Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099625.D
Acq On : 16 May 2019 16:39
Operator : JU/SJ
Sample : PB119762BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119762BS

Quant Time: May 17 07:02:28 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 19:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1634	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	5659	0.40	ng		0.01
13) Acenaphthene-d10	14.50	164	3823	0.40	ng		0.01
19) Phenanthrene-d10	17.24	188	11883	0.40	ng		0.01
27) Chrysene-d12	21.43	240	17511	0.40	ng		0.01
34) Perylene-d12	23.97	264	18107	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	1571	0.34	ng		0.00
5) Phenol-d6	6.99	99	2068	0.35	ng		0.00
8) Nitrobenzene-d5	8.99	82	1826	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	4691	0.49	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	813	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	5447	0.37	ng		0.01
25) Fluoranthene-d10	19.27	212	56702	0.36	ng		0.00
29) Terphenyl-d14	19.87	244	11435	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	837	0.347	ng	#	44
3) n-Nitrosodimethylamine	3.62	42	456	0.297	ng	#	92
6) bis(2-Chloroethyl)ether	7.25	93	1640	0.332	ng		90
9) Naphthalene	10.68	128	21480	0.357	ng		99
10) Hexachlorobutadiene	10.95	225	1539	0.349	ng		99
12) 2-Methylnaphthalene	12.31	142	3562	0.358	ng		98
16) Acenaphthylene	14.21	152	6217	0.344	ng		100
17) Acenaphthene	14.56	154	3625	0.356	ng		99
18) Fluorene	15.53	166	5267	0.360	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	2319	0.338	ng	#	86
21) Hexachlorobenzene	16.53	284	2358	0.350	ng		98
22) Pentachlorophenol	16.92	266	808	0.481	ng		96
23) Phenanthrene	17.28	178	10228	0.347	ng		99
24) Anthracene	17.38	178	9405	0.346	ng		98
26) Fluoranthene	19.30	202	16051	0.360	ng		99
28) Pyrene	19.67	202	16934	0.379	ng		99
30) Benzo(a)anthracene	21.40	228	19070	0.360	ng		99
31) Chrysene	21.46	228	18132	0.333	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	27540	0.337	ng		100
33) Indeno(1,2,3-cd)pyrene	26.66	276	22137	0.326	ng	#	93
35) Benzo(b)fluoranthene	23.18	252	18295	0.361	ng		99
36) Benzo(k)fluoranthene	23.23	252	18918	0.378	ng		99
37) Benzo(a)pyrene	23.85	252	17962	0.366	ng		98
38) Dibenzo(a,h)anthracene	26.69	278	18480	0.363	ng		100
39) Benzo(g,h,i)perylene	27.50	276	18729	0.366	ng		99

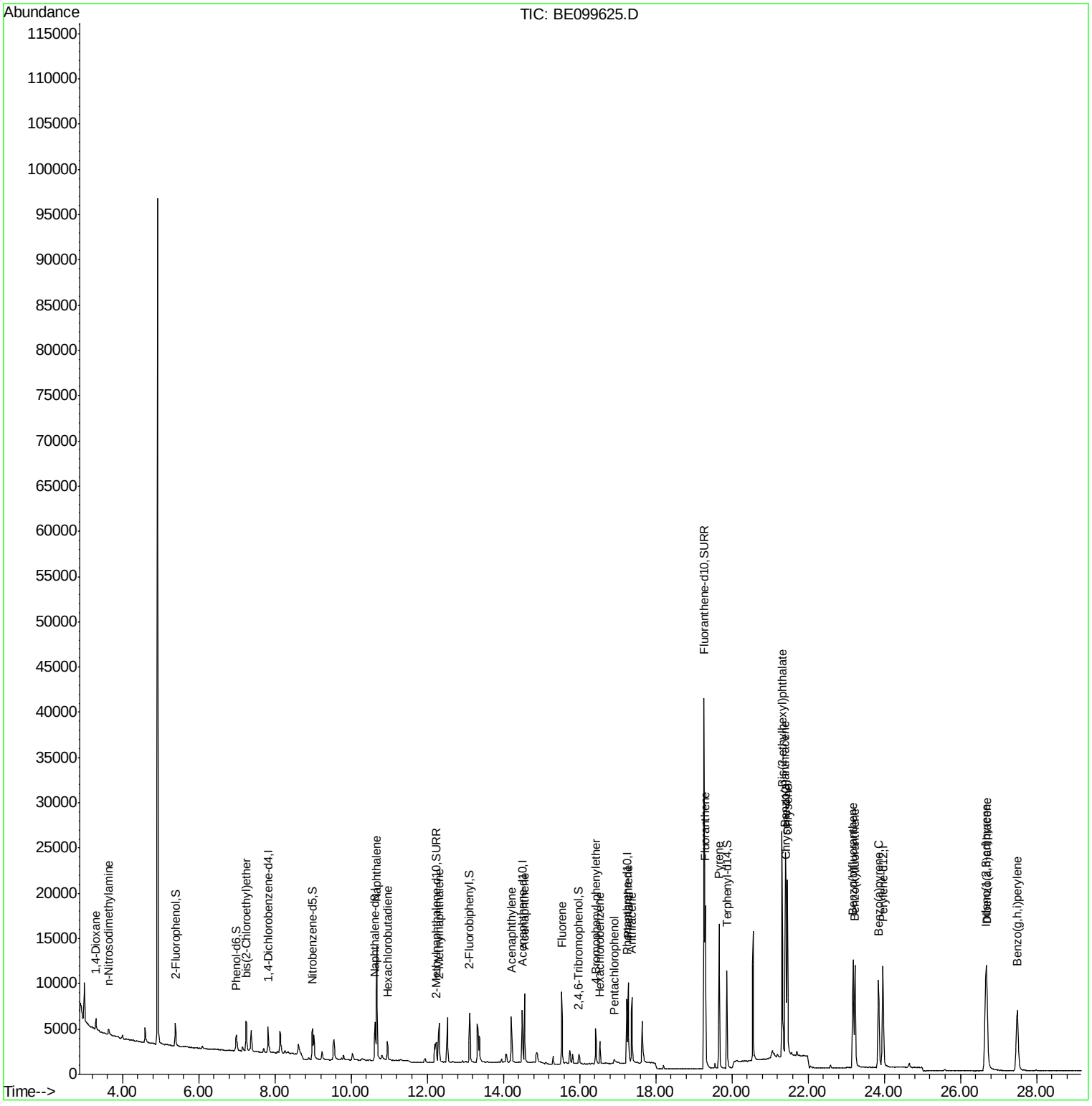
(#) = qualifier out of range (m) = manual integration (+) = signals summed

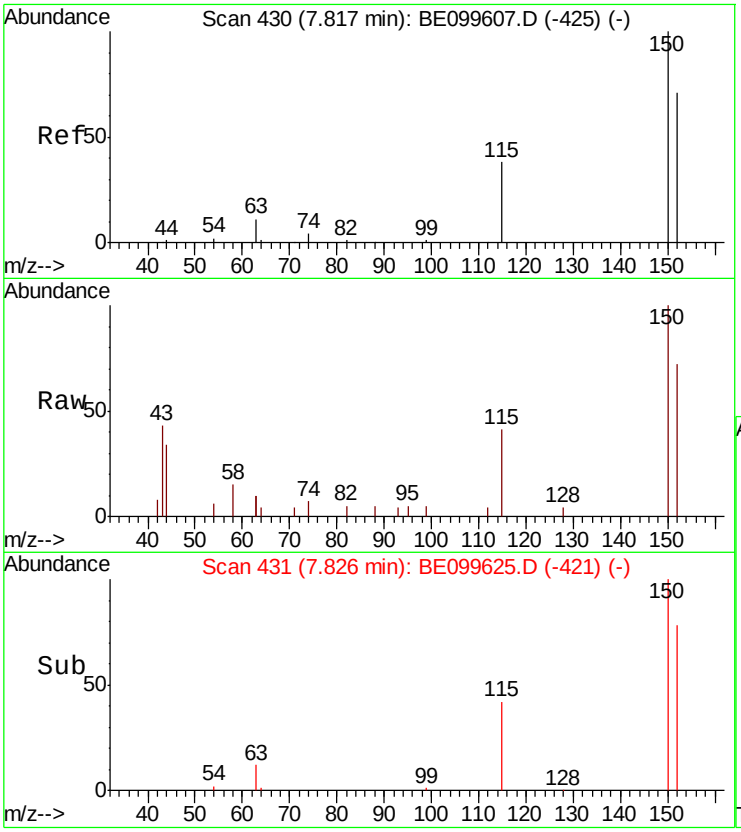
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099625.D
Acq On : 16 May 2019 16:39
Operator : JU/SJ
Sample : PB119762BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Quant Time: May 17 07:02:28 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 19:30:50 2019
Response via : Initial Calibration



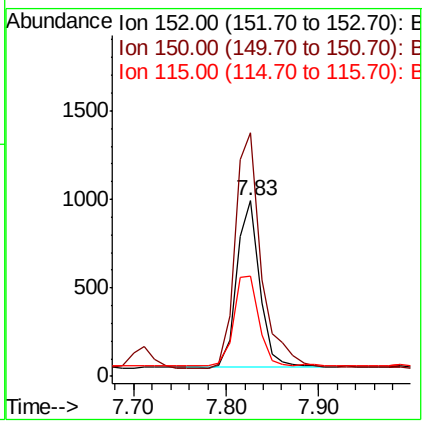


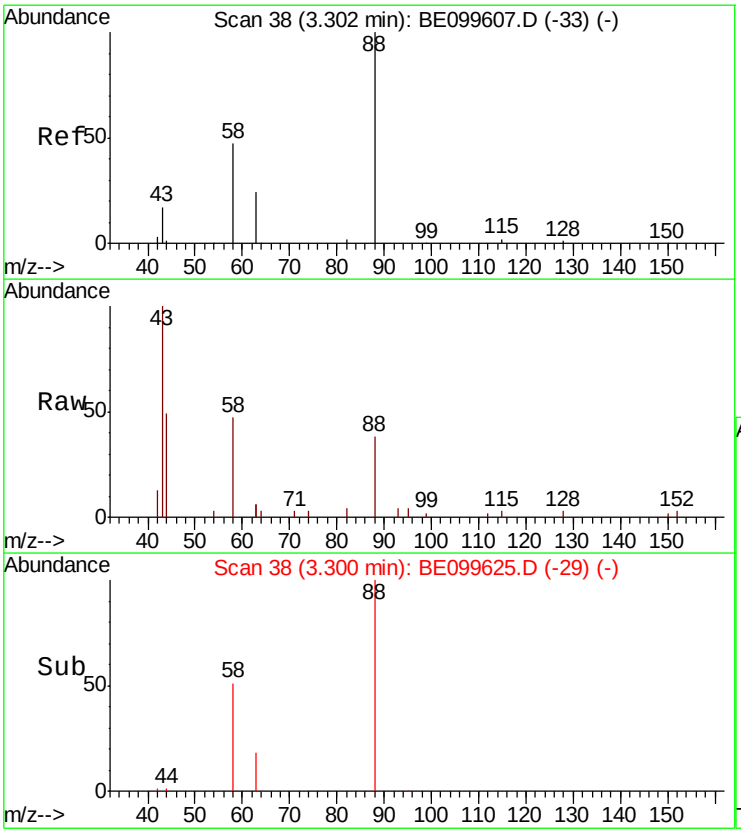
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:152 Resp: 1634

Ion	Ratio	Lower	Upper
152	100		
150	138.6	110.1	165.1
115	57.4	46.2	69.4

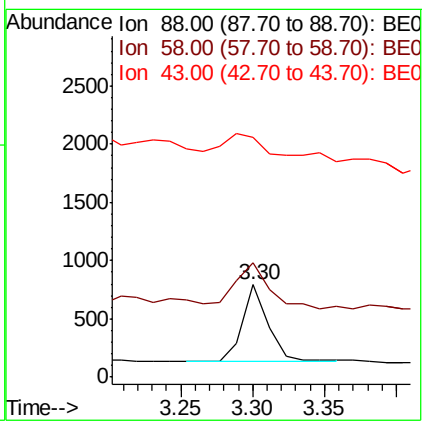


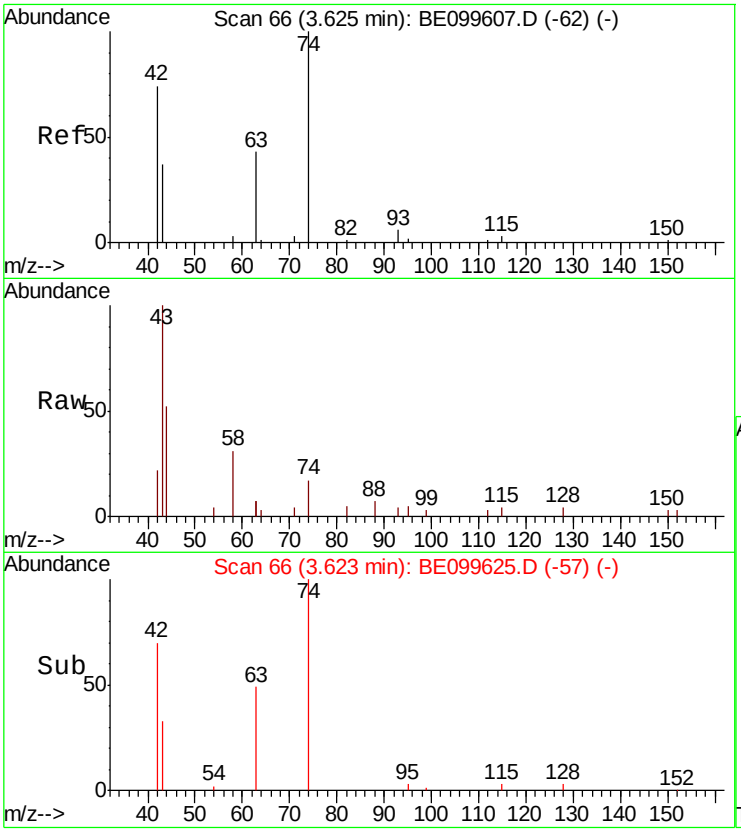


#2
1,4-Dioxane
Concen: 0.347 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion: 88 Resp: 837

Ion	Ratio	Lower	Upper
88	100		
58	80.0	39.8	59.6#
43	66.7	21.0	31.6#



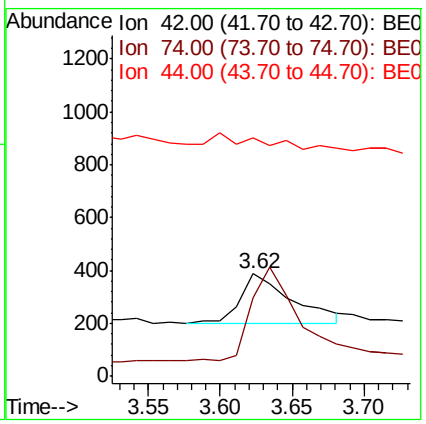


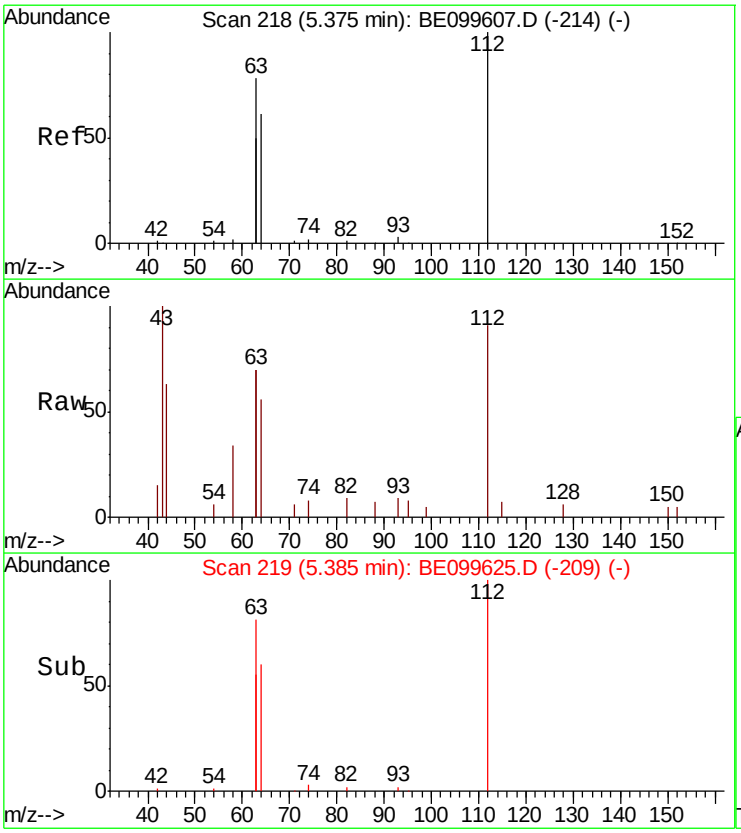
#3
n-Nitrosodimethylamine
Concen: 0.297 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion: 42 Resp: 456

Ion	Ratio	Lower	Upper
42	100		
74	175.9	134.7	202.1
44	0.0	12.5	18.7#

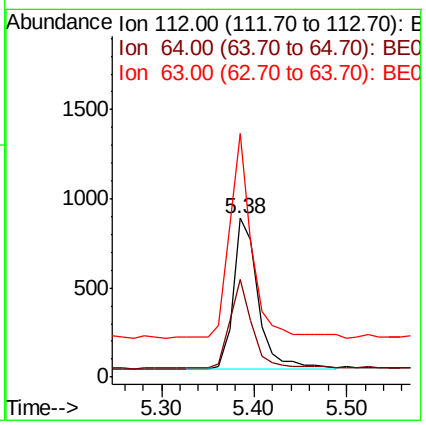


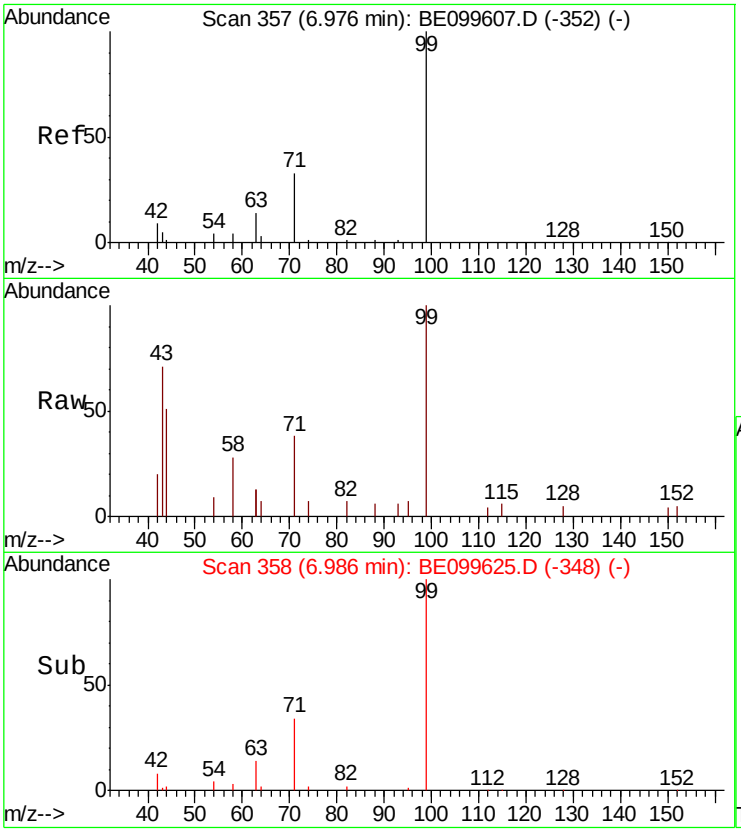


#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.38 min Scan# 219
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:112 Resp: 1571

Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.7	65.5
63	122.1	94.0	141.0



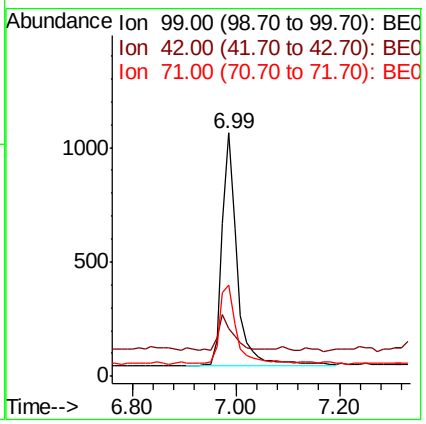


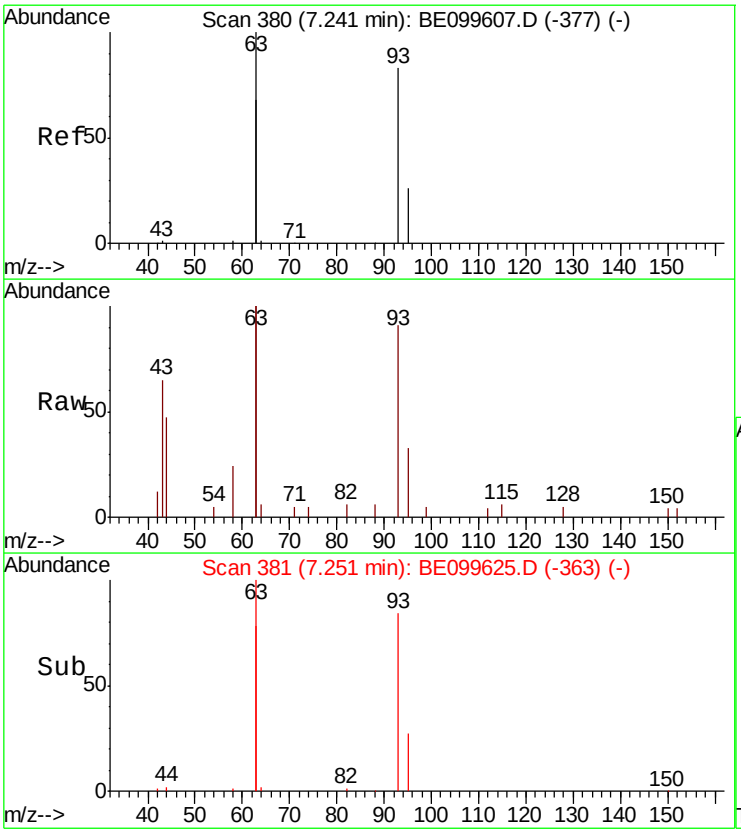
#5
Phenol-d6
Concen: 0.352 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion: 99 Resp: 2068

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.3	21.5
71	36.4	33.1	49.7

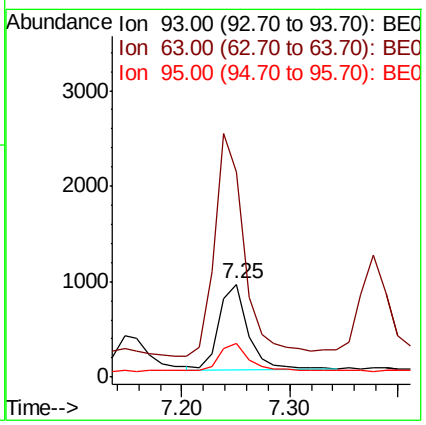


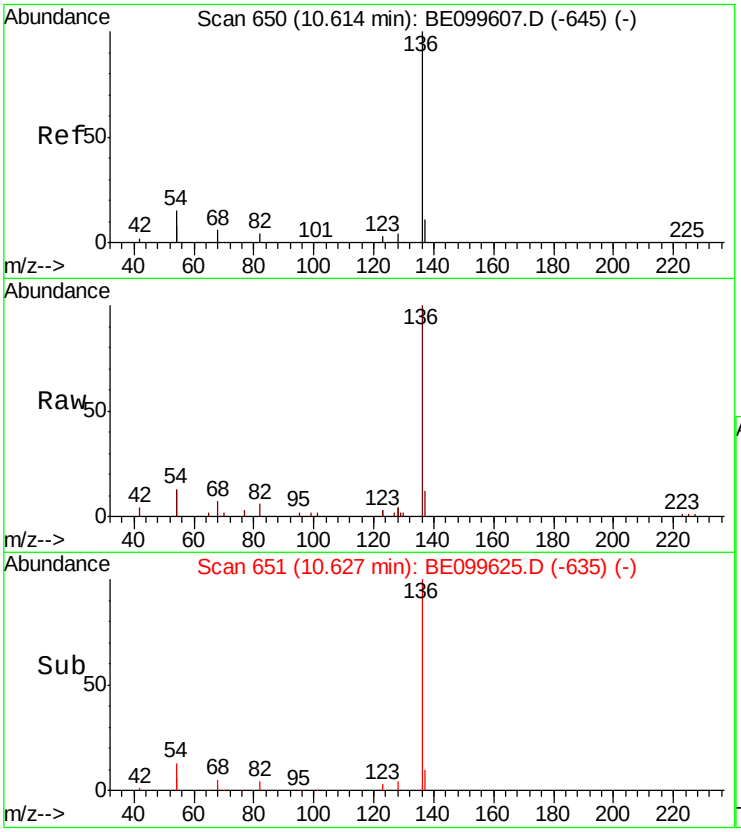


#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion: 93 Resp: 1640

Ion	Ratio	Lower	Upper
93	100		
63	269.3	201.0	301.4
95	37.0	25.0	37.4



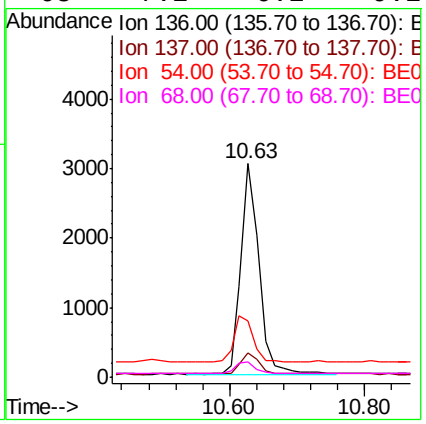


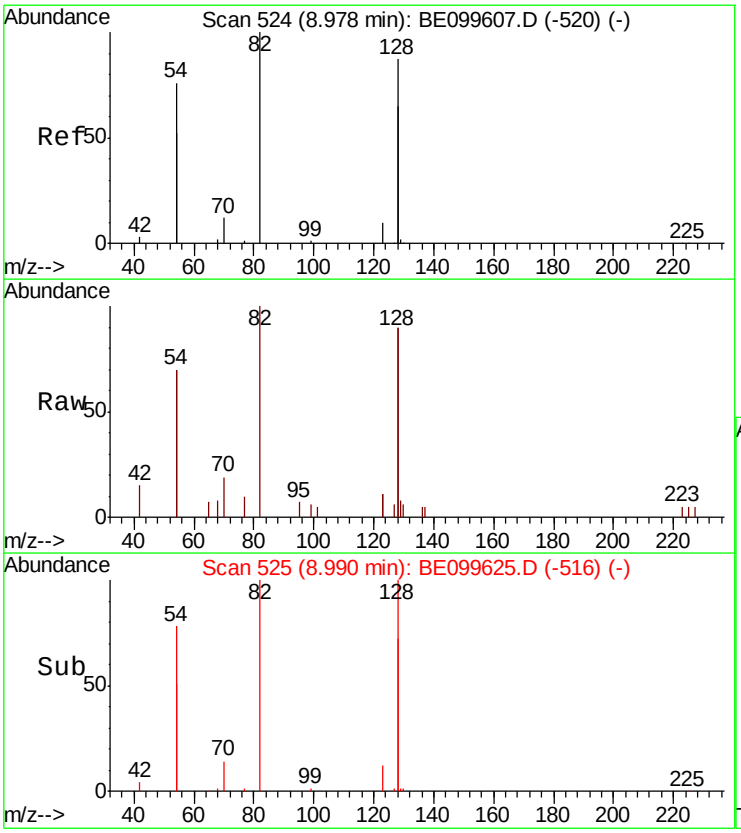
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:136 Resp: 5659

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	26.5	23.8	35.8
68	7.2	6.2	9.2

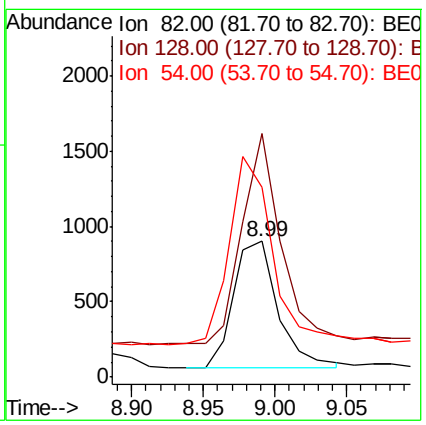


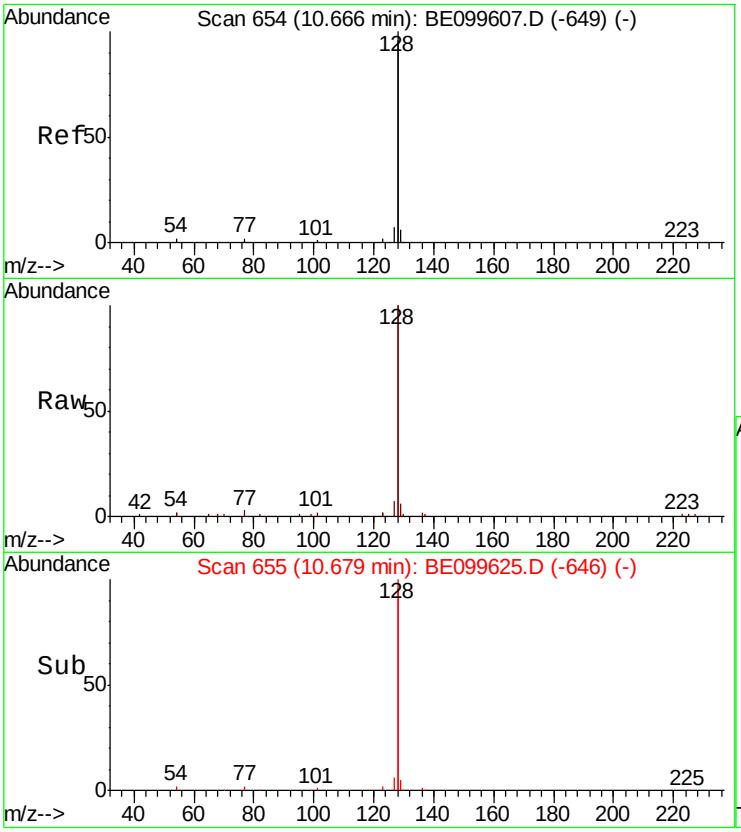


#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion: 82 Resp: 1826

Ion	Ratio	Lower	Upper
82	100		
128	179.2	131.4	197.2
54	139.8	113.9	170.9



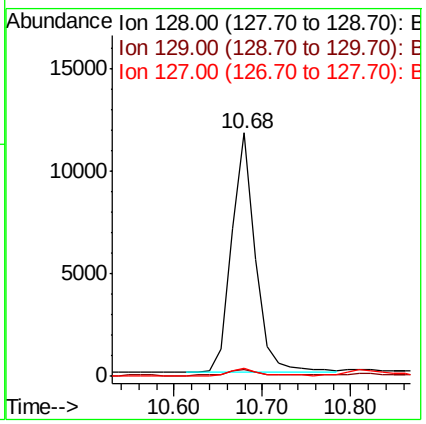


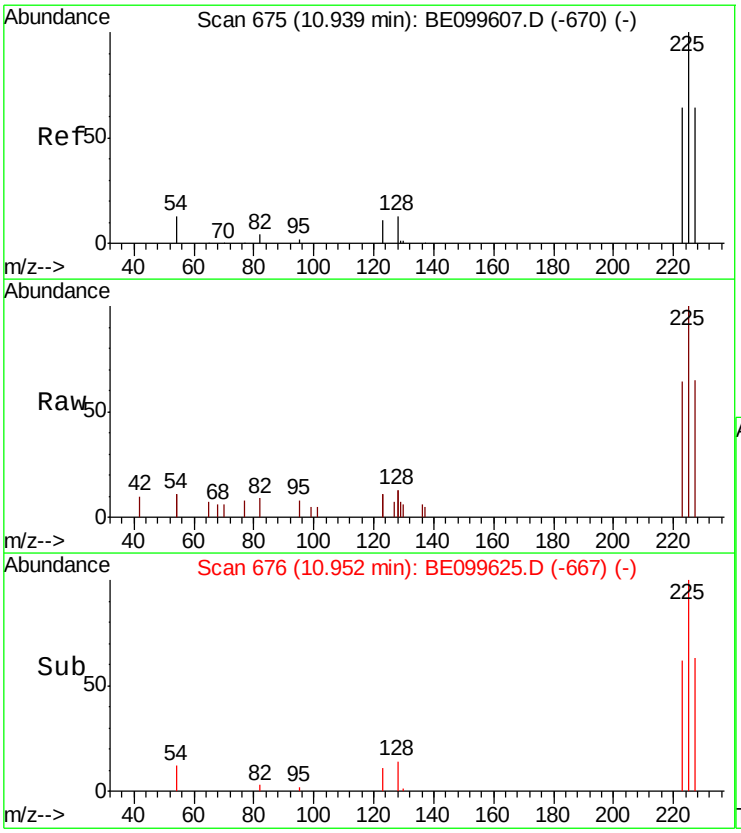
#9
Naphthalene
Concen: 0.357 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:128 Resp: 21480

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	4.0
127	3.5	3.0	4.6

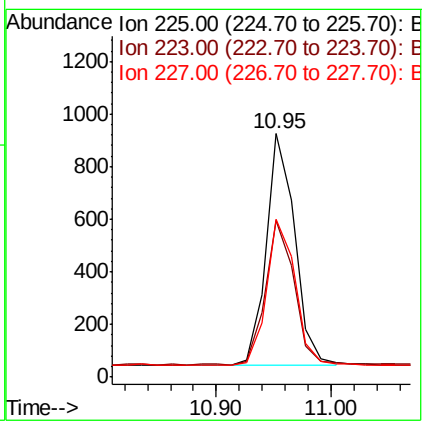


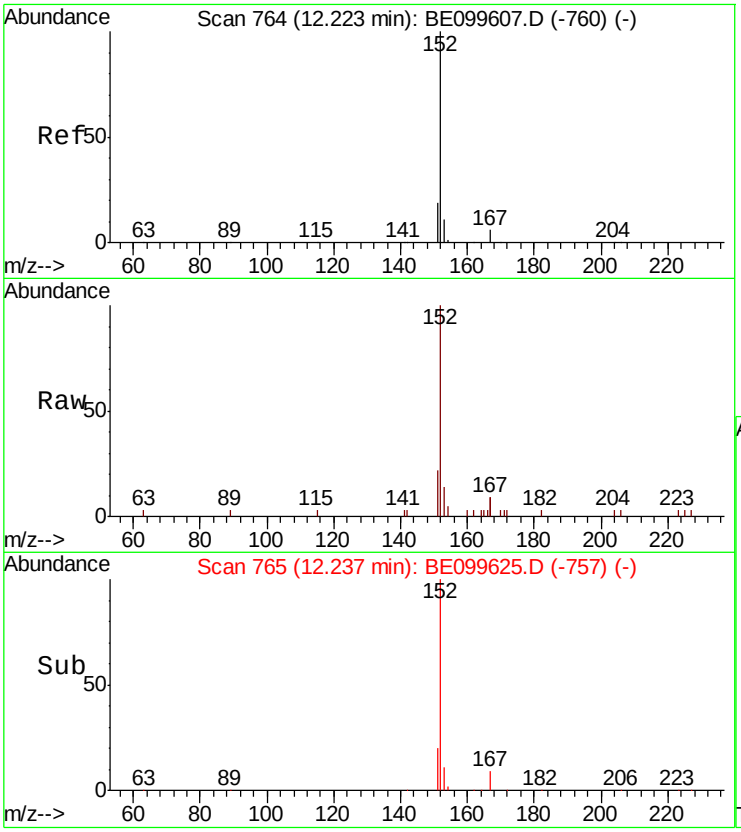


#10
Hexachlorobutadiene
Concen: 0.349 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:225 Resp: 1539

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	63.4	51.2	76.8



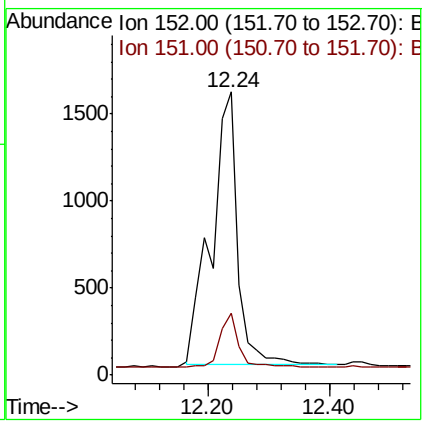


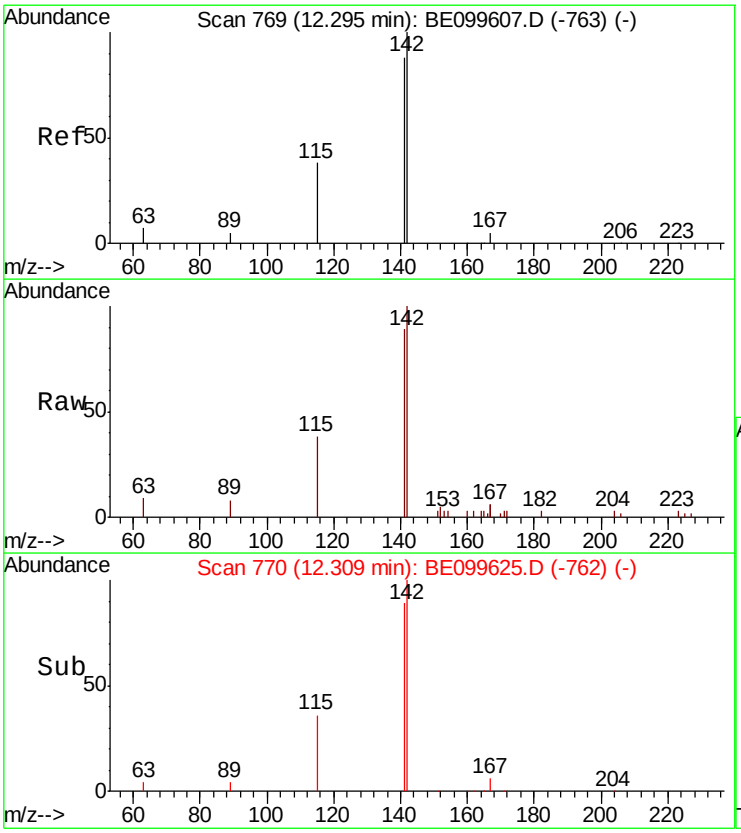
#11
2-Methylnaphthalene-d10
Concen: 0.493 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:152 Resp: 4691

Ion	Ratio	Lower	Upper
152	100		
151	14.5	15.3	22.9#

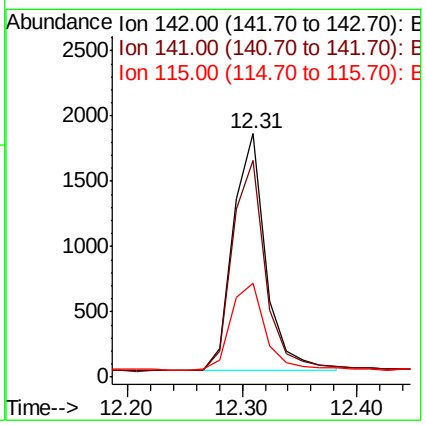


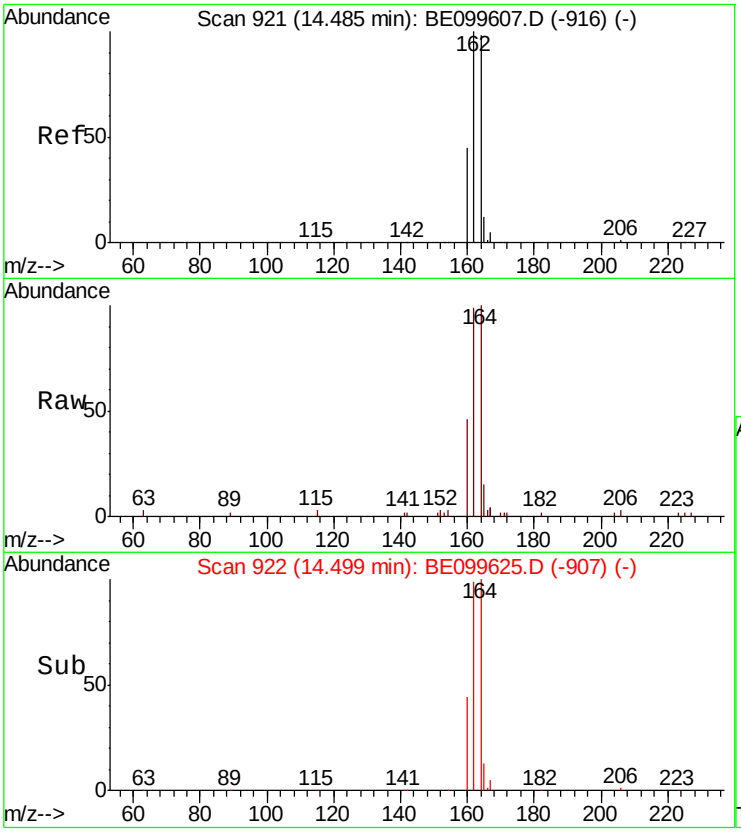


#12
2-Methylnaphthalene
Concen: 0.358 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:142 Resp: 3562

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	38.4	32.2	48.4



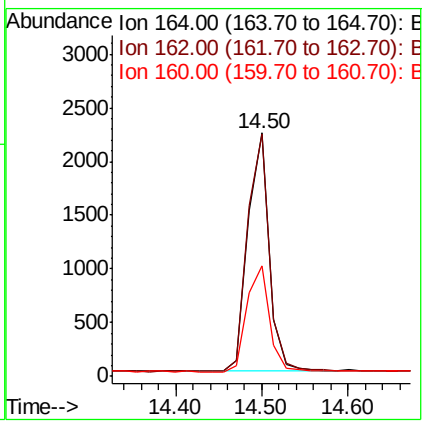


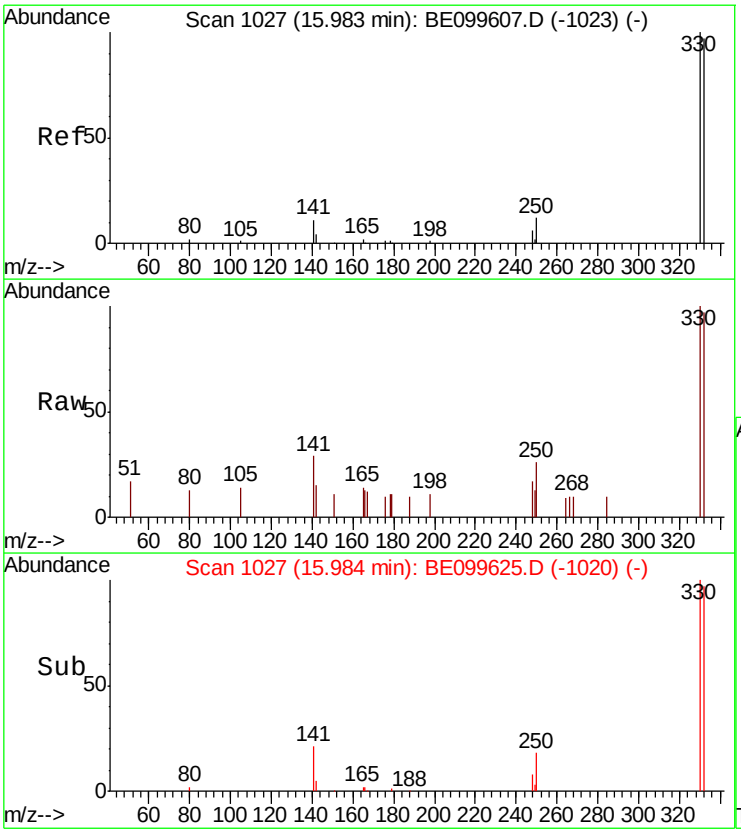
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:164 Resp: 3823

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.4	122.0
160	45.6	37.4	56.2

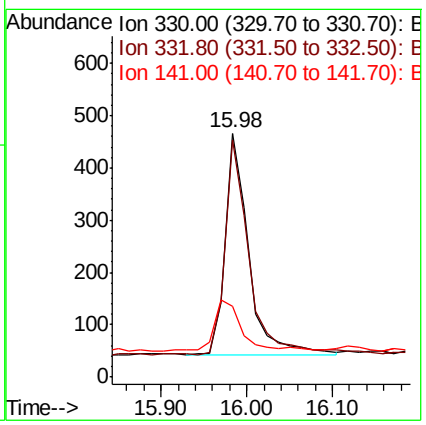


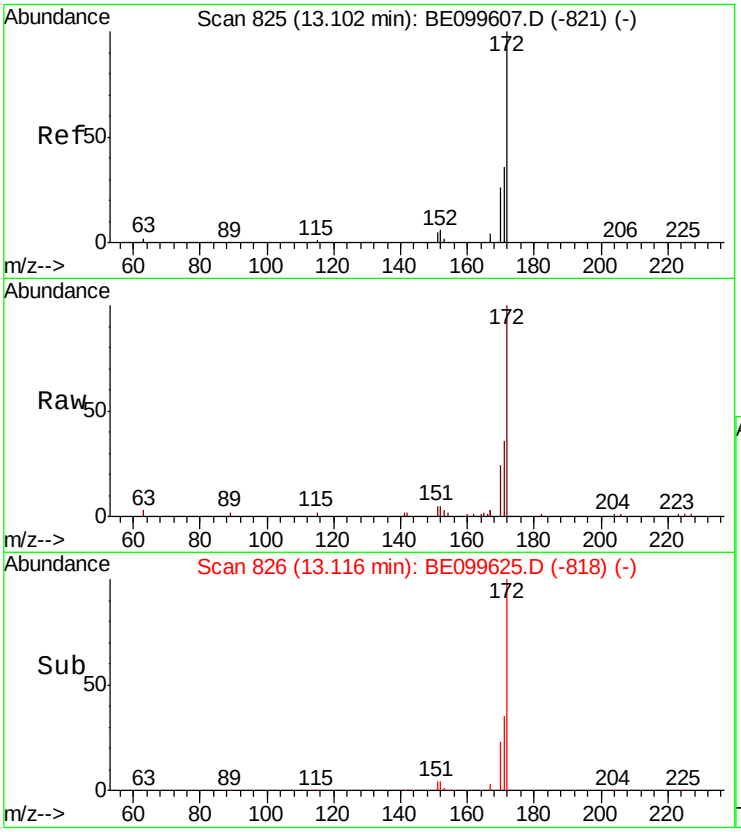


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:330 Resp: 813

Ion	Ratio	Lower	Upper
330	100		
332	99.4	73.8	110.8
141	25.3	21.0	31.6



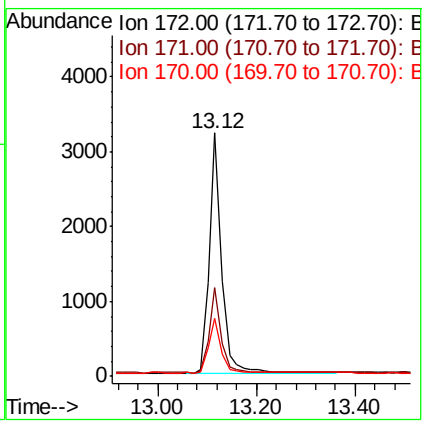


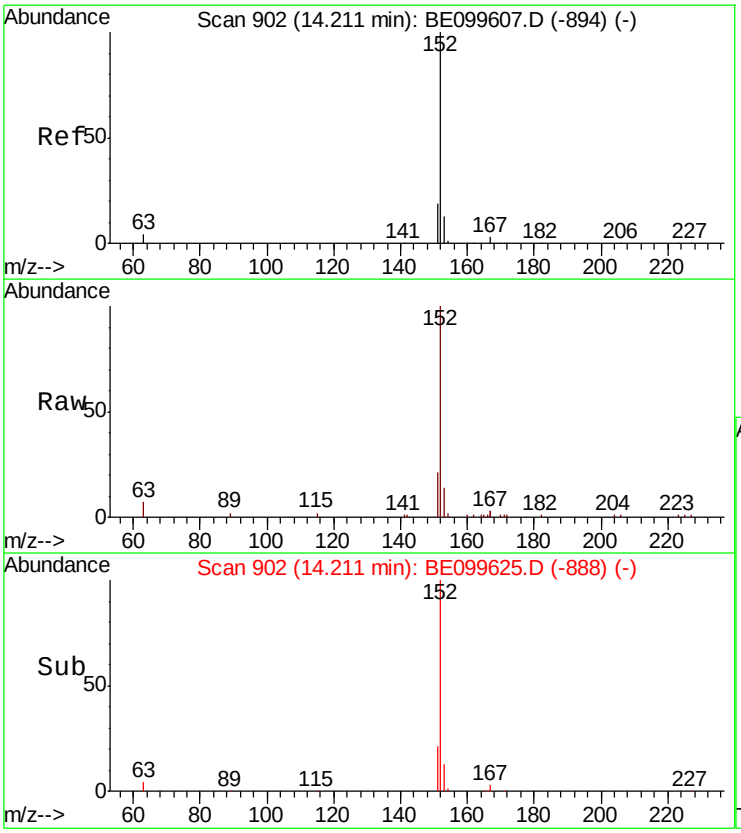
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:172 Resp: 5447

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	23.7	21.5	32.3

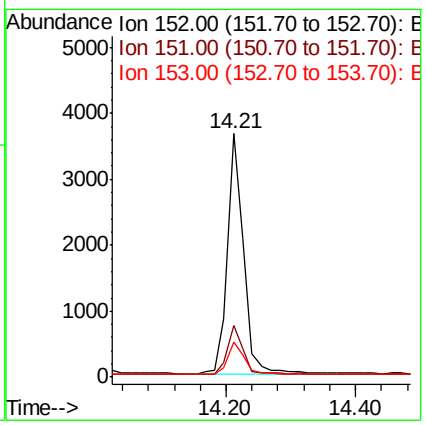


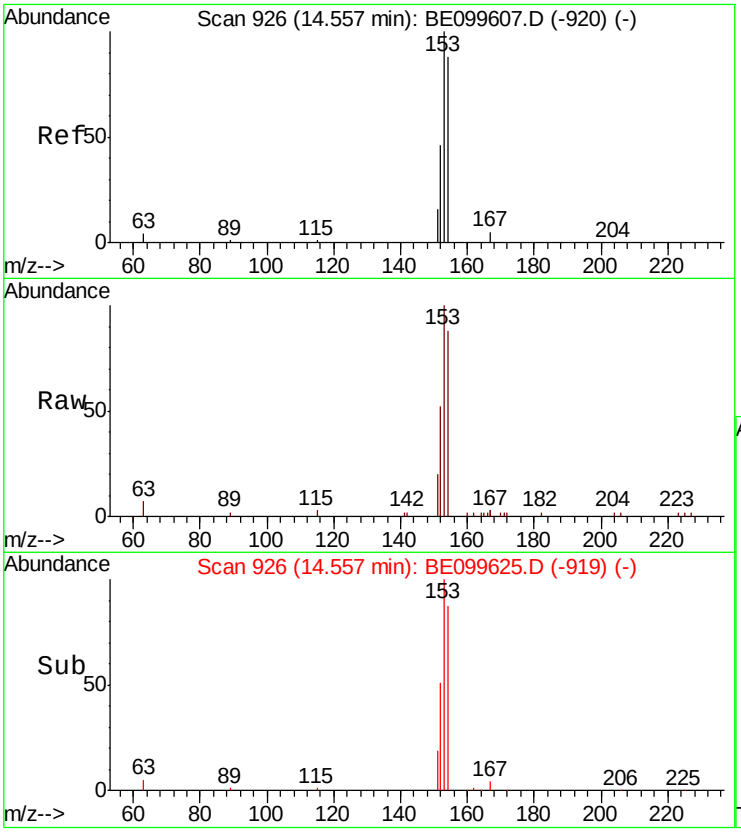


#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:152 Resp: 6217

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.4	15.6



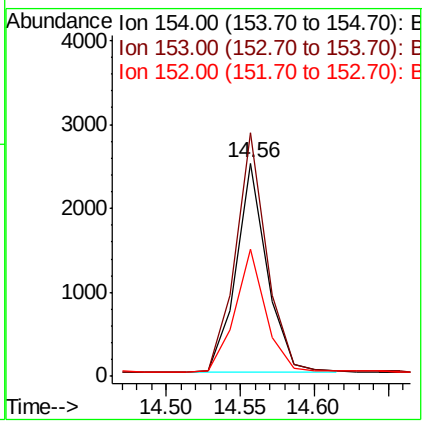


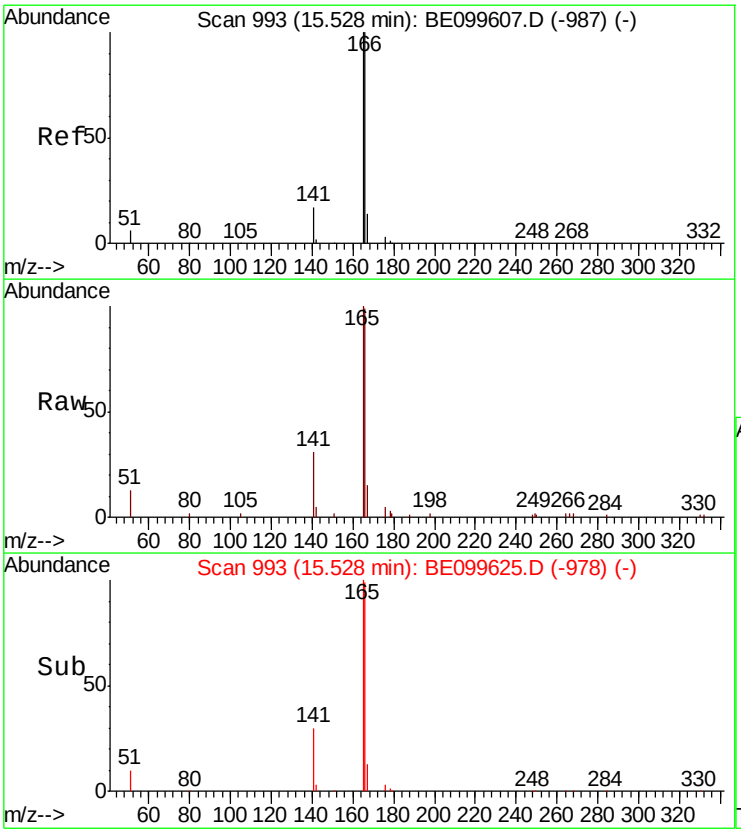
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:154 Resp: 3625

Ion	Ratio	Lower	Upper
154	100		
153	116.1	94.1	141.1
152	58.8	46.5	69.7

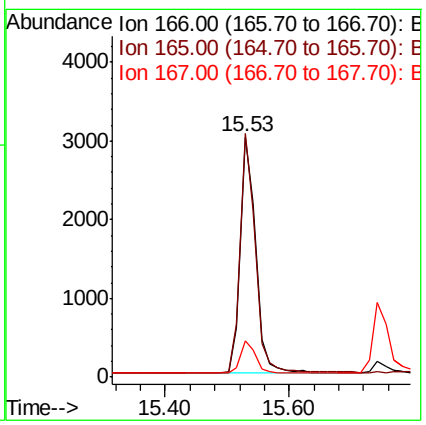


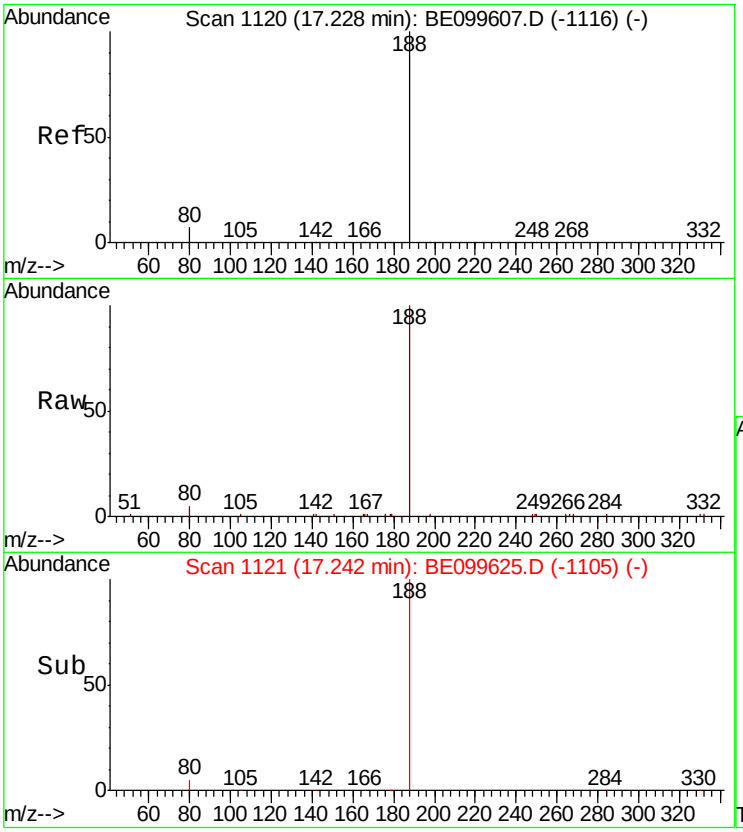


#18
Fluorene
Concen: 0.360 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:166 Resp: 5267

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.7	11.2	16.8



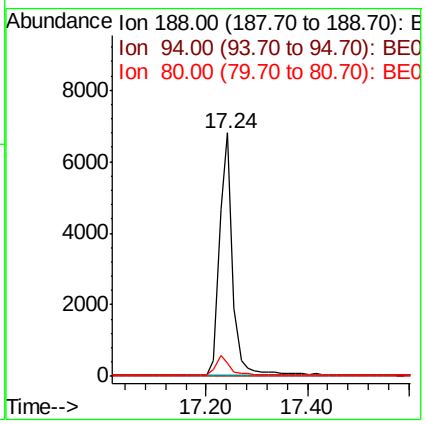


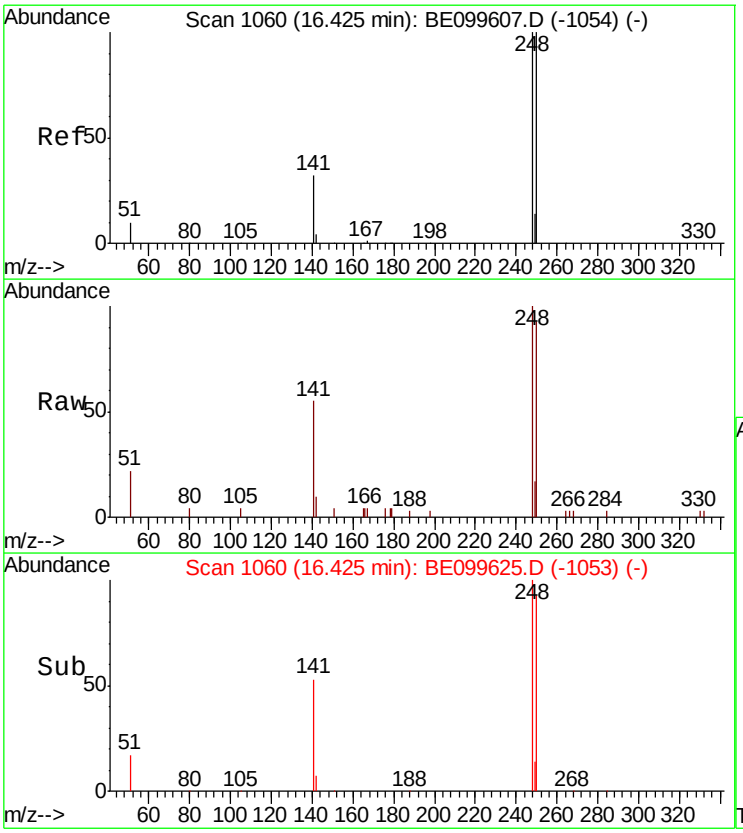
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:188 Resp: 11883

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.4	6.4	9.6#

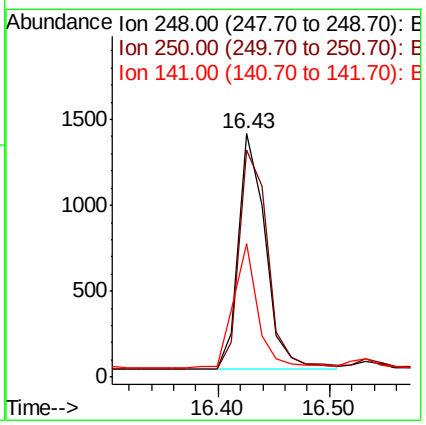


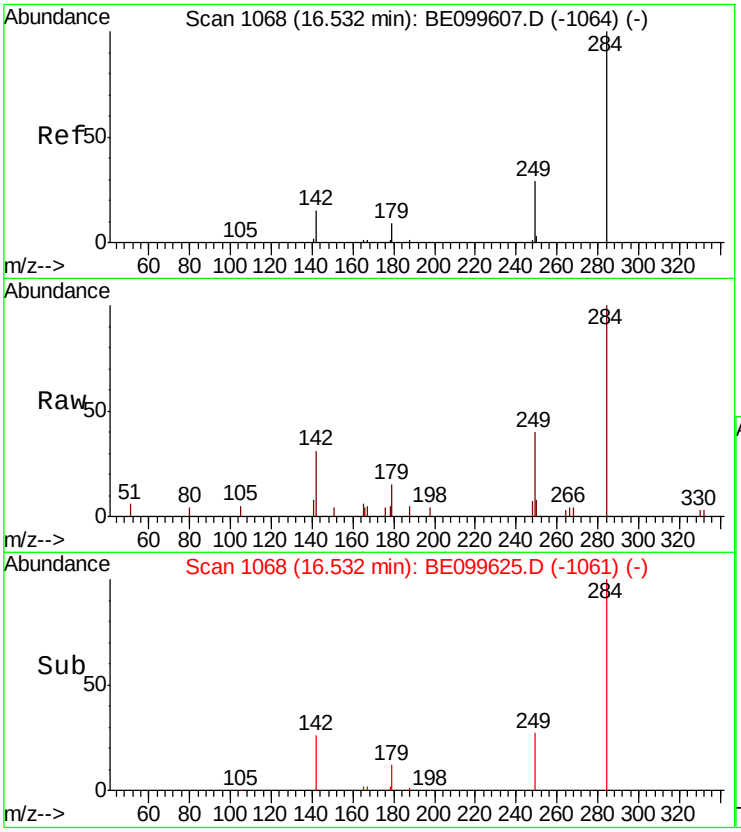


#20
4-Bromophenyl-phenylether
Concen: 0.338 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:248 Resp: 2319

Ion	Ratio	Lower	Upper
248	100		
250	93.3	80.4	120.6
141	54.7	27.8	41.8#



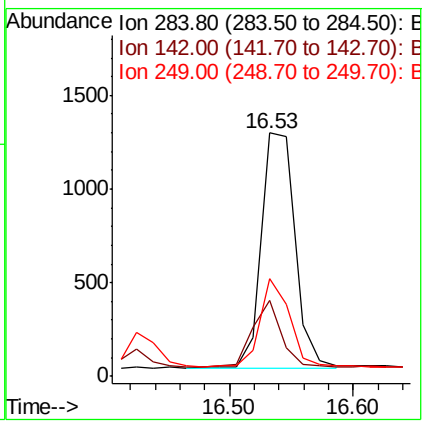


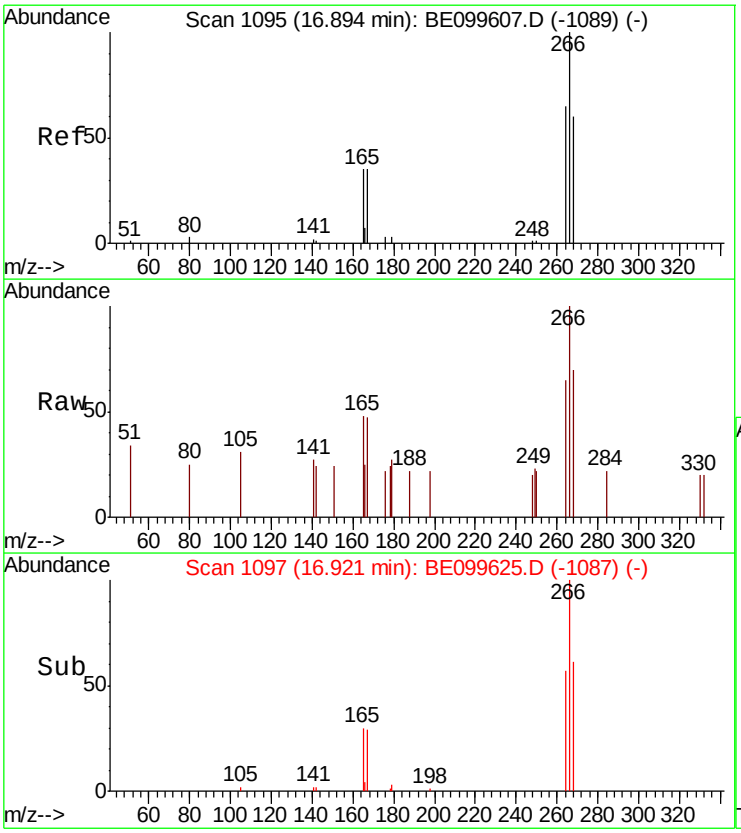
#21
Hexachlorobenzene
Concen: 0.350 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:284 Resp: 2358

Ion	Ratio	Lower	Upper
284	100		
142	23.9	19.4	29.2
249	32.7	24.6	37.0

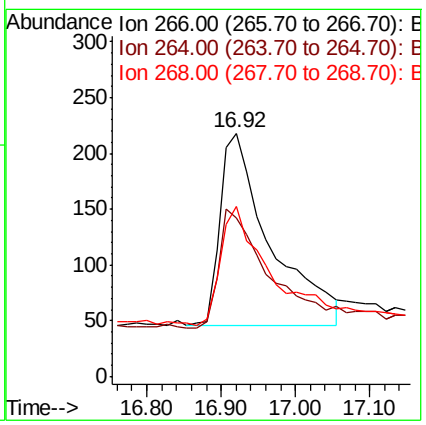


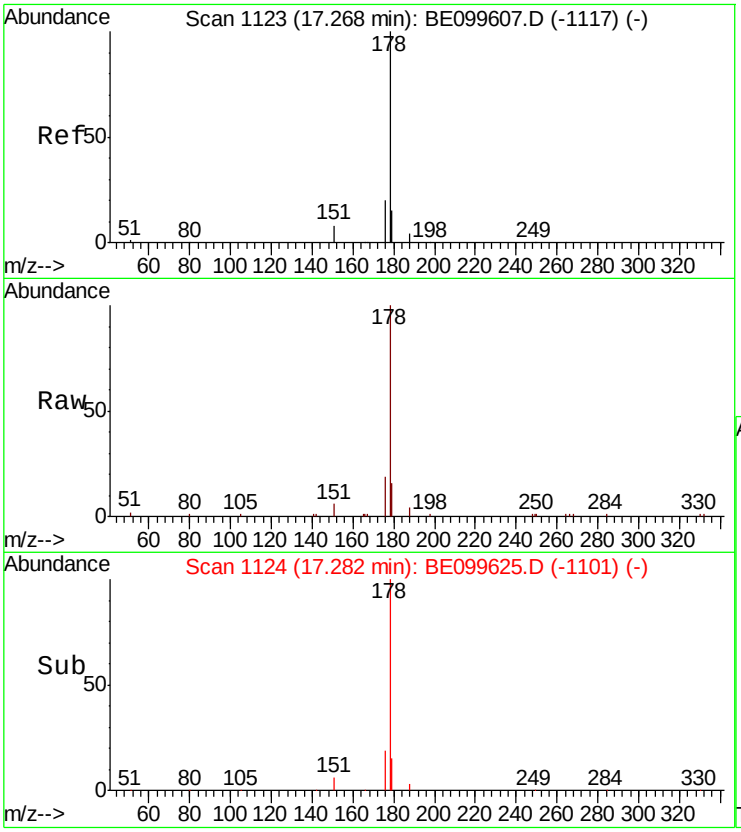


#22
Pentachlorophenol
Concen: 0.481 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.03 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:266 Resp: 808

Ion	Ratio	Lower	Upper
266	100		
264	65.1	57.7	86.5
268	70.2	55.8	83.8



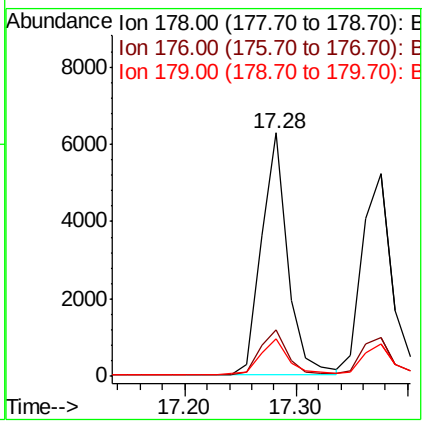


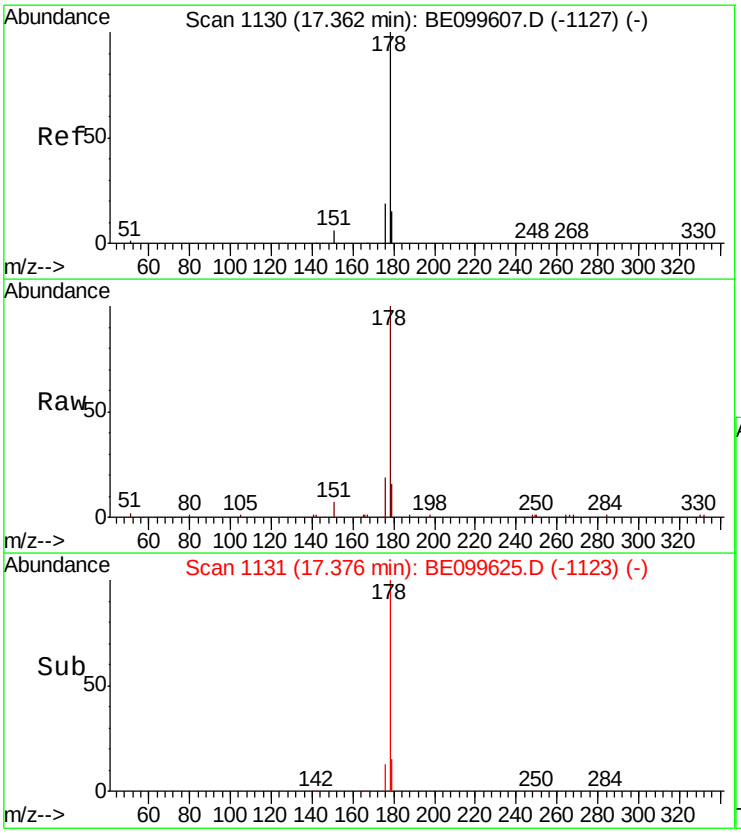
#23
Phenanthrene
Concen: 0.347 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:178 Resp: 10228

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.7	12.2	18.2

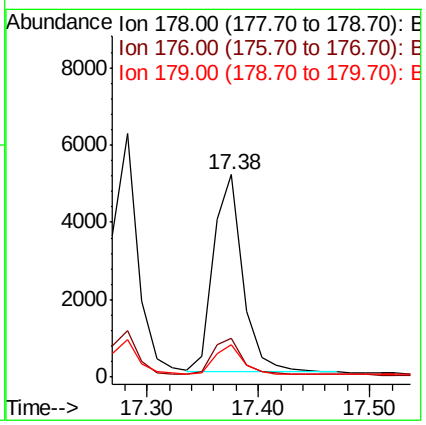


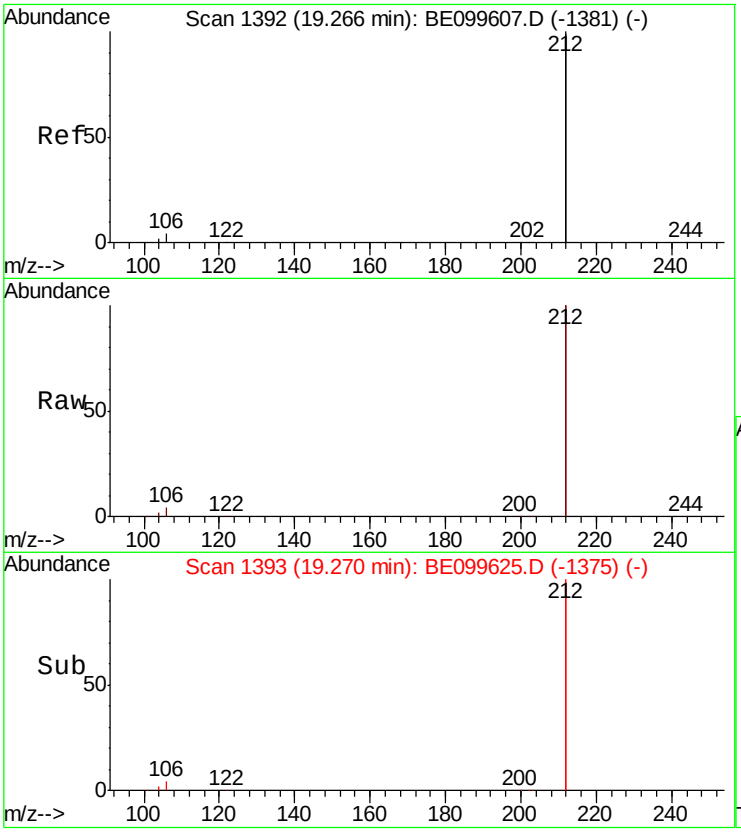


#24
Anthracene
Concen: 0.346 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:178 Resp: 9405

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	14.3	12.1	18.1



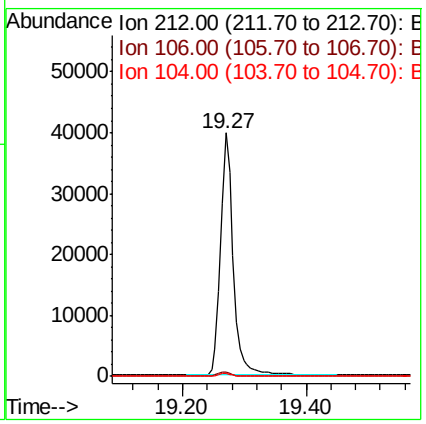


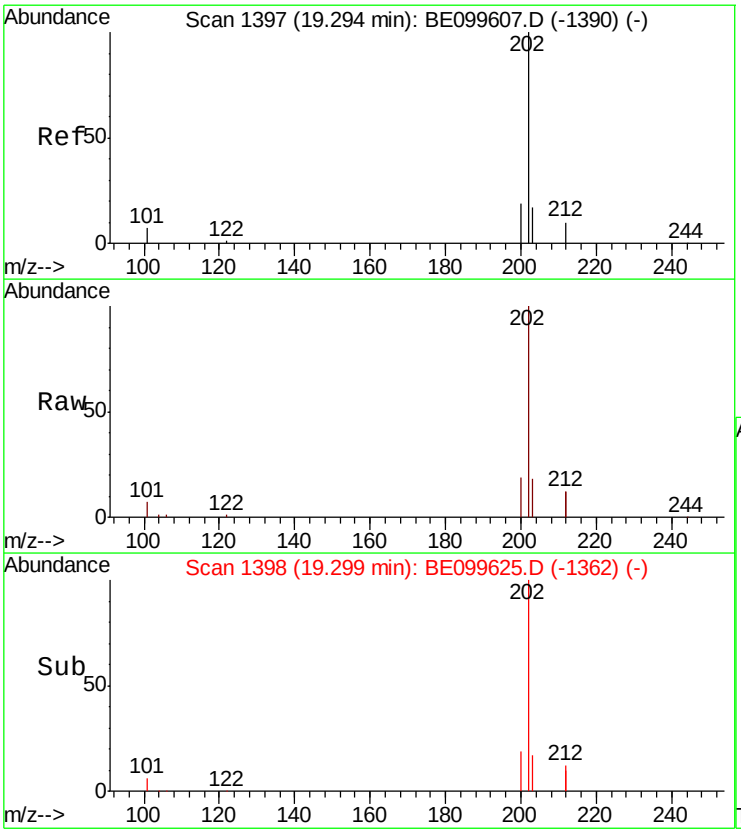
#25
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:212 Resp: 56702

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

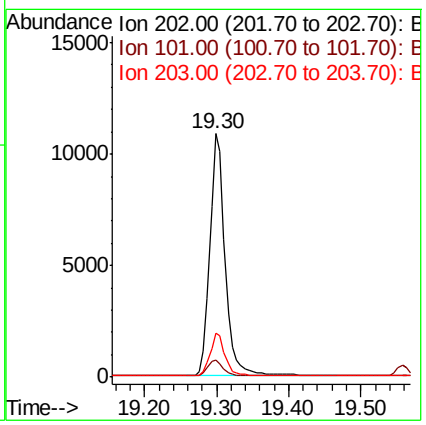


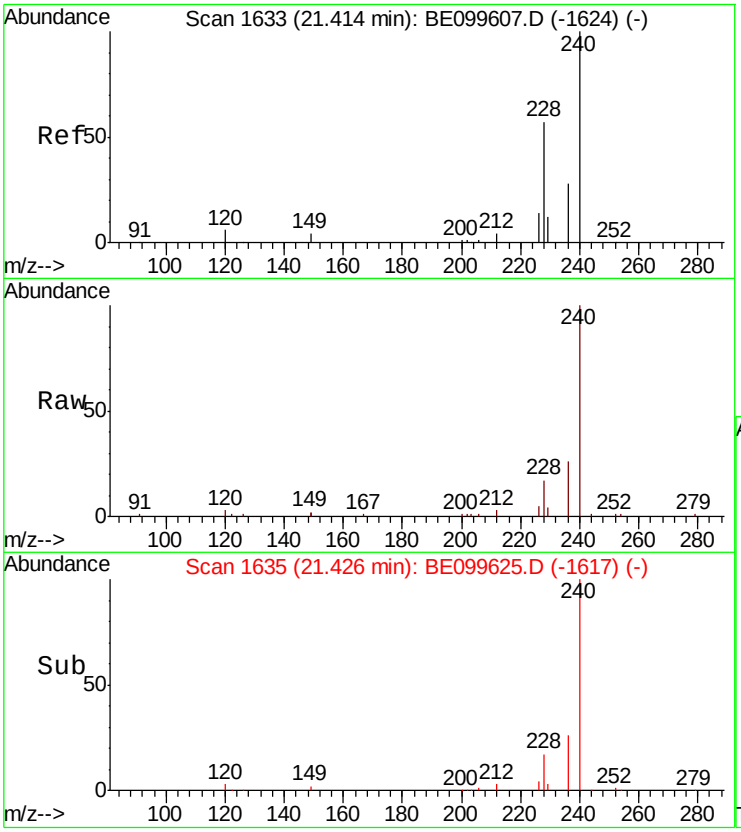


#26
Fluoranthene
Concen: 0.360 ng
RT: 19.30 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:202 Resp: 16051

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.0	7.6
203	16.9	13.7	20.5



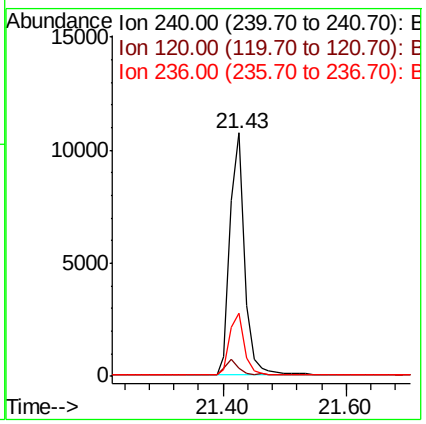


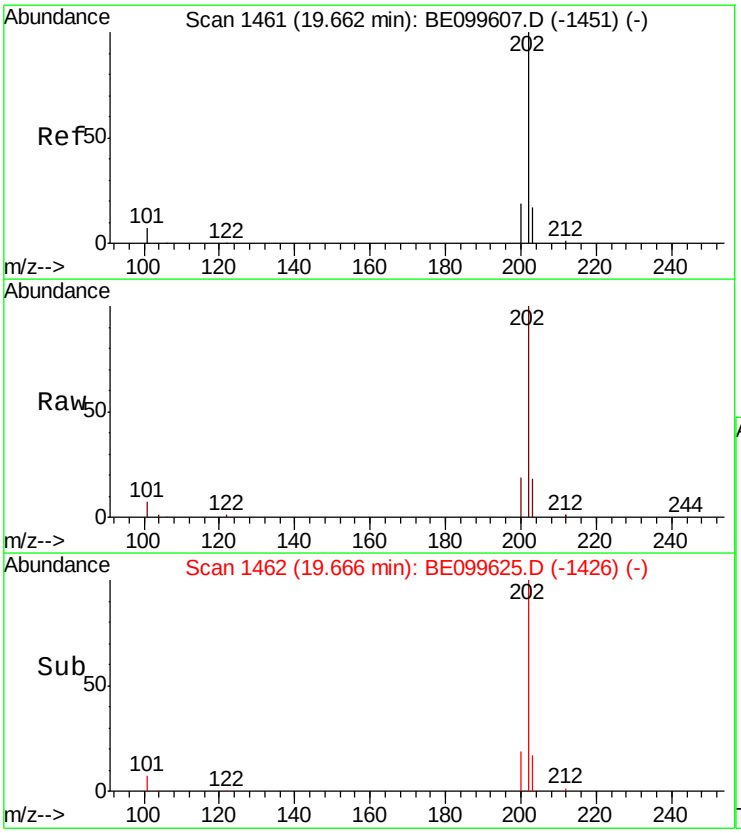
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:240 Resp: 17511

Ion	Ratio	Lower	Upper
240	100		
120	3.5	5.7	8.5#
236	26.1	22.8	34.2

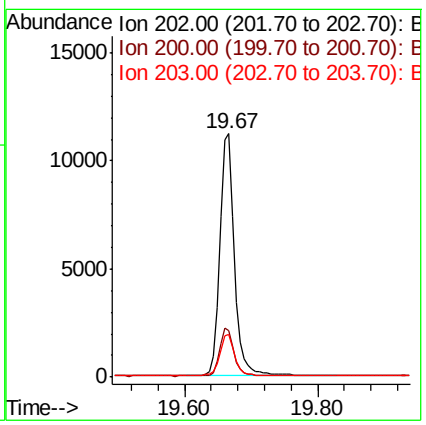


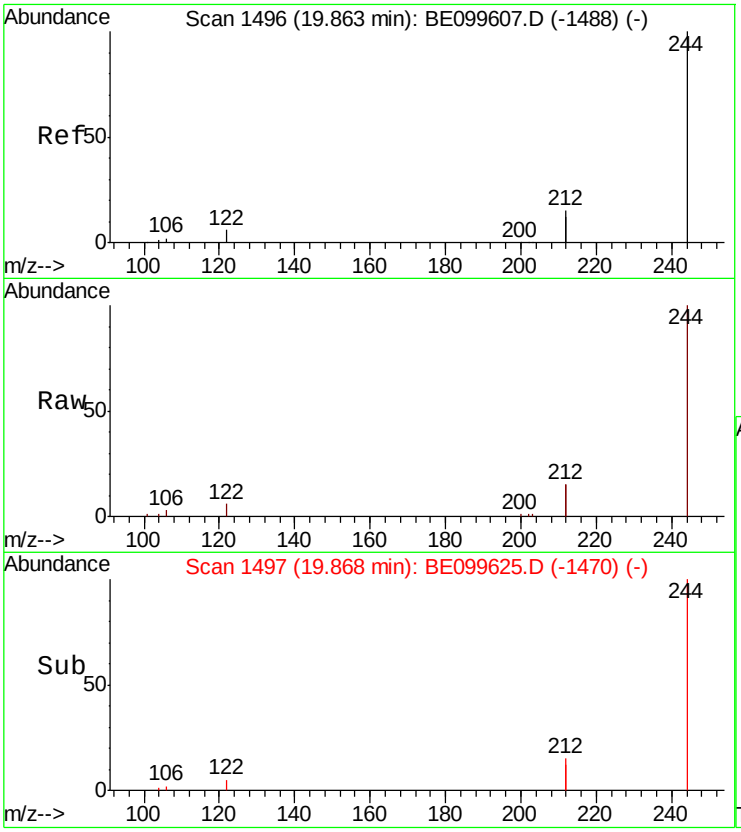


#28
Pyrene
Concen: 0.379 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:202 Resp: 16934

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.8	23.6
203	17.9	14.1	21.1



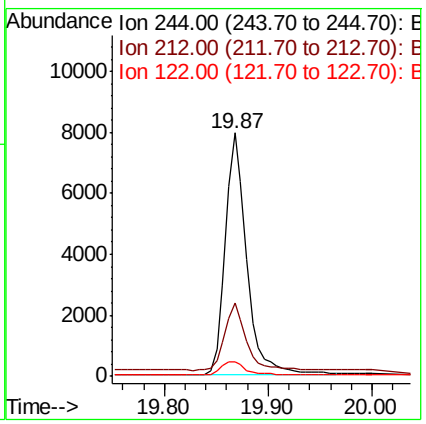


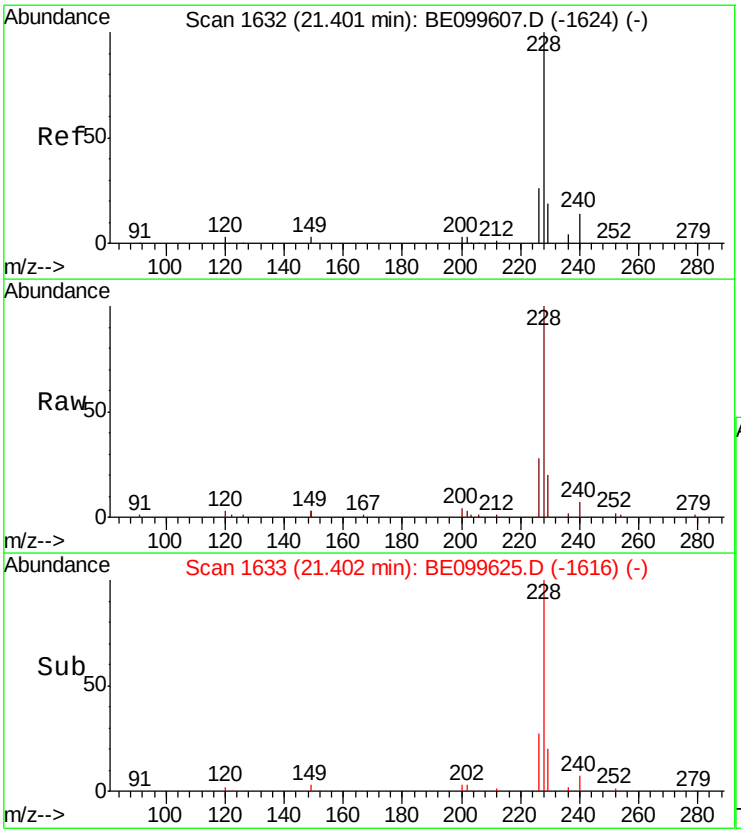
#29
Terphenyl-d14
Concen: 0.363 ng
RT: 19.87 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:244 Resp: 11435

Ion	Ratio	Lower	Upper
244	100		
212	29.9	23.8	35.6
122	6.0	5.0	7.6

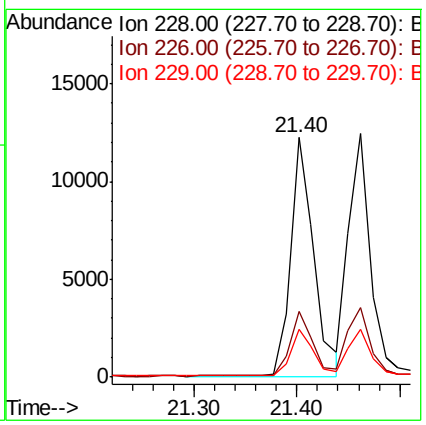


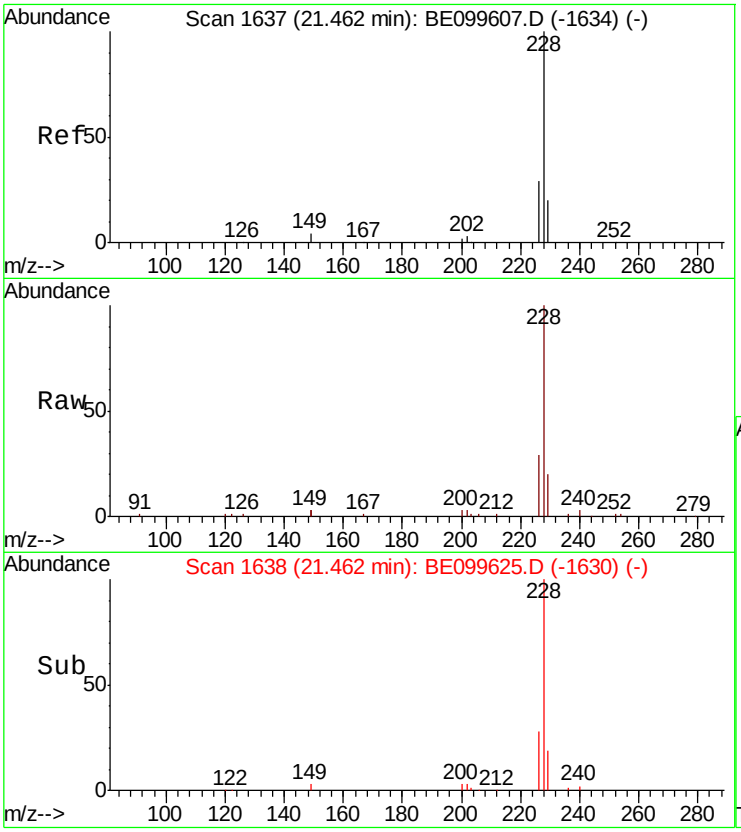


#30
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:228 Resp: 19070

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.4	32.2
229	20.0	15.8	23.8



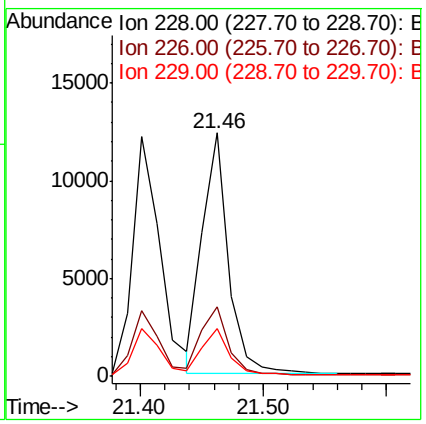


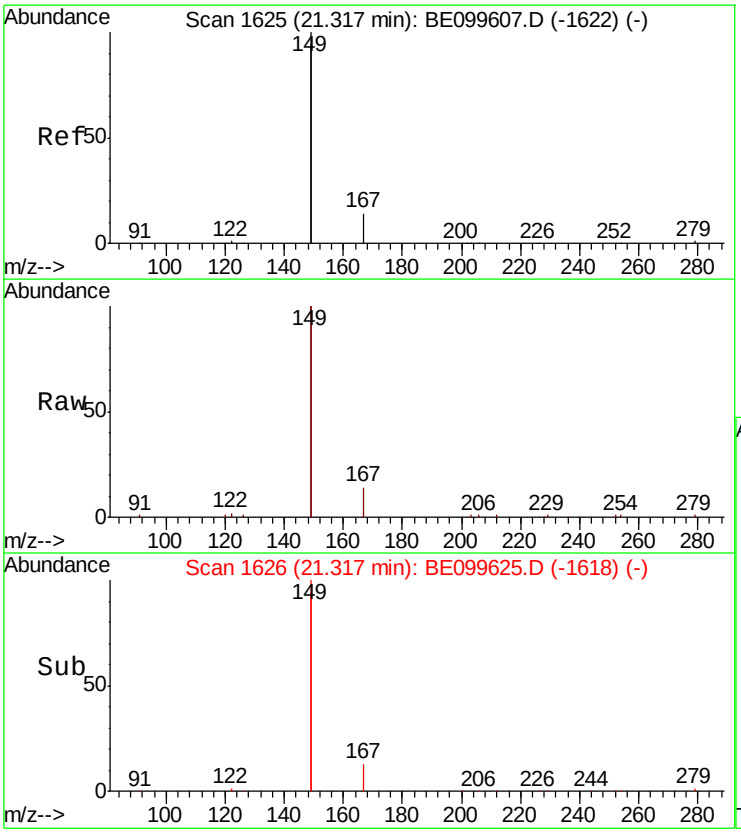
#31
Chrysene
Concen: 0.333 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:228 Resp: 18132

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	19.7	16.4	24.6

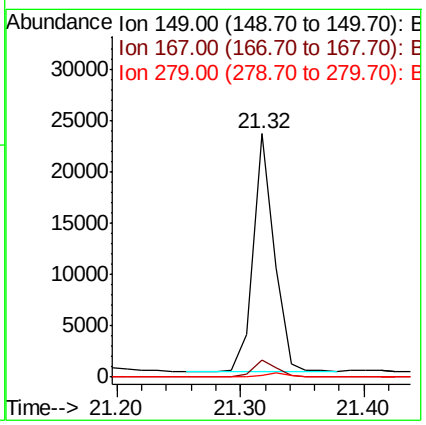


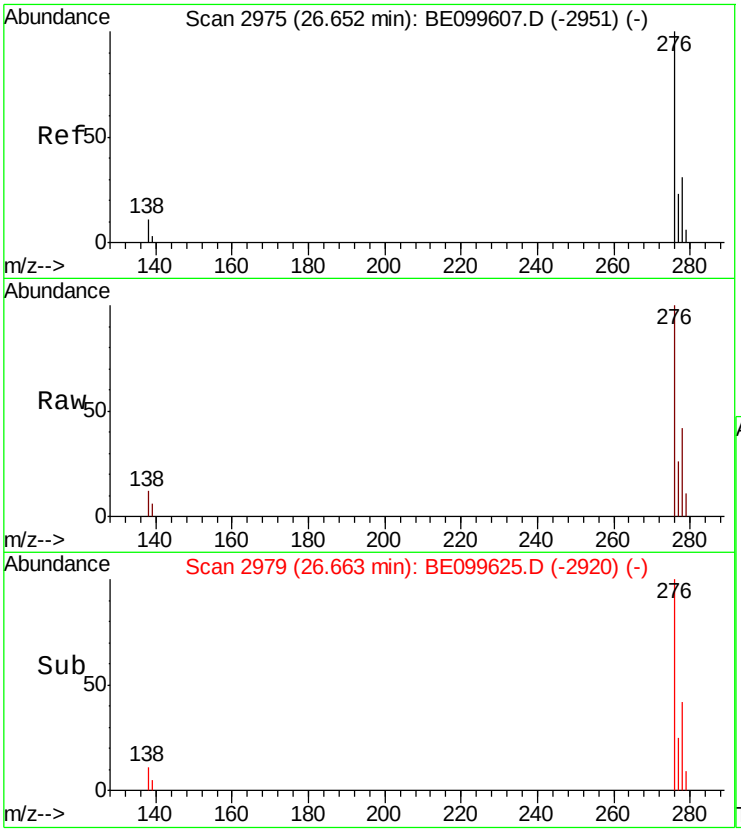


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.337 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:149 Resp: 27540

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.5	1.1	1.7



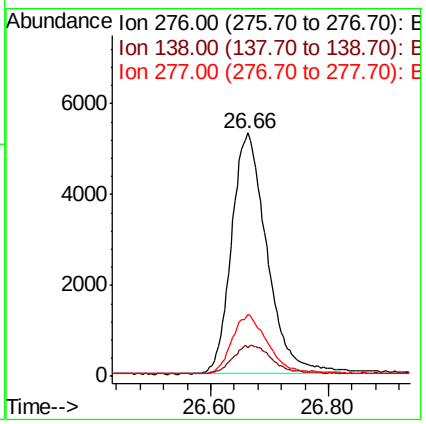


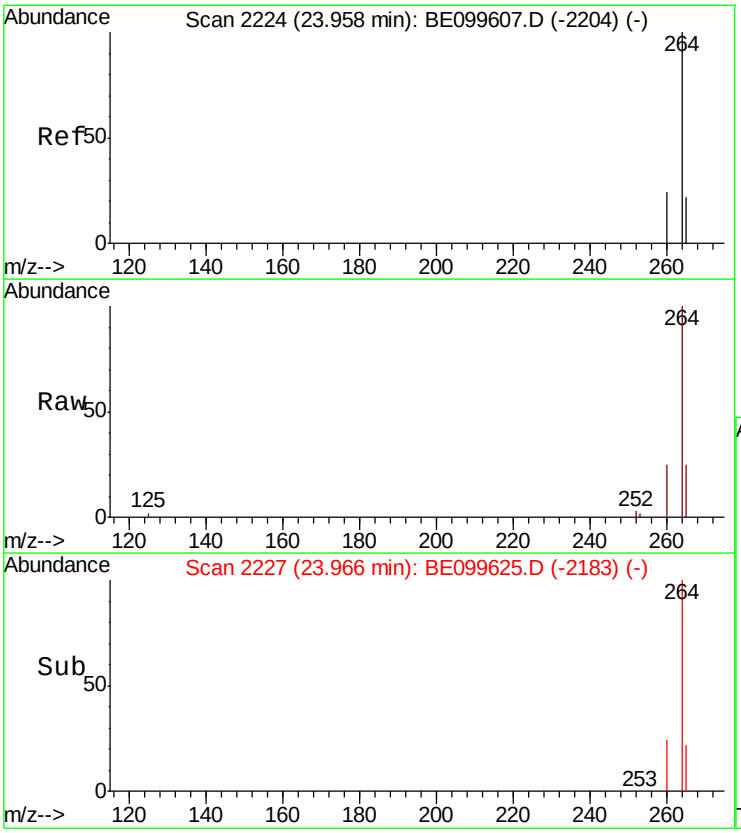
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng
RT: 26.66 min Scan# 2979
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:276 Resp: 22137

Ion	Ratio	Lower	Upper
276	100		
138	5.1	10.0	15.0#
277	24.4	19.1	28.7

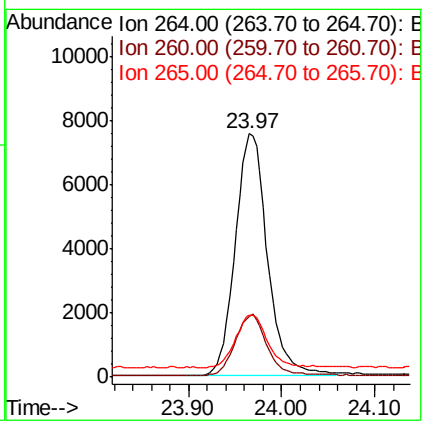


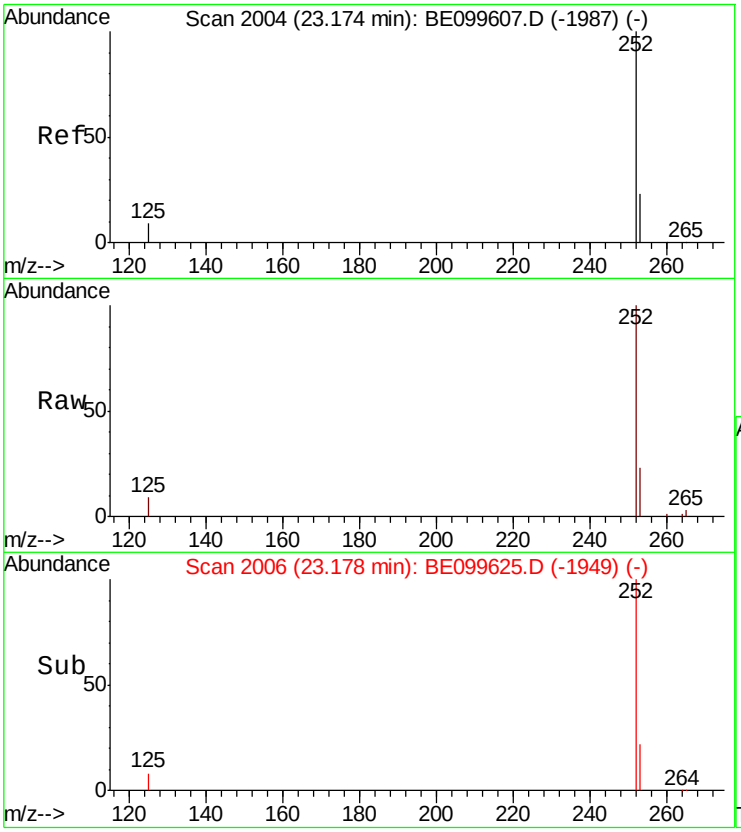


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:264 Resp: 18107

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	25.3	21.2	31.8



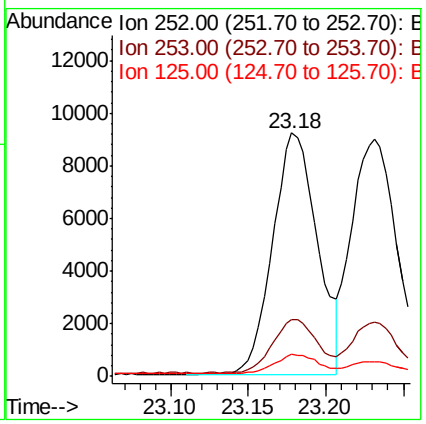


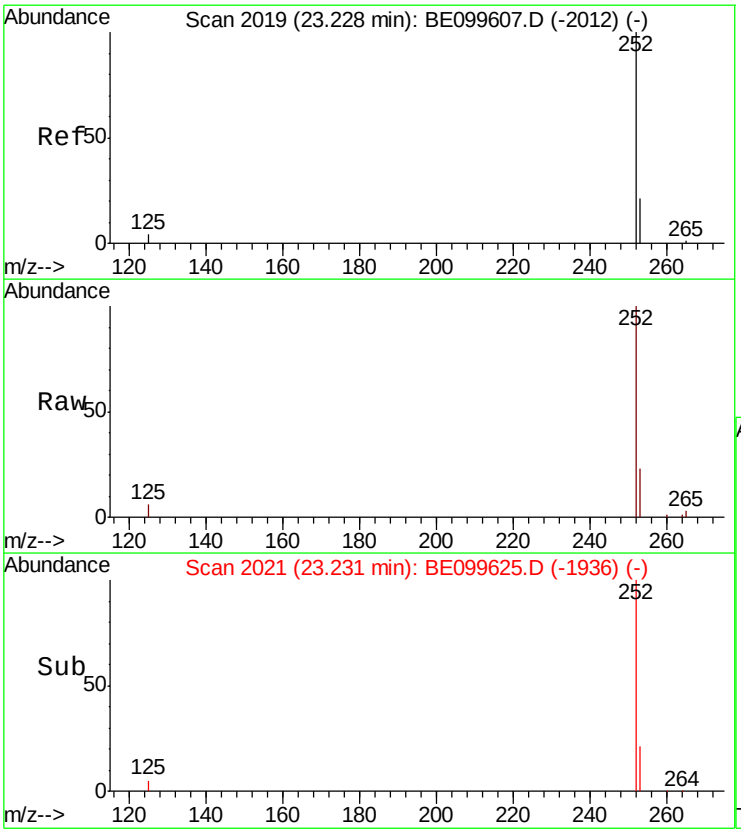
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:252 Resp: 18295

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	8.8	7.8	11.8

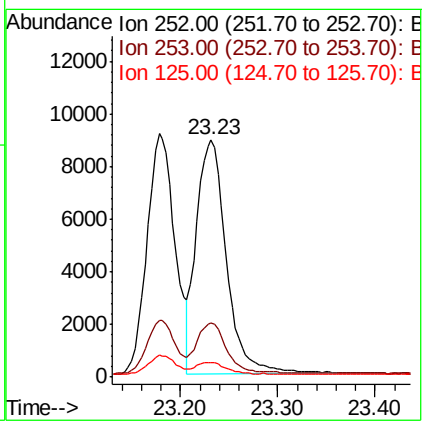


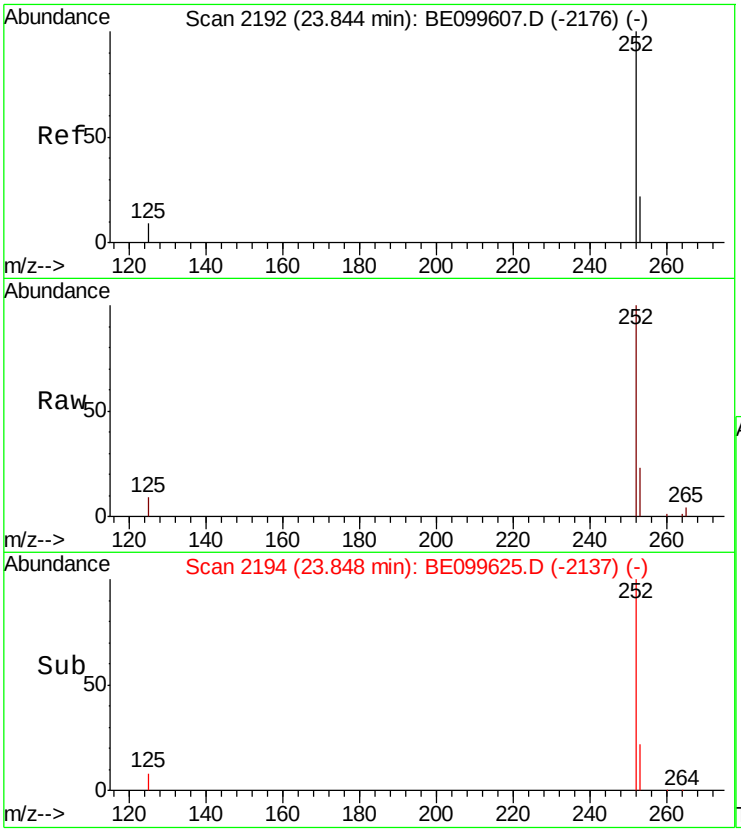


#36
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:252 Resp: 18918

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	6.1	5.2	7.8



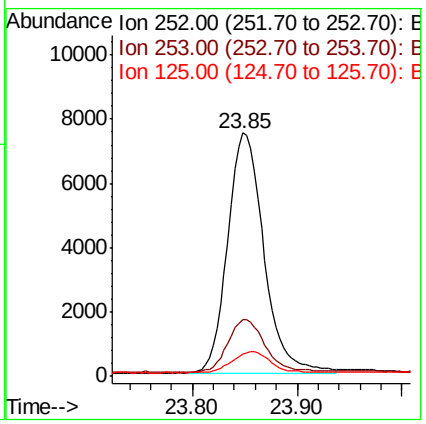


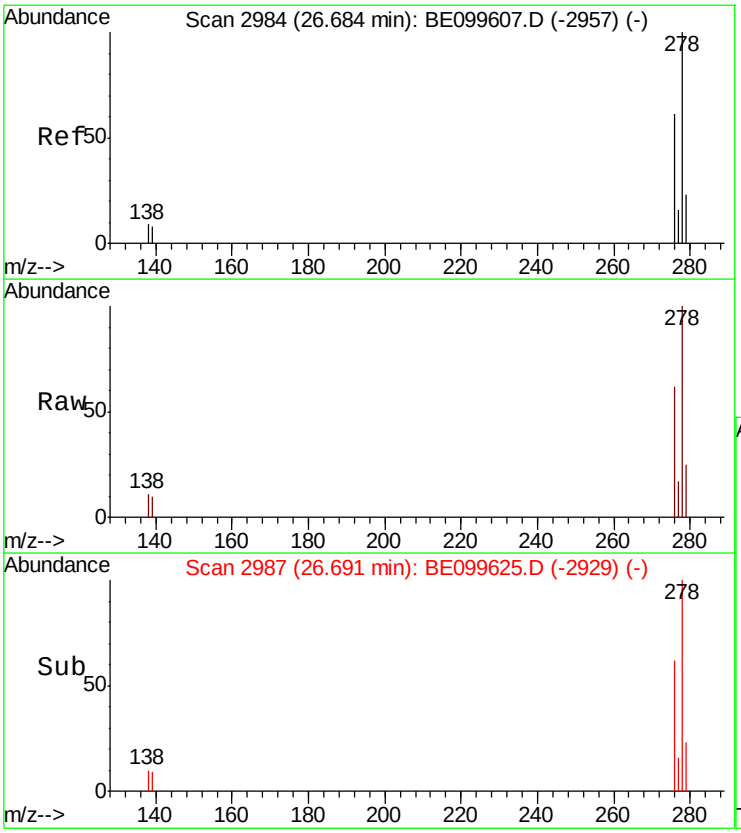
#37
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.85 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:252 Resp: 17962

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.6
125	9.0	8.8	13.2

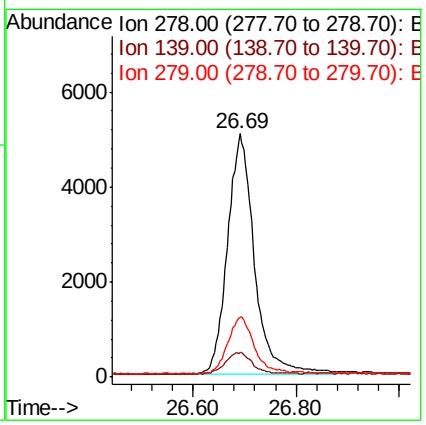


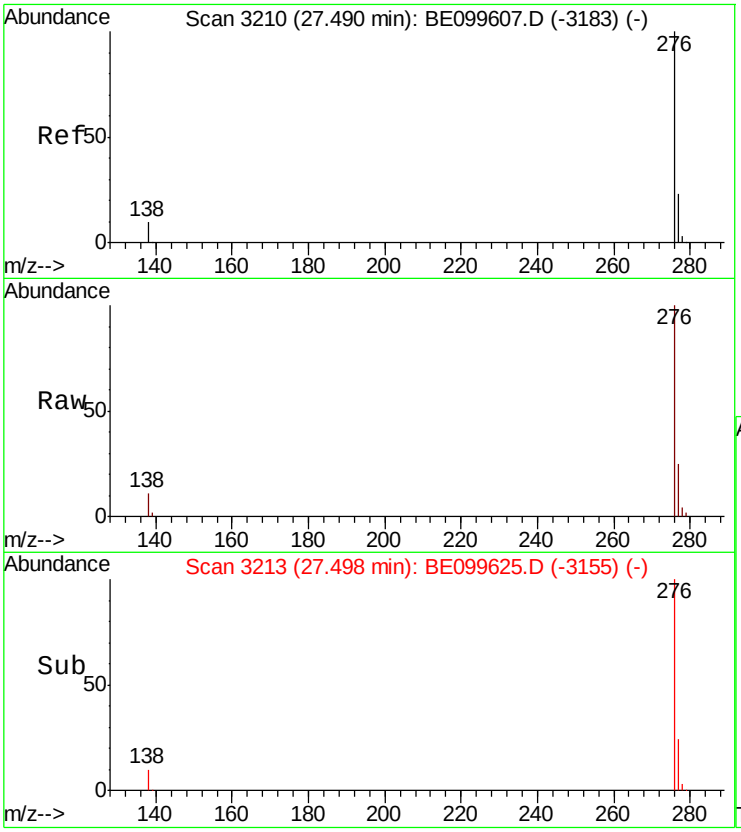


#38
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 26.69 min Scan# 2987
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:278 Resp: 18480

Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.9	11.9
279	24.5	19.5	29.3





#39
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 27.50 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:276 Resp: 18729

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	11.1	9.1	13.7