Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099660.D
Acq On : 20 May 2019 11:51
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 20 15:44:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 15:39:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1527	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	5422	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	3883	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	12111	0.40	ng		0.01
27) Chrysene-d12	21.41	240	18182	0.40	ng		0.00
34) Perylene-d12	23.96	264	20207	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	739	0.17	ng		0.01
5) Phenol-d6	6.97	99	965	0.18	ng		0.00
8) Nitrobenzene-d5	8.98	82	781	0.15	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	1815	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	339	0.13	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	2928	0.20	ng		0.01
25) Fluoranthene-d10	19.27	212	31853	0.20	ng		0.00
29) Terphenyl-d14	19.87	244	6287	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	453	0.201	ng	#	91
3) n-Nitrosodimethylamine	3.63	42	225	0.157	ng	#	79
6) bis(2-Chloroethyl)ether	7.24	93	889	0.192	ng		92
9) Naphthalene	10.67	128	11604	0.201	ng		99
10) Hexachlorobutadiene	10.94	225	863	0.204	ng		98
12) 2-Methylnaphthalene	12.30	142	1827	0.192	ng		98
16) Acenaphthylene	14.21	152	3403	0.186	ng		99
17) Acenaphthene	14.56	154	1992	0.192	ng		98
18) Fluorene	15.53	166	2910	0.196	ng		97
20) 4-Bromophenyl-phenylether	16.42	248	1366	0.196	ng	#	90
21) Hexachlorobenzene	16.53	284	1405	0.205	ng		99
22) Pentachlorophenol	16.92	266	163	0.060	ng		87
23) Phenanthrene	17.28	178	5701	0.190	ng		99
24) Anthracene	17.37	178	4757	0.172	ng		99
26) Fluoranthene	19.30	202	8850	0.195	ng		99
28) Pyrene	19.66	202	9185	0.198	ng		100
30) Benzo(a)anthracene	21.40	228	9550	0.174	ng		99
31) Chrysene	21.45	228	10854	0.192	ng		98
32) Bis(2-ethylhexyl)phthalate	21.32	149	11165	0.132	ng		99
33) Indeno(1,2,3-cd)pyrene	26.66	276	13091	0.186	ng		99
35) Benzo(b)fluoranthene	23.23	252	11190	0.198	ng		97
36) Benzo(k)fluoranthene	23.23	252	11373	0.204	ng		97
37) Benzo(a)pyrene	23.84	252	10338	0.189	ng	#	92
38) Dibenzo(a,h)anthracene	26.69	278	10591	0.187	ng	#	95
39) Benzo(g,h,i)perylene	27.48	276	10927	0.191	ng		98

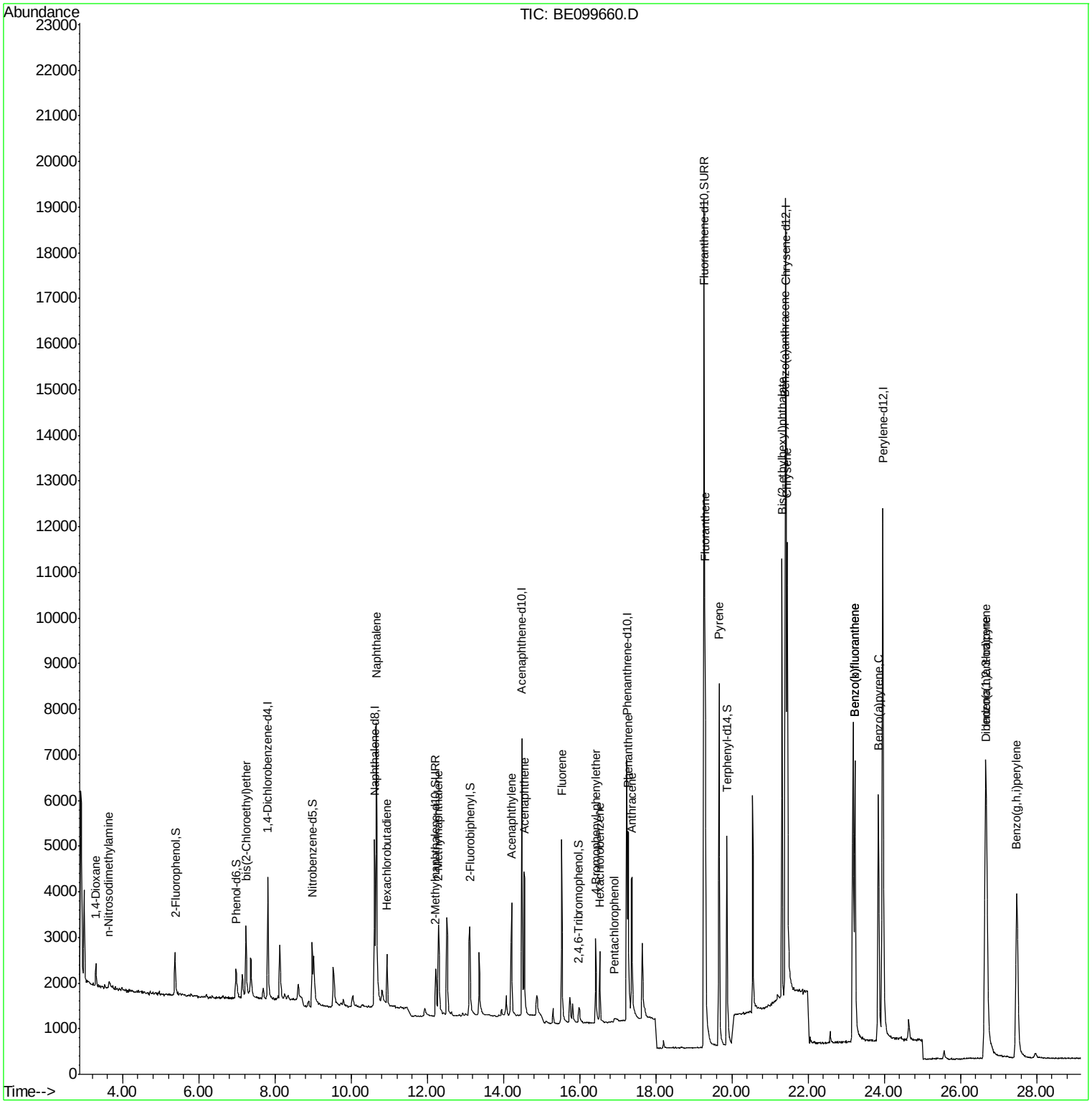
(#) = qualifier out of range (m) = manual integration (+) = signals summed

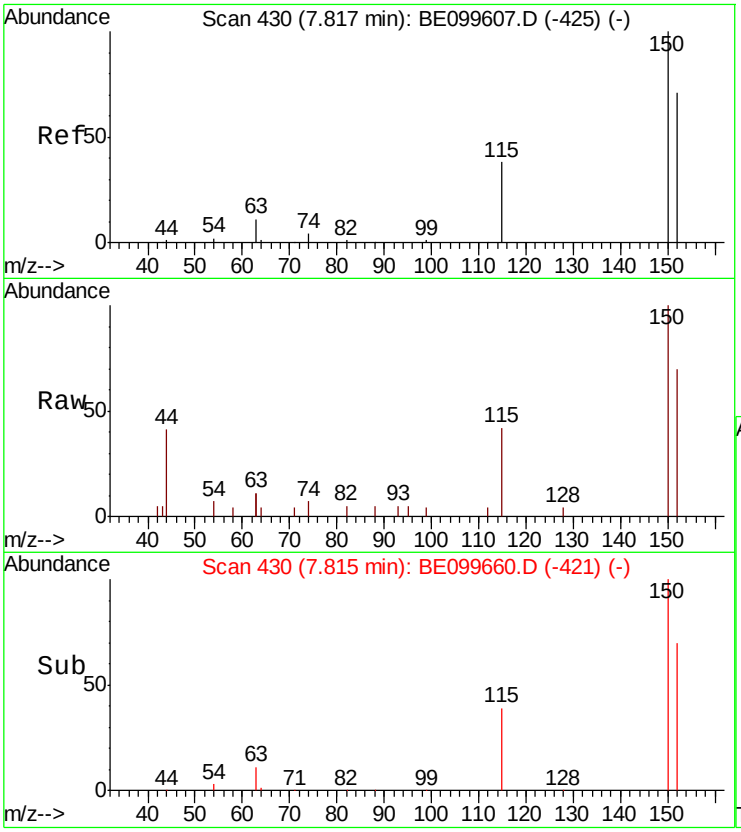
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099660.D
Acq On : 20 May 2019 11:51
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 20 15:44:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 15:39:28 2019
Response via : Initial Calibration



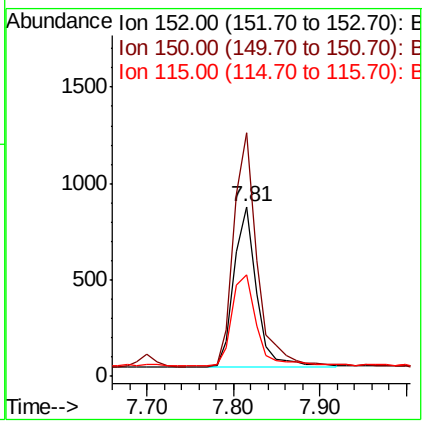


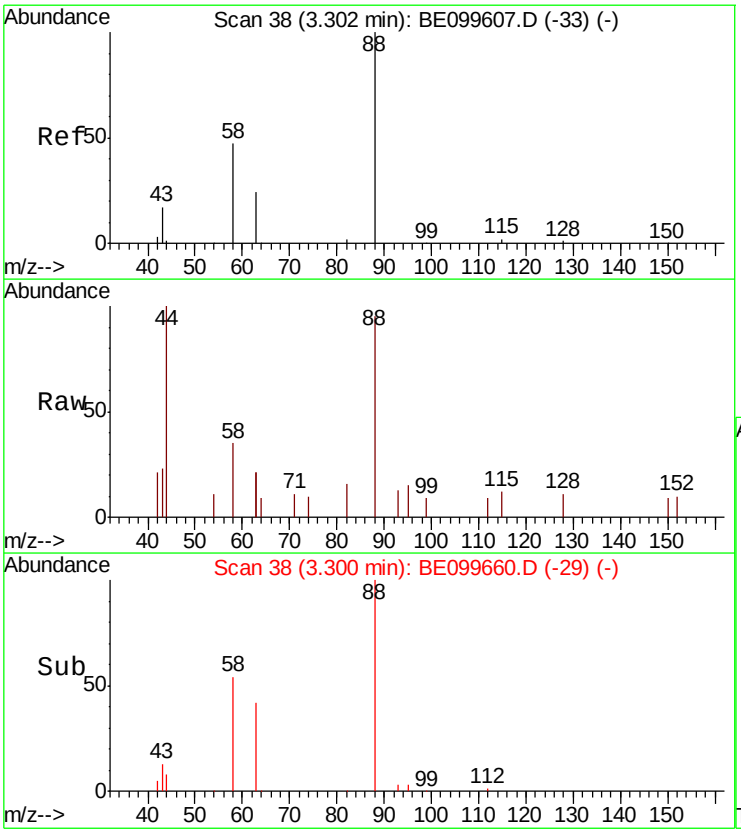
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1527

Ion	Ratio	Lower	Upper
152	100		
150	143.7	109.2	163.8
115	59.8	43.7	65.5

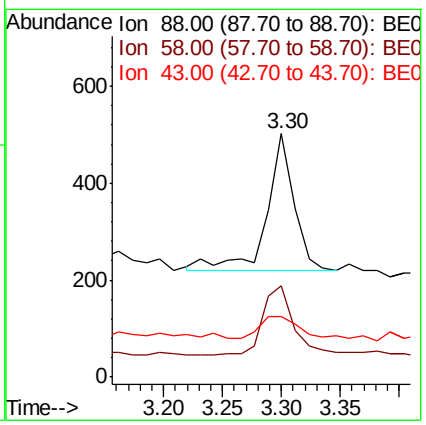


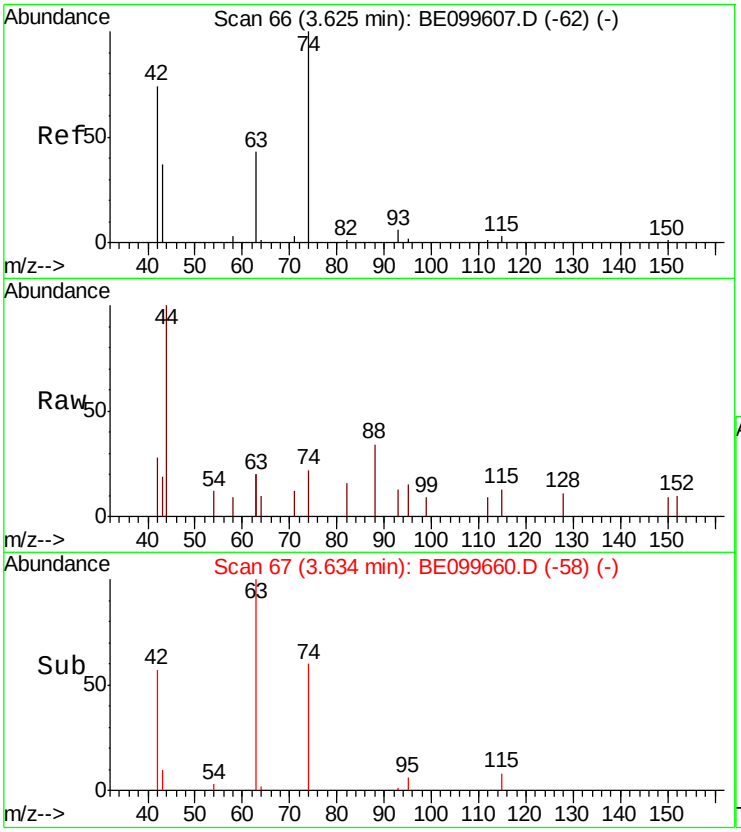


#2
1,4-Dioxane
Concen: 0.201 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion: 88 Resp: 453

Ion	Ratio	Lower	Upper
88	100		
58	57.8	41.8	62.8
43	23.4	15.0	22.4#



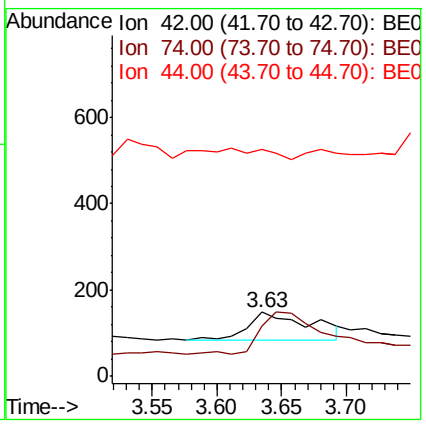


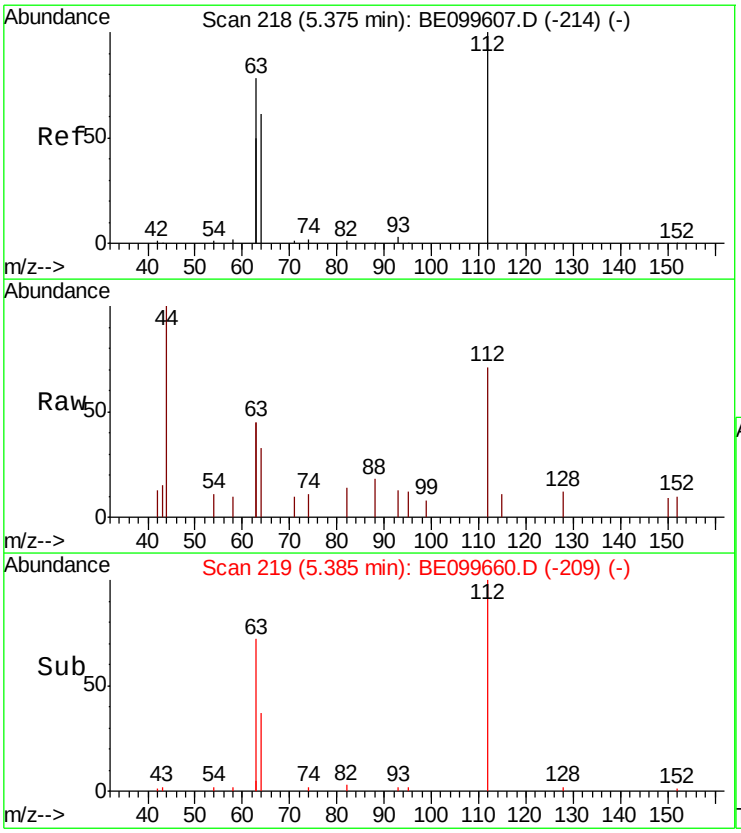
#3
n-Nitrosodimethylamine
Concen: 0.157 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 225

Ion	Ratio	Lower	Upper
42	100		
74	132.9	128.4	192.6
44	0.0	0.0	0.0

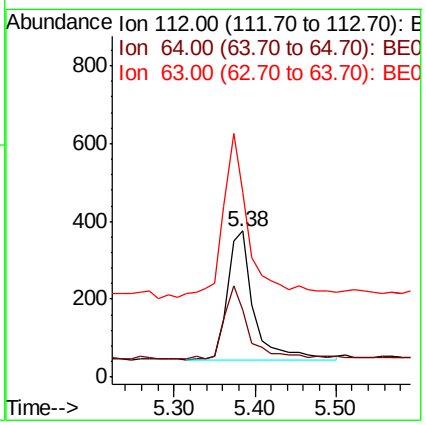


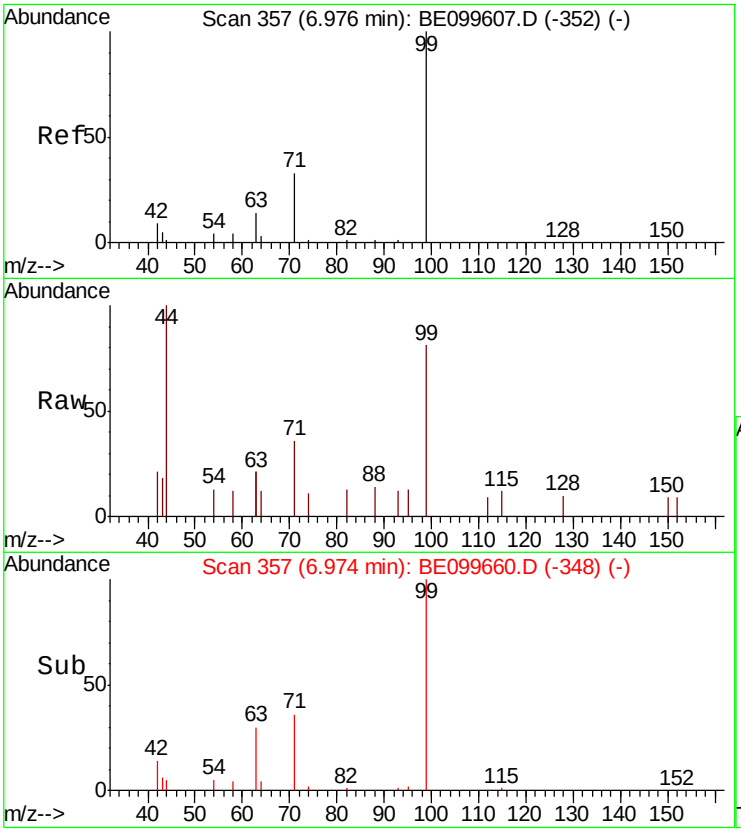


#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.38 min Scan# 219
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:112 Resp: 739

Ion	Ratio	Lower	Upper
112	100		
64	50.7	43.4	65.2
63	125.2	96.9	145.3



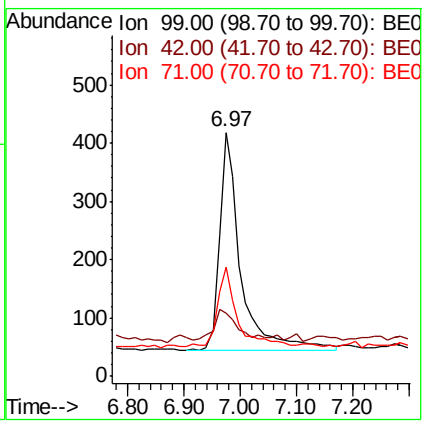


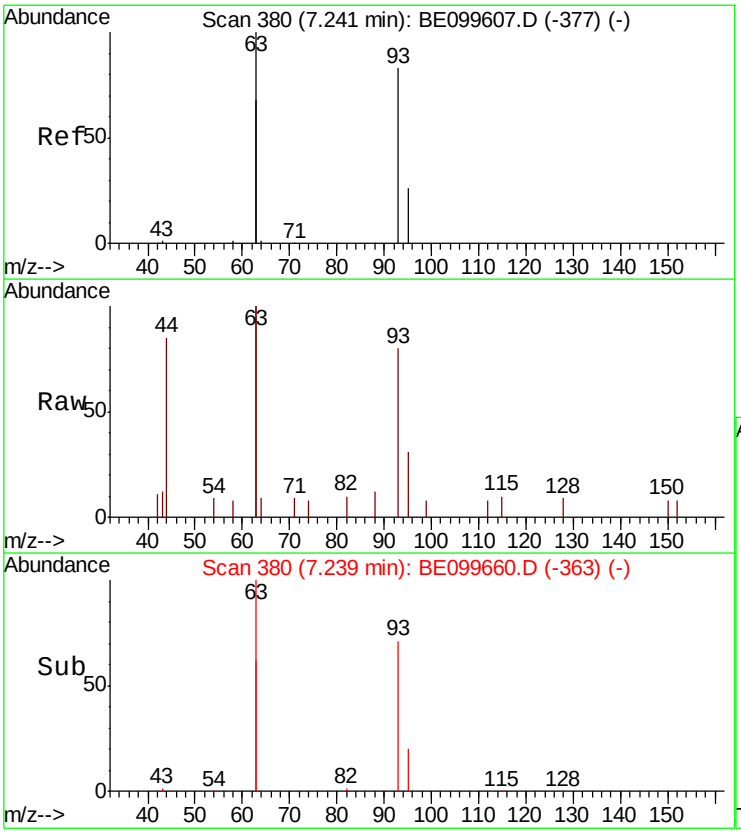
#5
Phenol-d6
Concen: 0.176 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 965

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	35.9	28.9	43.3

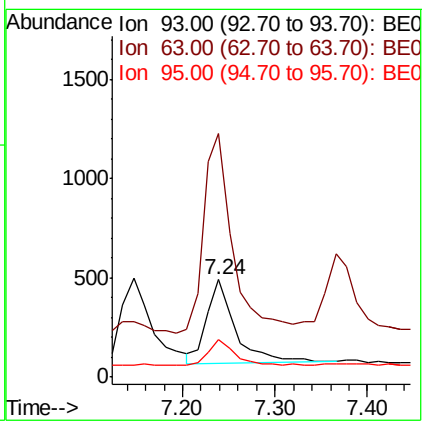


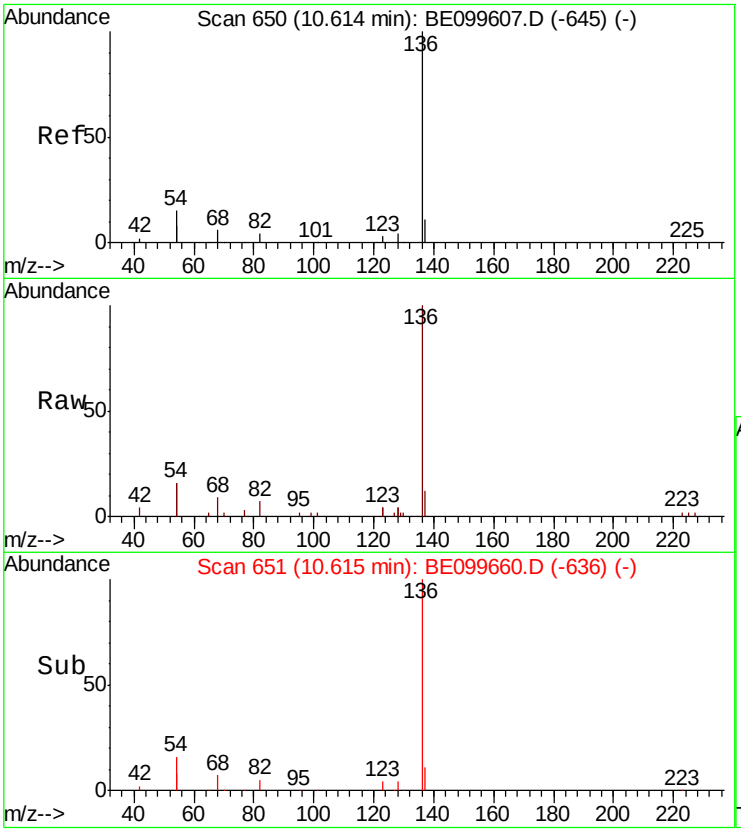


#6
bis(2-Chloroethyl)ether
Concen: 0.192 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion: 93 Resp: 889

Ion	Ratio	Lower	Upper
93	100		
63	244.2	207.8	311.6
95	31.3	25.9	38.9



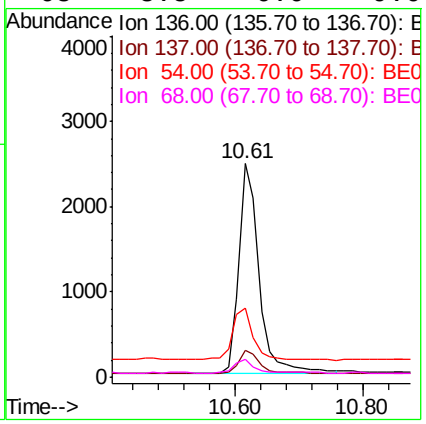


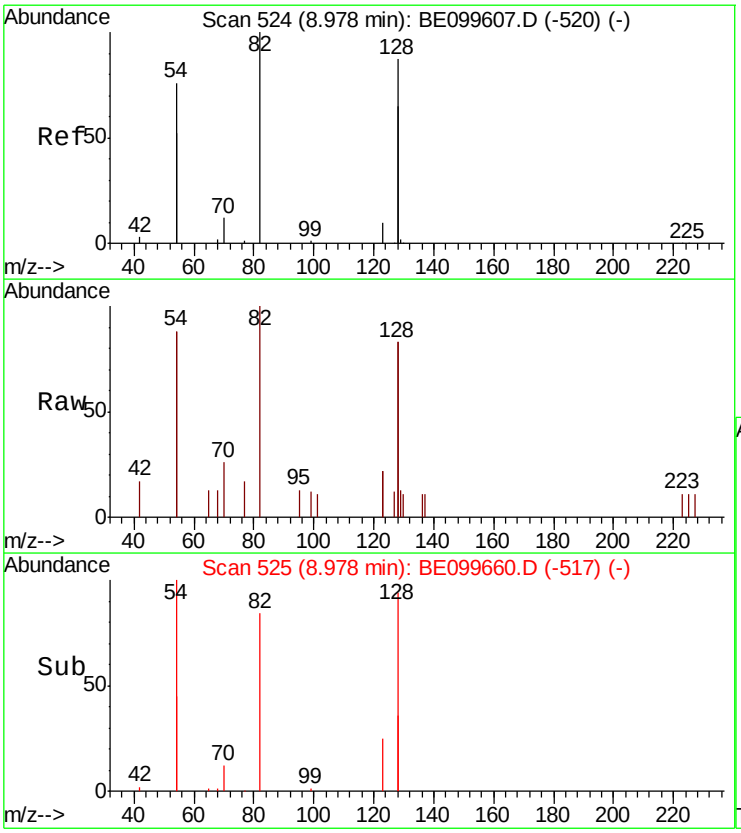
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5422

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.6
54	32.3	22.3	33.5
68	8.5	6.0	9.0

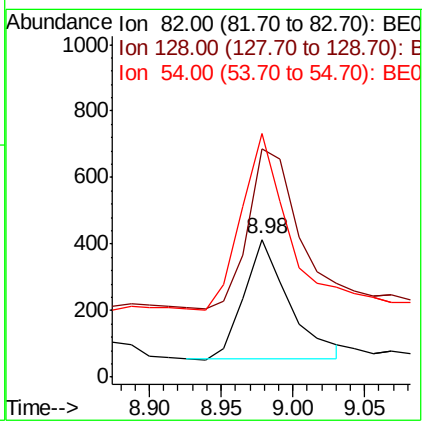


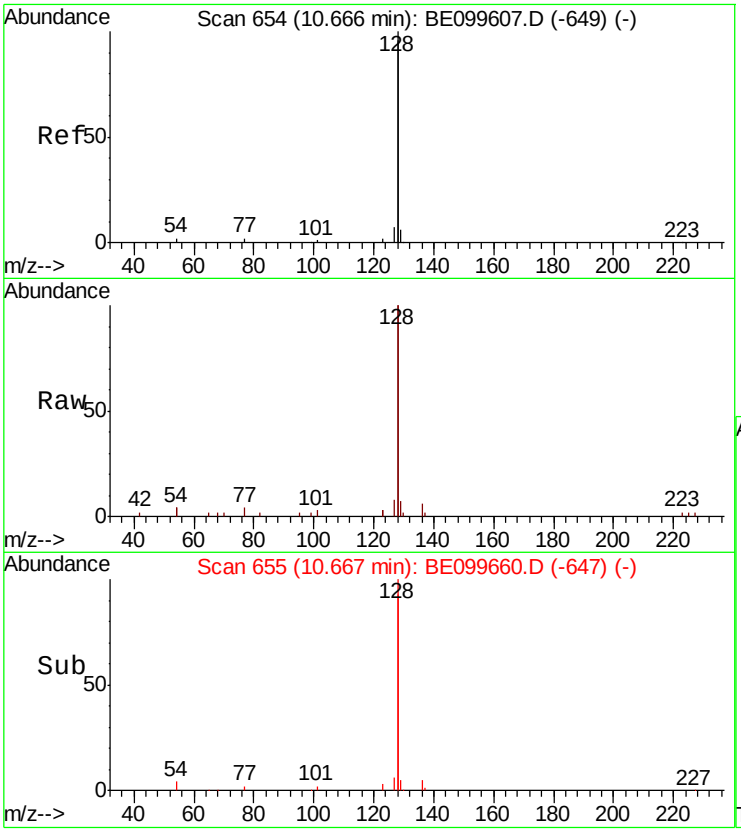


#8
Nitrobenzene-d5
Concen: 0.149 ng
RT: 8.98 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion: 82 Resp: 781

Ion	Ratio	Lower	Upper
82	100		
128	165.8	117.7	176.5
54	176.4	106.6	160.0#



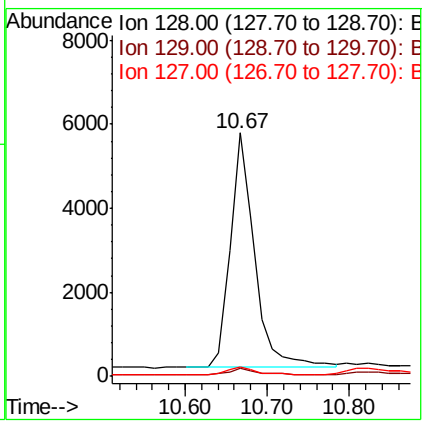


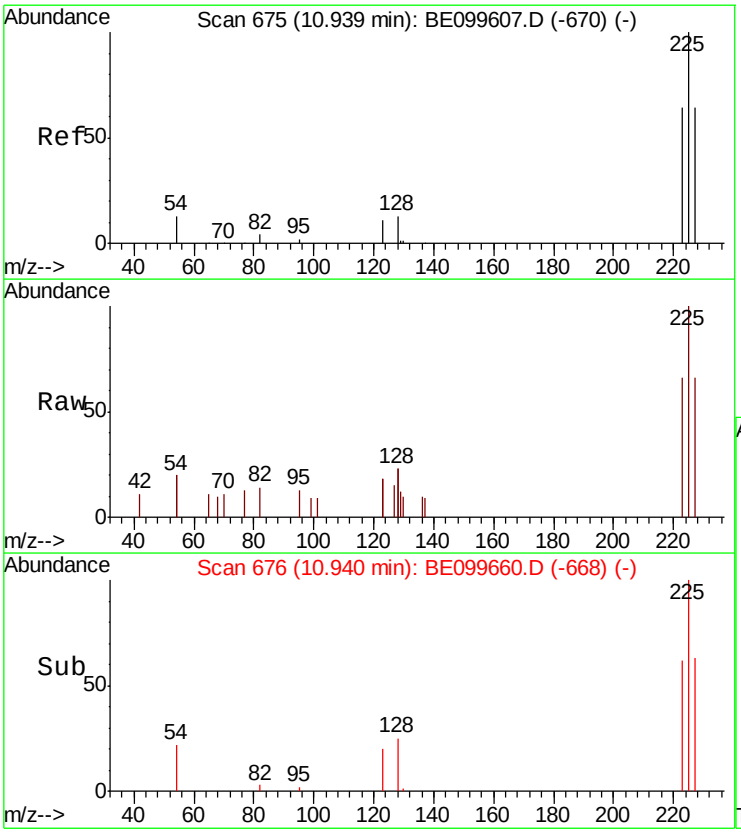
#9
Naphthalene
Concen: 0.201 ng
RT: 10.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 11604

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.4	3.6
127	4.0	2.9	4.3

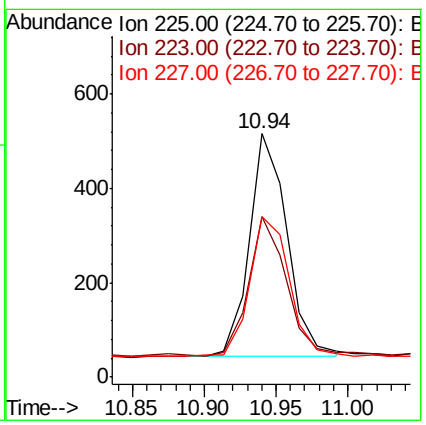


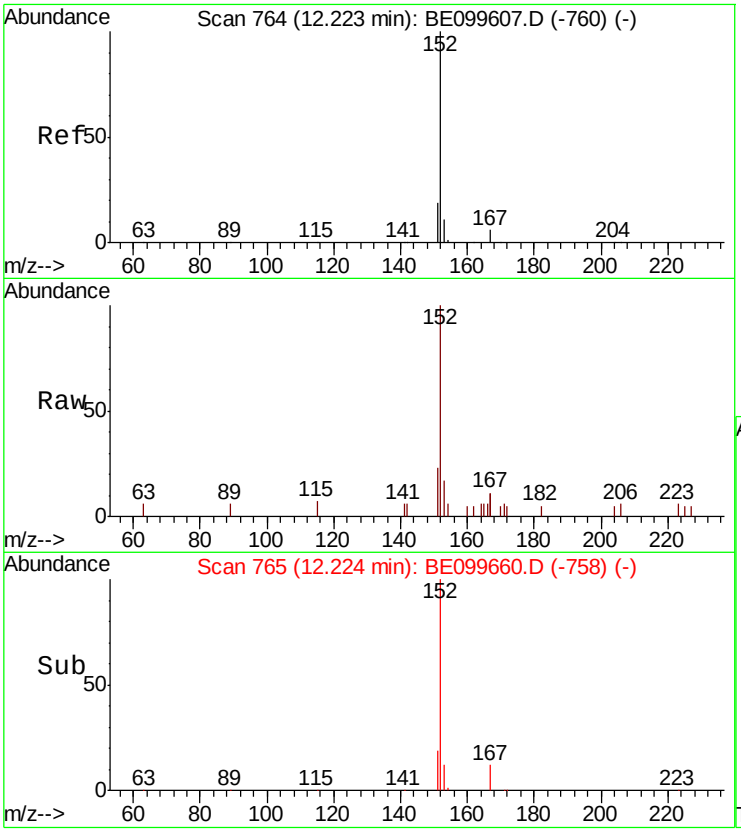


#10
Hexachlorobutadiene
Concen: 0.204 ng
RT: 10.94 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:225 Resp: 863

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.8	77.6
227	65.9	52.6	79.0



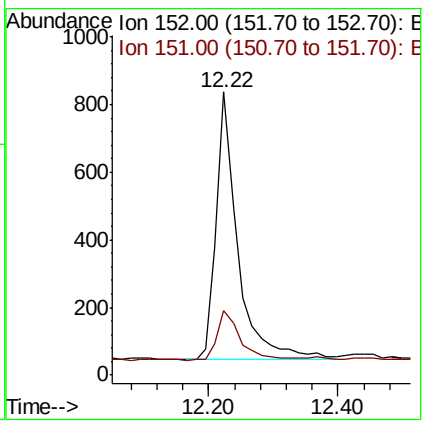


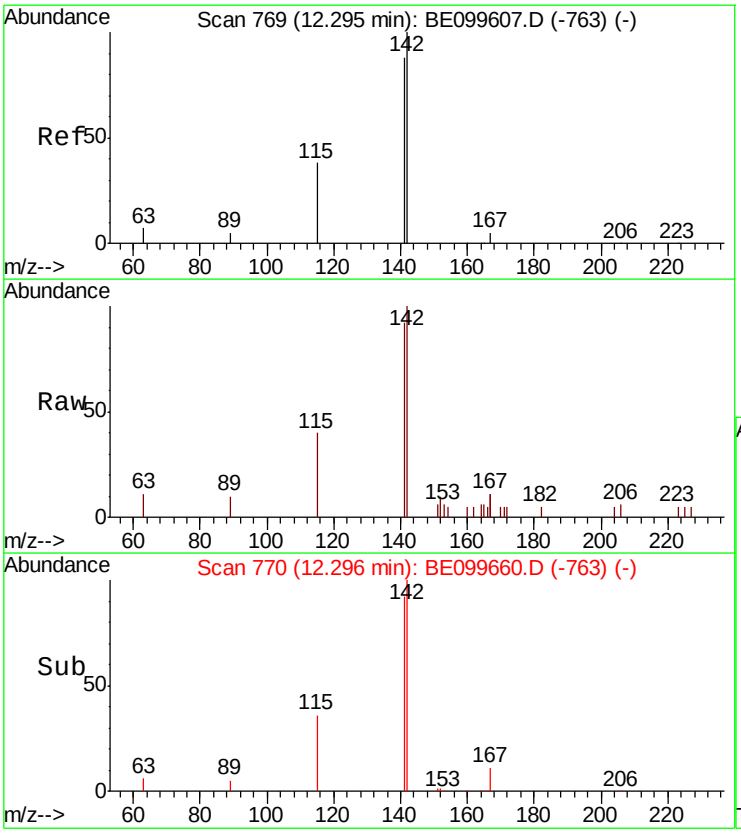
#11
2-Methylnaphthalene-d10
Concen: 0.199 ng
RT: 12.22 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1815

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.0	22.4

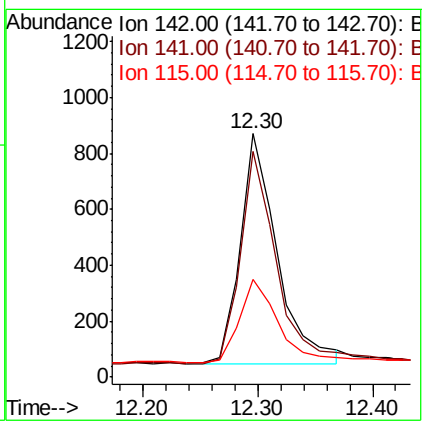


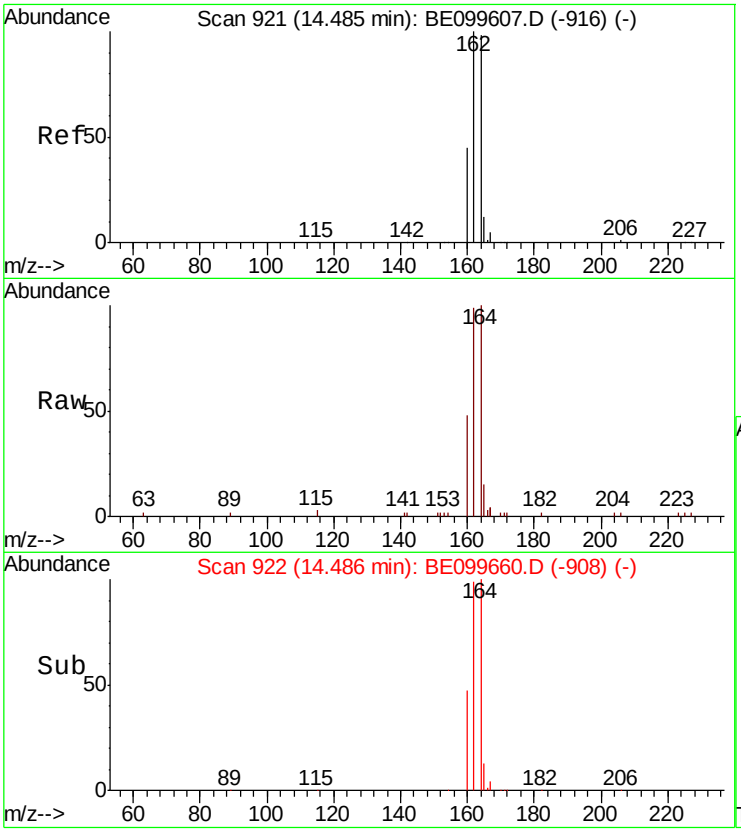


#12
2-Methylnaphthalene
Concen: 0.192 ng
RT: 12.30 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:142 Resp: 1827

Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.0	108.0
115	40.0	31.0	46.4



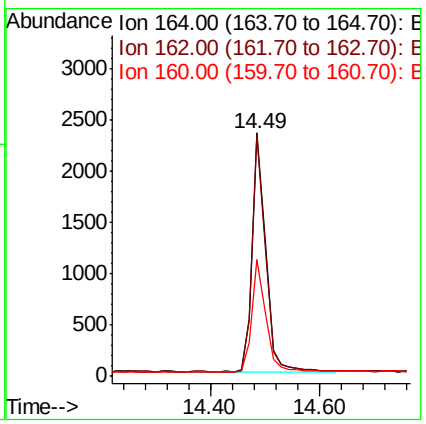


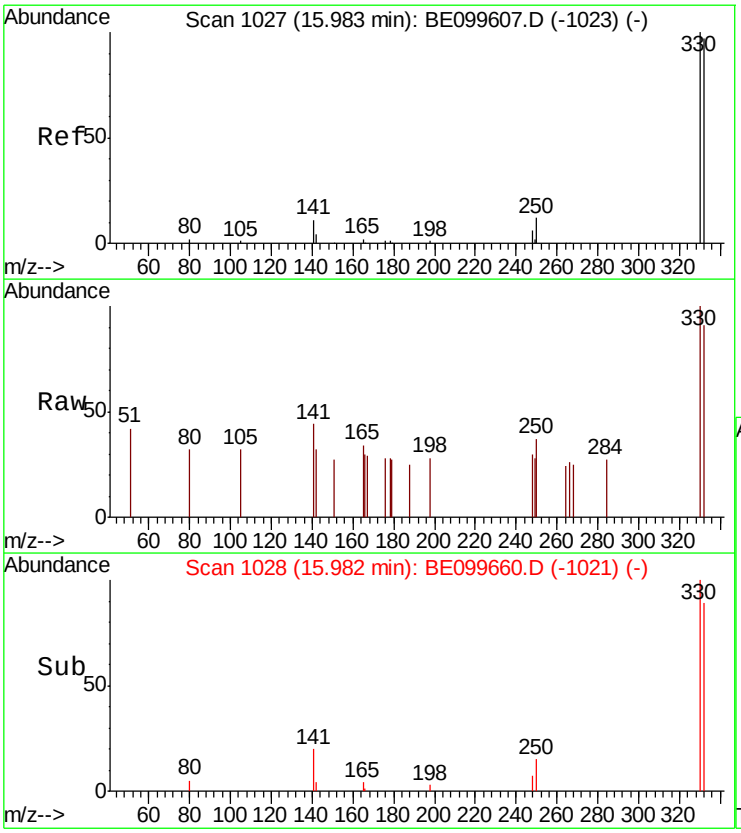
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3883

Ion	Ratio	Lower	Upper
164	100		
162	98.9	76.5	114.7
160	48.2	37.4	56.2

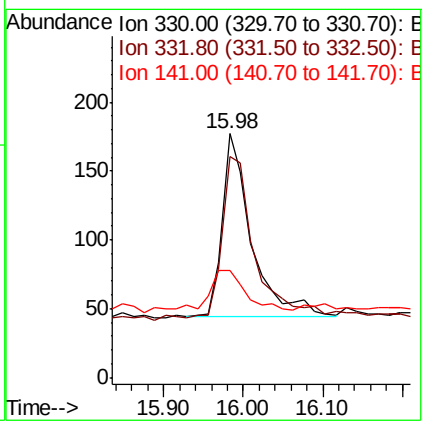


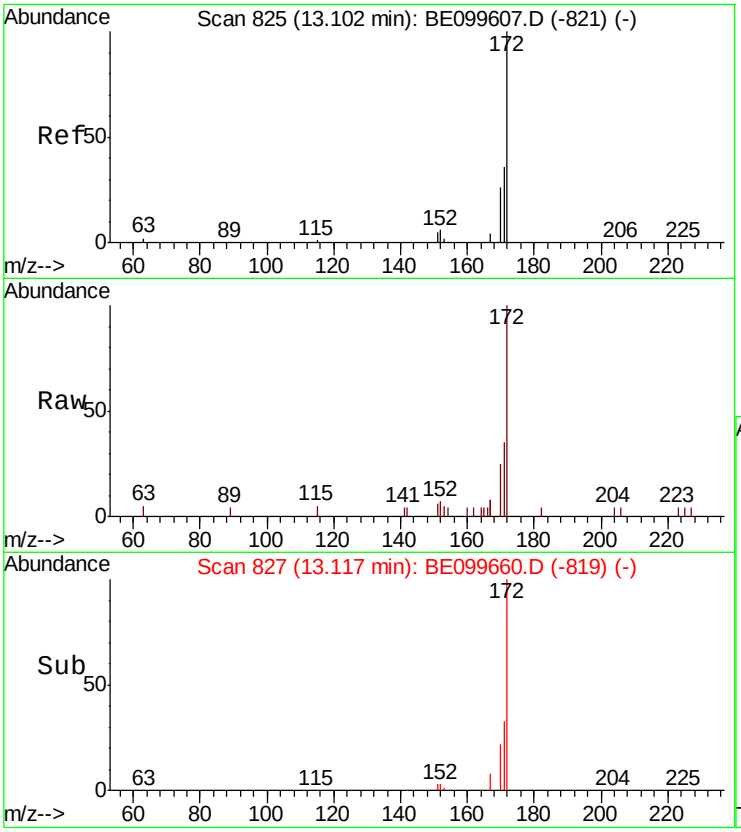


#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 15.98 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:330 Resp: 339

Ion	Ratio	Lower	Upper
330	100		
332	102.1	77.3	115.9
141	26.0	18.9	28.3



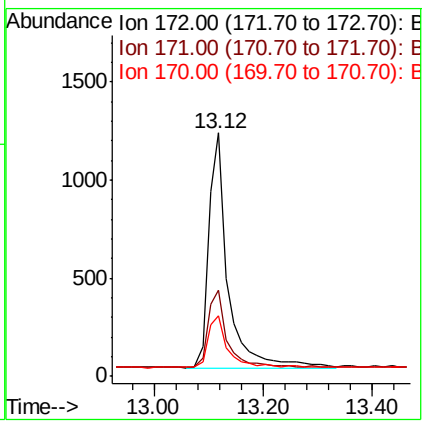


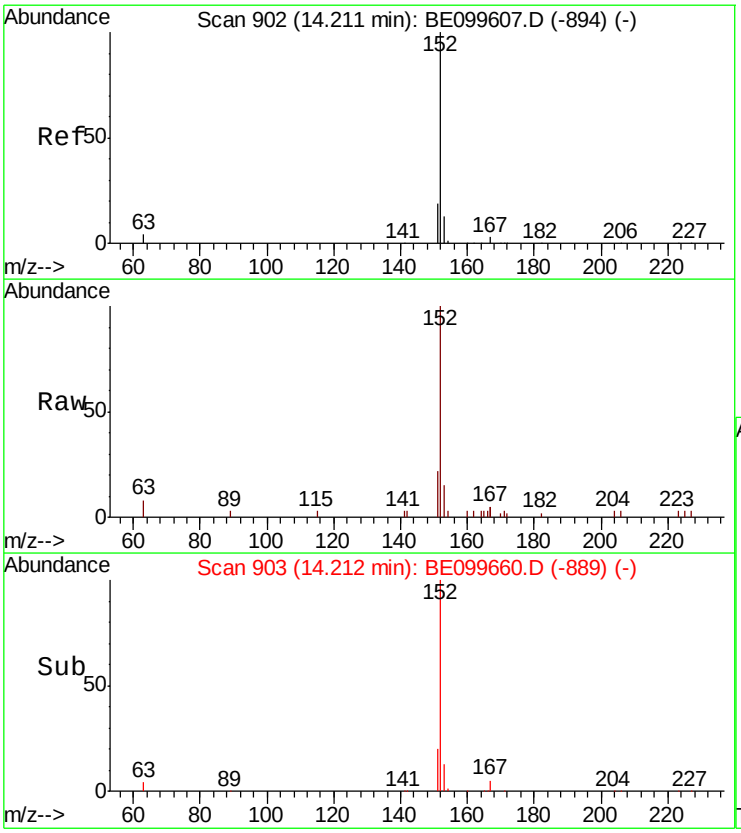
#15
2-Fluorobiphenyl
Concen: 0.196 ng
RT: 13.12 min Scan# 827
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2928

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	25.1	20.9	31.3

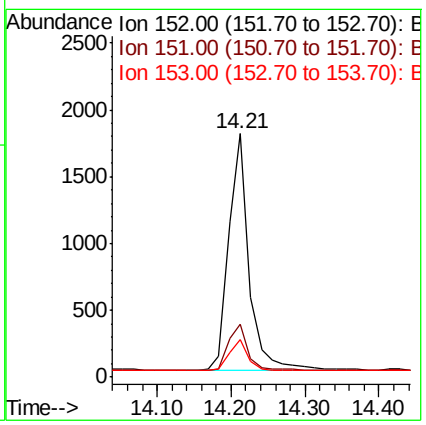


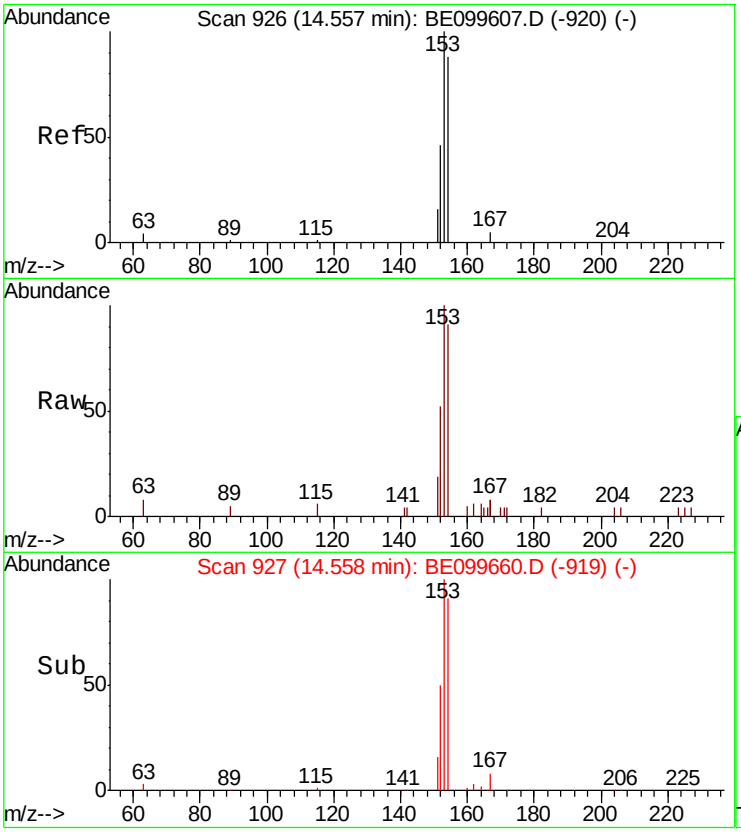


#16
Acenaphthylene
Concen: 0.186 ng
RT: 14.21 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:152 Resp: 3403

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	13.1	10.6	16.0



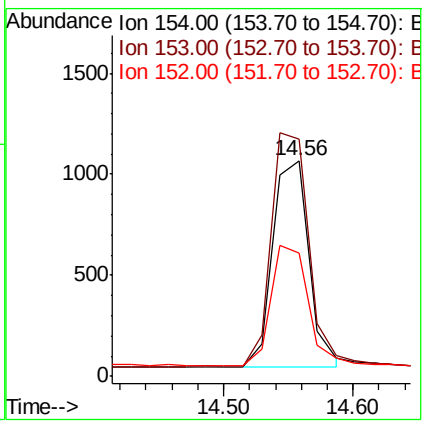


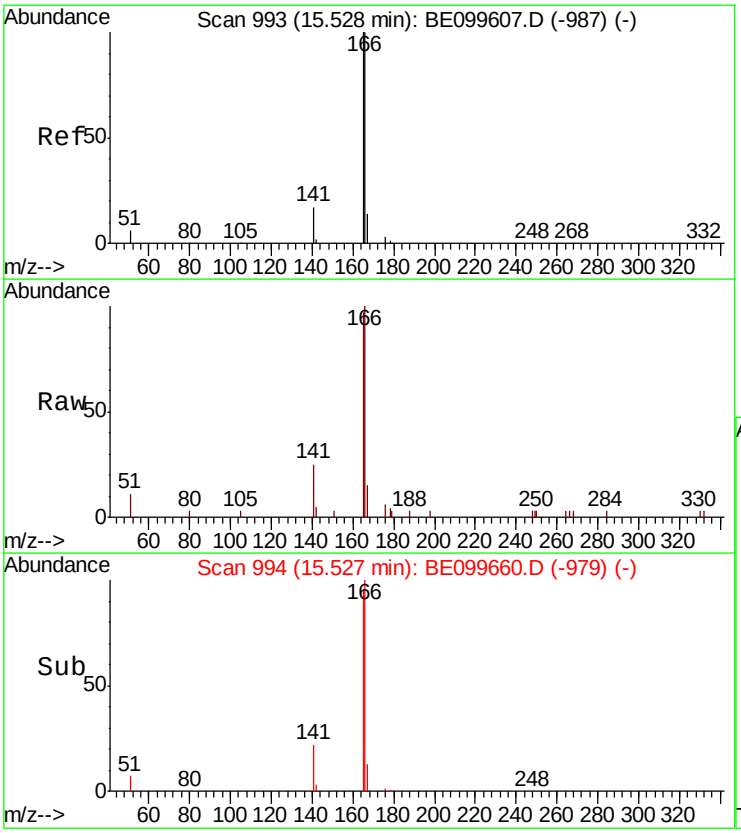
#17
Acenaphthene
Concen: 0.192 ng
RT: 14.56 min Scan# 927
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1992

Ion	Ratio	Lower	Upper
154	100		
153	118.0	92.2	138.4
152	59.5	46.2	69.4

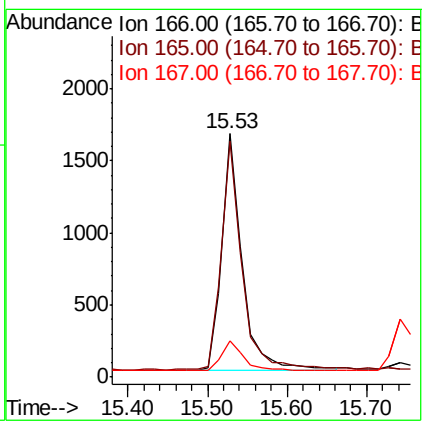


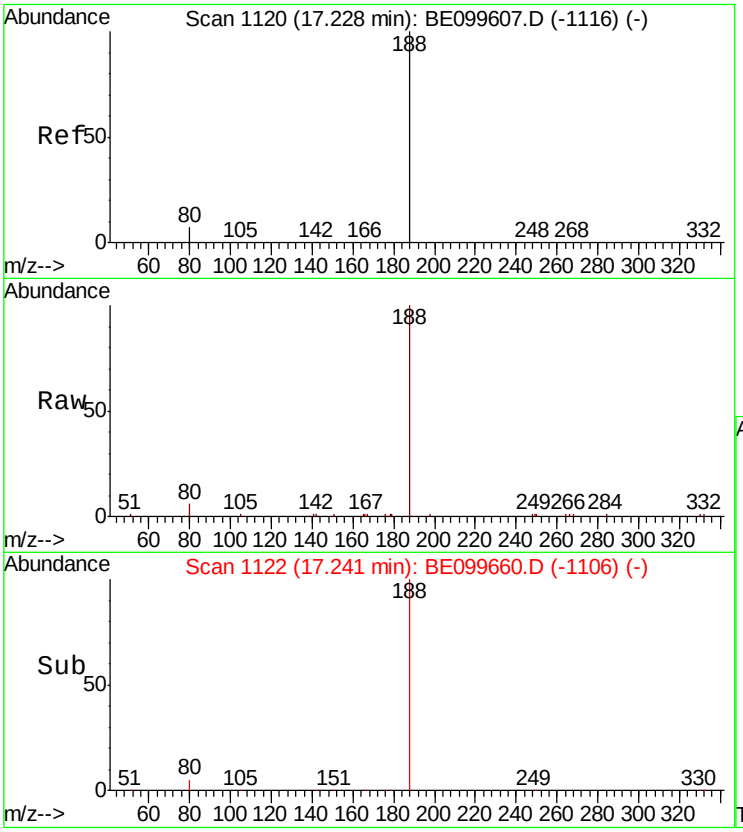


#18
Fluorene
Concen: 0.196 ng
RT: 15.53 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:166 Resp: 2910

Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.3	120.5
167	13.3	10.6	16.0



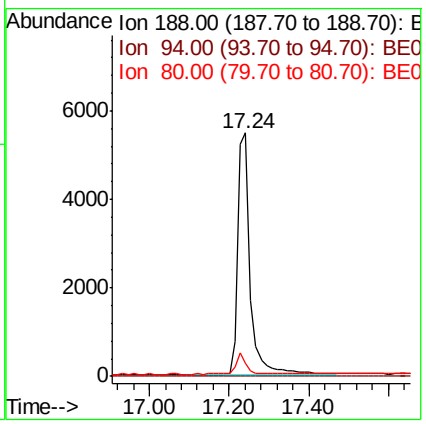


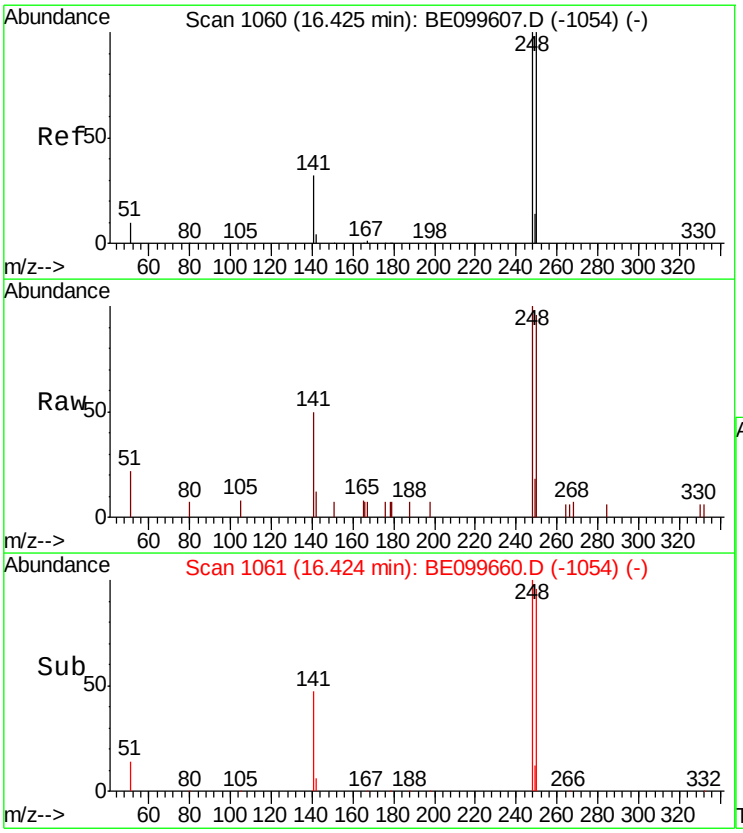
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 12111

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.5	6.7	10.1#

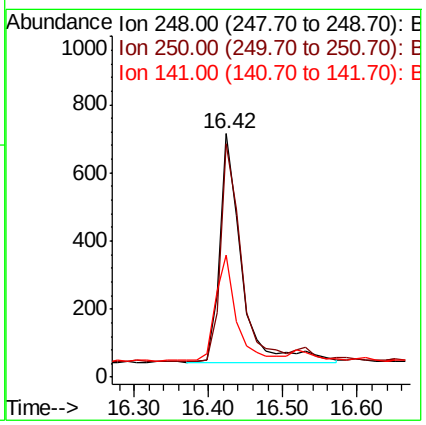


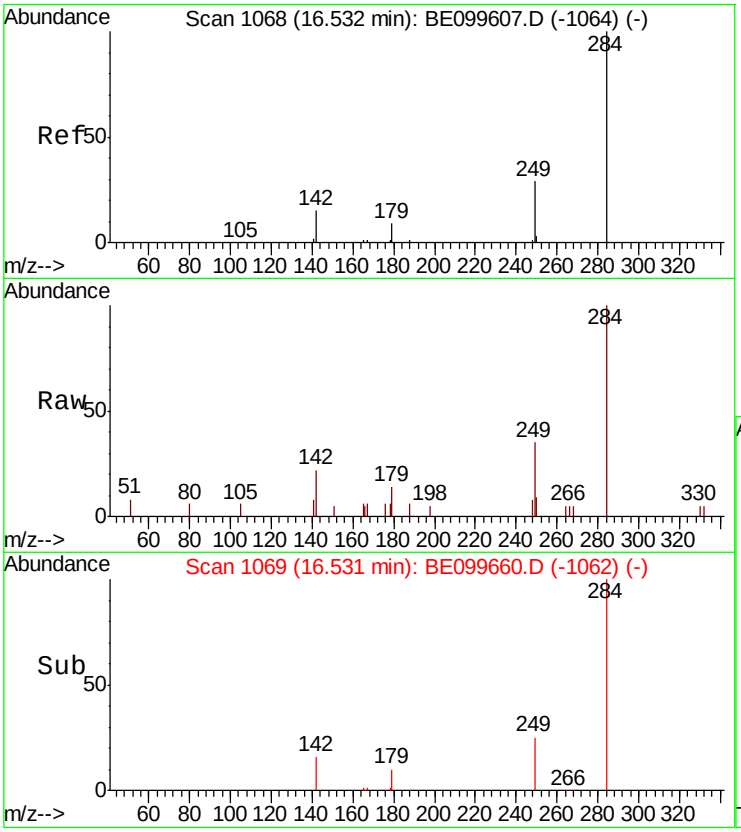


#20
4-Bromophenyl-phenylether
Concen: 0.196 ng
RT: 16.42 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:248 Resp: 1366

Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.8	119.8
141	50.3	27.0	40.6#



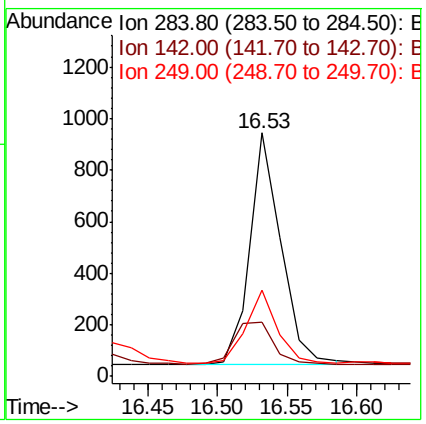


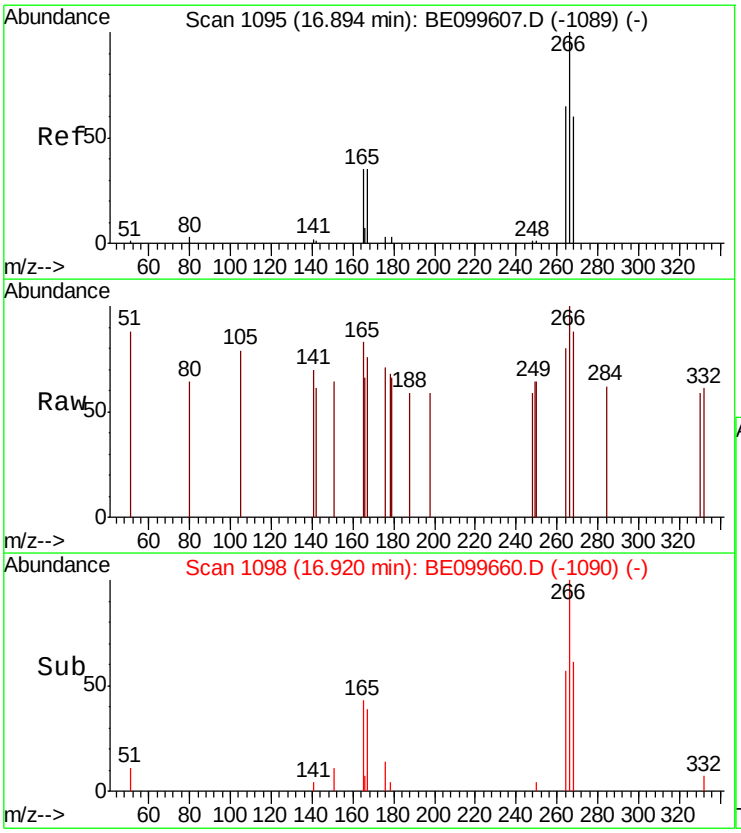
#21
Hexachlorobenzene
Concen: 0.205 ng
RT: 16.53 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1405

Ion	Ratio	Lower	Upper
284	100		
142	22.6	17.8	26.6
249	30.5	24.8	37.2

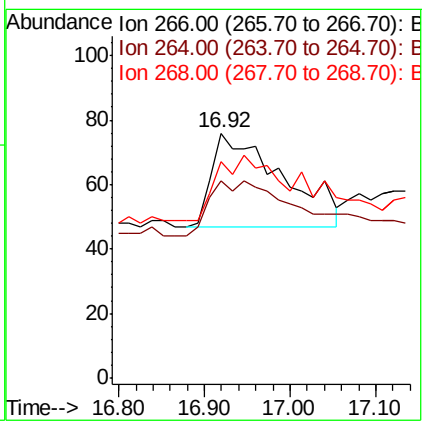


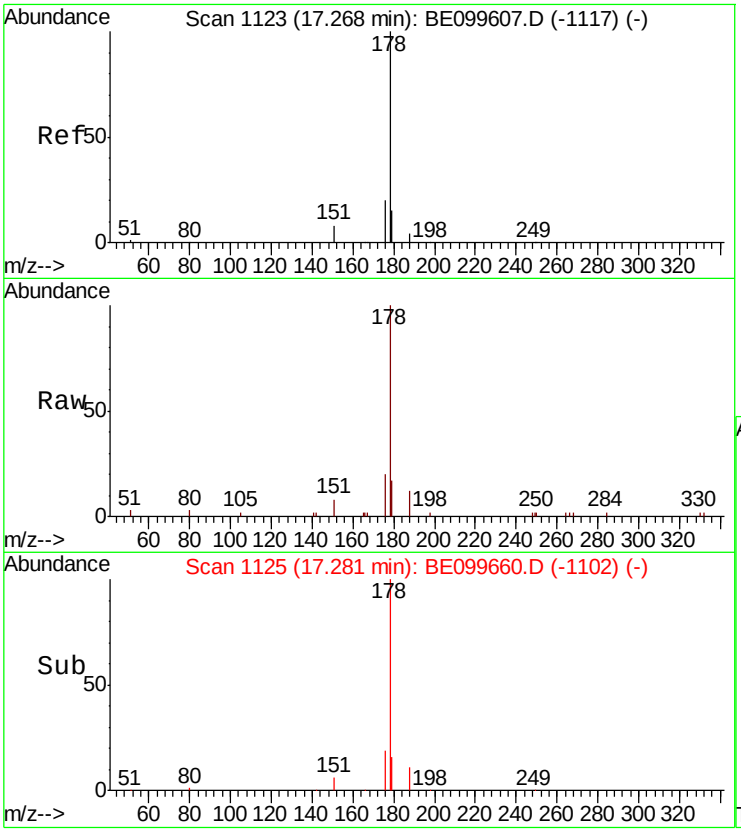


#22
Pentachlorophenol
Concen: 0.060 ng
RT: 16.92 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:266 Resp: 163

Ion	Ratio	Lower	Upper
266	100		
264	80.3	57.2	85.8
268	88.2	60.5	90.7



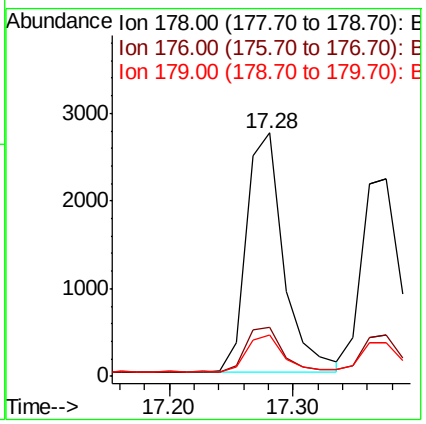


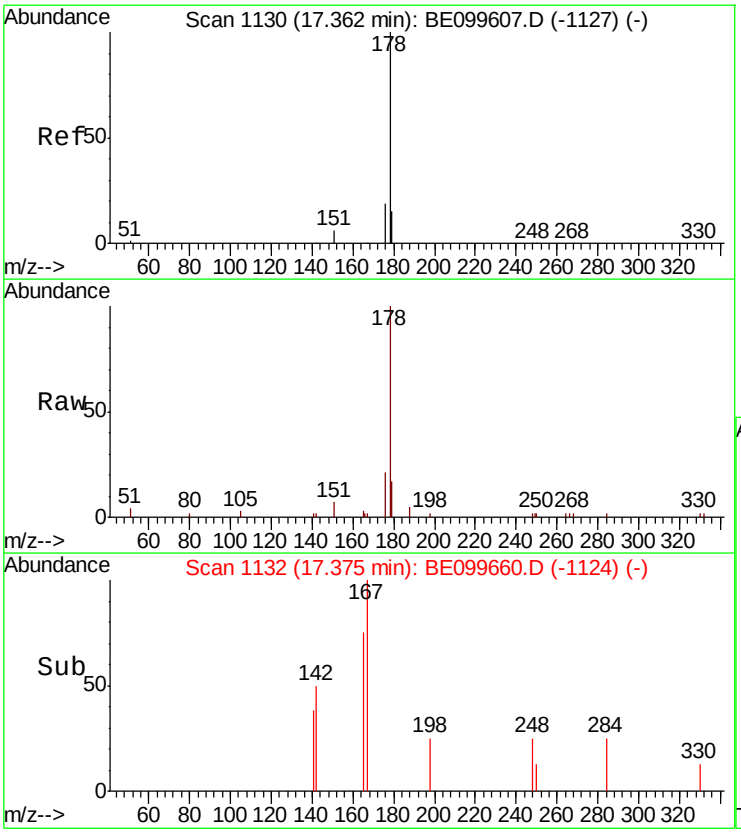
#23
Phenanthrene
Concen: 0.190 ng
RT: 17.28 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5701

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.1	12.2	18.4

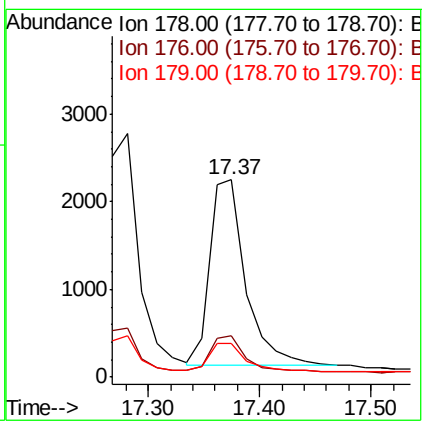


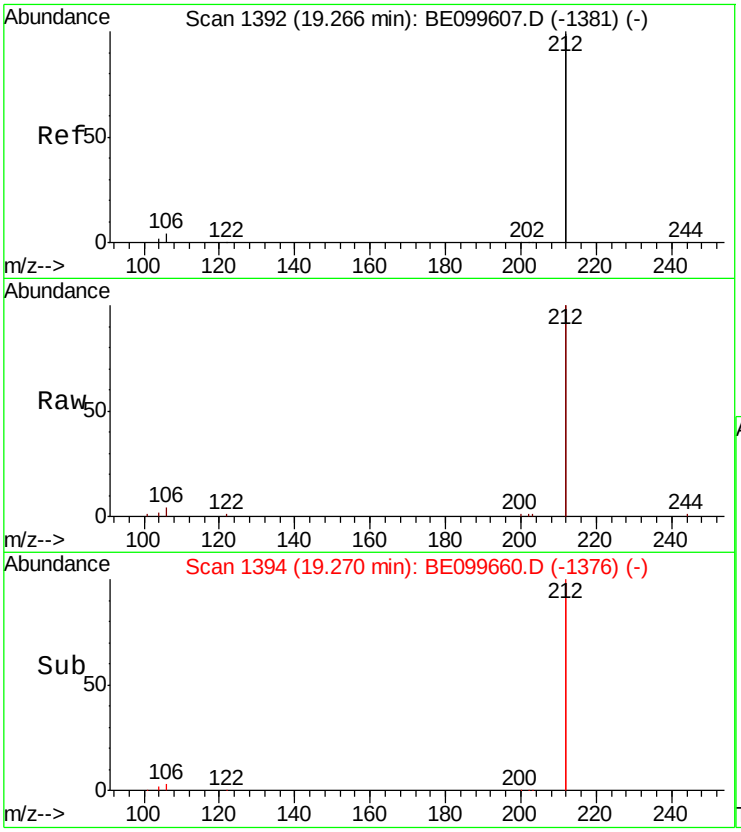


#24
Anthracene
Concen: 0.172 ng
RT: 17.37 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:178 Resp: 4757

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.7	12.0	18.0



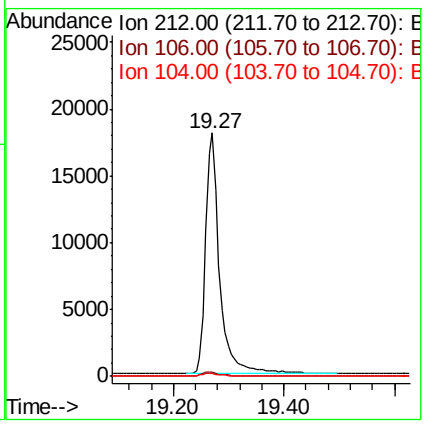


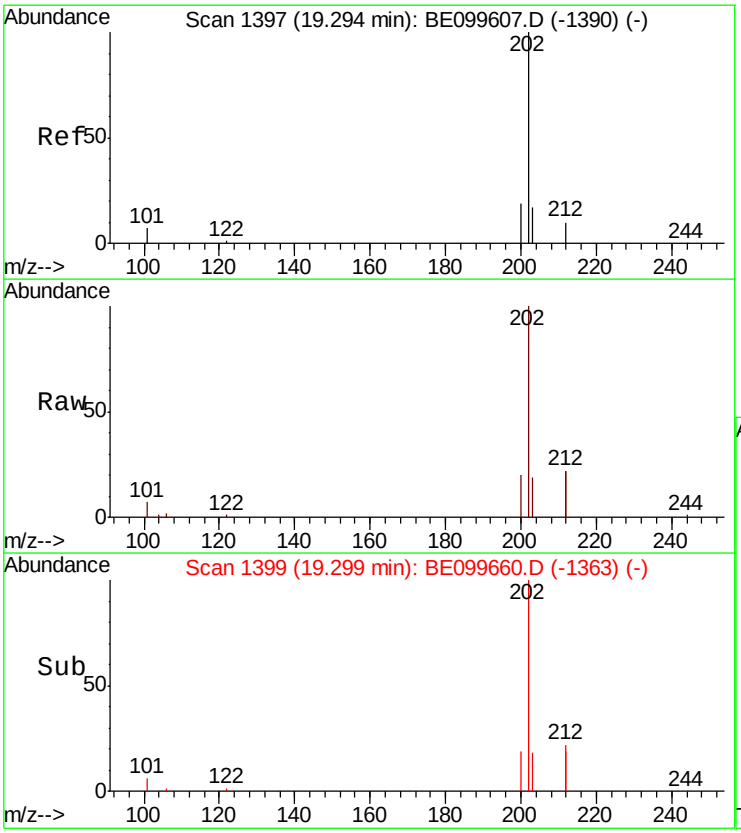
#25
Fluoranthene-d10
Concen: 0.198 ng
RT: 19.27 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 31853

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	0.9	0.8	1.2

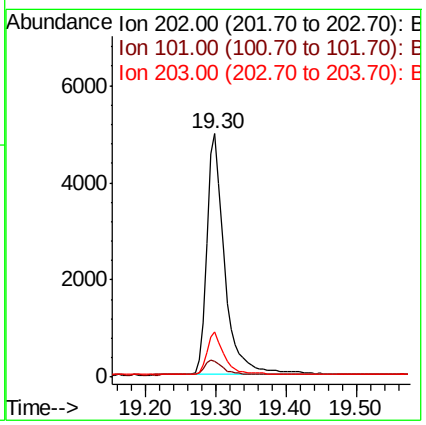


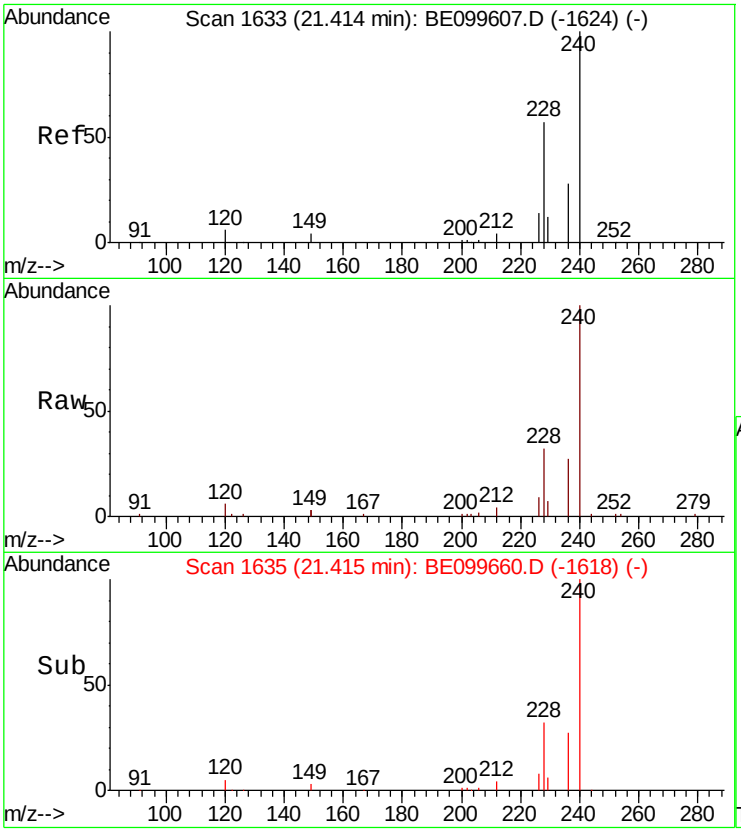


#26
Fluoranthene
Concen: 0.195 ng
RT: 19.30 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:202 Resp: 8850

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.2	7.8
203	16.5	13.8	20.6



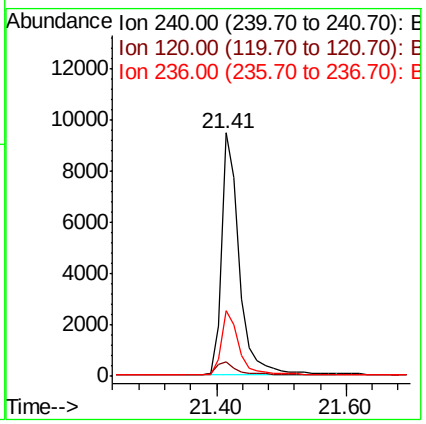


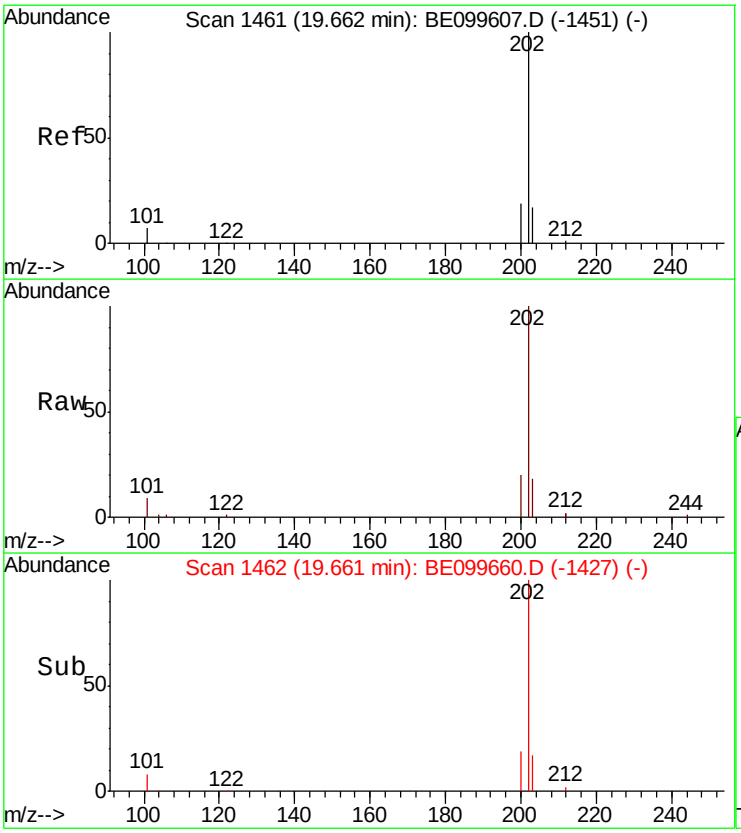
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 18182

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.4	8.0
236	26.9	21.7	32.5

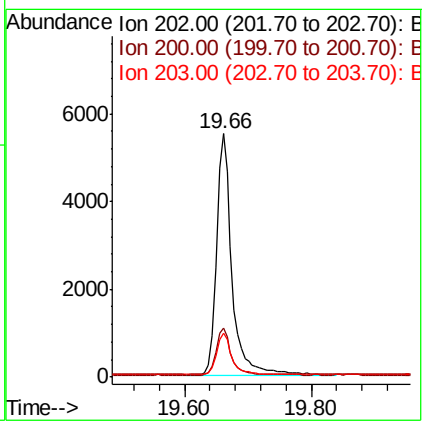


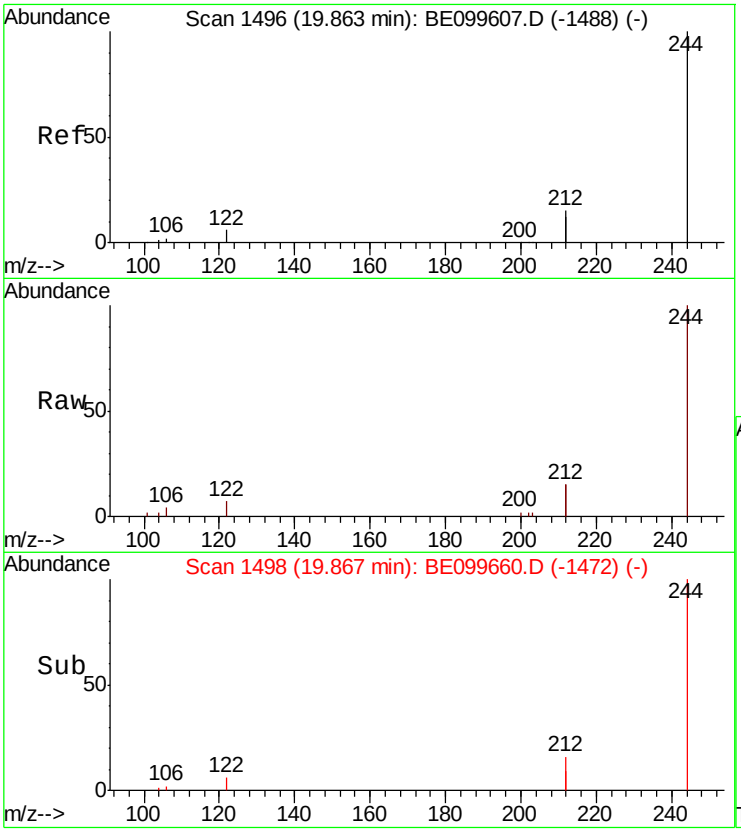


#28
Pyrene
Concen: 0.198 ng
RT: 19.66 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:202 Resp: 9185

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.4	23.2
203	17.5	13.8	20.8



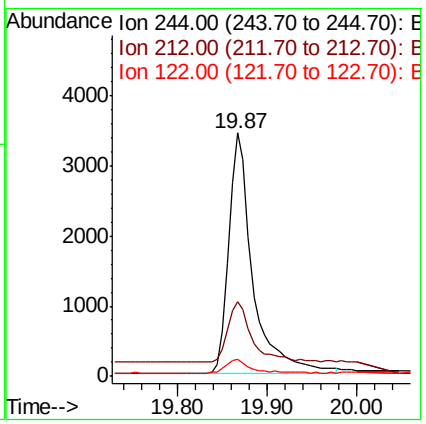


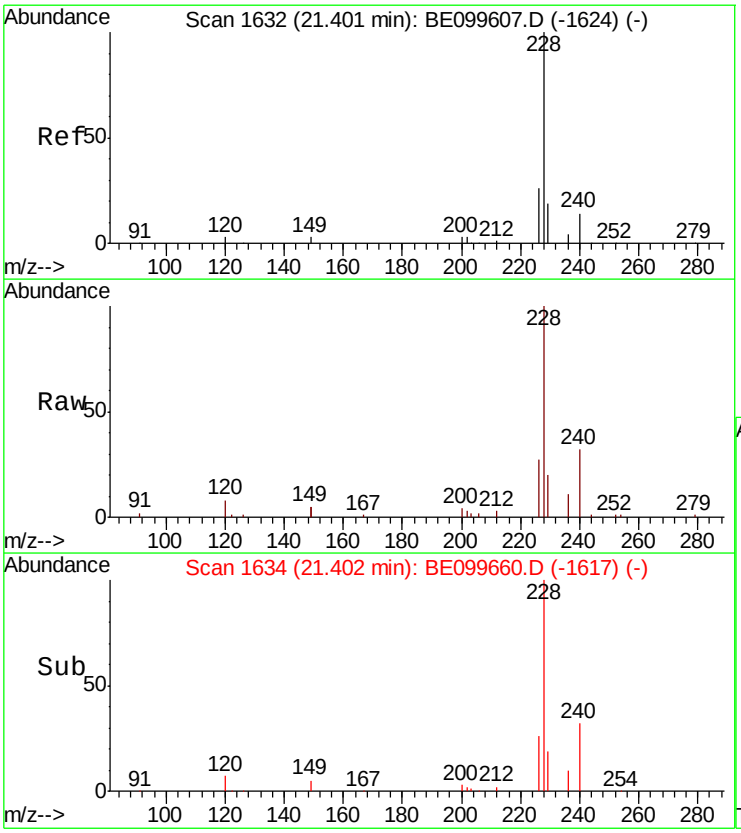
#29
Terphenyl-d14
Concen: 0.192 ng
RT: 19.87 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6287

Ion	Ratio	Lower	Upper
244	100		
212	30.7	22.5	33.7
122	7.0	4.3	6.5#

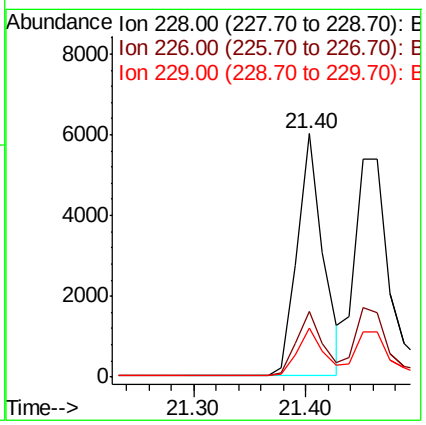


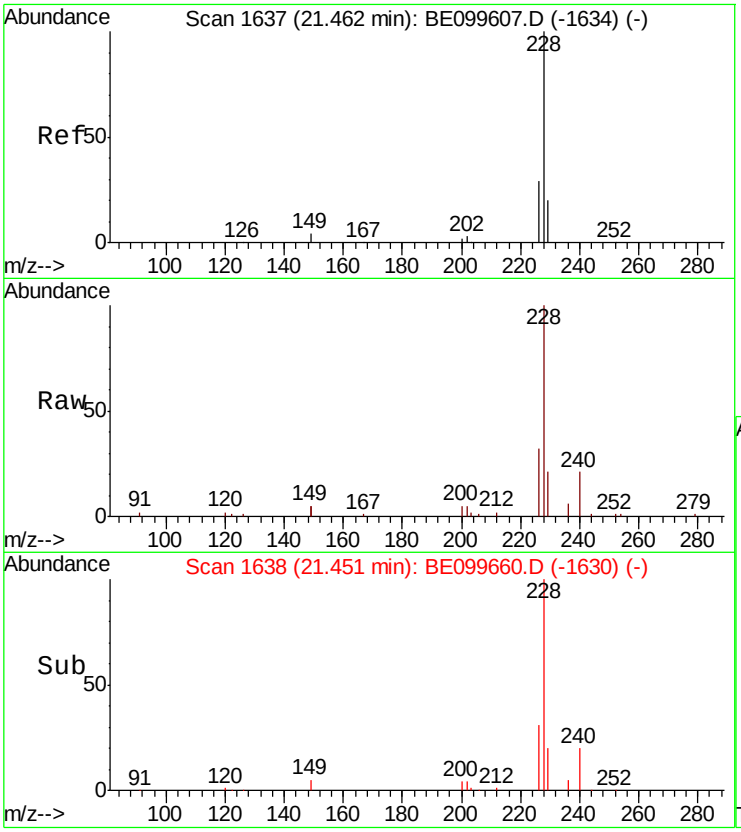


#30
Benzo(a)anthracene
Concen: 0.174 ng
RT: 21.40 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:228 Resp: 9550

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.3	31.9
229	19.9	16.1	24.1



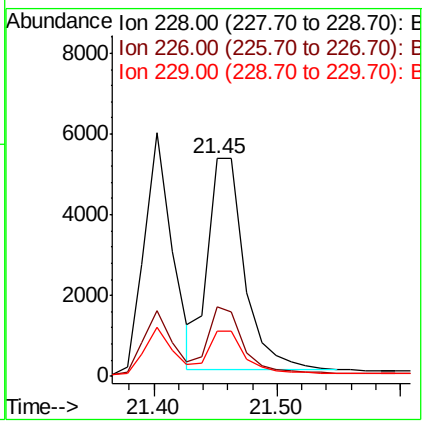


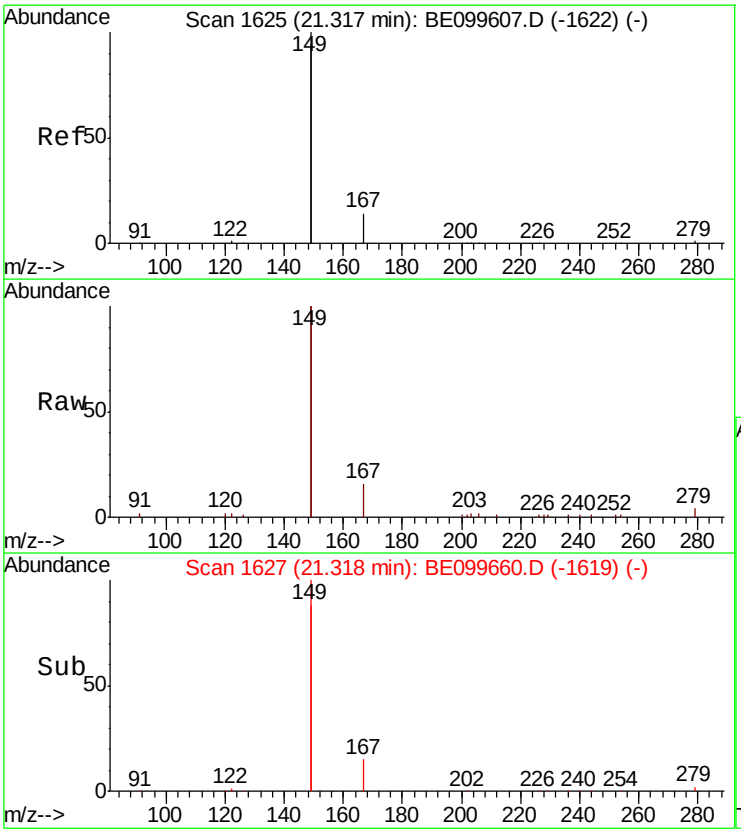
#31
Chrysene
Concen: 0.192 ng
RT: 21.45 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10854

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.7	37.1
229	20.6	15.8	23.6

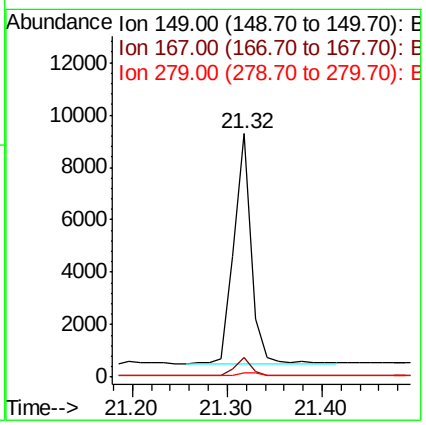


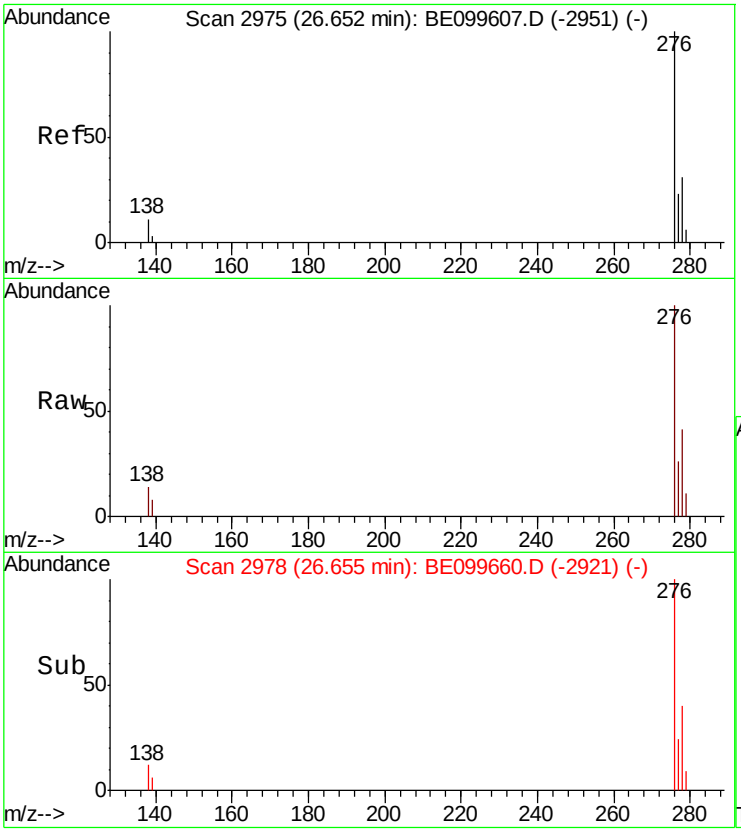


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.132 ng
RT: 21.32 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:149 Resp: 11165

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.2	9.4
279	1.6	1.2	1.8



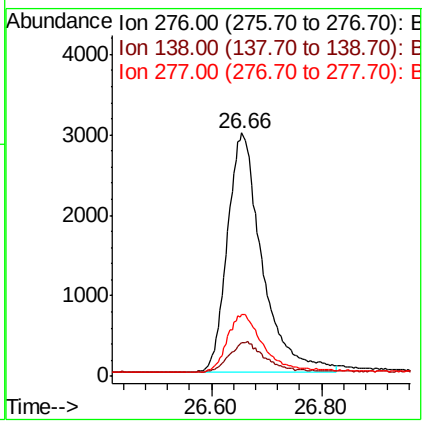


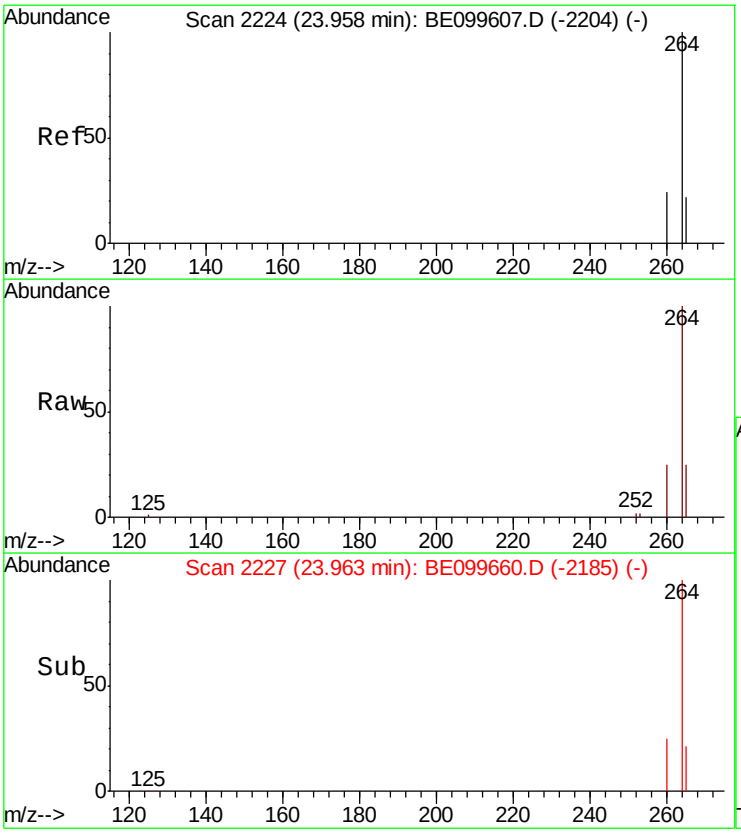
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng
RT: 26.66 min Scan# 2978
Delta R.T. 0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13091

Ion	Ratio	Lower	Upper
276	100		
138	12.4	9.6	14.4
277	24.1	19.2	28.8

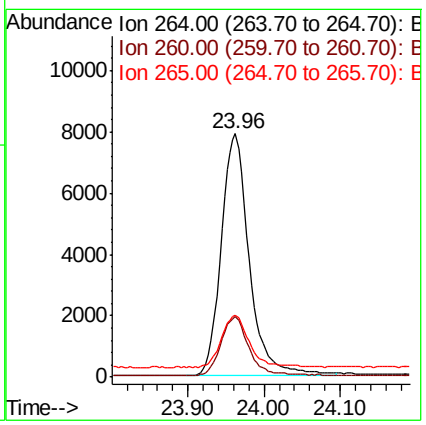


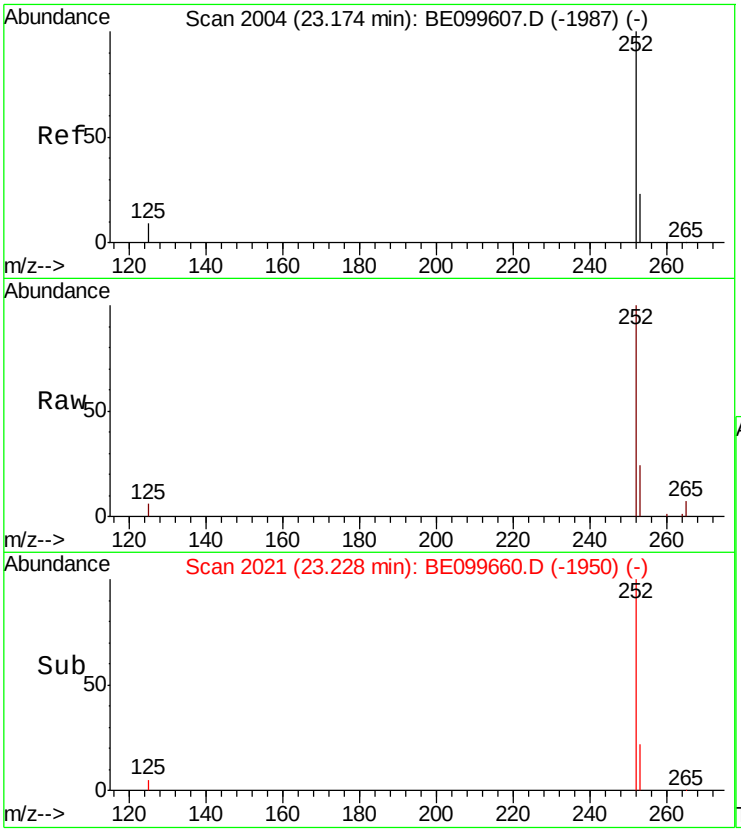


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:264 Resp: 20207

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	25.3	19.1	28.7



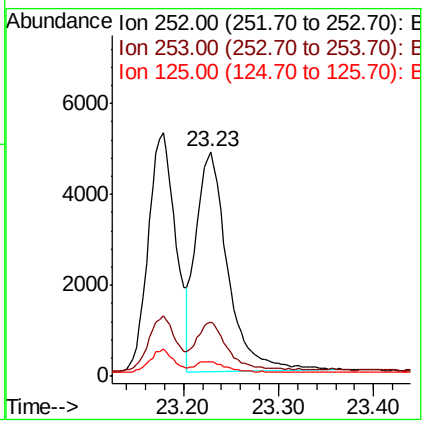


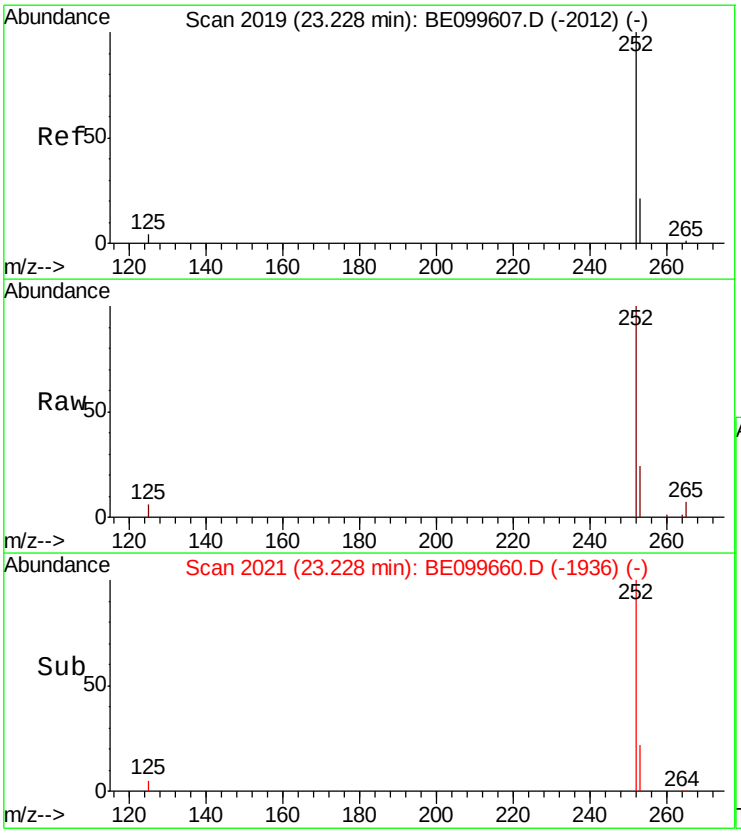
#35
Benzo(b)fluoranthene
Concen: 0.198 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.05 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11190

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	6.4	4.5	6.7

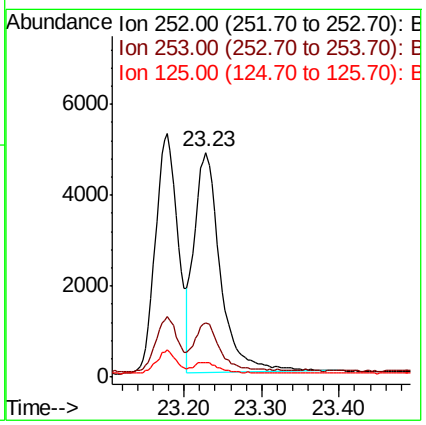


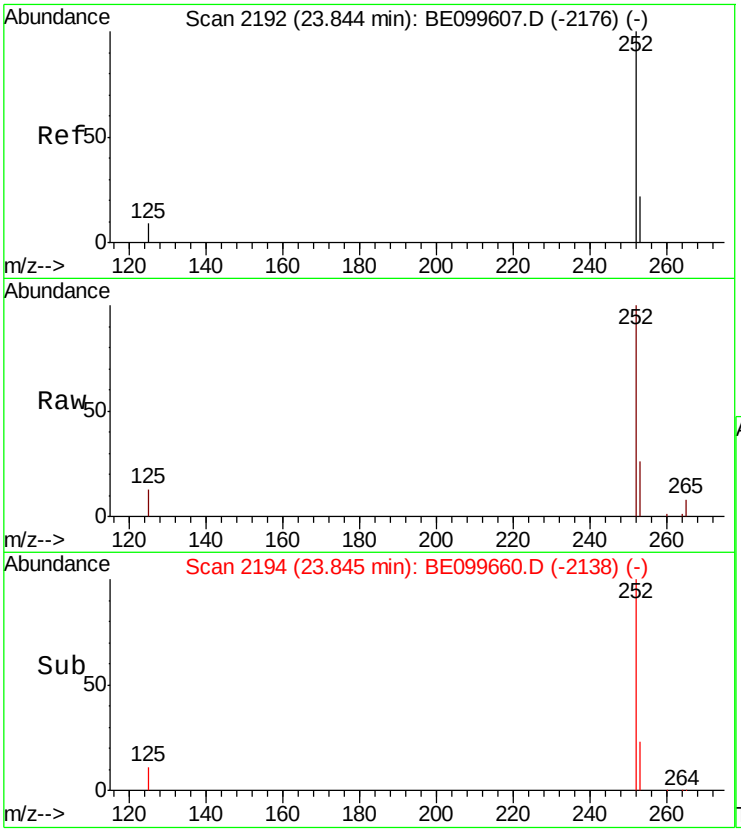


#36
Benzo(k)fluoranthene
Concen: 0.204 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:252 Resp: 11373

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	6.4	4.6	6.8



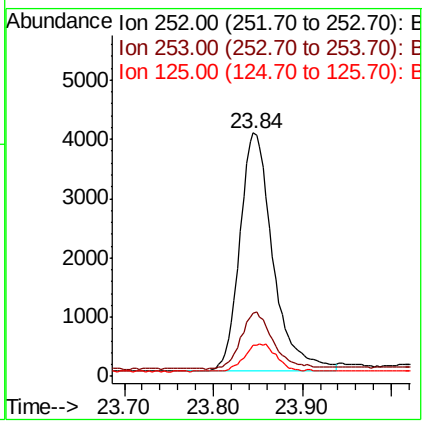


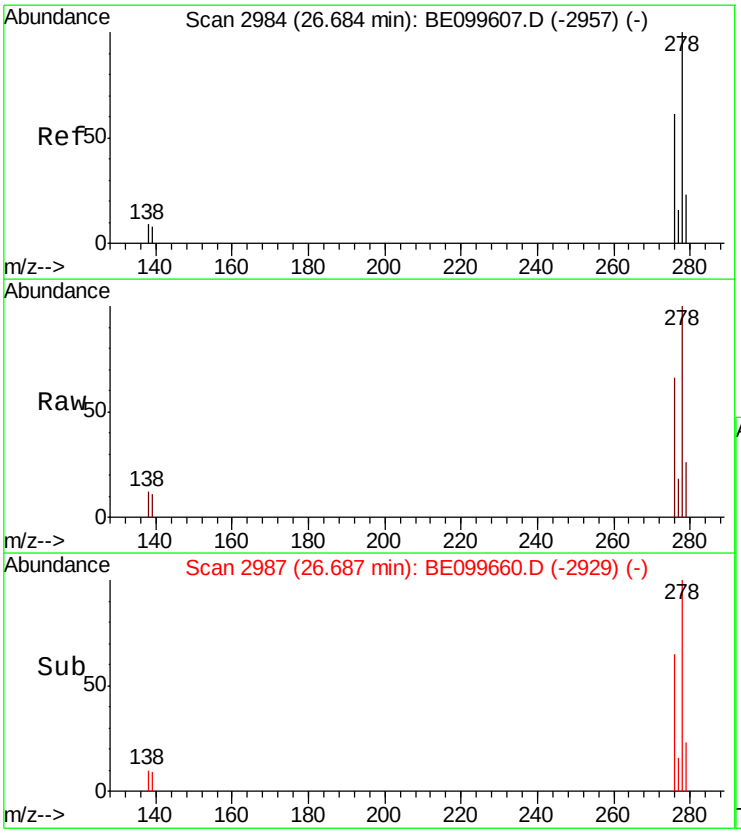
#37
Benzo(a)pyrene
Concen: 0.189 ng
RT: 23.84 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10338

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.9	28.3
125	12.8	5.4	8.0#

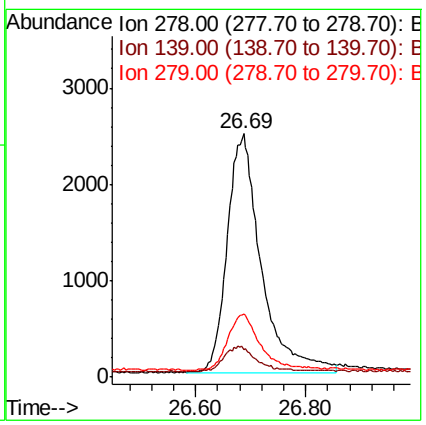


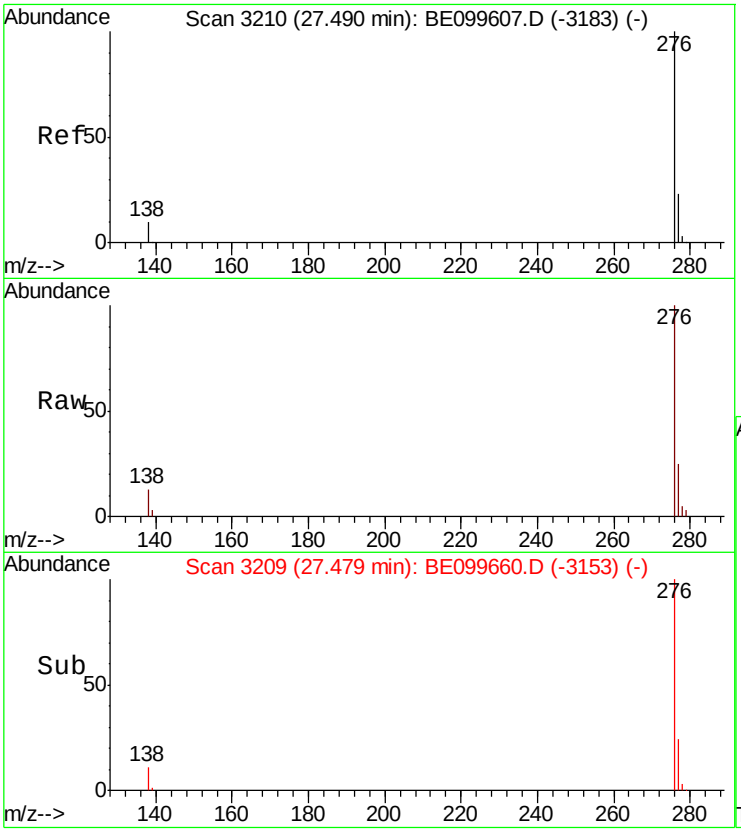


#38
Dibenzo(a,h)anthracene
Concen: 0.187 ng
RT: 26.69 min Scan# 2987
Delta R.T. 0.01 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Tgt Ion:278 Resp: 10591

Ion	Ratio	Lower	Upper
278	100		
139	11.3	6.9	10.3#
279	26.2	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.191 ng
RT: 27.48 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE099660.D
Acq: 20 May 2019 11:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10927

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.6
138	12.7	9.2	13.8