resp: 74

Ion	Ratio	Lower	Upper
266	100		
264	83.9	68.6	102.8
268	93.5	74.3	111.5



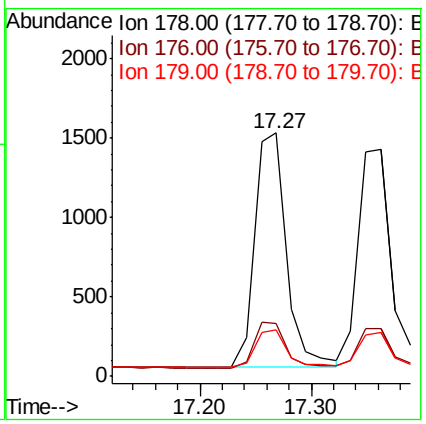


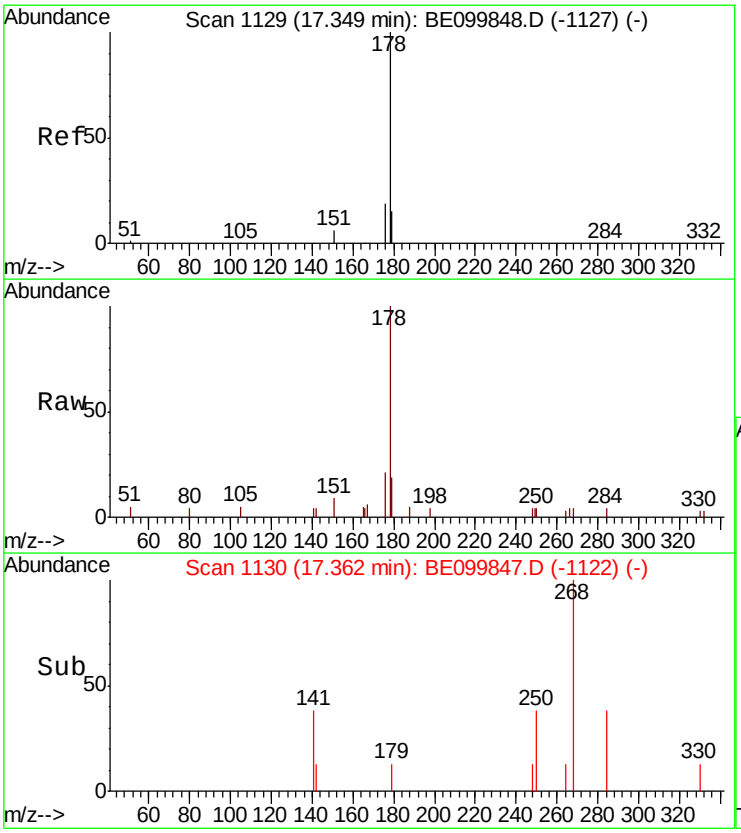
#23
Phenanthrene
Concen: 0.197 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 2942

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.0	12.0	18.0

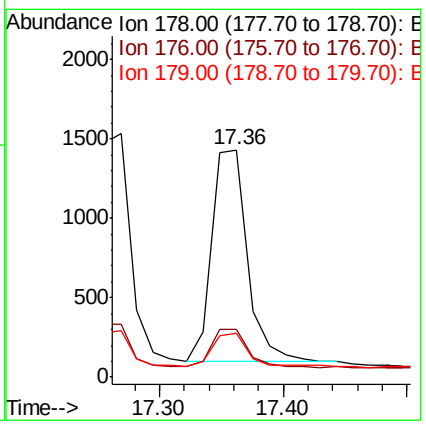


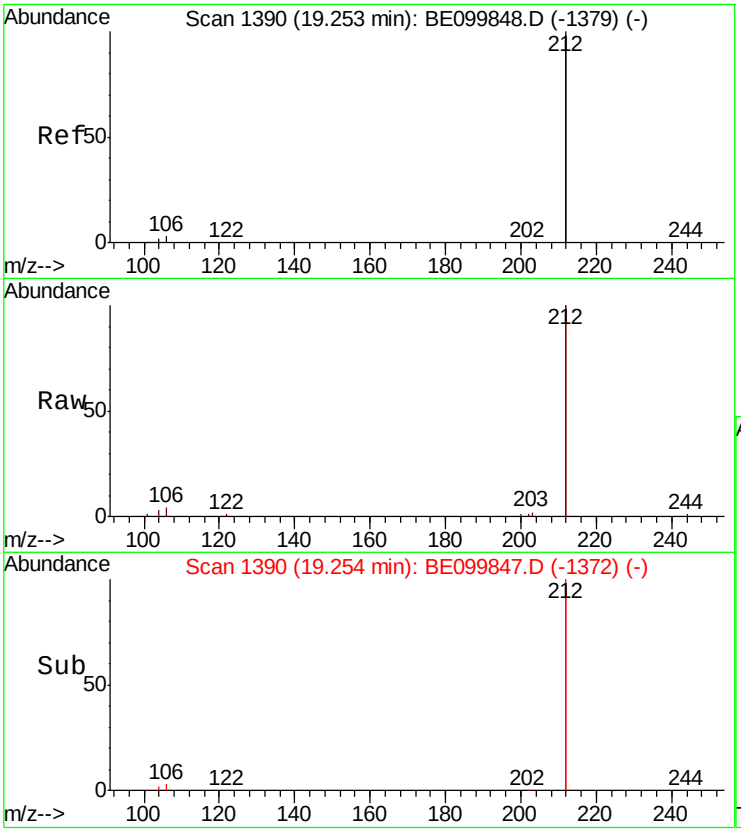


#24
Anthracene
Concen: 0.197 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:178 Resp: 2660

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.6	12.1	18.1



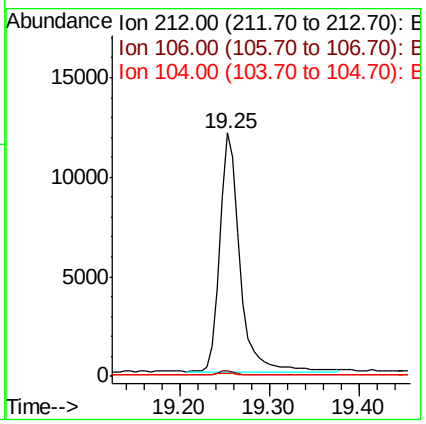


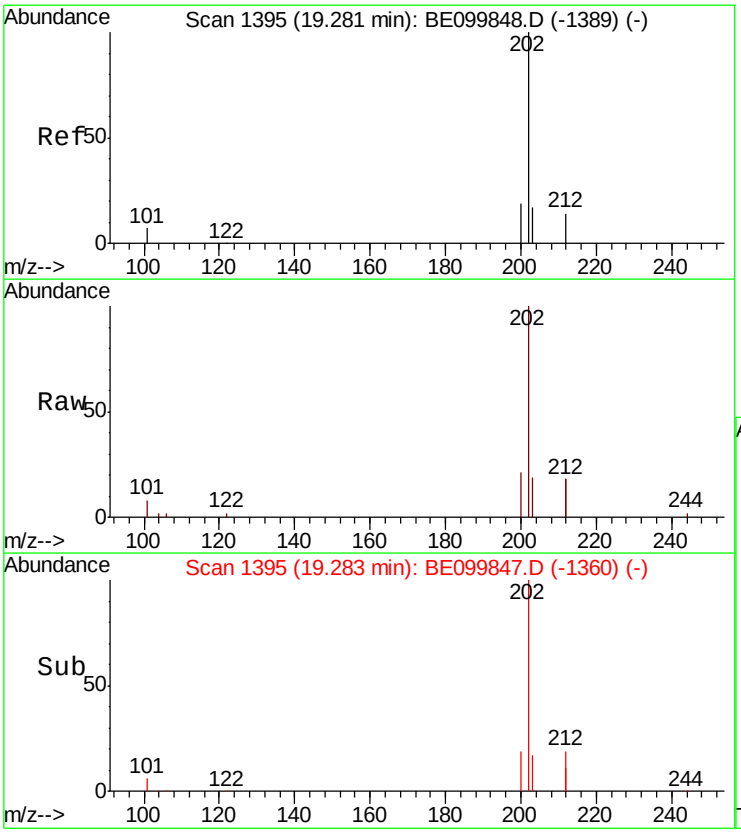
#25
Fluoranthene-d10
Concen: 0.199 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 18500

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

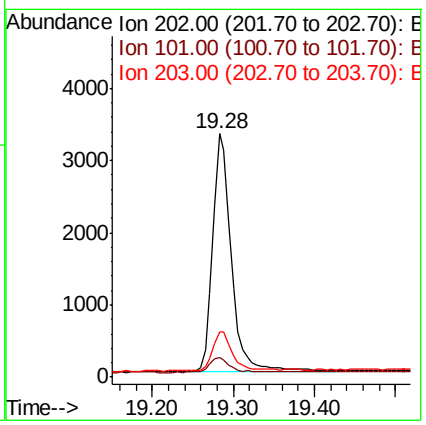


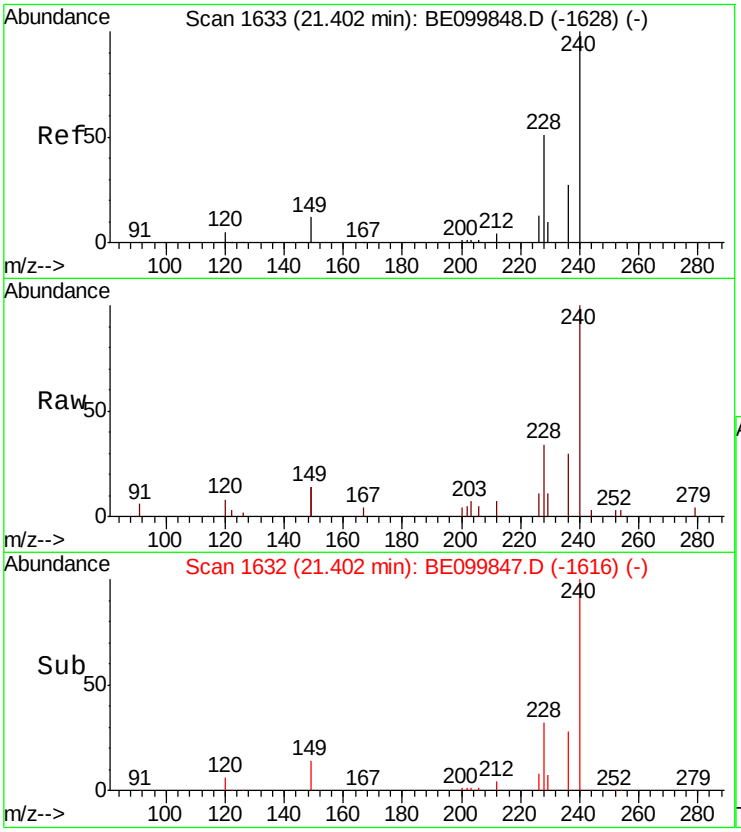


#26
Fluoranthene
Concen: 0.200 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:202 Resp: 5229

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.0	13.9	20.9



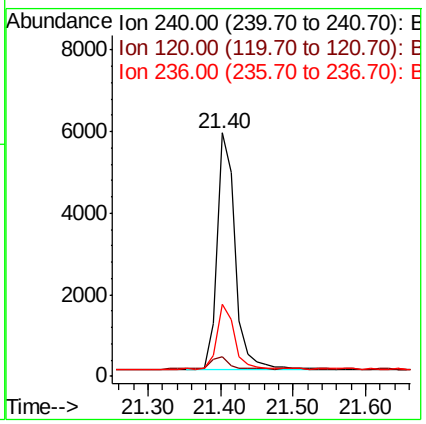


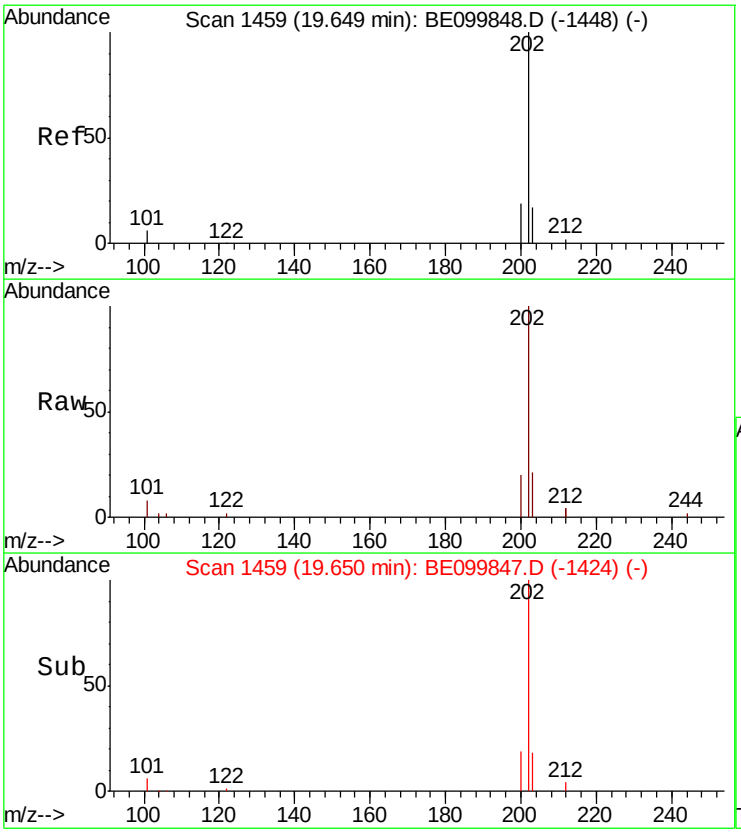
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 10262

Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.8	8.6
236	29.7	23.0	34.6

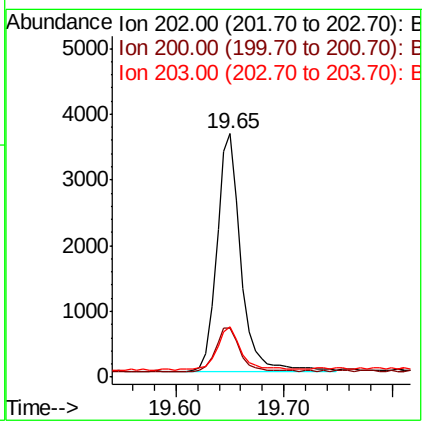


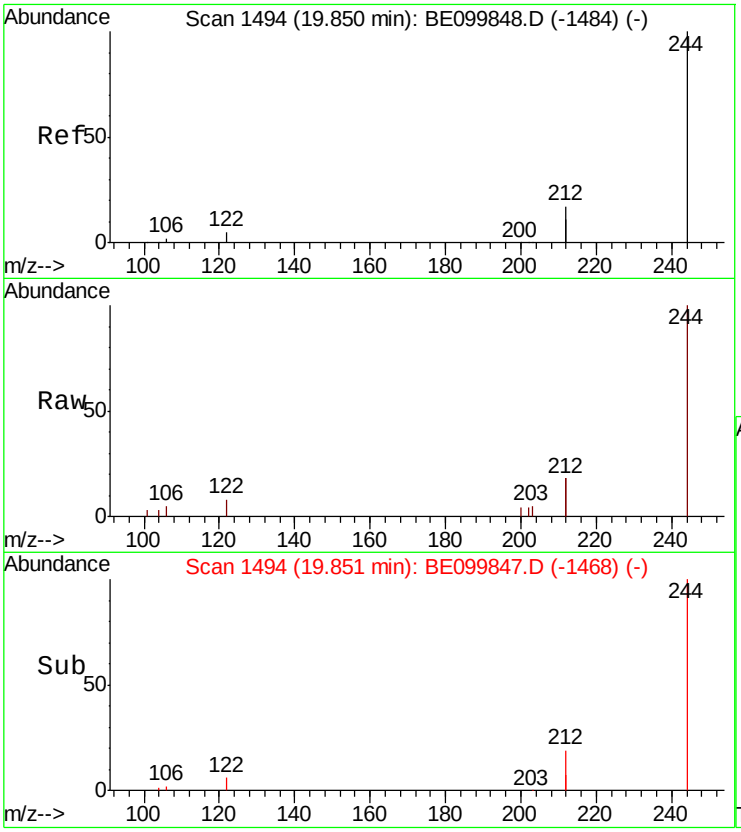


#28
Pyrene
Concen: 0.224 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:202 Resp: 5546

Ion	Ratio	Lower	Upper
202	100		
200	19.0	15.2	22.8
203	18.5	13.8	20.6



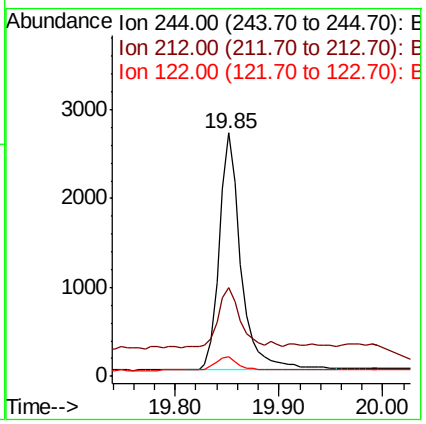


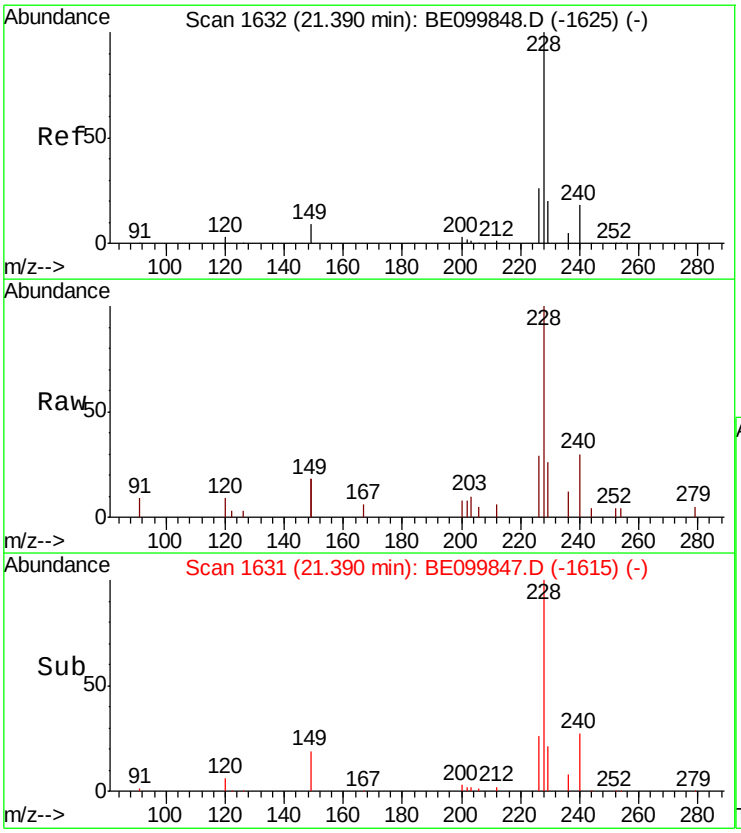
#29
Terphenyl-d14
Concen: 0.230 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 3871

Ion	Ratio	Lower	Upper
244	100		
212	36.7	26.3	39.5
122	8.1	5.2	7.8#

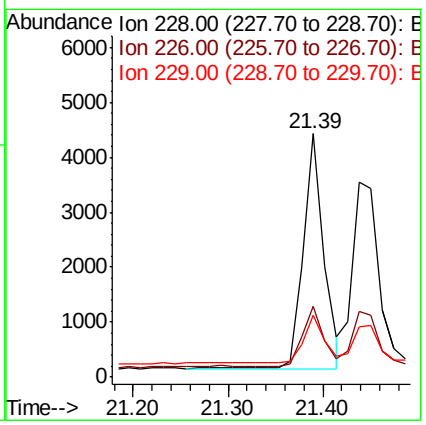


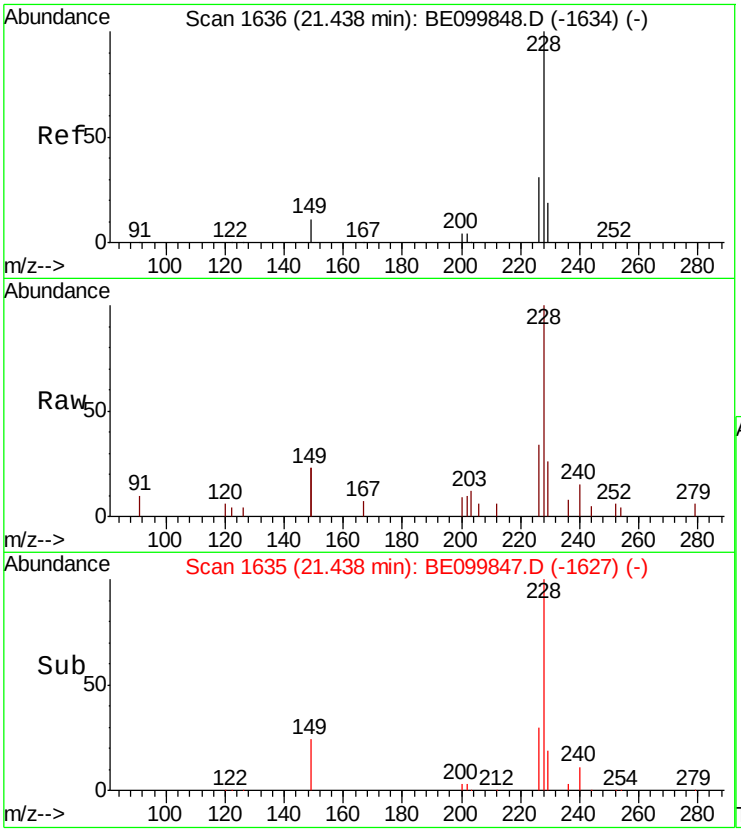


#30
Benzo(a)anthracene
Concen: 0.225 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:228 Resp: 6373

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.2	33.4
229	25.7	17.8	26.6



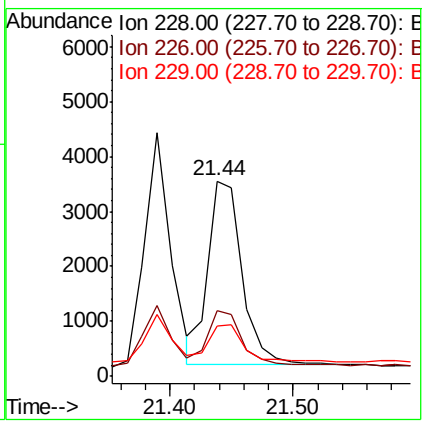


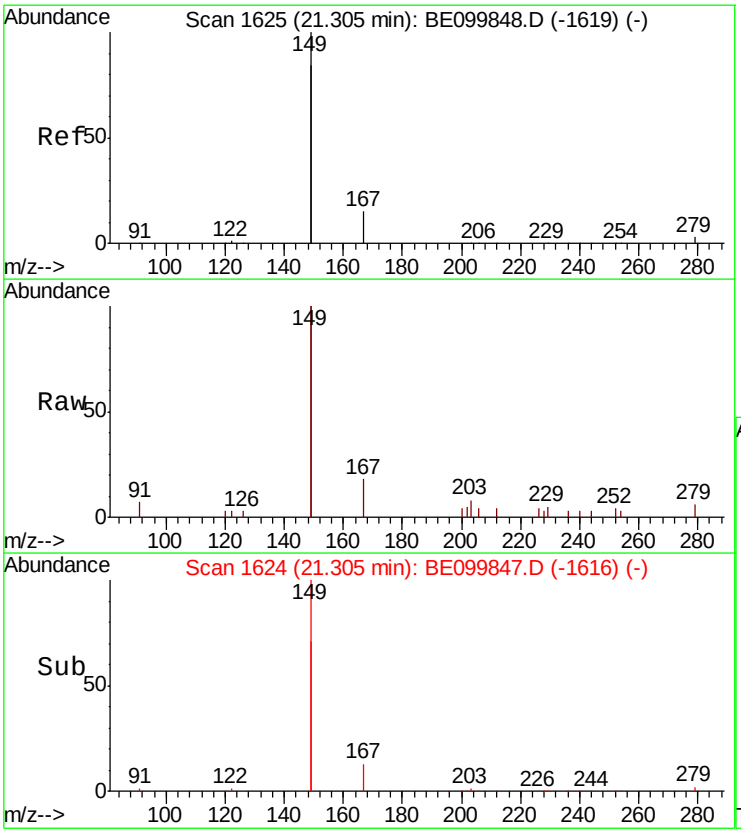
#31
Chrysene
Concen: 0.206 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 6441

Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.6	38.4
229	25.6	17.6	26.4

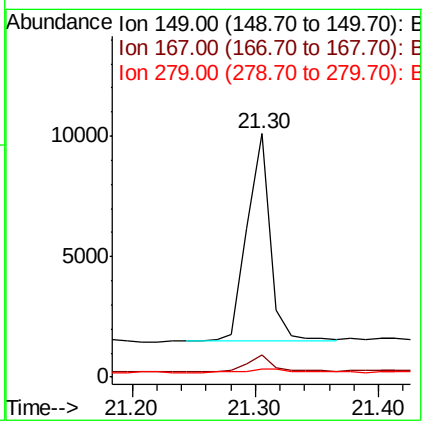


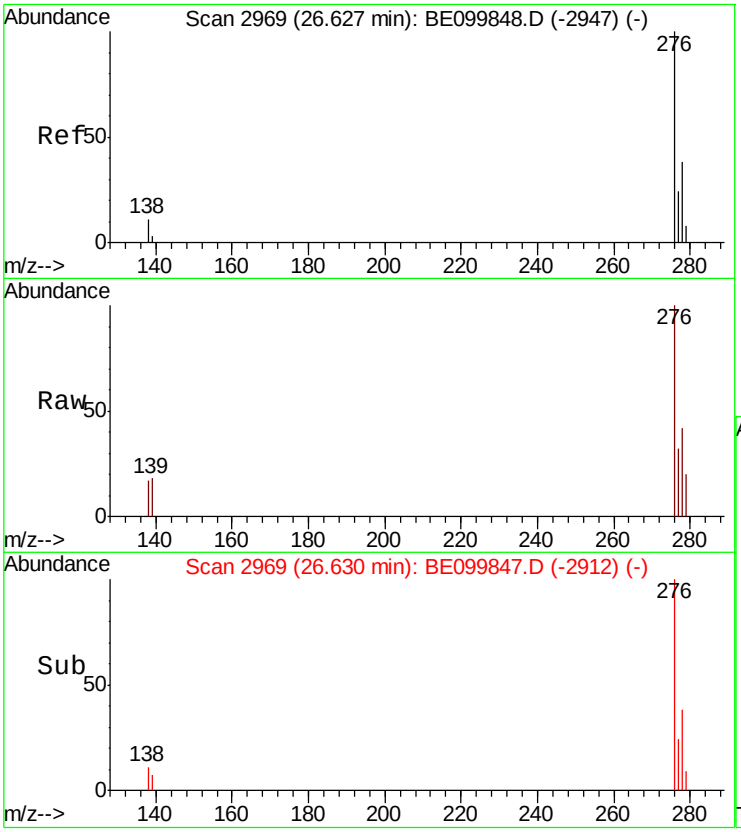


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.344 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:149 Resp: 11186

Ion	Ratio	Lower	Upper
149	100		
167	8.9	6.8	10.2
279	2.4	1.4	2.2#



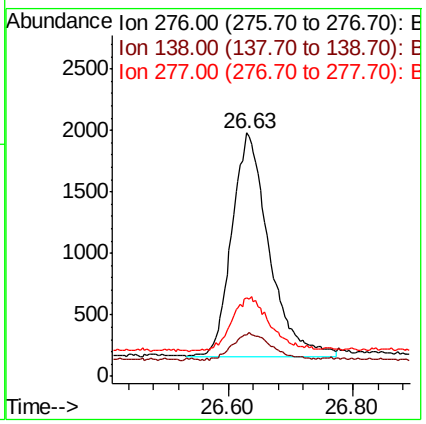


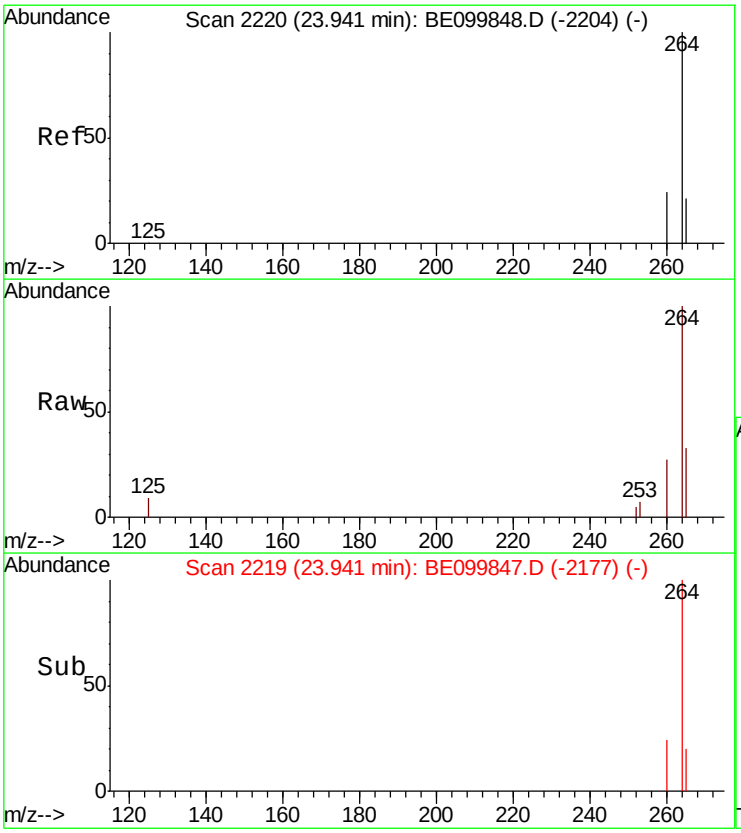
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.201 ng
RT: 26.63 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 7535

Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.4	14.0
277	24.3	19.7	29.5

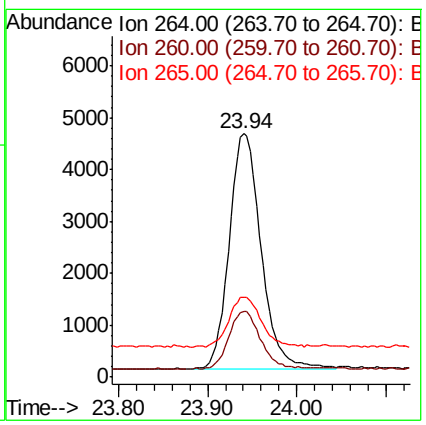


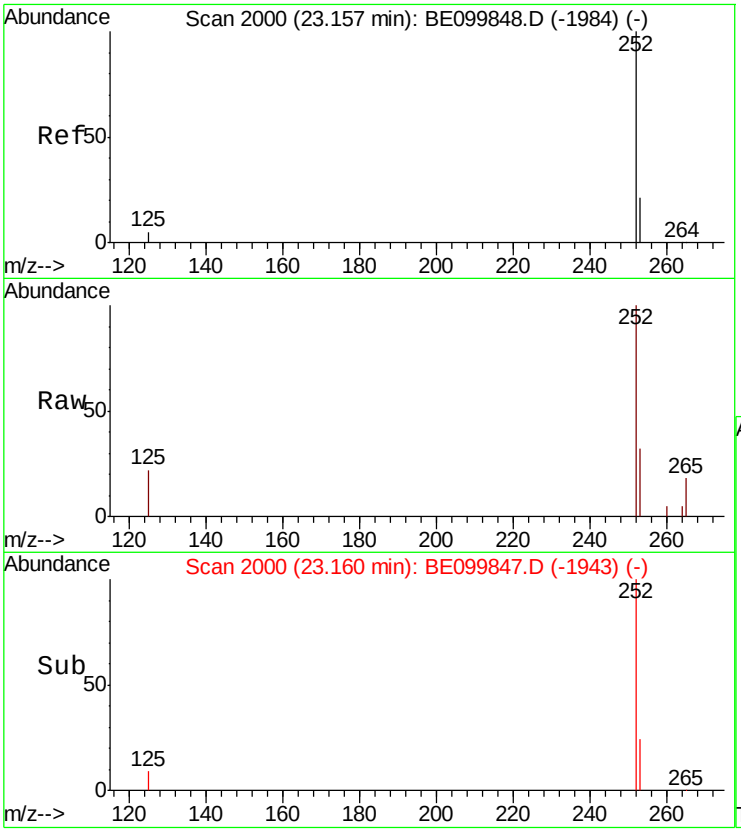


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:264 Resp: 11341

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	32.7	24.9	37.3



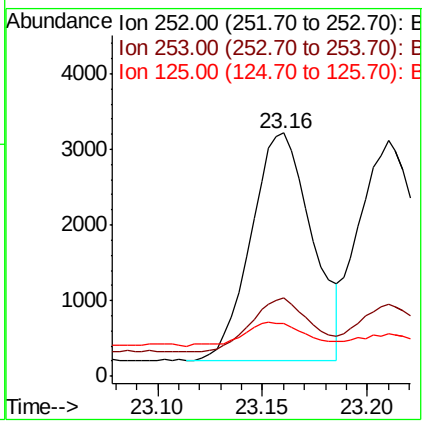


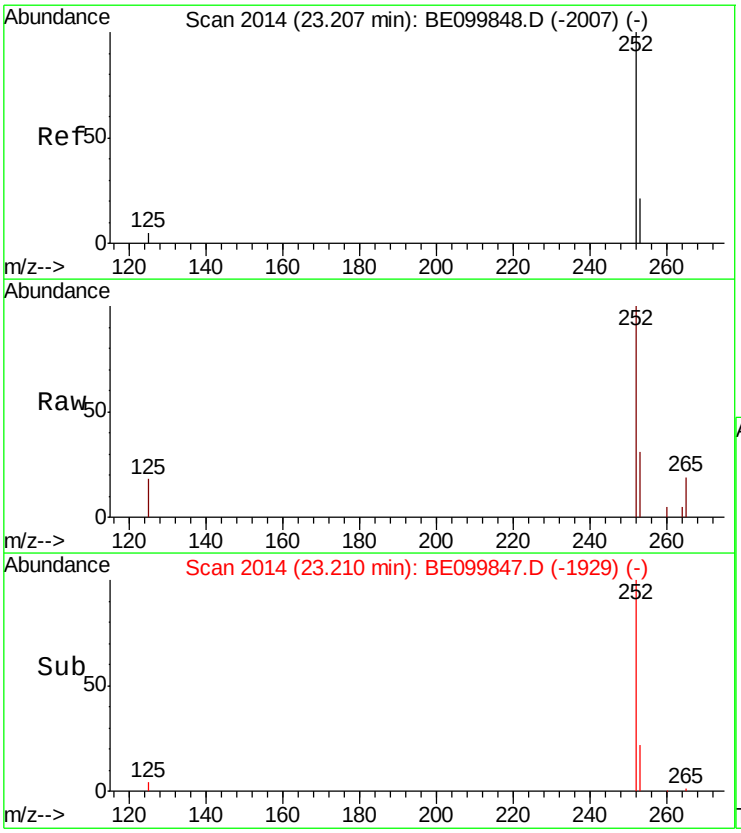
#35
Benzo(b)fluoranthene
Concen: 0.194 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6094

Ion	Ratio	Lower	Upper
252	100		
253	32.2	20.2	30.4#
125	21.5	8.5	12.7#

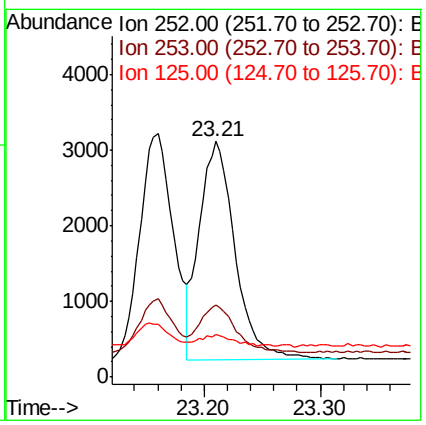


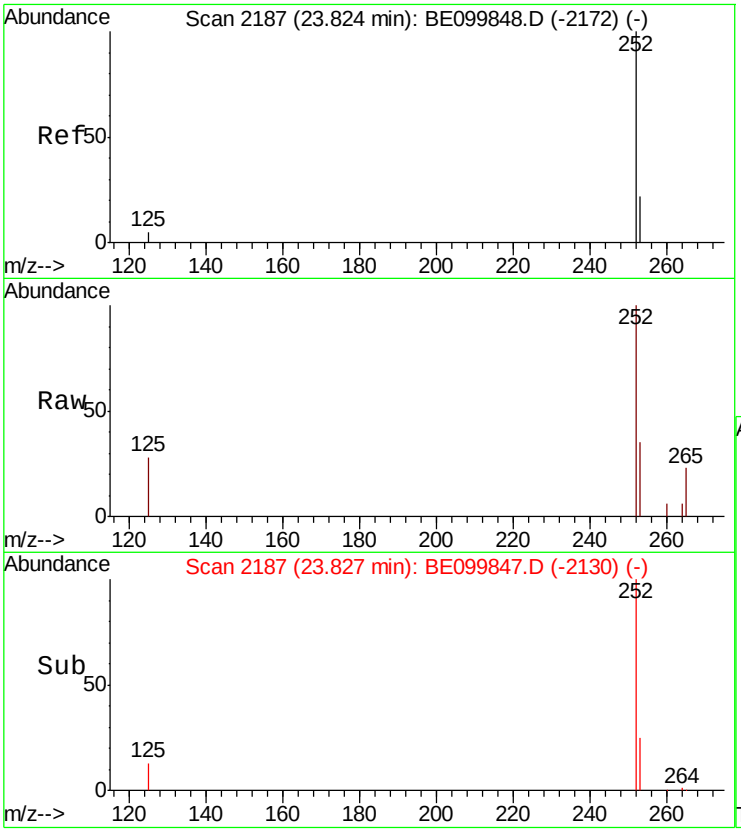


#36
Benzo(k)fluoranthene
Concen: 0.185 ng
RT: 23.21 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:252 Resp: 6161

Ion	Ratio	Lower	Upper
252	100		
253	30.7	19.8	29.6#
125	18.0	8.2	12.4#



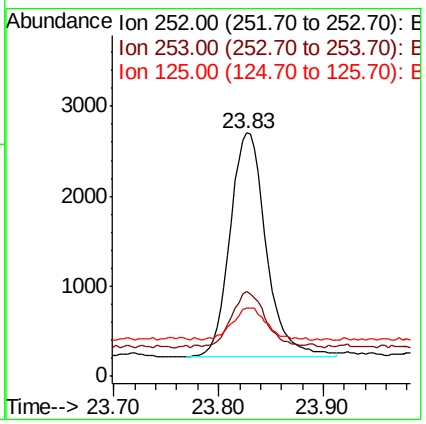


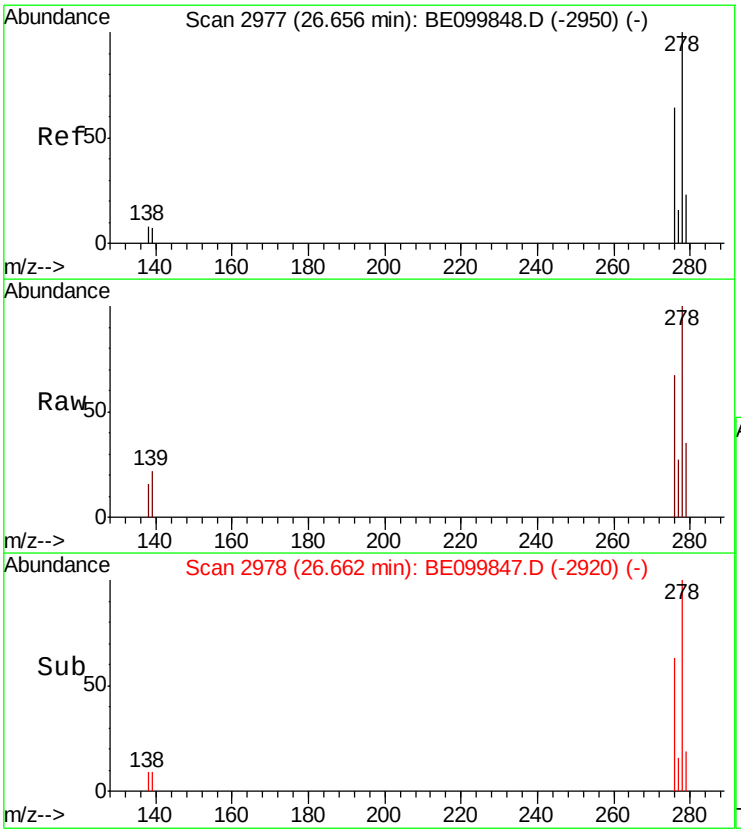
#37
Benzo(a)pyrene
Concen: 0.195 ng
RT: 23.83 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5946

Ion	Ratio	Lower	Upper
252	100		
253	35.0	21.5	32.3#
125	27.8	10.0	15.0#

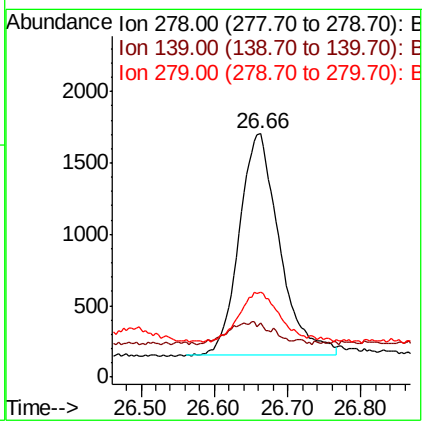


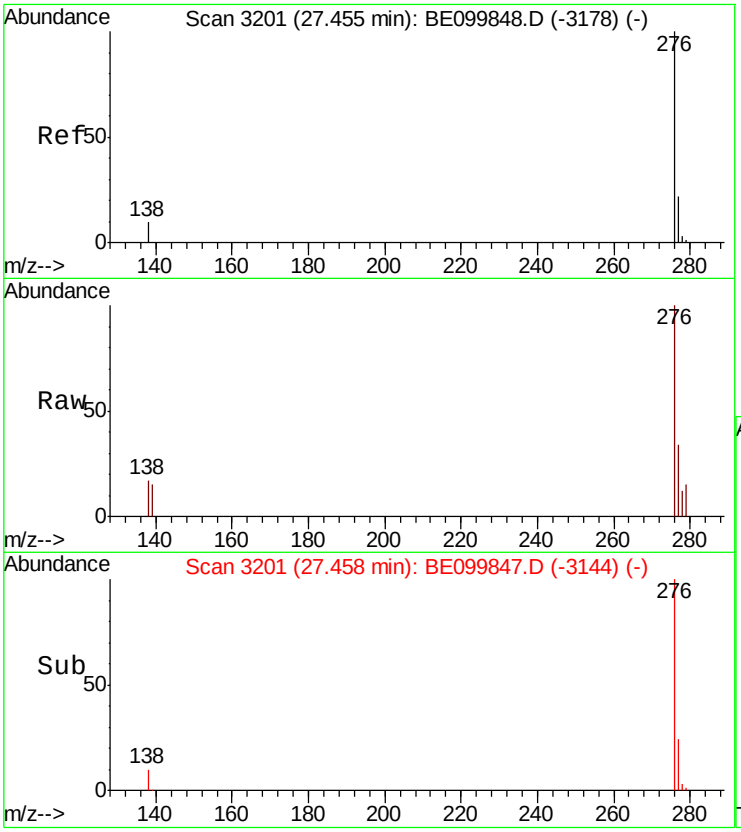


#38
Dibenzo(a,h)anthracene
Concen: 0.190 ng
RT: 26.66 min Scan# 2978
Delta R.T. 0.01 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Tgt Ion:278 Resp: 5891

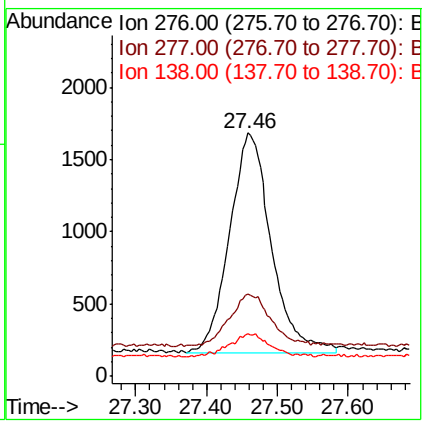
Ion	Ratio	Lower	Upper
278	100		
139	22.1	10.1	15.1#
279	34.7	22.7	34.1#





#39
Benzo(g,h,i)perylene
Concen: 0.192 ng
RT: 27.46 min Scan# 3201
Delta R.T. 0.00 min
Lab File: BE099847.D
Acq: 7 Jun 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 6237

Ion	Ratio	Lower	Upper
276	100		
277	33.9	22.1	33.1#
138	17.4	10.6	15.8#