Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051419\
Data File : BE099610.D
Acq On : 14 May 2019 18:19
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: May 14 19:12:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:05:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1732	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	6043	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	4019	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	11093	0.40	ng		0.00
27) Chrysene-d12	21.41	240	17175	0.40	ng		0.00
34) Perylene-d12	23.96	264	18708	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	16218	3.42	ng		0.00
5) Phenol-d6	6.97	99	21687	3.48	ng		0.00
8) Nitrobenzene-d5	8.97	82	20692	3.65	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	34066	3.37	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	9406	3.95	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	51960	3.34	ng		0.00
25) Fluoranthene-d10	19.26	212	485784	3.33	ng		0.00
29) Terphenyl-d14	19.86	244	101982	3.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	7809	3.199	ng		89
3) n-Nitrosodimethylamine	3.61	42	5607	3.709	ng	#	94
6) bis(2-Chloroethyl)ether	7.23	93	17782	3.438	ng		92
9) Naphthalene	10.67	128	214484	3.331	ng		98
10) Hexachlorobutadiene	10.94	225	15570	3.350	ng		100
12) 2-Methylnaphthalene	12.30	142	35989	3.422	ng		99
16) Acenaphthylene	14.21	152	65412	3.362	ng		99
17) Acenaphthene	14.54	154	36879	3.394	ng		98
18) Fluorene	15.53	166	51909	3.349	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	21975	3.473	ng		97
21) Hexachlorobenzene	16.53	284	21080	3.318	ng		97
22) Pentachlorophenol	16.88	266	10307	4.058	ng		89
23) Phenanthrene	17.27	178	92412	3.356	ng		99
24) Anthracene	17.36	178	89425	3.459	ng		100
26) Fluoranthene	19.29	202	137953	3.330	ng		99
28) Pyrene	19.66	202	142840	3.156	ng		100
30) Benzo(a)anthracene	21.40	228	172653	3.292	ng		100
31) Chrysene	21.45	228	174374	3.326	ng		96
32) Bis(2-ethylhexyl)phthalate	21.32	149	243623	3.232	ng		100
33) Indeno(1,2,3-cd)pyrene	26.65	276	218309	3.337	ng		99
35) Benzo(b)fluoranthene	23.17	252	172058	3.329	ng	#	94
36) Benzo(k)fluoranthene	23.17	252	172058	3.349	ng		97
37) Benzo(a)pyrene	23.84	252	166735	3.330	ng	#	93
38) Dibenzo(a,h)anthracene	26.68	278	180881	3.456	ng		98
39) Benzo(g,h,i)perylene	27.49	276	178425	3.368	ng		99

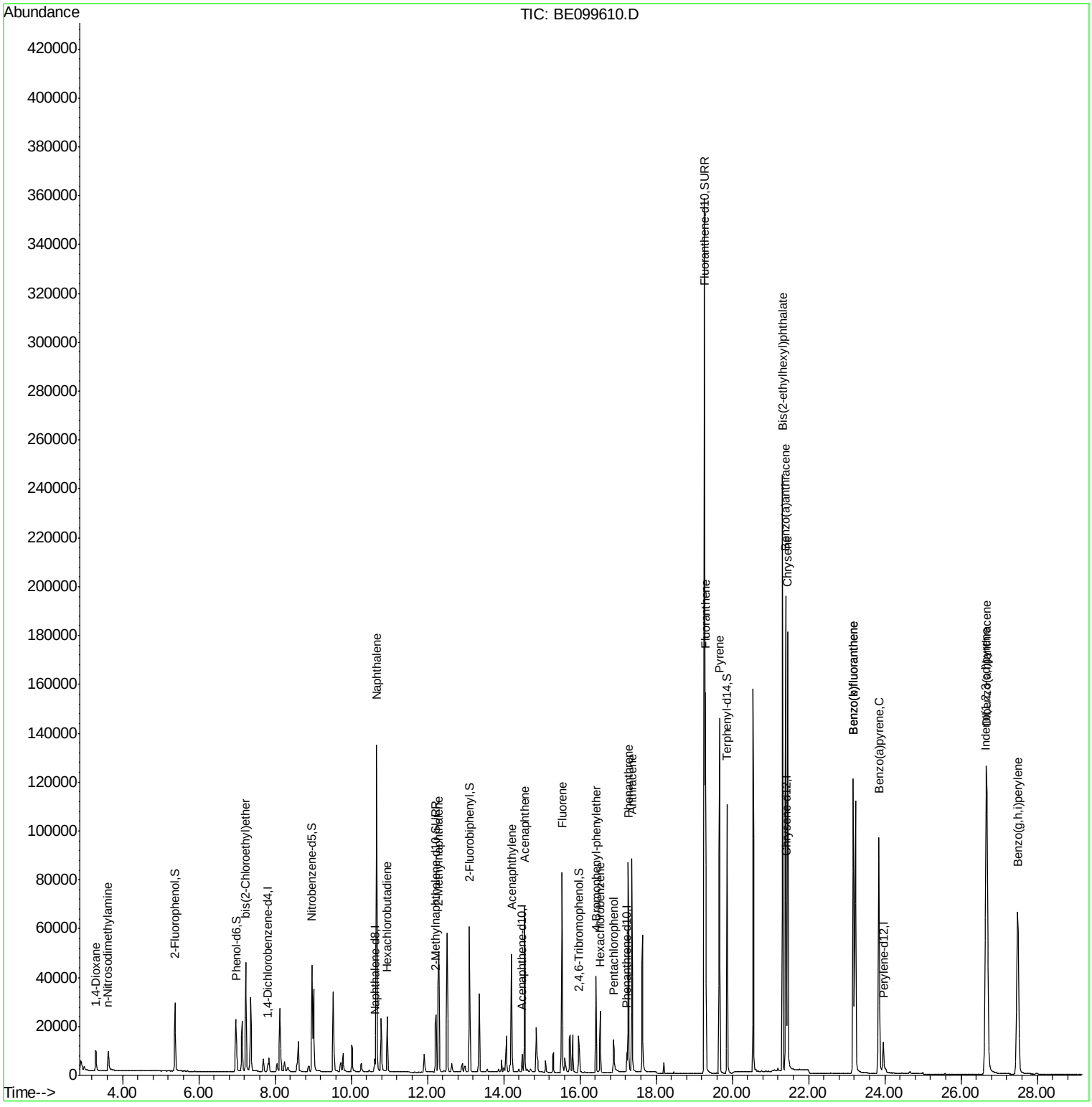
(#) = qualifier out of range (m) = manual integration (+) = signals summed

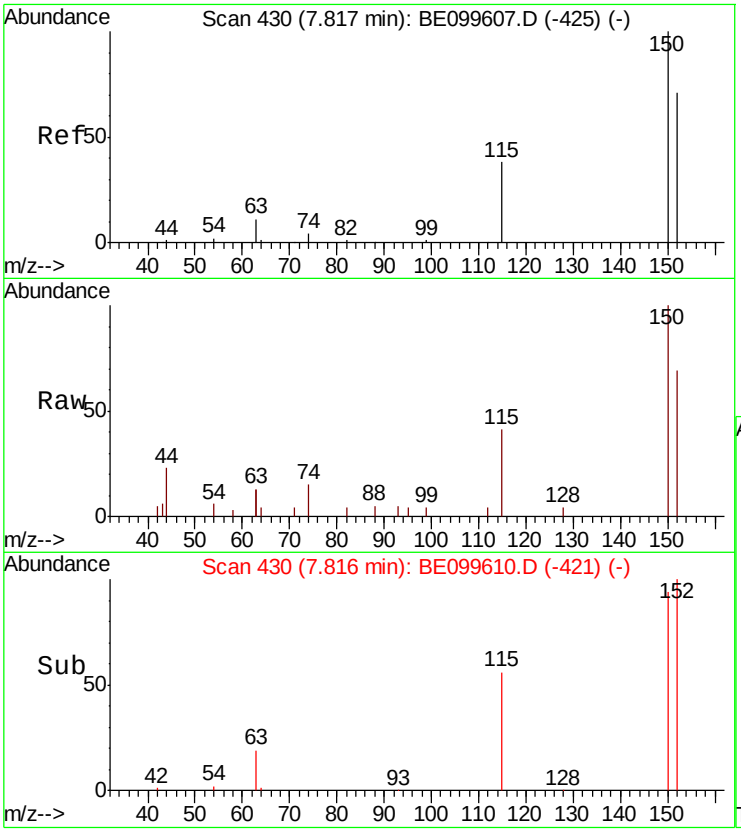
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051419\
Data File : BE099610.D
Acq On : 14 May 2019 18:19
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: May 14 19:12:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:05:18 2019
Response via : Initial Calibration



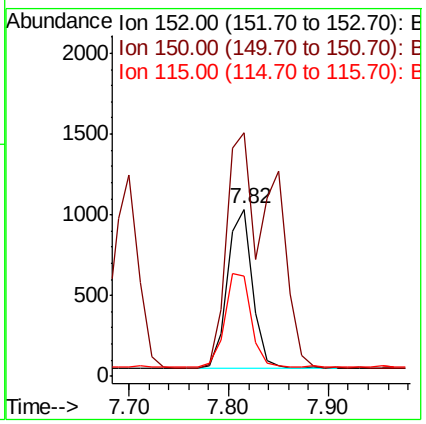


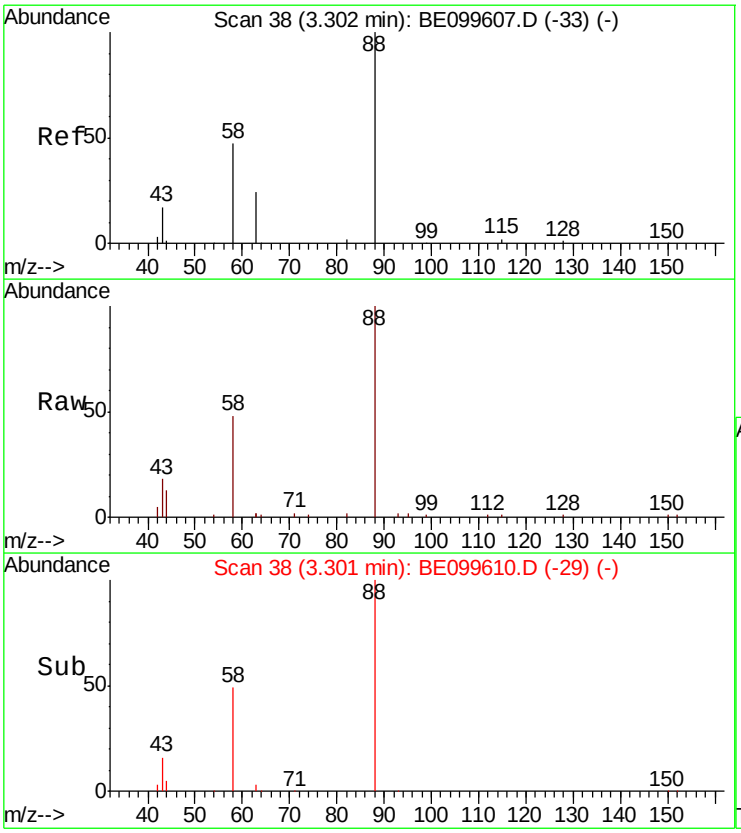
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1732

Ion	Ratio	Lower	Upper
152	100		
150	145.5	110.1	165.1
115	59.8	46.2	69.4

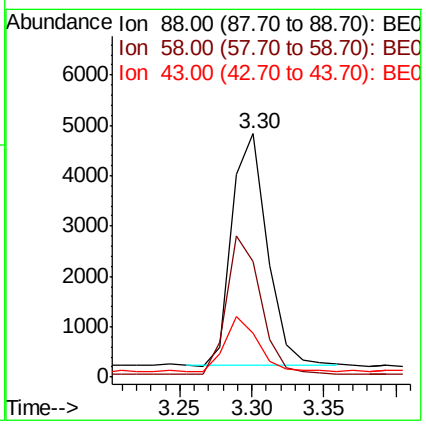


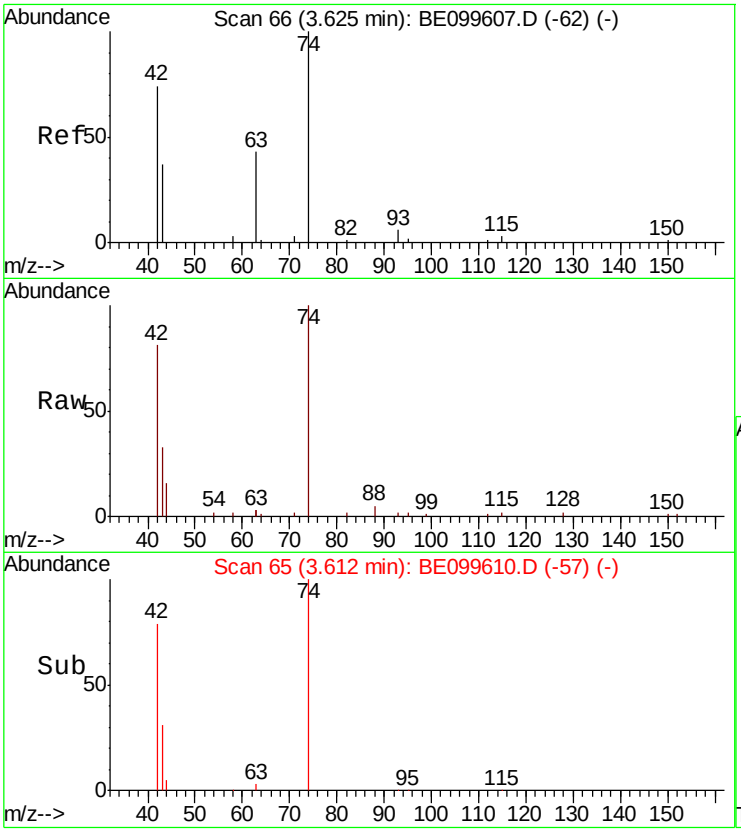


#2
1,4-Dioxane
Concen: 3.199 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion: 88 Resp: 7809

Ion	Ratio	Lower	Upper
88	100		
58	58.6	39.8	59.6
43	22.2	21.0	31.6



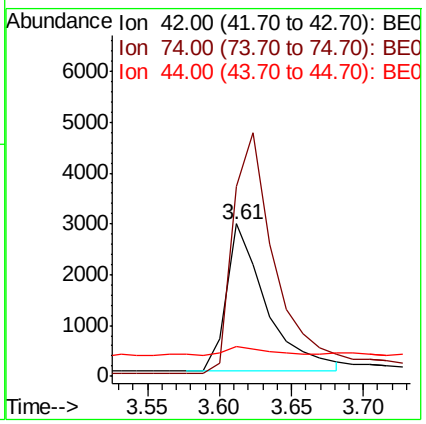


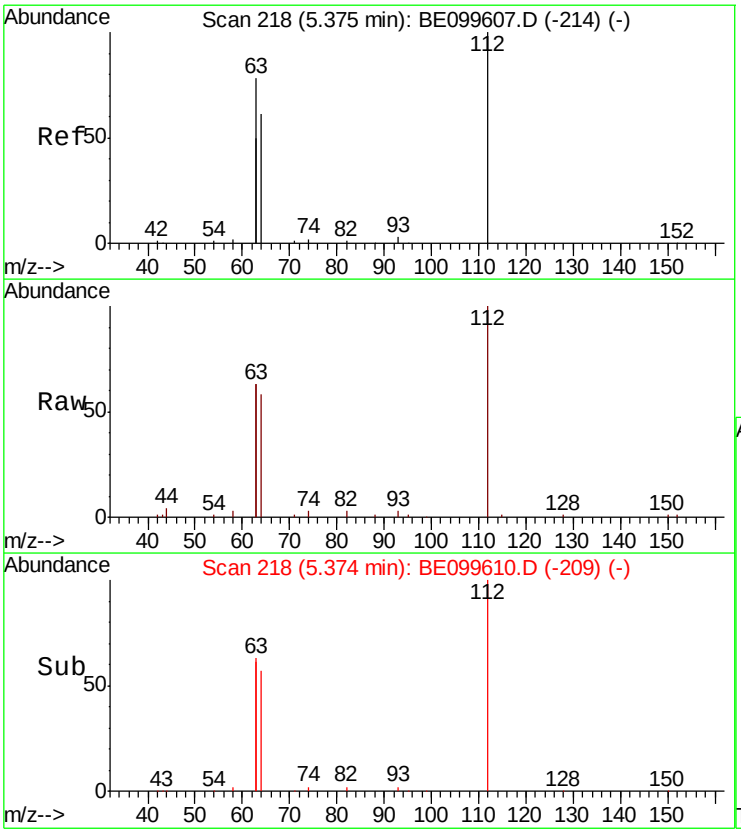
#3
n-Nitrosodimethylamine
Concen: 3.709 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.01 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 5607

Ion	Ratio	Lower	Upper
42	100		
74	174.0	134.7	202.1
44	7.1	12.5	18.7#

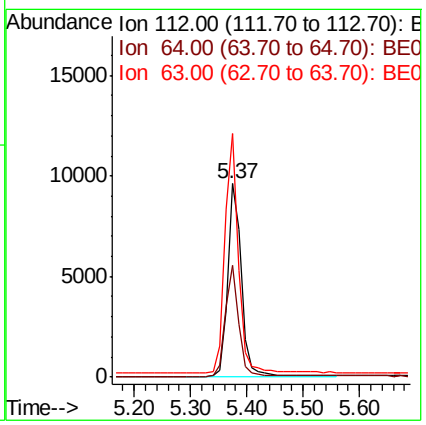


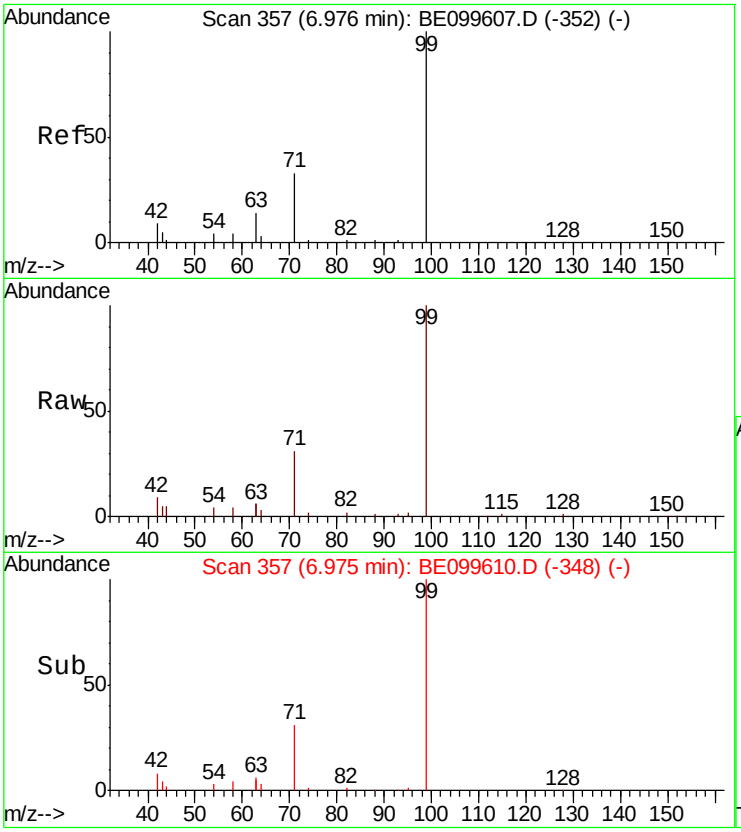


#4
2-Fluorophenol
Concen: 3.422 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:112 Resp: 16218

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.7	65.5
63	123.0	94.0	141.0



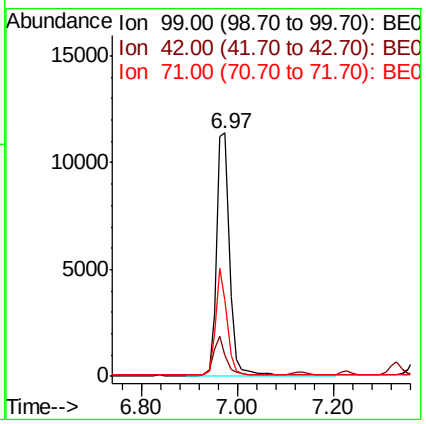


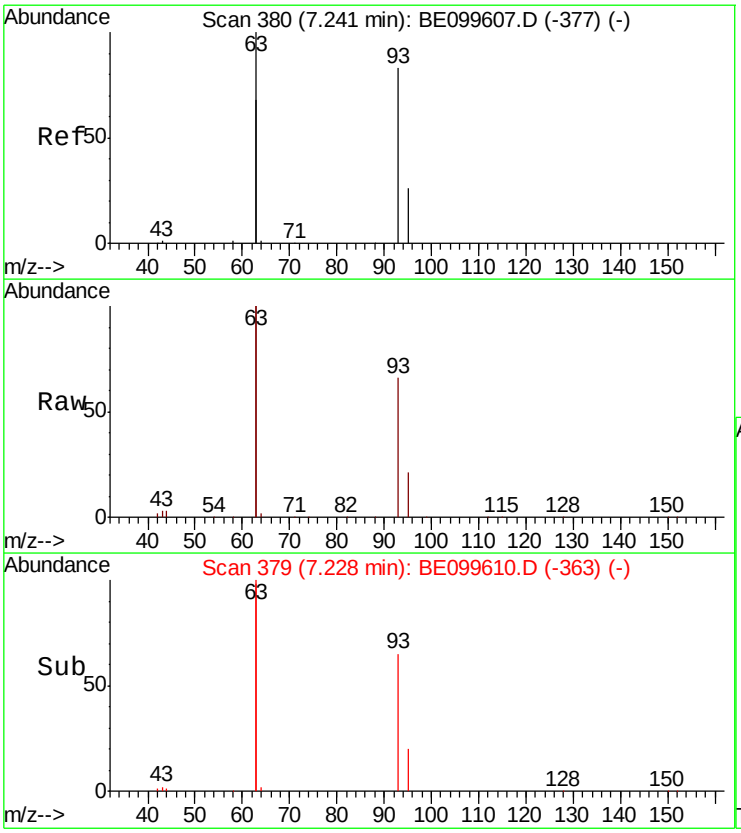
#5
Phenol-d6
Concen: 3.485 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 21687

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.3	21.5
71	38.9	33.1	49.7

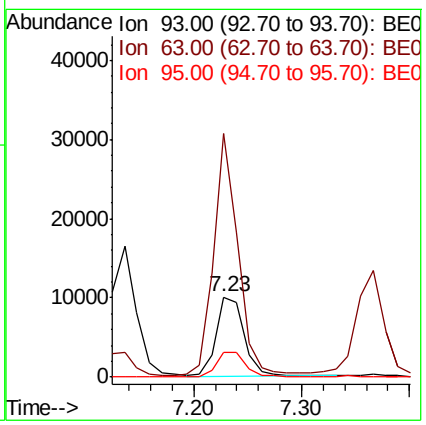


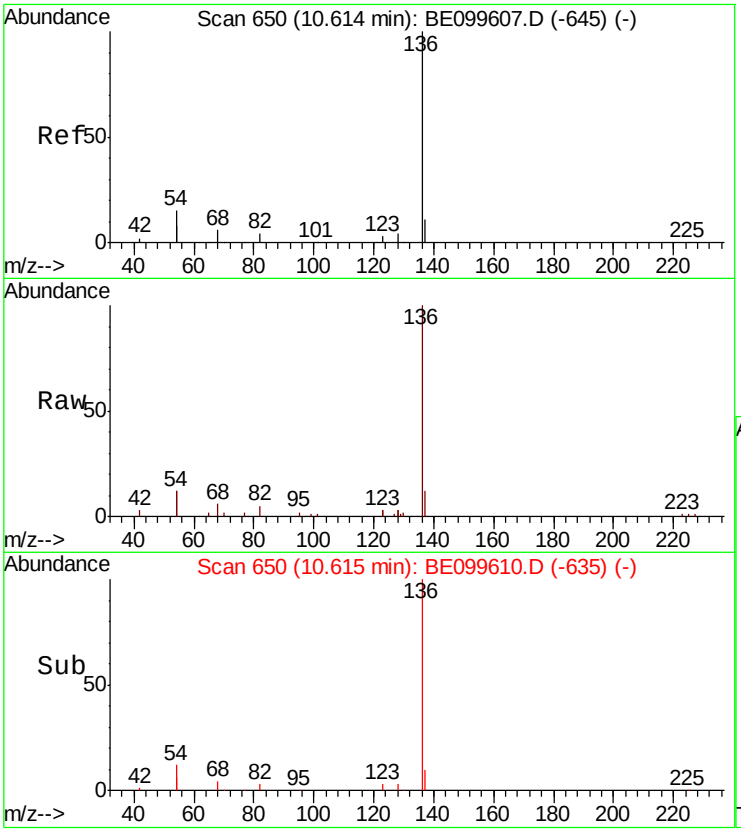


#6
bis(2-Chloroethyl)ether
Concen: 3.438 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion: 93 Resp: 17782

Ion	Ratio	Lower	Upper
93	100		
63	267.3	201.0	301.4
95	32.0	25.0	37.4



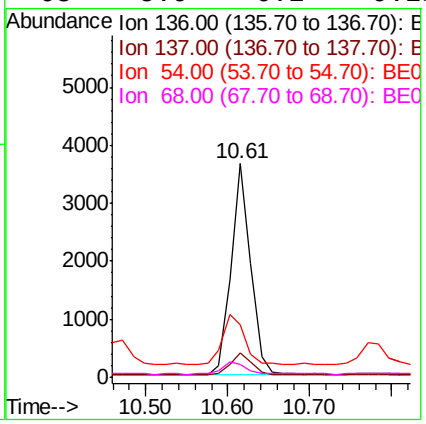


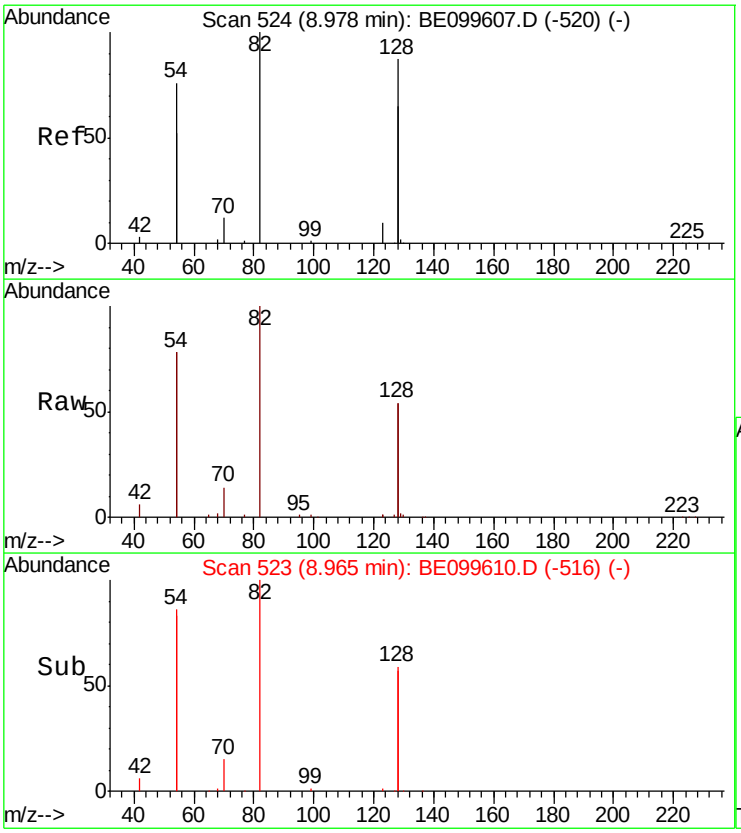
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 6043

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	24.4	23.8	35.8
68	5.9	6.2	9.2#

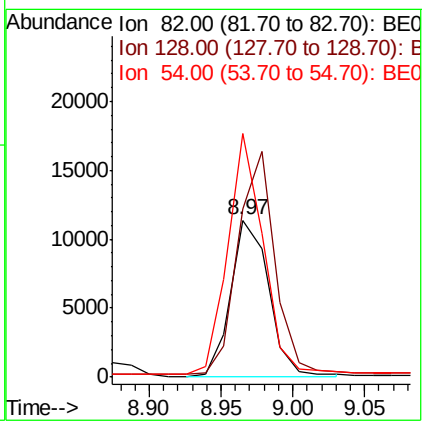


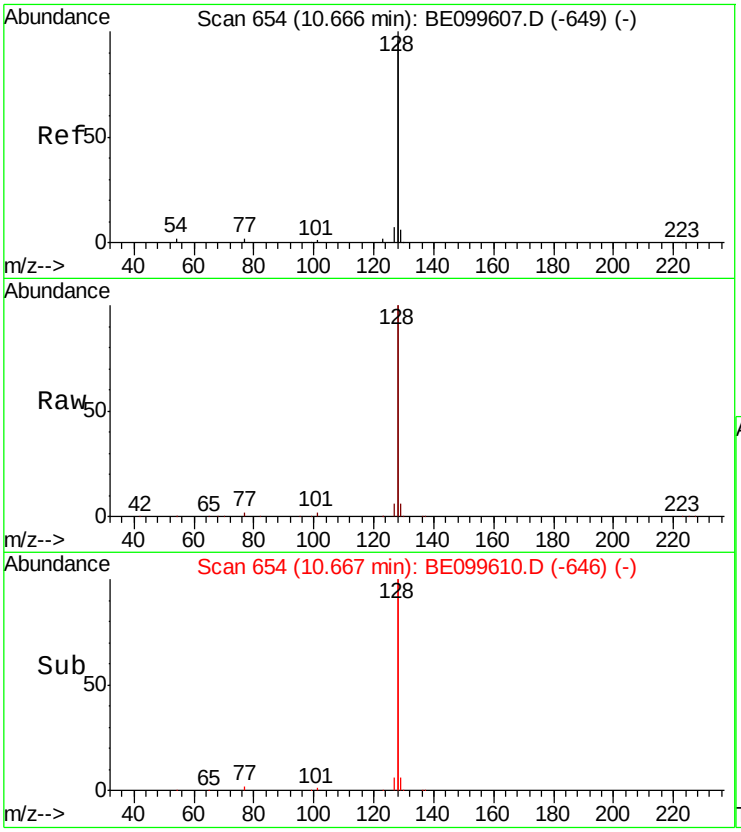


#8
Nitrobenzene-d5
Concen: 3.649 ng
RT: 8.97 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion: 82 Resp: 20692

Ion	Ratio	Lower	Upper
82	100		
128	107.7	131.4	197.2#
54	155.4	113.9	170.9



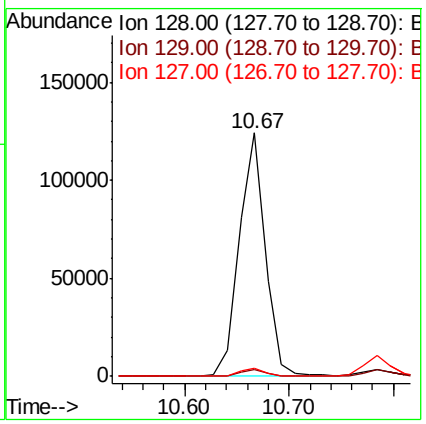


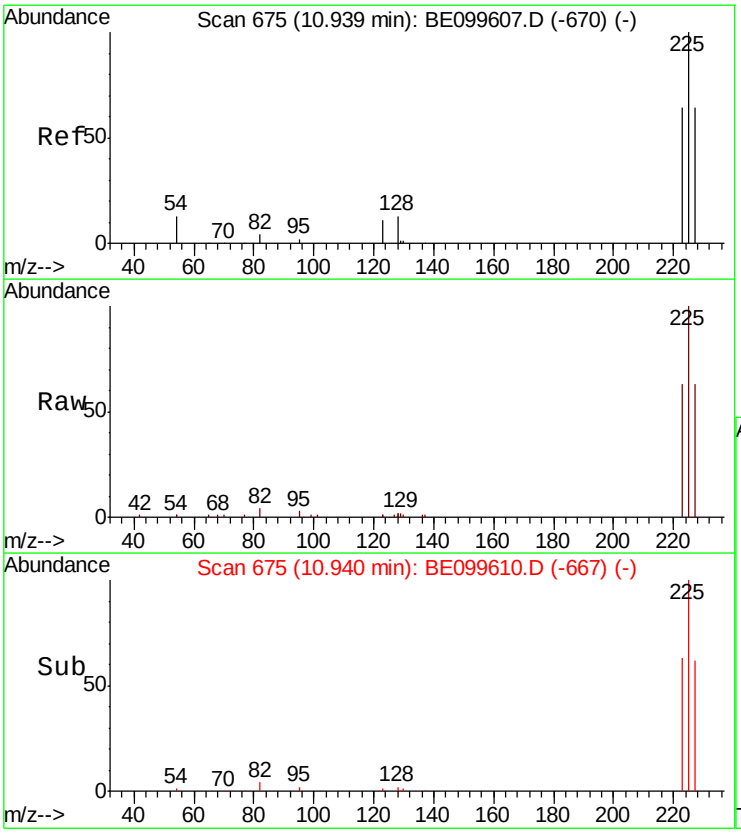
#9
Naphthalene
Concen: 3.331 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 214484

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	4.0
127	3.2	3.0	4.6

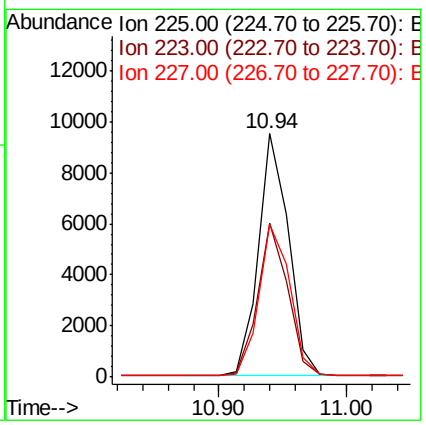


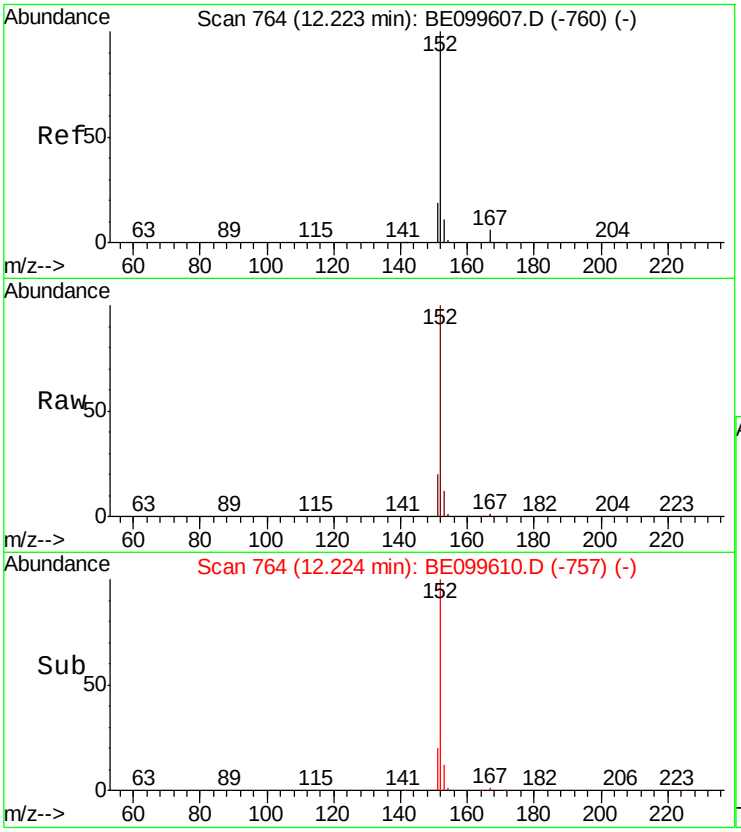


#10
Hexachlorobutadiene
Concen: 3.350 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:225 Resp: 15570

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.8
227	64.3	51.2	76.8



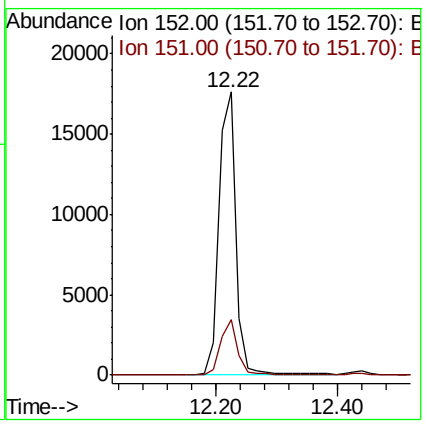


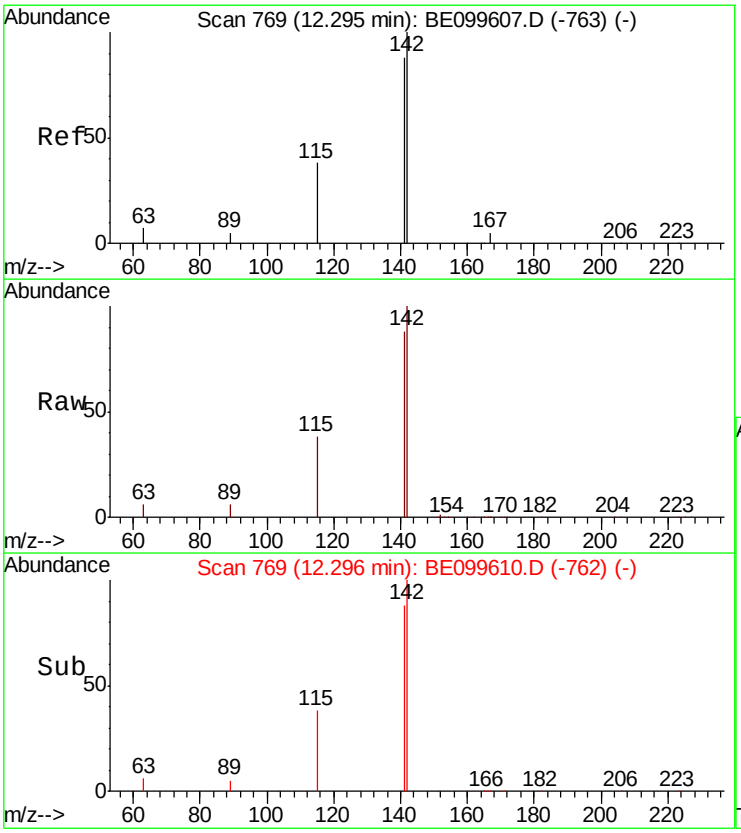
#11
2-Methylnaphthalene-d10
Concen: 3.368 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 34066

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9

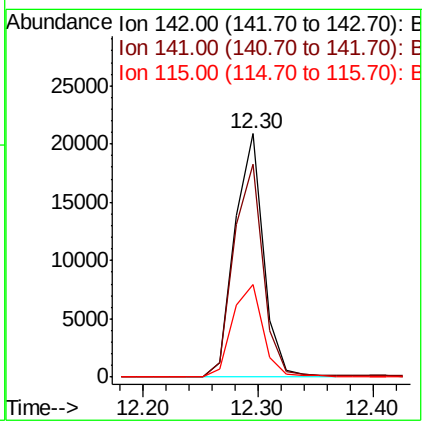


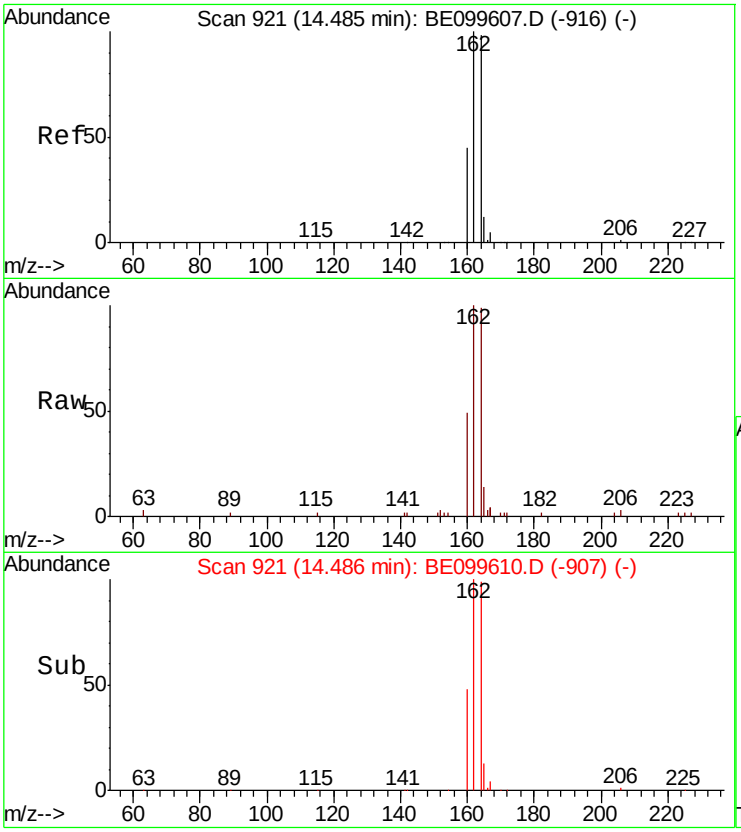


#12
2-Methylnaphthalene
Concen: 3.422 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:142 Resp: 35989

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	38.1	32.2	48.4



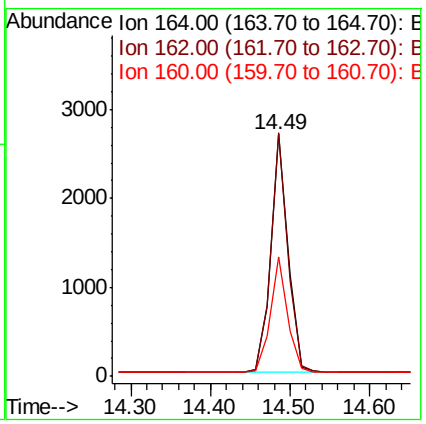


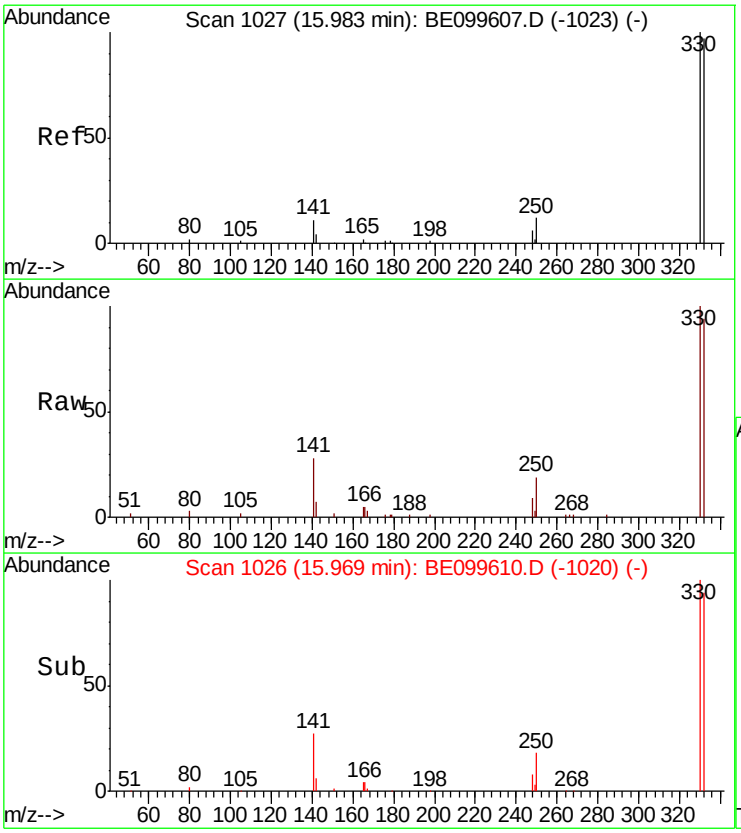
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 4019

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	49.2	37.4	56.2

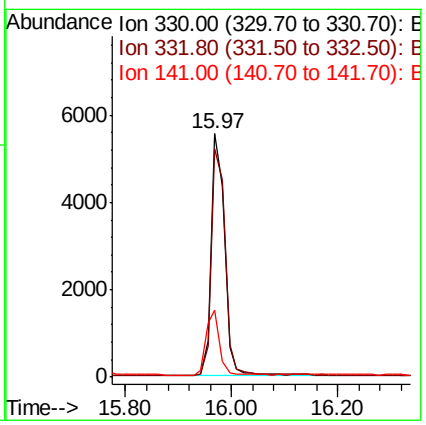


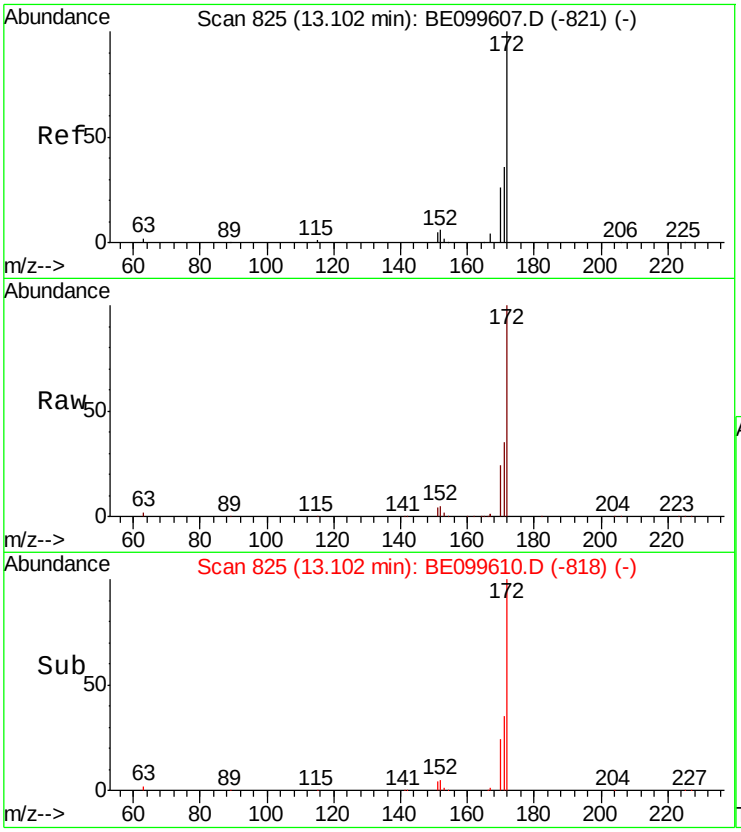


#14
2,4,6-Tribromophenol
Concen: 3.946 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:330 Resp: 9406

Ion	Ratio	Lower	Upper
330	100		
332	97.8	73.8	110.8
141	27.6	21.0	31.6



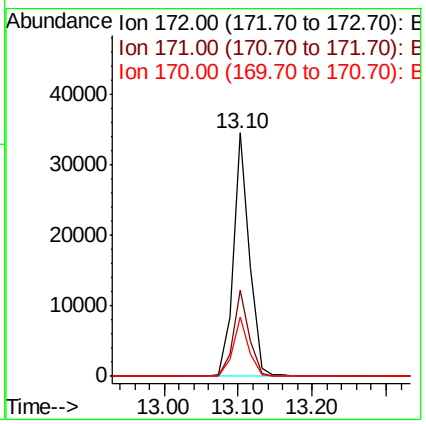


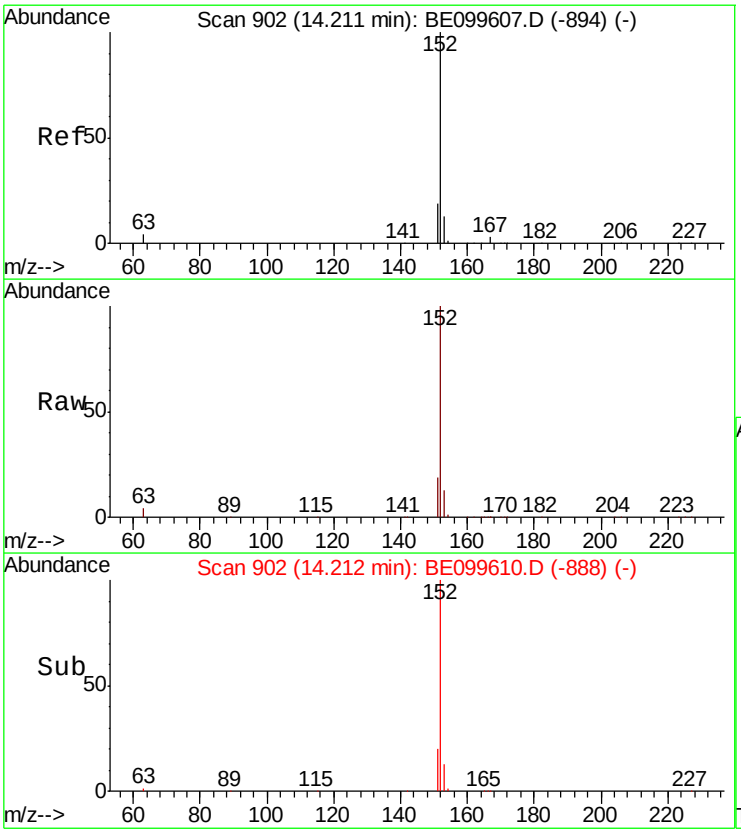
#15
2-Fluorobiphenyl
Concen: 3.335 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 51960

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.2
170	24.3	21.5	32.3

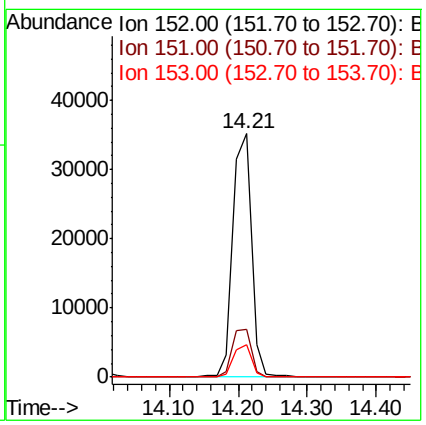


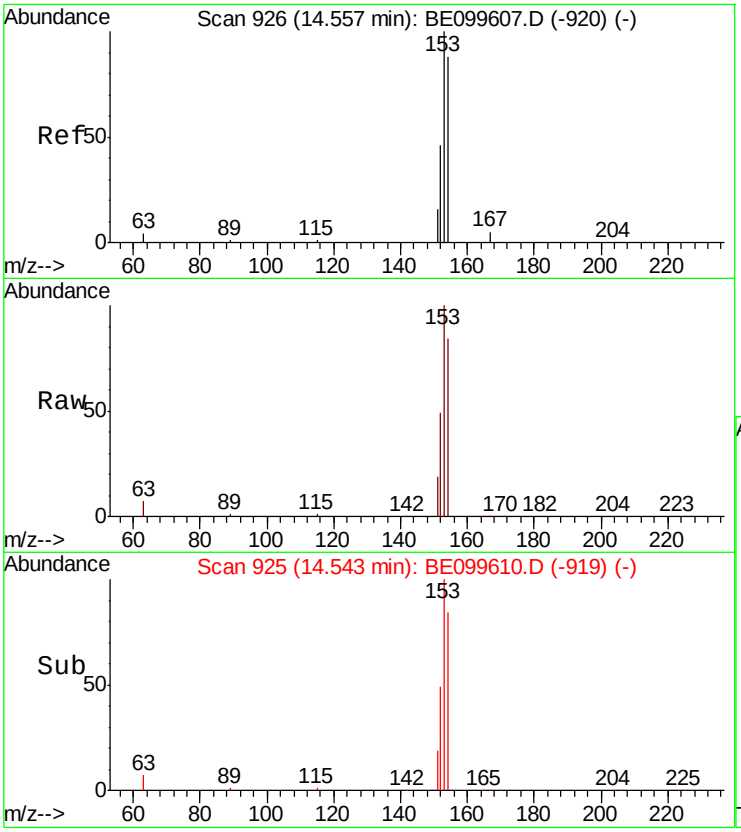


#16
Acenaphthylene
Concen: 3.362 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:152 Resp: 65412

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.6	23.4
153	12.9	10.4	15.6



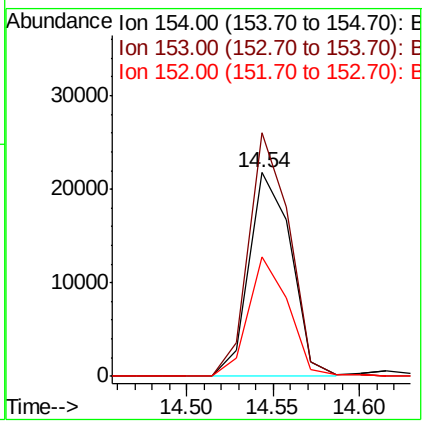


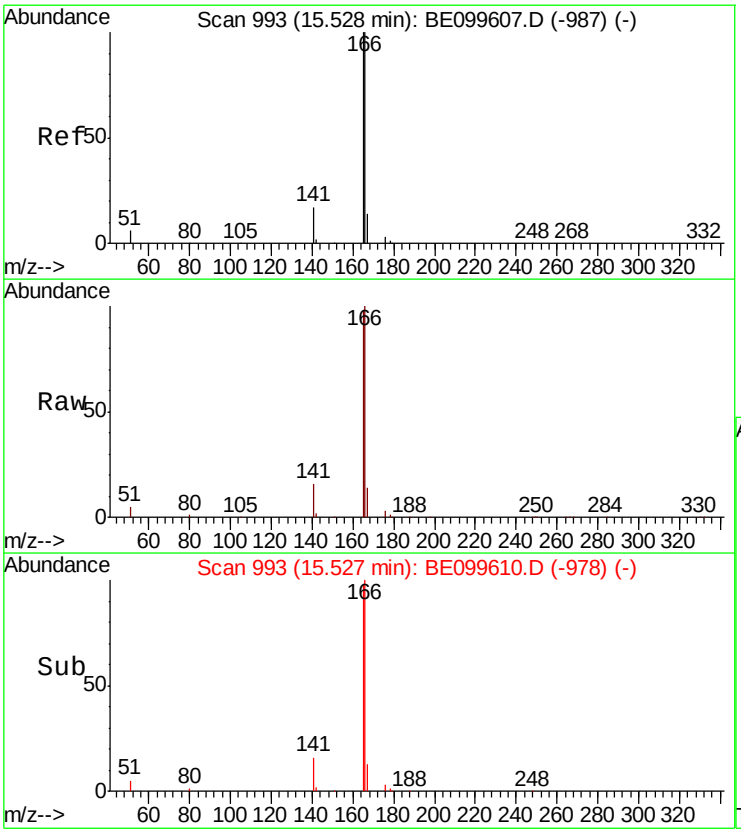
#17
Acenaphthene
Concen: 3.394 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 36879

Ion	Ratio	Lower	Upper
154	100		
153	115.5	94.1	141.1
152	55.7	46.5	69.7

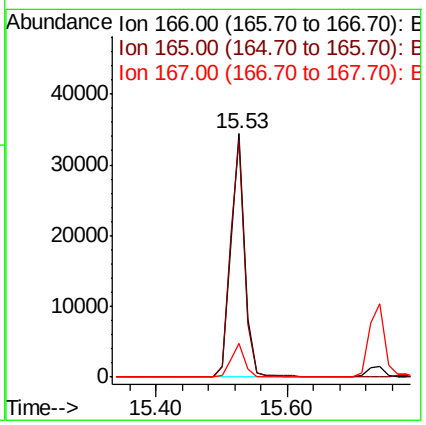


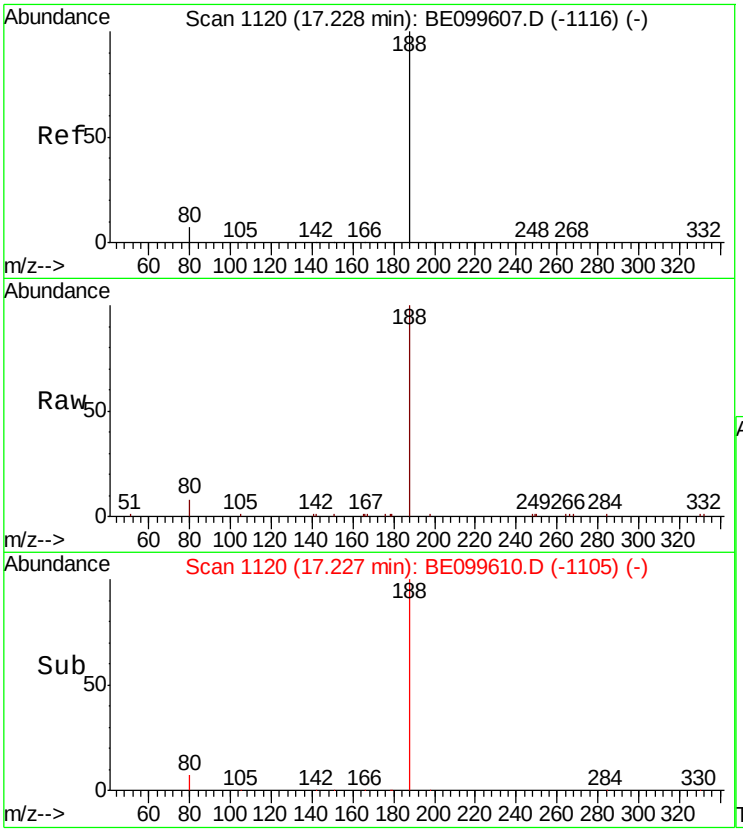


#18
Fluorene
Concen: 3.349 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:166 Resp: 51909

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	13.4	11.2	16.8



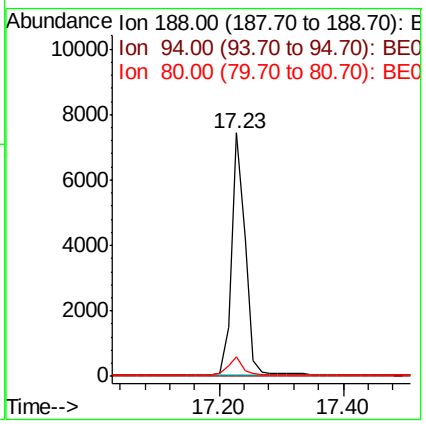


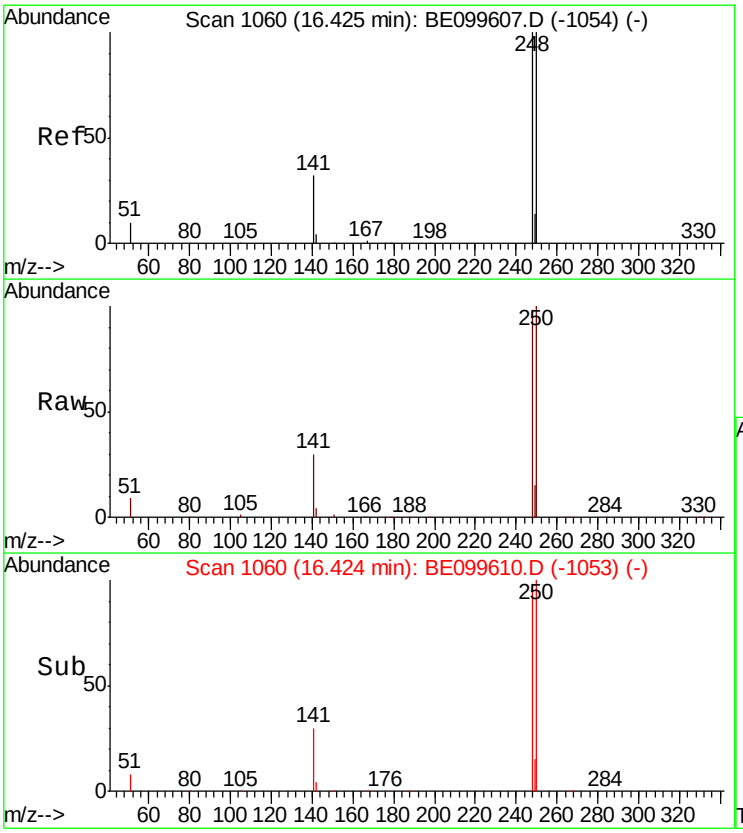
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 11093

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.4	9.6

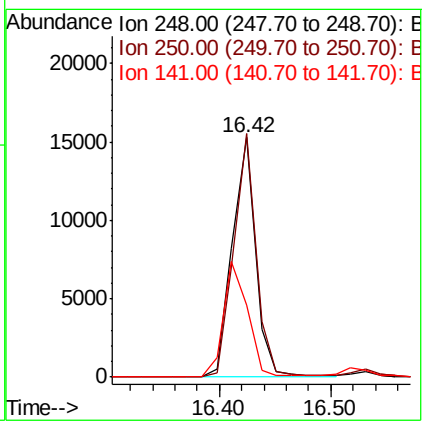


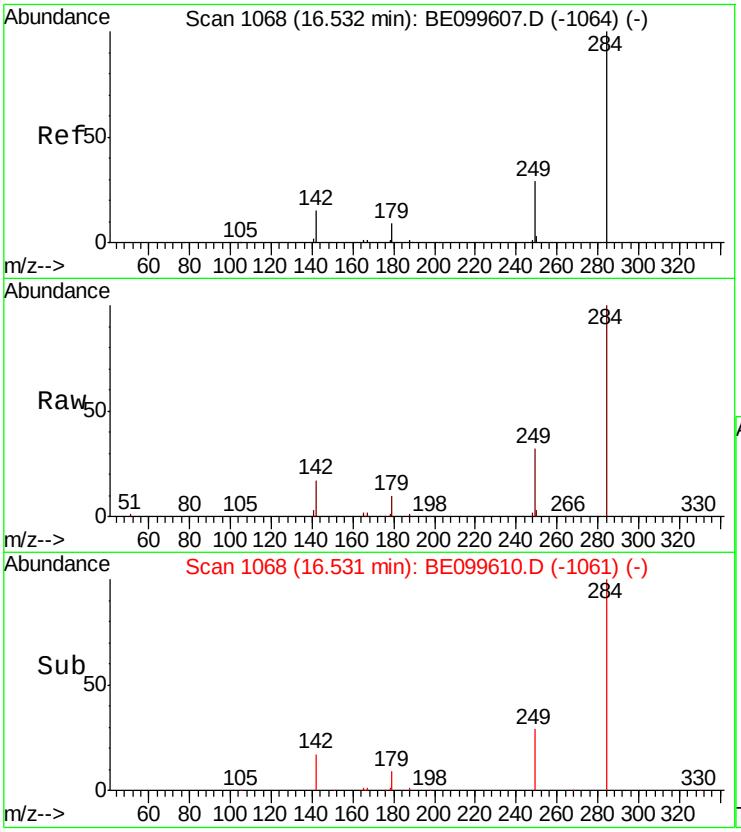


#20
4-Bromophenyl-phenylether
Concen: 3.473 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:248 Resp: 21975

Ion	Ratio	Lower	Upper
248	100		
250	101.8	80.4	120.6
141	30.3	27.8	41.8



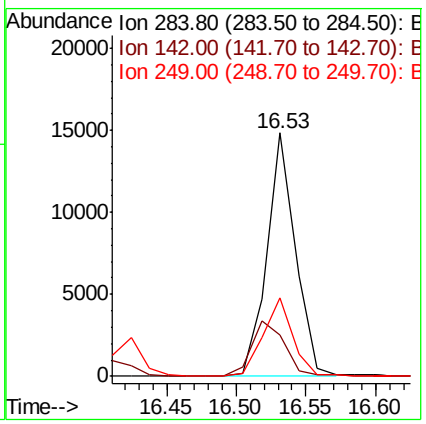


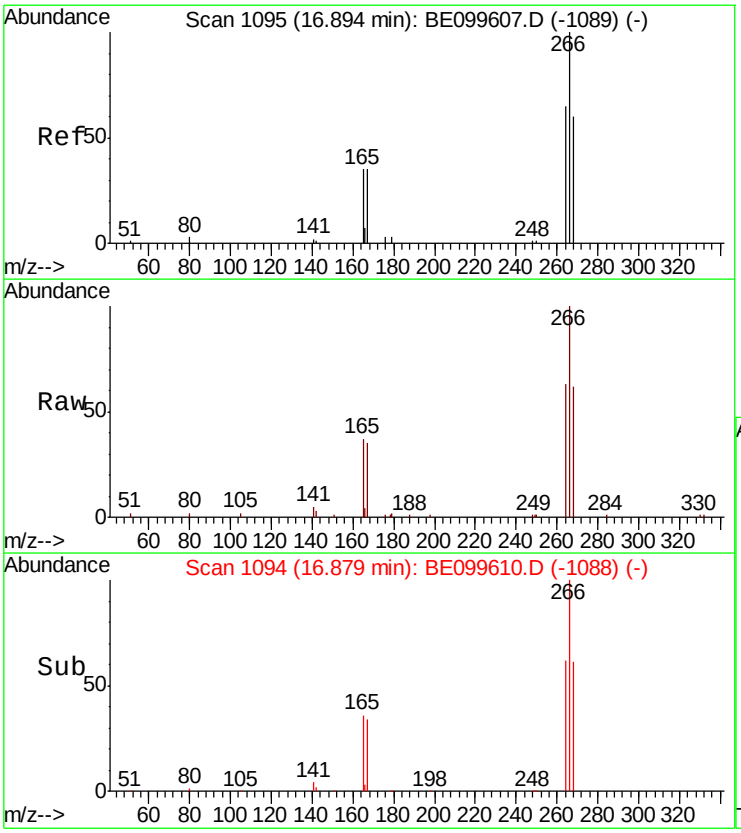
#21
Hexachlorobenzene
Concen: 3.318 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 21080

Ion	Ratio	Lower	Upper
284	100		
142	25.4	19.4	29.2
249	32.4	24.6	37.0

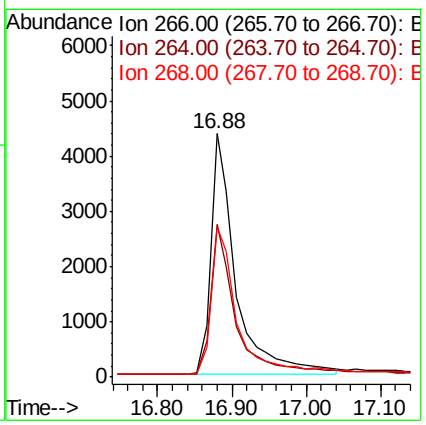


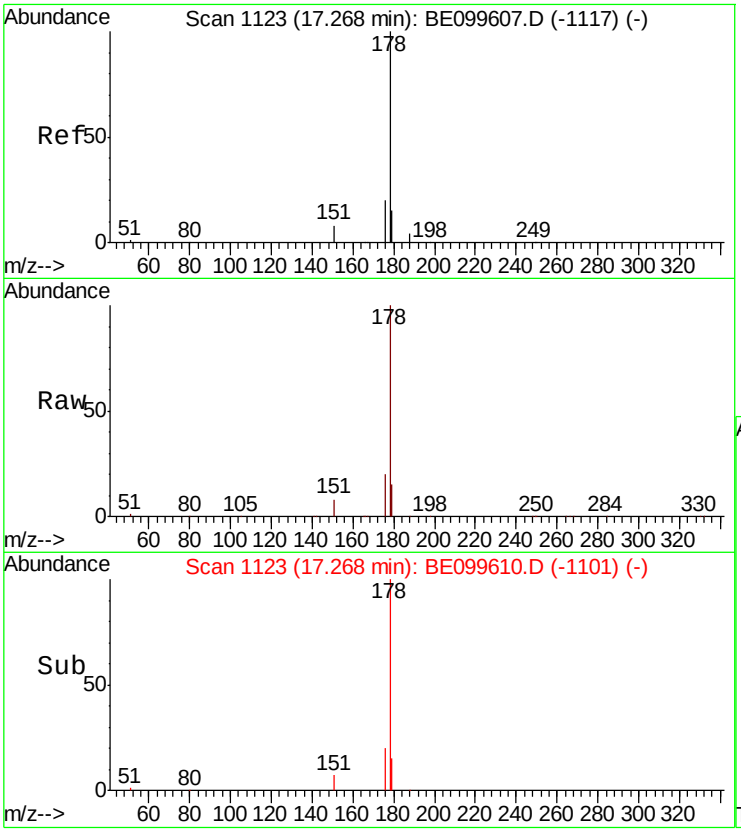


#22
Pentachlorophenol
Concen: 4.058 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:266 Resp: 10307

Ion	Ratio	Lower	Upper
266	100		
264	62.5	57.7	86.5
268	61.7	55.8	83.8



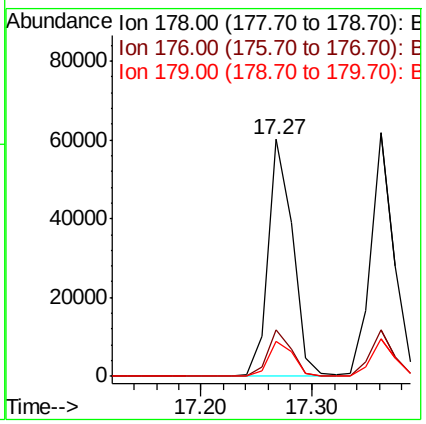


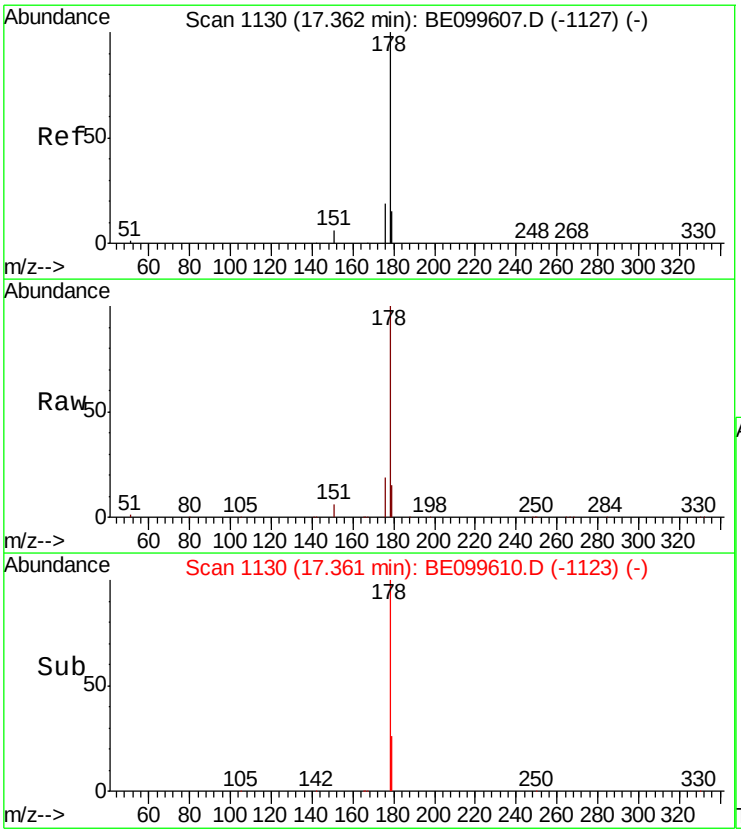
#23
Phenanthrene
Concen: 3.356 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 92412

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.2	12.2	18.2

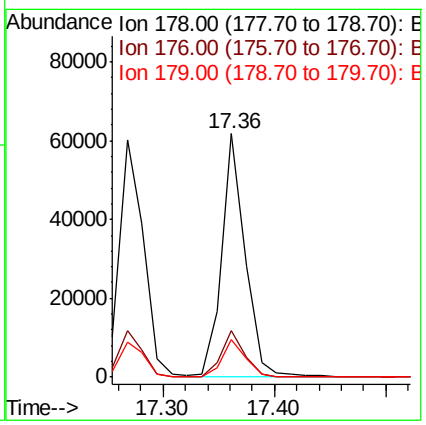


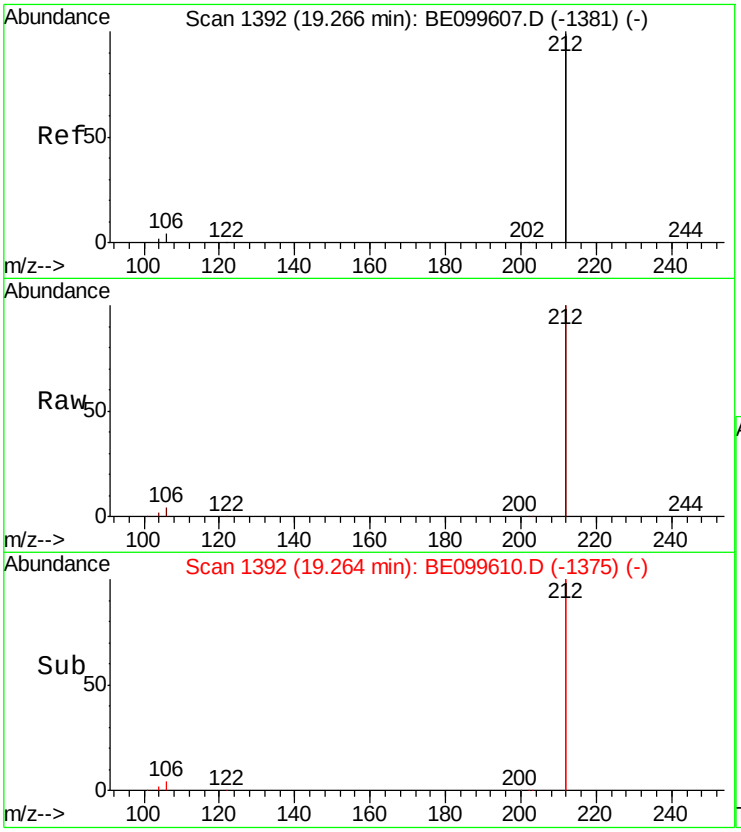


#24
Anthracene
Concen: 3.459 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:178 Resp: 89425

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.1	18.1



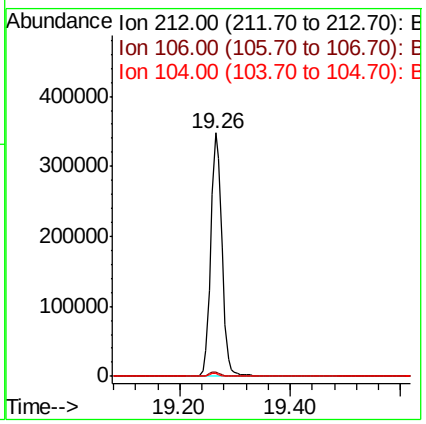


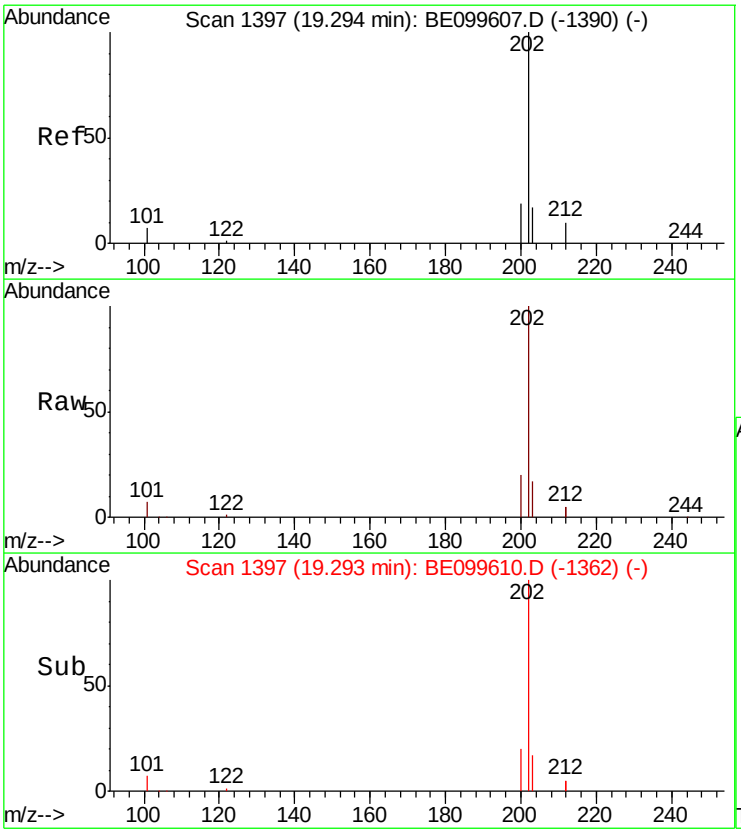
#25
Fluoranthene-d10
Concen: 3.330 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 485784

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

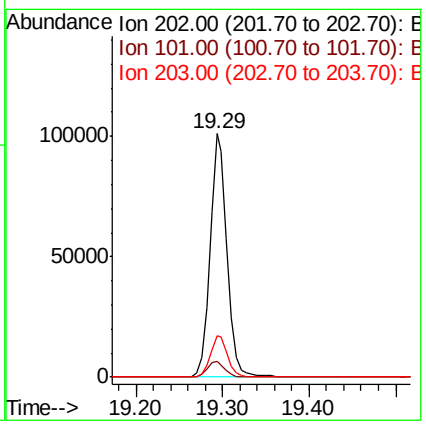


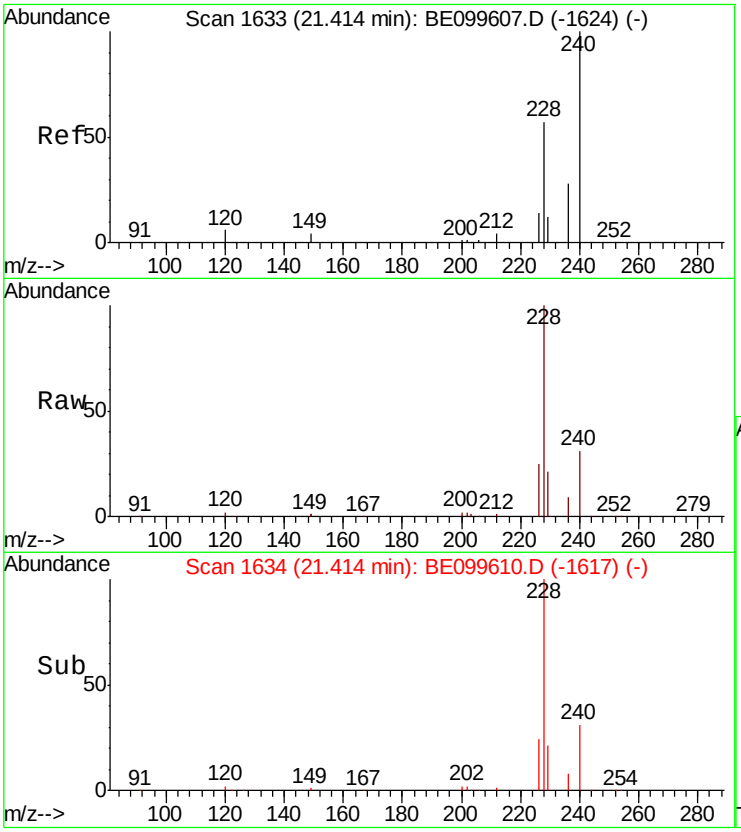


#26
Fluoranthene
Concen: 3.330 ng
RT: 19.29 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:202 Resp: 137953

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.0	7.6
203	17.5	13.7	20.5



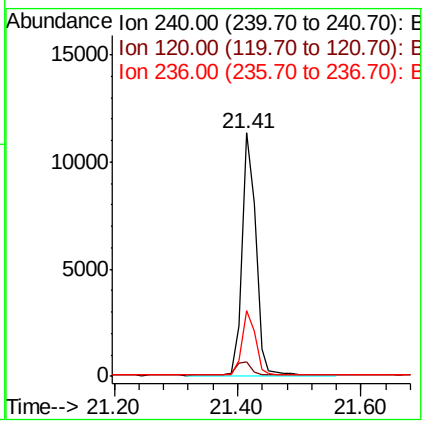


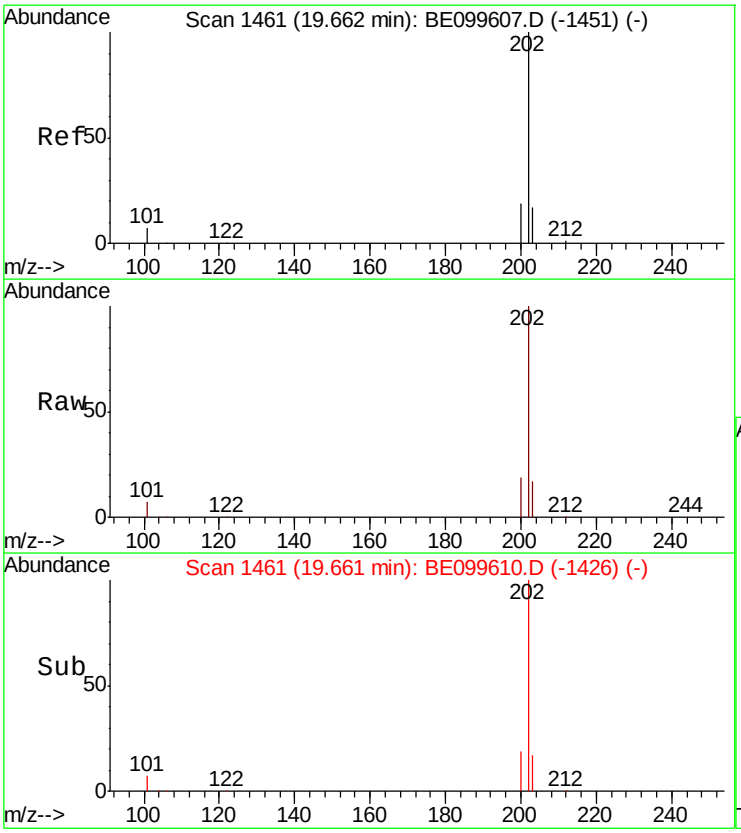
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 17175

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	27.2	22.8	34.2

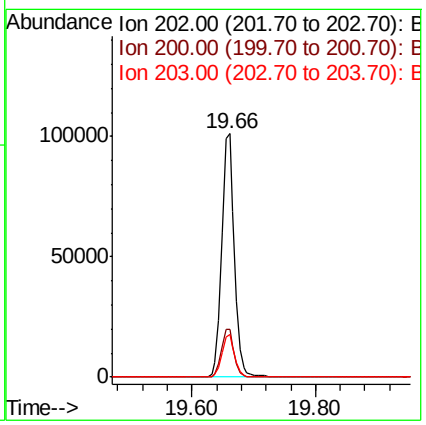


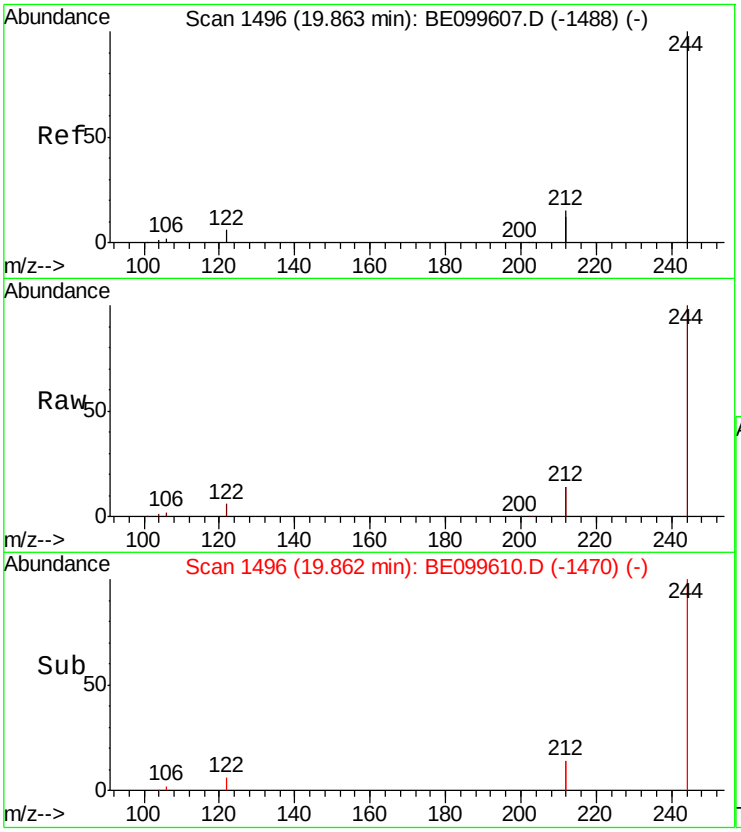


#28
Pyrene
Concen: 3.156 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:202 Resp: 142840

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.6
203	17.5	14.1	21.1



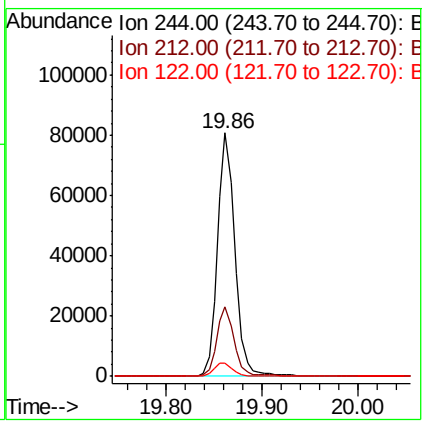


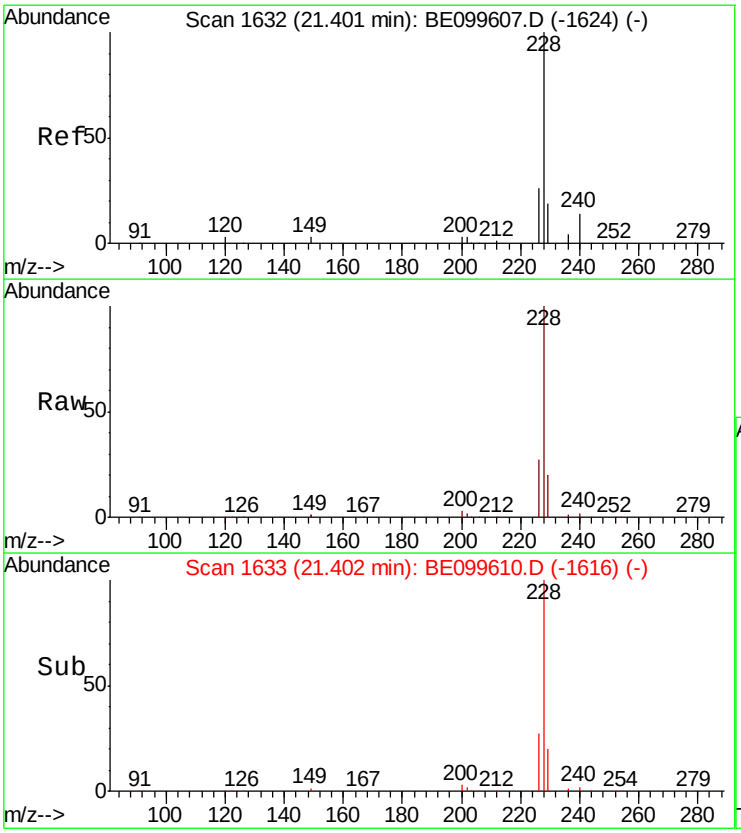
#29
Terphenyl-d14
Concen: 3.341 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 101982

Ion	Ratio	Lower	Upper
244	100		
212	28.3	23.8	35.6
122	5.6	5.0	7.6

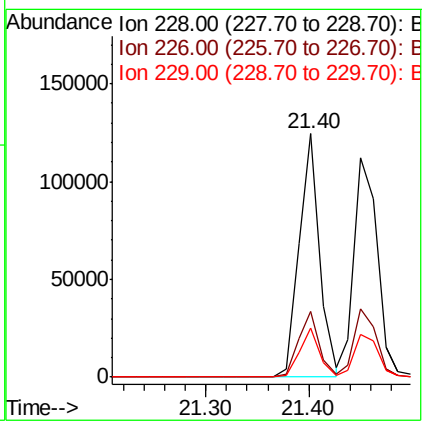


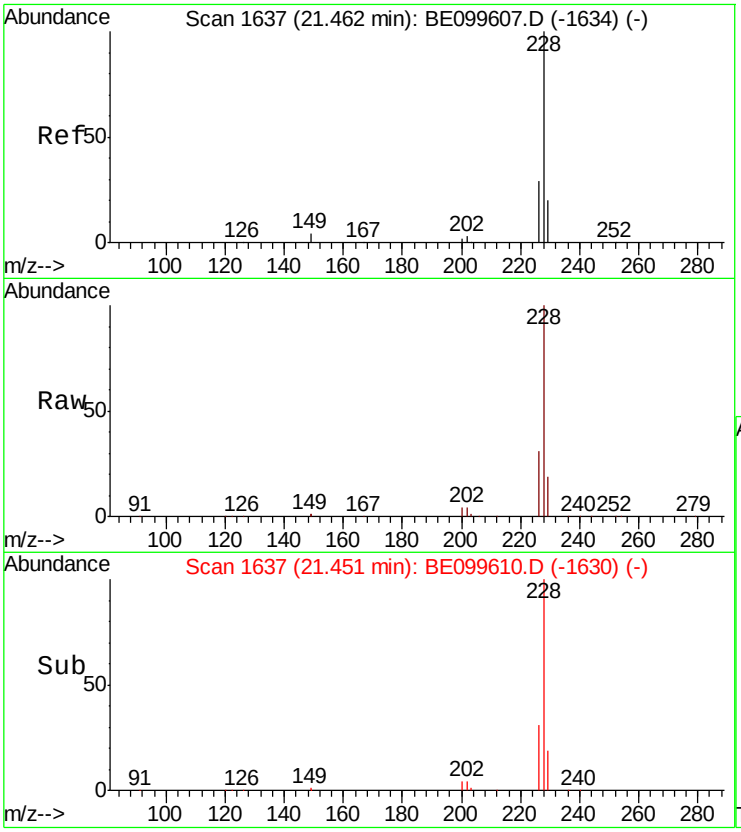


#30
Benzo(a)anthracene
Concen: 3.292 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:228 Resp: 172653

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.2
229	20.0	15.8	23.8



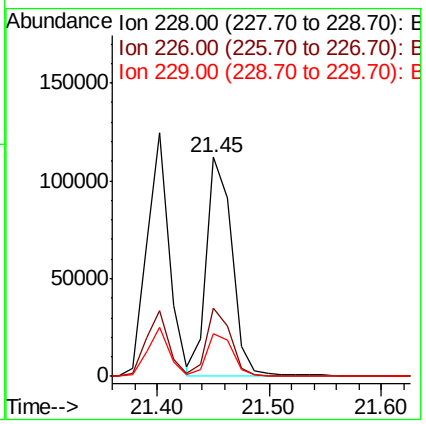


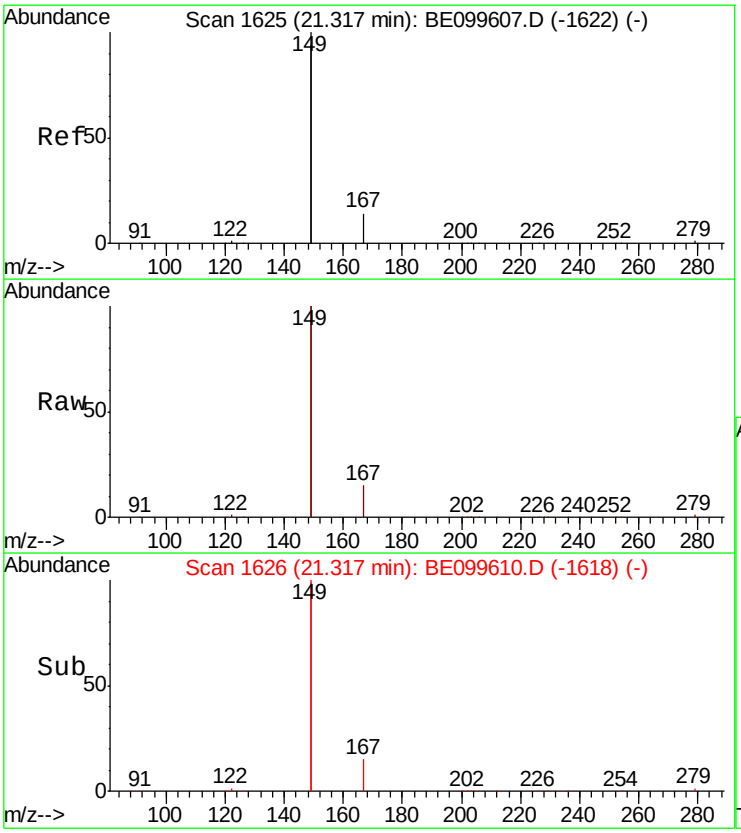
#31
Chrysene
Concen: 3.326 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 174374

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.0	34.4
229	19.4	16.4	24.6

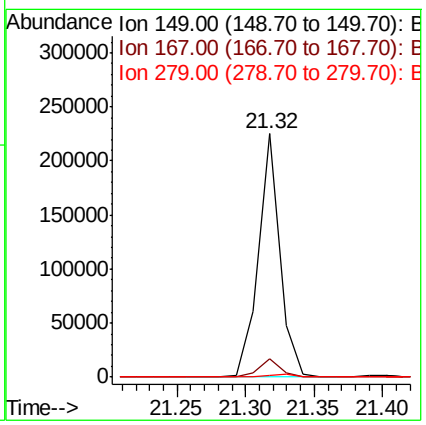


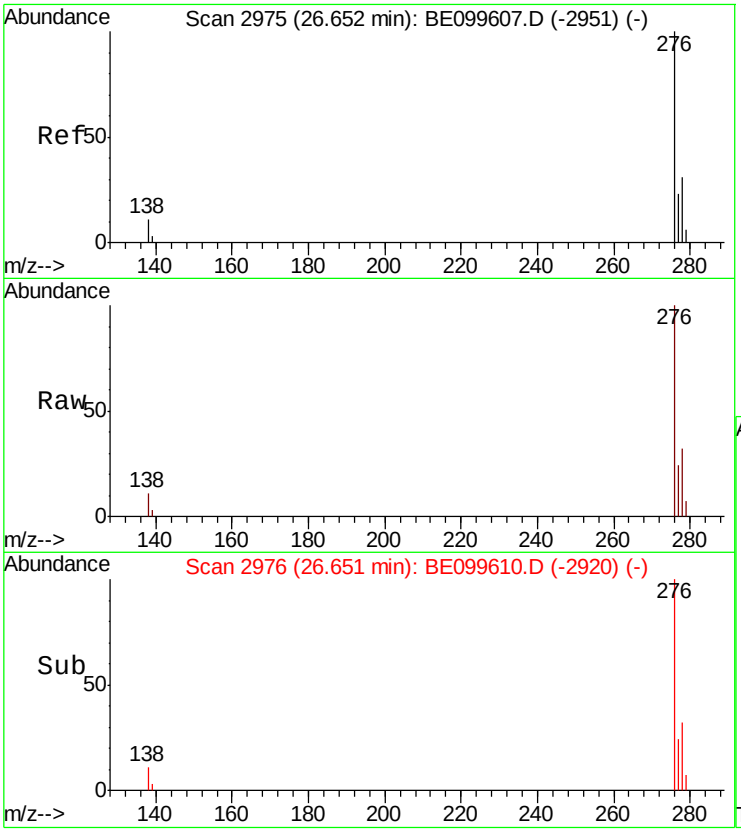


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.232 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:149 Resp: 243623

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.4	1.1	1.7



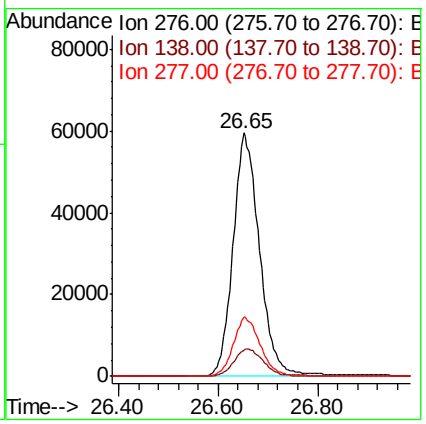


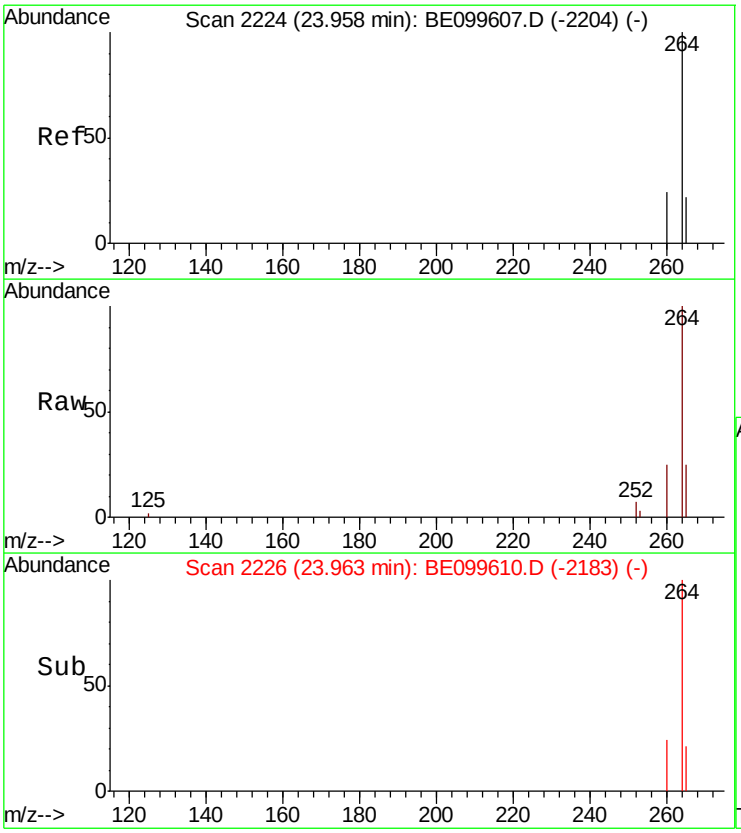
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.337 ng
RT: 26.65 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 218309

Ion	Ratio	Lower	Upper
276	100		
138	12.4	10.0	15.0
277	24.8	19.1	28.7

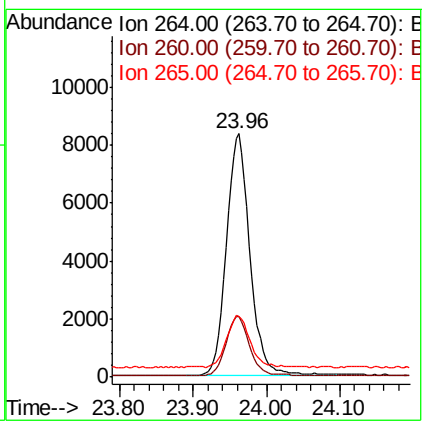


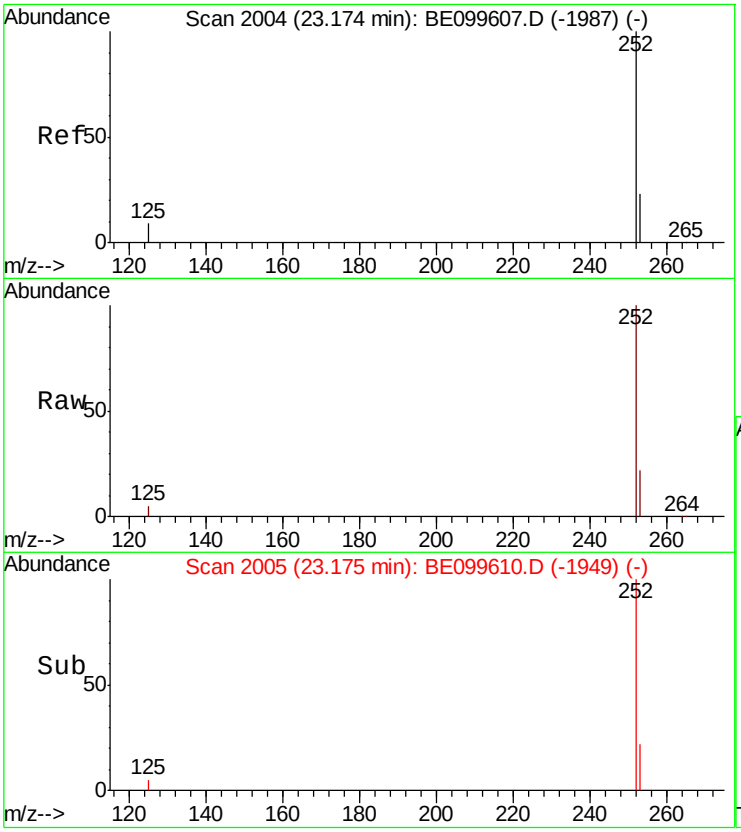


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:264 Resp: 18708

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	24.9	21.2	31.8



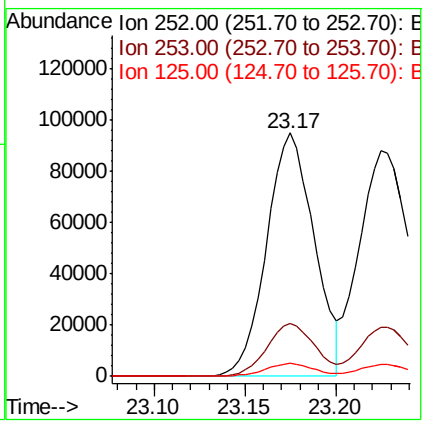


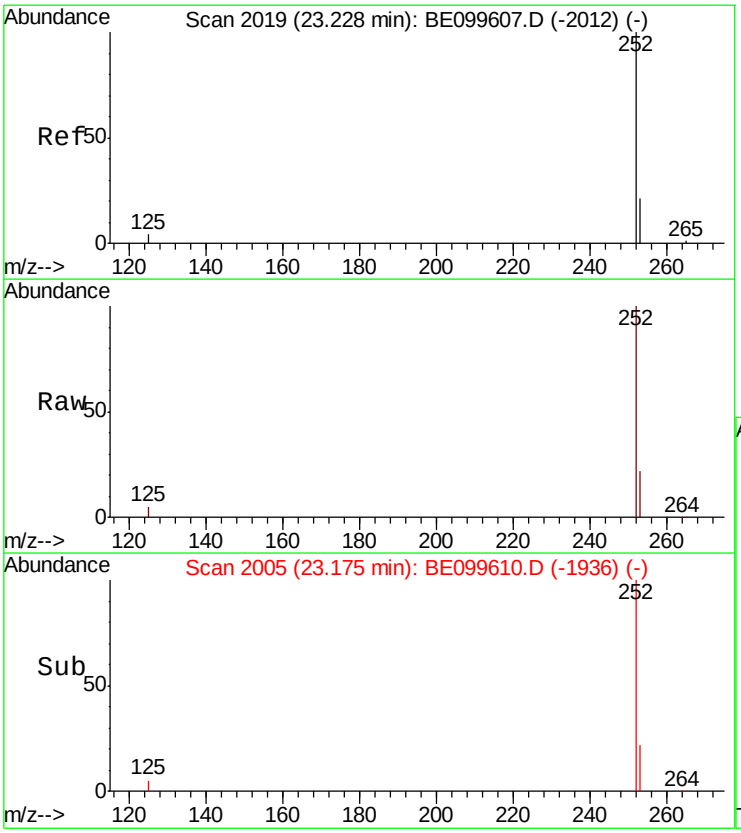
#35
Benzo(b)fluoranthene
Concen: 3.329 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 172058

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.1	28.7
125	5.3	7.8	11.8#

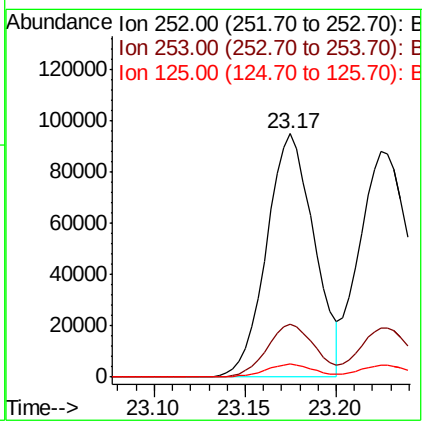


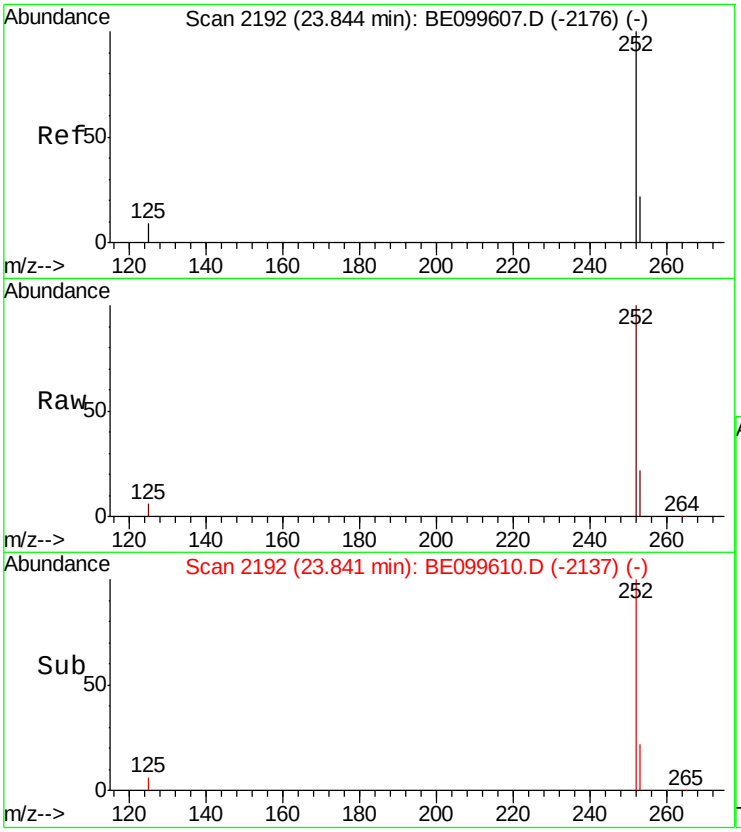


#36
Benzo(k)fluoranthene
Concen: 3.349 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.05 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:252 Resp: 172058

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	28.0
125	5.3	5.2	7.8



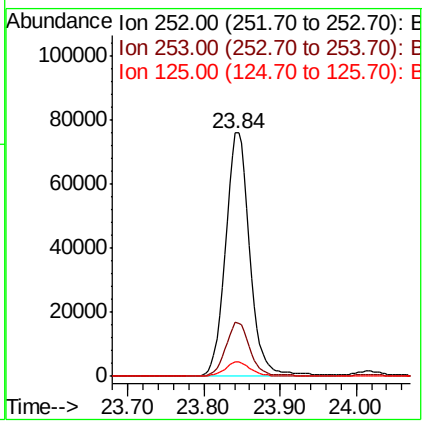


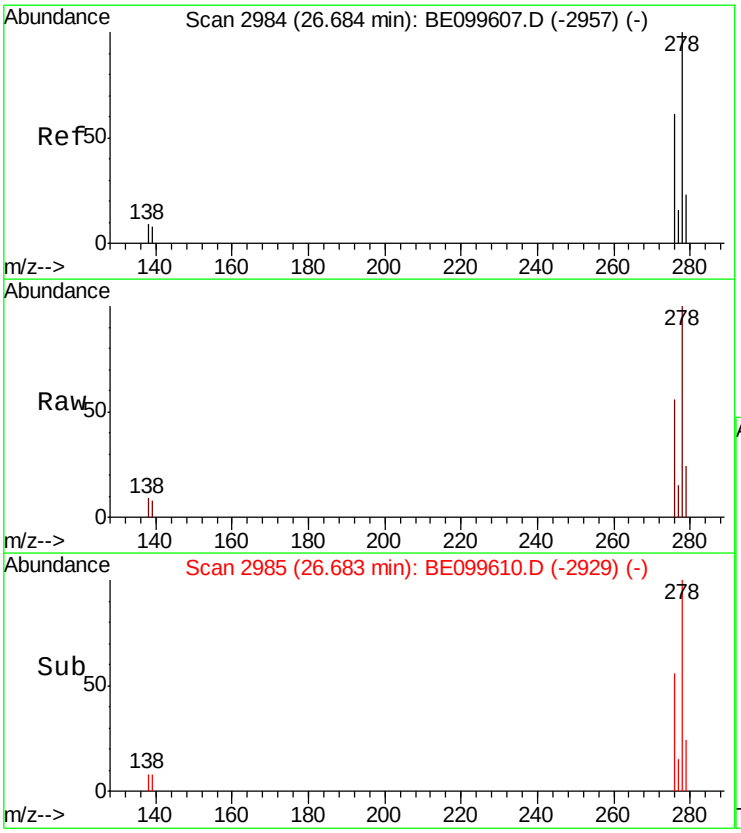
#37
Benzo(a)pyrene
Concen: 3.330 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 166735

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.6
125	5.7	8.8	13.2#

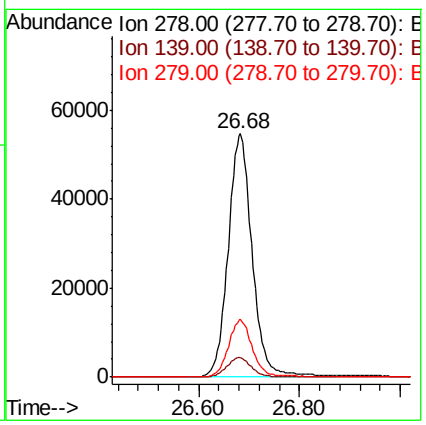


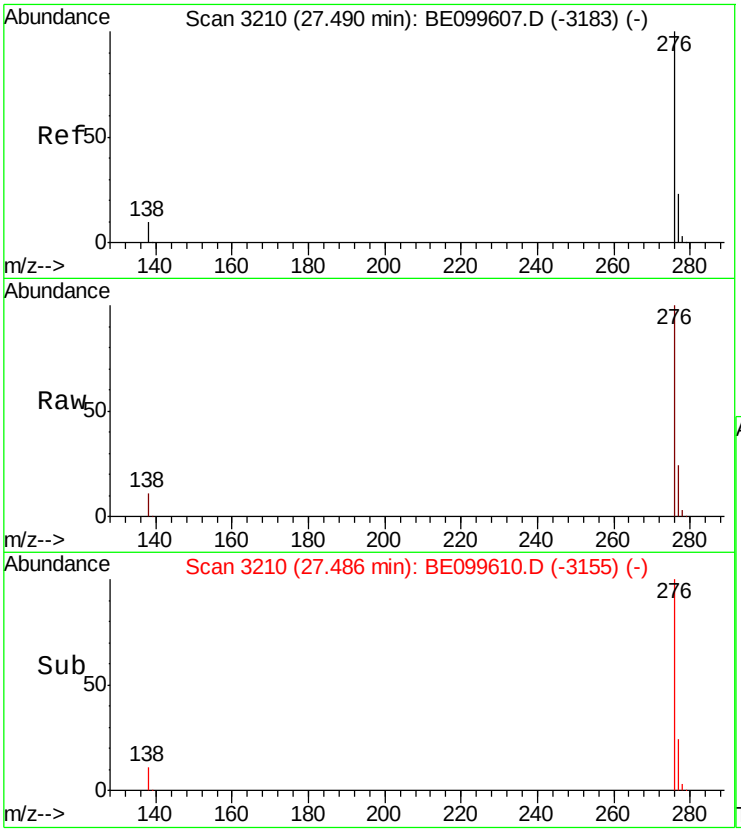


#38
Dibenzo(a,h)anthracene
Concen: 3.456 ng
RT: 26.68 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:278 Resp: 180881

Ion	Ratio	Lower	Upper
278	100		
139	8.2	7.9	11.9
279	23.6	19.5	29.3





#39
Benzo(g,h,i)perylene
Concen: 3.368 ng
RT: 27.49 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 178425

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	10.6	9.1	13.7