Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099764.D
Acq On : 28 May 2019 19:31
Operator : JU/SJ
Sample : K3037-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 29 04:10:47 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 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1217	0.40	ng		-0.02
7) Naphthalene-d8	10.60	136	4510	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	3624	0.40	ng		-0.02
19) Phenanthrene-d10	17.21	188	10663	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	15504	0.40	ng		-0.01
34) Perylene-d12	23.94	264	18346	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	611	0.20	ng		0.00
5) Phenol-d6	6.97	99	540	0.13	ng		0.00
8) Nitrobenzene-d5	8.96	82	1651	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	4758	0.61	ng		-0.02
14) 2,4,6-Tribromophenol	15.97	330	1084	0.52	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	5491	0.40	ng		-0.02
25) Fluoranthene-d10	19.25	212	59546	0.41	ng		-0.01
29) Terphenyl-d14	19.85	244	17656	0.64	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	394	0.219	ng	#	78
3) n-Nitrosodimethylamine	3.60	42	196	0.197	ng	#	98
6) bis(2-Chloroethyl)ether	7.22	93	1507	0.416	ng		97
9) Naphthalene	10.65	128	19207	0.398	ng		99
10) Hexachlorobutadiene	10.93	225	1193	0.336	ng		98
12) 2-Methylnaphthalene	12.28	142	3350	0.426	ng		98
16) Acenaphthylene	14.20	152	6555	0.388	ng		99
17) Acenaphthene	14.54	154	3620	0.382	ng		98
18) Fluorene	15.51	166	5560	0.398	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	2414	0.393	ng		95
21) Hexachlorobenzene	16.52	284	2217	0.352	ng		96
22) Pentachlorophenol	16.87	266	2937	1.495	ng		90
23) Phenanthrene	17.25	178	10938	0.420	ng		98
24) Anthracene	17.35	178	10472	0.443	ng		97
26) Fluoranthene	19.28	202	17891	0.434	ng		98
28) Pyrene	19.64	202	18718	0.481	ng		99
30) Benzo(a)anthracene	21.39	228	21555	0.489	ng		98
31) Chrysene	21.44	228	20801	0.442	ng		97
32) Bis(2-ethylhexyl)phthalate	21.30	149	53696	1.058	ng		100
33) Indeno(1,2,3-cd)pyrene	26.63	276	22936	0.403	ng		99
35) Benzo(b)fluoranthene	23.16	252	20484	0.407	ng	#	93
36) Benzo(k)fluoranthene	23.21	252	20400	0.389	ng	#	94
37) Benzo(a)pyrene	23.82	252	19707	0.407	ng	#	96
38) Dibenzo(a,h)anthracene	26.66	278	18700	0.368	ng	#	96
39) Benzo(g,h,i)perylene	27.46	276	19833	0.387	ng		99

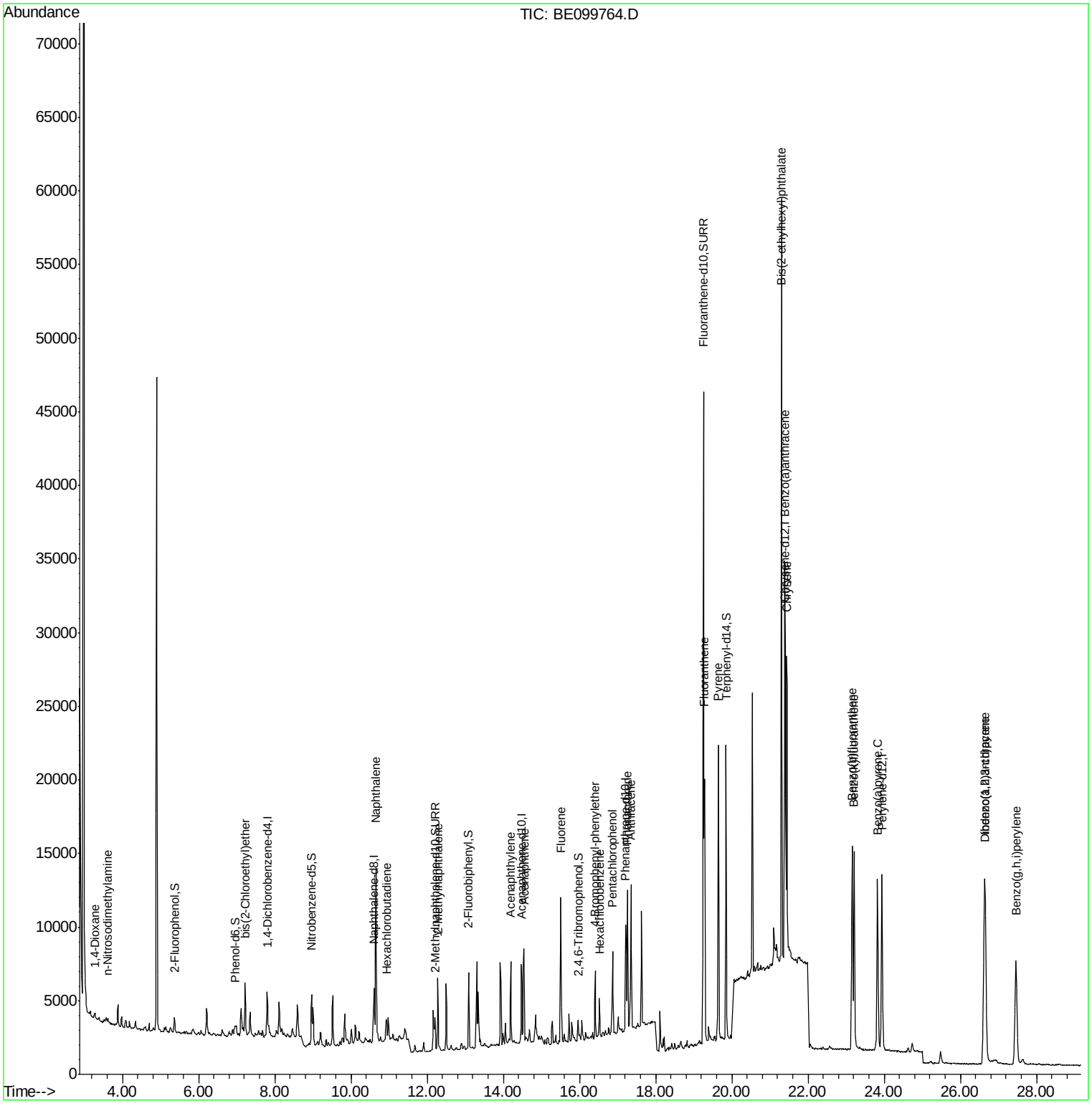
(#) = qualifier out of range (m) = manual integration (+) = signals summed

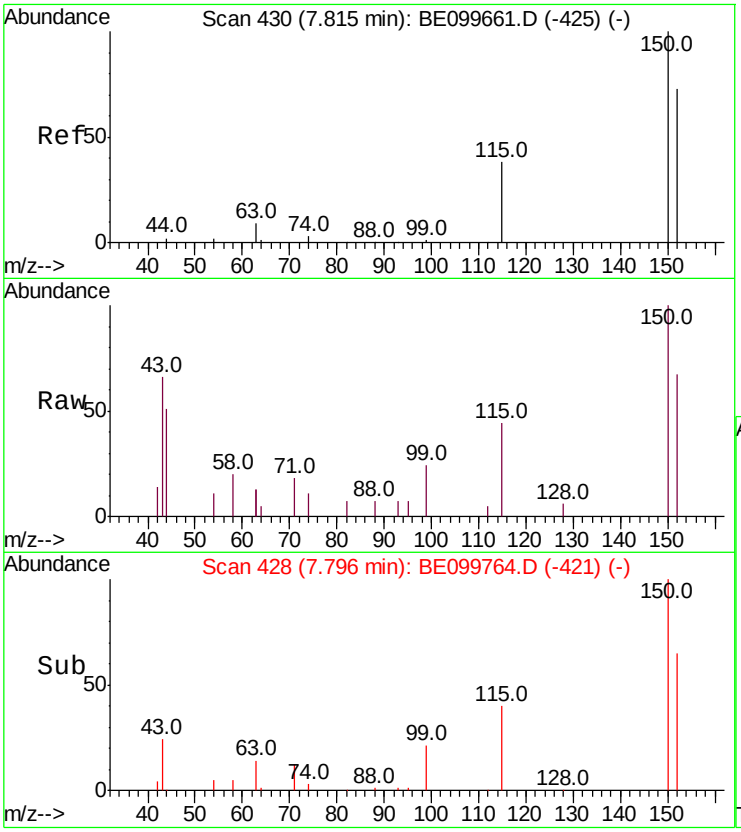
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099764.D
Acq On : 28 May 2019 19:31
Operator : JU/SJ
Sample : K3037-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 29 04:10:47 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 19:29:40 2019
Response via : Initial Calibration



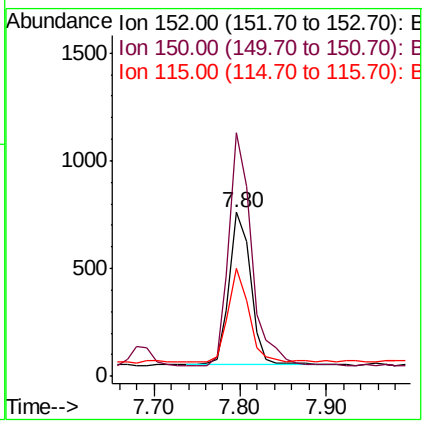


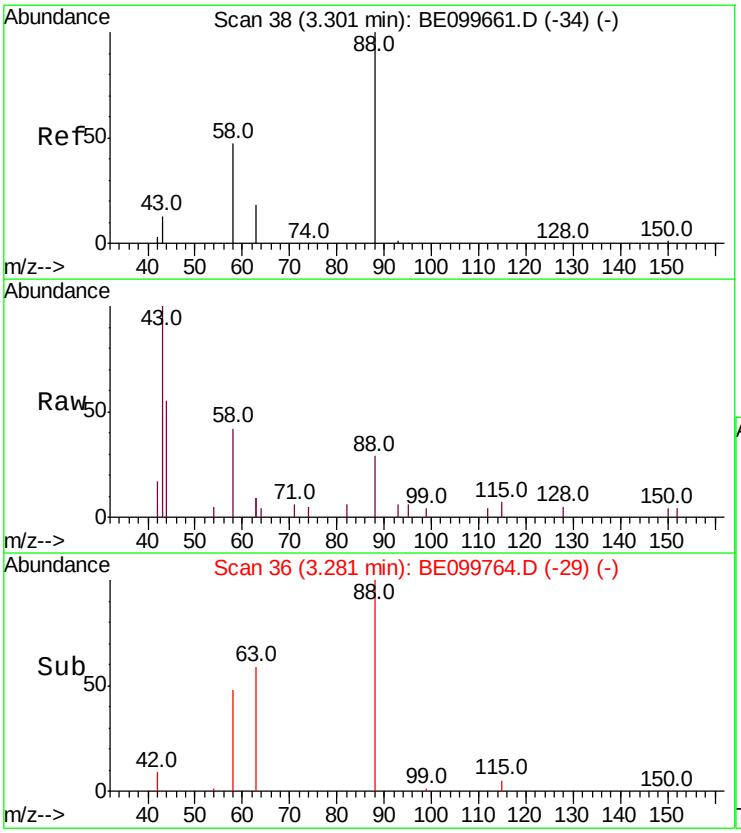
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1217

Ion	Ratio	Lower	Upper
152	100		
150	148.6	109.2	163.8
115	65.7	43.7	65.5#

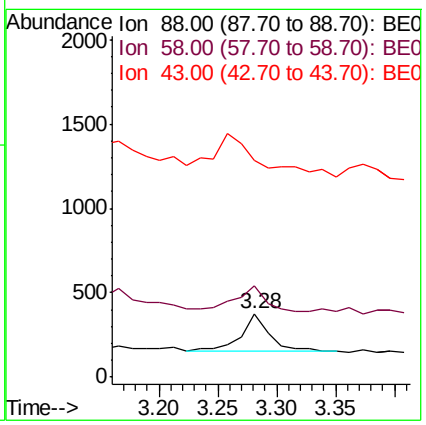


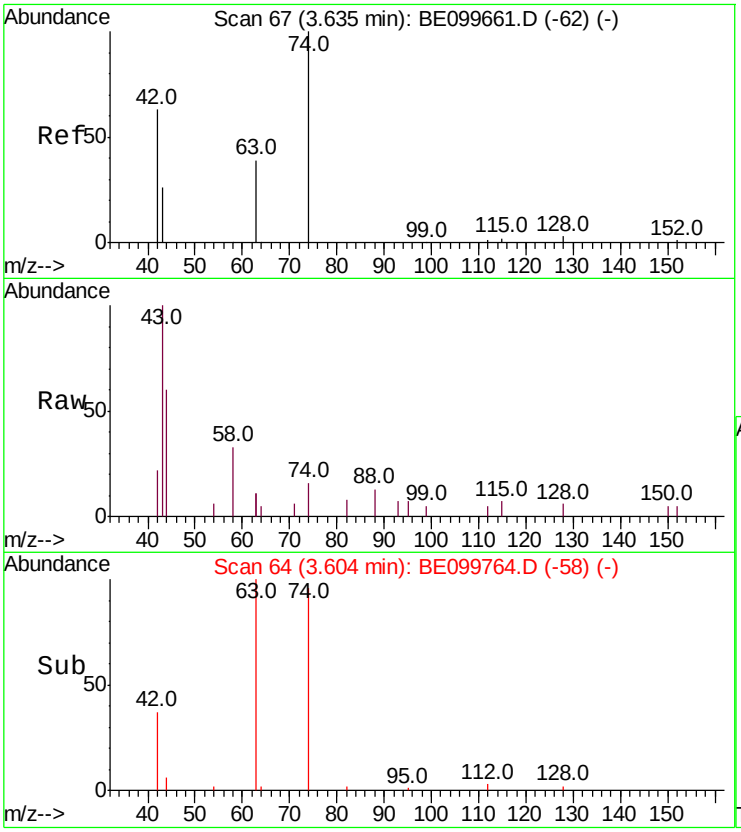


#2
1,4-Dioxane
Concen: 0.219 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion: 88 Resp: 394

Ion	Ratio	Lower	Upper
88	100		
58	63.2	41.8	62.8#
43	0.0	15.0	22.4#



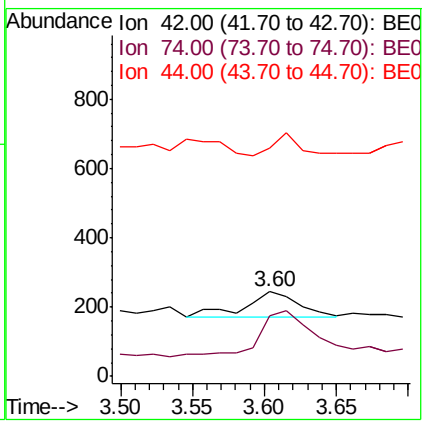


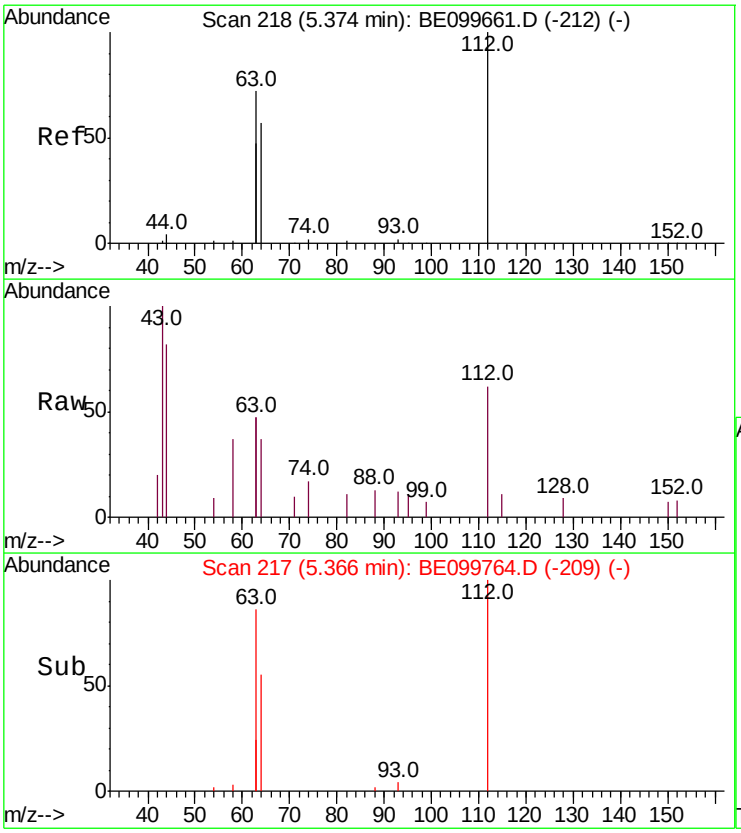
#3
n-Nitrosodimethylamine
Concen: 0.197 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.03 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 196

Ion	Ratio	Lower	Upper
42	100		
74	164.8	129.2	193.8
44	39.8	0.0	0.0#

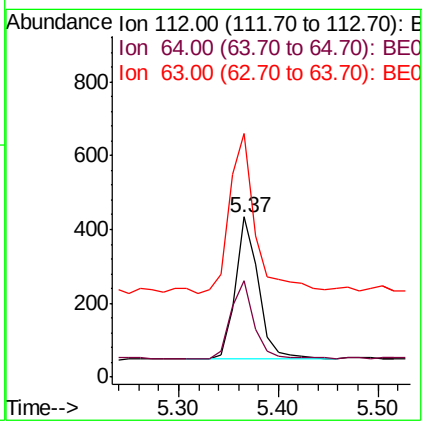


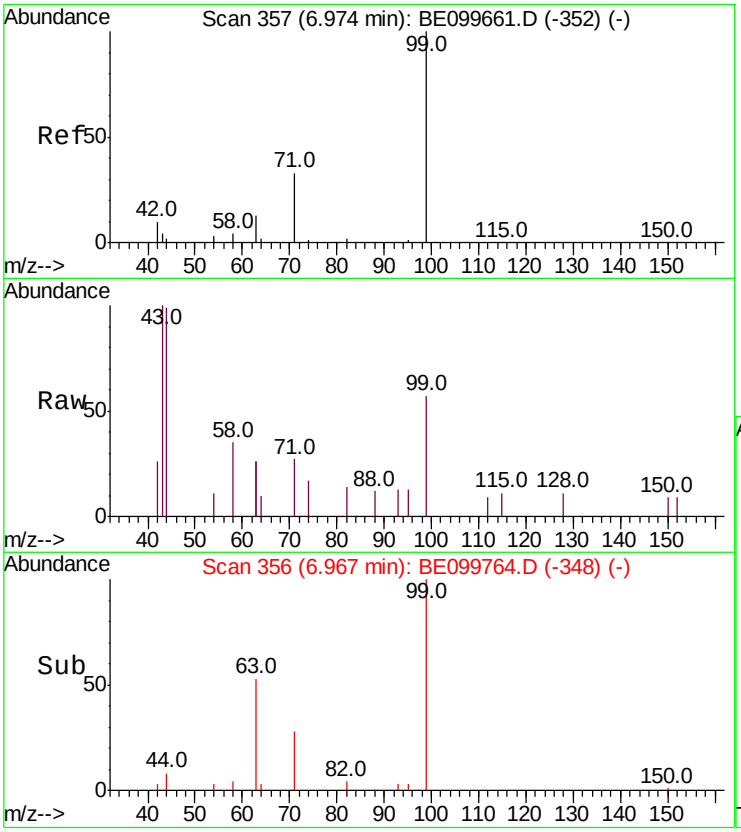


#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:112 Resp: 611

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.4	65.2
63	127.3	96.9	145.3



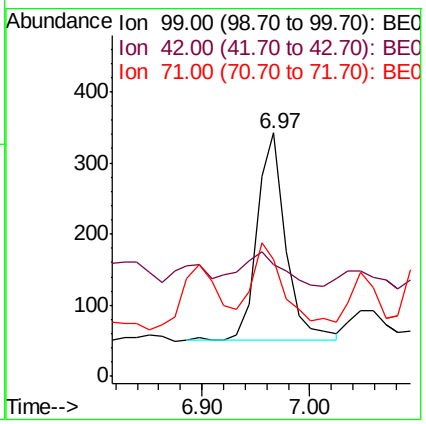


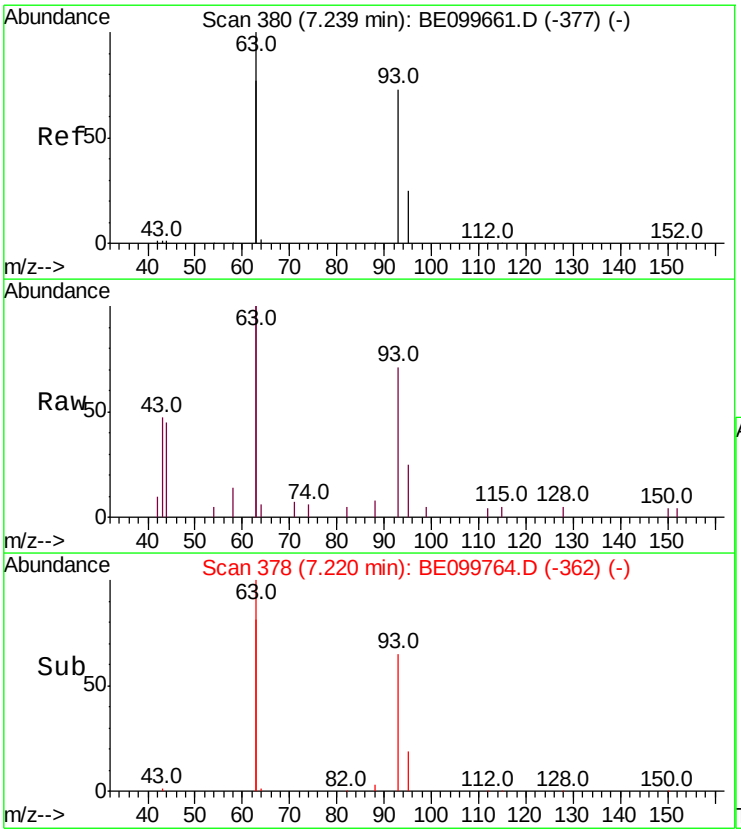
#5
Phenol-d6
Concen: 0.133 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 540

Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.2	18.2#
71	38.7	28.9	43.3

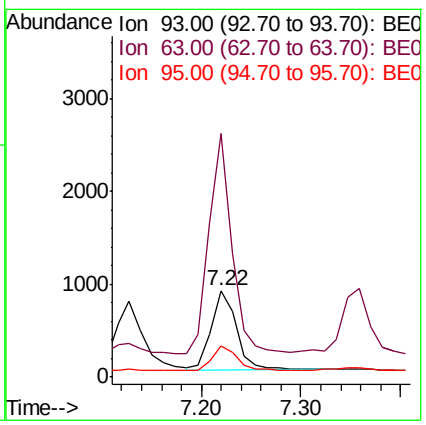


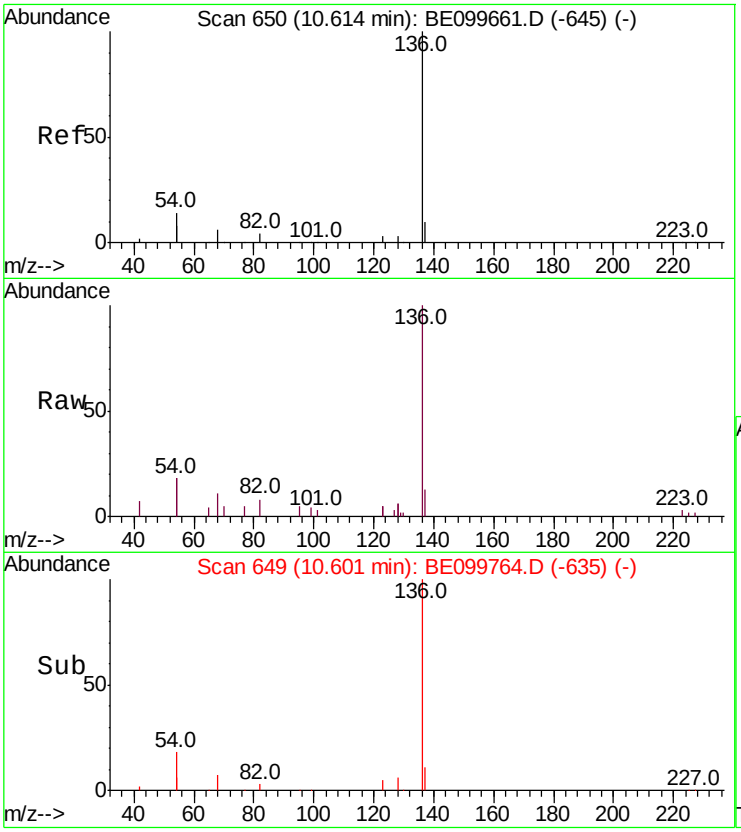


#6
bis(2-Chloroethyl)ether
Concen: 0.416 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion: 93 Resp: 1507

Ion	Ratio	Lower	Upper
93	100		
63	254.4	207.8	311.6
95	30.3	25.9	38.9



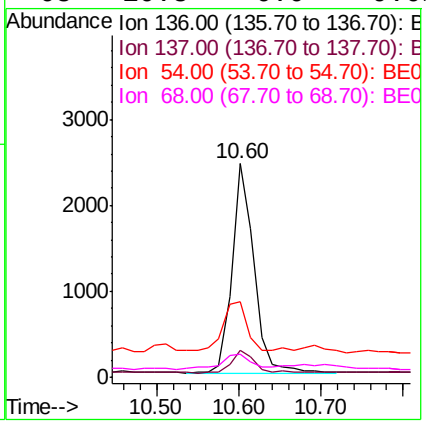


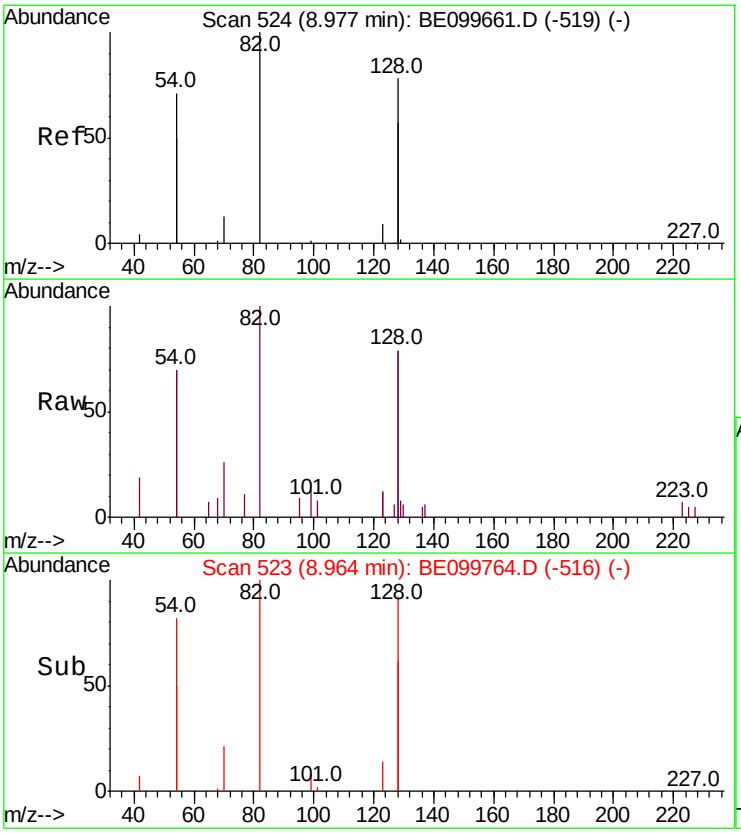
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4510

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.0	13.6
54	35.6	22.3	33.5#
68	10.8	6.0	9.0#

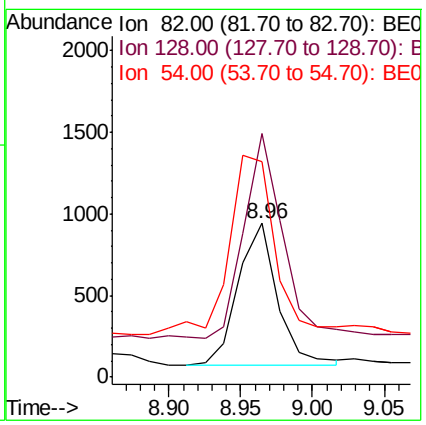


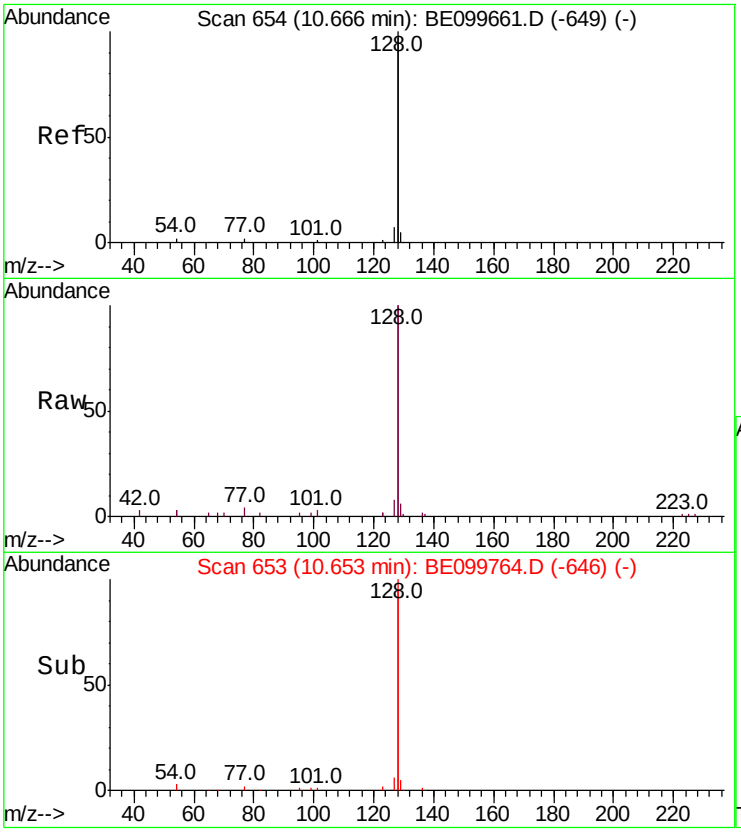


#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion: 82 Resp: 1651

Ion	Ratio	Lower	Upper
82	100		
128	158.2	117.7	176.5
54	139.8	106.6	160.0



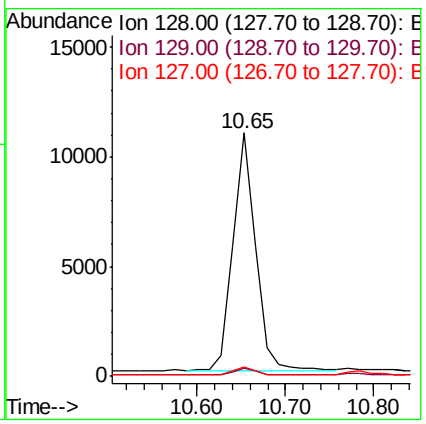


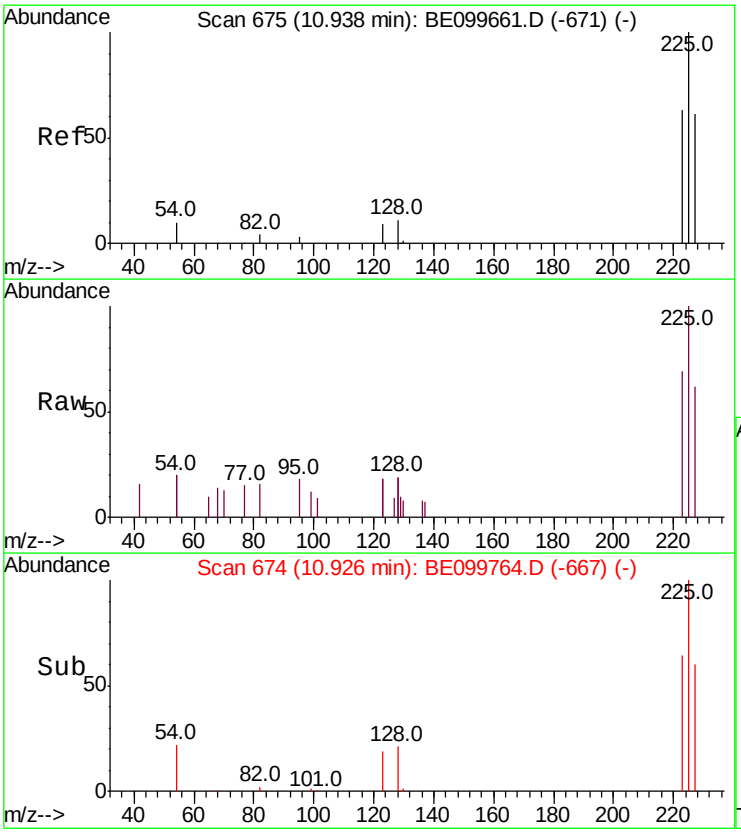
#9
Naphthalene
Concen: 0.398 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 19207

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.4	3.6
127	3.8	2.9	4.3

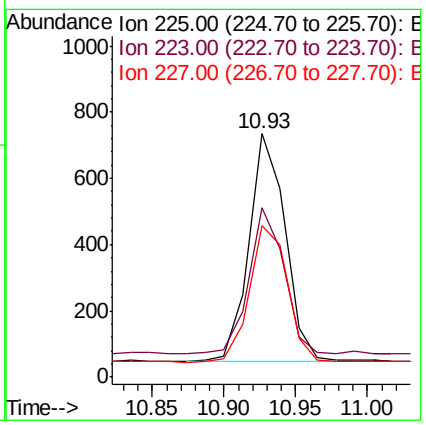


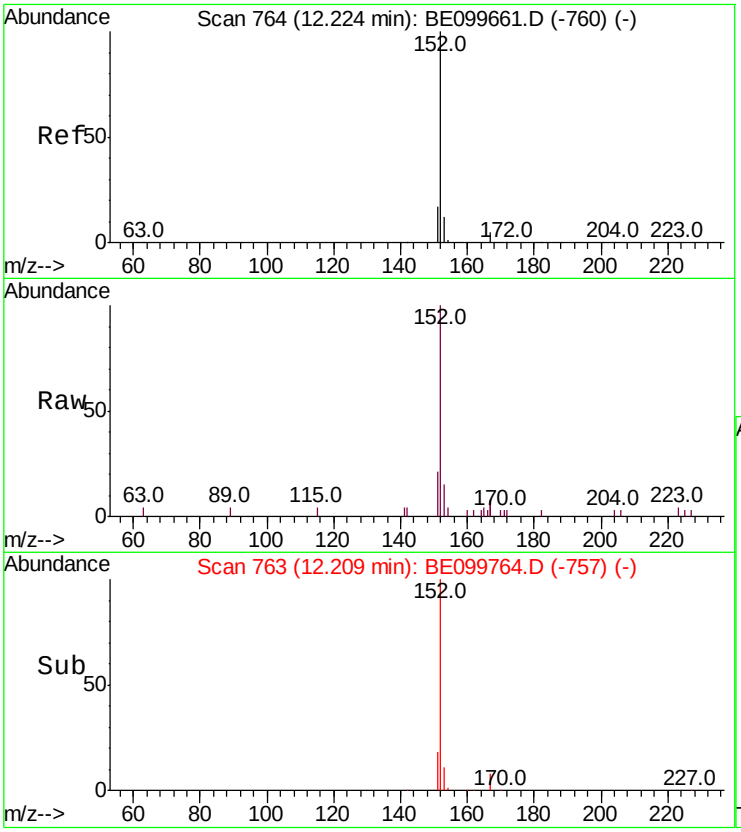


#10
Hexachlorobutadiene
Concen: 0.336 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:225 Resp: 1193

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.8	77.6
227	64.1	52.6	79.0



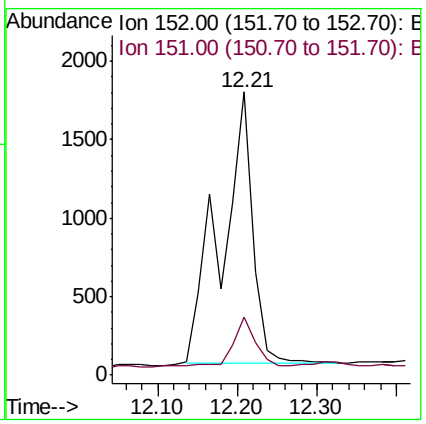


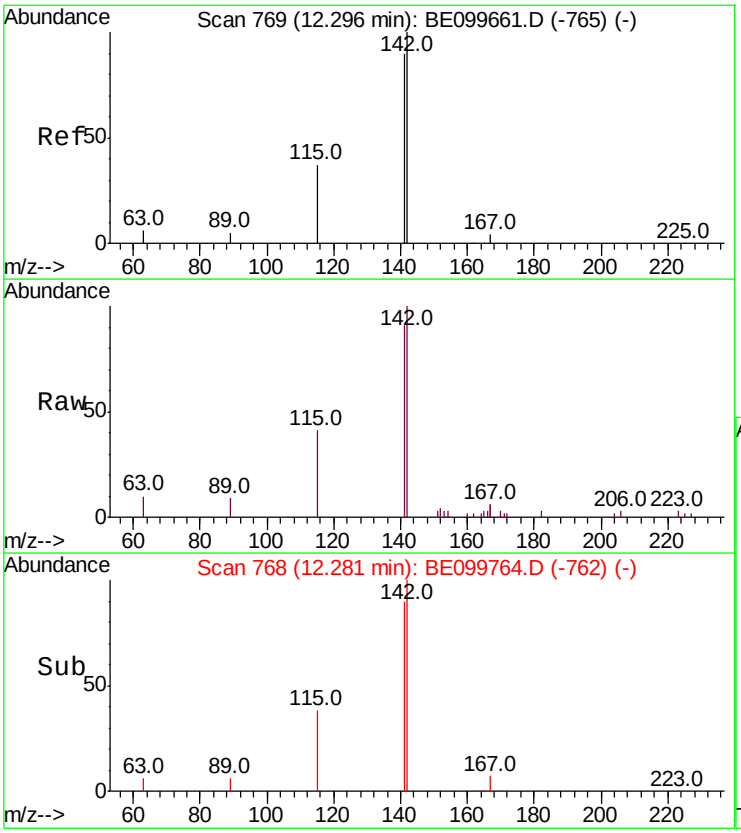
#11
2-Methylnaphthalene-d10
Concen: 0.611 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4758

Ion	Ratio	Lower	Upper
152	100		
151	12.1	15.0	22.4#

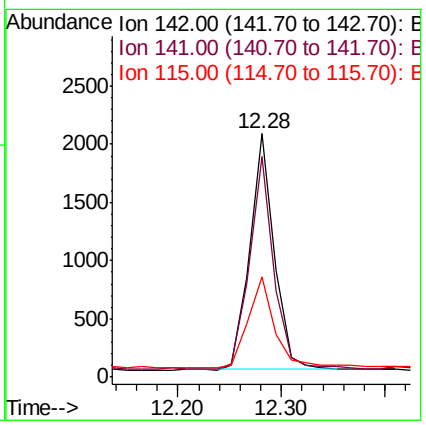


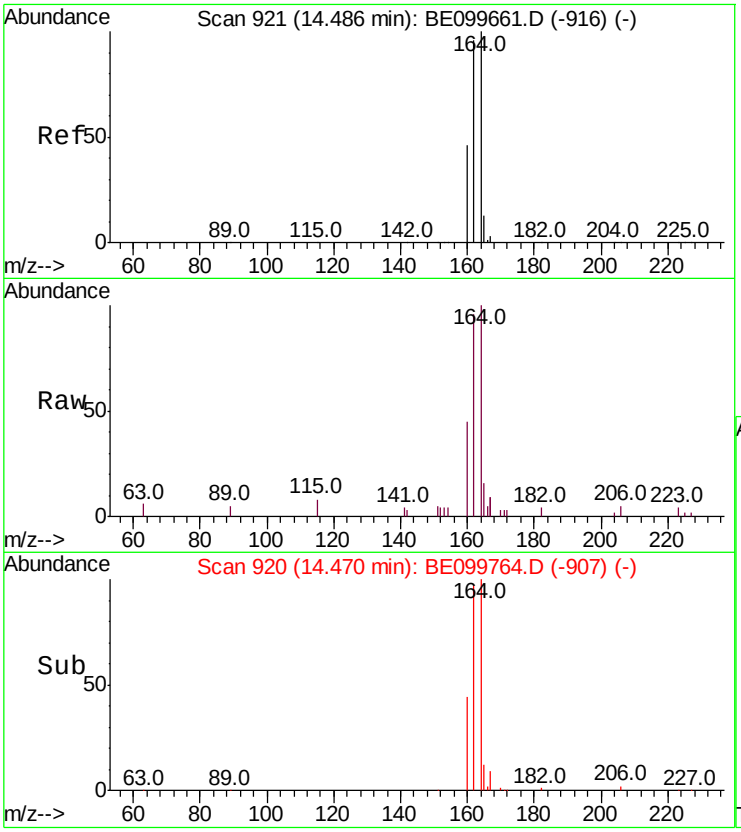


#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:142 Resp: 3350

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.0	108.0
115	41.1	31.0	46.4



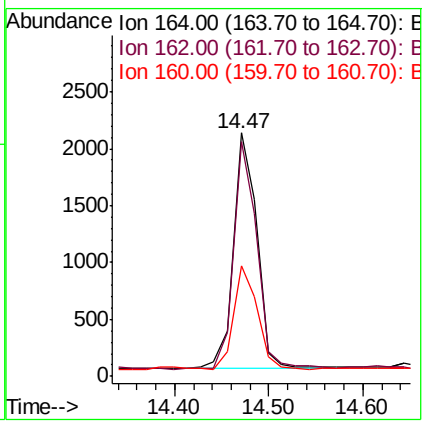


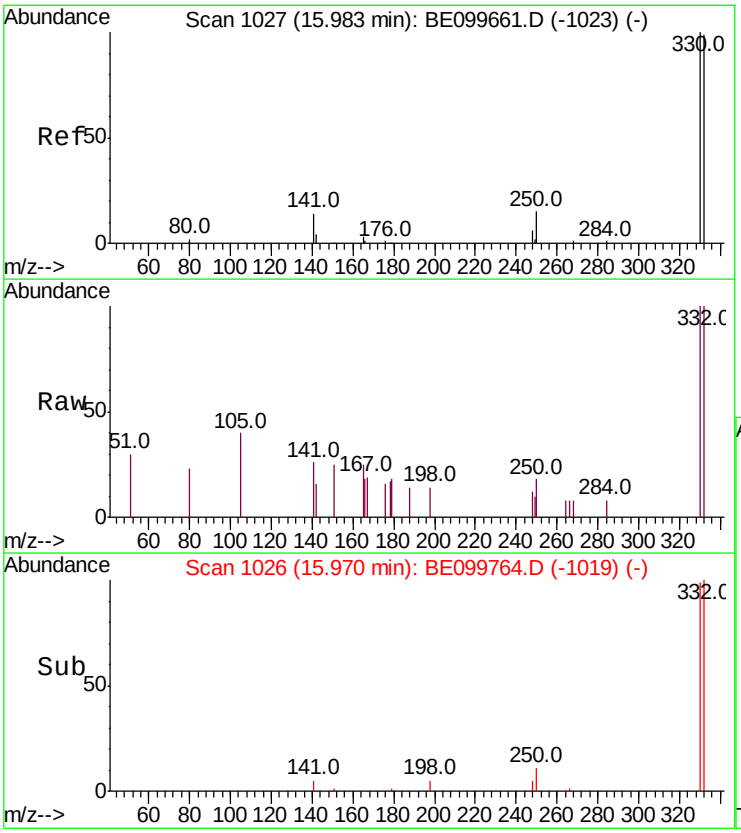
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3624

Ion	Ratio	Lower	Upper
164	100		
162	96.3	76.5	114.7
160	45.4	37.4	56.2

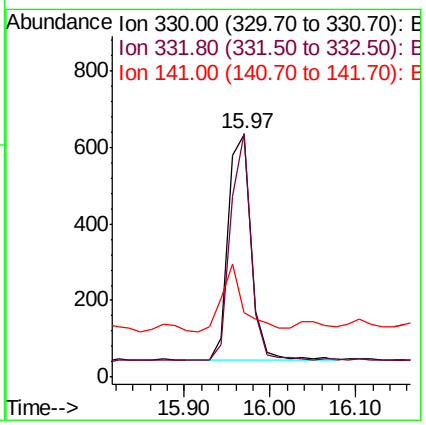


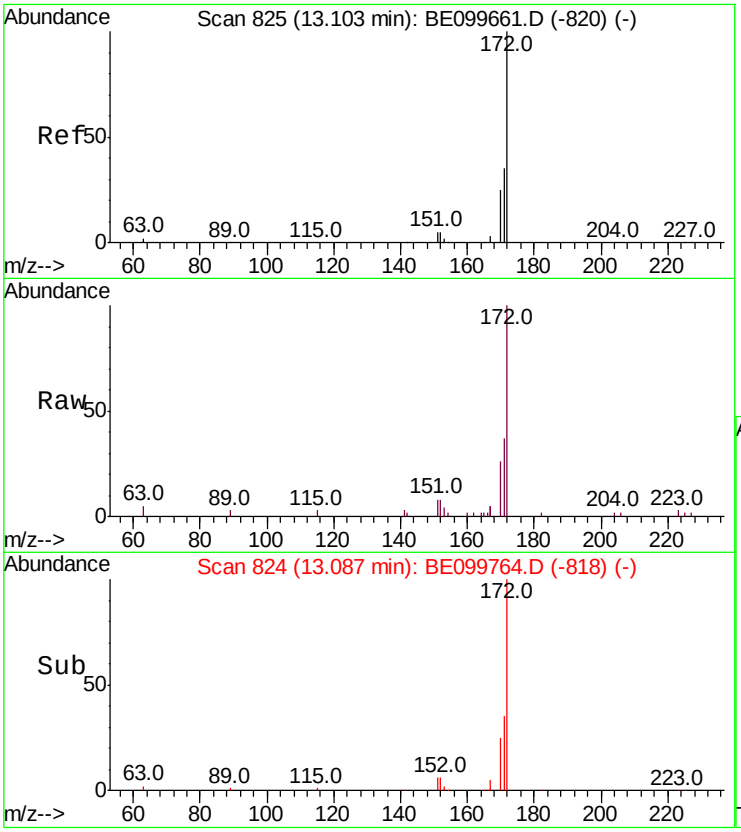


#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:330 Resp: 1084

Ion	Ratio	Lower	Upper
330	100		
332	90.1	77.3	115.9
141	28.9	18.9	28.3#



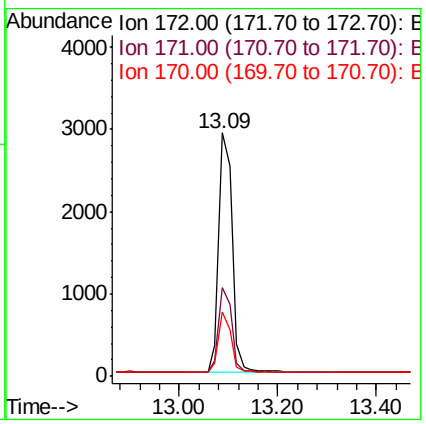


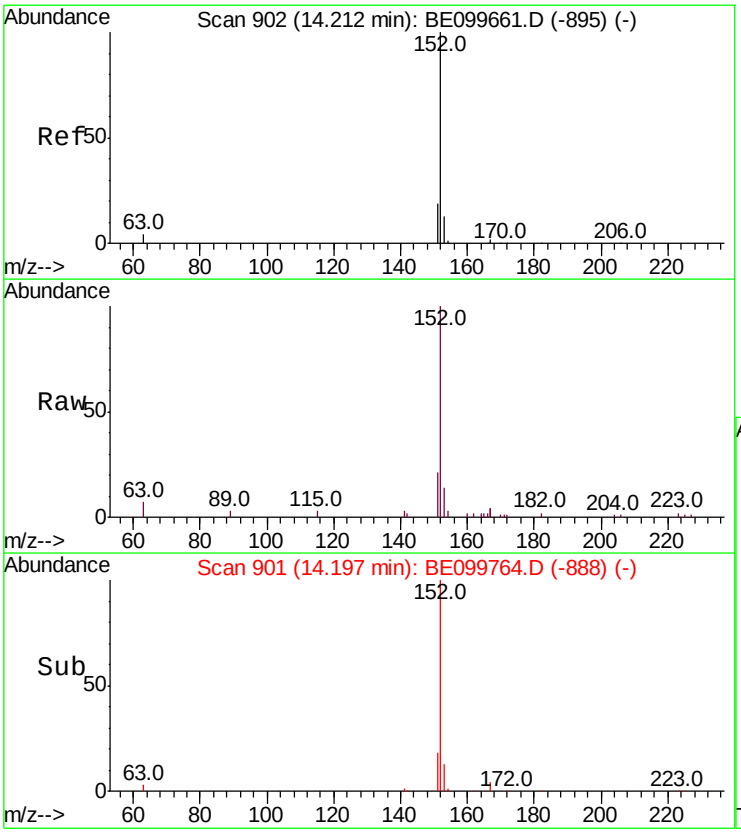
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5491

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.7	43.1
170	26.2	20.9	31.3

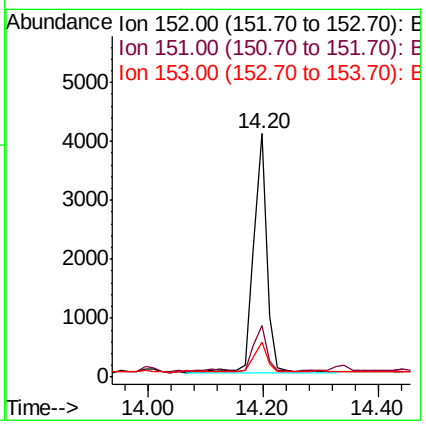


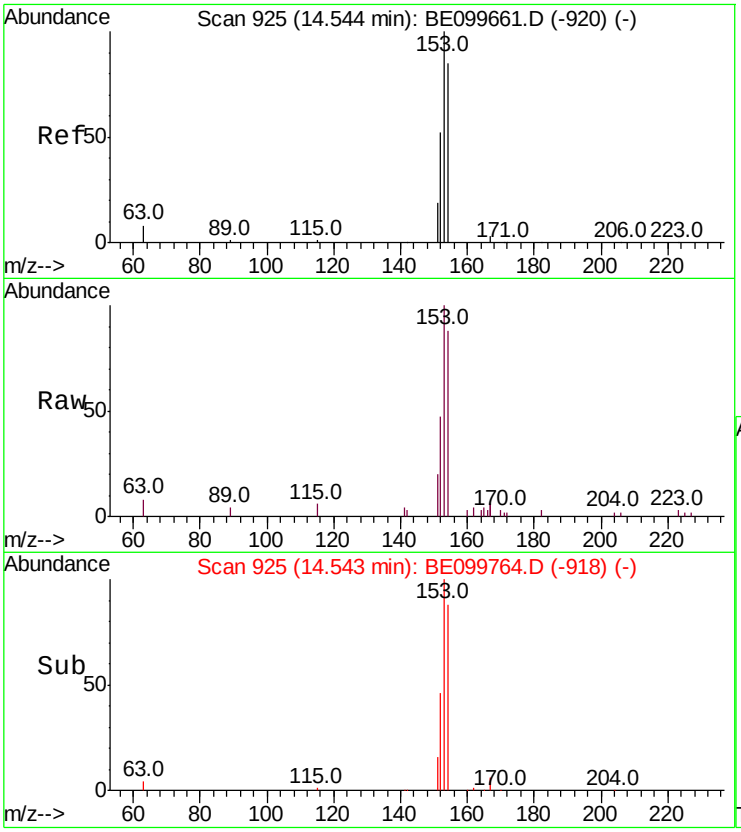


#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:152 Resp: 6555

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.2	10.6	16.0



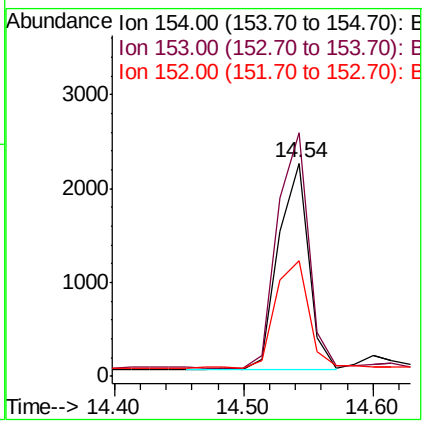


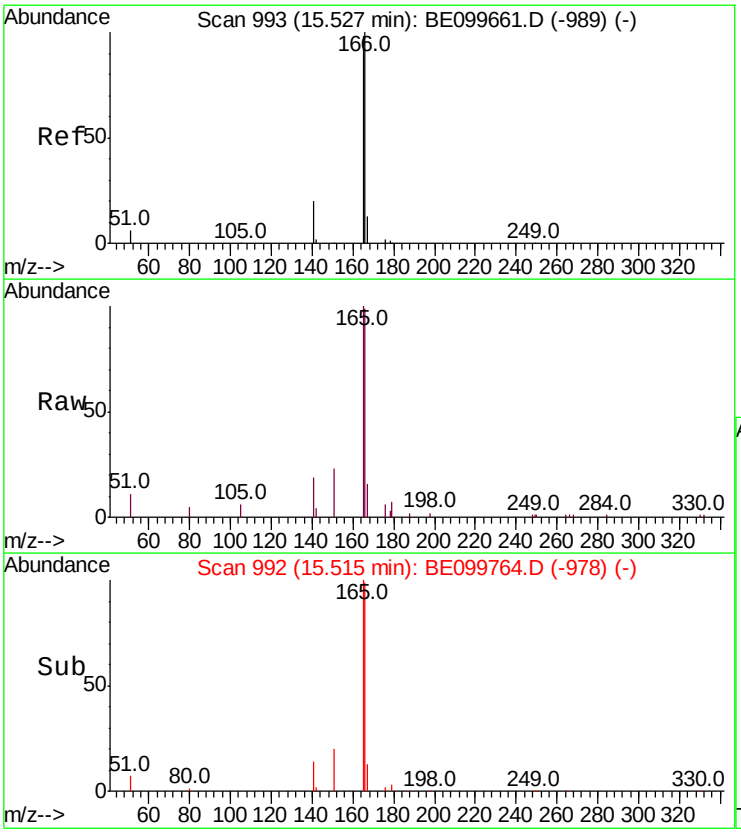
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3620

Ion	Ratio	Lower	Upper
154	100		
153	116.9	91.8	137.6
152	56.3	46.0	69.0

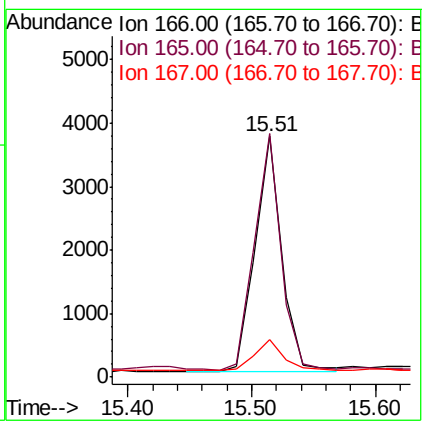


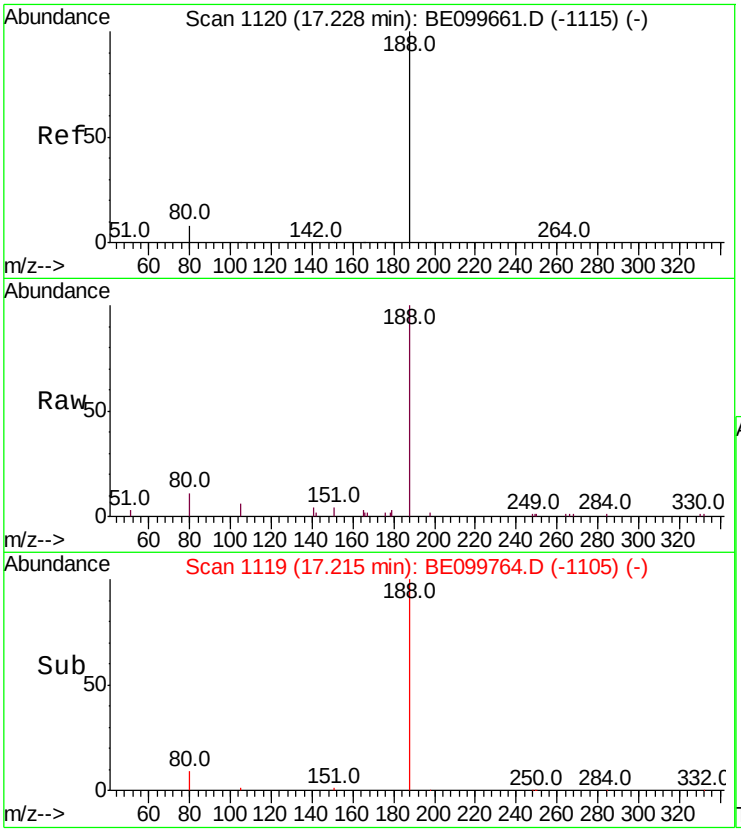


#18
Fluorene
Concen: 0.398 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:166 Resp: 5560

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.3	120.5
167	14.6	10.6	16.0



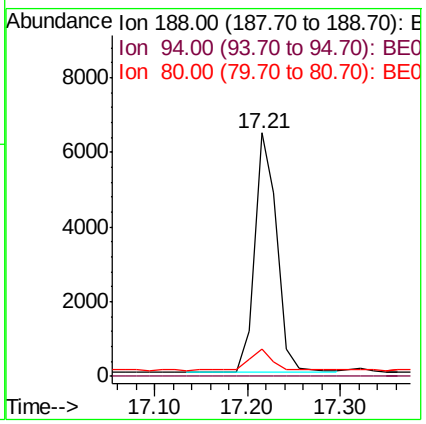


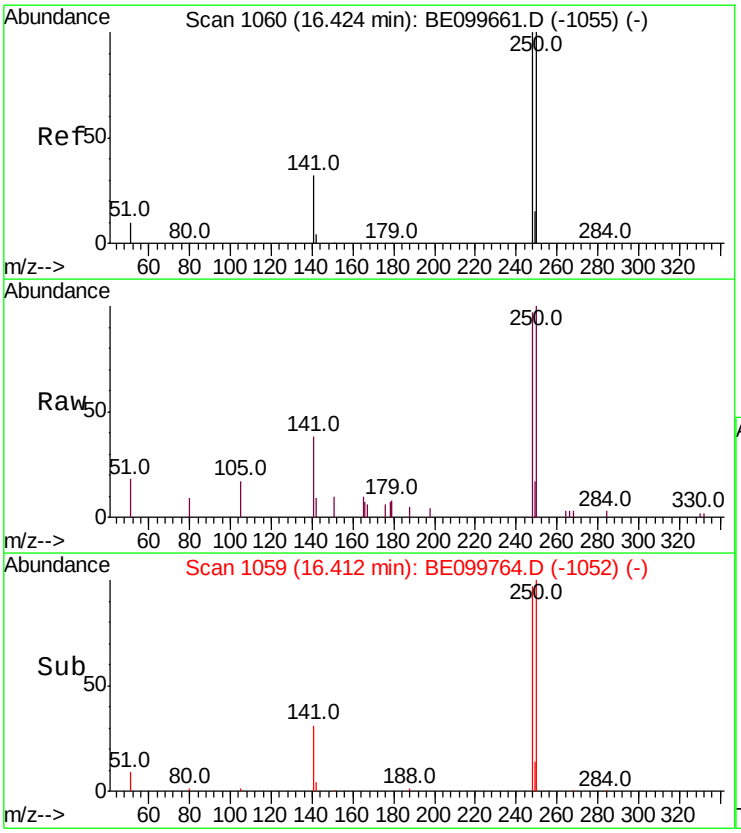
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10663

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	6.7	10.1#

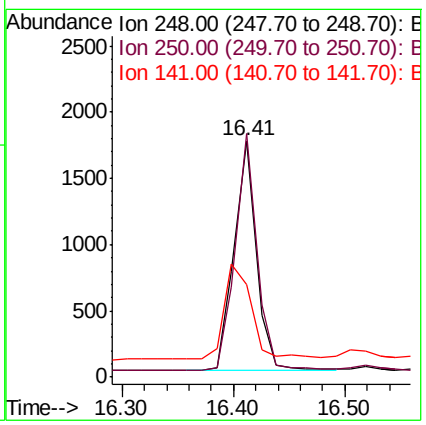


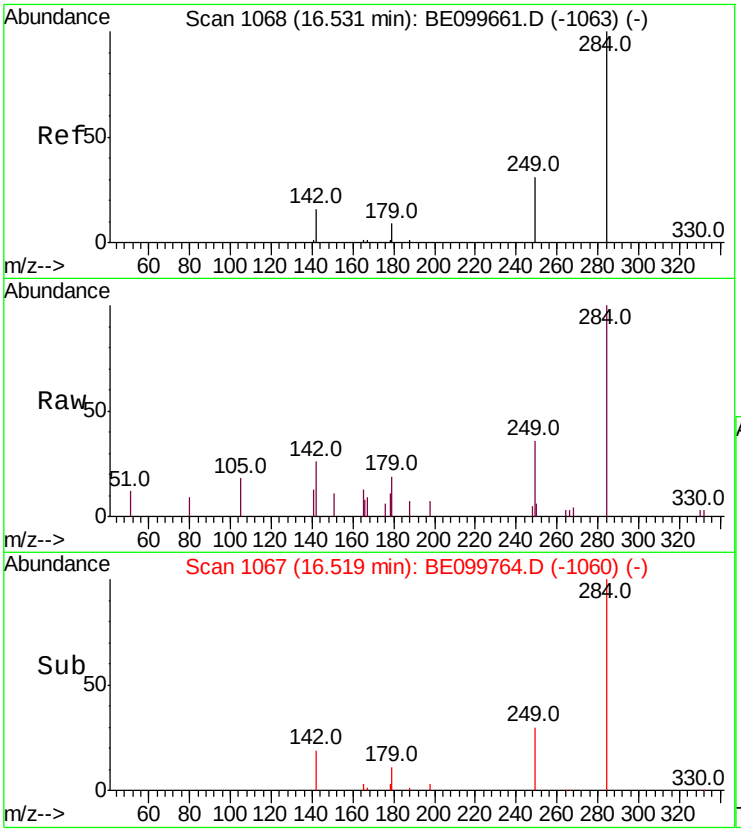


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:248 Resp: 2414

Ion	Ratio	Lower	Upper
248	100		
250	103.0	79.8	119.8
141	39.0	27.0	40.6



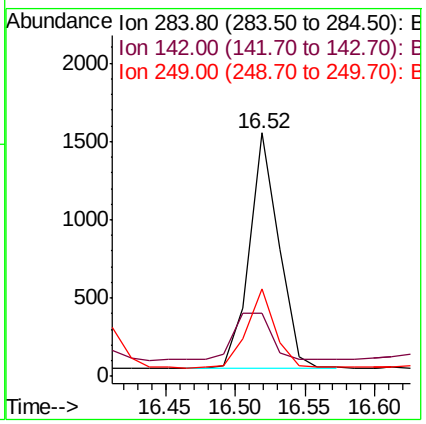


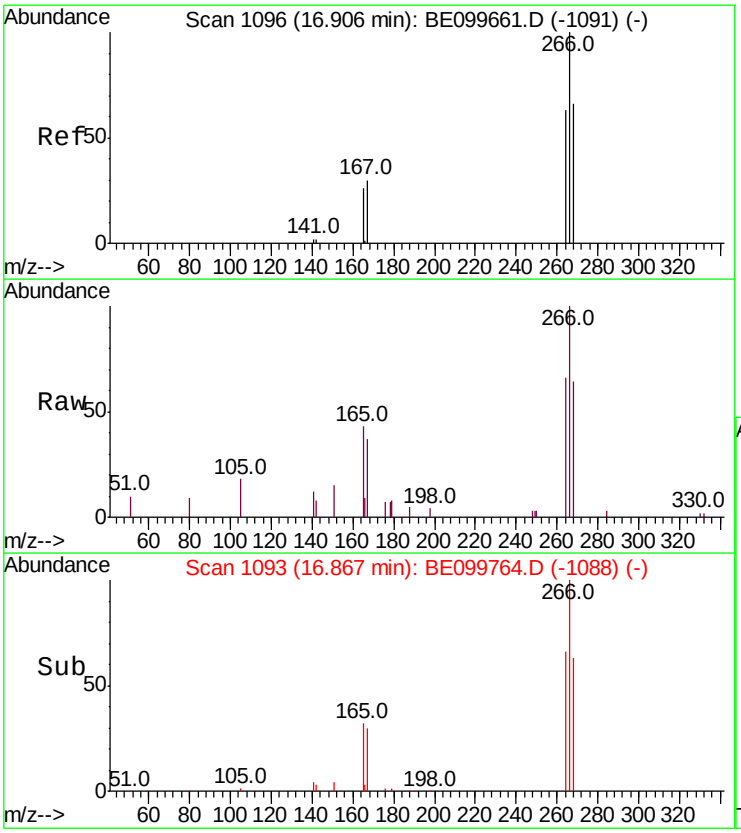
#21
Hexachlorobenzene
Concen: 0.352 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2217

Ion	Ratio	Lower	Upper
284	100		
142	25.1	17.8	26.6
249	32.5	24.8	37.2

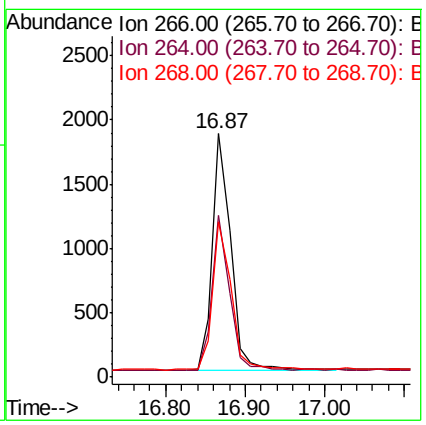


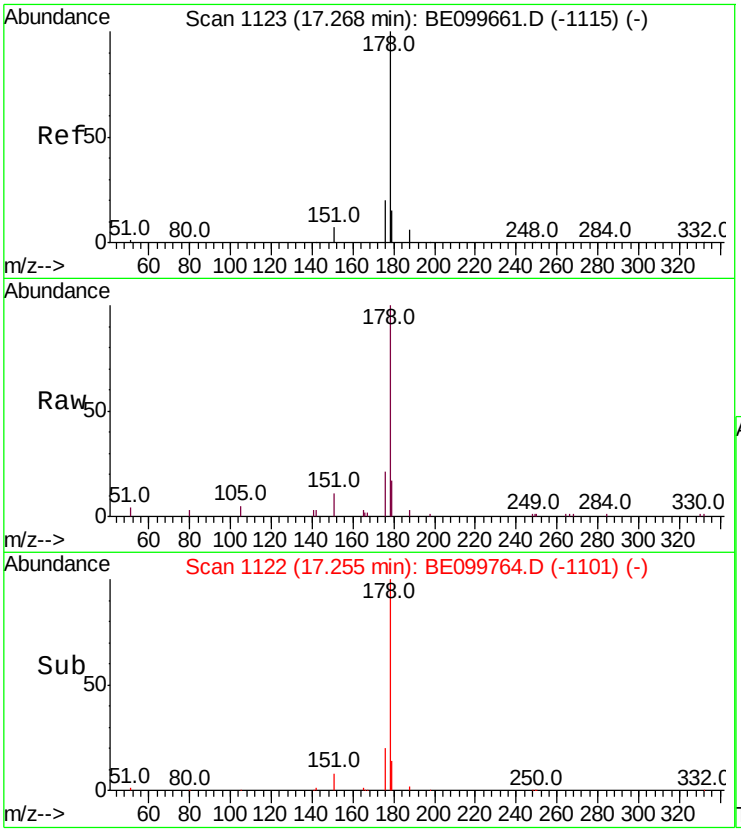


#22
Pentachlorophenol
Concen: 1.495 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:266 Resp: 2937

Ion	Ratio	Lower	Upper
266	100		
264	66.3	57.2	85.8
268	64.0	60.5	90.7



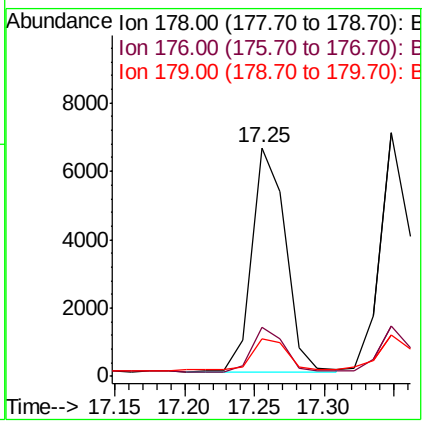


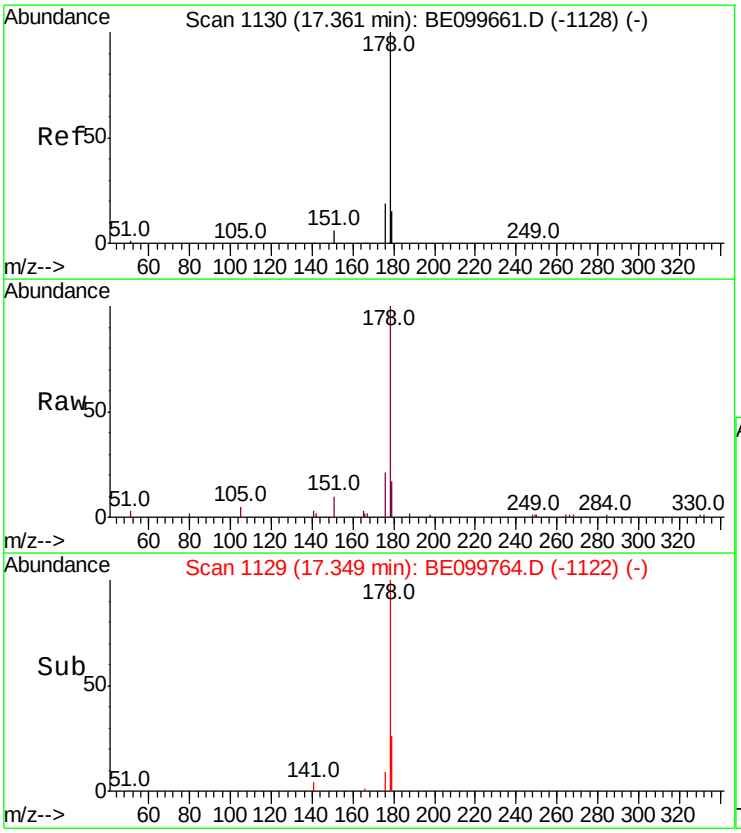
#23
Phenanthrene
Concen: 0.420 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10938

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	17.0	12.2	18.4

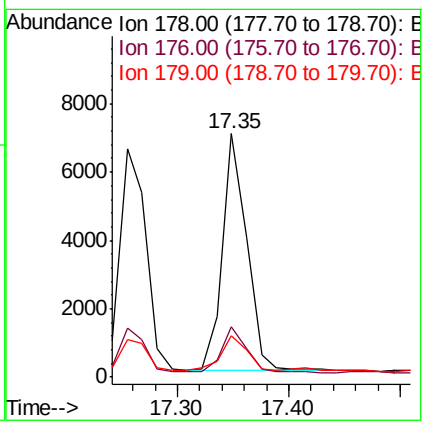


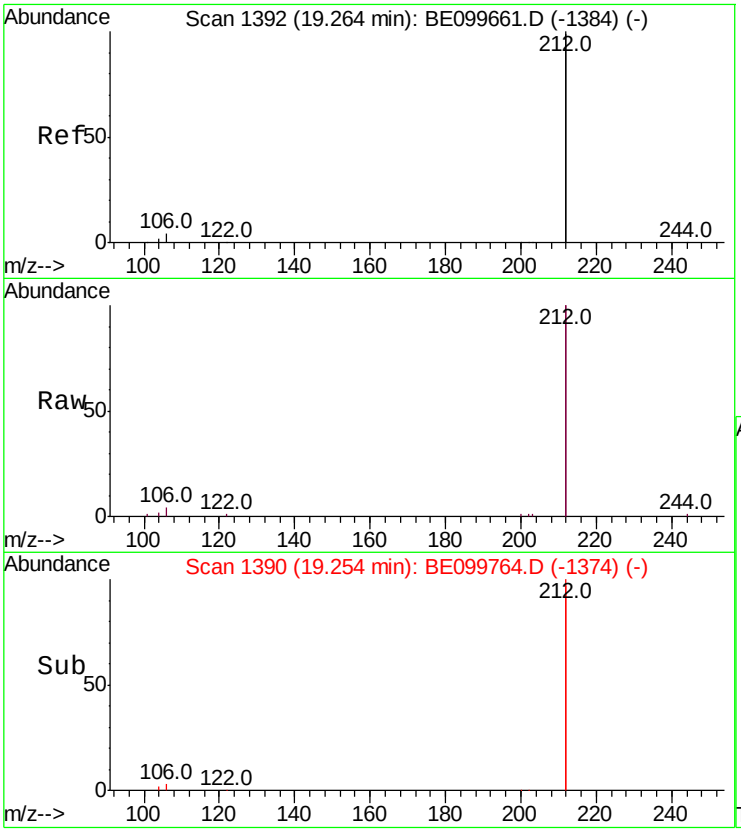


#24
Anthracene
Concen: 0.443 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:178 Resp: 10472

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.7	22.1
179	15.7	12.0	18.0



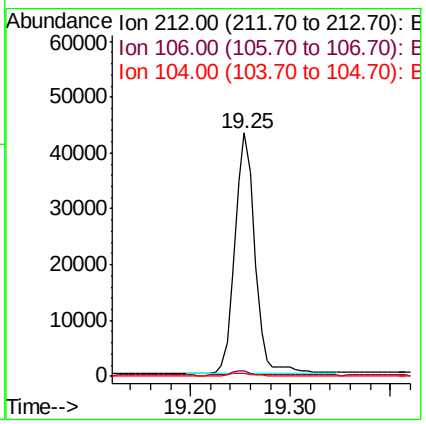


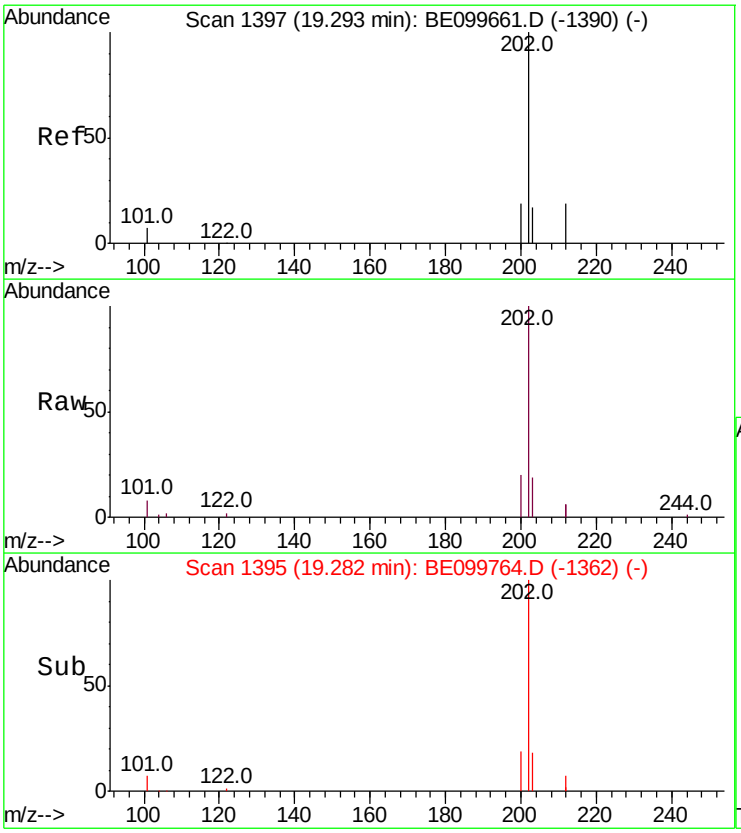
#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 59546

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

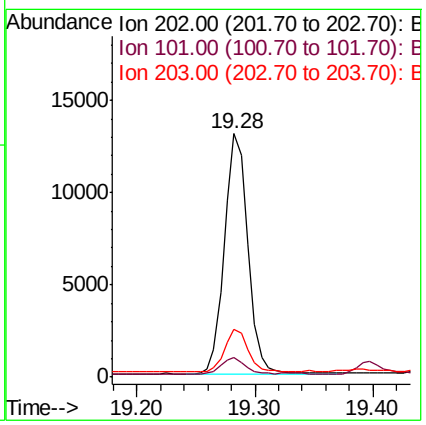


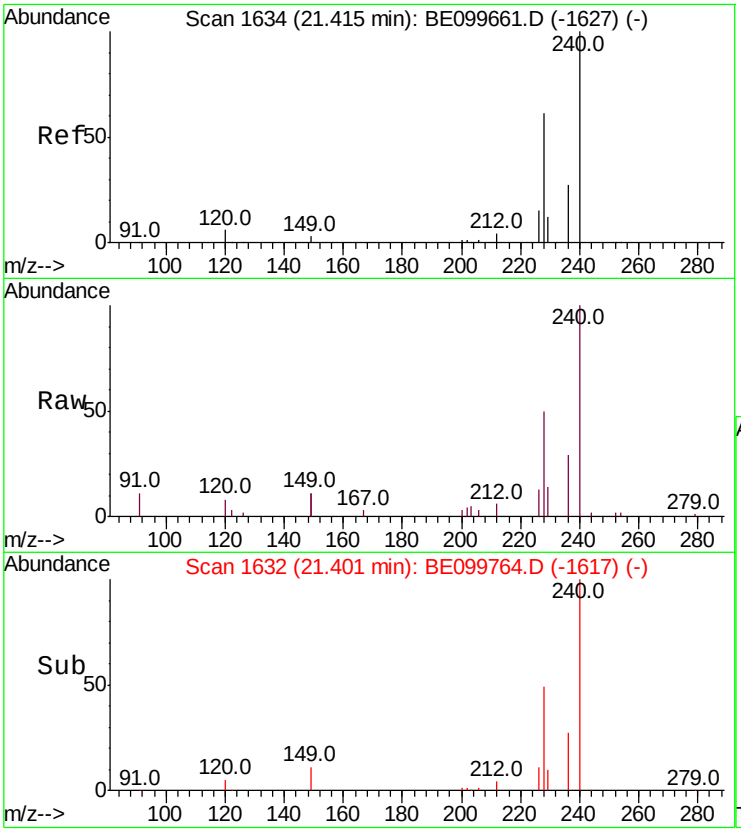


#26
Fluoranthene
Concen: 0.434 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:202 Resp: 17891

Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.2	7.8
203	17.6	13.8	20.6



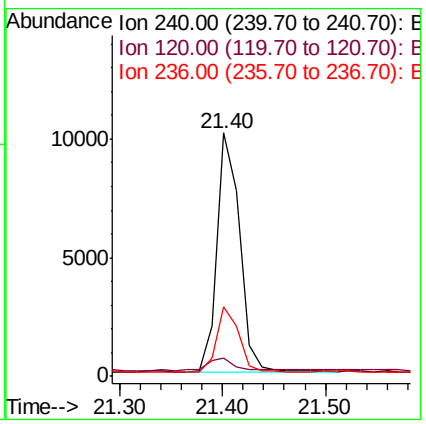


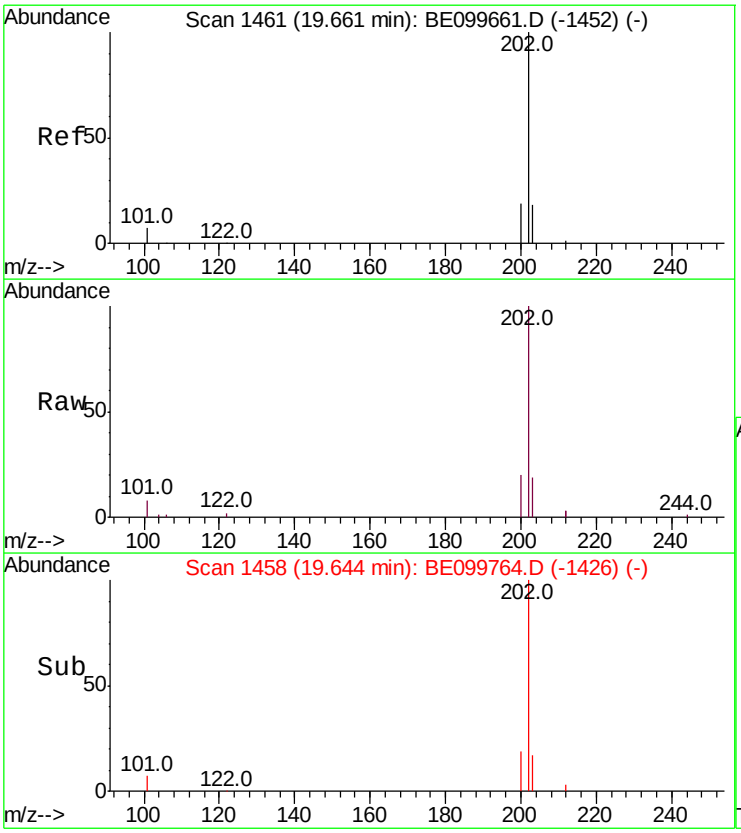
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15504

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.4	8.0
236	28.6	21.7	32.5

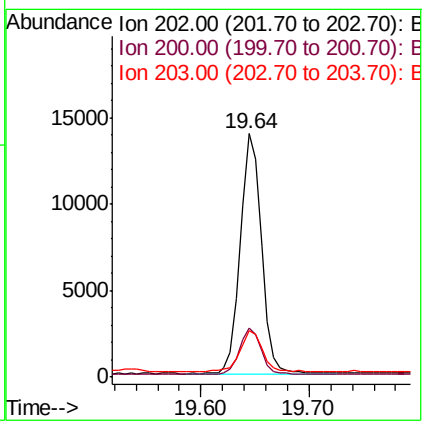


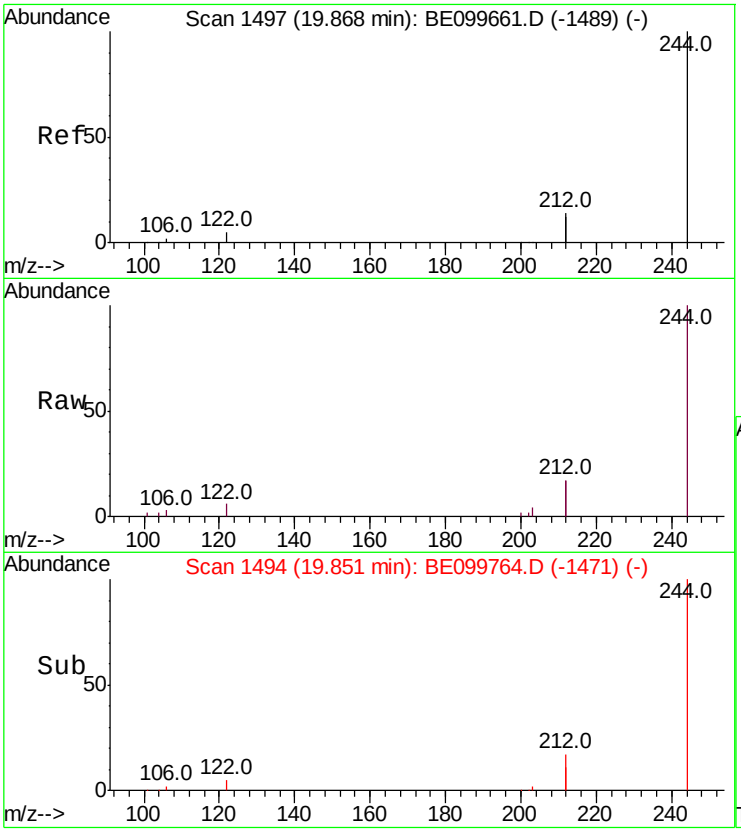


#28
Pyrene
Concen: 0.481 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:202 Resp: 18718

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.4	23.2
203	17.7	13.8	20.8



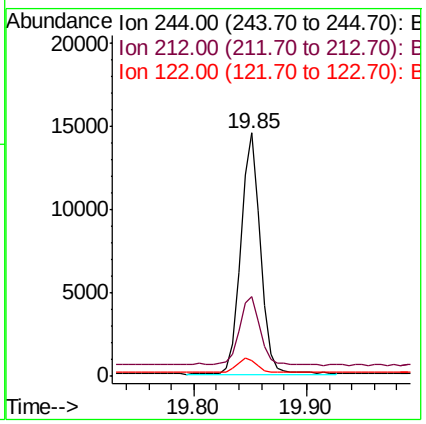


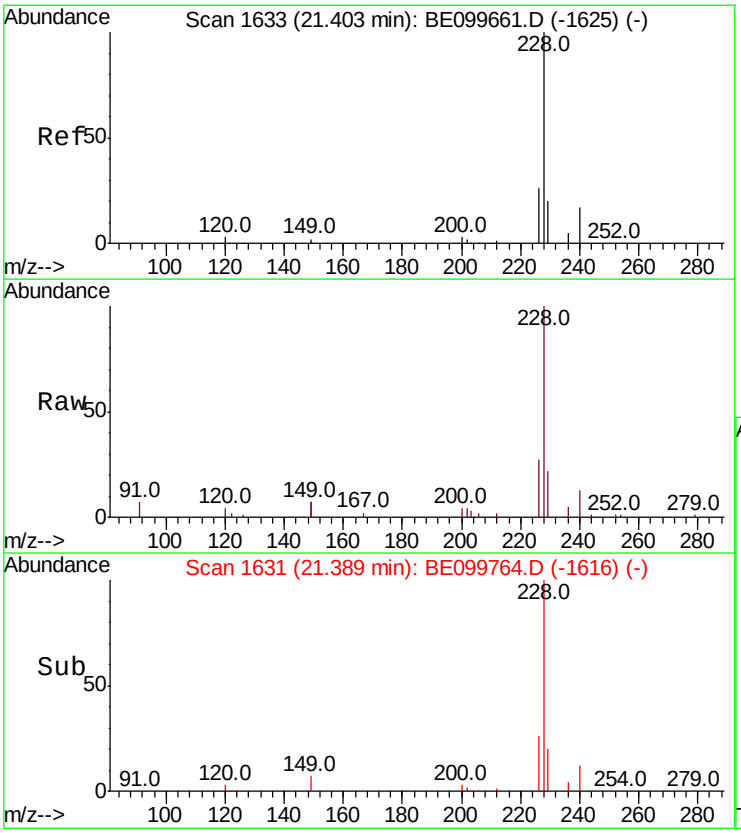
#29
Terphenyl-d14
Concen: 0.638 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 17656

Ion	Ratio	Lower	Upper
244	100		
212	33.0	22.5	33.7
122	6.2	4.3	6.5

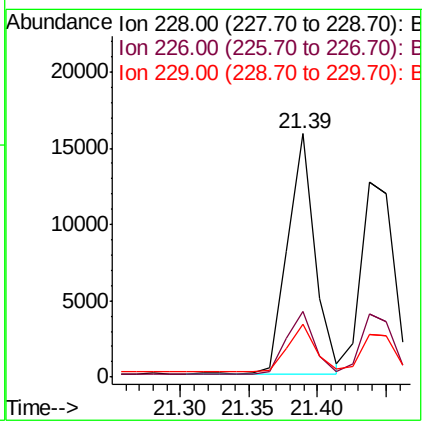


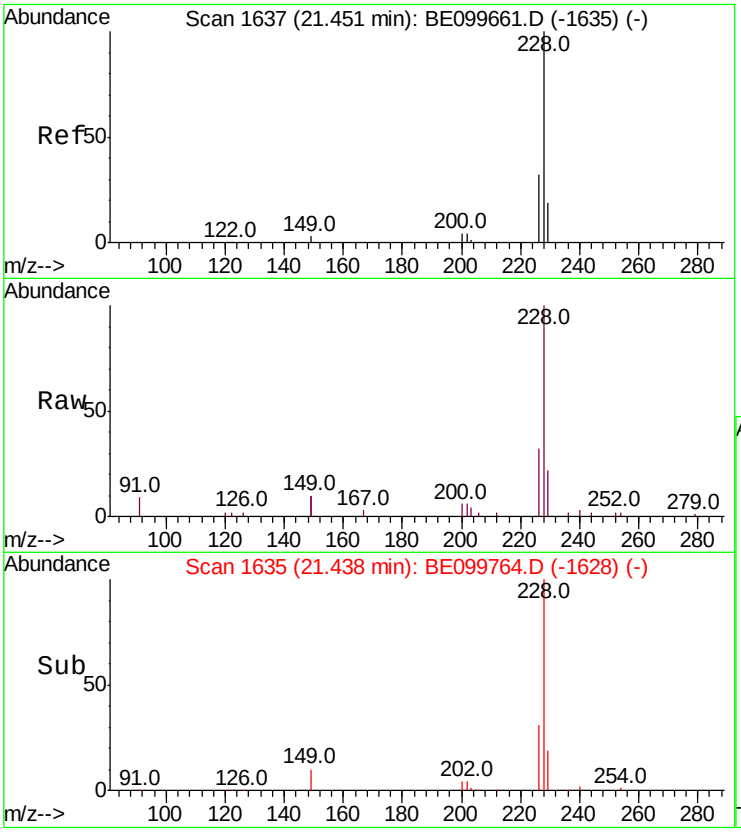


#30
Benzo(a)anthracene
Concen: 0.489 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:228 Resp: 21555

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.3	31.9
229	22.0	16.1	24.1



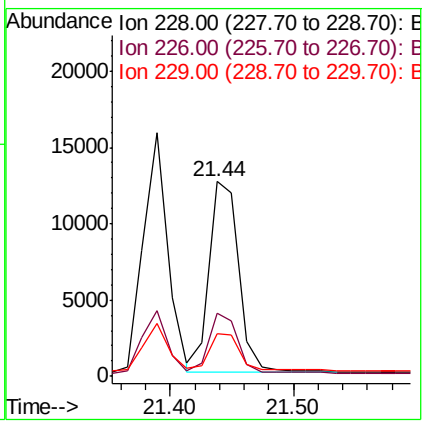


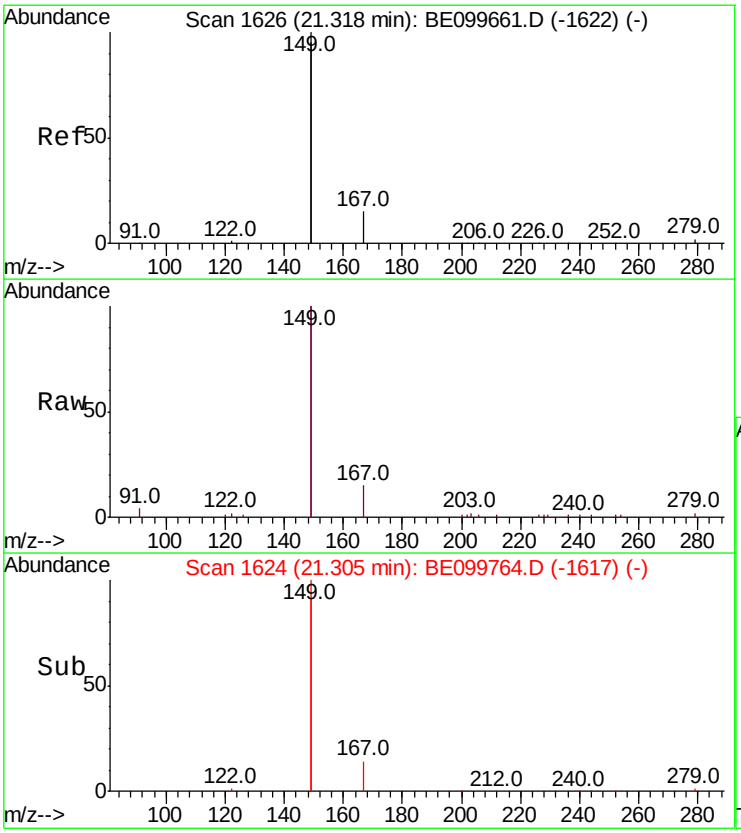
#31
Chrysene
Concen: 0.442 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 20801

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.7	37.1
229	21.8	15.8	23.6

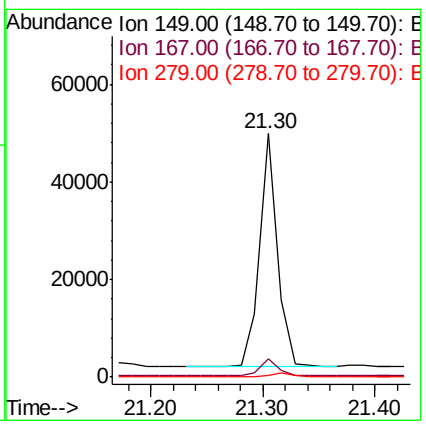


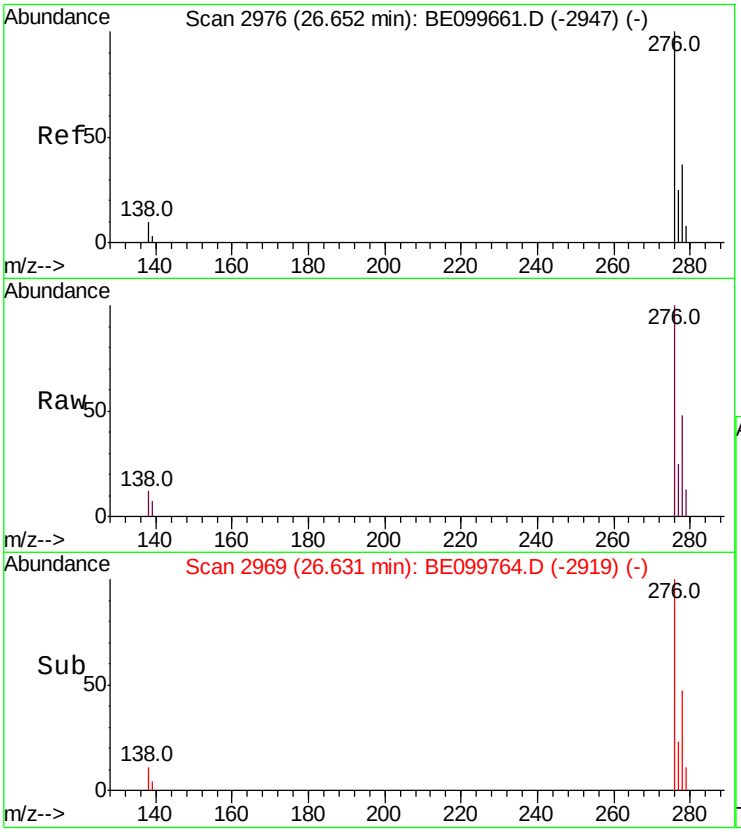


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.058 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:149 Resp: 53696

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.2	9.4
279	1.4	1.2	1.8



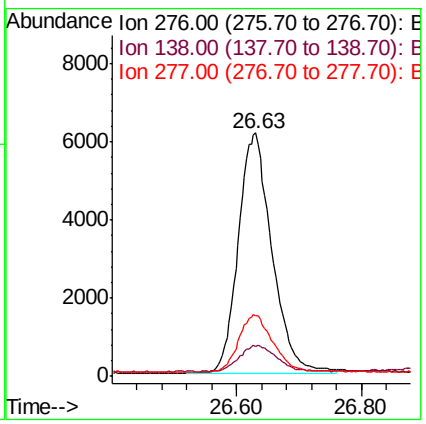


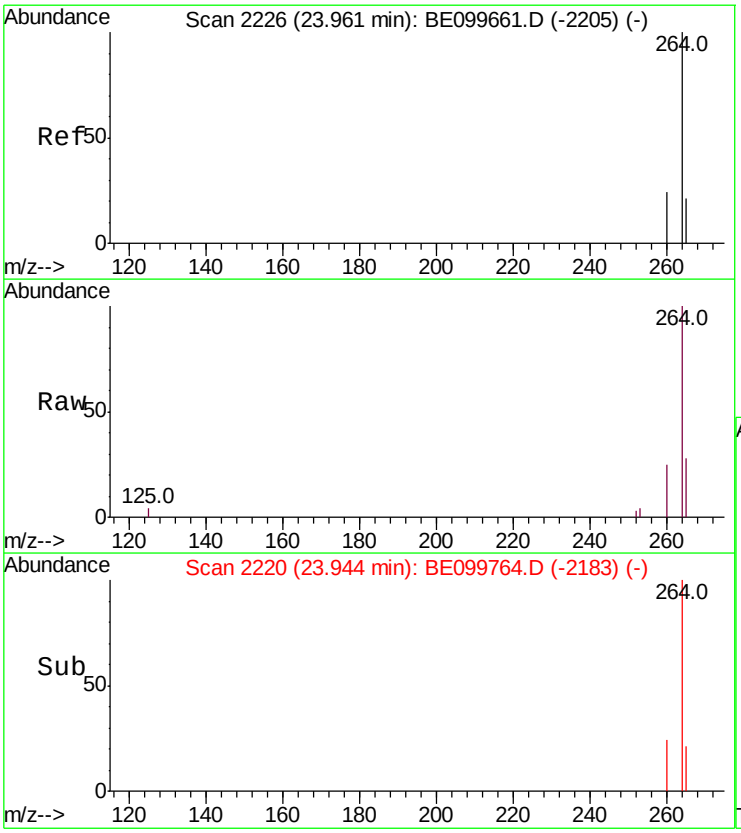
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 22936

Ion	Ratio	Lower	Upper
276	100		
138	11.6	9.6	14.4
277	24.5	19.2	28.8

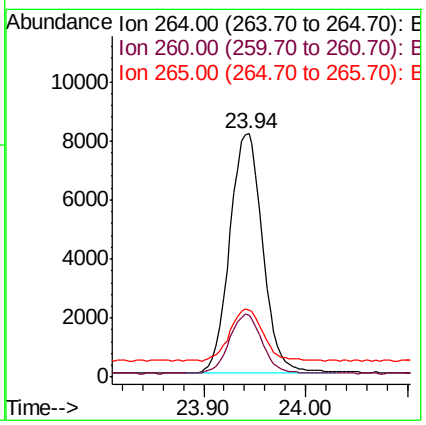


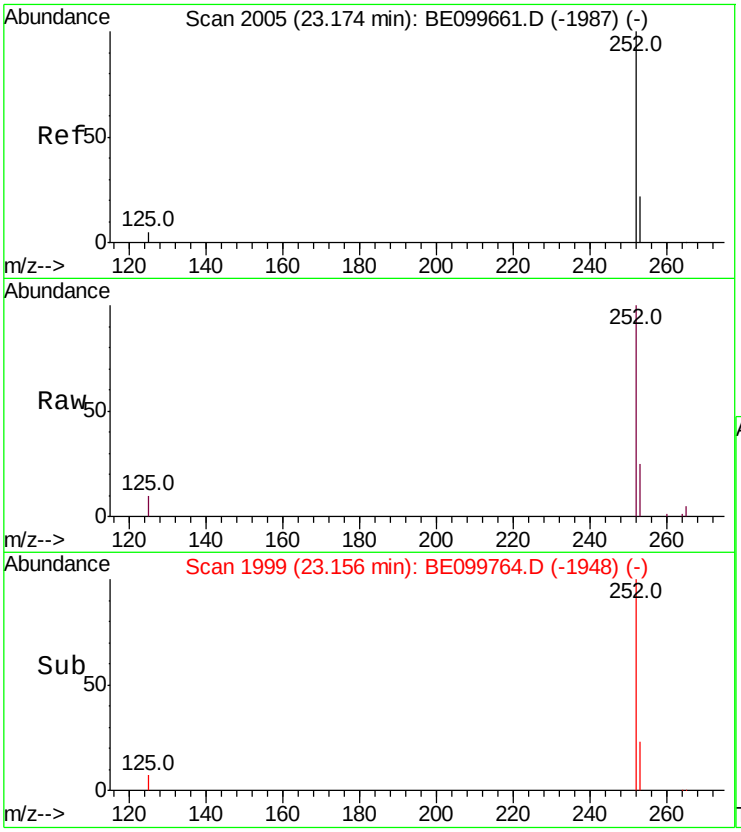


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:264 Resp: 18346

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.6	29.4
265	27.6	19.1	28.7



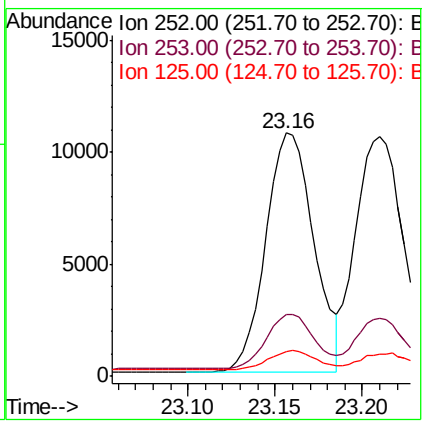


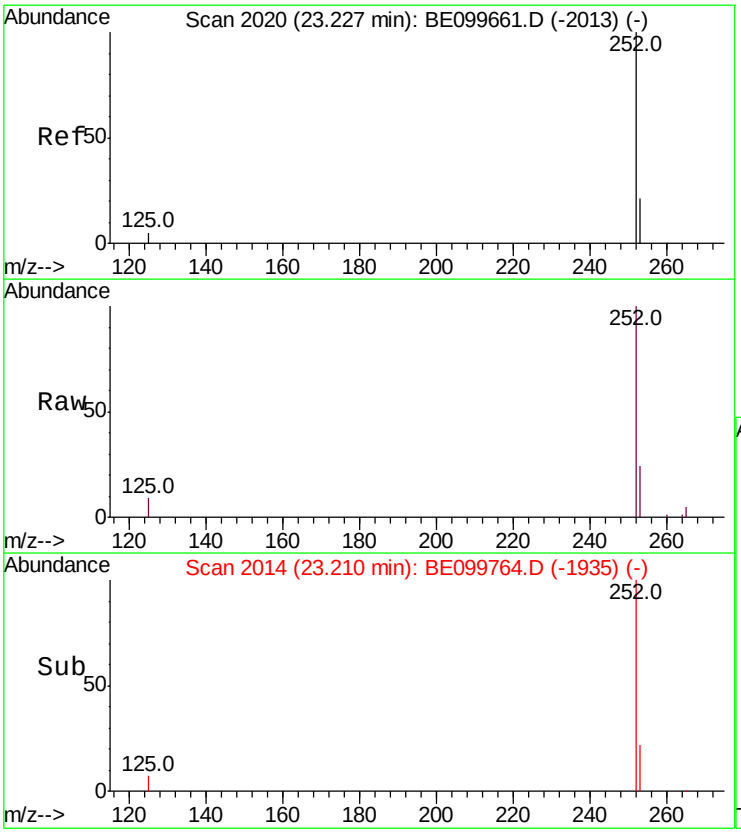
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.16 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20484

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.4
125	10.1	4.5	6.7#

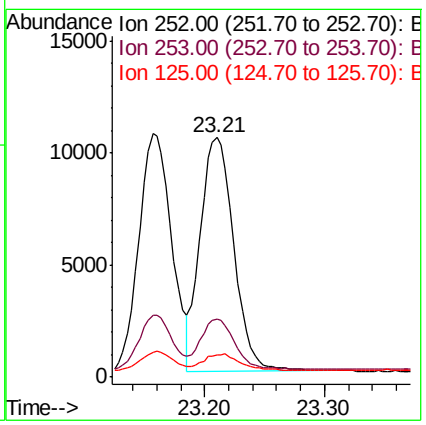


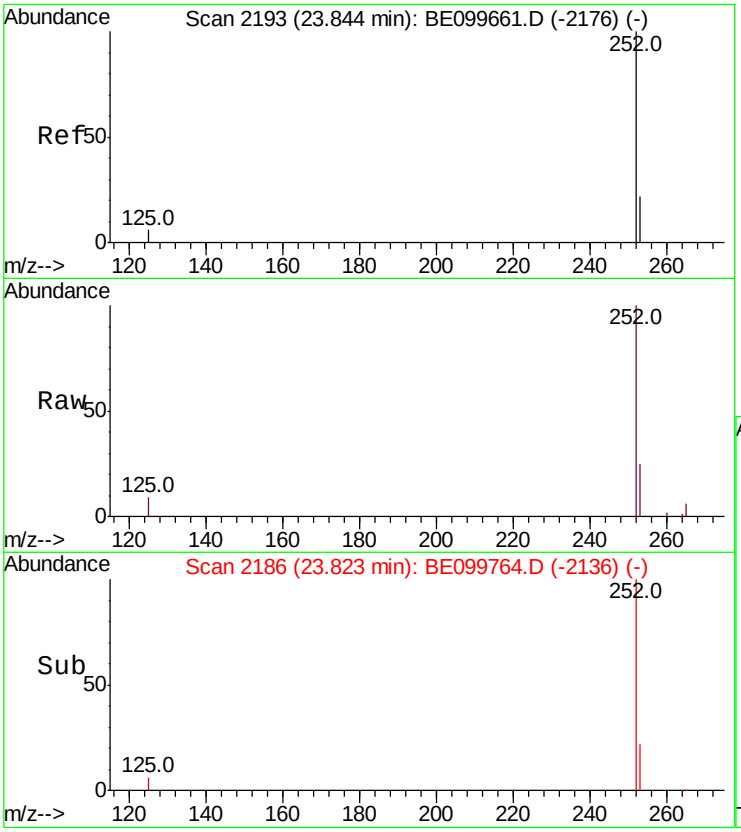


#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.21 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:252 Resp: 20400

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	9.4	4.6	6.8#



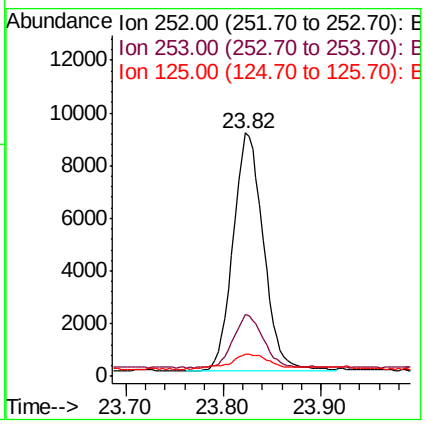


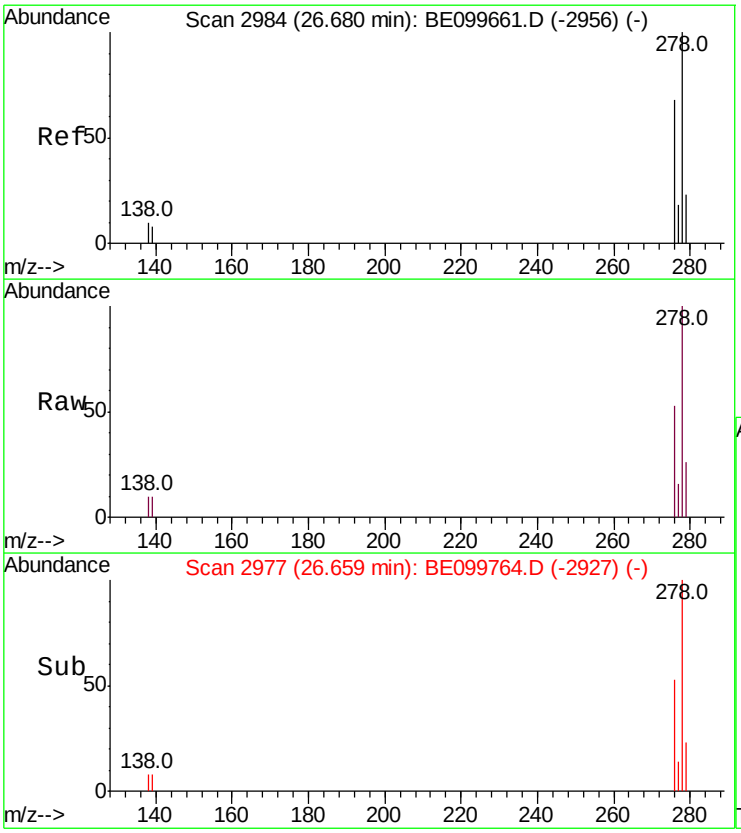
#37
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.82 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 19707

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.9	28.3
125	9.0	5.4	8.0#

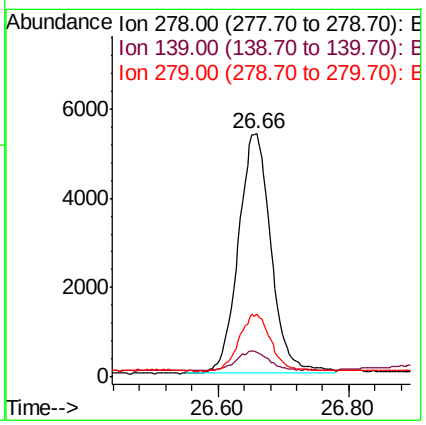


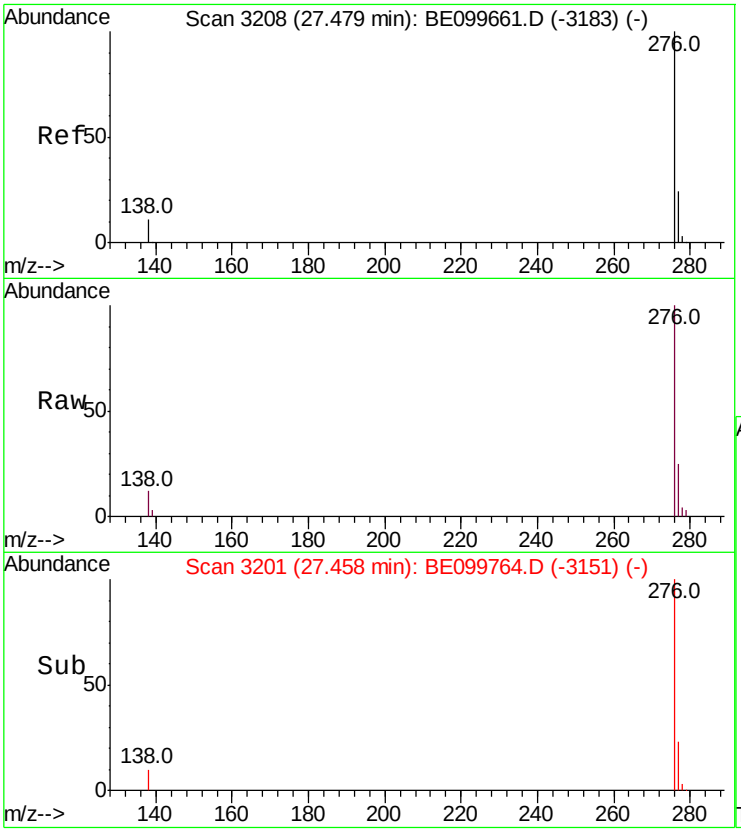


#38
Dibenzo(a,h)anthracene
Concen: 0.368 ng
RT: 26.66 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:278 Resp: 18700

Ion	Ratio	Lower	Upper
278	100		
139	10.4	6.9	10.3#
279	25.9	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 27.46 min Scan# 3201
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19833

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.6
138	12.4	9.2	13.8