Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099565.D
Acq On : 7 May 2019 14:30
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE050719

Quant Time: May 07 15:21:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1683	0.40	ng		0.02
7) Naphthalene-d8	10.64	136	6024	0.40	ng		0.01
13) Acenaphthene-d10	14.51	164	4377	0.40	ng		0.01
19) Phenanthrene-d10	17.26	188	12723	0.40	ng		0.01
27) Chrysene-d12	21.43	240	18806	0.40	ng		0.00
34) Perylene-d12	23.99	264	19677	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1893	0.41	ng		0.00
5) Phenol-d6	7.00	99	2403	0.39	ng		0.02
8) Nitrobenzene-d5	9.00	82	2294	0.40	ng		0.03
11) 2-Methylnaphthalene-d10	12.25	152	4394	0.42	ng		0.03
14) 2,4,6-Tribromophenol	16.00	330	1094	0.38	ng		0.01
15) 2-Fluorobiphenyl	13.13	172	6666	0.40	ng		0.01
25) Fluoranthene-d10	19.28	212	68172	0.40	ng		0.00
29) Terphenyl-d14	19.88	244	13937	0.40	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	955	0.402	ng	#	96
3) n-Nitrosodimethylamine	3.65	42	587	0.373	ng	#	86
6) bis(2-Chloroethyl)ether	7.26	93	2034	0.398	ng		98
9) Naphthalene	10.69	128	26366	0.413	ng		99
10) Hexachlorobutadiene	10.96	225	1952	0.421	ng		95
12) 2-Methylnaphthalene	12.32	142	4406	0.407	ng		99
16) Acenaphthylene	14.23	152	8270	0.392	ng		100
17) Acenaphthene	14.57	154	4591	0.389	ng		95
18) Fluorene	15.54	166	6716	0.399	ng		99
20) 4-Bromophenyl-phenylether	16.44	248	2761	0.382	ng	#	82
21) Hexachlorobenzene	16.55	284	2872	0.399	ng		98
22) Pentachlorophenol	16.91	266	1031	0.348	ng		91
23) Phenanthrene	17.30	178	12778	0.407	ng		99
24) Anthracene	17.39	178	12050	0.400	ng		99
26) Fluoranthene	19.31	202	19240	0.398	ng		99
28) Pyrene	19.67	202	20112	0.399	ng		99
30) Benzo(a)anthracene	21.41	228	22425	0.385	ng		98
31) Chrysene	21.47	228	23205	0.404	ng		99
32) Bis(2-ethylhexyl)phthalate	21.33	149	36543	0.396	ng		100
33) Indeno(1,2,3-cd)pyrene	26.69	276	26609	0.390	ng		99
35) Benzo(b)fluoranthene	23.20	252	22081	0.407	ng		99
36) Benzo(k)fluoranthene	23.25	252	22144	0.415	ng		98
37) Benzo(a)pyrene	23.87	252	21166	0.404	ng		98
38) Dibenzo(a,h)anthracene	26.72	278	21790	0.403	ng		97
39) Benzo(g,h,i)perylene	27.53	276	21925	0.404	ng		98

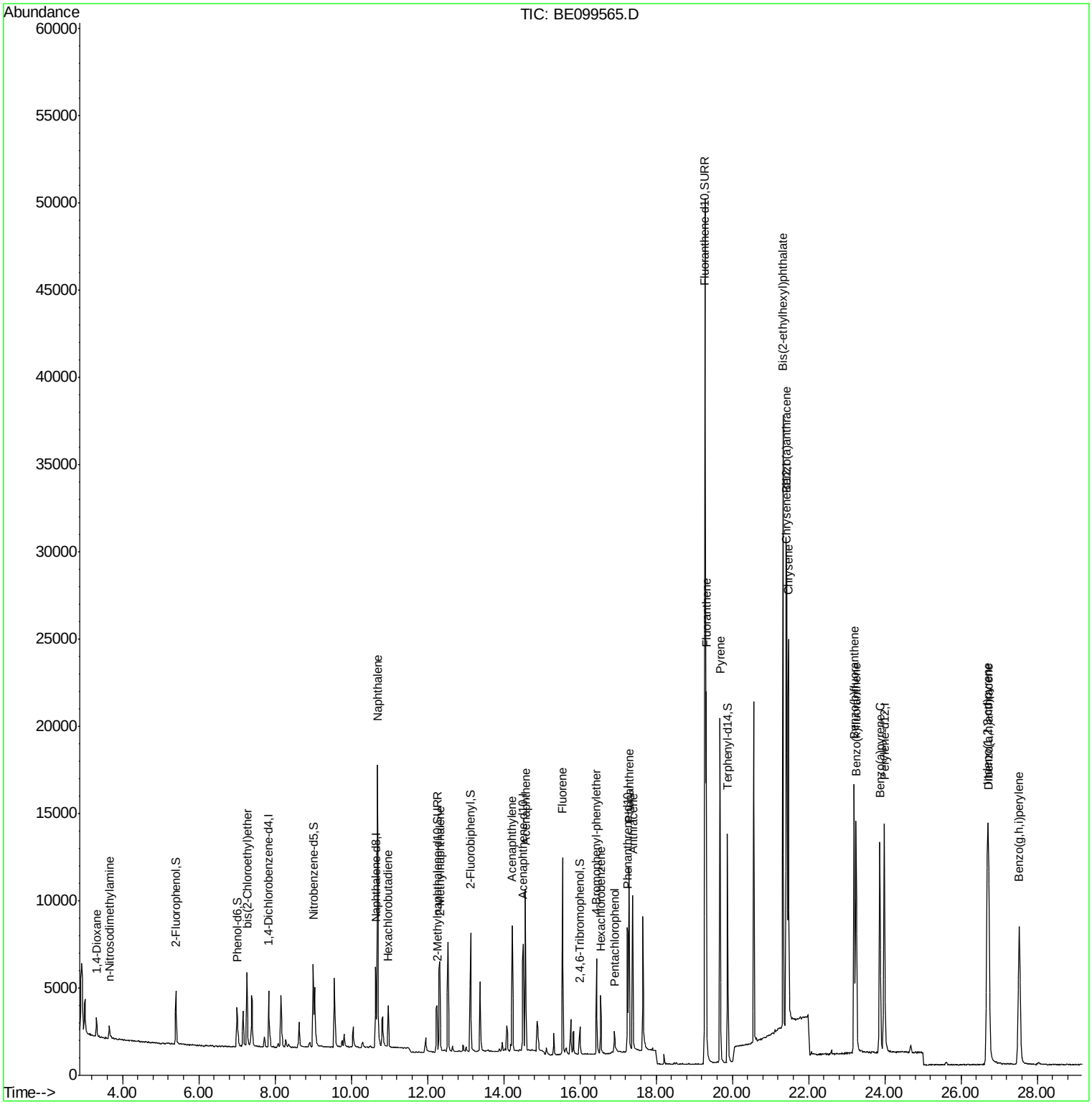
(#) = qualifier out of range (m) = manual integration (+) = signals summed

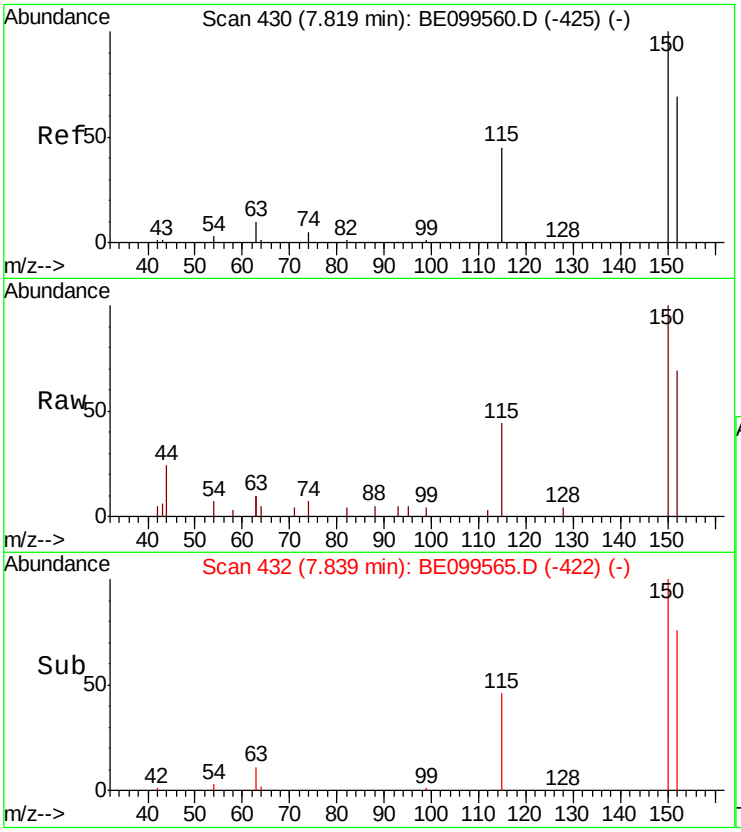
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099565.D
Acq On : 7 May 2019 14:30
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Quant Time: May 07 15:21:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
Response via : Initial Calibration



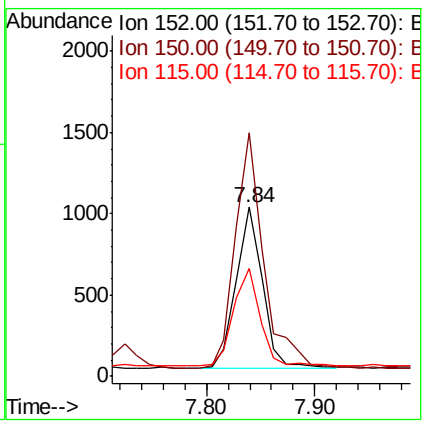


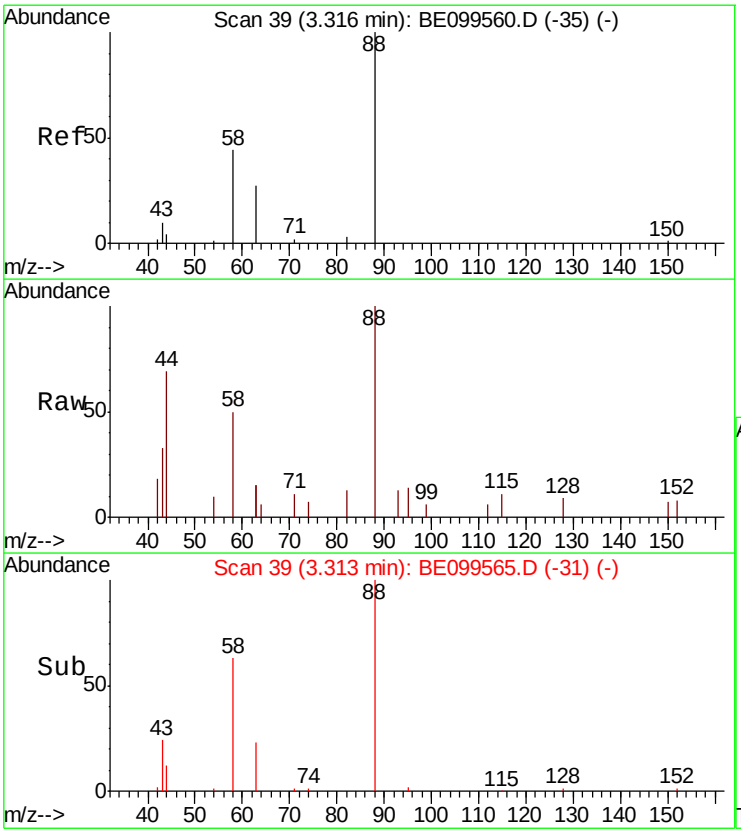
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.02 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:152 Resp: 1683

Ion	Ratio	Lower	Upper
152	100		
150	143.9	113.8	170.6
115	63.9	54.2	81.2

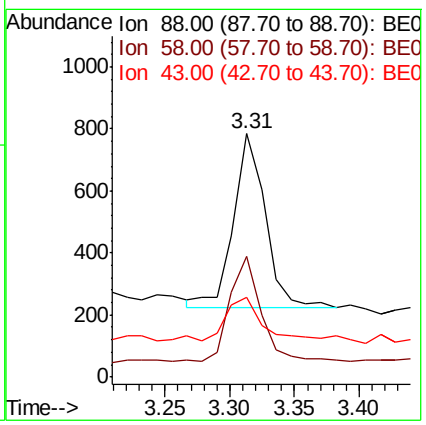


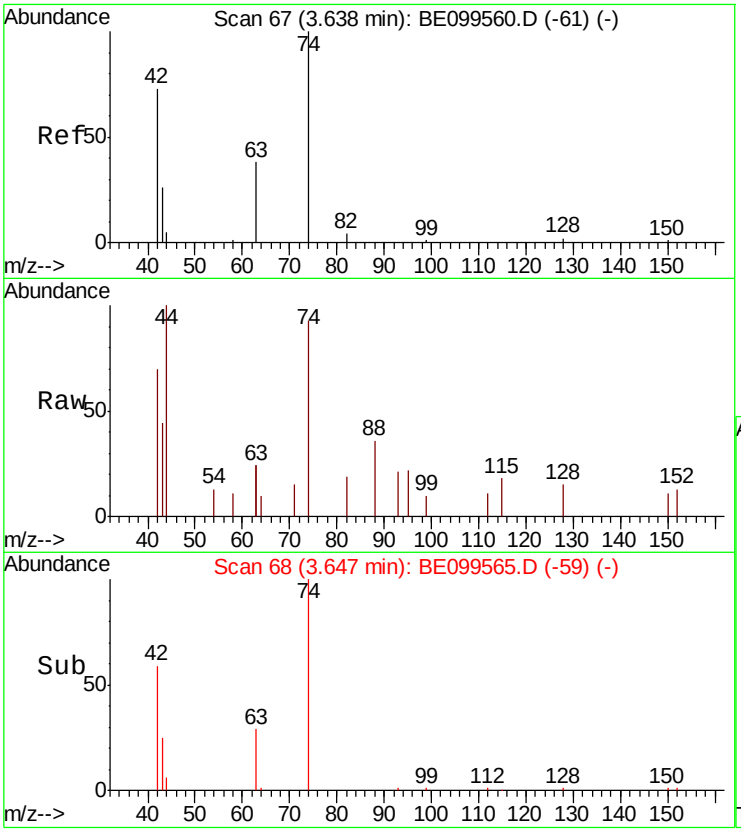


#2
1,4-Dioxane
Concen: 0.402 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion: 88 Resp: 955

Ion	Ratio	Lower	Upper
88	100		
58	57.6	46.6	69.8
43	31.7	20.3	30.5#



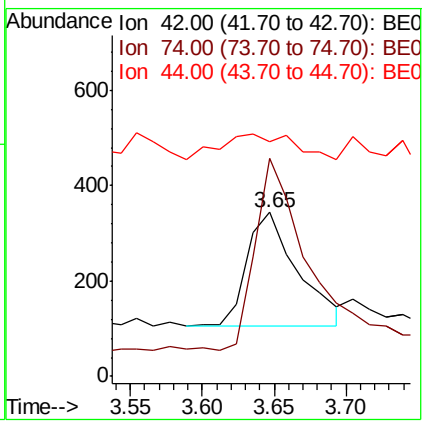


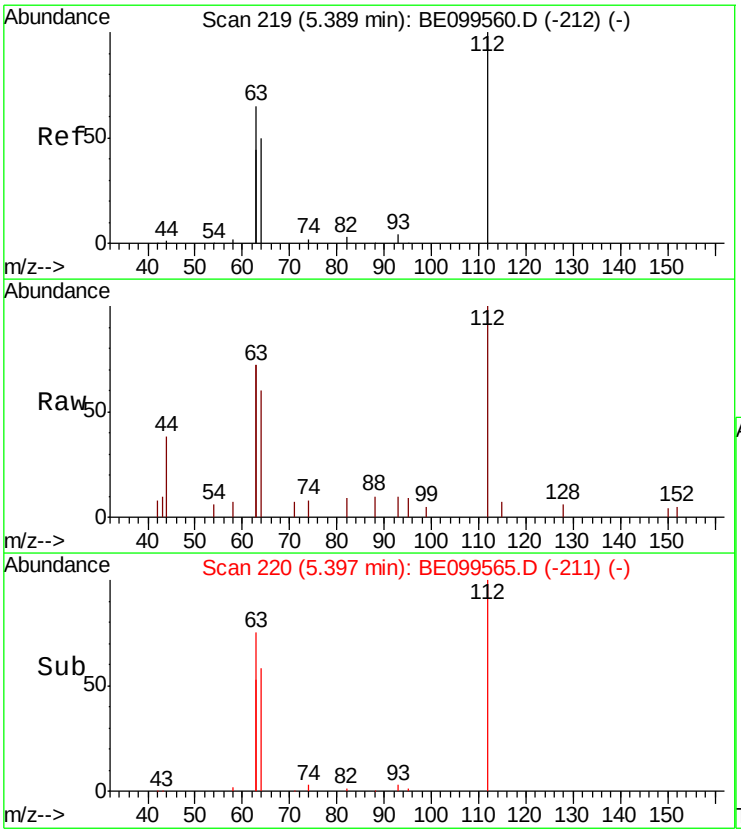
#3
n-Nitrosodimethylamine
Concen: 0.373 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion: 42 Resp: 587

Ion	Ratio	Lower	Upper
42	100		
74	169.5	121.3	181.9
44	30.5	0.0	0.0#

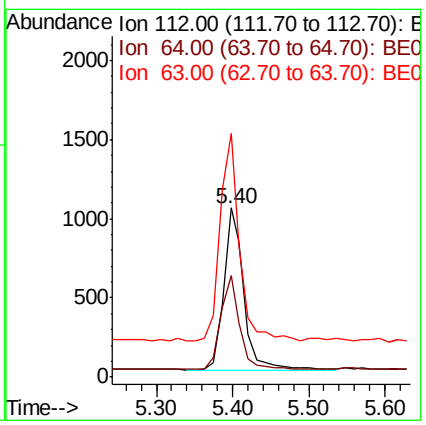


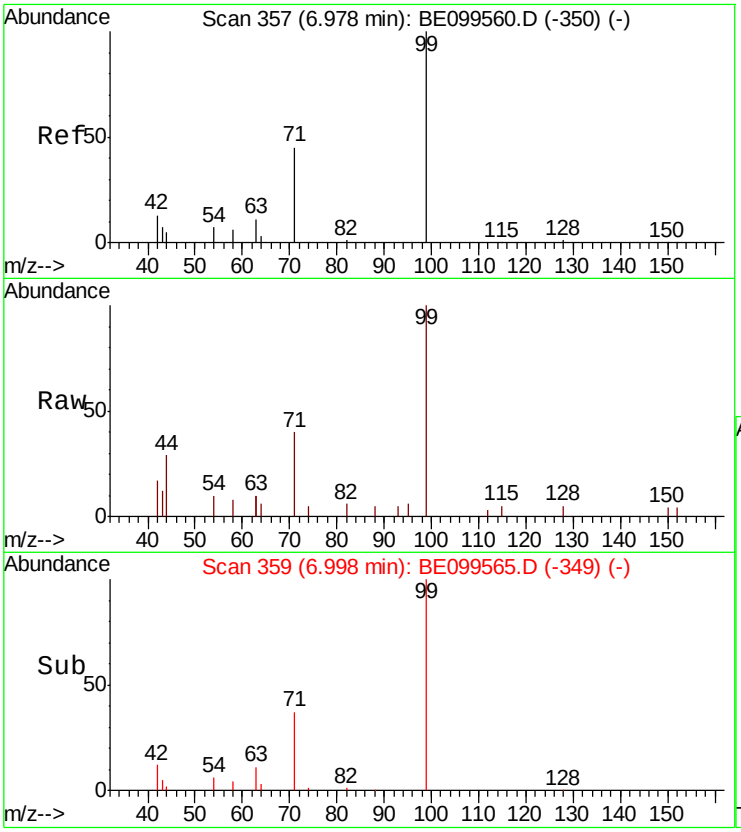


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:112 Resp: 1893

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.3	69.5
63	124.5	99.6	149.4



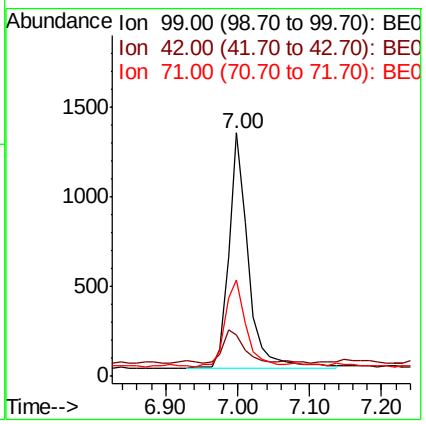


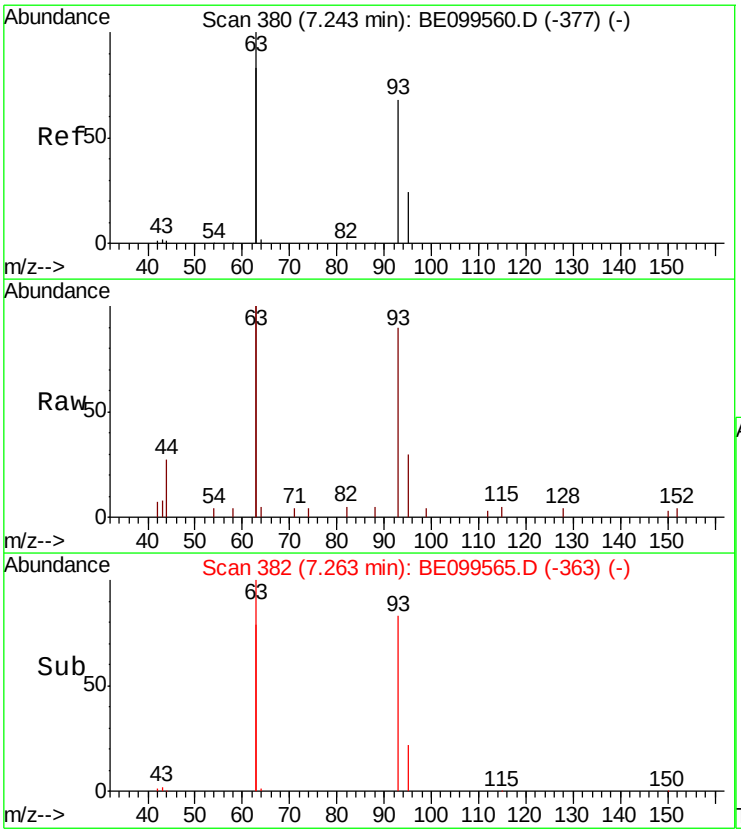
#5
Phenol-d6
Concen: 0.391 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.02 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion: 99 Resp: 2403

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	39.7	34.2	51.2

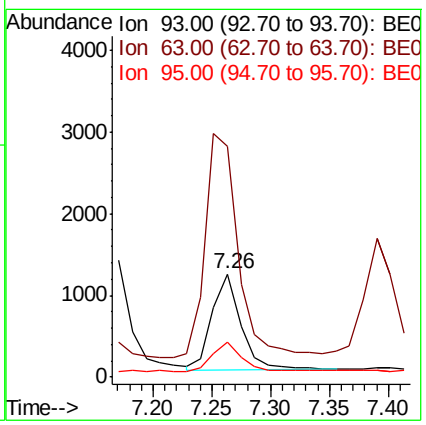


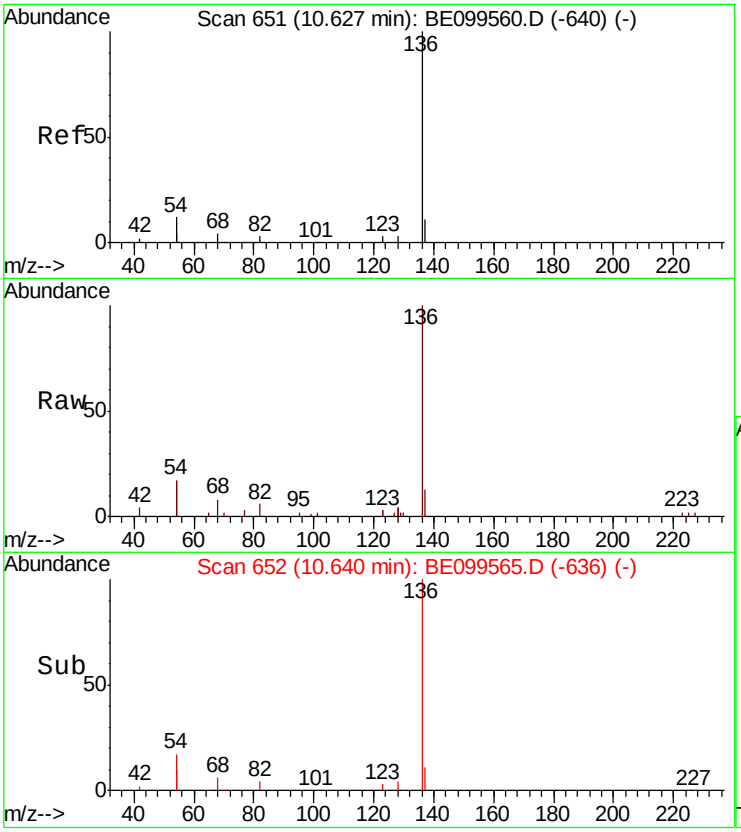


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.26 min Scan# 382
Delta R.T. 0.02 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion: 93 Resp: 2034

Ion	Ratio	Lower	Upper
93	100		
63	263.6	209.0	313.4
95	31.7	26.9	40.3



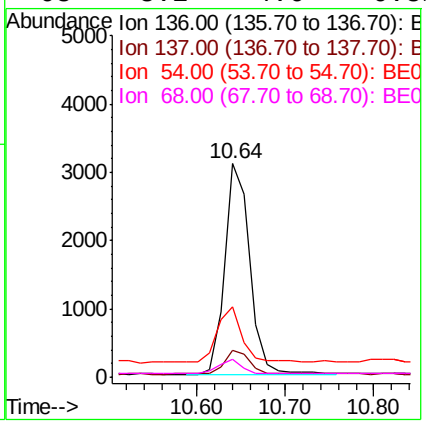


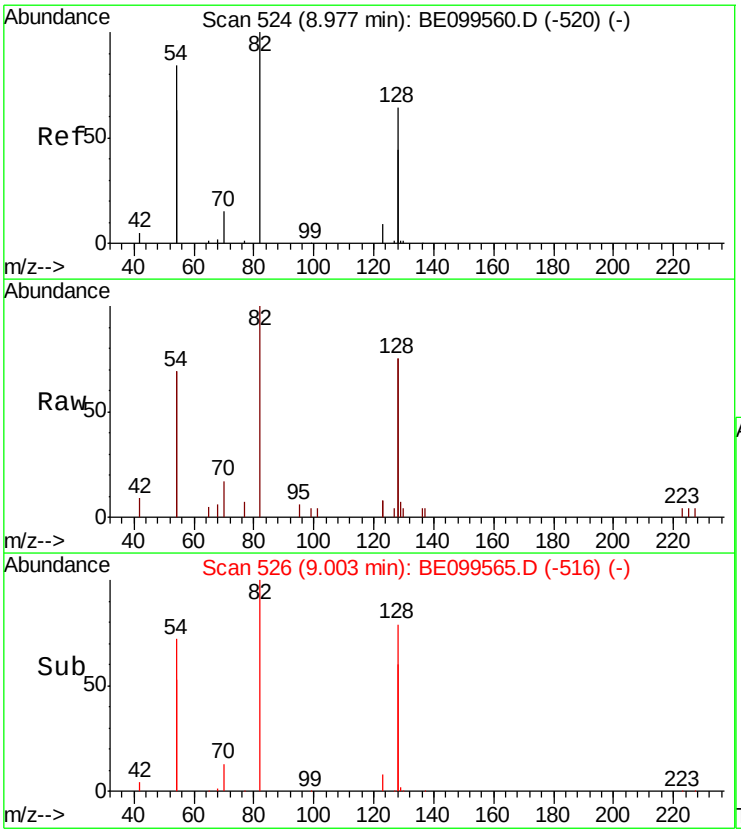
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:136 Resp: 6024

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.0	15.0
54	33.0	18.6	28.0#
68	8.2	4.6	6.8#

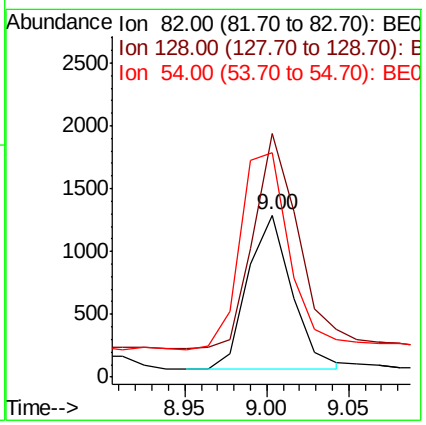


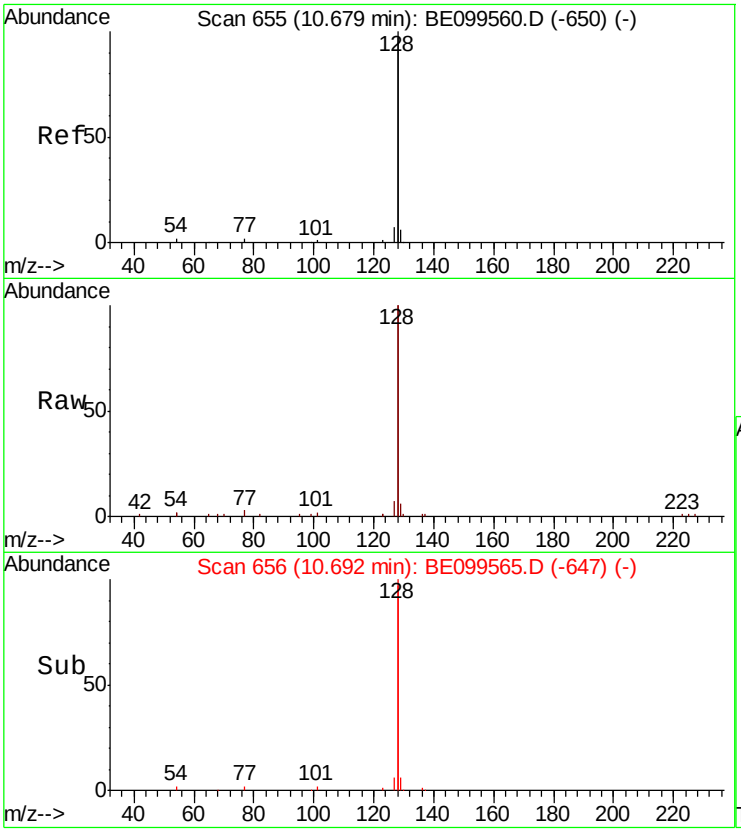


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.03 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion: 82 Resp: 2294

Ion	Ratio	Lower	Upper
82	100		
128	150.2	97.6	146.4#
54	138.1	127.4	191.2



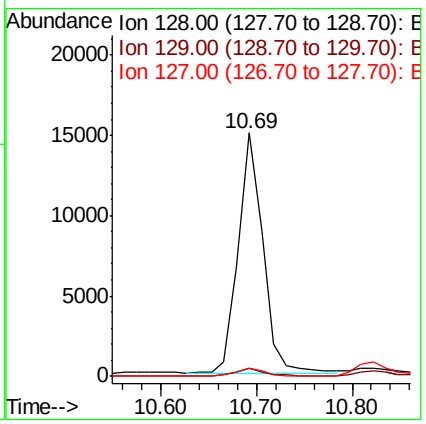


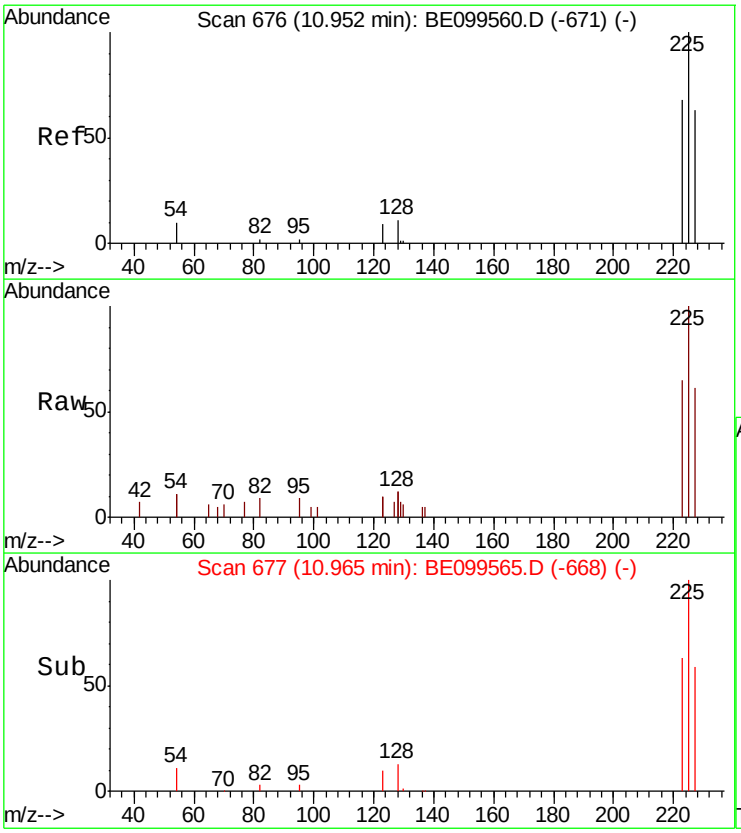
#9
Naphthalene
Concen: 0.413 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:128 Resp: 26366

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.4	3.0	4.4

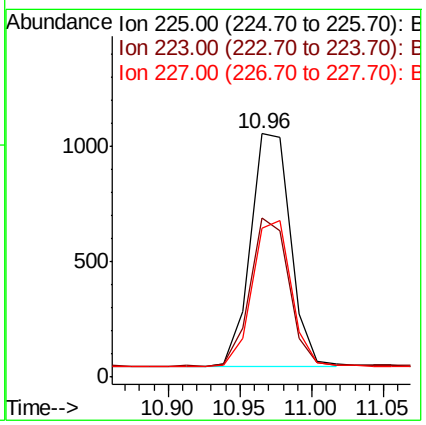


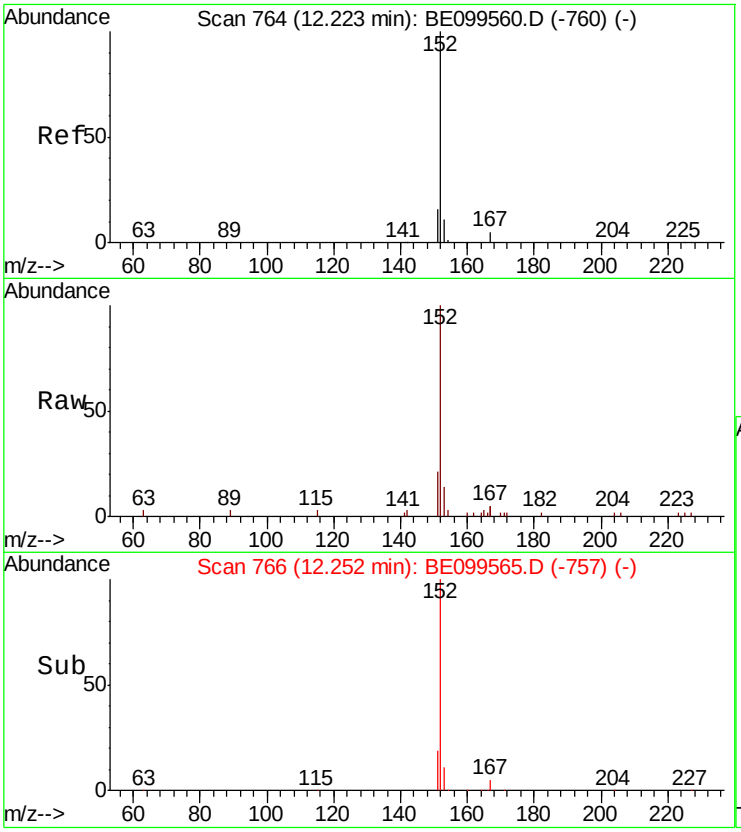


#10
Hexachlorobutadiene
Concen: 0.421 ng
RT: 10.96 min Scan# 677
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:225 Resp: 1952

Ion	Ratio	Lower	Upper
225	100		
223	61.6	53.0	79.6
227	61.0	51.4	77.0



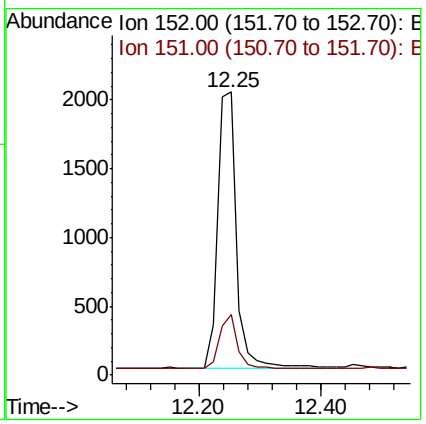


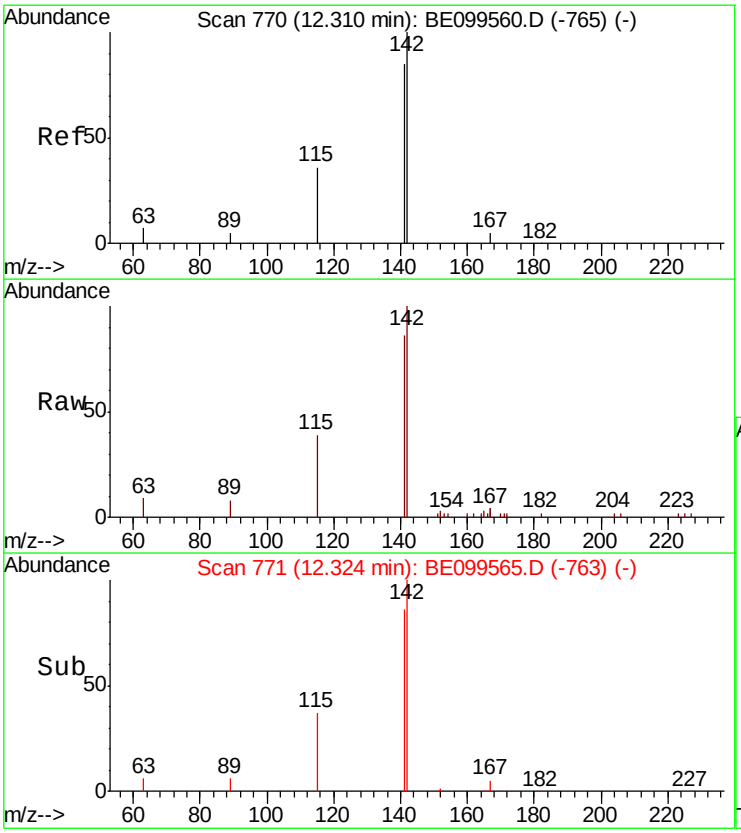
#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.03 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:152 Resp: 4394

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.8	23.8

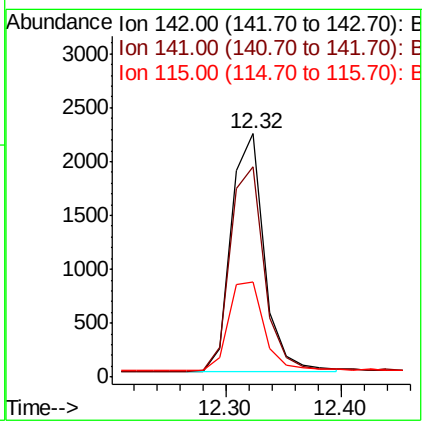


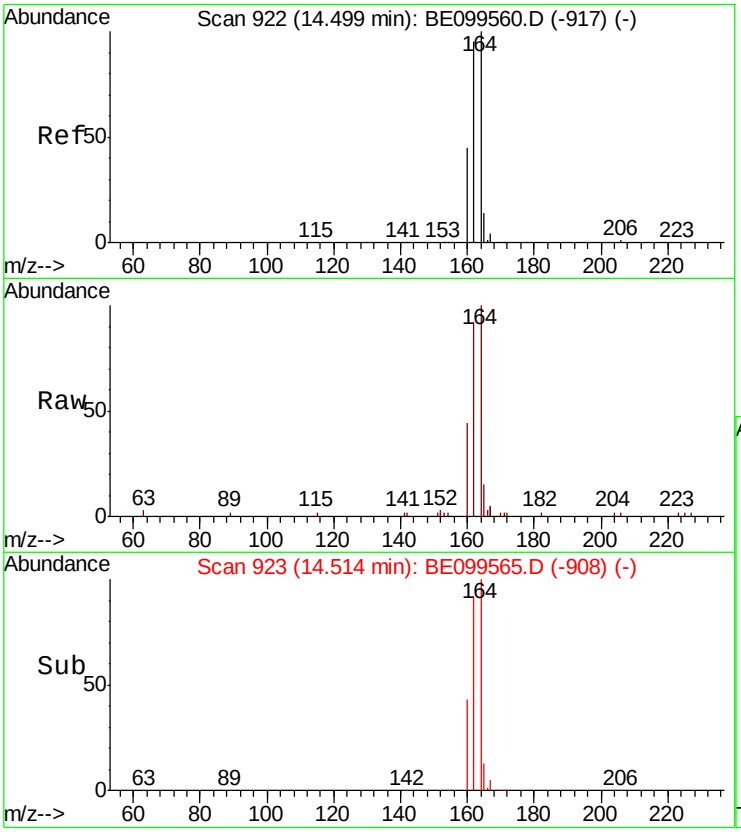


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.32 min Scan# 771
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:142 Resp: 4406

Ion	Ratio	Lower	Upper
142	100		
141	86.1	68.1	102.1
115	38.9	30.8	46.2



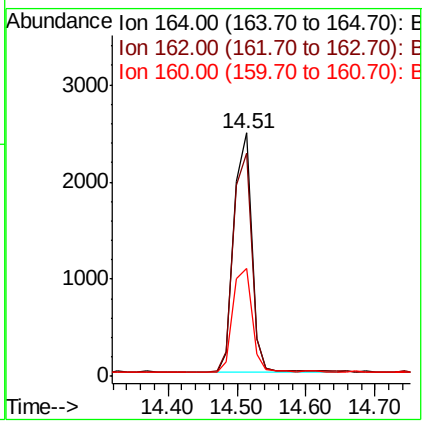


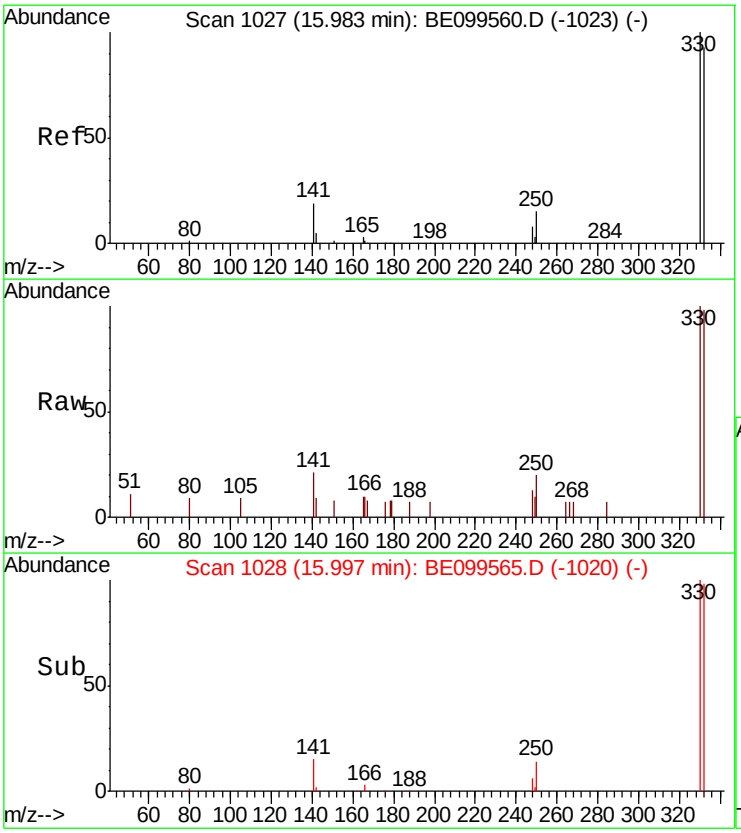
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:164 Resp: 4377

Ion	Ratio	Lower	Upper
164	100		
162	91.9	76.4	114.6
160	44.3	36.6	55.0

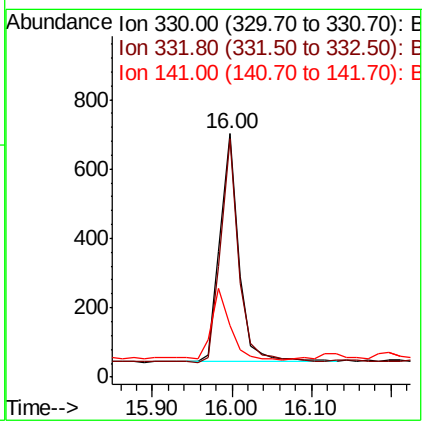


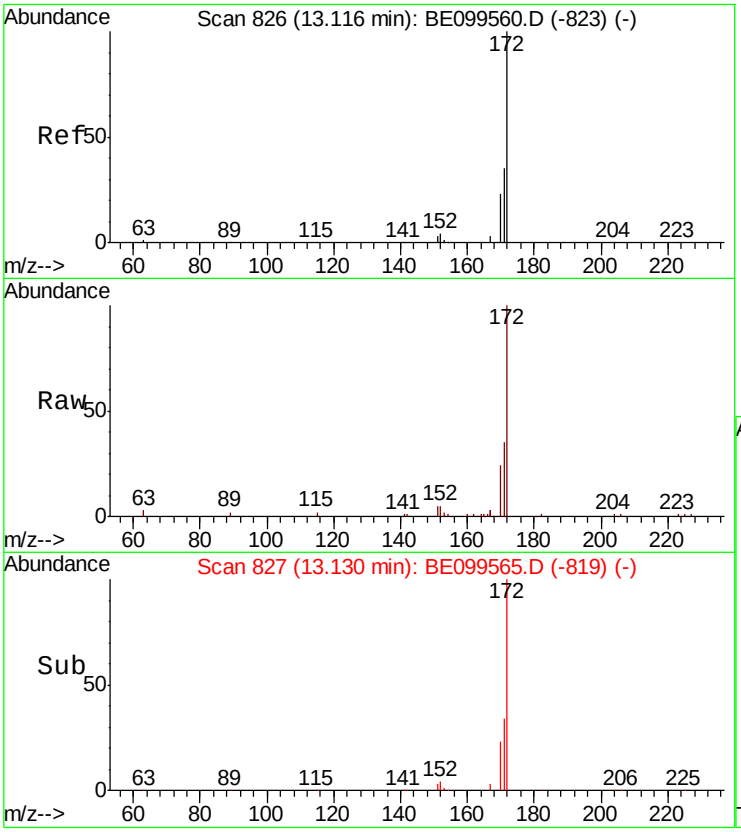


#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:330 Resp: 1094

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.7	116.5
141	30.6	26.1	39.1



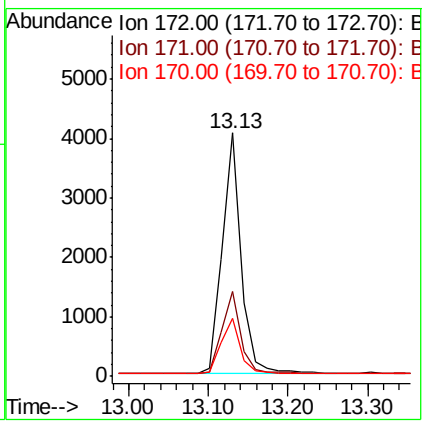


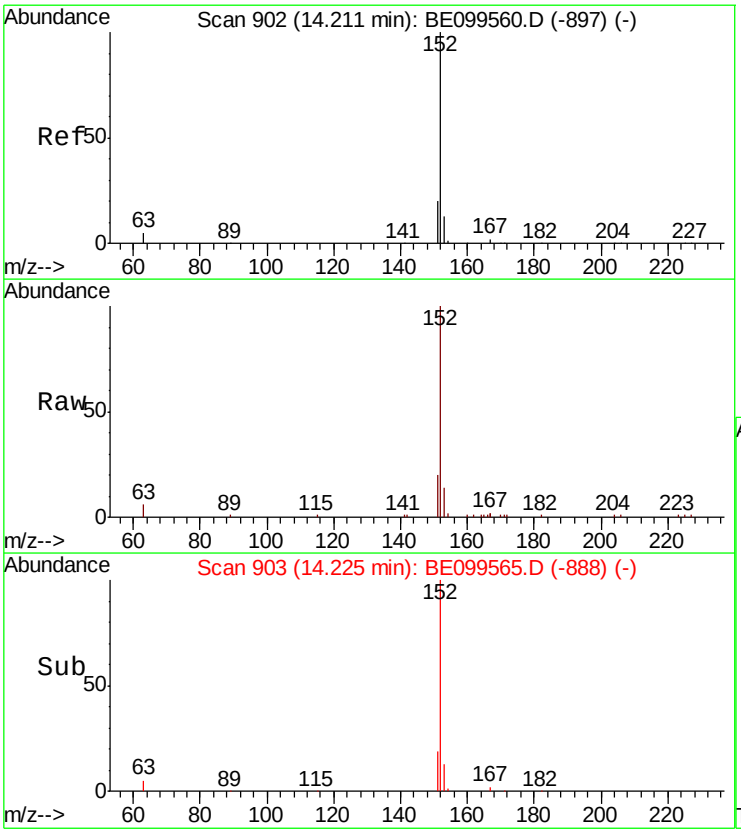
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:172 Resp: 6666

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.4	42.6
170	23.7	18.8	28.2

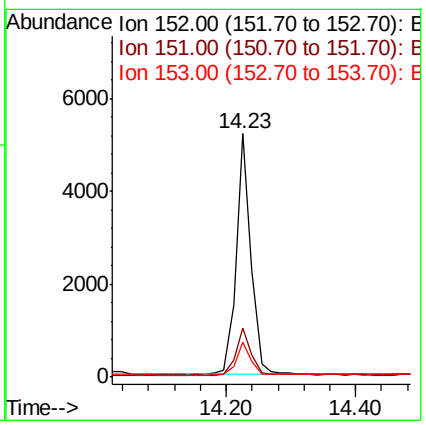


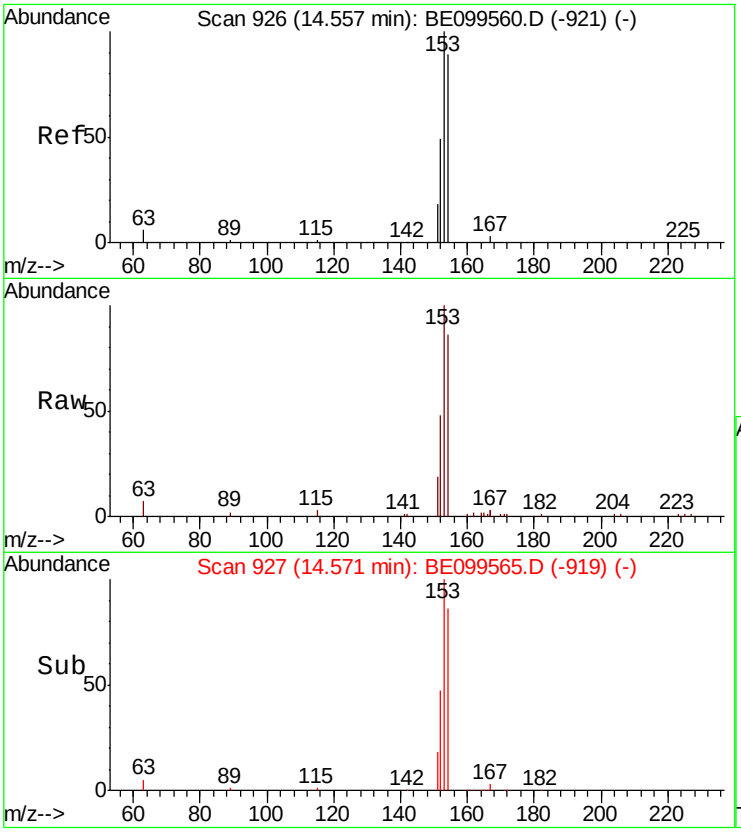


#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:152 Resp: 8270

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.4	10.5	15.7



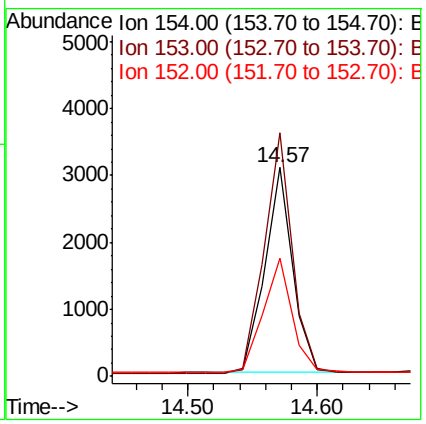


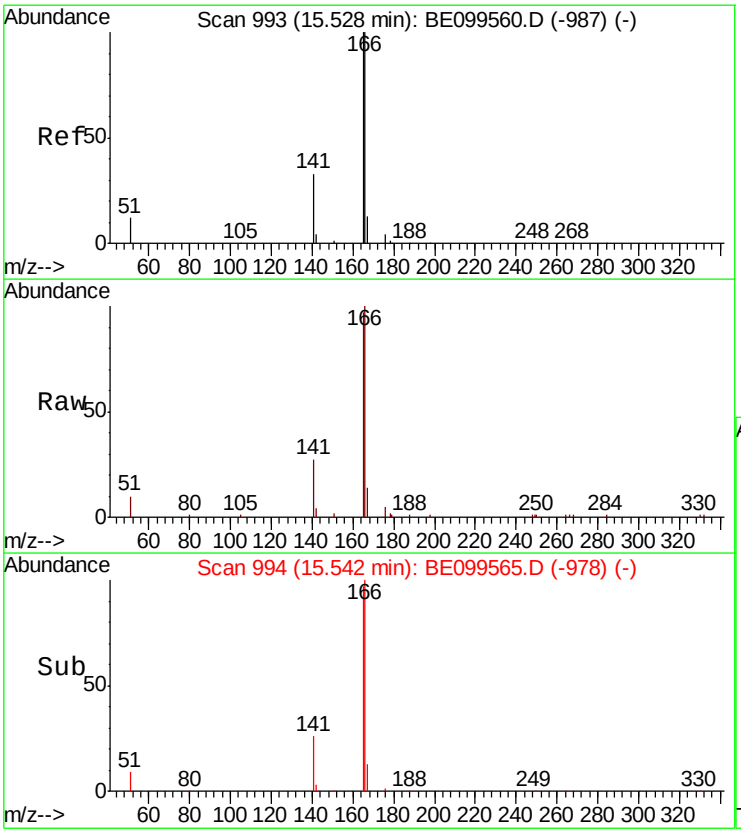
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:154 Resp: 4591

Ion	Ratio	Lower	Upper
154	100		
153	117.8	89.7	134.5
152	57.2	43.9	65.9

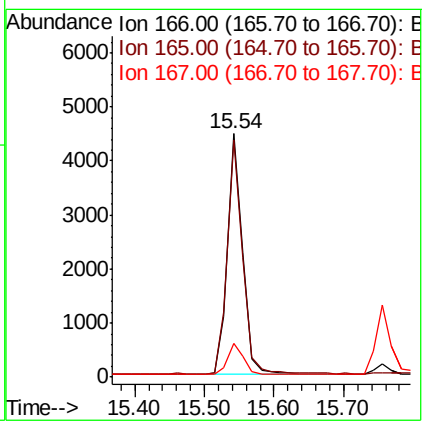


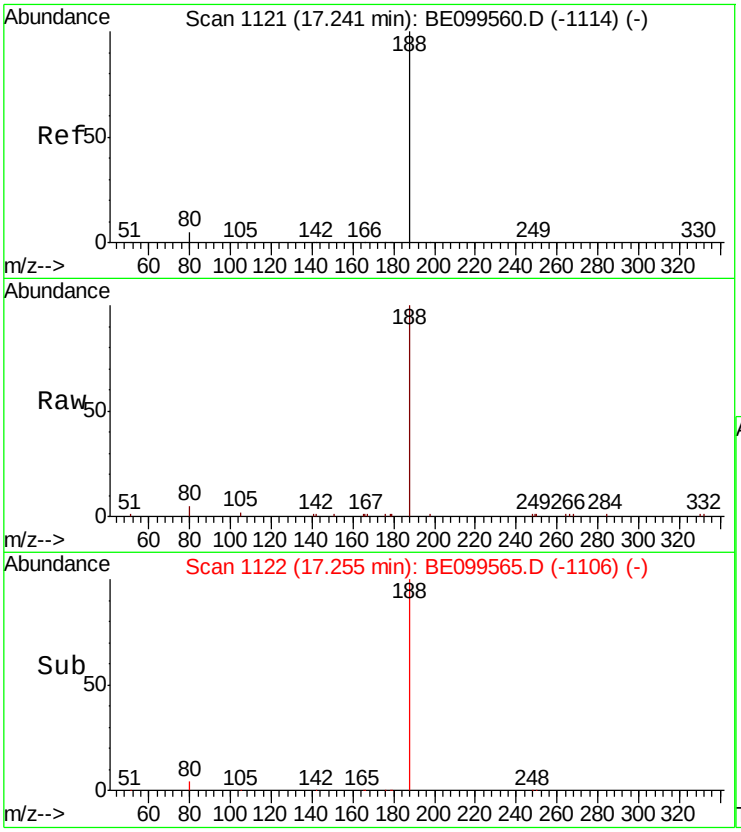


#18
Fluorene
Concen: 0.399 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:166 Resp: 6716

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.6
167	13.5	11.5	17.3



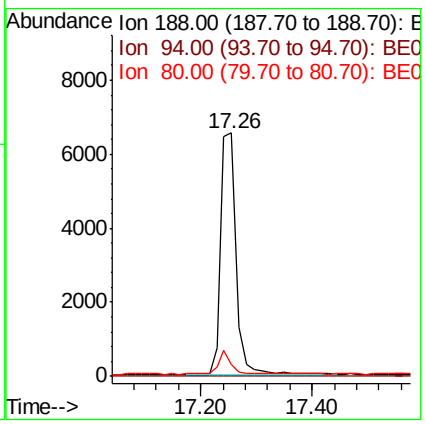


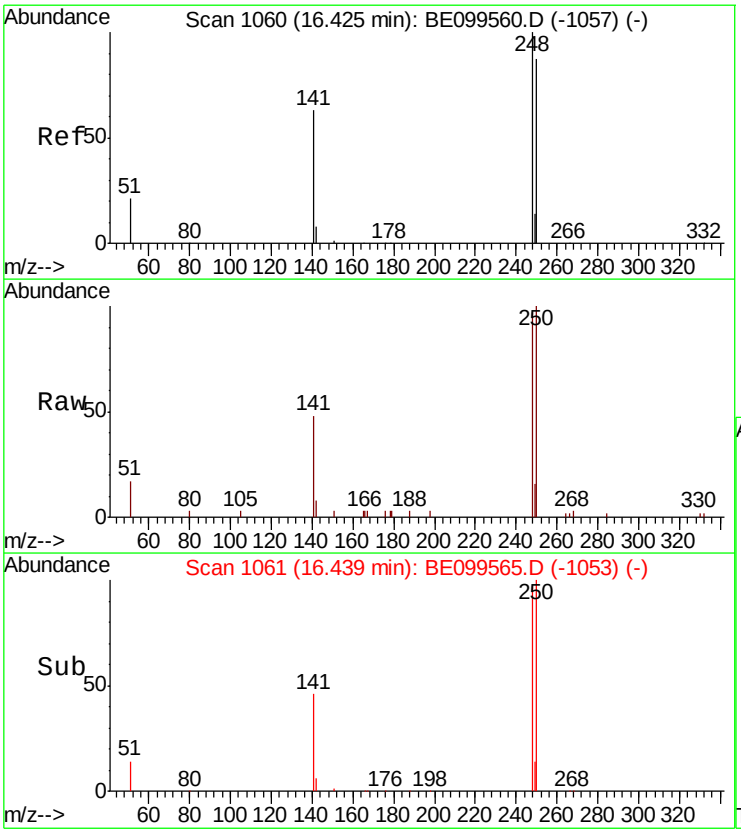
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:188 Resp: 12723

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	4.7	4.6	7.0

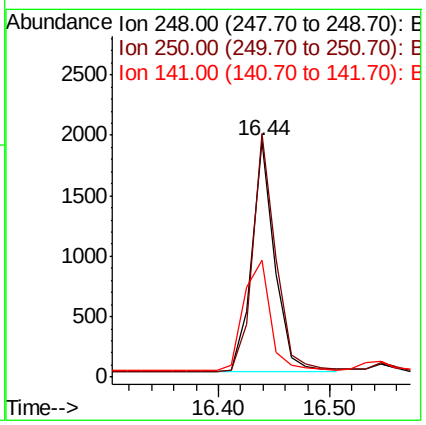


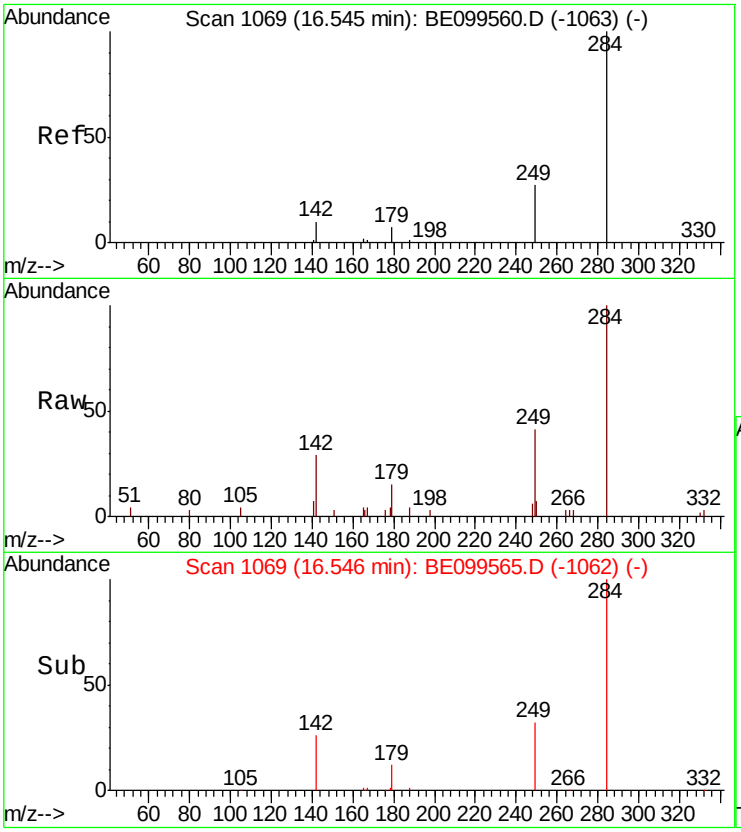


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:248 Resp: 2761

Ion	Ratio	Lower	Upper
248	100		
250	103.1	70.0	105.0
141	49.3	51.8	77.8#



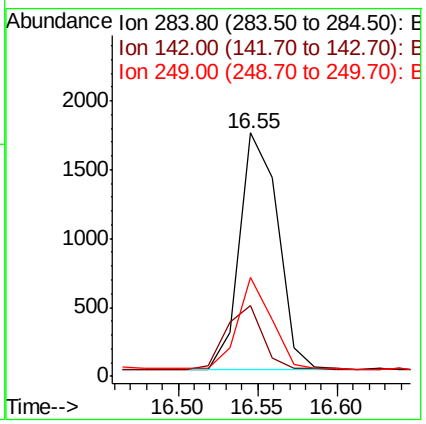


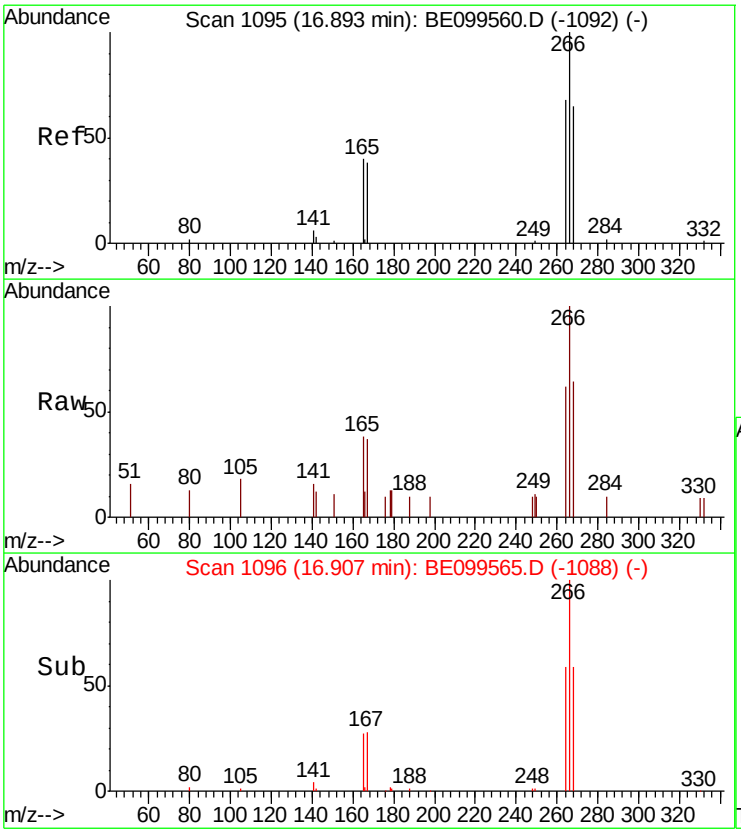
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:284 Resp: 2872

Ion	Ratio	Lower	Upper
284	100		
142	25.8	19.5	29.3
249	33.8	26.2	39.2

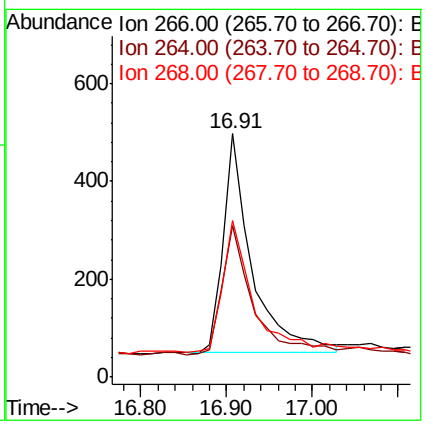


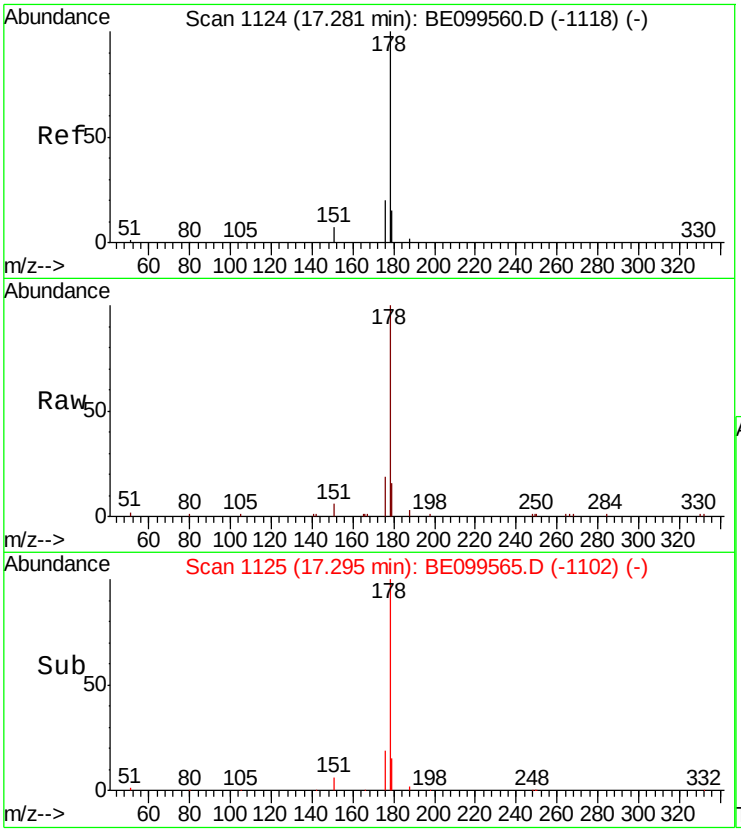


#22
Pentachlorophenol
Concen: 0.348 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:266 Resp: 1031

Ion	Ratio	Lower	Upper
266	100		
264	62.2	56.6	84.8
268	64.1	55.8	83.8



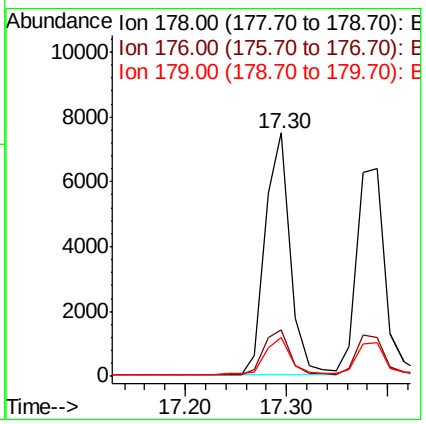


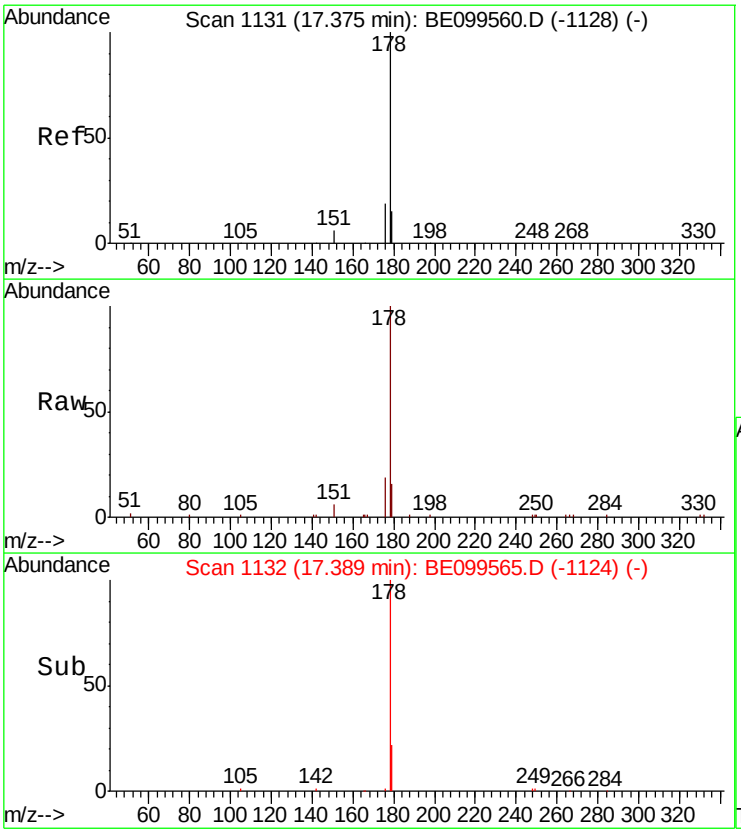
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.30 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:178 Resp: 12778

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.4	12.5	18.7

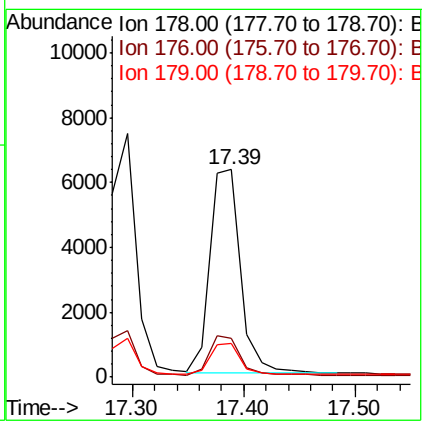


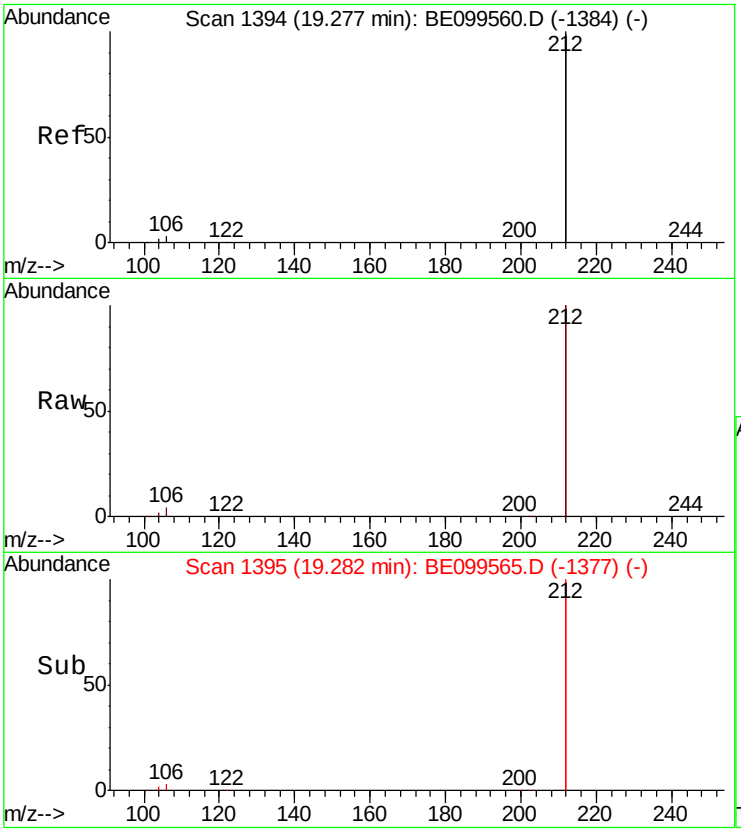


#24
Anthracene
Concen: 0.400 ng
RT: 17.39 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:178 Resp: 12050

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.0	12.2	18.4



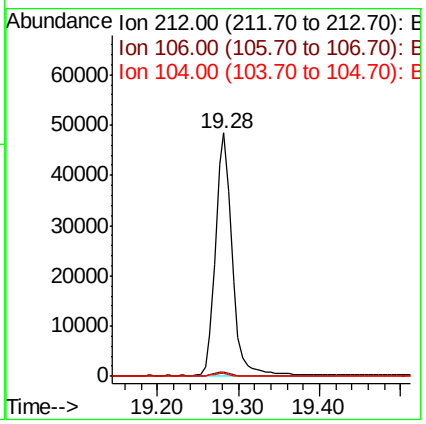


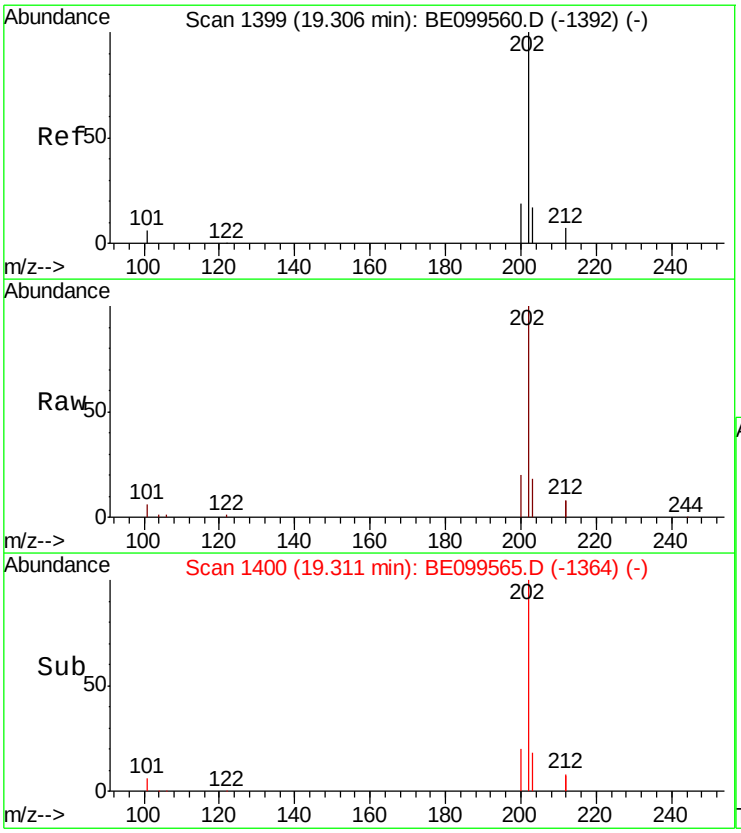
#25
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:212 Resp: 68172

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.1	0.8	1.2

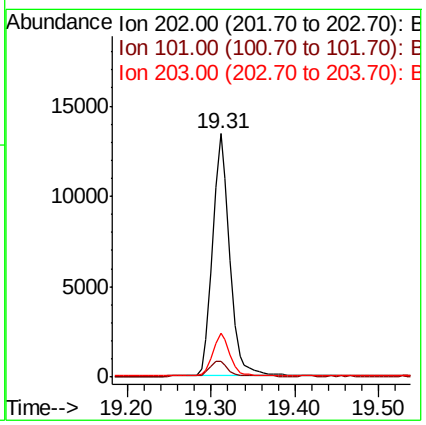


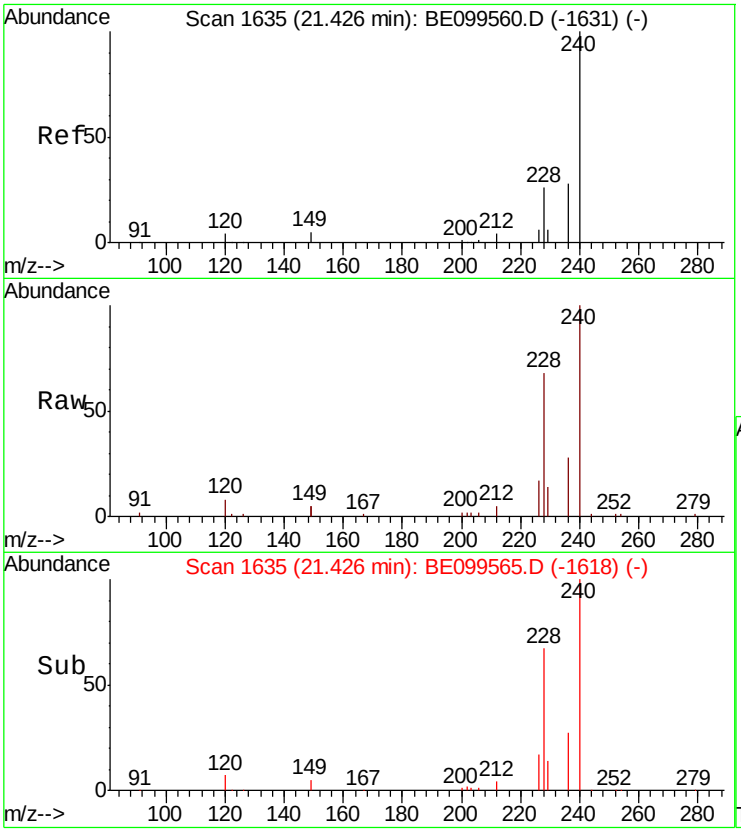


#26
Fluoranthene
Concen: 0.398 ng
RT: 19.31 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:202 Resp: 19240

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.3	7.9
203	17.6	13.4	20.2



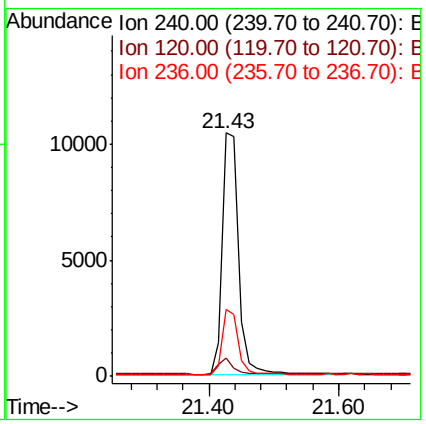


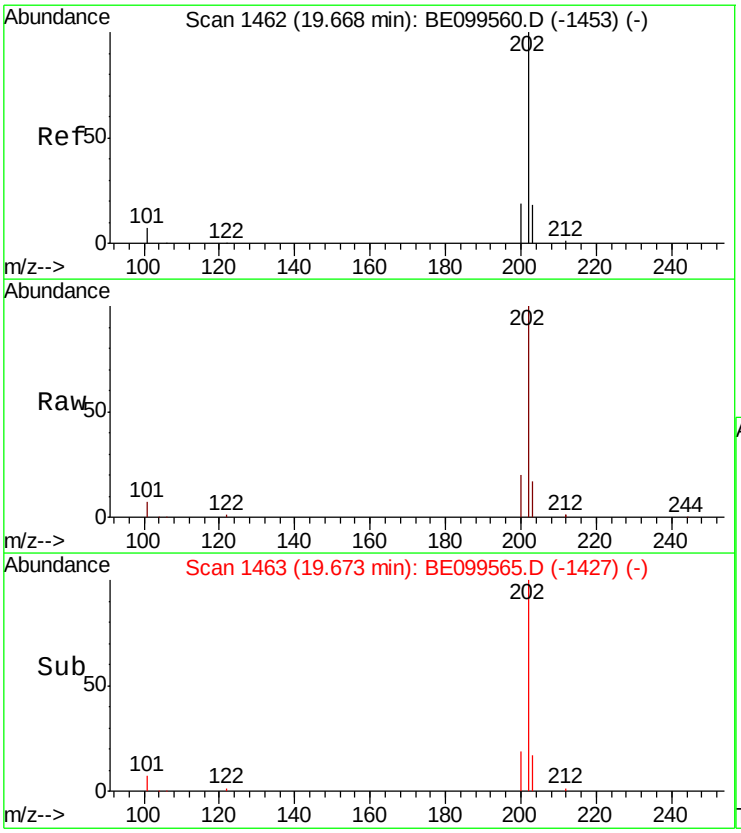
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:240 Resp: 18806

Ion	Ratio	Lower	Upper
240	100		
120	7.6	3.8	5.6#
236	27.8	22.5	33.7

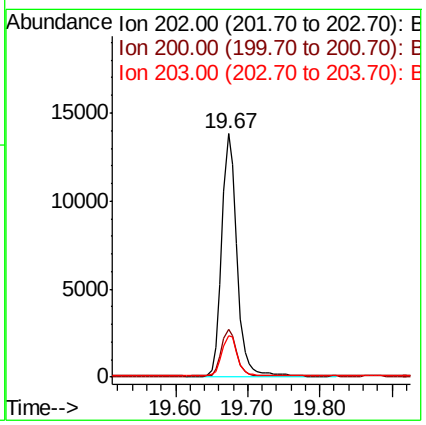


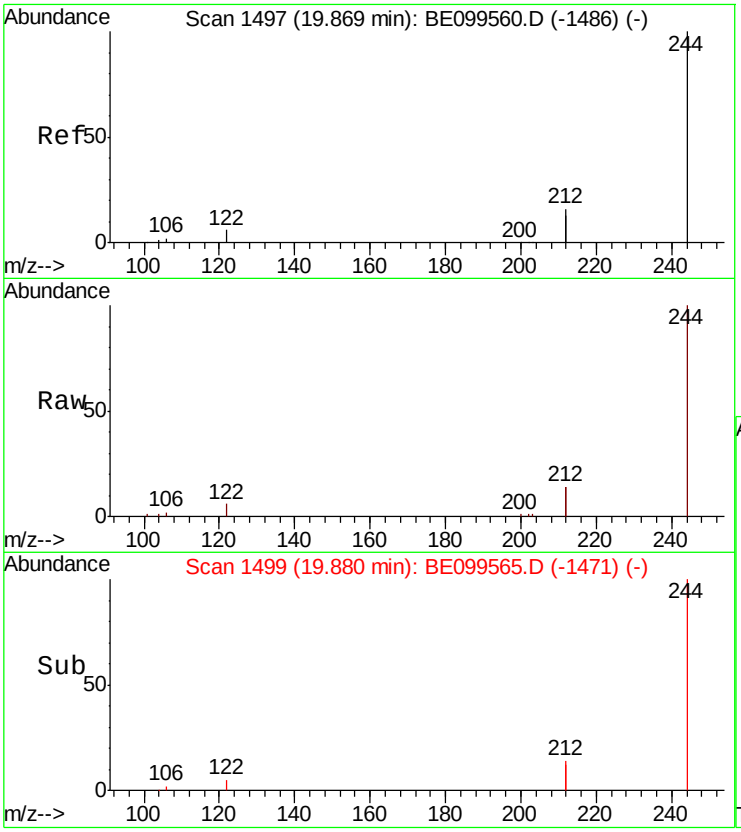


#28
Pyrene
Concen: 0.399 ng
RT: 19.67 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:202 Resp: 20112

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.6
203	17.1	14.1	21.1



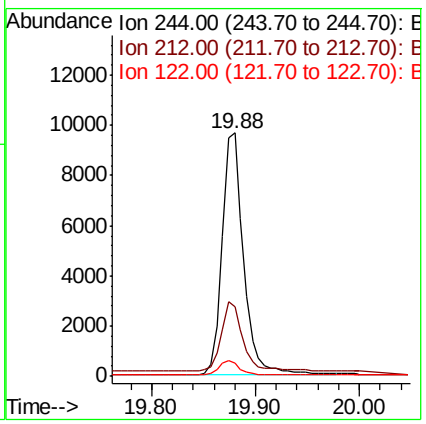


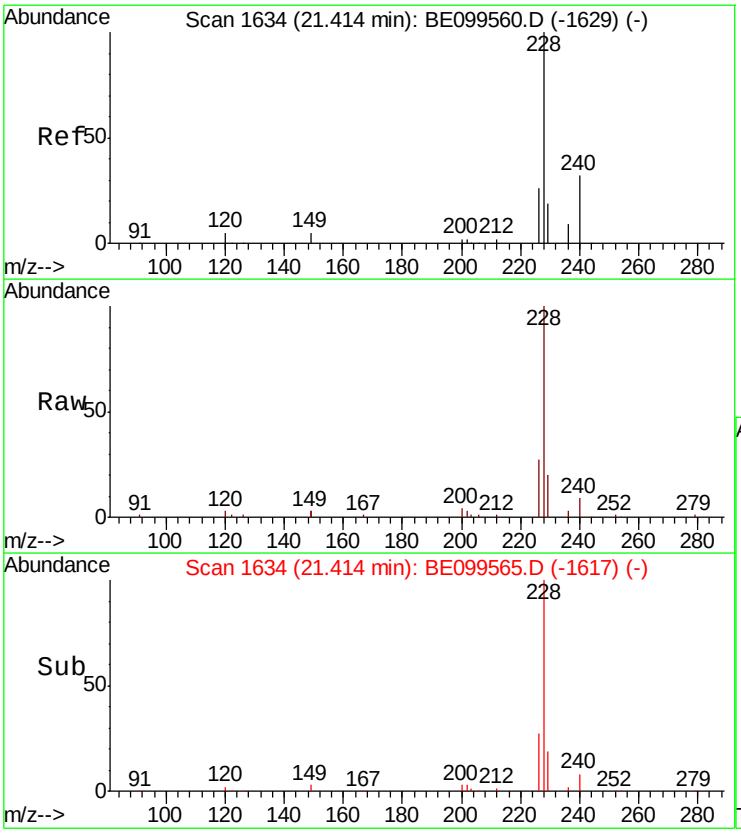
#29
Terphenyl-d14
Concen: 0.400 ng
RT: 19.88 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:244 Resp: 13937

Ion	Ratio	Lower	Upper
244	100		
212	28.3	24.6	37.0
122	5.6	5.0	7.6

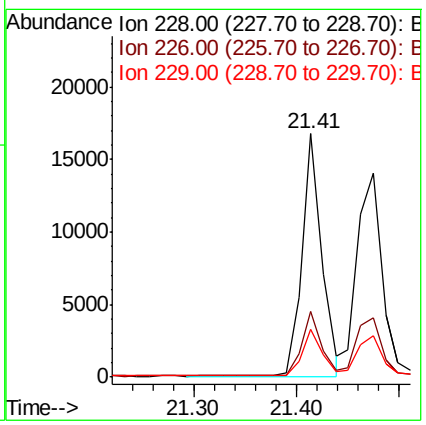


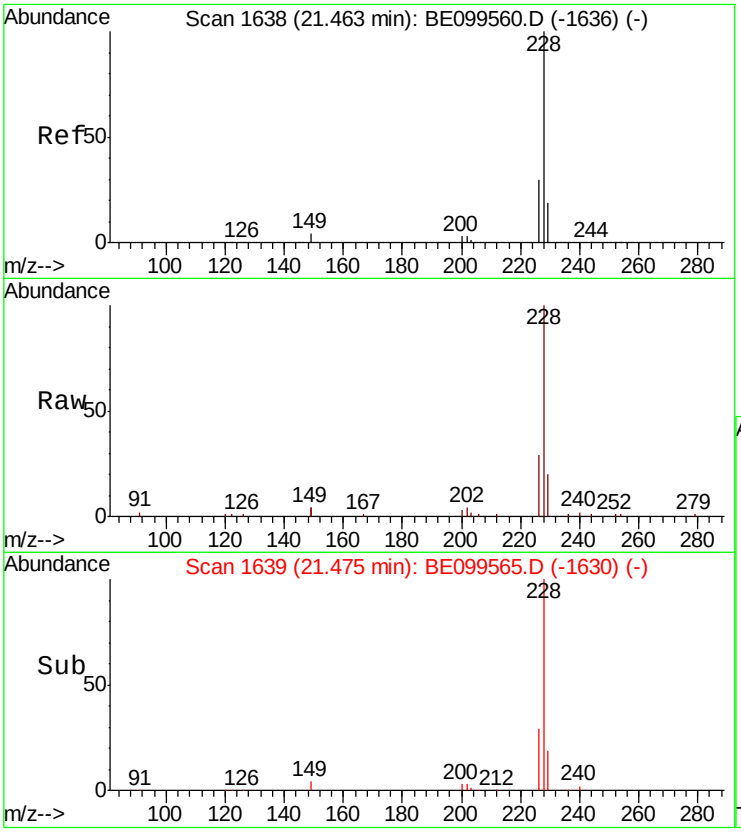


#30
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:228 Resp: 22425

Ion	Ratio	Lower	Upper
228	100		
226	27.2	20.9	31.3
229	19.6	16.1	24.1



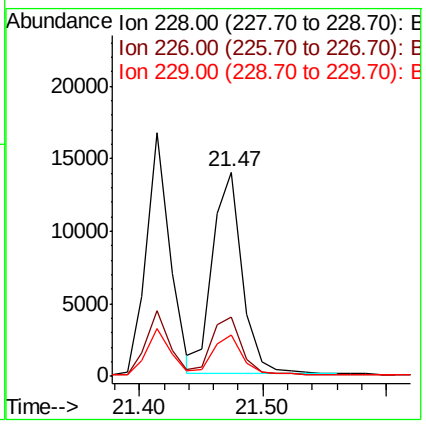


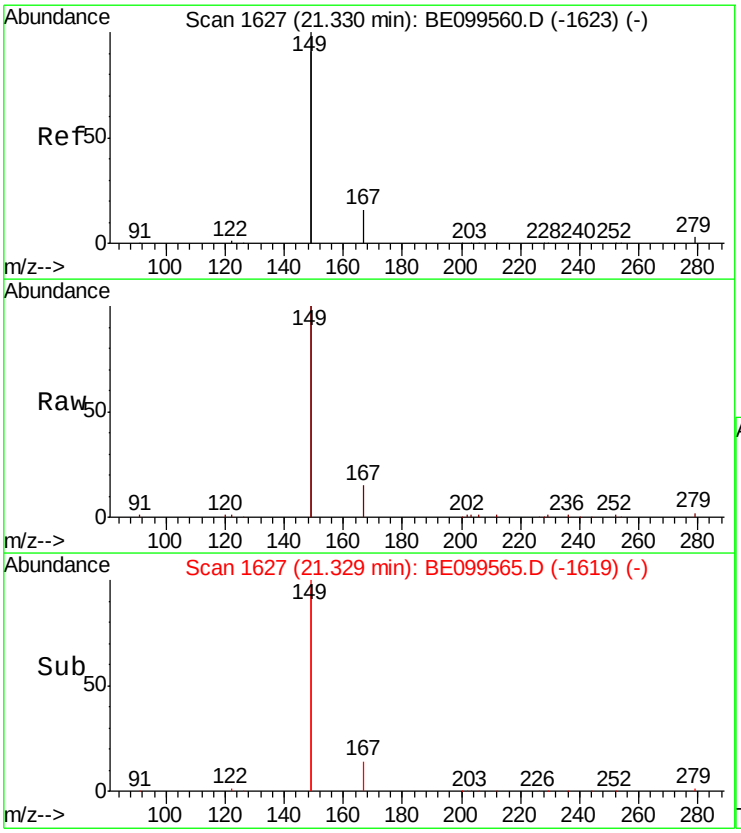
#31
Chrysene
Concen: 0.404 ng
RT: 21.47 min Scan# 1639
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:228 Resp: 23205

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.4
229	20.0	15.8	23.6

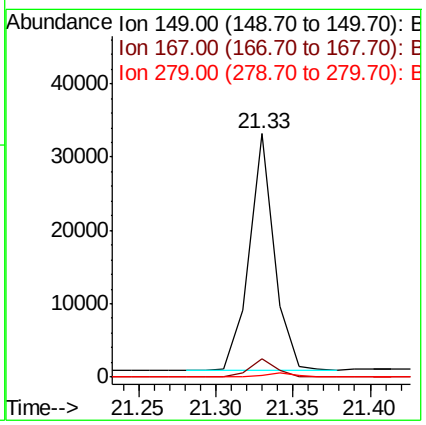


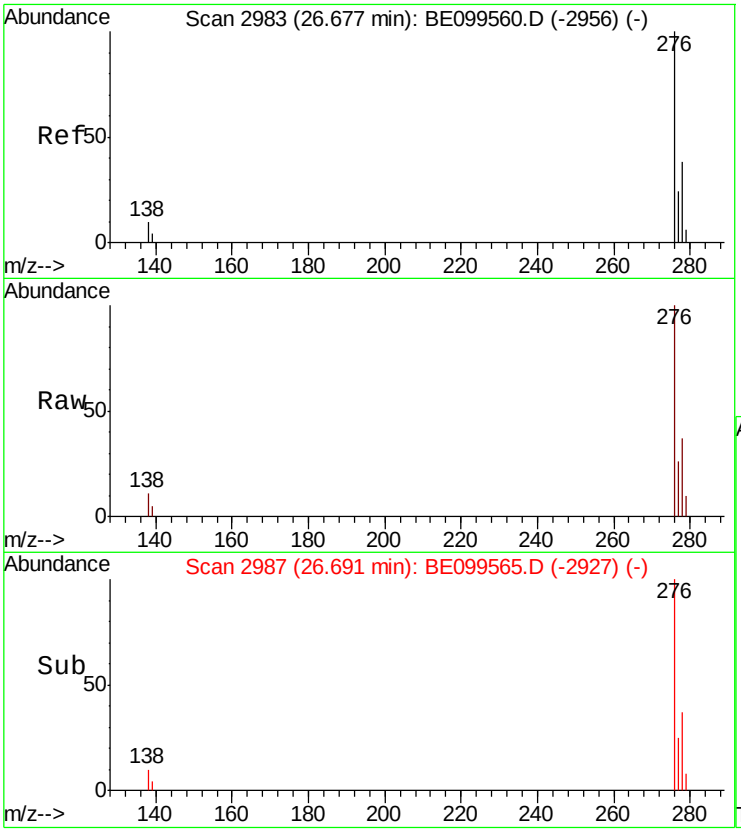


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.396 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:149 Resp: 36543

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.1	9.1
279	1.5	1.3	1.9



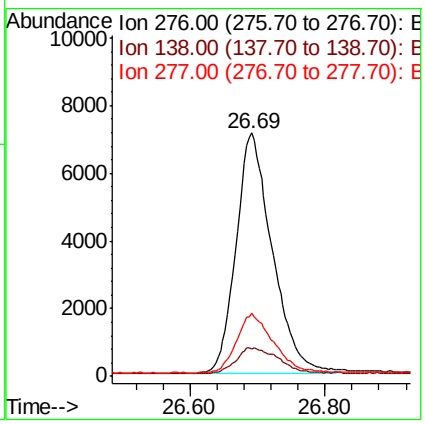


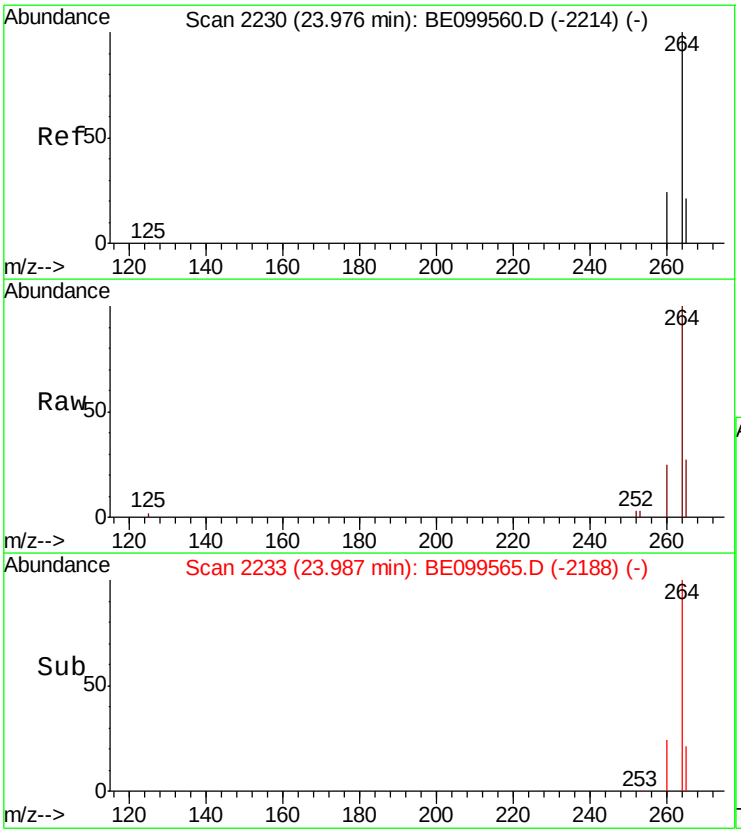
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.69 min Scan# 2987
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:276 Resp: 26609

Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.5	14.3
277	25.1	19.7	29.5

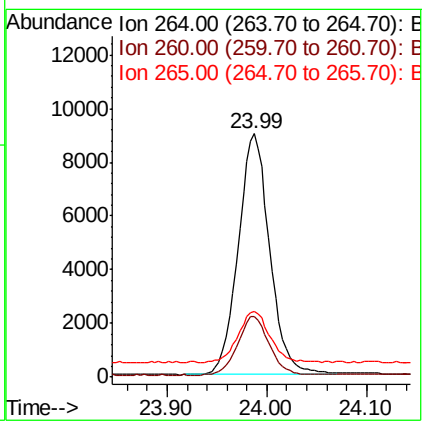


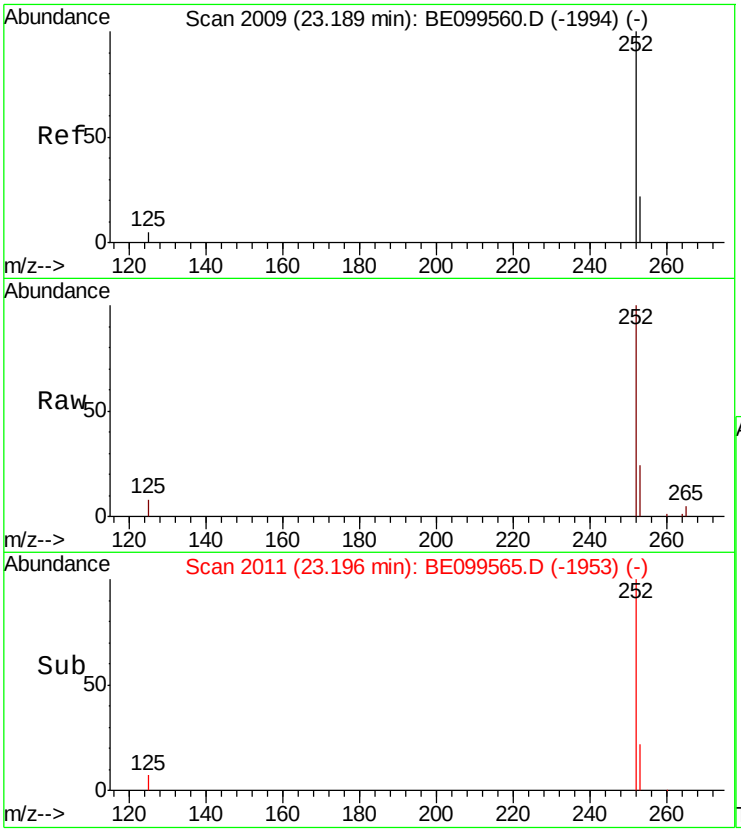


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:264 Resp: 19677

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	26.8	22.2	33.2



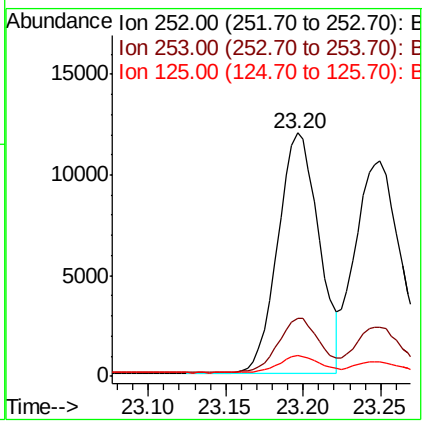


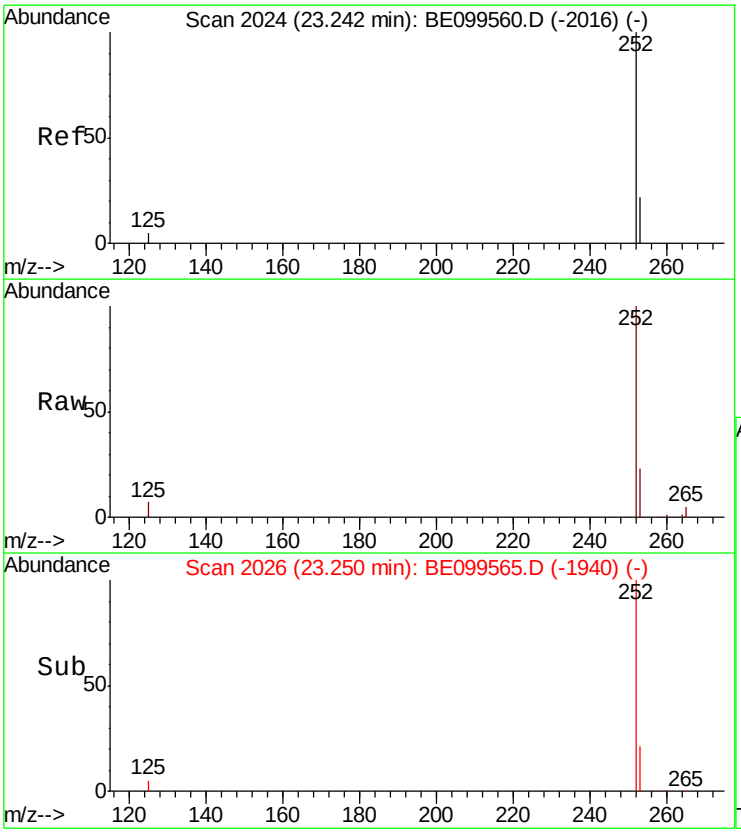
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.20 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:252 Resp: 22081

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	8.4	5.8	8.6

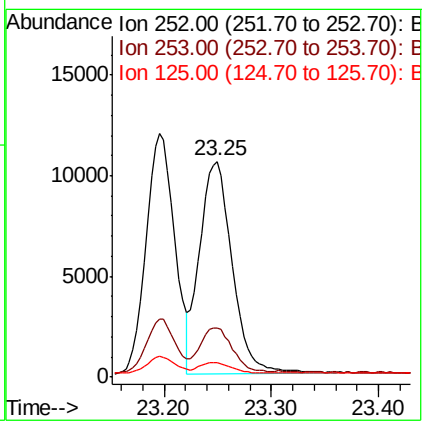


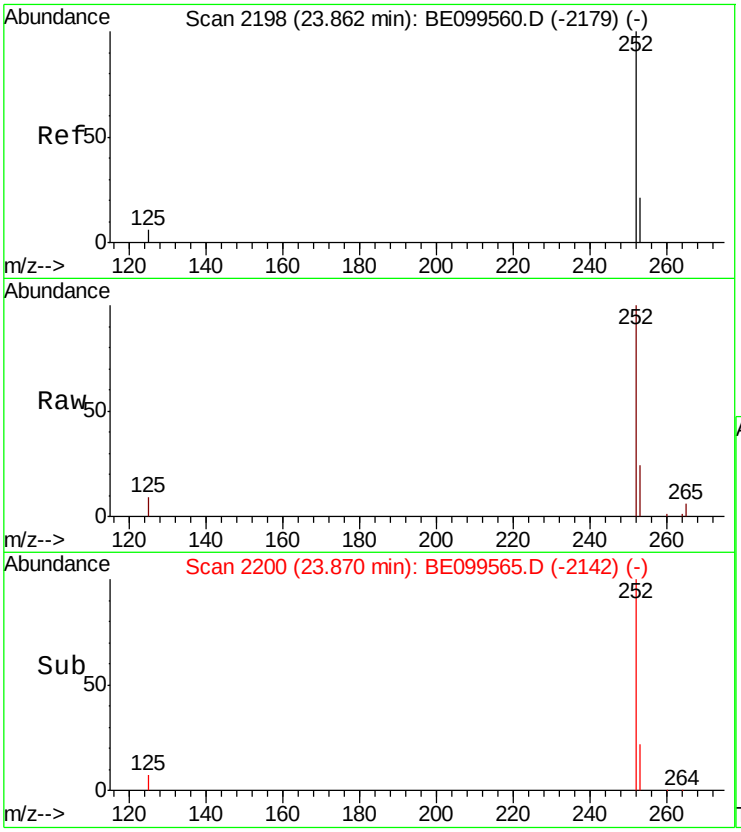


#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 23.25 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:252 Resp: 22144

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.1	28.7
125	6.6	5.8	8.6



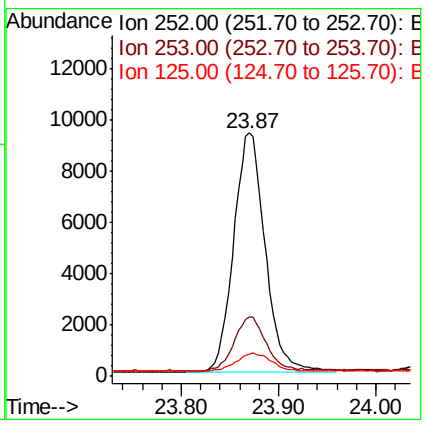


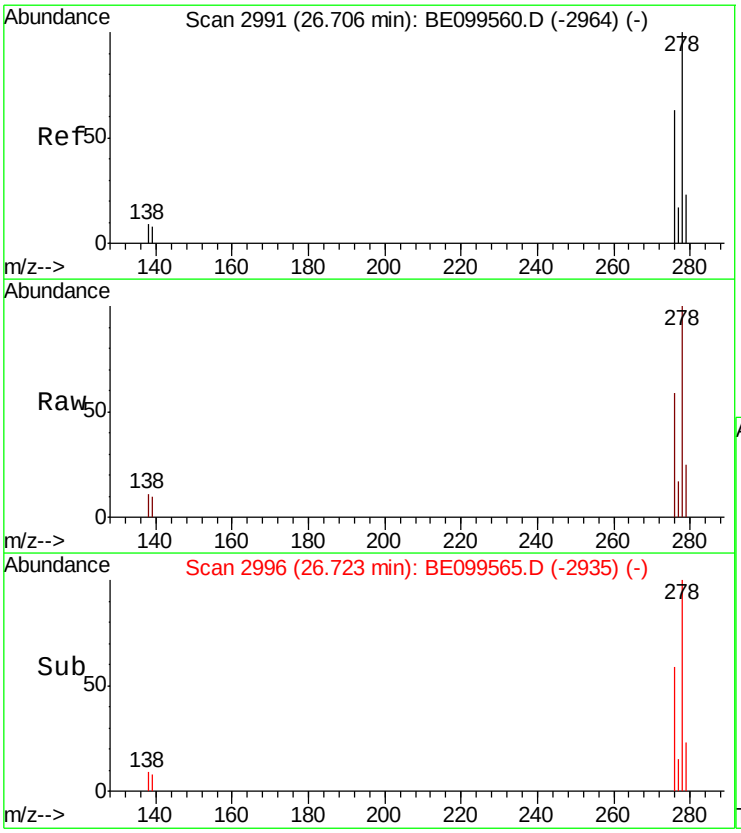
#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:252 Resp: 21166

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	9.2	6.6	9.8

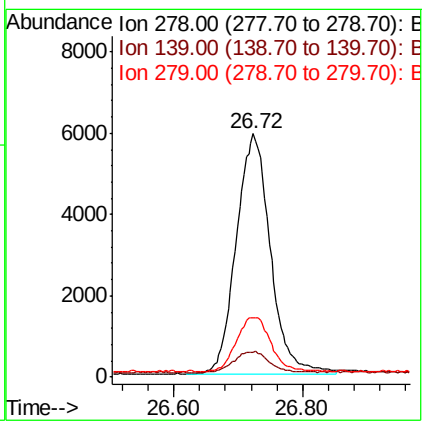


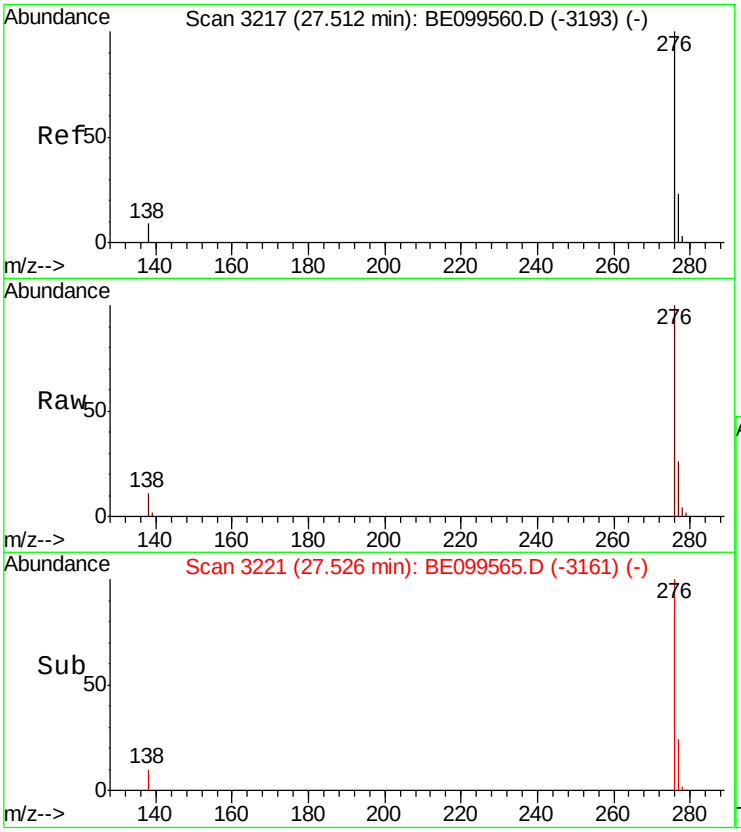


#38
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 26.72 min Scan# 2996
Delta R.T. 0.02 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:278 Resp: 21790

Ion	Ratio	Lower	Upper
278	100		
139	10.3	7.7	11.5
279	24.6	21.0	31.4





#39
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 27.53 min Scan# 3221
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tgt Ion:276 Resp: 21925

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.7	29.5
138	11.3	8.6	12.8