Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099661.D
Acq On : 20 May 2019 12:27
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 20 15:45:11 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	7.82	152	1882	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	6700	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	4778	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	14710	0.40	ng		0.00
27) Chrysene-d12	21.41	240	20553	0.40	ng		0.00
34) Perylene-d12	23.96	264	24189	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1666	0.31	ng		0.00
5) Phenol-d6	6.97	99	2096	0.31	ng		0.00
8) Nitrobenzene-d5	8.98	82	1990	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4114	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	880	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	6448	0.35	ng		0.00
25) Fluoranthene-d10	19.26	212	70038	0.36	ng		0.00
29) Terphenyl-d14	19.87	244	14100	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1066	0.384	ng		100
3) n-Nitrosodimethylamine	3.63	42	481	0.272	ng	#	99
6) bis(2-Chloroethyl)ether	7.24	93	1965	0.345	ng		100
9) Naphthalene	10.67	128	25596	0.359	ng		100
10) Hexachlorobutadiene	10.94	225	1878	0.360	ng		100
12) 2-Methylnaphthalene	12.30	142	4076	0.346	ng		100
16) Acenaphthylene	14.21	152	7647	0.339	ng		100
17) Acenaphthene	14.54	154	4421	0.347	ng		100
18) Fluorene	15.53	166	6445	0.353	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	2950	0.348	ng		100
21) Hexachlorobenzene	16.53	284	3061	0.367	ng		100
22) Pentachlorophenol	16.91	266	578	0.174	ng		100
23) Phenanthrene	17.27	178	12689	0.347	ng		100
24) Anthracene	17.36	178	10880	0.323	ng		100
26) Fluoranthene	19.29	202	19886	0.360	ng		100
28) Pyrene	19.66	202	20304	0.388	ng		100
30) Benzo(a)anthracene	21.40	228	22250	0.358	ng		100
31) Chrysene	21.45	228	24681	0.386	ng		100
32) Bis(2-ethylhexyl)phthalate	21.32	149	24207	0.253	ng		100
33) Indeno(1,2,3-cd)pyrene	26.65	276	28316	0.356	ng		100
35) Benzo(b)fluoranthene	23.17	252	23810	0.352	ng		100
36) Benzo(k)fluoranthene	23.23	252	24694	0.370	ng		100
37) Benzo(a)pyrene	23.84	252	22508	0.344	ng		100
38) Dibenzo(a,h)anthracene	26.68	278	23125	0.340	ng		100
39) Benzo(g,h,i)perylene	27.48	276	23881	0.350	ng		100

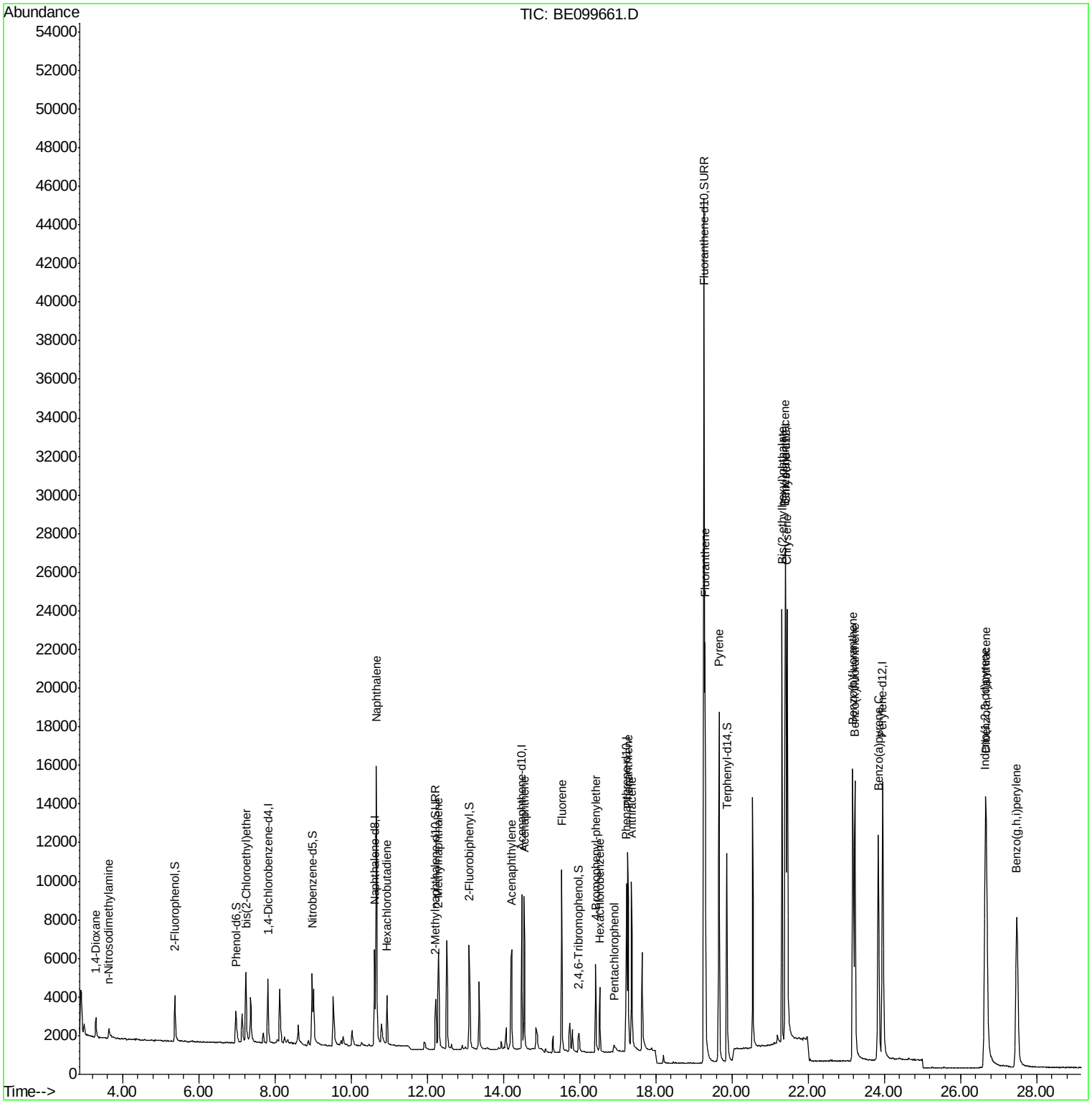
(#) = qualifier out of range (m) = manual integration (+) = signals summed

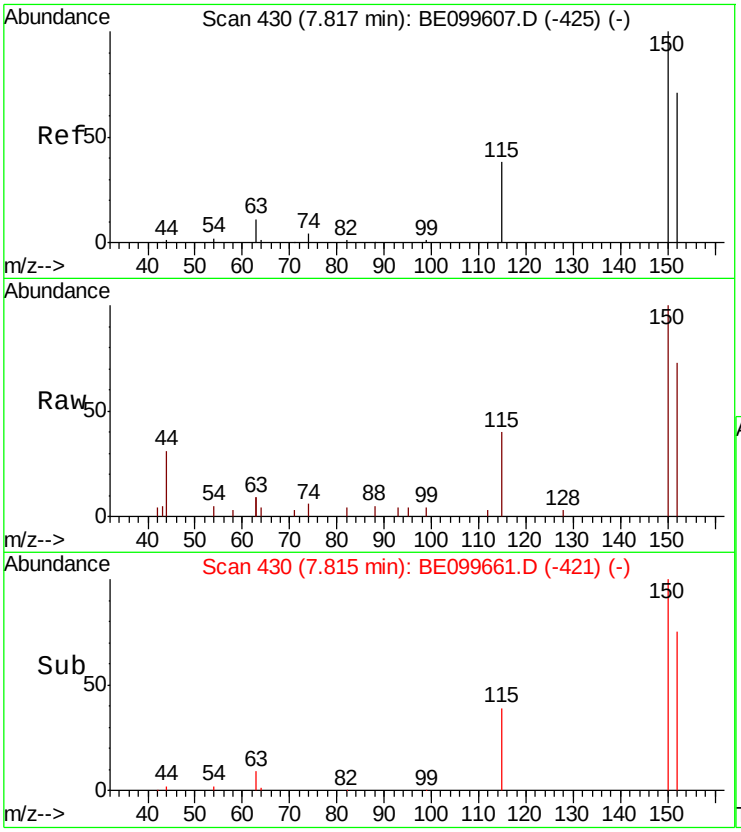
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099661.D
Acq On : 20 May 2019 12:27
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 20 15:45:11 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



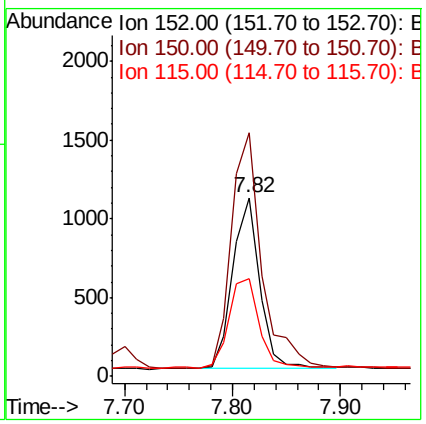


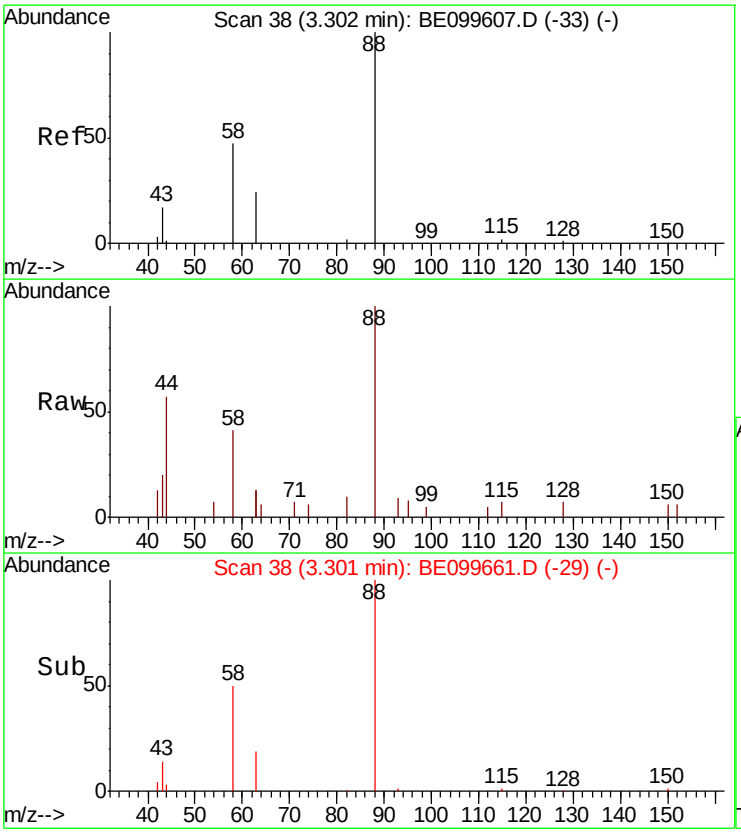
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1882

Ion	Ratio	Lower	Upper
152	100		
150	136.5	109.2	163.8
115	54.6	43.7	65.5

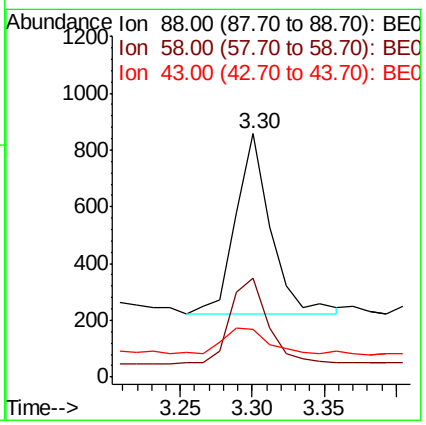


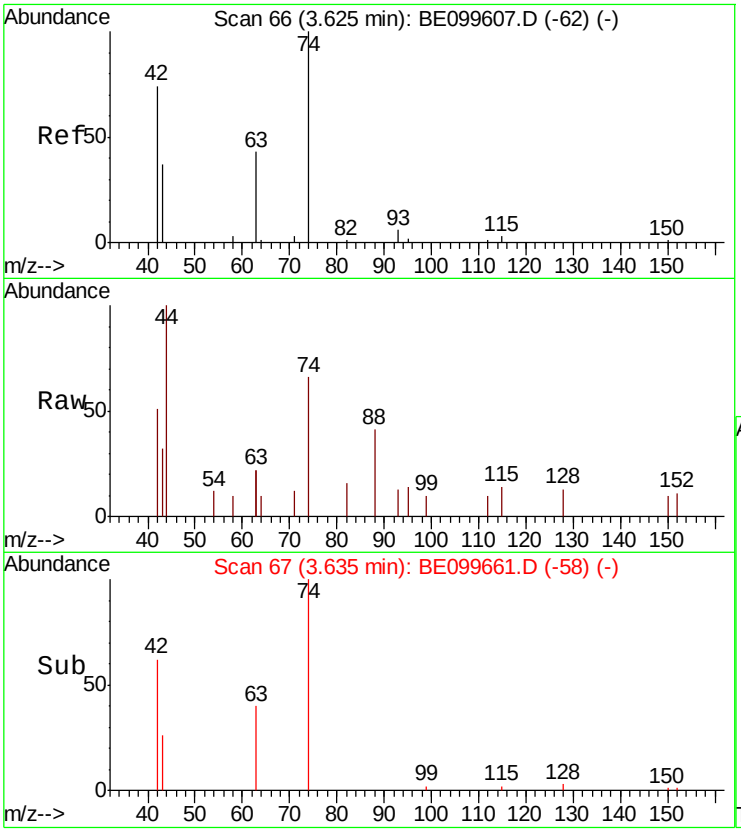


#2
1,4-Dioxane
Concen: 0.384 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion: 88 Resp: 1066

Ion	Ratio	Lower	Upper
88	100		
58	52.3	41.8	62.8
43	18.7	15.0	22.4

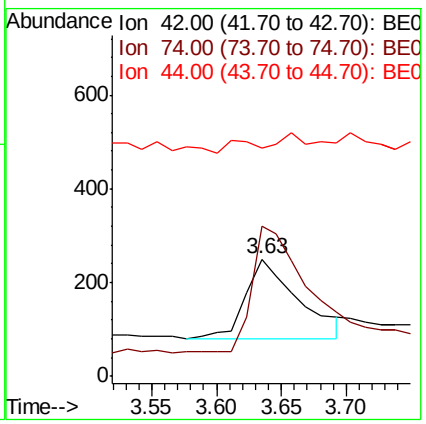




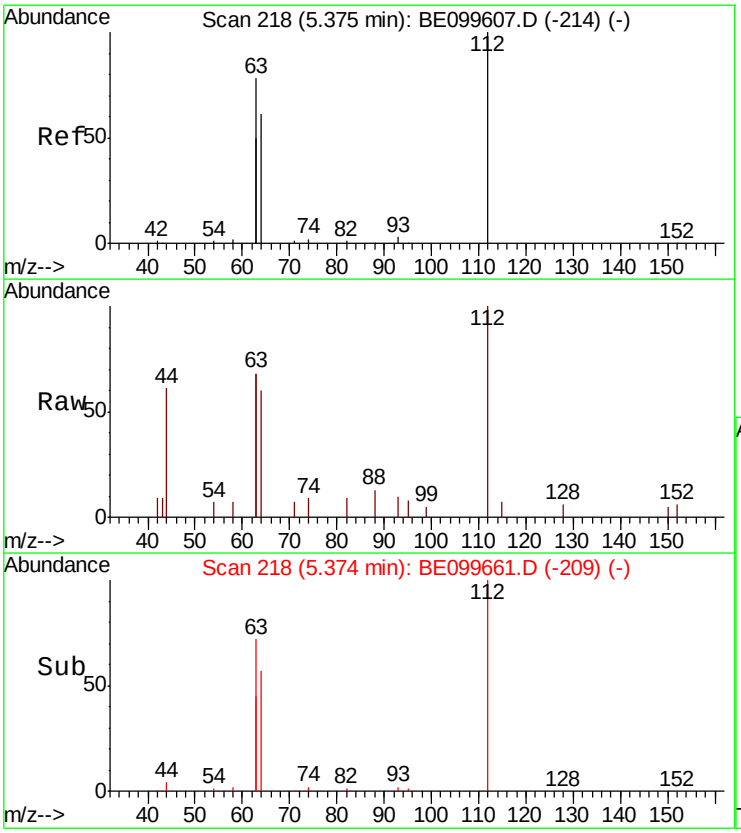
#3
n-Nitrosodimethylamine
Concen: 0.272 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion: 42 Resp: 481

Ion	Ratio	Lower	Upper
42	100		
74	161.5	128.4	192.6
44	0.0	0.0	0.0



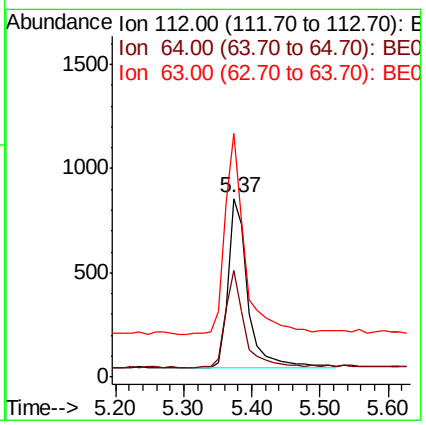
Instrument :
BNA_E
ClientSampleId :

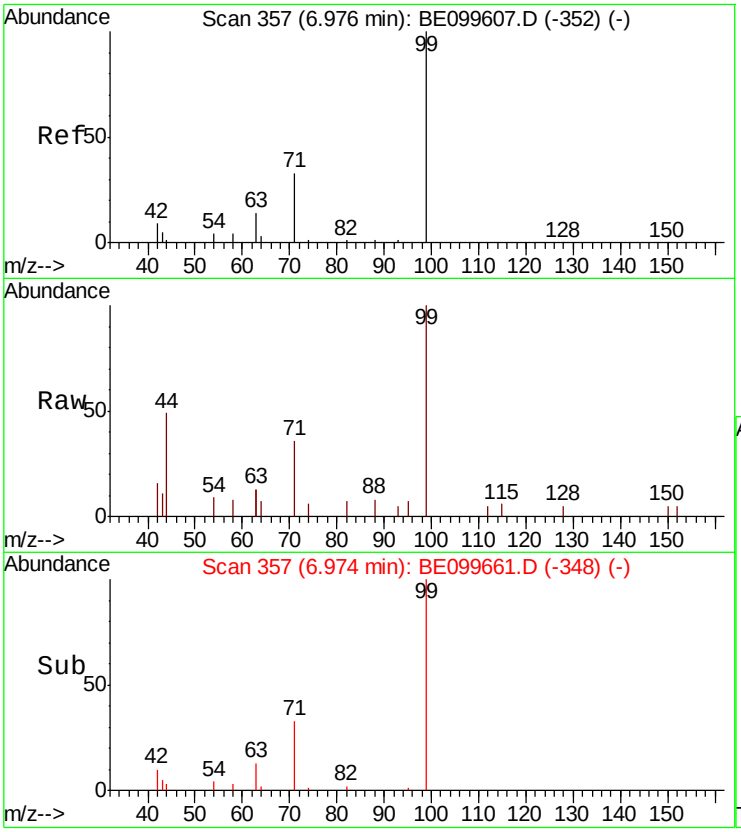


#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:112 Resp: 1666

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.4	65.2
63	121.1	96.9	145.3



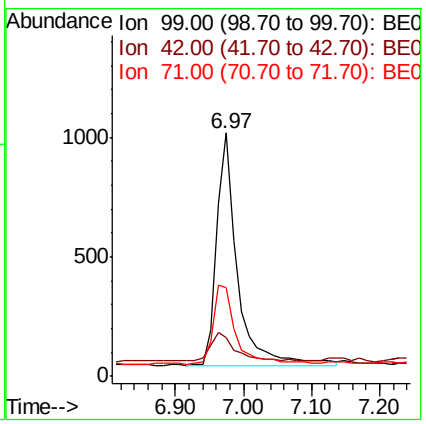


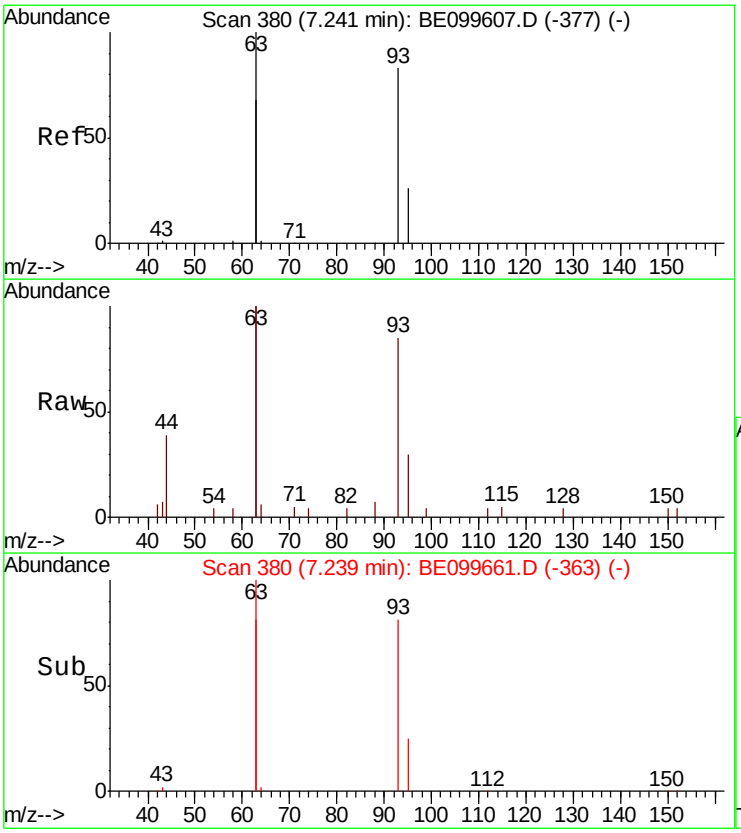
#5
Phenol-d6
Concen: 0.309 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2096

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	36.1	28.9	43.3

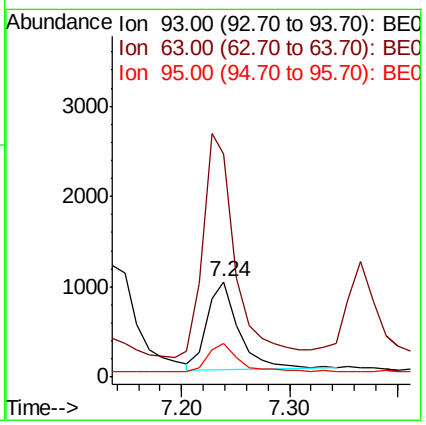


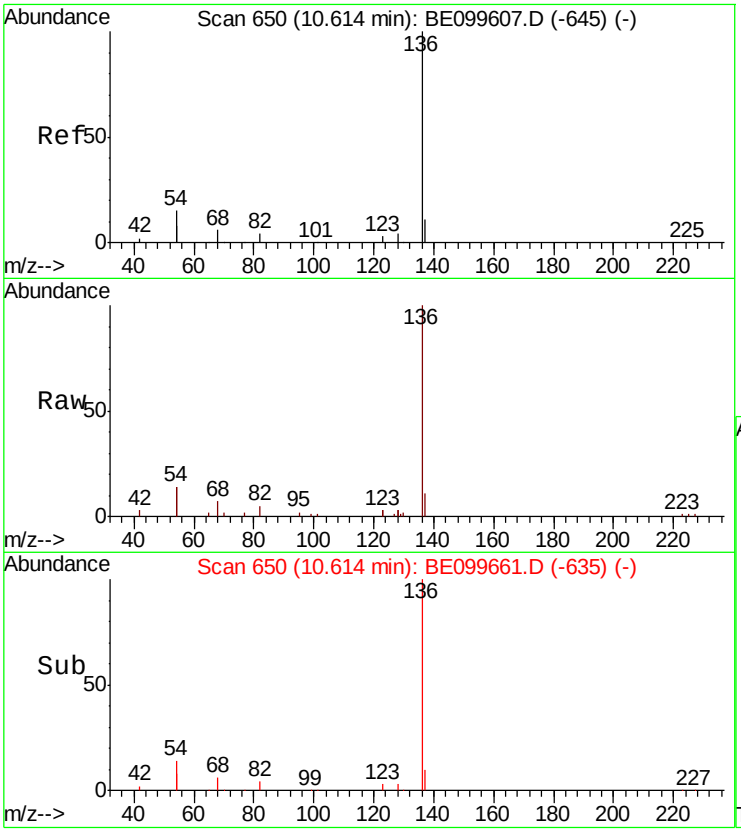


#6
bis(2-Chloroethyl)ether
Concen: 0.345 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion: 93 Resp: 1965

Ion	Ratio	Lower	Upper
93	100		
63	259.7	207.8	311.6
95	32.4	25.9	38.9



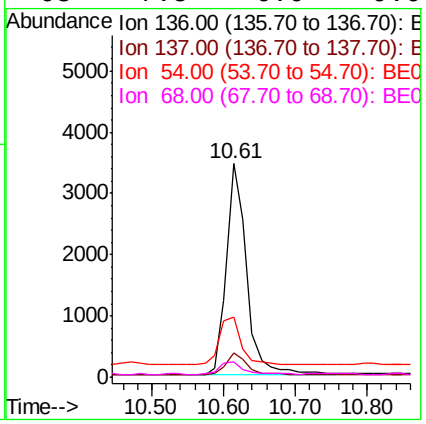


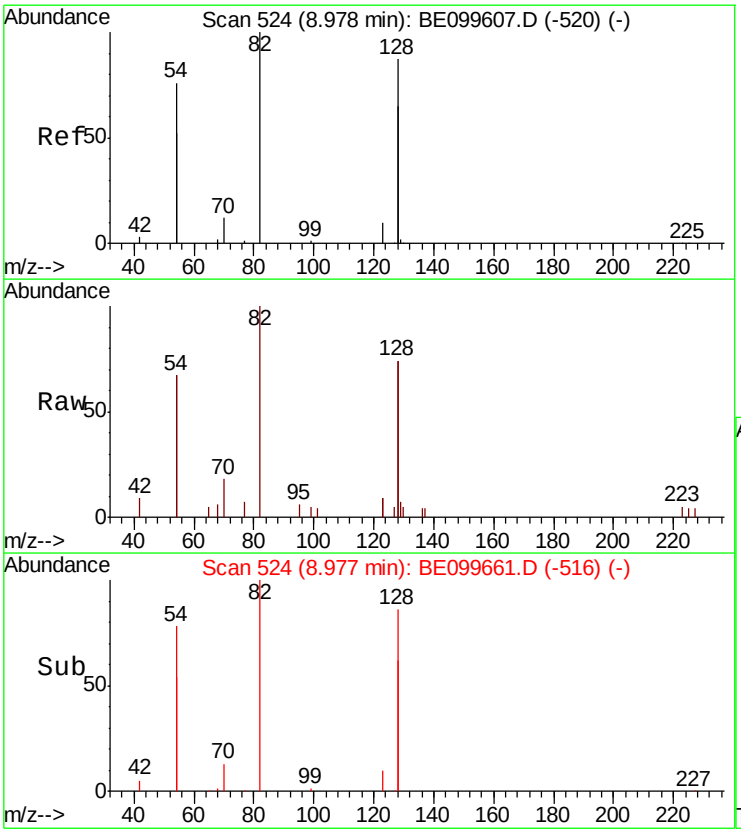
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6700

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	27.9	22.3	33.5
68	7.5	6.0	9.0

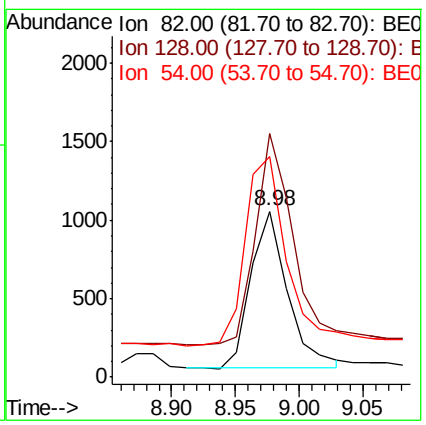


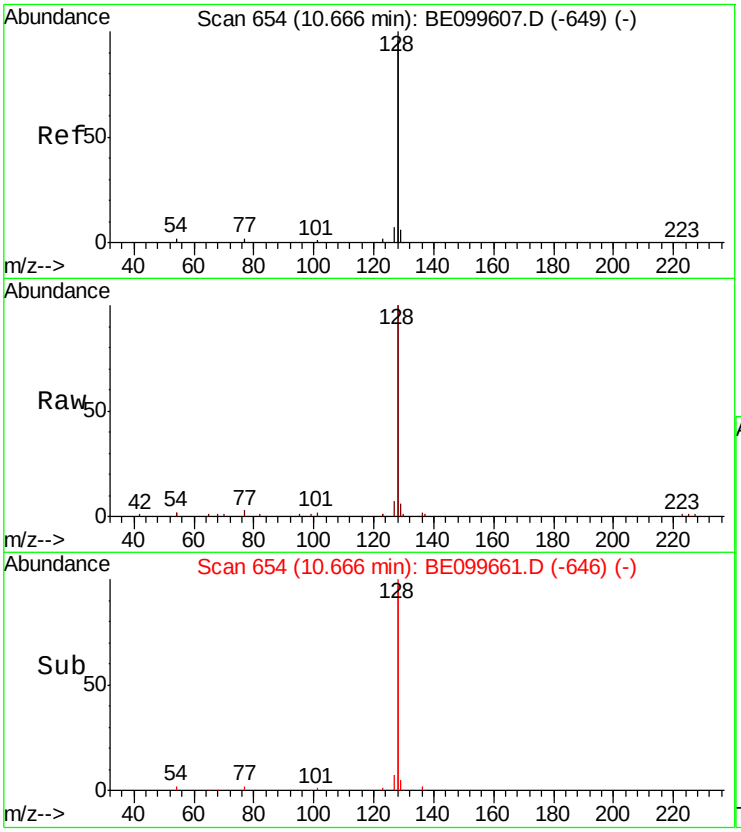


#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion: 82 Resp: 1990

Ion	Ratio	Lower	Upper
82	100		
128	147.1	117.7	176.5
54	133.3	106.6	160.0



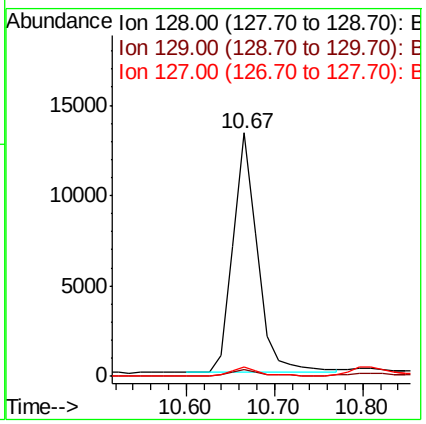


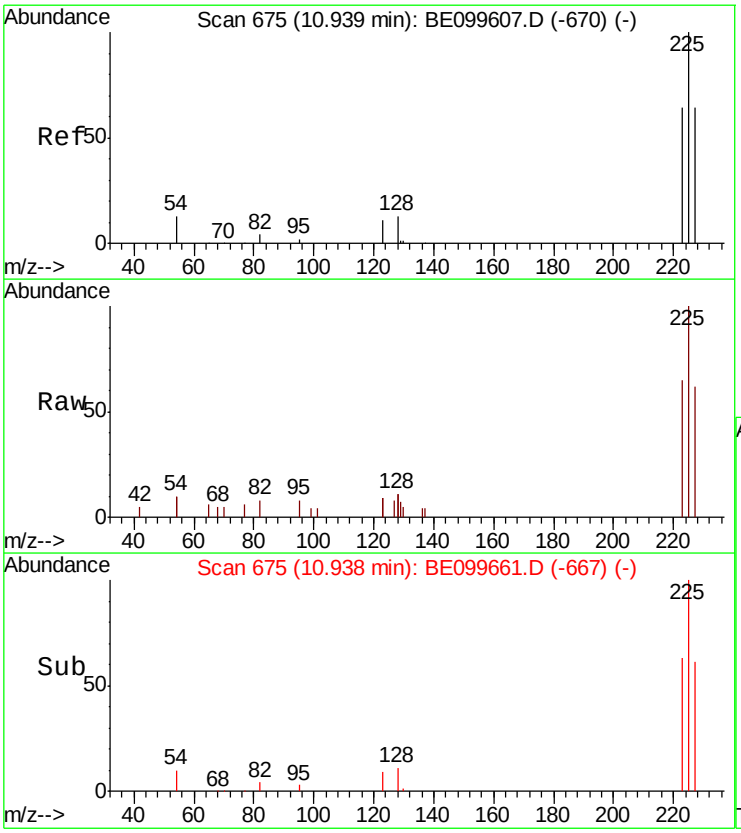
#9
Naphthalene
Concen: 0.359 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 25596

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.6	2.9	4.3

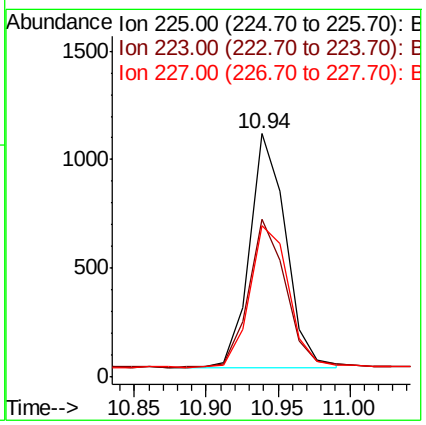


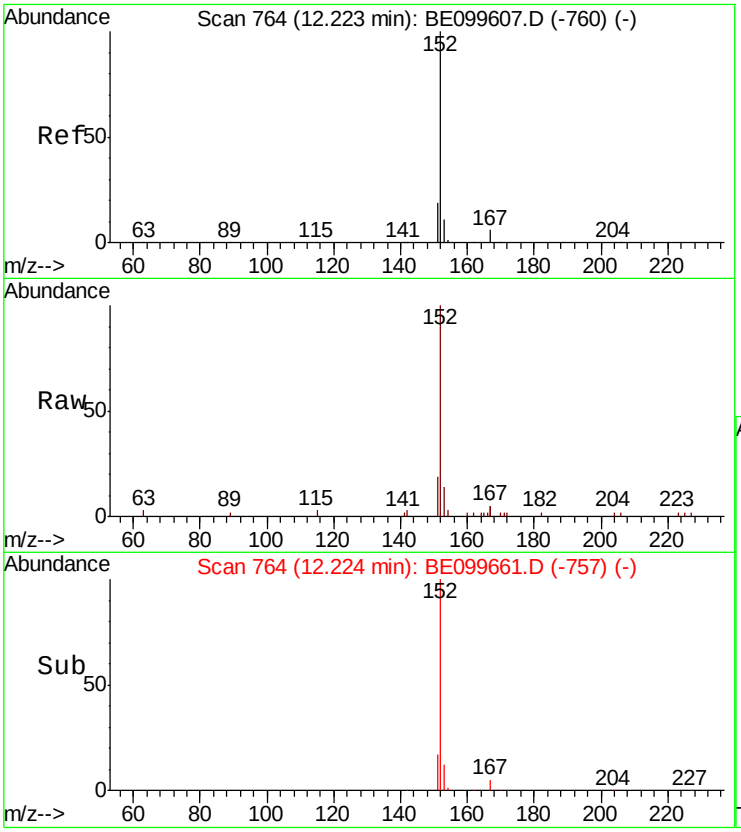


#10
Hexachlorobutadiene
Concen: 0.360 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:225 Resp: 1878

Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.8	77.6
227	65.8	52.6	79.0



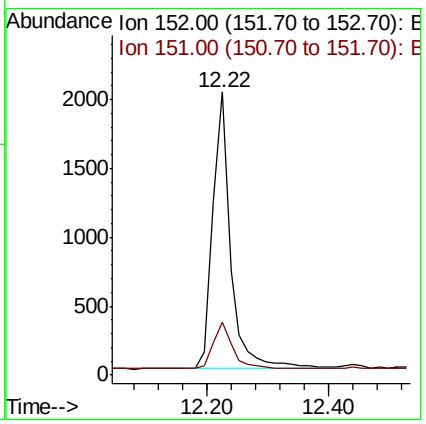


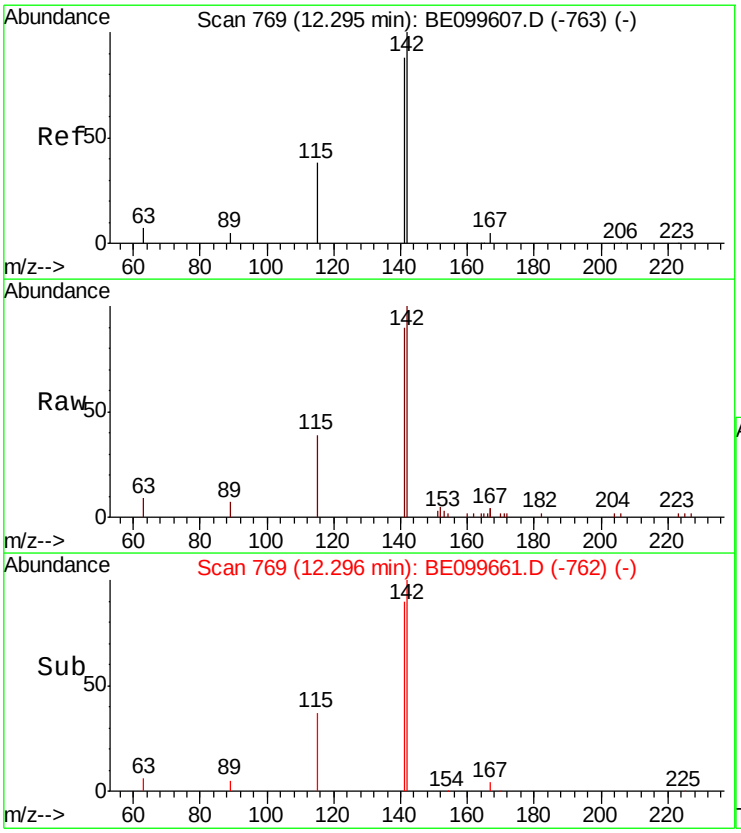
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4114

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.0	22.4

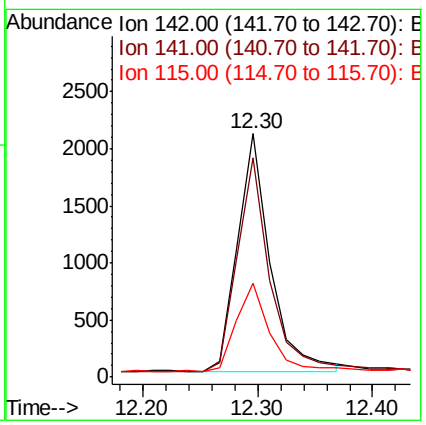


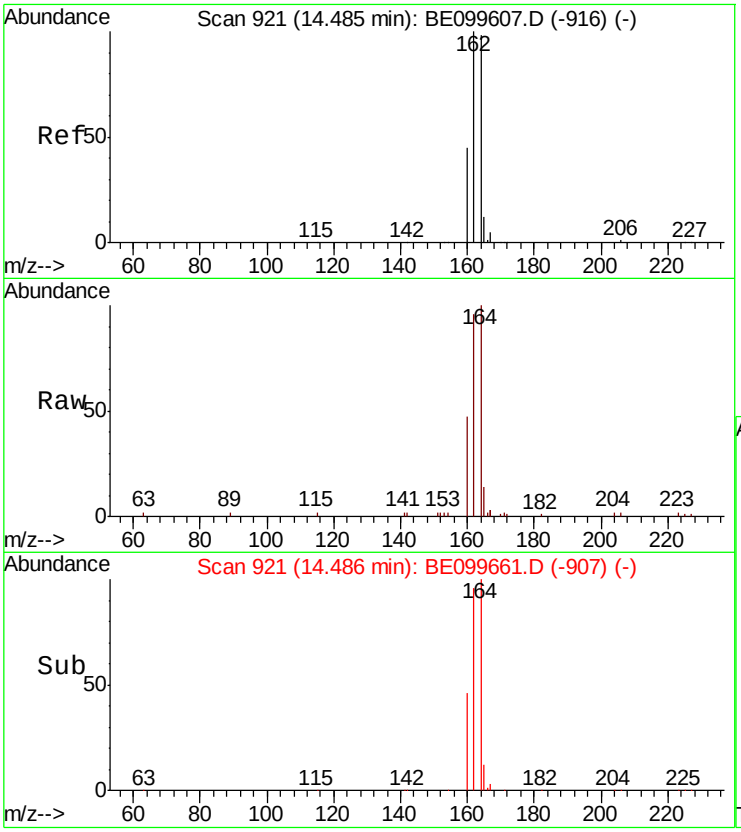


#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:142 Resp: 4076

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.0	108.0
115	38.7	31.0	46.4



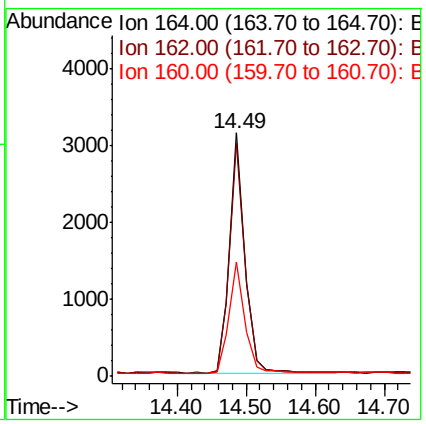


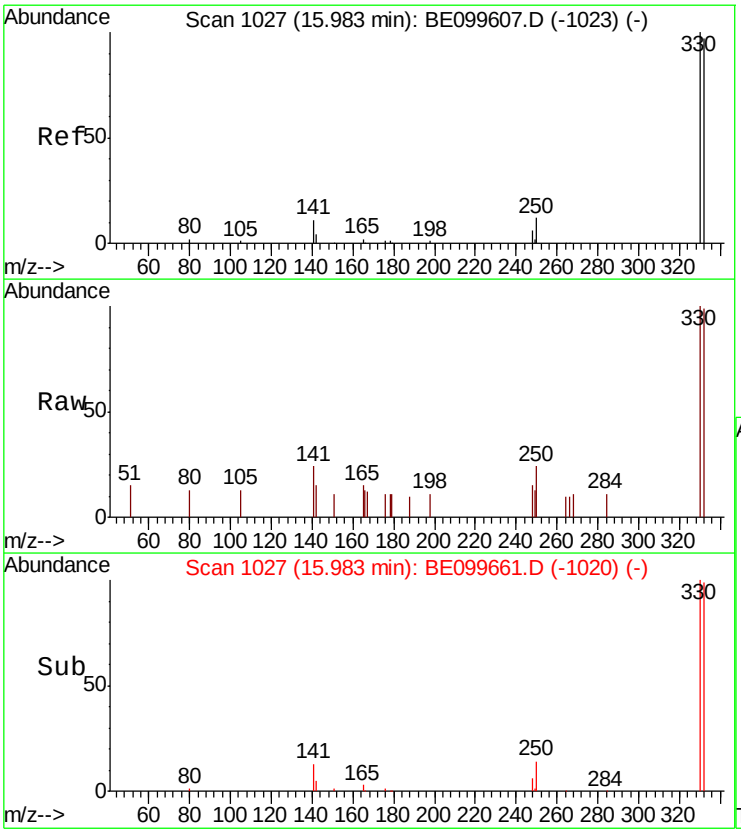
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4778

Ion	Ratio	Lower	Upper
164	100		
162	95.6	76.5	114.7
160	46.8	37.4	56.2

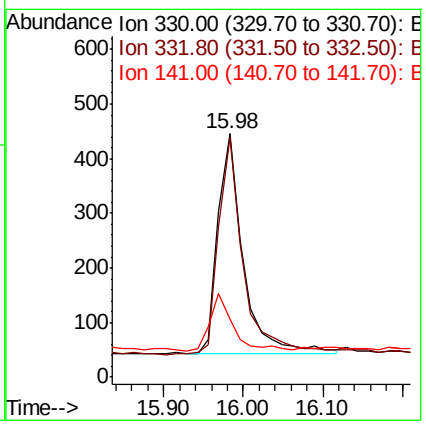


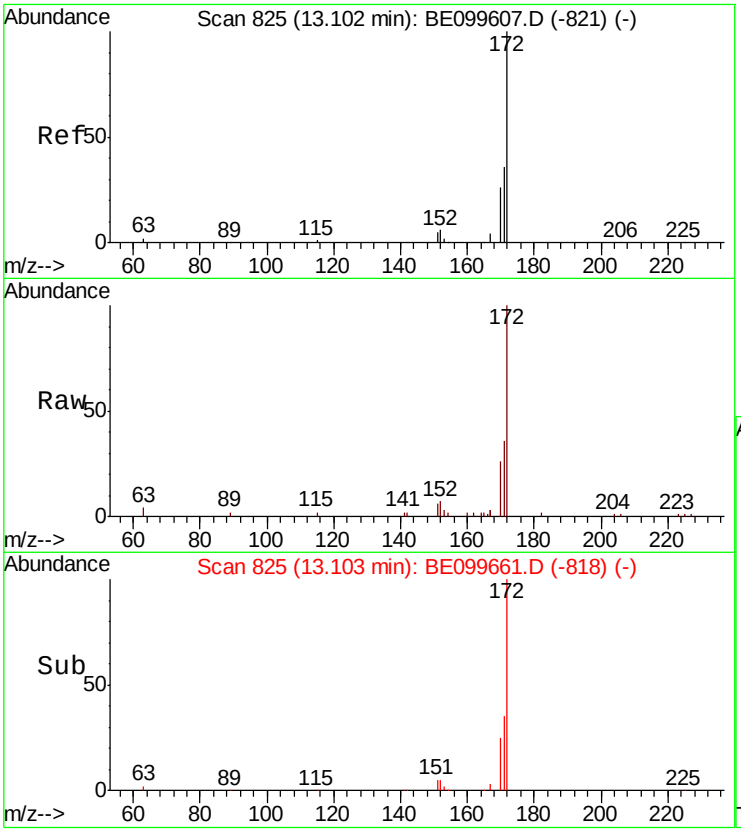


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:330 Resp: 880

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	23.6	18.9	28.3



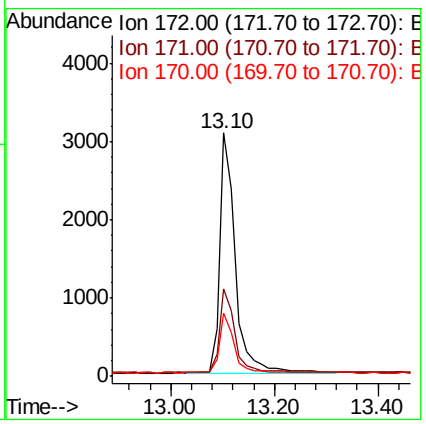


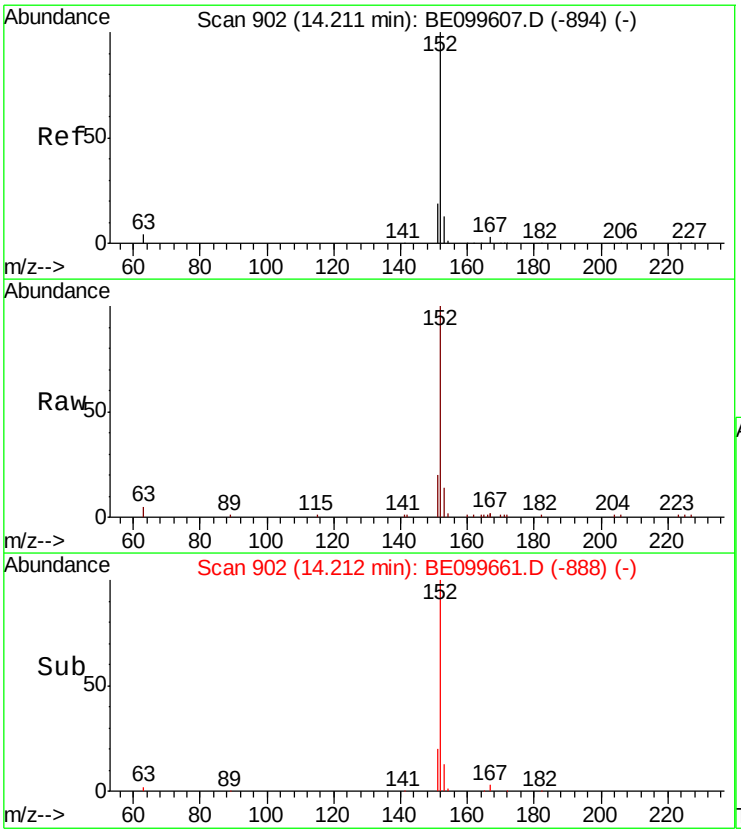
#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6448

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	26.1	20.9	31.3

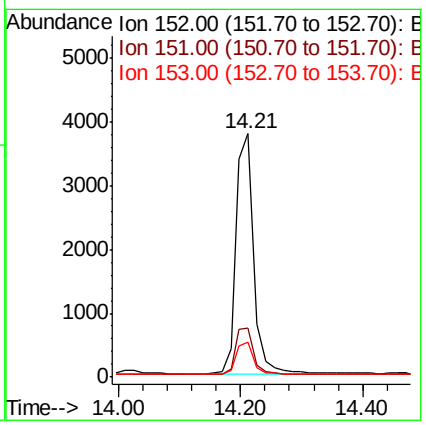


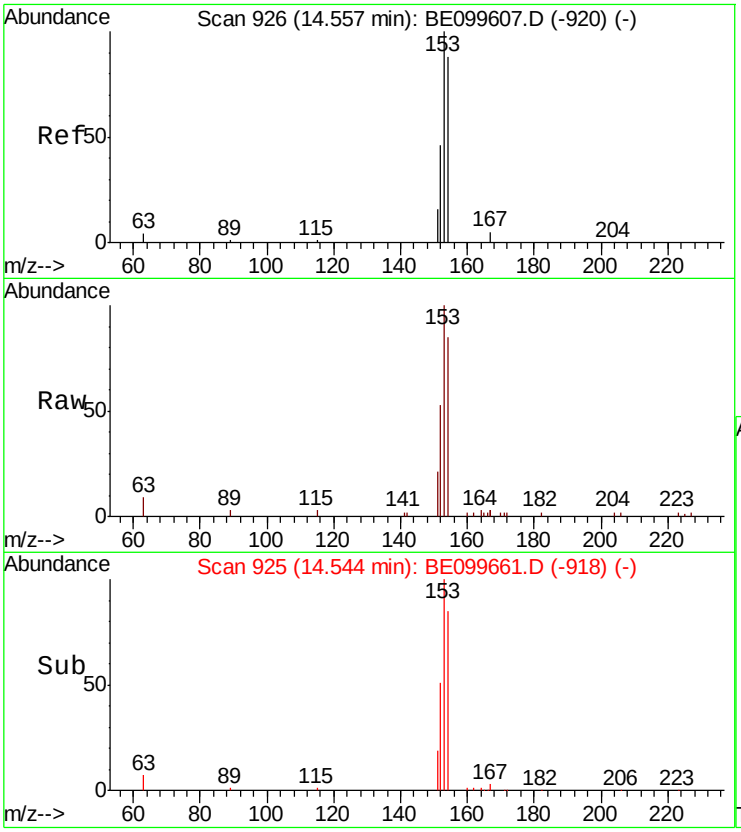


#16
Acenaphthylene
Concen: 0.339 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:152 Resp: 7647

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.3	10.6	16.0



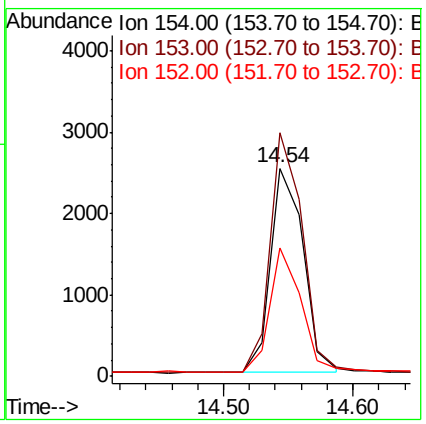


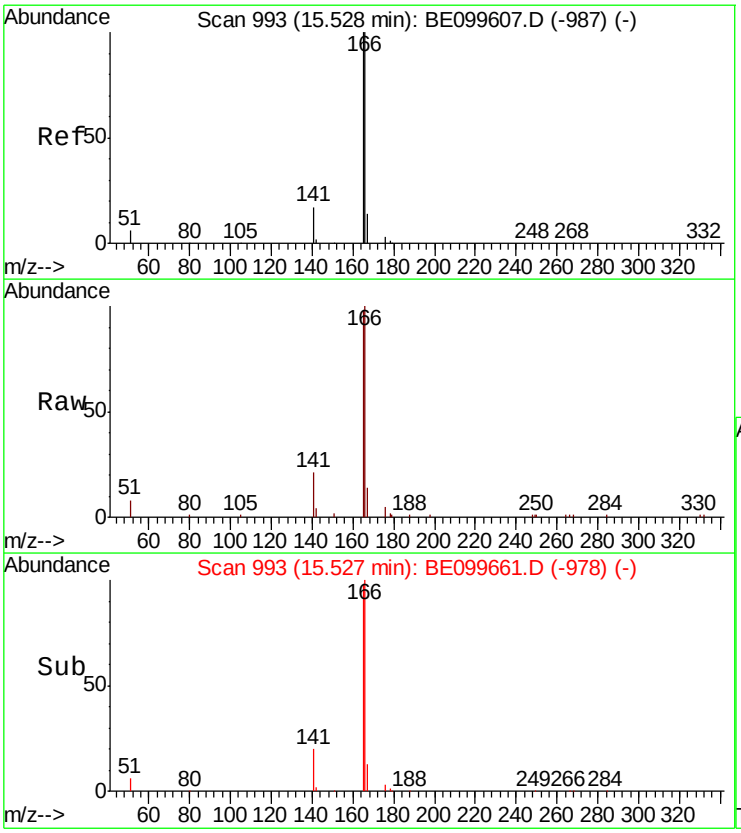
#17
Acenaphthene
Concen: 0.347 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4421

Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.2	138.4
152	57.5	46.2	69.4

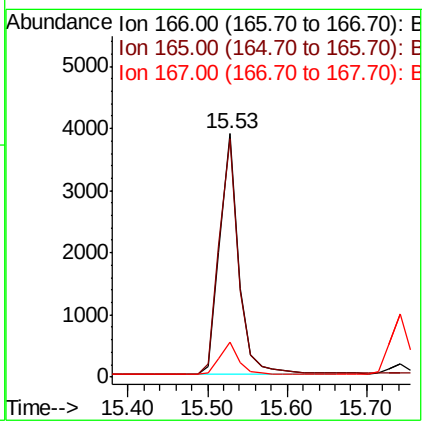


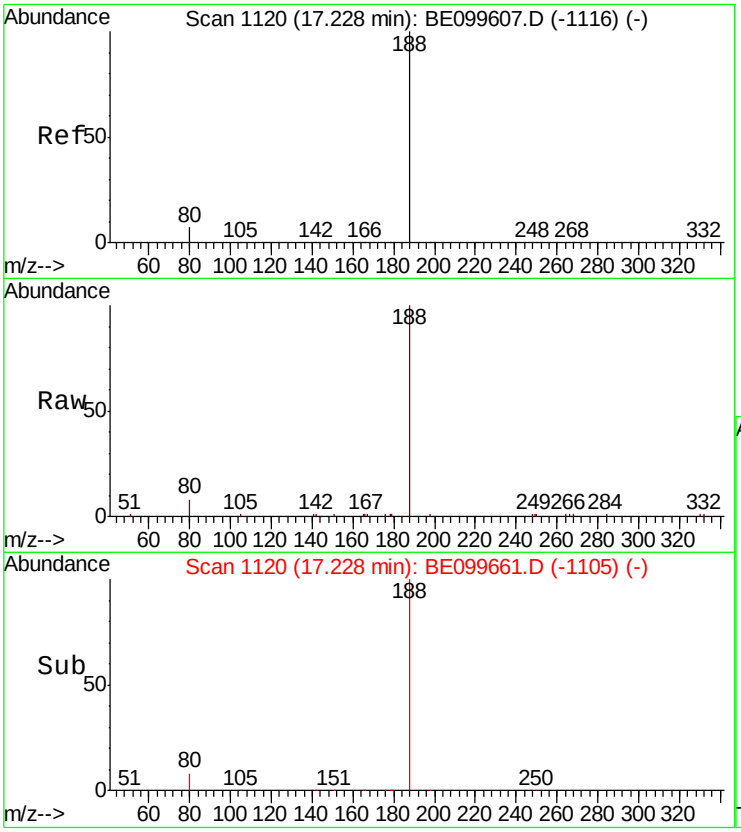


#18
Fluorene
Concen: 0.353 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:166 Resp: 6445

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.3	120.5
167	13.3	10.6	16.0



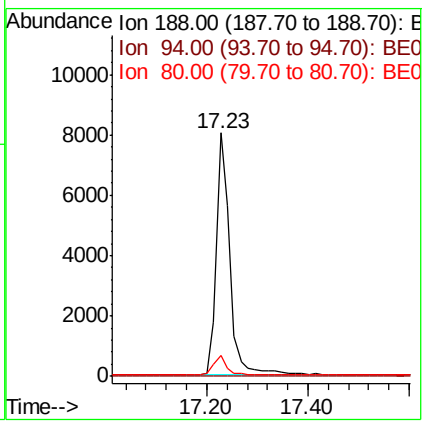


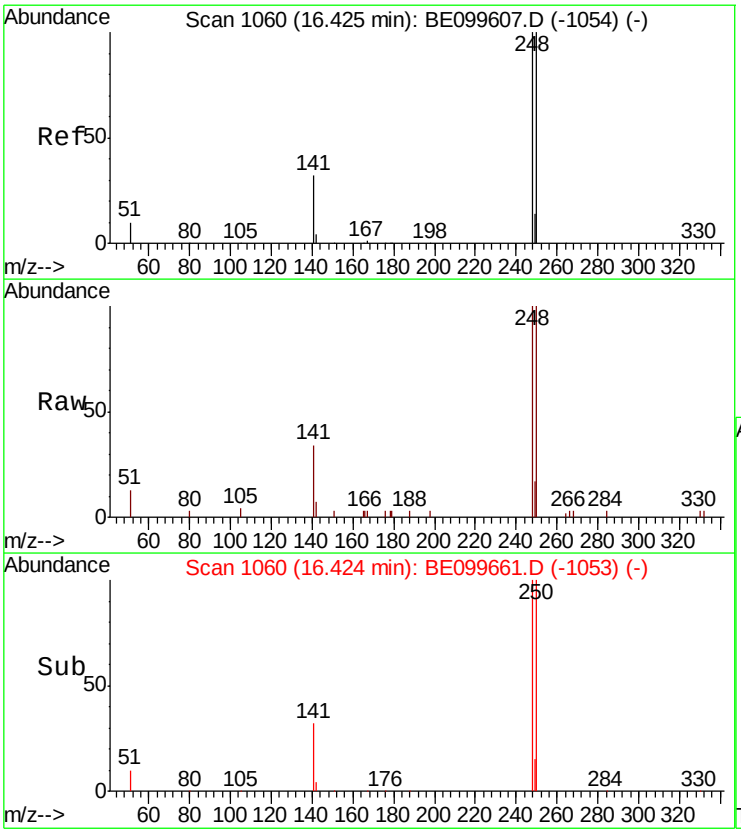
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 14710

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	6.7	10.1

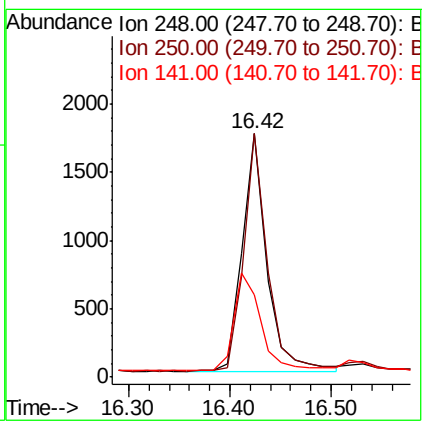


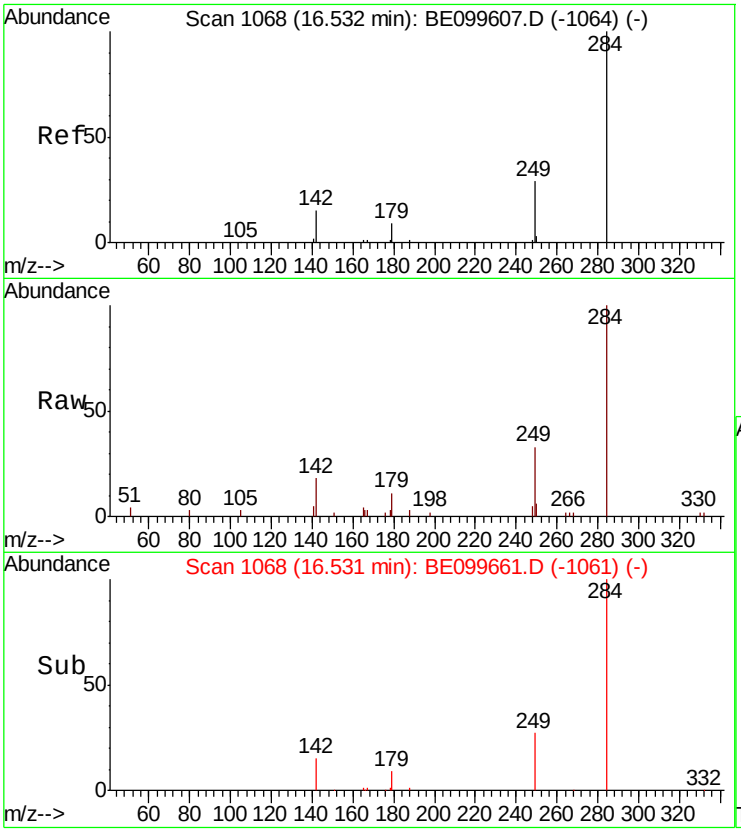


#20
4-Bromophenyl-phenylether
Concen: 0.348 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:248 Resp: 2950

Ion	Ratio	Lower	Upper
248	100		
250	99.8	79.8	119.8
141	33.8	27.0	40.6



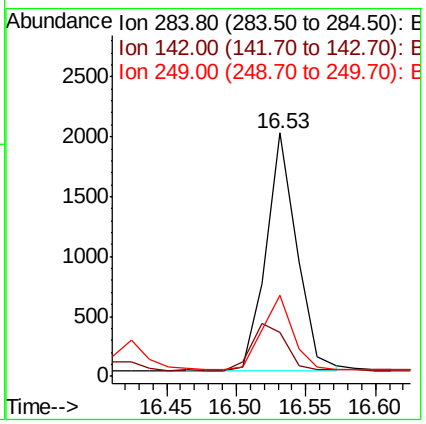


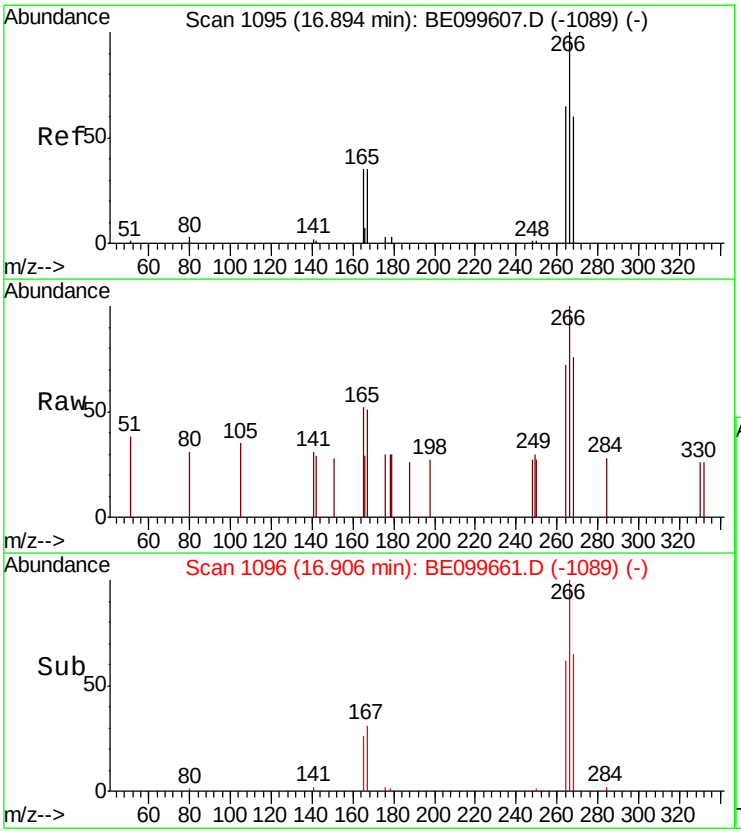
#21
Hexachlorobenzene
Concen: 0.367 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3061

Ion	Ratio	Lower	Upper
284	100		
142	22.2	17.8	26.6
249	31.0	24.8	37.2

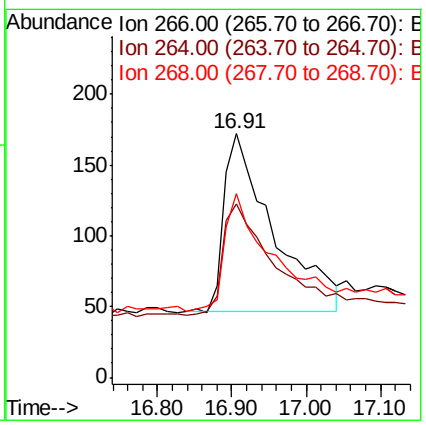


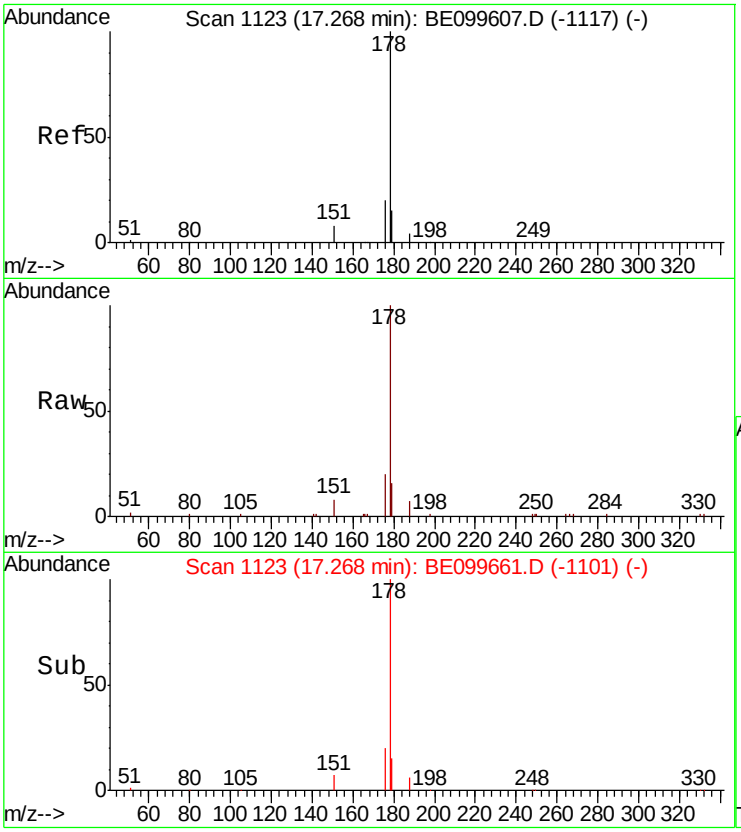


#22
Pentachlorophenol
Concen: 0.174 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:266 Resp: 578

Ion	Ratio	Lower	Upper
266	100		
264	71.5	57.2	85.8
268	75.6	60.5	90.7



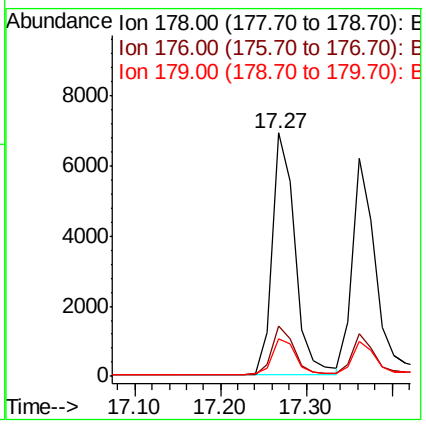


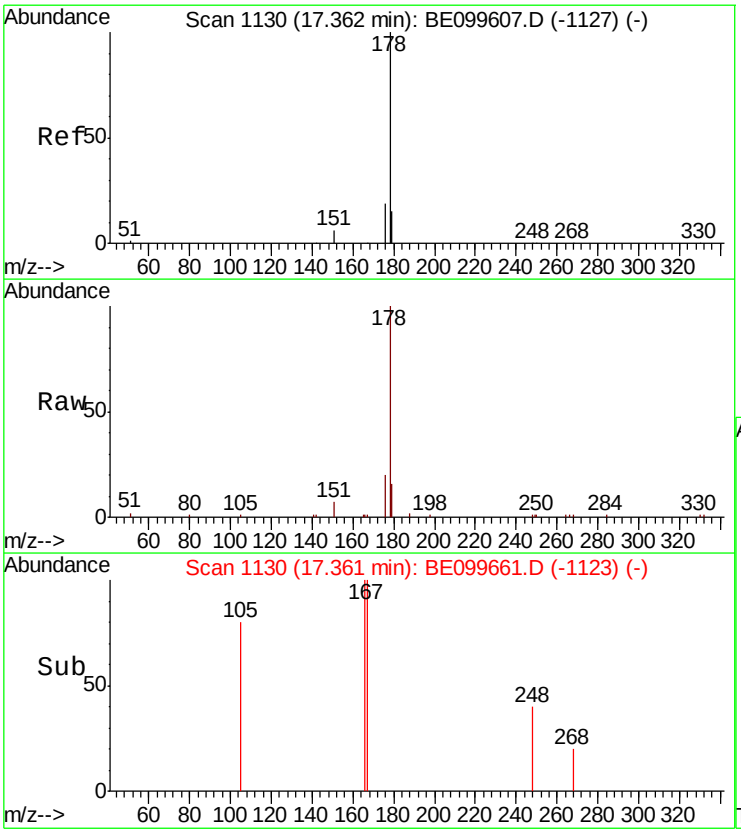
#23
Phenanthrene
Concen: 0.347 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 12689

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.3	12.2	18.4

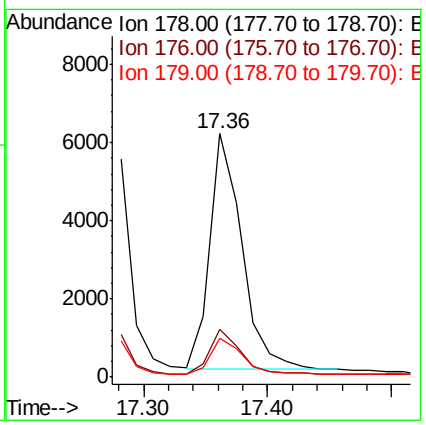


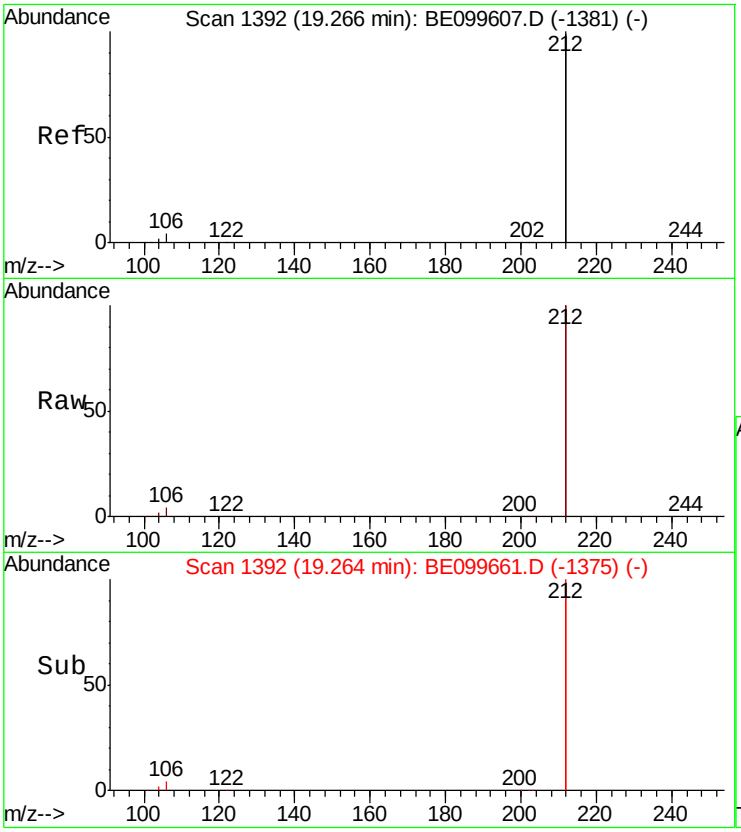


#24
Anthracene
Concen: 0.323 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:178 Resp: 10880

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.0	12.0	18.0



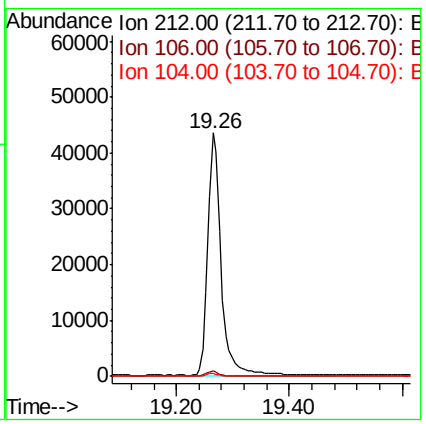


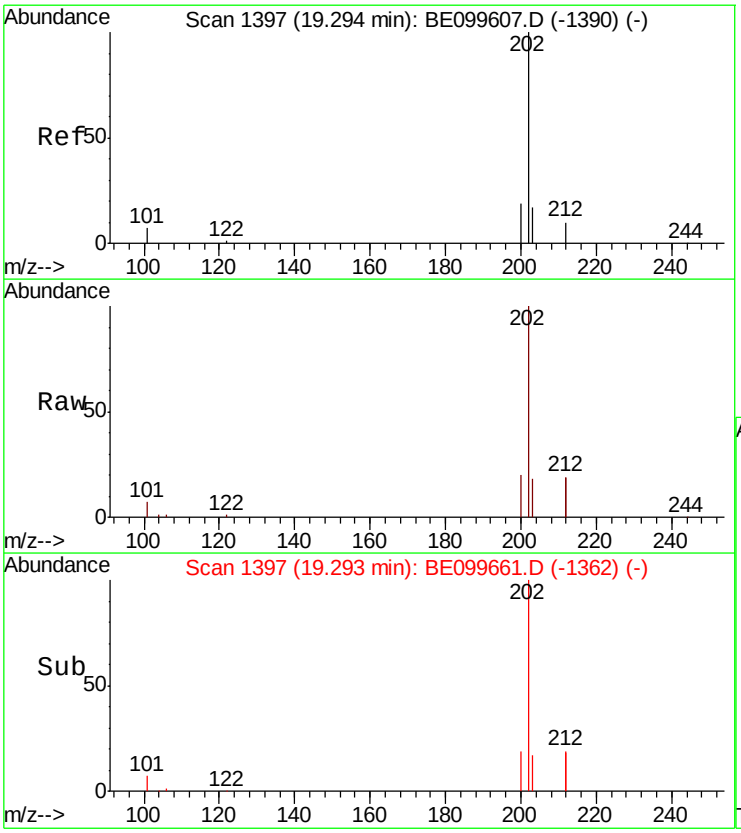
#25
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 70038

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

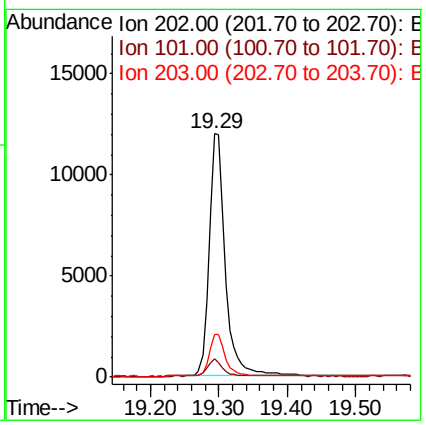


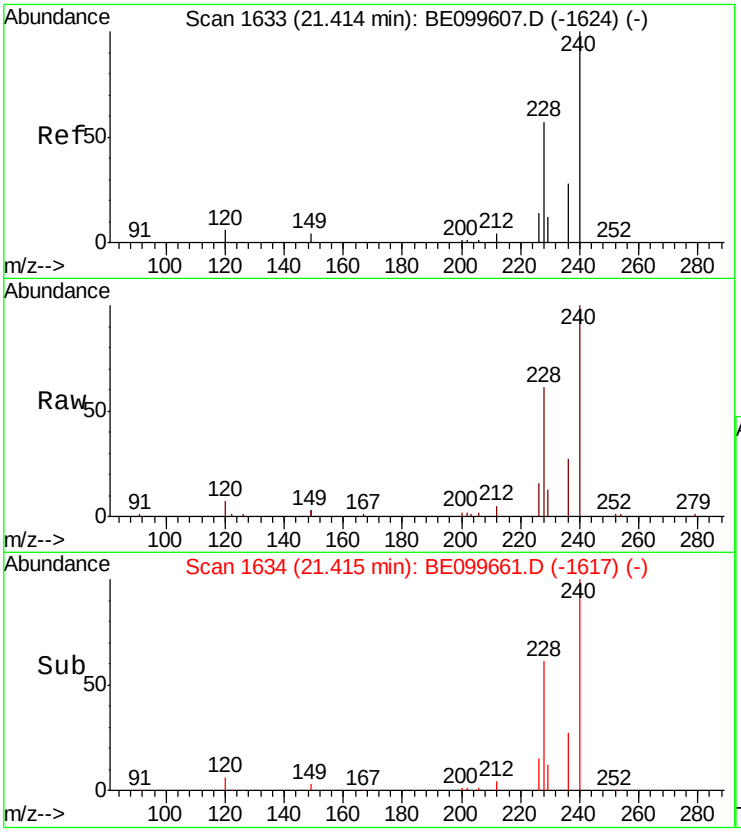


#26
Fluoranthene
Concen: 0.360 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:202 Resp: 19886

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.2	7.8
203	17.2	13.8	20.6



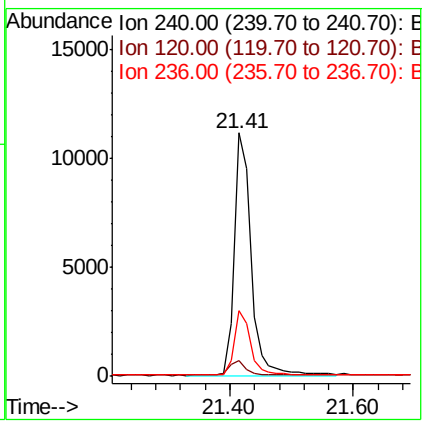


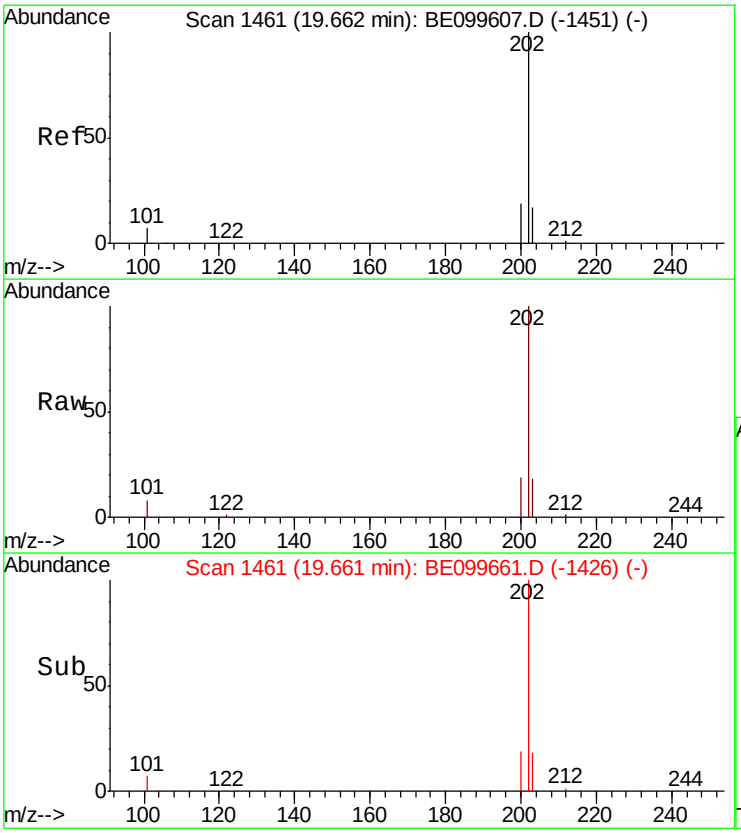
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 20553

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.4	8.0
236	27.1	21.7	32.5

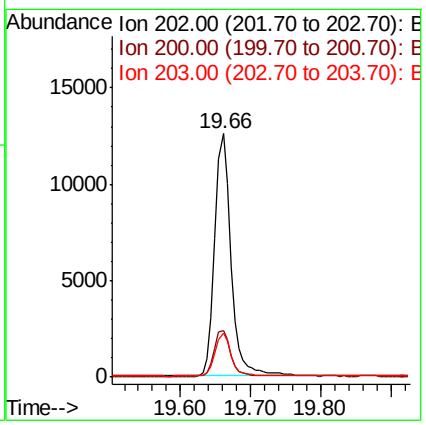


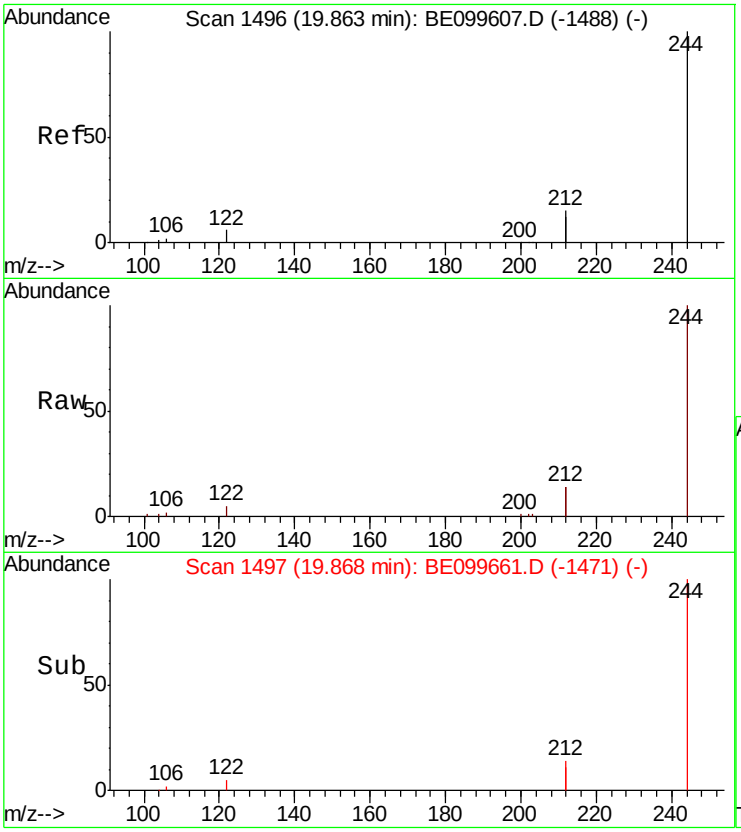


#28
Pyrene
Concen: 0.388 ng
RT: 19.66 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:202 Resp: 20304

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.4	23.2
203	17.3	13.8	20.8



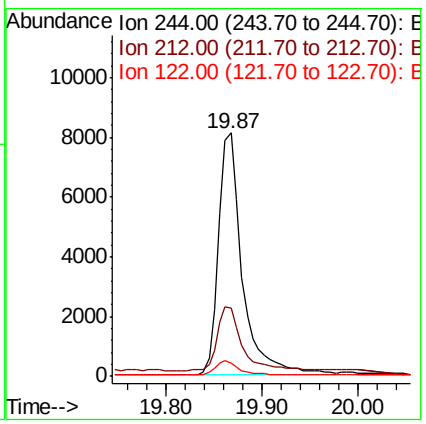


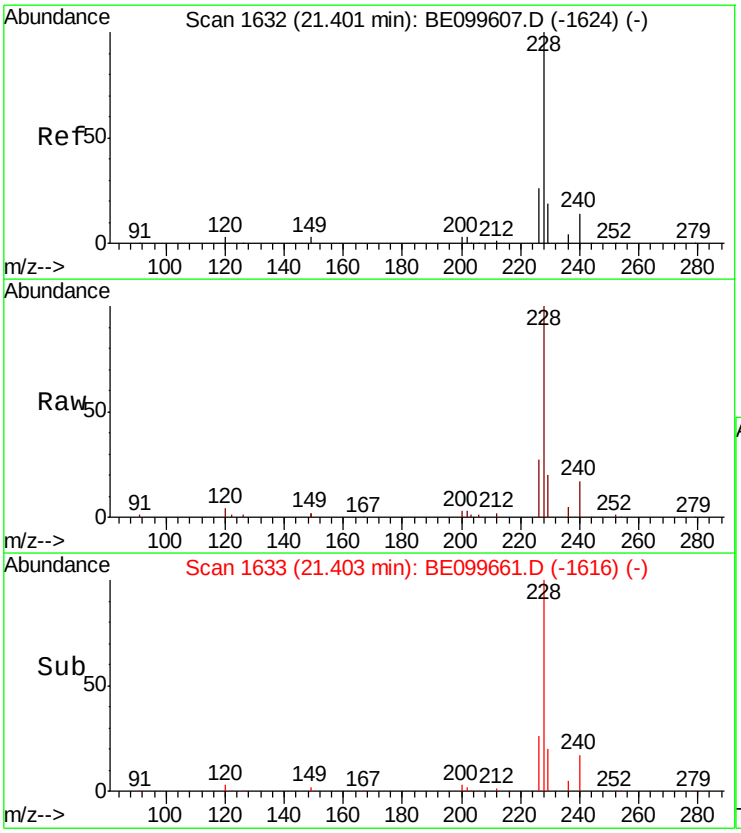
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.87 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14100

Ion	Ratio	Lower	Upper
244	100		
212	28.1	22.5	33.7
122	5.4	4.3	6.5

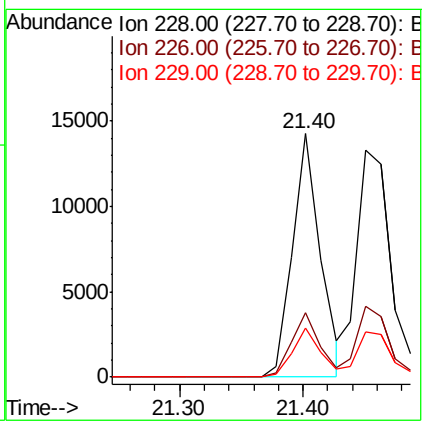


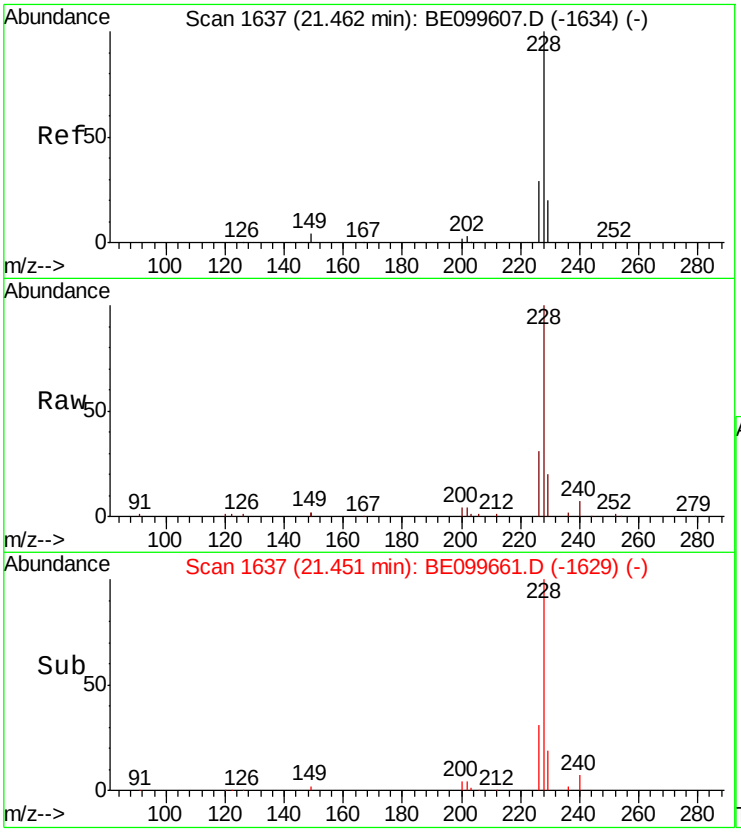


#30
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:228 Resp: 22250

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	20.1	16.1	24.1



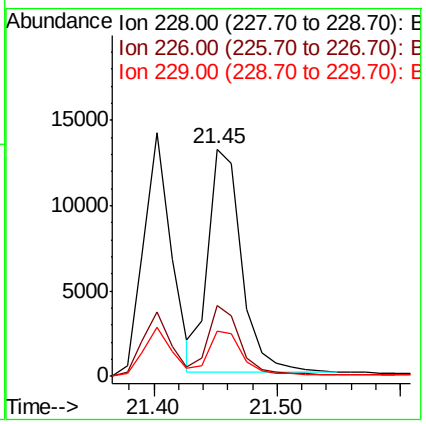


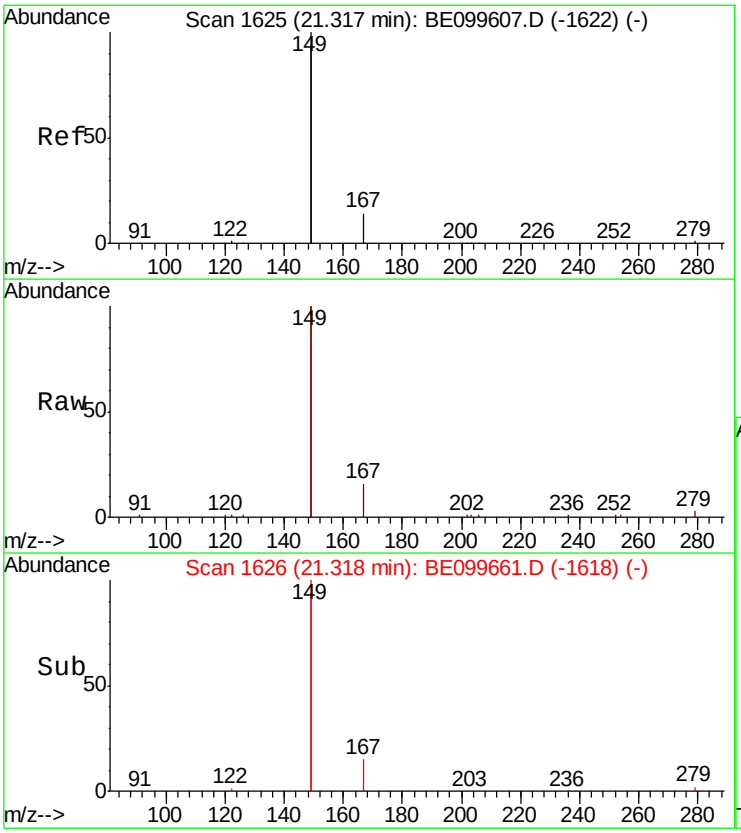
#31
Chrysene
Concen: 0.386 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 24681

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	19.7	15.8	23.6

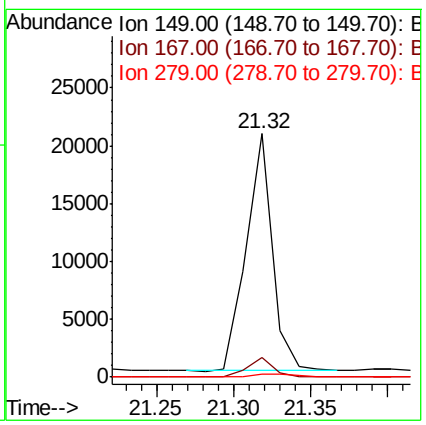


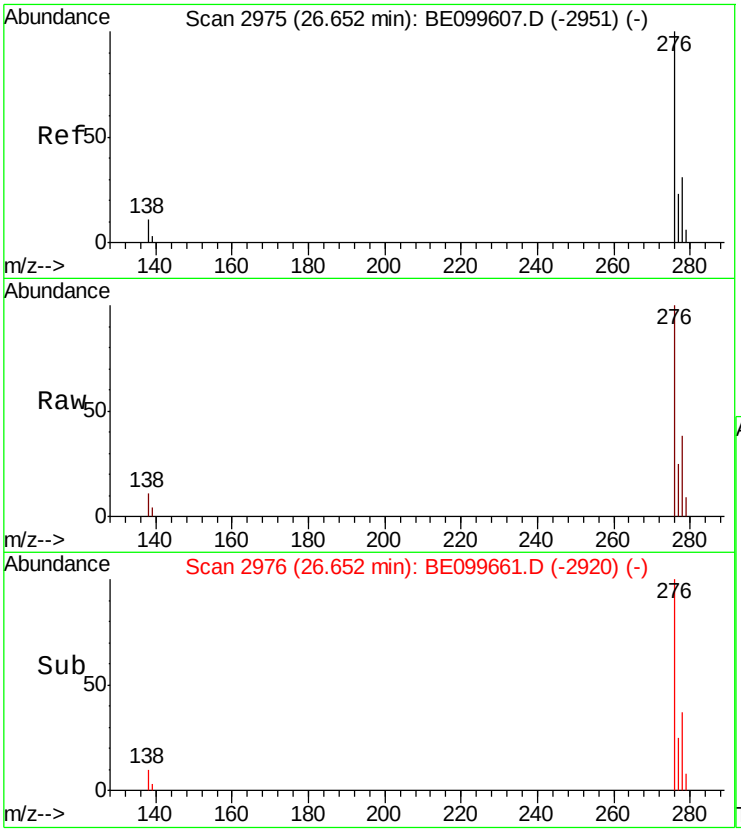


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.253 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:149 Resp: 24207

Ion	Ratio	Lower	Upper
149	100		
167	7.8	6.2	9.4
279	1.5	1.2	1.8



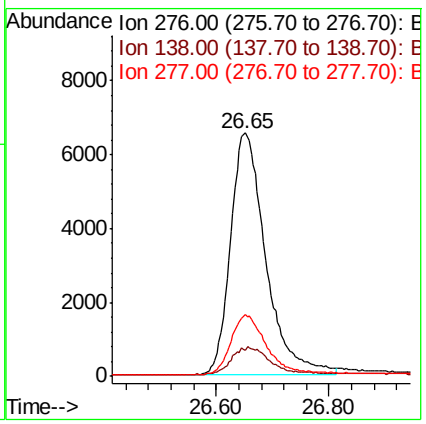


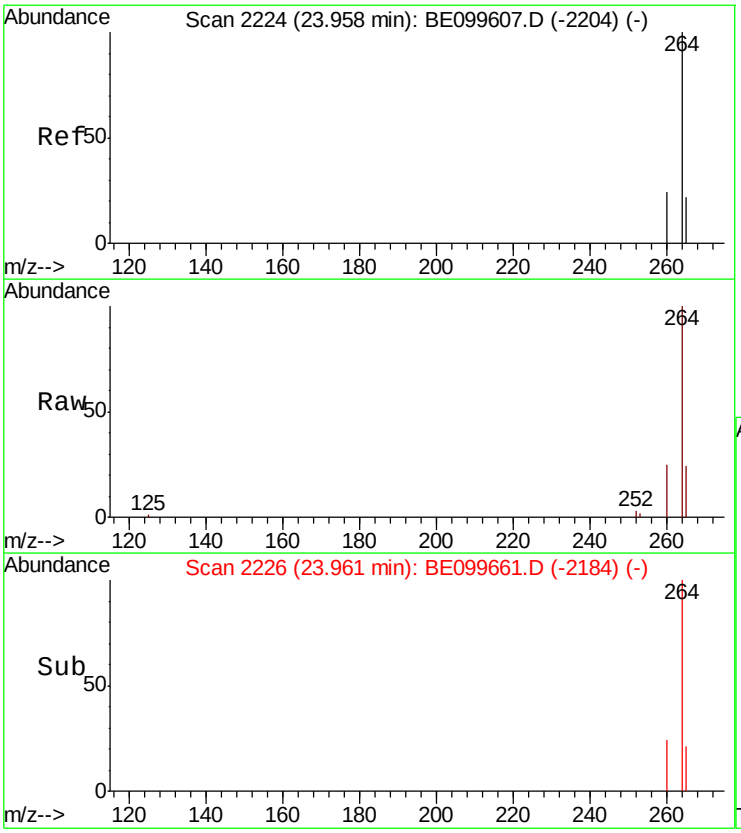
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng
RT: 26.65 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 28316

Ion	Ratio	Lower	Upper
276	100		
138	12.0	9.6	14.4
277	24.0	19.2	28.8

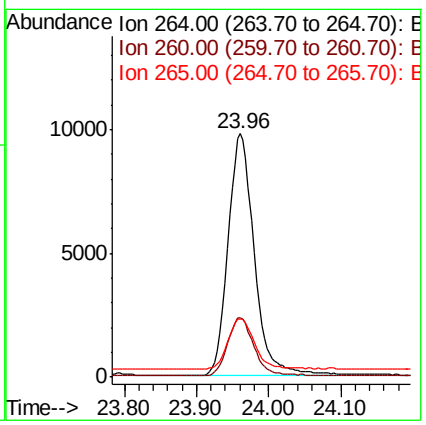


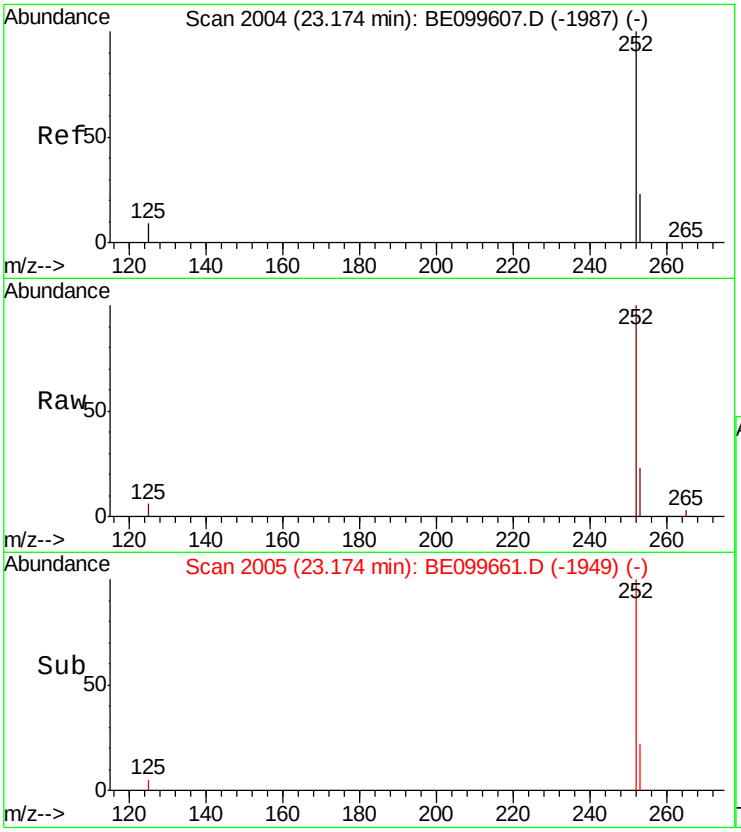


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:264 Resp: 24189

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	23.9	19.1	28.7



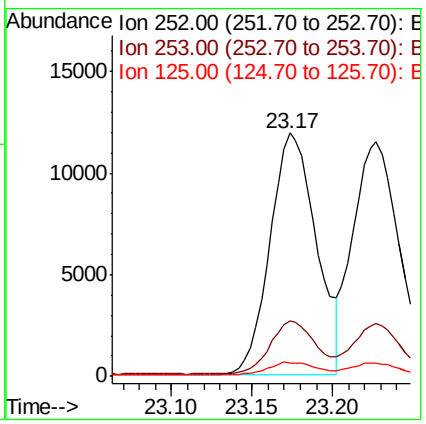


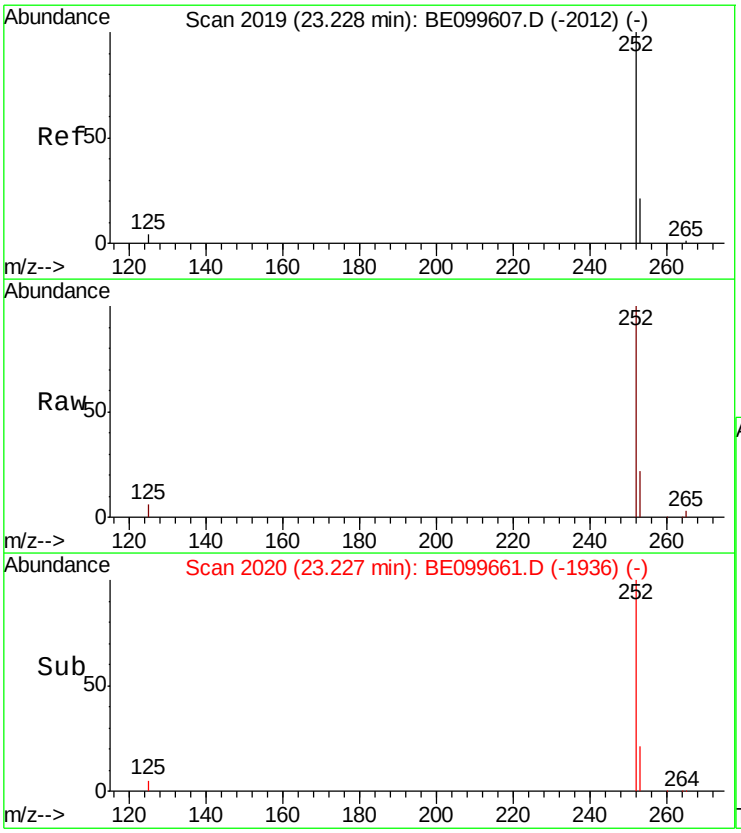
#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23810

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	5.6	4.5	6.7

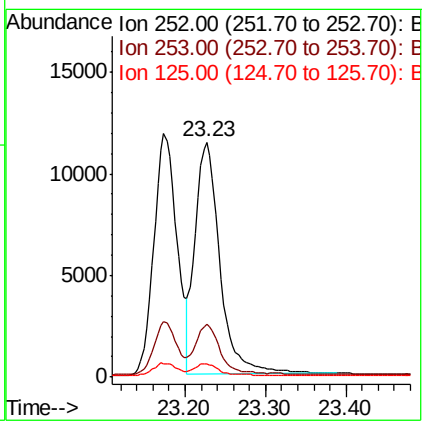


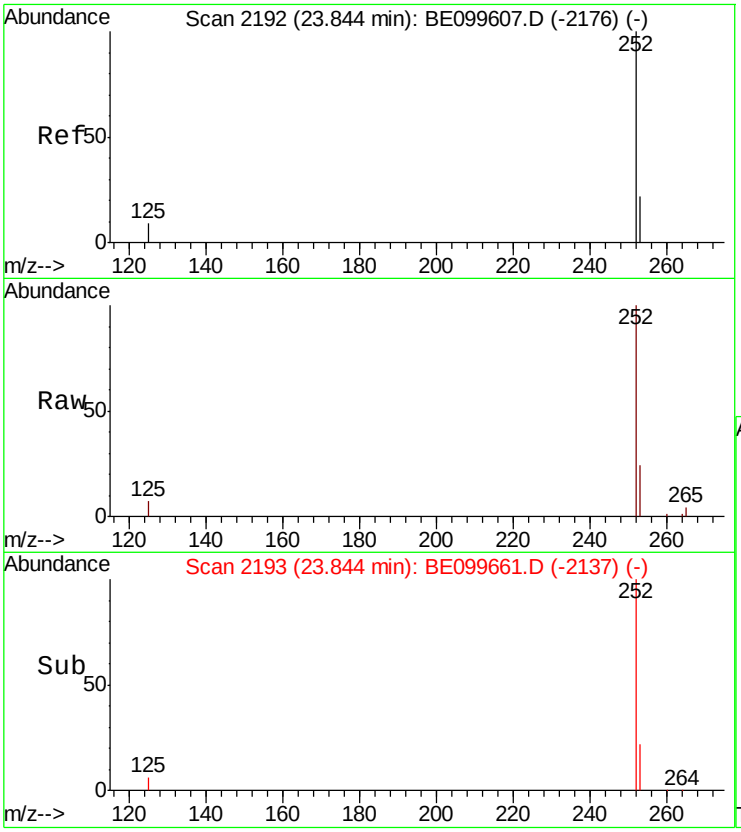


#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 23.23 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:252 Resp: 24694

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	5.7	4.6	6.8



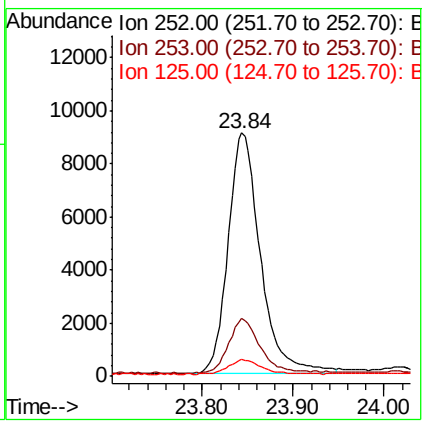


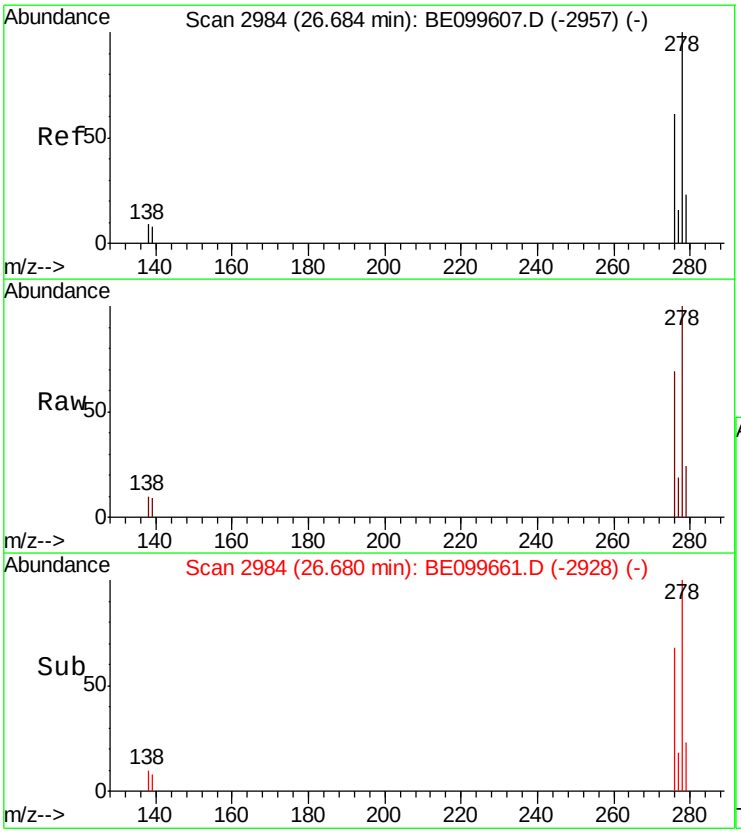
#37
Benzo(a)pyrene
Concen: 0.344 ng
RT: 23.84 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 22508

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	6.7	5.4	8.0

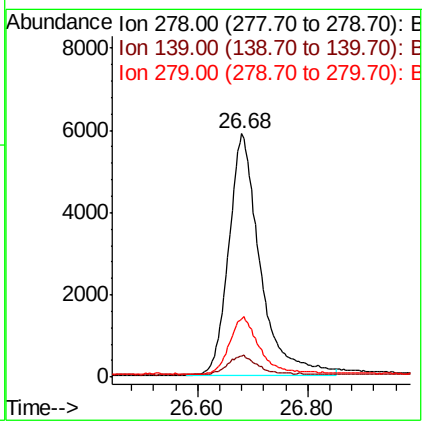


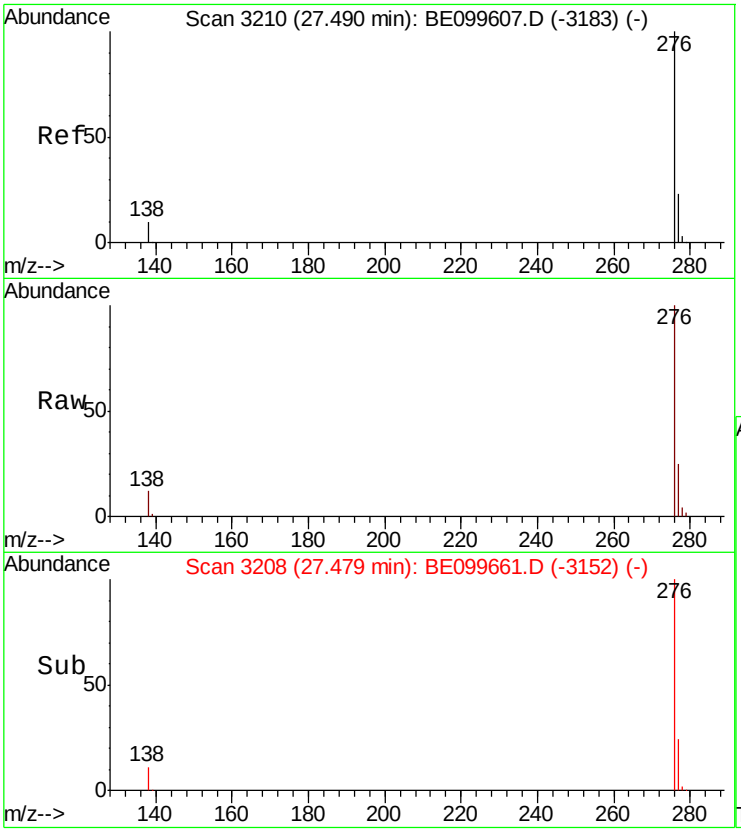


#38
Dibenzo(a,h)anthracene
Concen: 0.340 ng
RT: 26.68 min Scan# 2984
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:278 Resp: 23125

Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.9	10.3
279	24.0	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.350 ng
RT: 27.48 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23881

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	11.5	9.2	13.8