Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
Data File : BE099080.D
Acq On : 22 Mar 2019 13:55
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 22 15:05:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3128	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	13005	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	9165	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	27086	0.40	ng		0.00
27) Chrysene-d12	21.39	240	33092	0.40	ng		0.00
34) Perylene-d12	23.90	264	31425	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	29664	3.17	ng		0.00
5) Phenol-d6	7.00	99	43415	3.29	ng		0.00
8) Nitrobenzene-d5	8.99	82	20226	1.48	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	75942	3.16	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	10980	2.37	ng		0.01
15) 2-Fluorobiphenyl	13.12	172	113827	3.00	ng		0.00
25) Fluoranthene-d10	19.24	212	1146871	2.65	ng		0.00
29) Terphenyl-d14	19.84	244	228870	2.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	15415	2.499	ng		93
3) n-Nitrosodimethylamine	3.66	42	8950	1.137	ng	#	100
6) bis(2-Chloroethyl)ether	7.27	93	37056	3.634	ng		98
9) Naphthalene	10.68	128	481683	3.234	ng		99
10) Hexachlorobutadiene	10.97	225	23311	2.366	ng		99
12) 2-Methylnaphthalene	12.31	142	84178	3.484	ng		99
16) Acenaphthylene	14.21	152	160604	3.407	ng		100
17) Acenaphthene	14.54	154	93719	3.352	ng		96
18) Fluorene	15.51	166	134551	3.337	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	47558	3.240	ng		97
21) Hexachlorobenzene	16.52	284	44317	2.539	ng		98
22) Pentachlorophenol	16.87	266	15880	4.477	ng		98
23) Phenanthrene	17.25	178	252705	3.282	ng		99
24) Anthracene	17.35	178	249797	3.796	ng		100
26) Fluoranthene	19.28	202	353747	3.255	ng		99
28) Pyrene	19.63	202	361541	3.571	ng		100
30) Benzo(a)anthracene	21.37	228	368694	3.570	ng		99
31) Chrysene	21.43	228	365660	3.309	ng		100
32) Bis(2-ethylhexyl)phthalate	21.31	149	512023	2.330	ng		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	396423	3.399	ng		99
35) Benzo(b)fluoranthene	23.13	252	346474	3.353	ng		98
36) Benzo(k)fluoranthene	23.18	252	350474	3.240	ng		96
37) Benzo(a)pyrene	23.79	252	327287	3.304	ng		96
38) Dibenzo(a,h)anthracene	26.59	278	325622	3.474	ng		98
39) Benzo(g,h,i)perylene	27.38	276	326143	3.327	ng		98

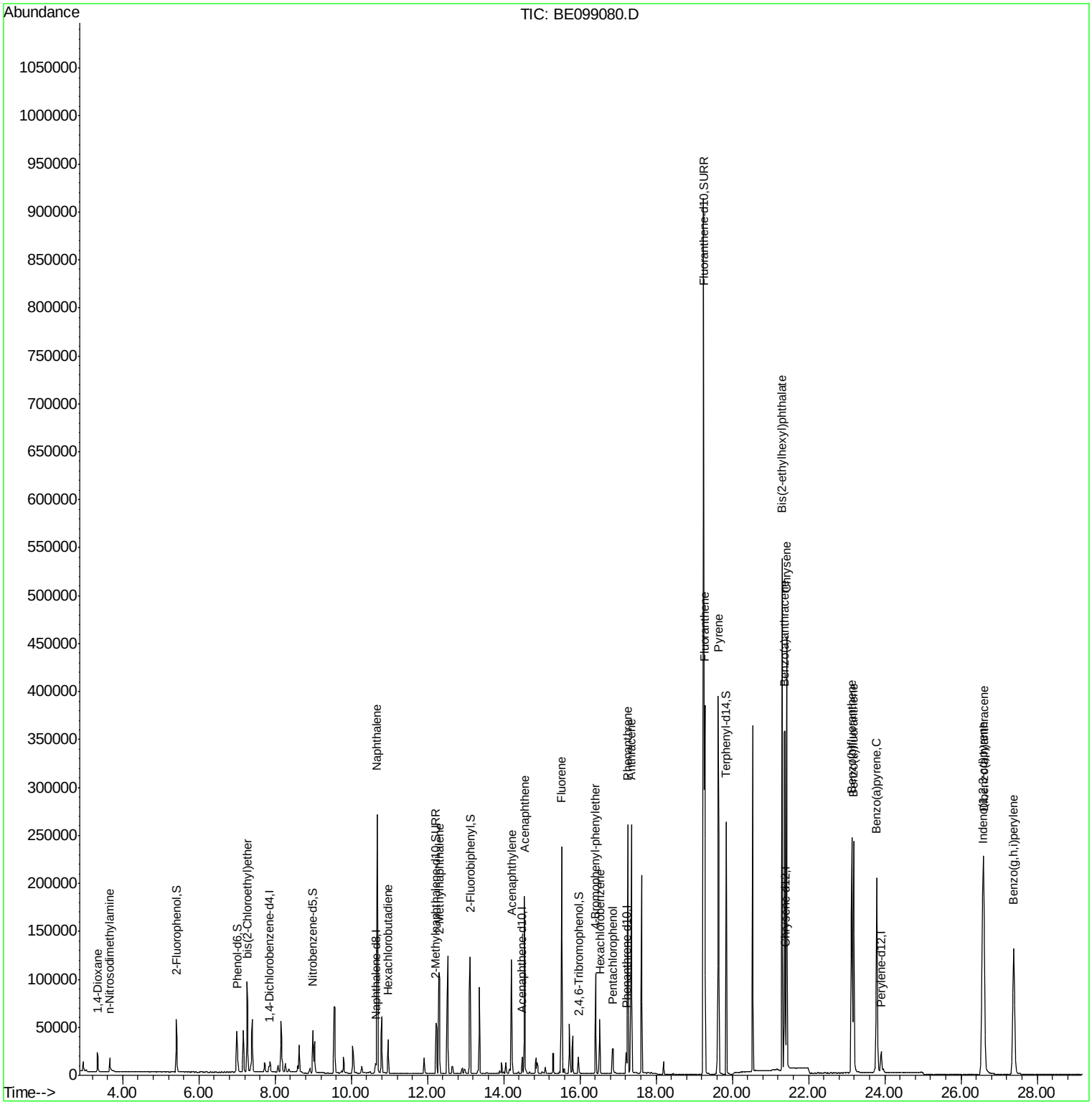
(#) = qualifier out of range (m) = manual integration (+) = signals summed

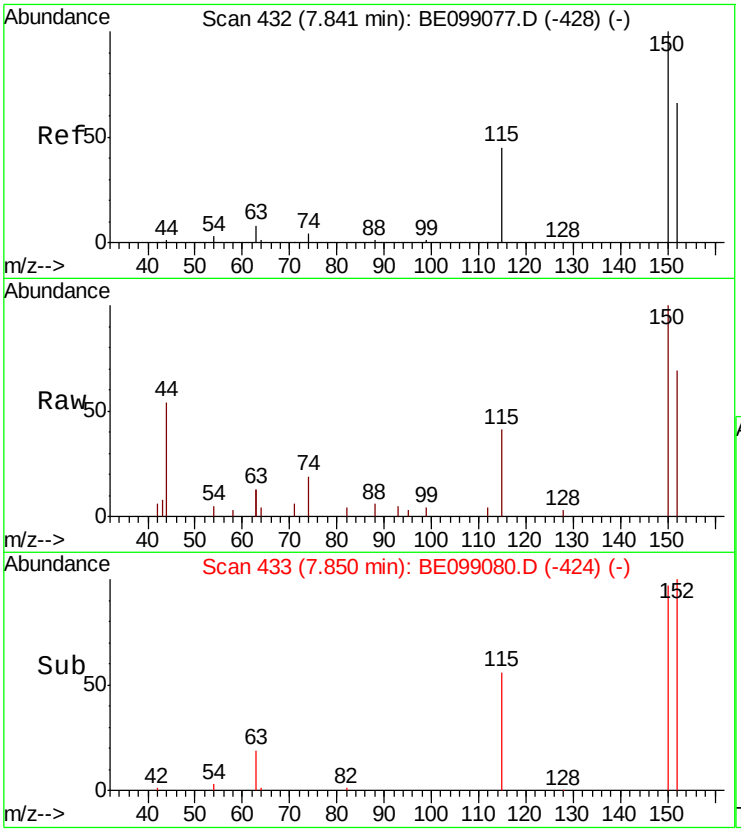
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
Data File : BE099080.D
Acq On : 22 Mar 2019 13:55
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 22 15:05:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration



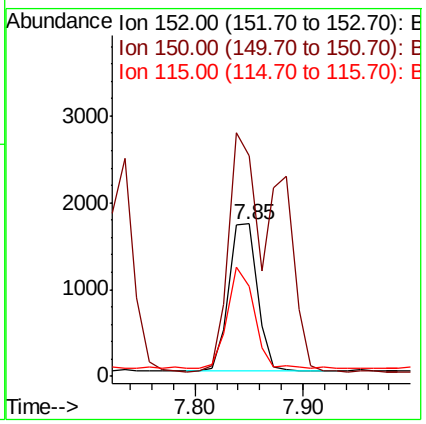


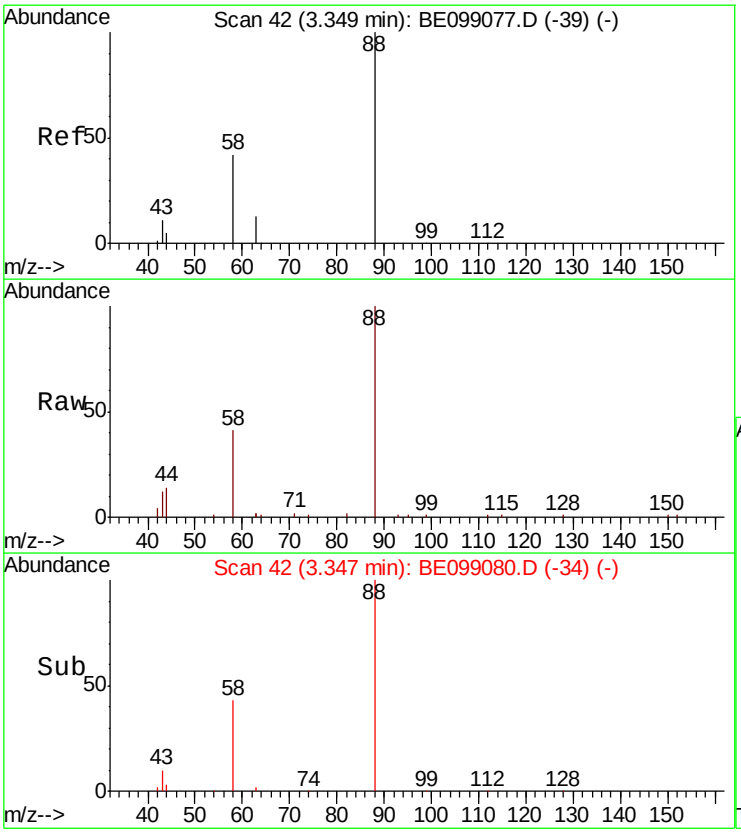
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.01 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3128

Ion	Ratio	Lower	Upper
152	100		
150	144.9	119.7	179.5
115	58.9	56.5	84.7

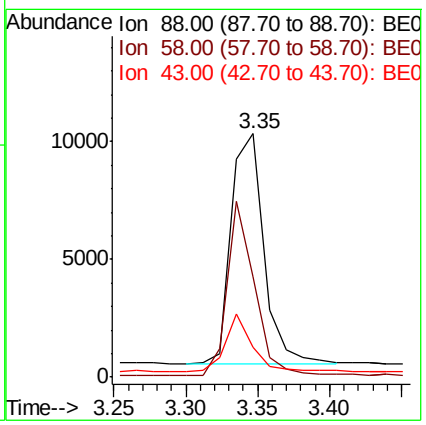


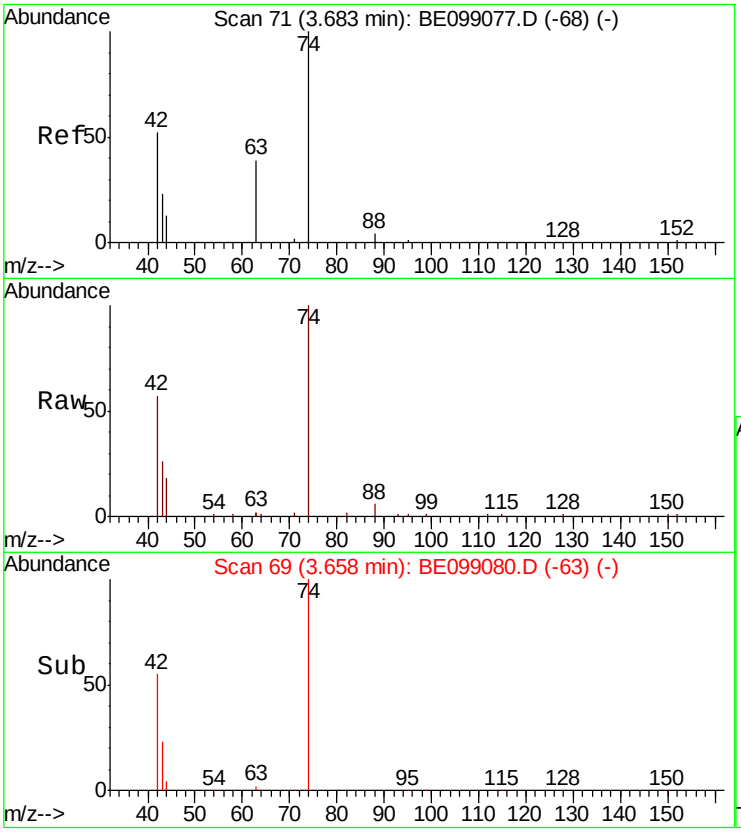


#2
1,4-Dioxane
Concen: 2.499 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion: 88 Resp: 15415

Ion	Ratio	Lower	Upper
88	100		
58	63.1	45.5	68.3
43	20.1	14.9	22.3



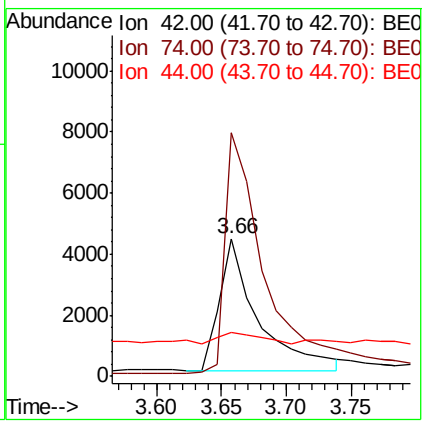


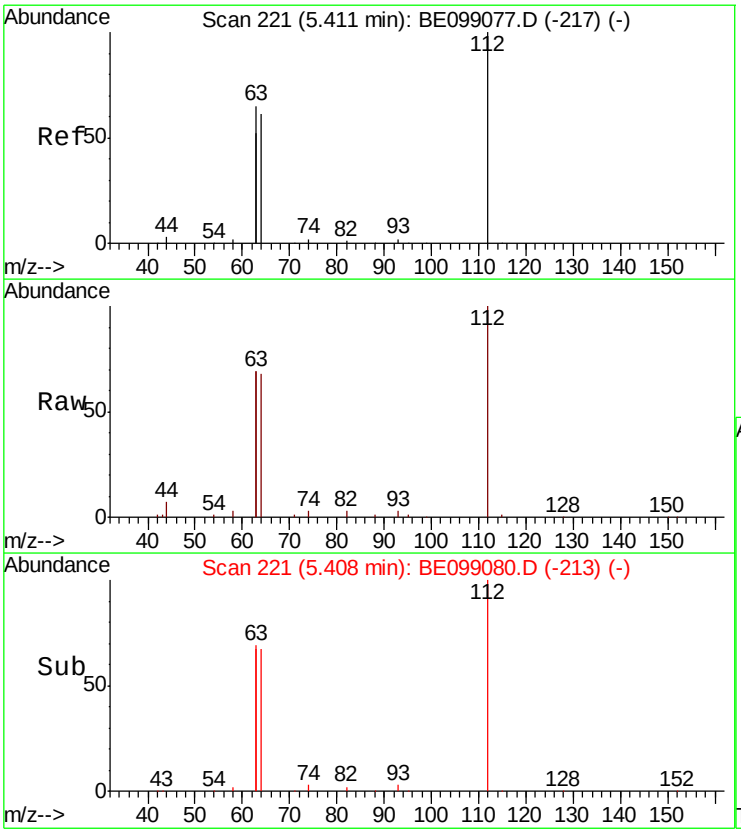
#3
n-Nitrosodimethylamine
Concen: 1.137 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.03 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 8950

Ion	Ratio	Lower	Upper
42	100		
74	187.6	0.0	0.0#
44	9.4	0.0	0.0#

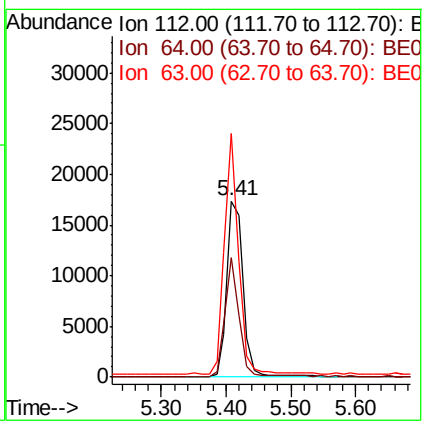


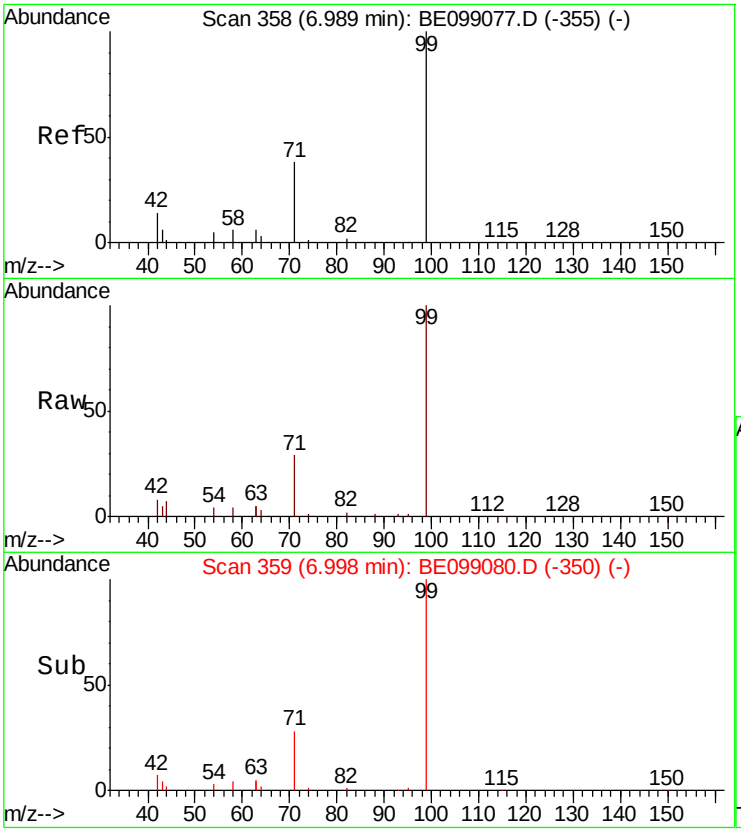


#4
2-Fluorophenol
Concen: 3.172 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:112 Resp: 29664

Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.8	67.2
63	119.4	88.2	132.2



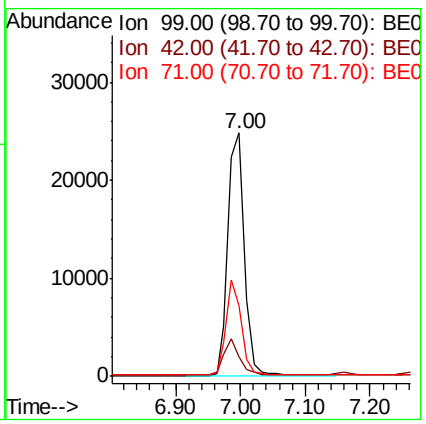


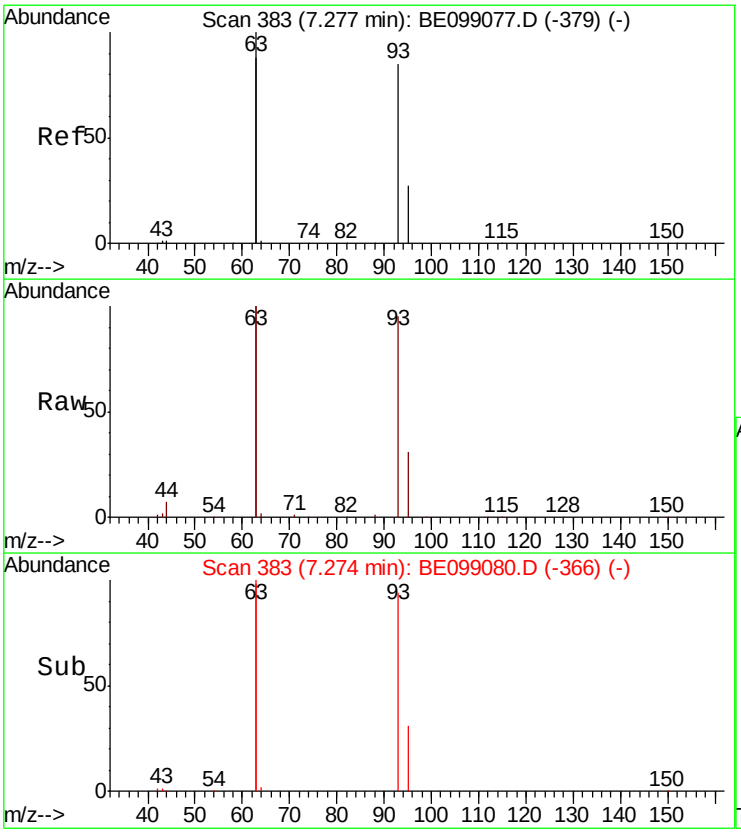
#5
Phenol-d6
Concen: 3.287 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 43415

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.8	17.8
71	36.1	27.4	41.2

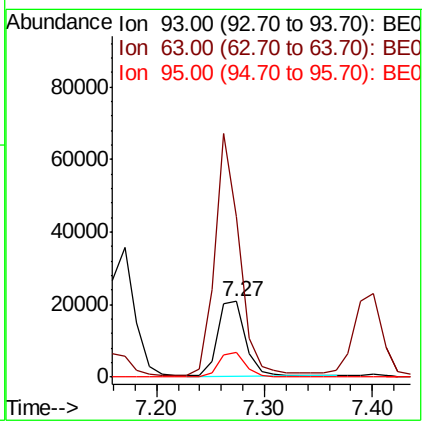


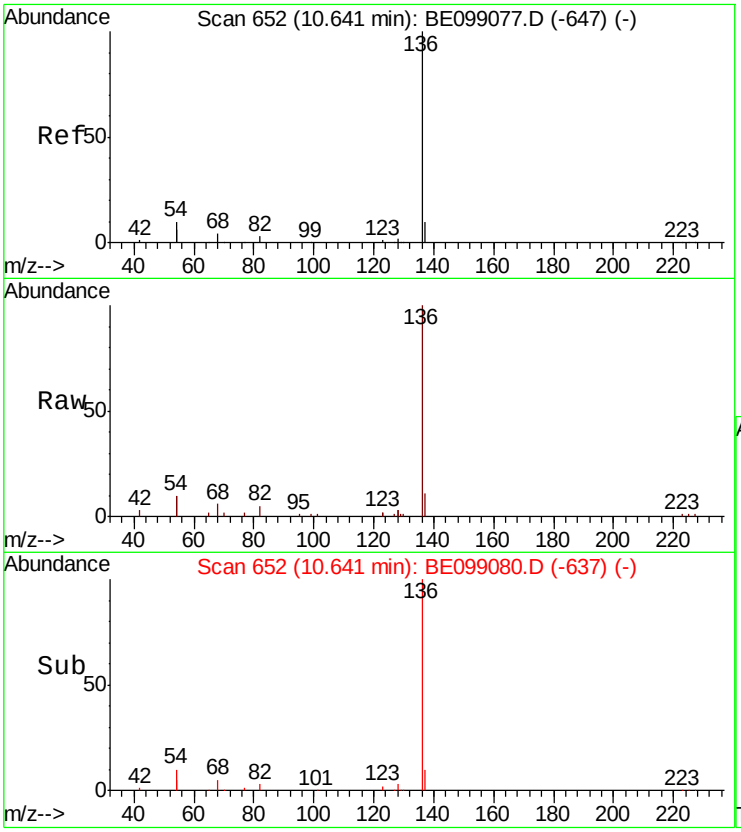


#6
bis(2-Chloroethyl)ether
Concen: 3.634 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion: 93 Resp: 37056

Ion	Ratio	Lower	Upper
93	100		
63	285.0	230.3	345.5
95	32.5	27.4	41.2



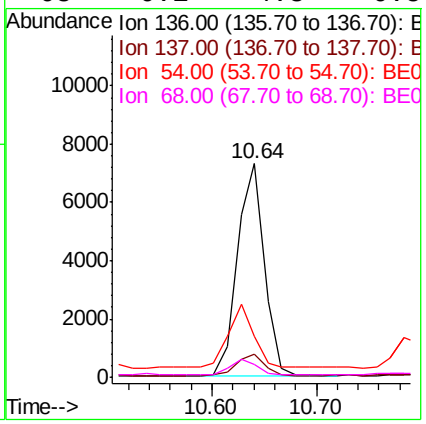


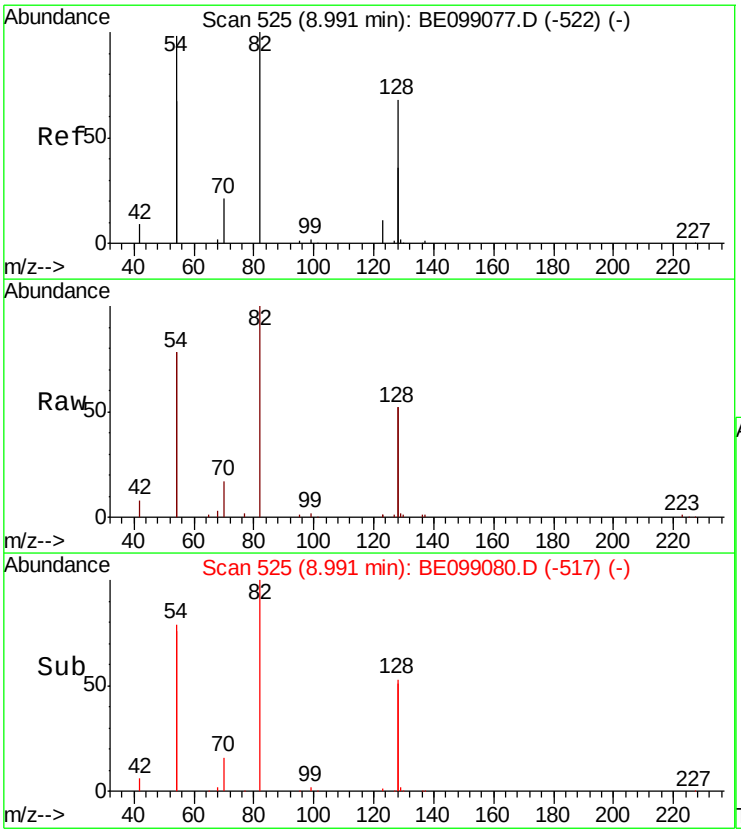
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13005

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	19.0	15.7	23.5
68	6.1	4.3	6.5

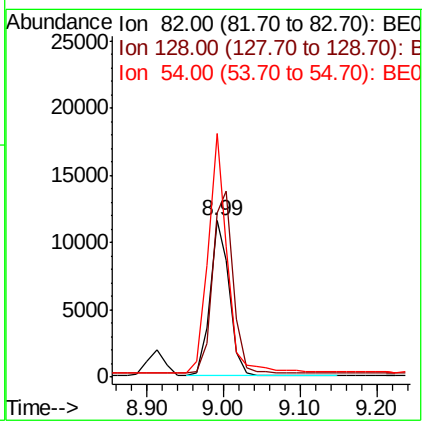


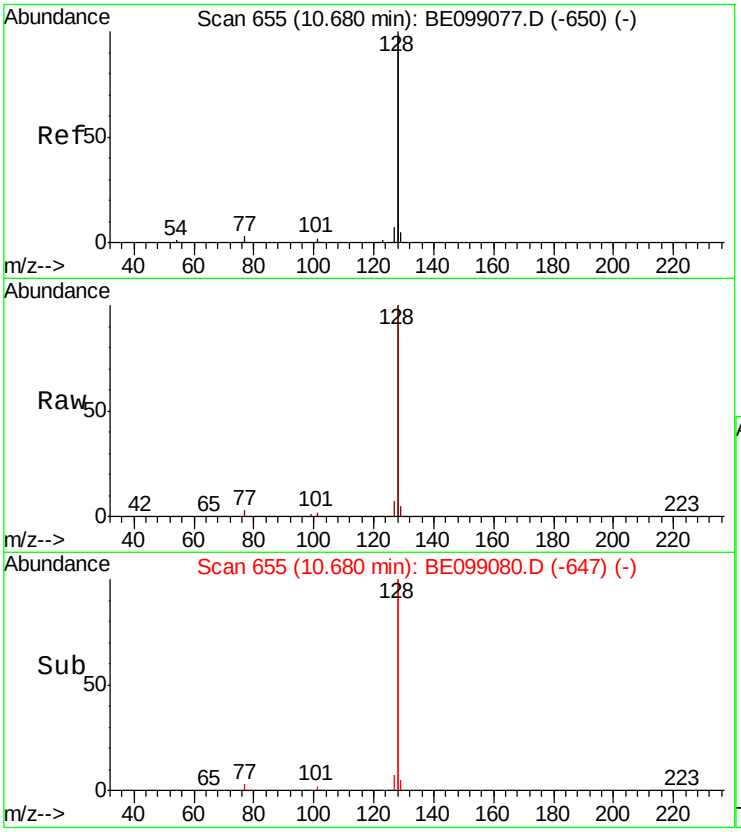


#8
Nitrobenzene-d5
Concen: 1.483 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion: 82 Resp: 20226

Ion	Ratio	Lower	Upper
82	100		
128	104.6	98.8	148.2
54	155.6	143.7	215.5



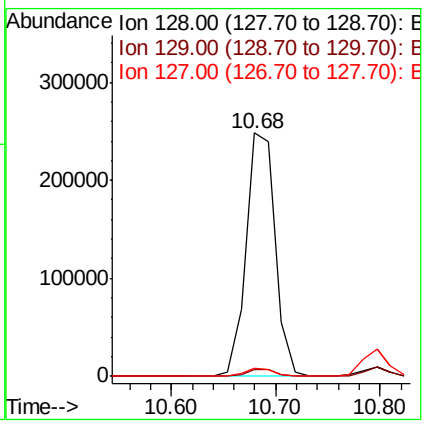


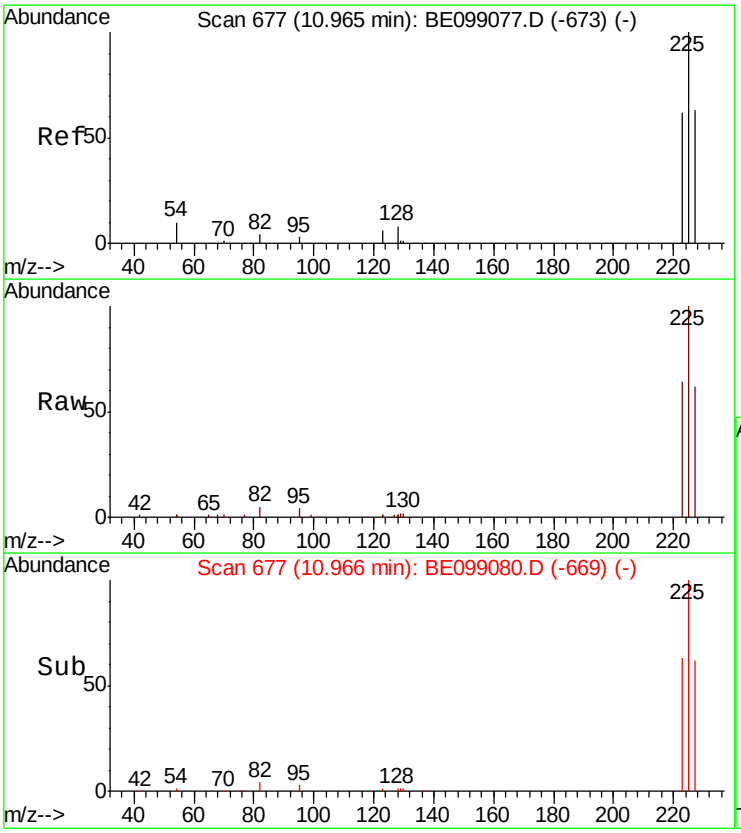
#9
Naphthalene
Concen: 3.234 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 481683

Ion	Ratio	Lower	Upper
128	100		
129	2.6	2.3	3.5
127	3.3	2.8	4.2

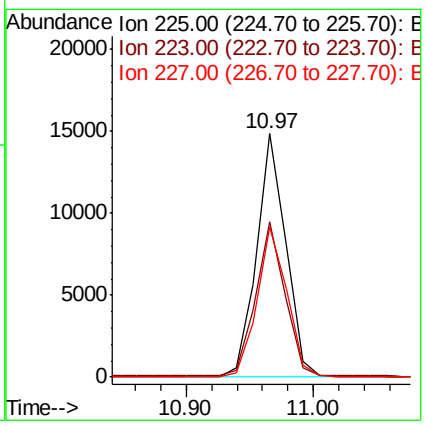


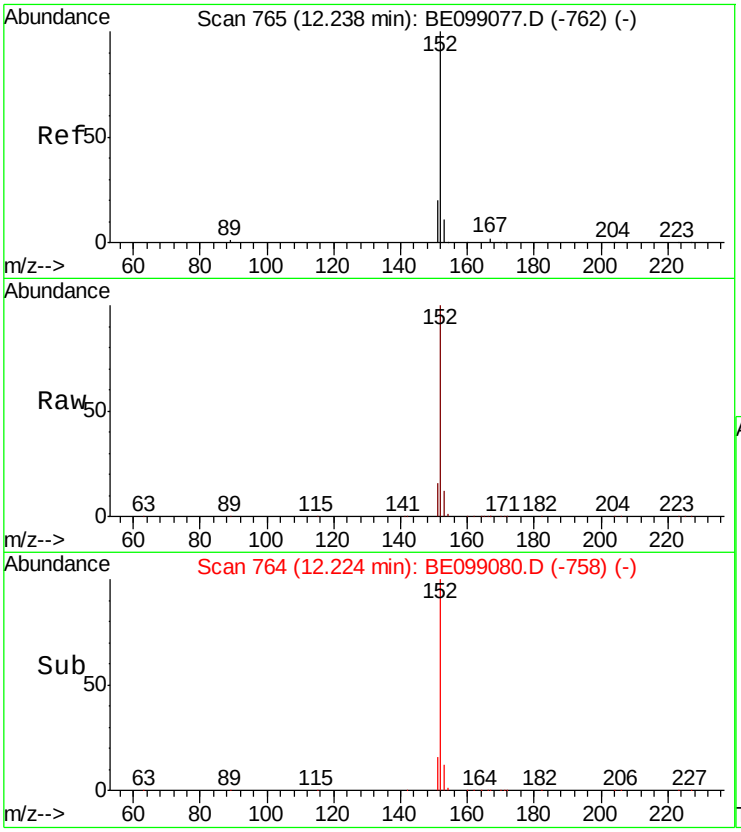


#10
Hexachlorobutadiene
Concen: 2.366 ng
RT: 10.97 min Scan# 677
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:225 Resp: 23311

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.1	76.7
227	62.4	51.4	77.2



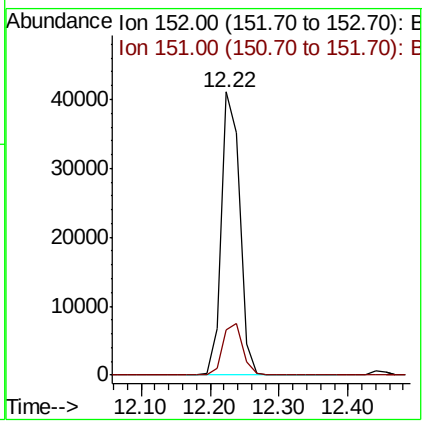


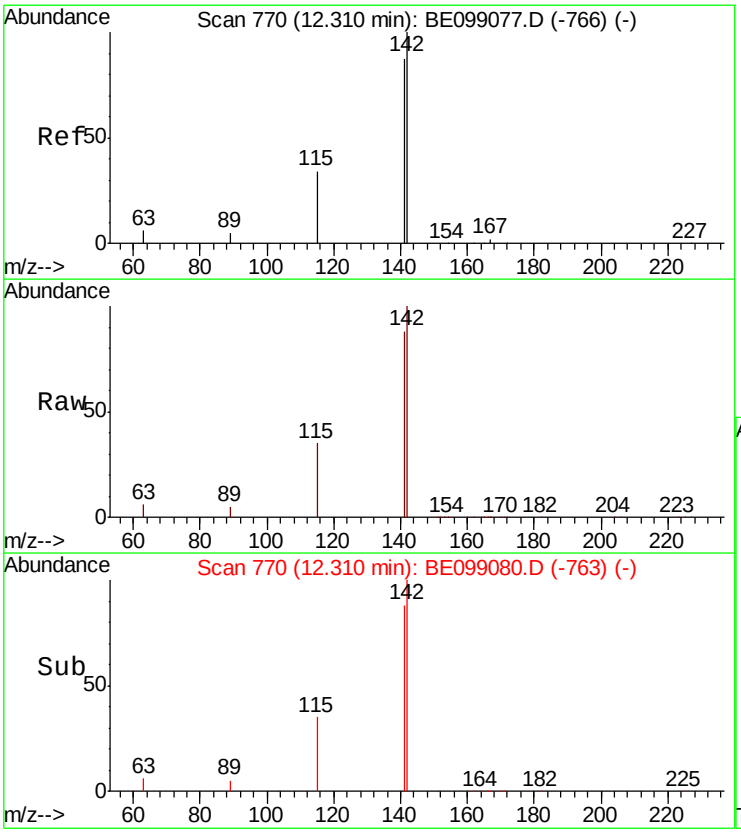
#11
2-Methylnaphthalene-d10
Concen: 3.159 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 75942

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5

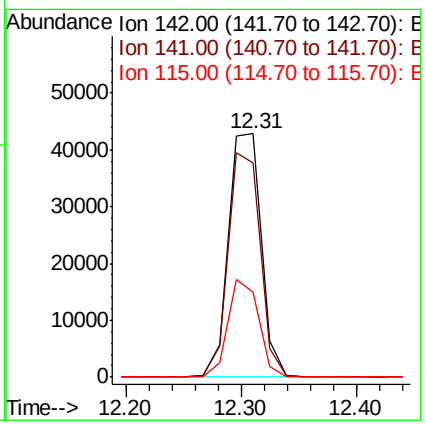


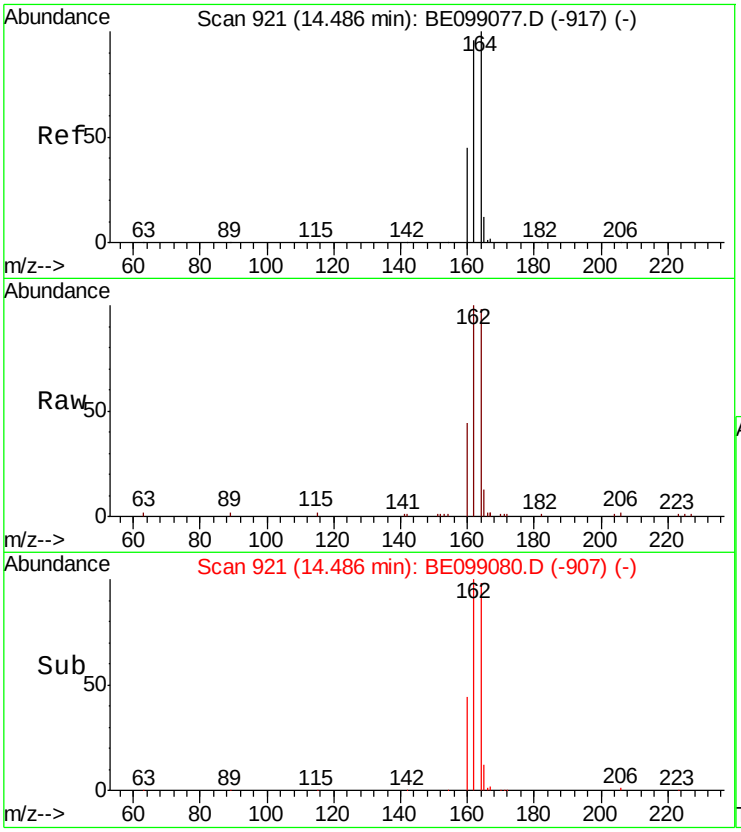


#12
2-Methylnaphthalene
Concen: 3.484 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:142 Resp: 84178

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.7	104.5
115	34.7	28.2	42.4



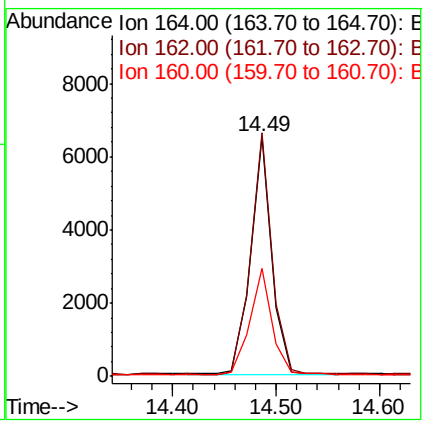


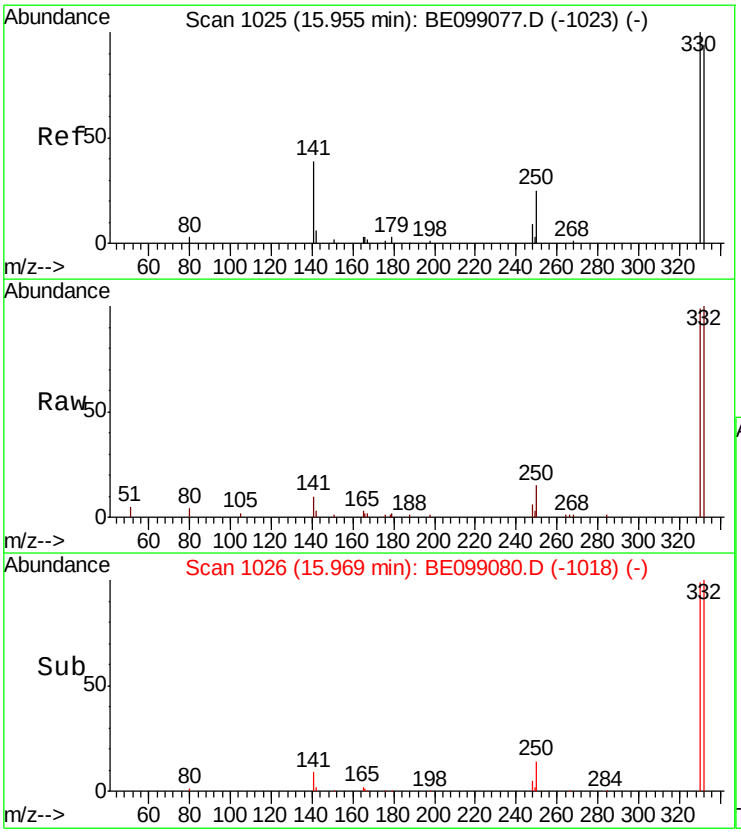
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9165

Ion	Ratio	Lower	Upper
164	100		
162	101.7	76.8	115.2
160	45.2	36.1	54.1

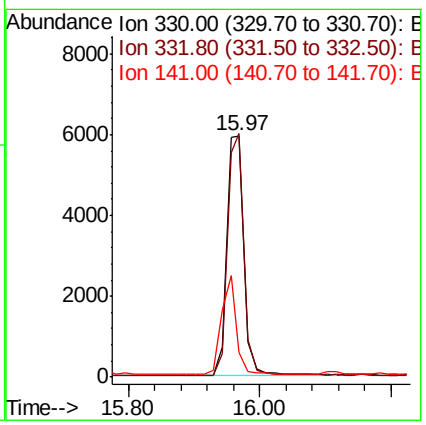


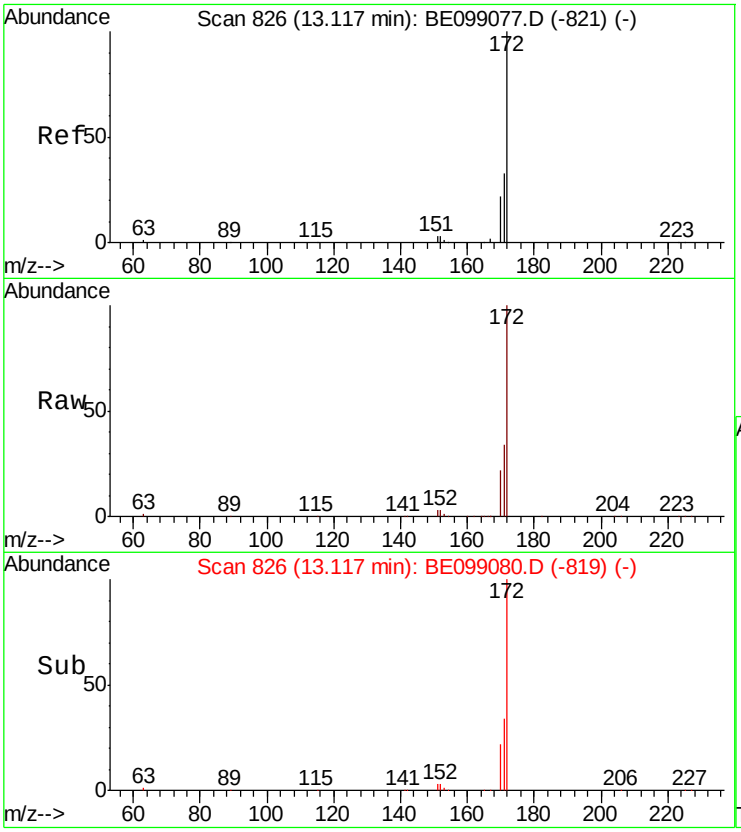


#14
2,4,6-Tribromophenol
Concen: 2.374 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:330 Resp: 10980

Ion	Ratio	Lower	Upper
330	100		
332	96.9	83.0	124.4
141	35.2	30.7	46.1



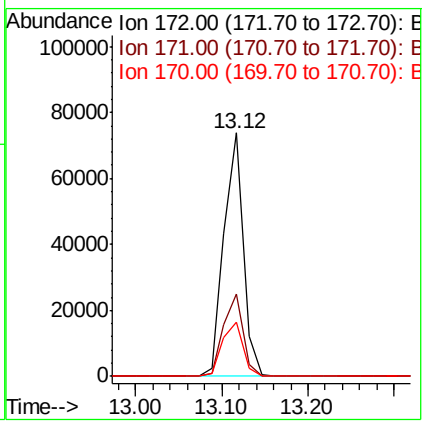


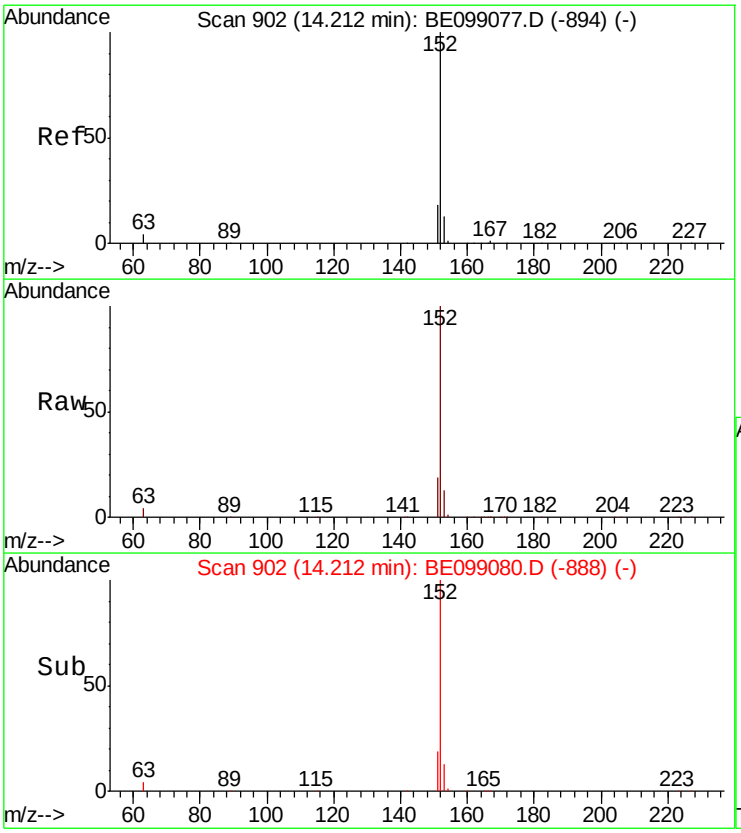
#15
2-Fluorobiphenyl
Concen: 3.000 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 113827

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.7	40.1
170	22.4	18.1	27.1

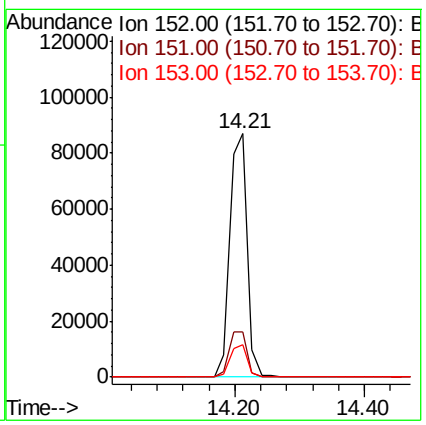


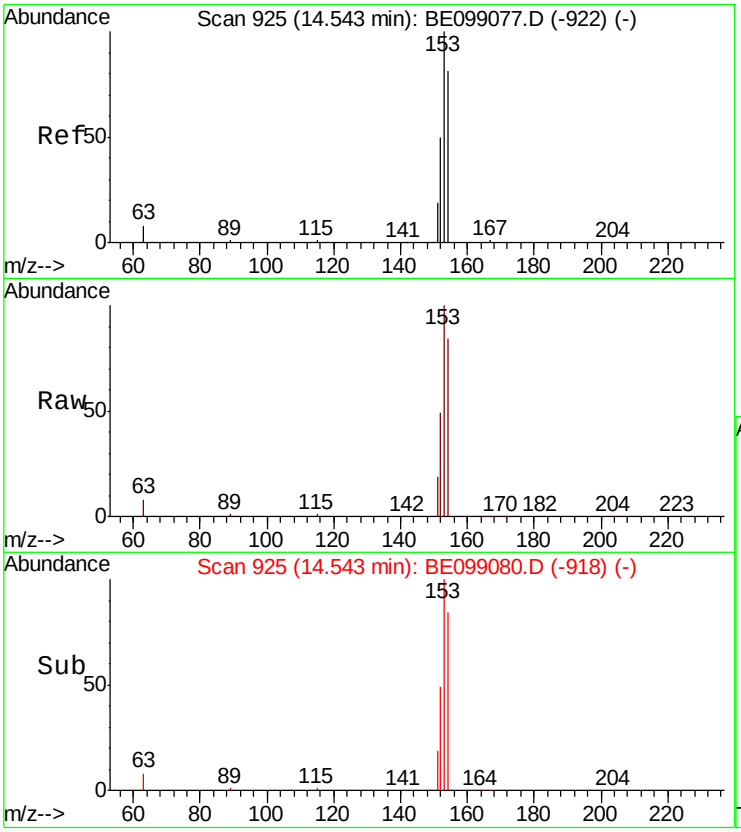


#16
Acenaphthylene
Concen: 3.407 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:152 Resp: 160604

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.2	15.4



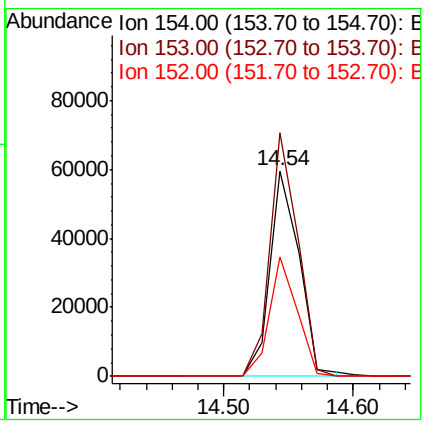


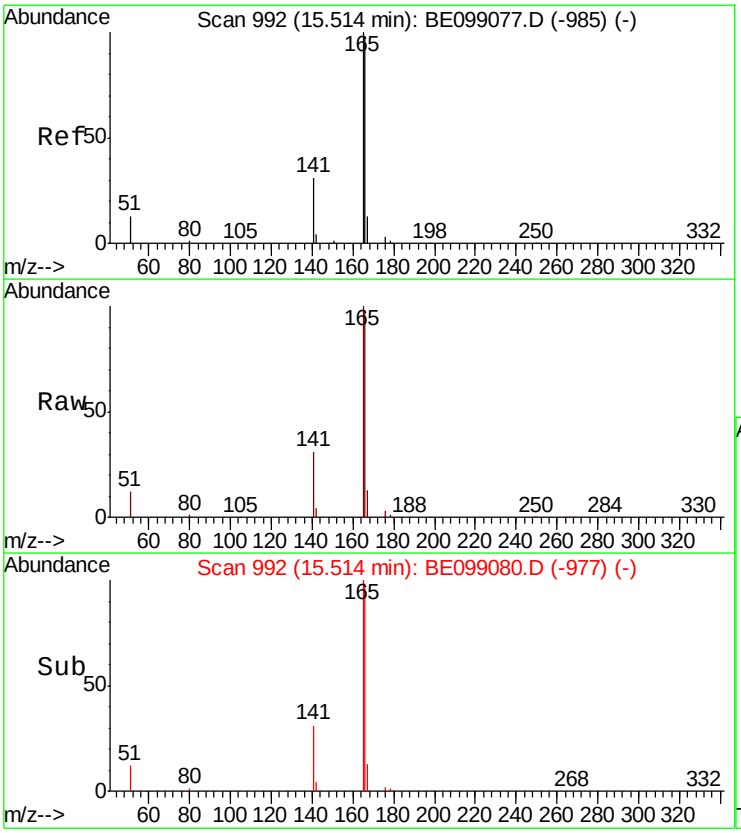
#17
Acenaphthene
Concen: 3.352 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 93719

Ion	Ratio	Lower	Upper
154	100		
153	114.0	94.9	142.3
152	55.4	45.8	68.8

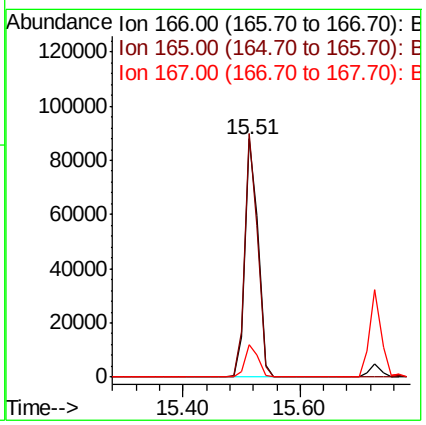


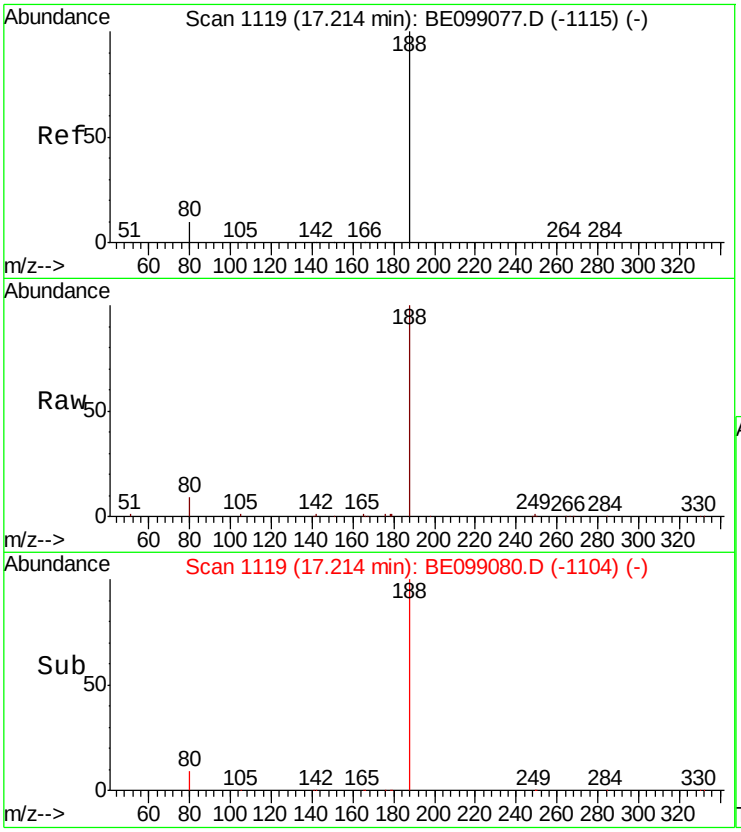


#18
Fluorene
Concen: 3.337 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:166 Resp: 134551

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.2
167	13.5	10.8	16.2



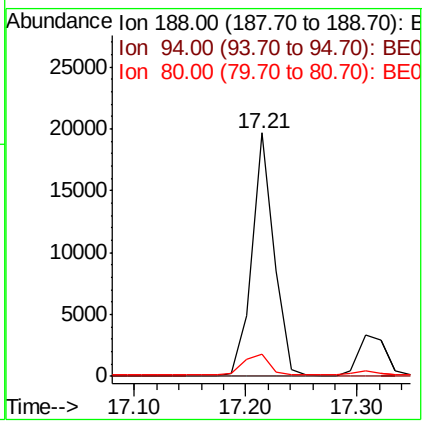


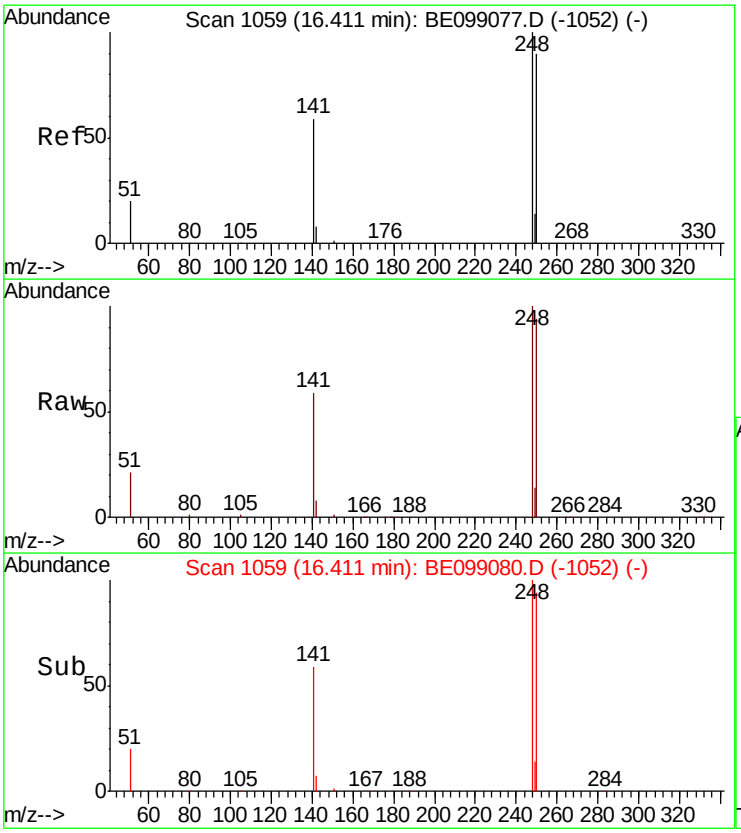
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 27086

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	8.1	12.1

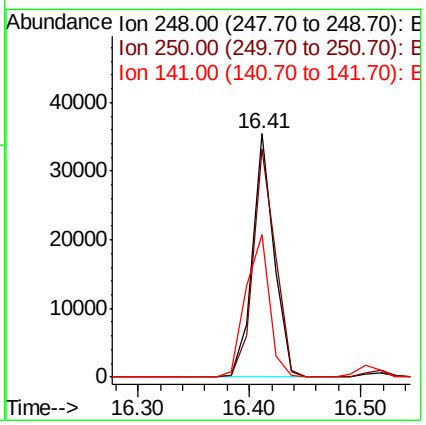


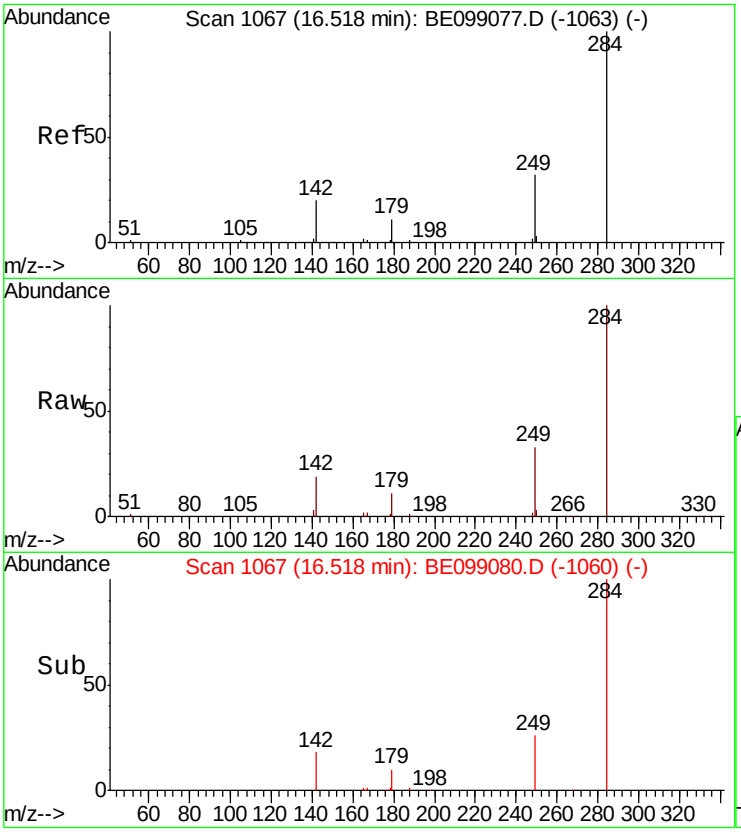


#20
4-Bromophenyl-phenylether
Concen: 3.240 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:248 Resp: 47558

Ion	Ratio	Lower	Upper
248	100		
250	93.7	72.0	108.0
141	58.7	47.8	71.8



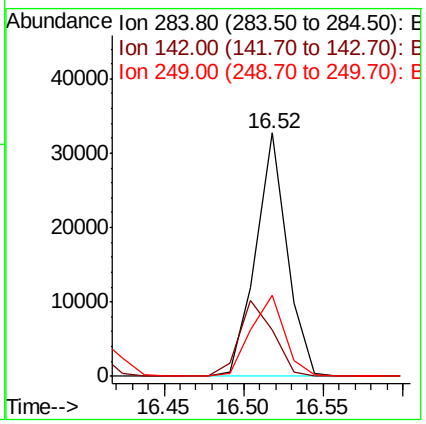


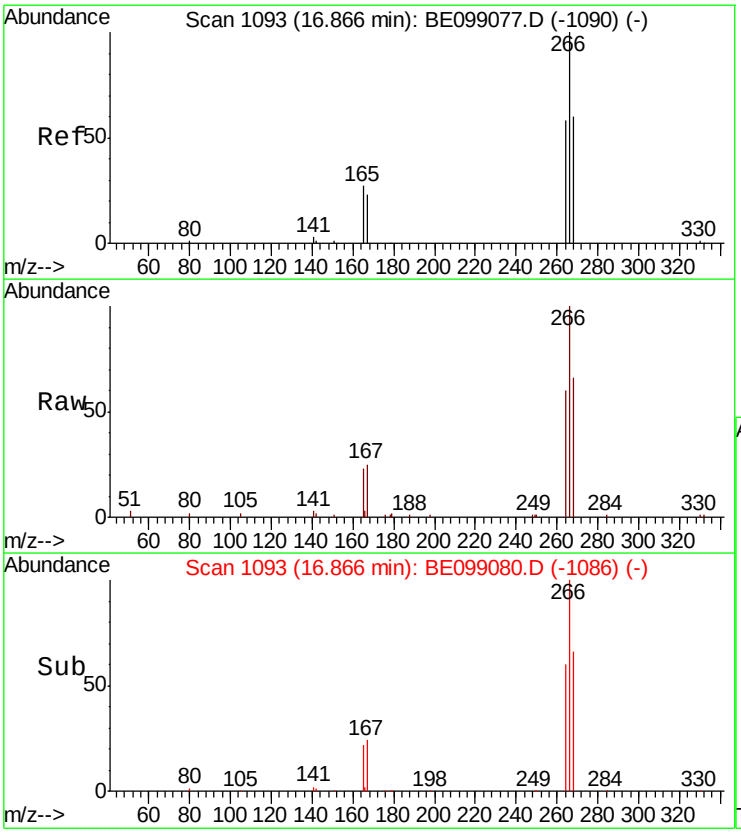
#21
Hexachlorobenzene
Concen: 2.539 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 44317

Ion	Ratio	Lower	Upper
284	100		
142	33.4	28.5	42.7
249	35.3	28.2	42.4

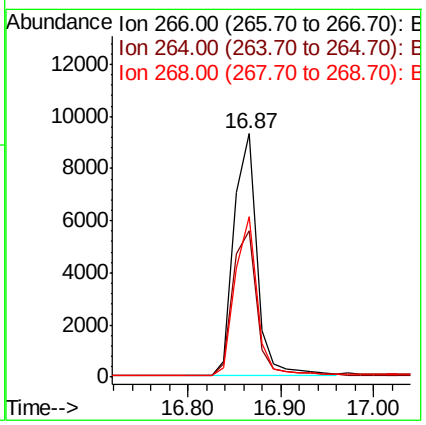


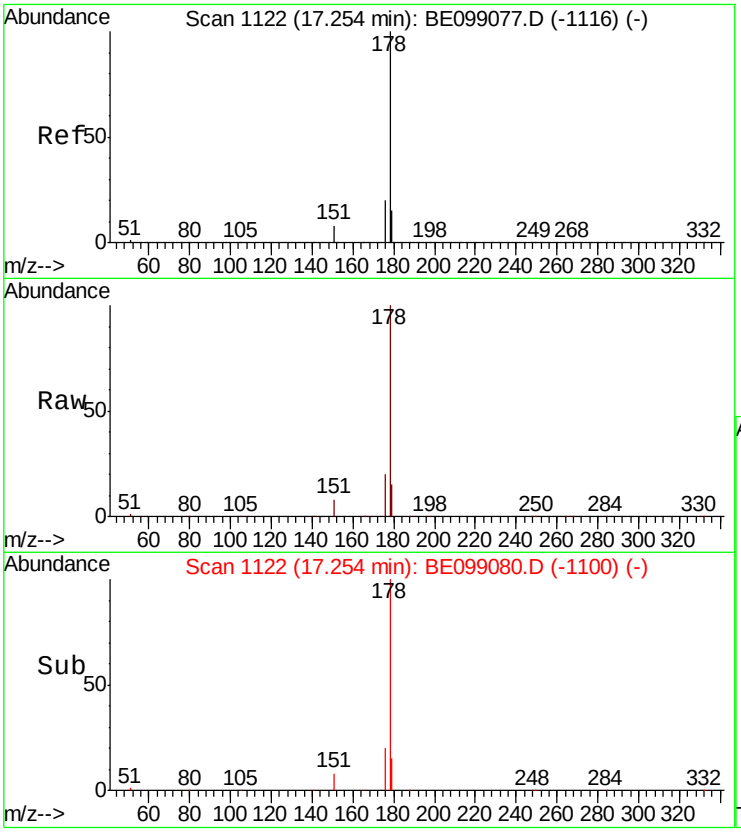


#22
Pentachlorophenol
Concen: 4.477 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:266 Resp: 15880

Ion	Ratio	Lower	Upper
266	100		
264	59.9	47.4	71.0
268	66.1	50.7	76.1



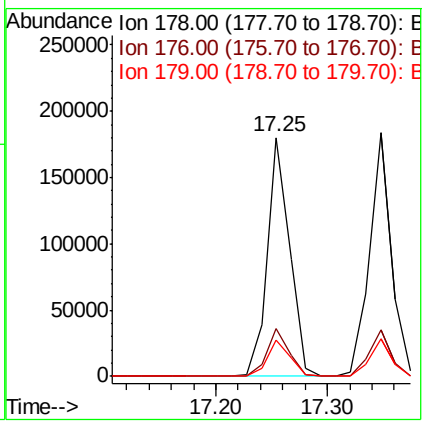


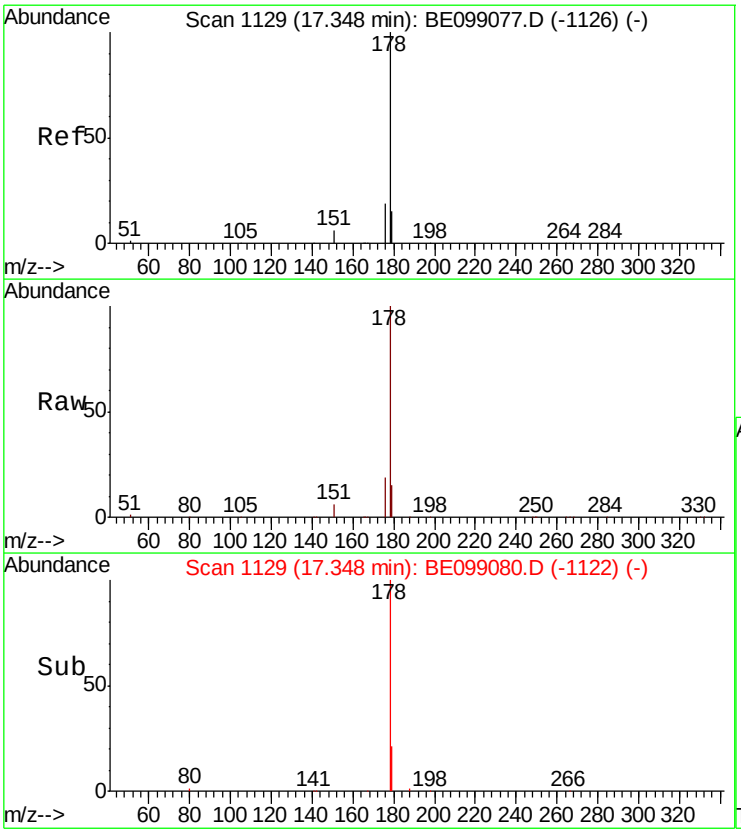
#23
Phenanthrene
Concen: 3.282 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 252705

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.5	12.1	18.1

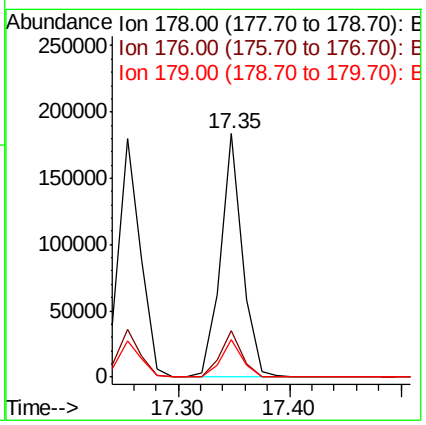


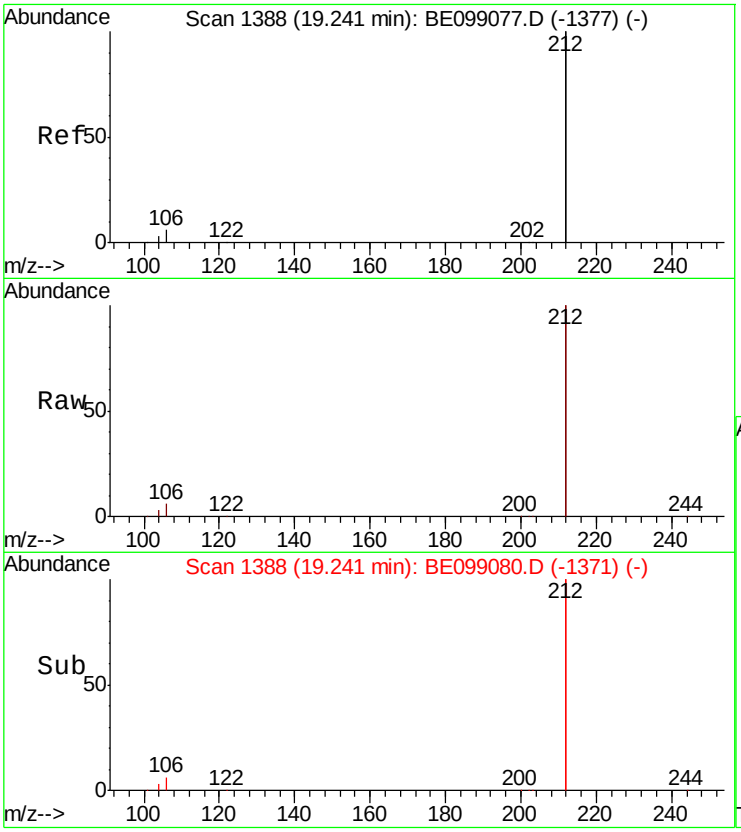


#24
Anthracene
Concen: 3.796 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:178 Resp: 249797

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.4	18.6



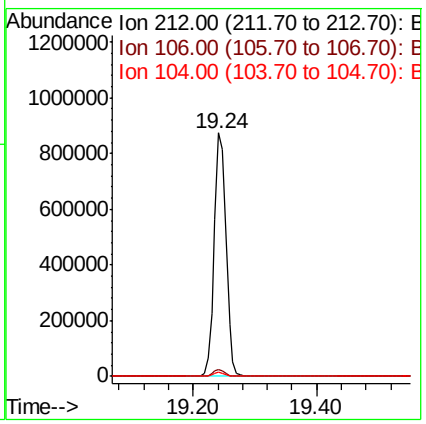


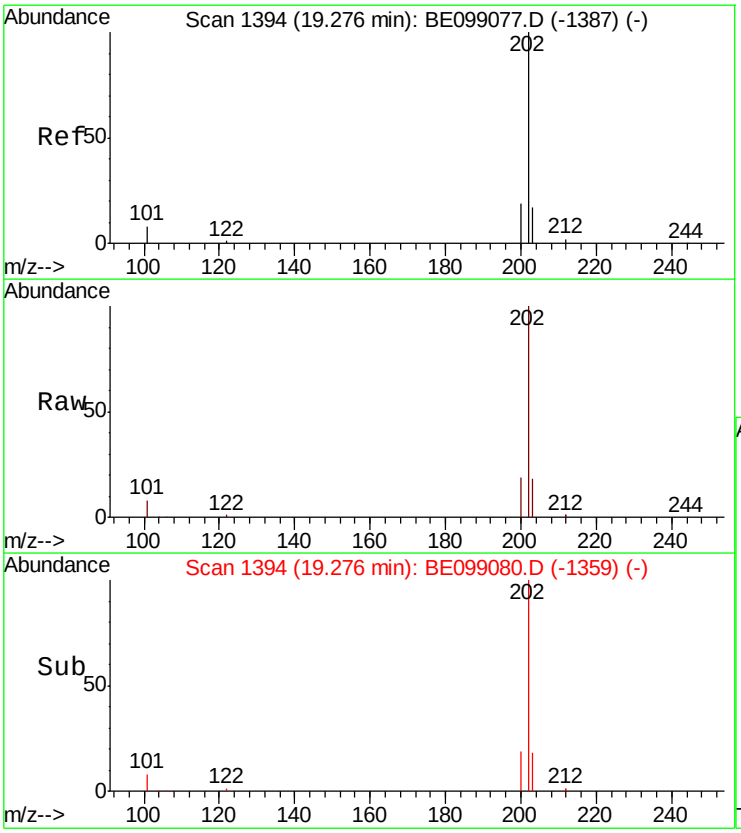
#25
Fluoranthene-d10
Concen: 2.653 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1146871

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.3	1.9

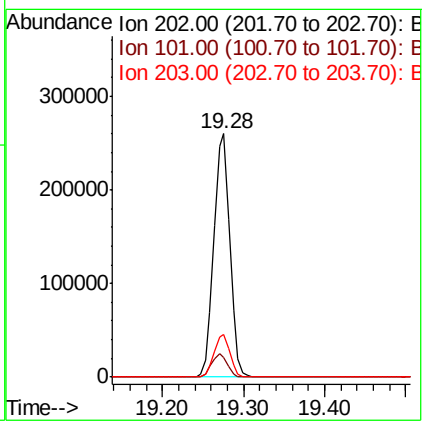


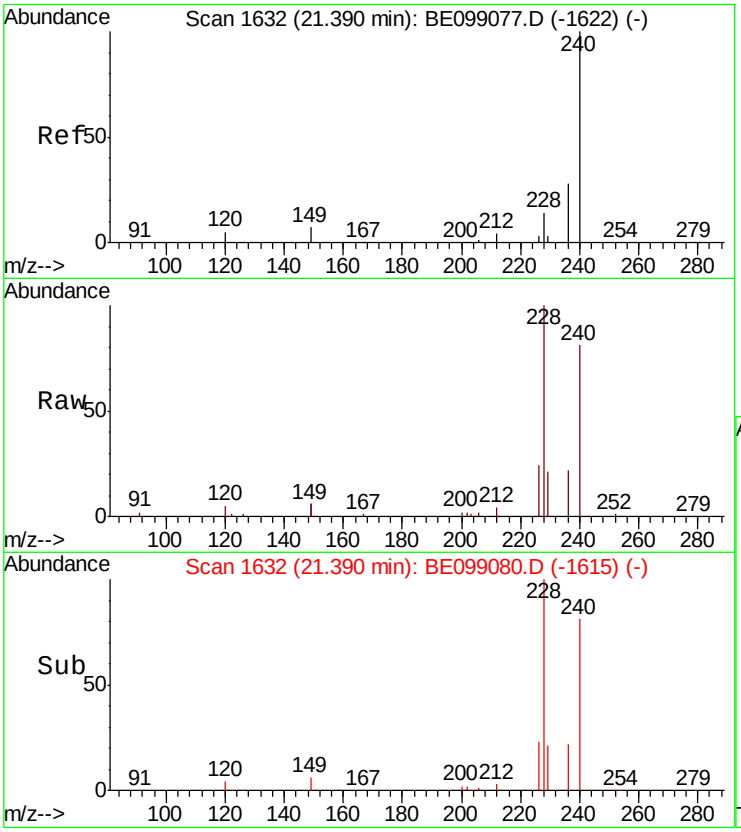


#26
Fluoranthene
Concen: 3.255 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:202 Resp: 353747

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.5	11.3
203	17.4	13.7	20.5



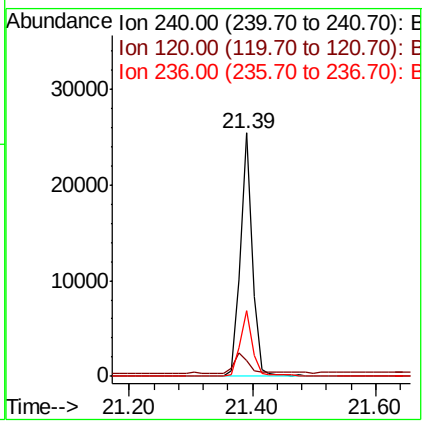


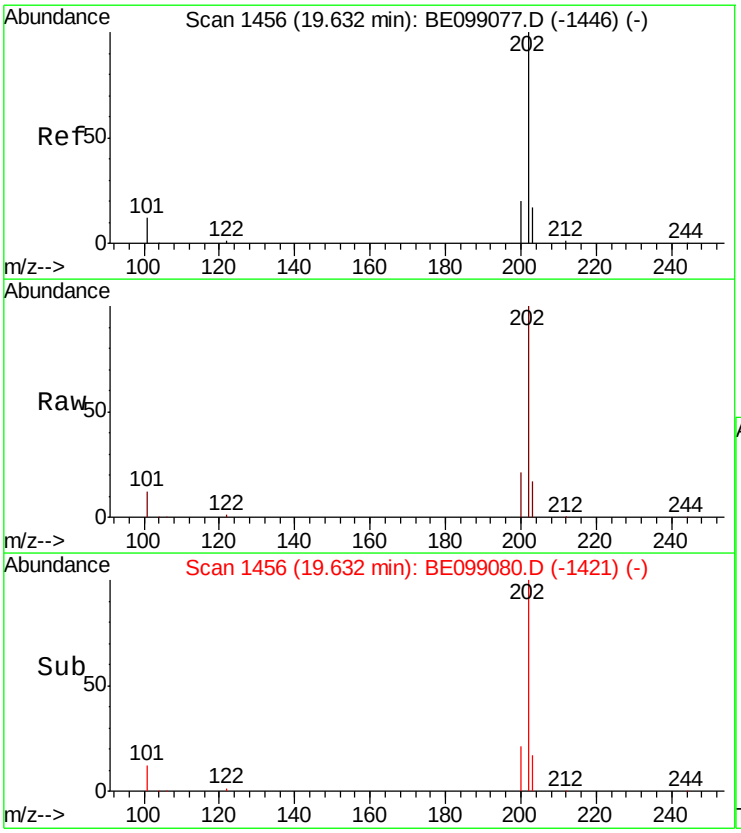
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 33092

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.0	7.6
236	27.1	22.2	33.4

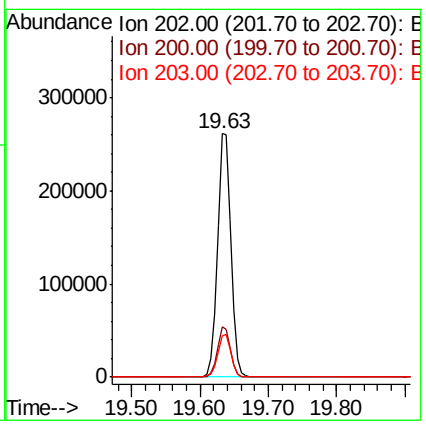


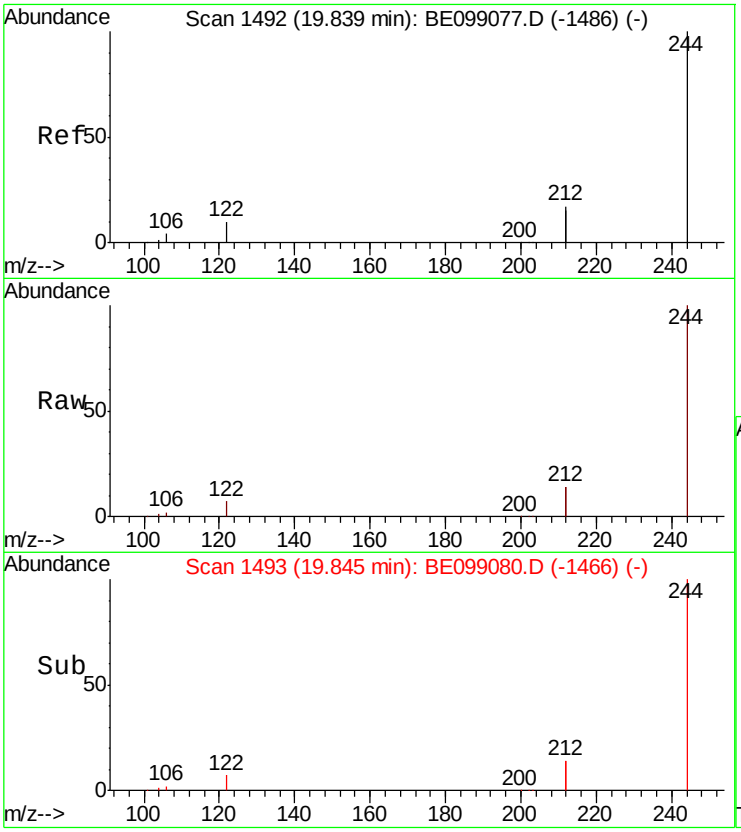


#28
Pyrene
Concen: 3.571 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:202 Resp: 361541

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.1	24.1
203	17.7	14.0	21.0



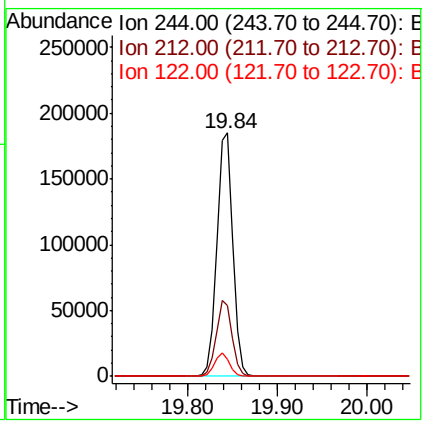


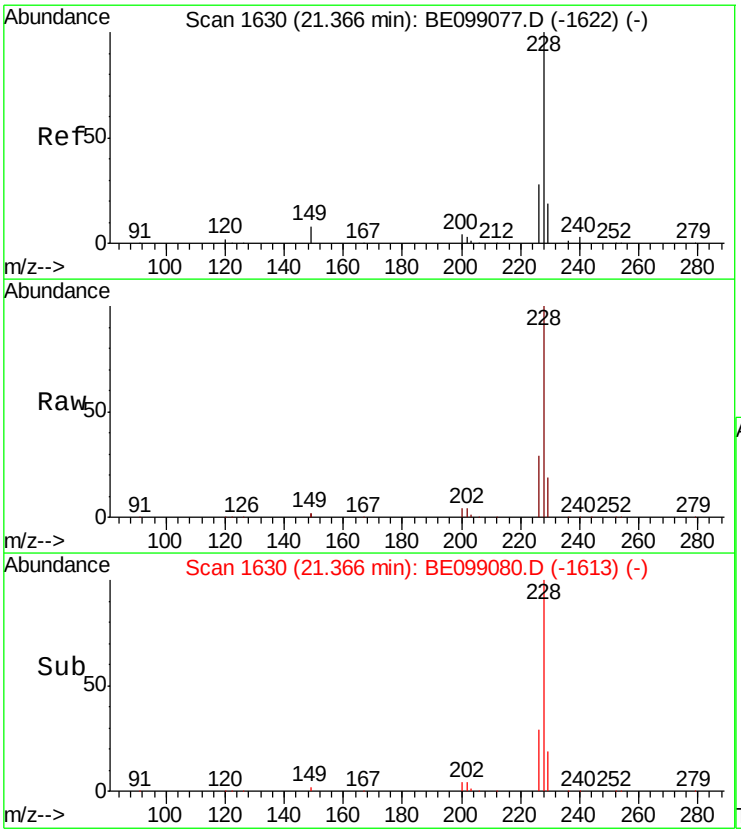
#29
Terphenyl-d14
Concen: 2.846 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 228870

Ion	Ratio	Lower	Upper
244	100		
212	28.9	26.9	40.3
122	6.8	7.8	11.8#

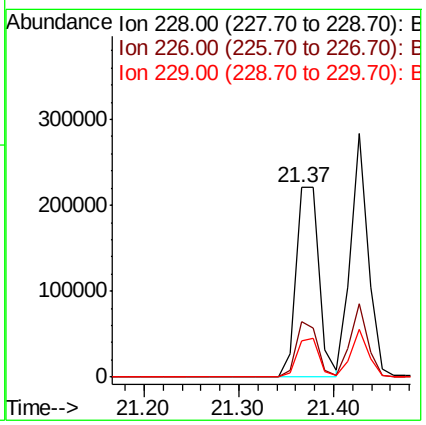


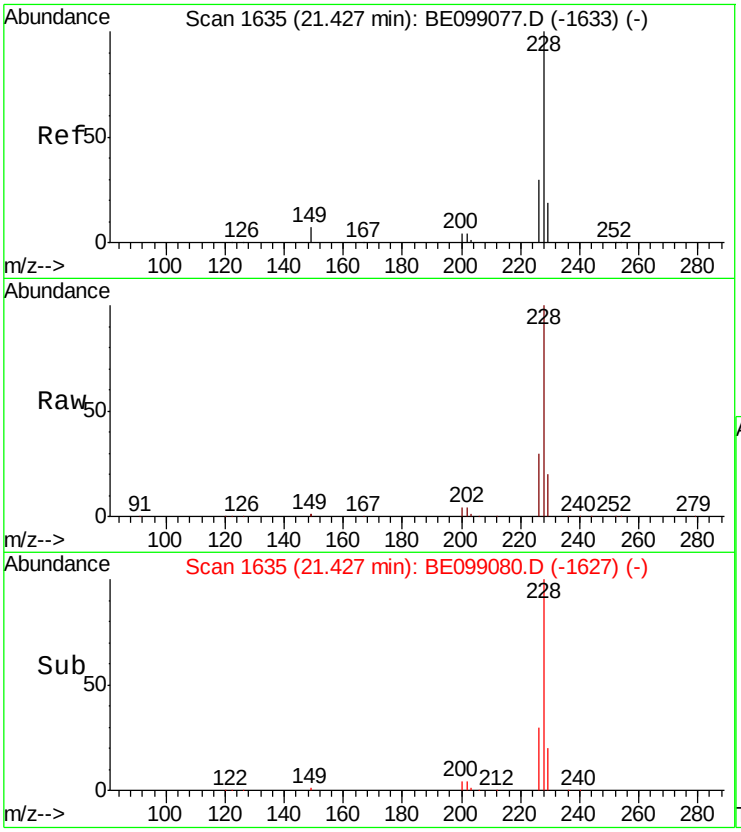


#30
Benzo(a)anthracene
Concen: 3.570 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:228 Resp: 368694

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	19.2	15.6	23.4



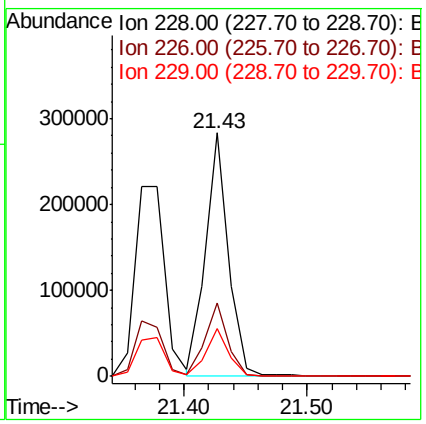


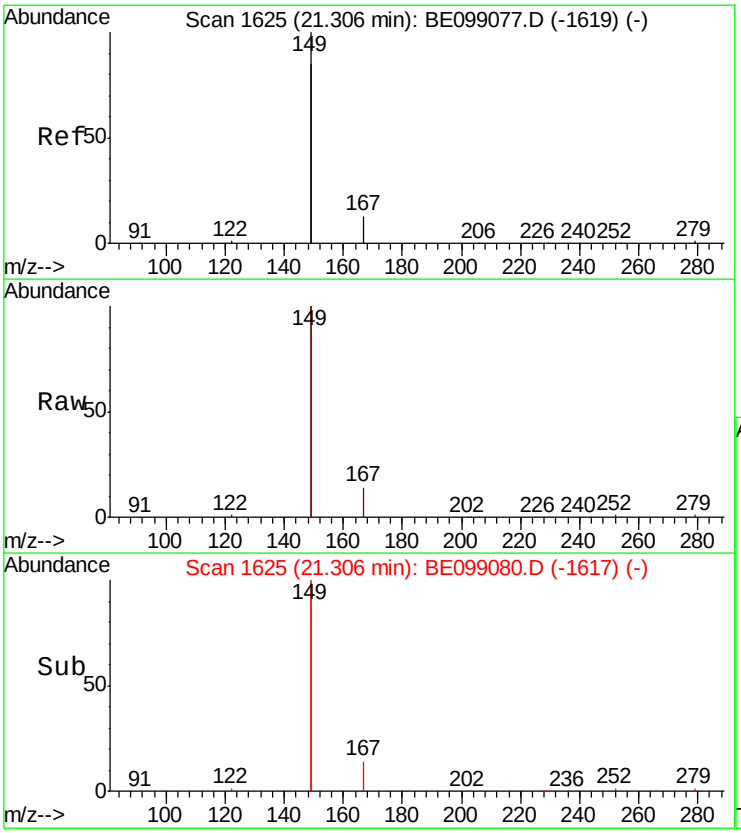
#31
Chrysene
Concen: 3.309 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 365660

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.6	15.5	23.3

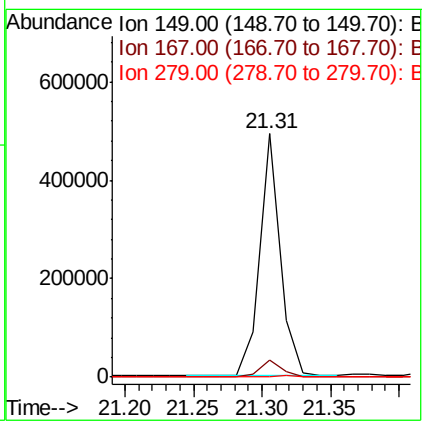


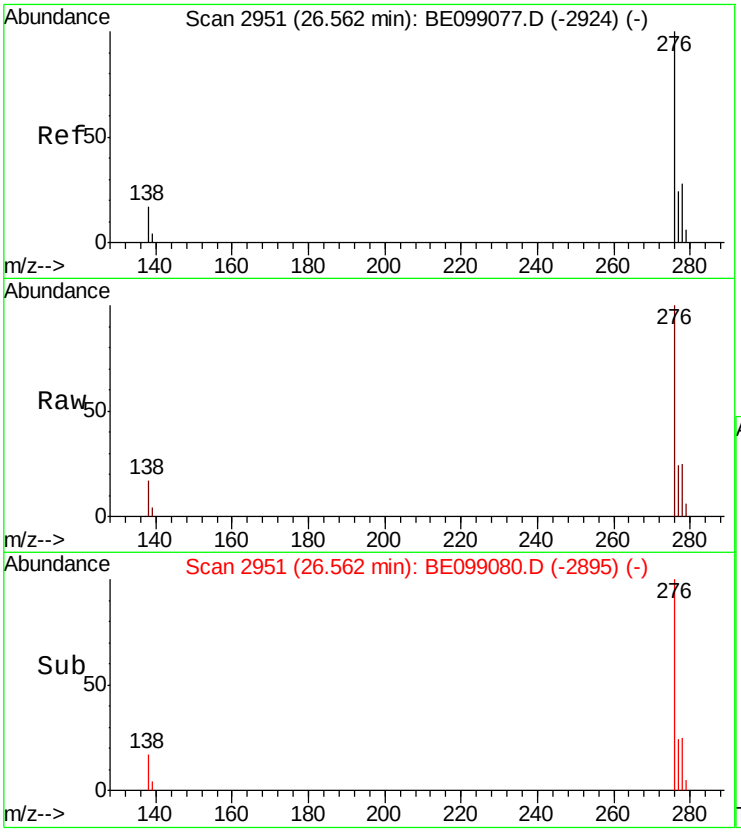


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.330 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:149 Resp: 512023

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	0.9	0.8	1.2



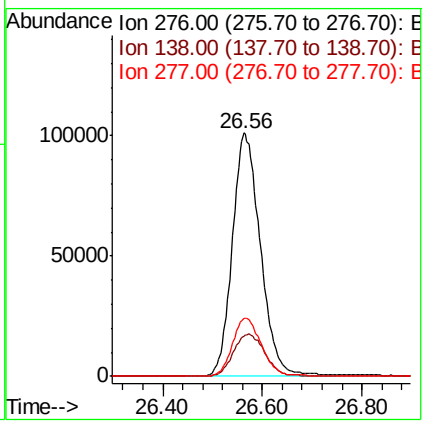


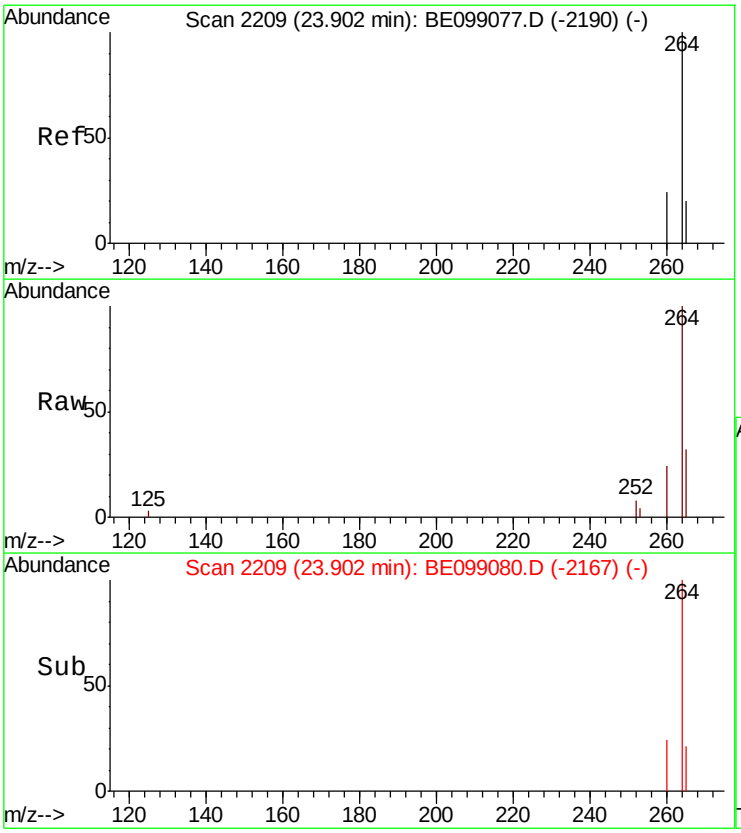
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.399 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 396423

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.8	23.8
277	24.7	19.4	29.2

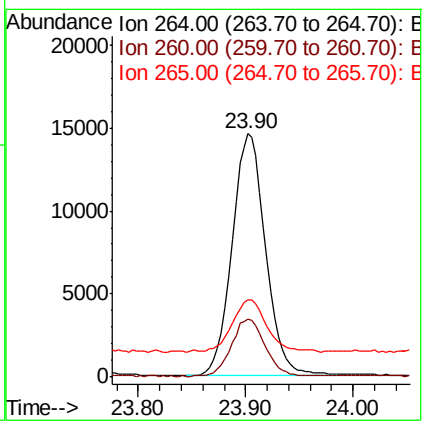


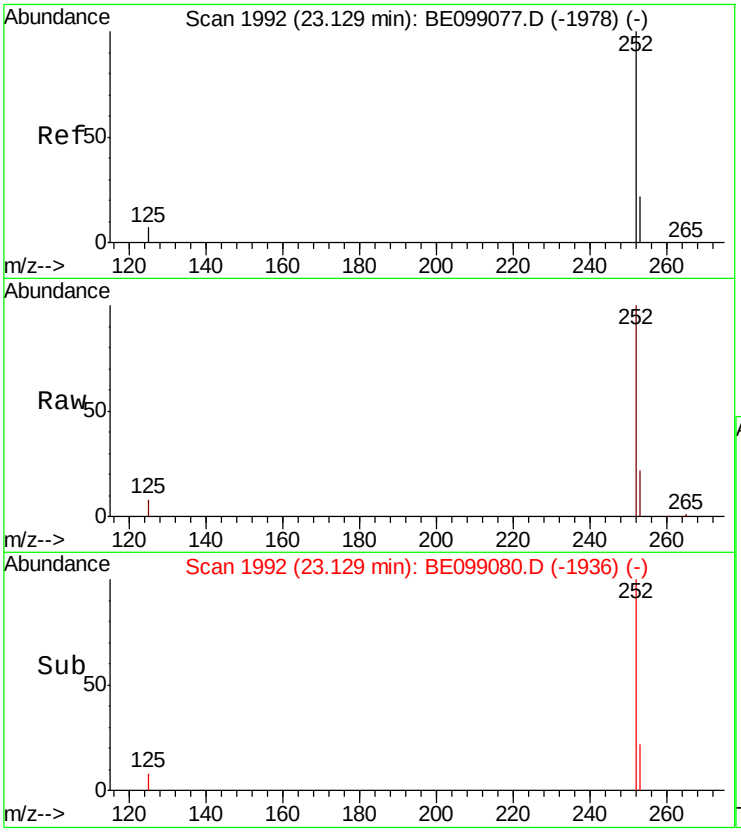


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:264 Resp: 31425

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	31.7	24.1	36.1



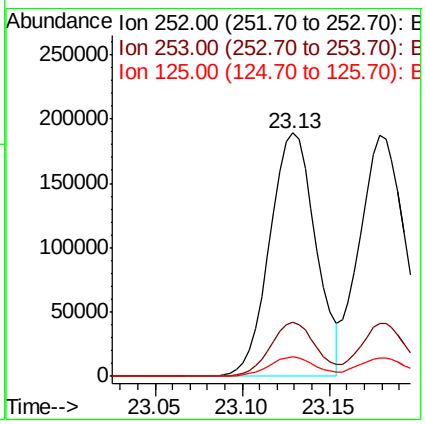


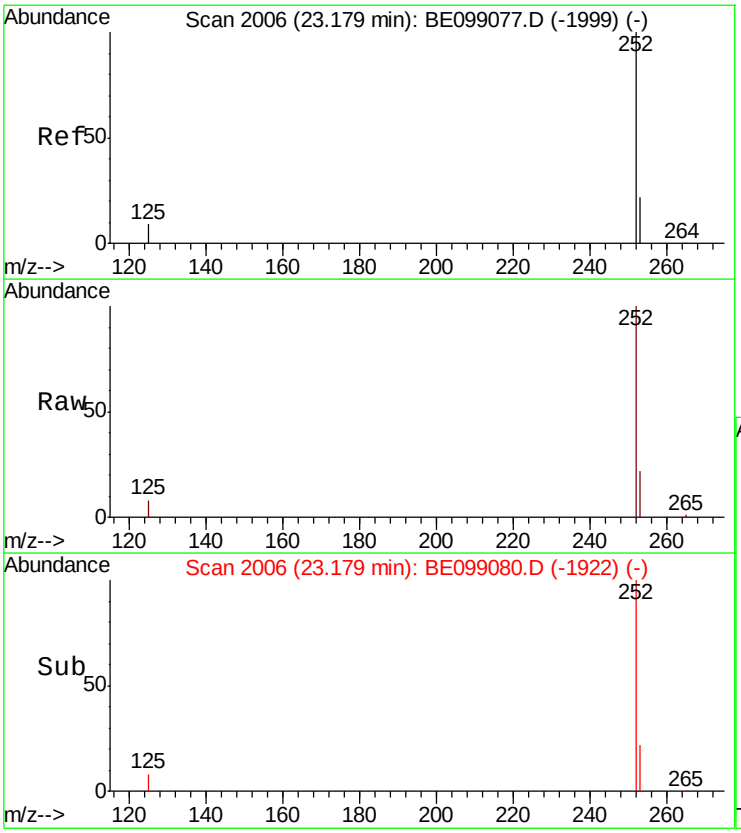
#35
Benzo(b)fluoranthene
Concen: 3.353 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 346474

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	7.9	7.0	10.4

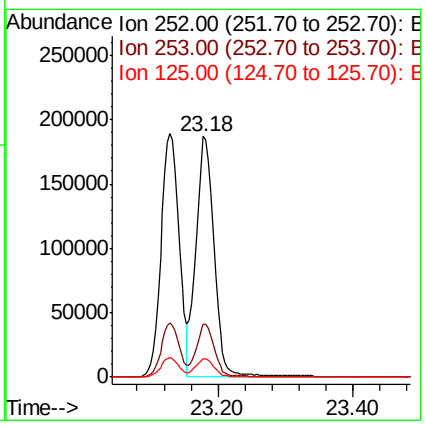


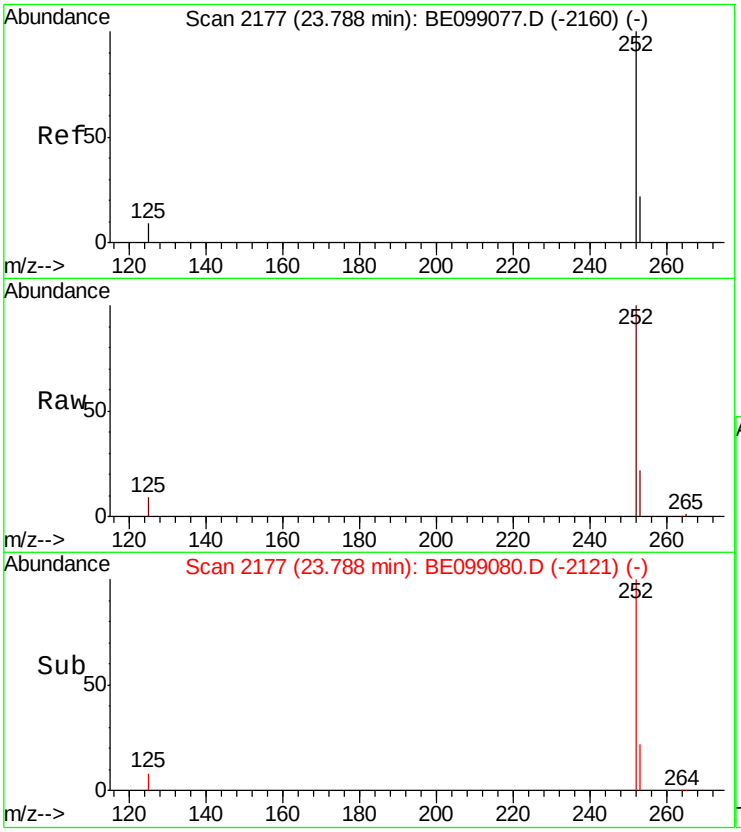


#36
Benzo(k)fluoranthene
Concen: 3.240 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:252 Resp: 350474

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	28.0
125	7.8	7.8	11.6



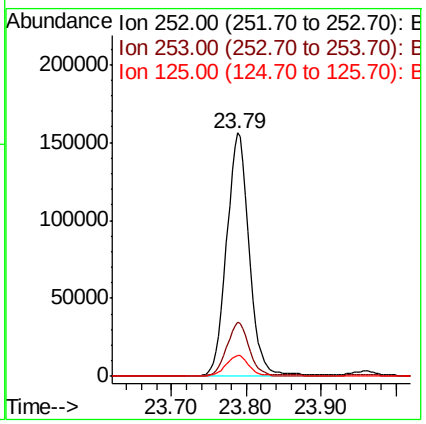


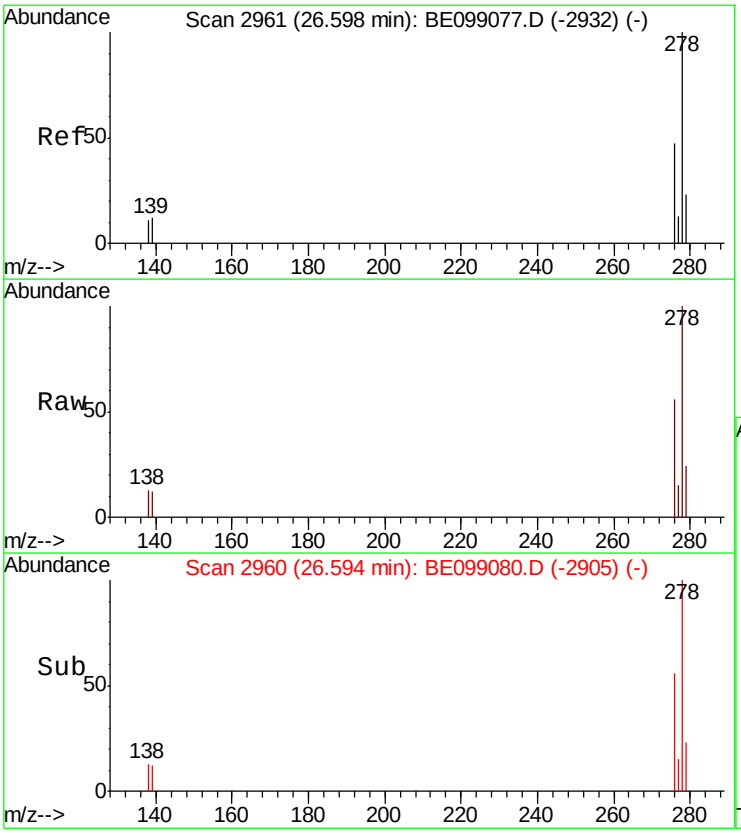
#37
Benzo(a)pyrene
Concen: 3.304 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 327287

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.3	28.9
125	8.5	8.3	12.5

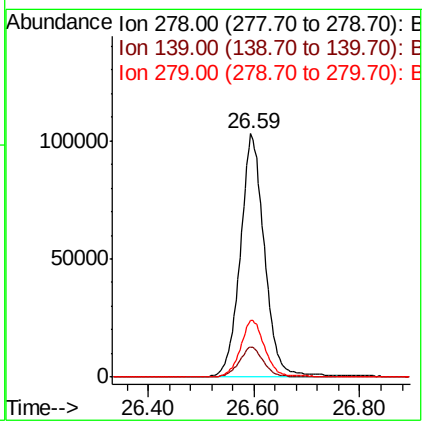


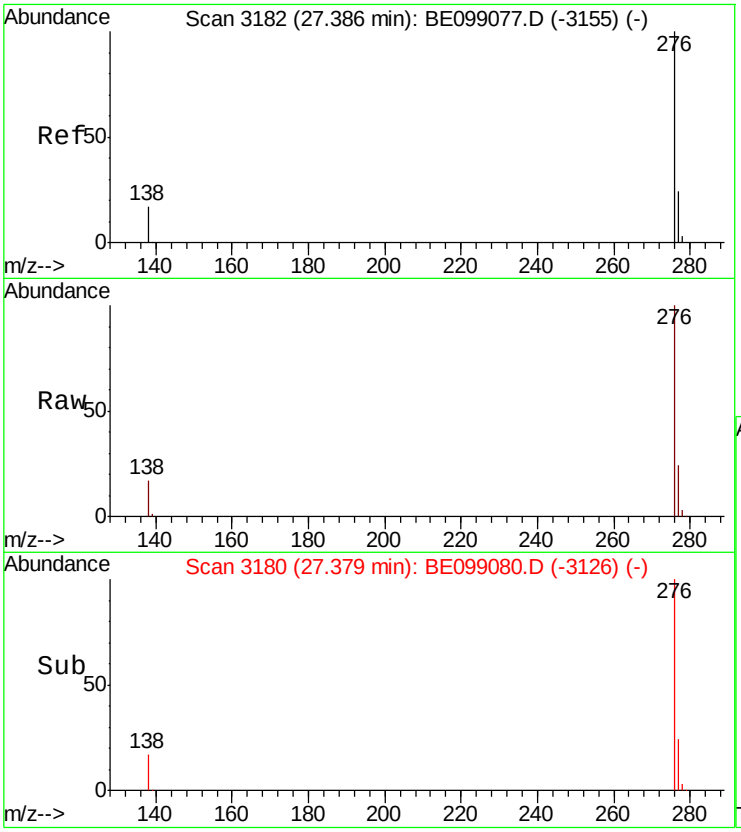


#38
Dibenzo(a,h)anthracene
Concen: 3.474 ng
RT: 26.59 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:278 Resp: 325622

Ion	Ratio	Lower	Upper
278	100		
139	12.2	10.6	16.0
279	23.6	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 3.327 ng
RT: 27.38 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 326143

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	16.6	14.6	21.8