Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051519\
Data File : BE099617.D
Acq On : 15 May 2019 18:27
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 16 06:43:24 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	7.82	152	1647	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	5671	0.40	ng		0.01
13) Acenaphthene-d10	14.50	164	3793	0.40	ng		0.01
19) Phenanthrene-d10	17.24	188	11353	0.40	ng		0.01
27) Chrysene-d12	21.43	240	16709	0.40	ng		0.01
34) Perylene-d12	23.97	264	20524	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1600	0.34	ng		0.01
5) Phenol-d6	6.99	99	2067	0.35	ng		0.01
8) Nitrobenzene-d5	8.99	82	1878	0.34	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	3472	0.36	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	837	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	5481	0.38	ng		0.01
25) Fluoranthene-d10	19.27	212	52796	0.35	ng		0.00
29) Terphenyl-d14	19.87	244	10738	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	900	0.371	ng	#	90
3) n-Nitrosodimethylamine	3.62	42	482	0.311	ng	#	96
6) bis(2-Chloroethyl)ether	7.24	93	1780	0.357	ng		95
9) Naphthalene	10.68	128	22146	0.367	ng		100
10) Hexachlorobutadiene	10.95	225	1586	0.359	ng		98
12) 2-Methylnaphthalene	12.31	142	3520	0.353	ng		100
16) Acenaphthylene	14.21	152	6392	0.357	ng		99
17) Acenaphthene	14.56	154	3695	0.365	ng		98
18) Fluorene	15.53	166	5068	0.349	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	2249	0.344	ng	#	82
21) Hexachlorobenzene	16.55	284	2266	0.352	ng		99
22) Pentachlorophenol	16.92	266	584	0.431	ng		97
23) Phenanthrene	17.28	178	9587	0.340	ng		99
24) Anthracene	17.38	178	8624	0.332	ng		99
26) Fluoranthene	19.30	202	15063	0.353	ng		99
28) Pyrene	19.67	202	15812	0.371	ng		100
30) Benzo(a)anthracene	21.40	228	20277	0.402	ng		100
31) Chrysene	21.46	228	20007	0.385	ng		100
32) Bis(2-ethylhexyl)phthalate	21.32	149	27021	0.347	ng		100
33) Indeno(1,2,3-cd)pyrene	26.67	276	25823	0.399	ng		99
35) Benzo(b)fluoranthene	23.18	252	20482	0.357	ng	#	96
36) Benzo(k)fluoranthene	23.23	252	20933	0.369	ng		99
37) Benzo(a)pyrene	23.85	252	19915	0.358	ng	#	96
38) Dibenzo(a,h)anthracene	26.69	278	20950	0.363	ng		100
39) Benzo(g,h,i)perylene	27.50	276	21430	0.370	ng		100

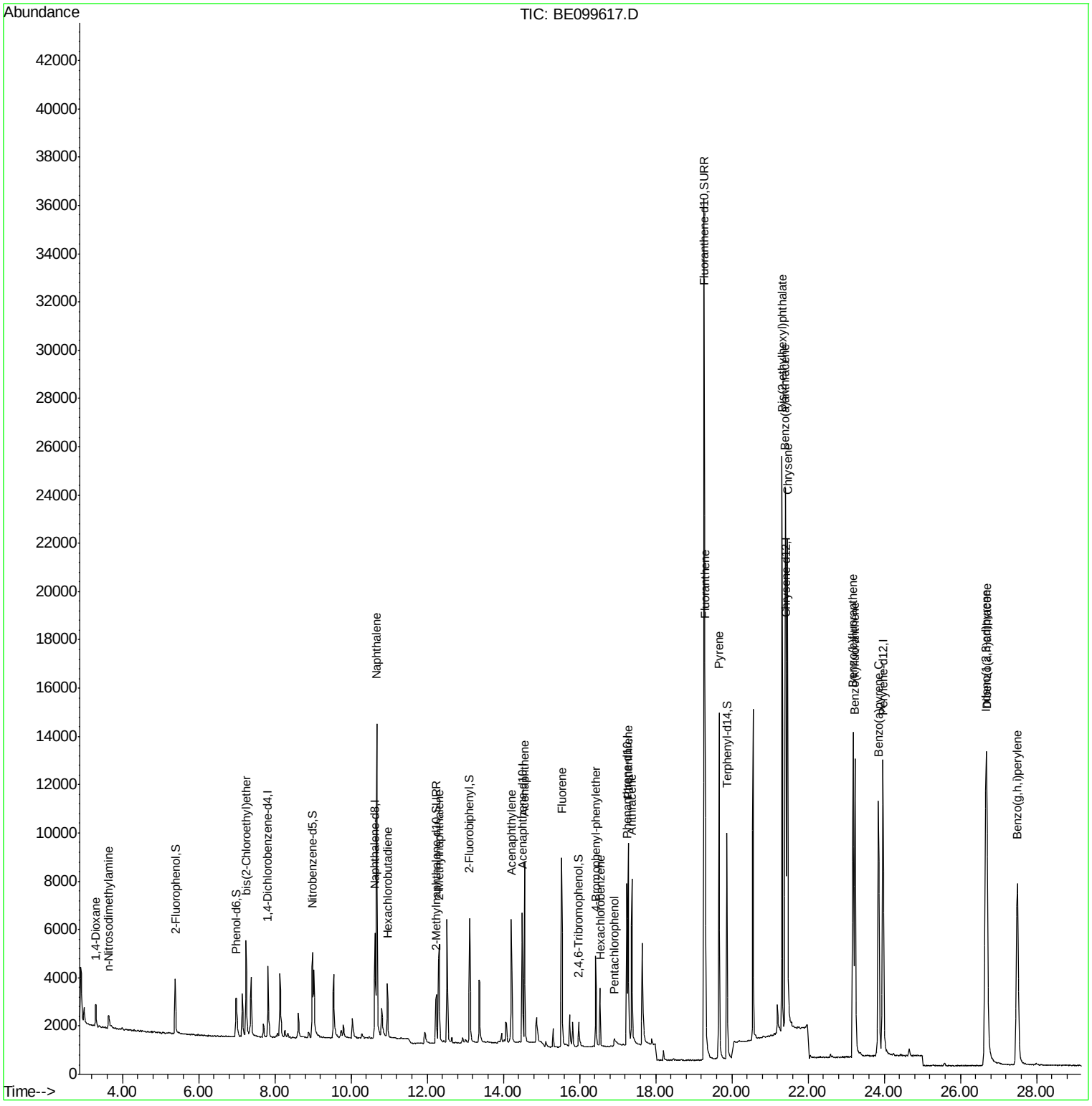
(#) = qualifier out of range (m) = manual integration (+) = signals summed

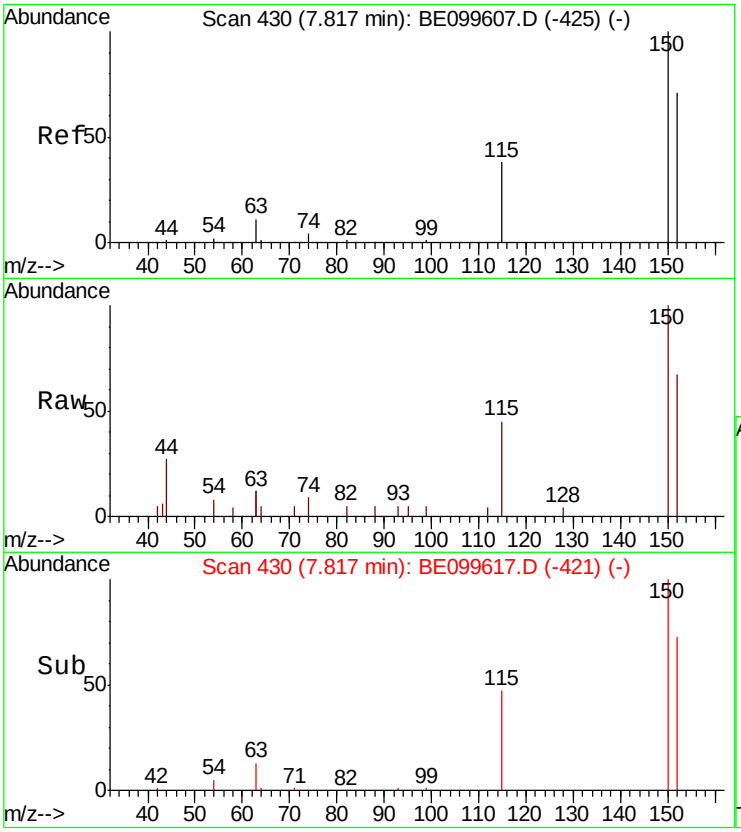
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051519\
Data File : BE099617.D
Acq On : 15 May 2019 18:27
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 15 23:10:04 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



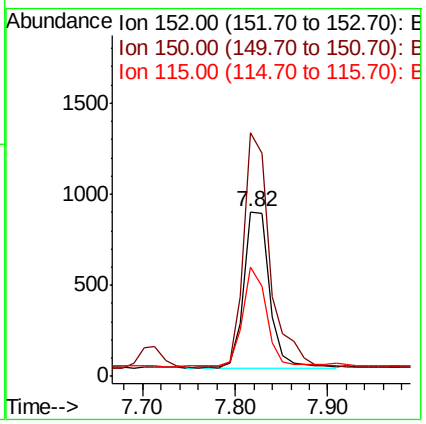


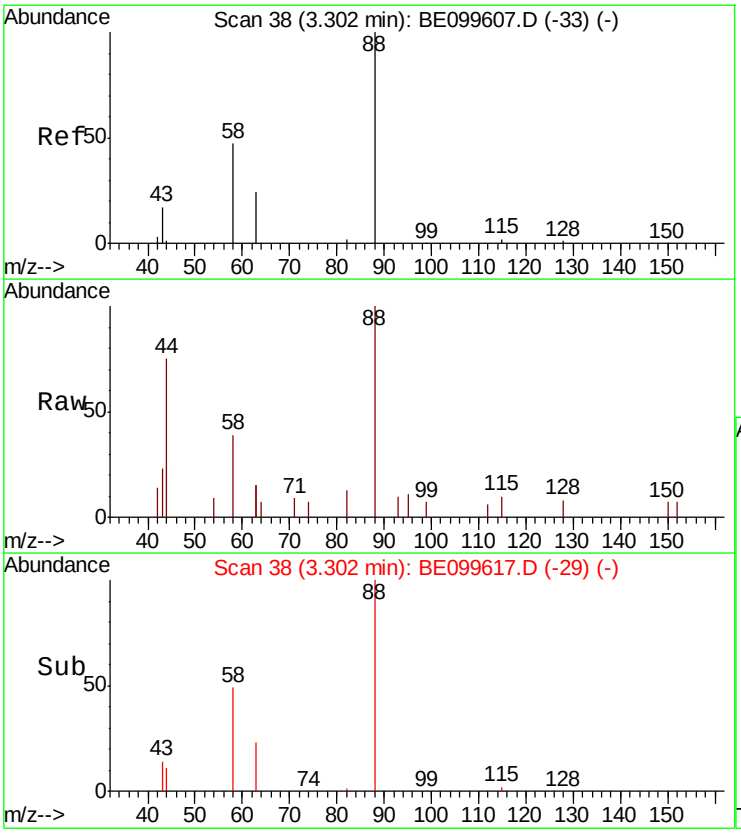
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1647

Ion	Ratio	Lower	Upper
152	100		
150	148.2	110.1	165.1
115	66.7	46.2	69.4

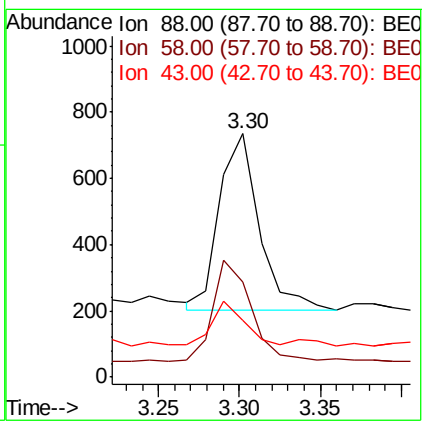


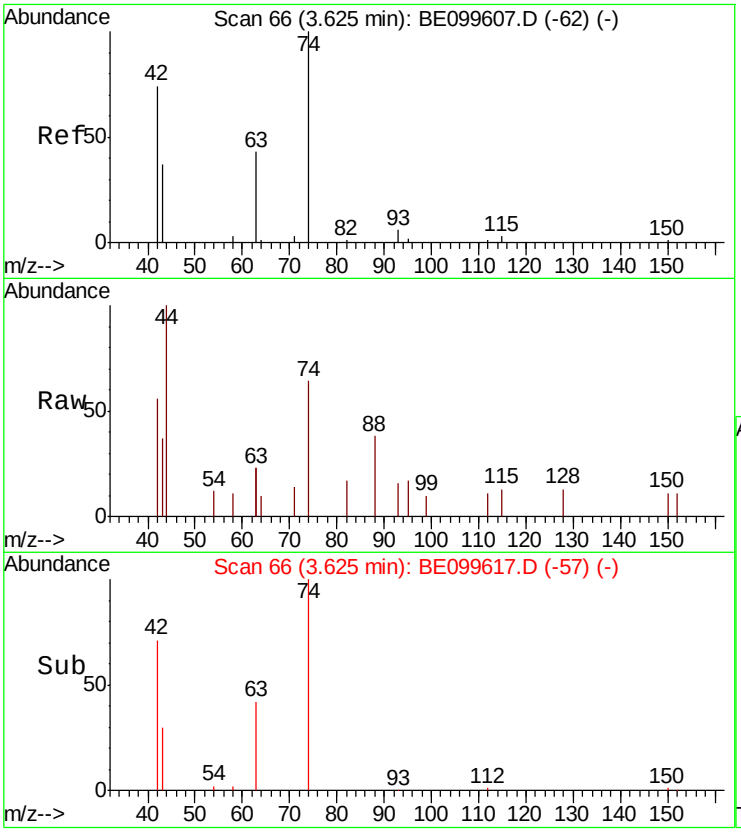


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion: 88 Resp: 900

Ion	Ratio	Lower	Upper
88	100		
58	56.1	39.8	59.6
43	20.0	21.0	31.6#



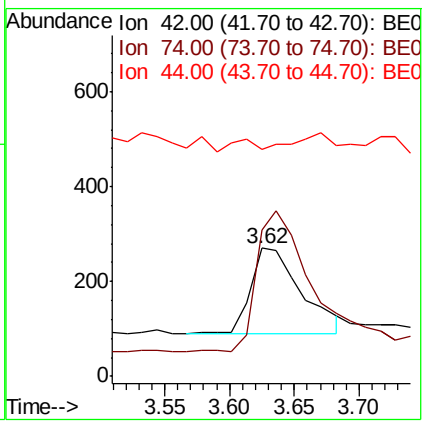


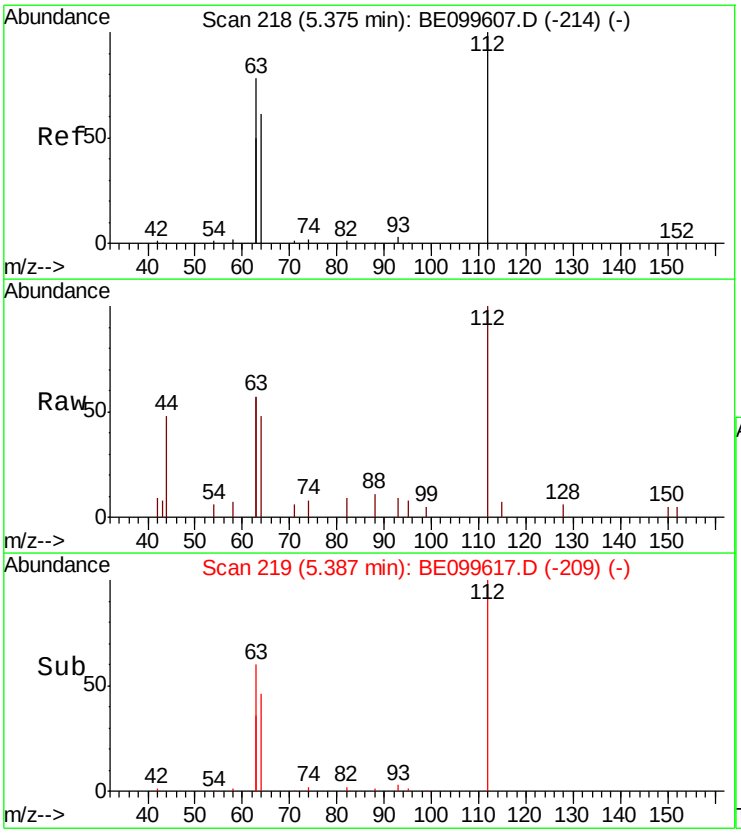
#3
n-Nitrosodimethylamine
Concen: 0.311 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 482

Ion	Ratio	Lower	Upper
42	100		
74	169.7	134.7	202.1
44	0.0	12.5	18.7#

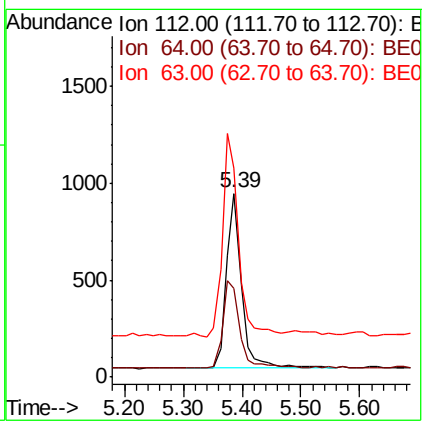


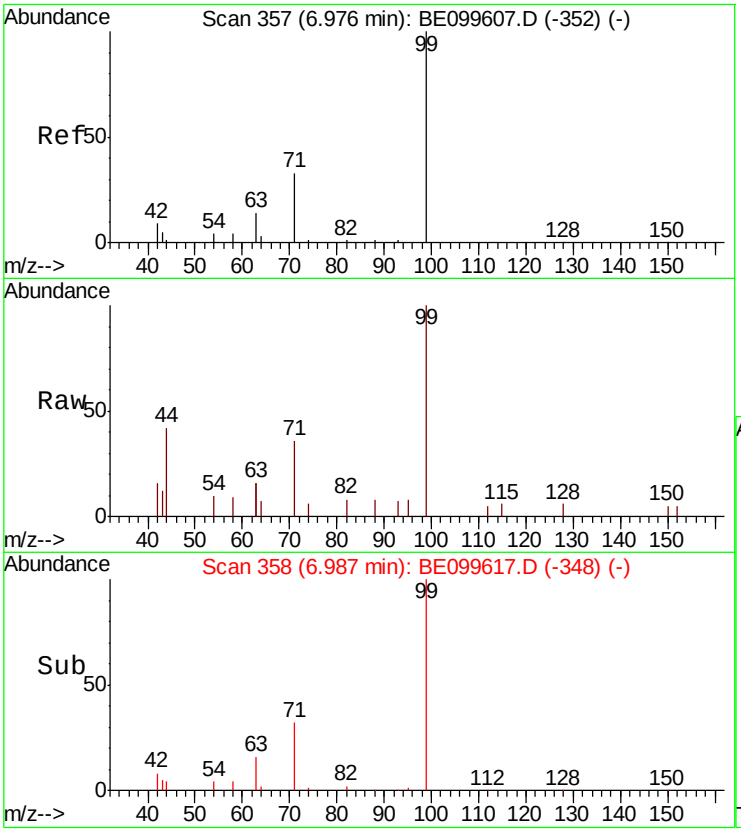


#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:112 Resp: 1600

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.7	65.5
63	124.6	94.0	141.0



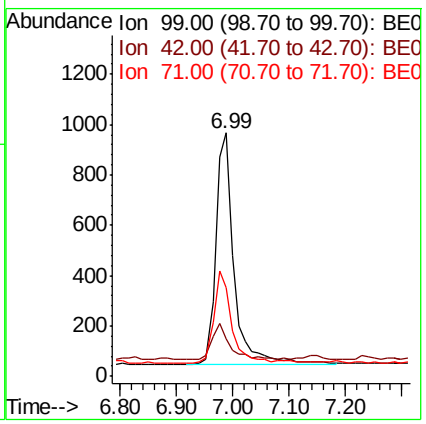


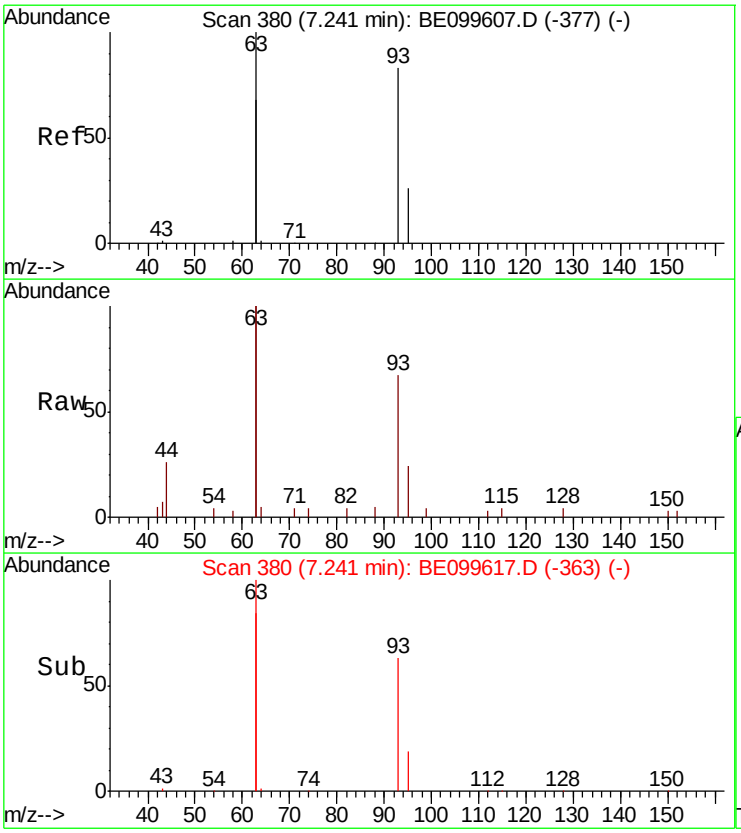
#5
Phenol-d6
Concen: 0.349 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2067

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.3	21.5
71	39.3	33.1	49.7

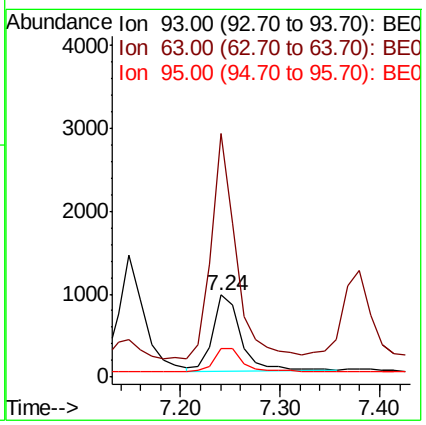


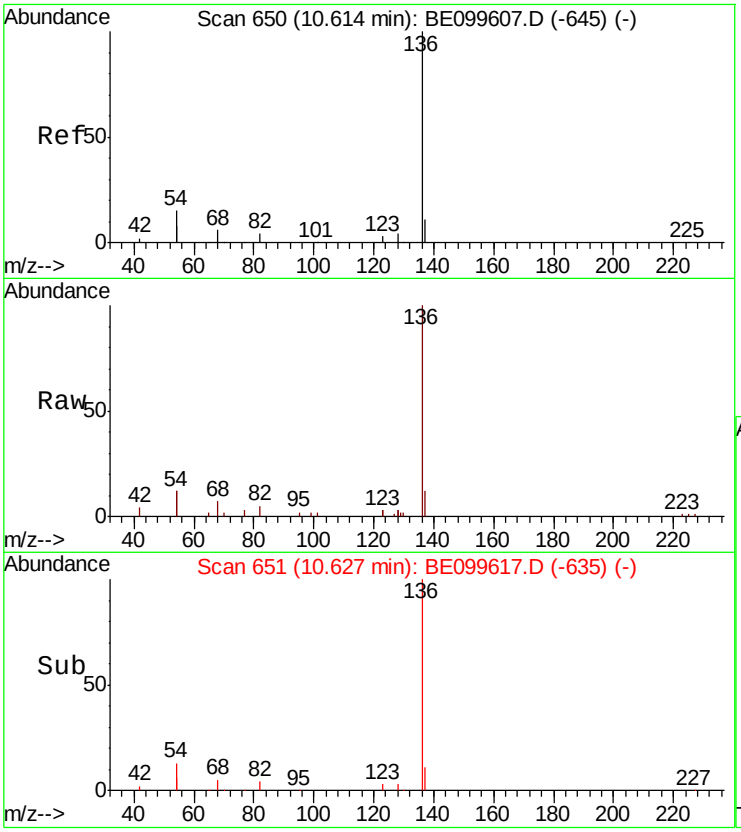


#6
bis(2-Chloroethyl)ether
Concen: 0.357 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion: 93 Resp: 1780

Ion	Ratio	Lower	Upper
93	100		
63	259.6	201.0	301.4
95	33.7	25.0	37.4



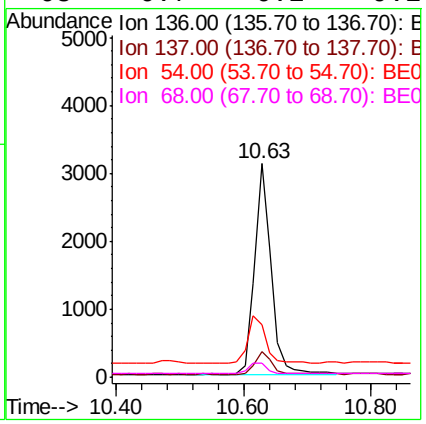


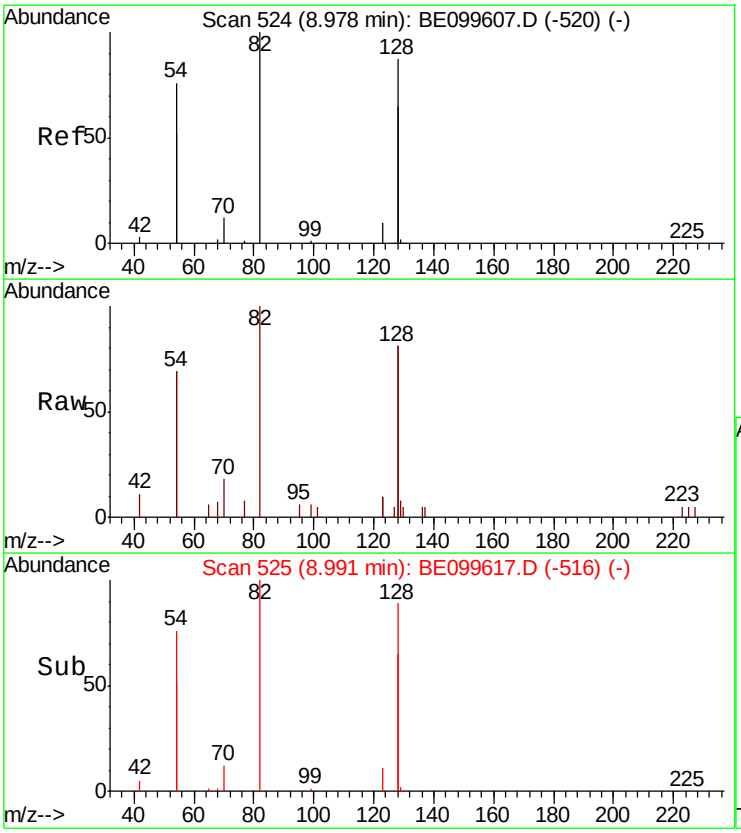
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 5671

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	24.9	23.8	35.8
68	6.7	6.2	9.2

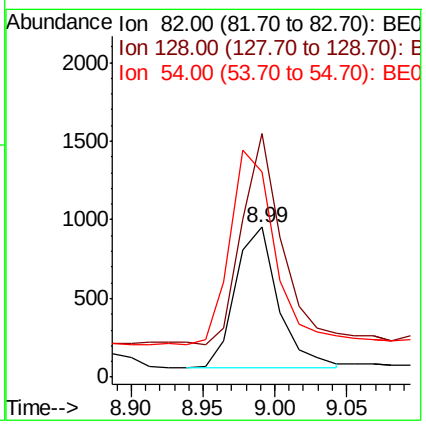


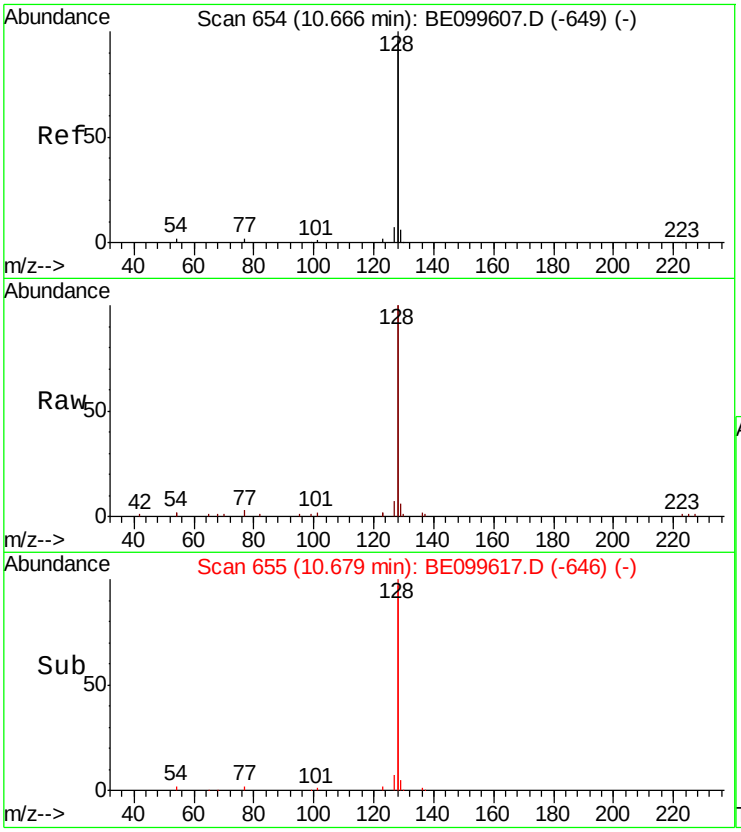


#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion: 82 Resp: 1878

Ion	Ratio	Lower	Upper
82	100		
128	162.3	131.4	197.2
54	137.1	113.9	170.9



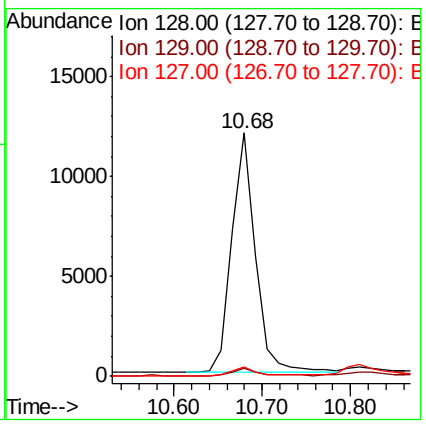


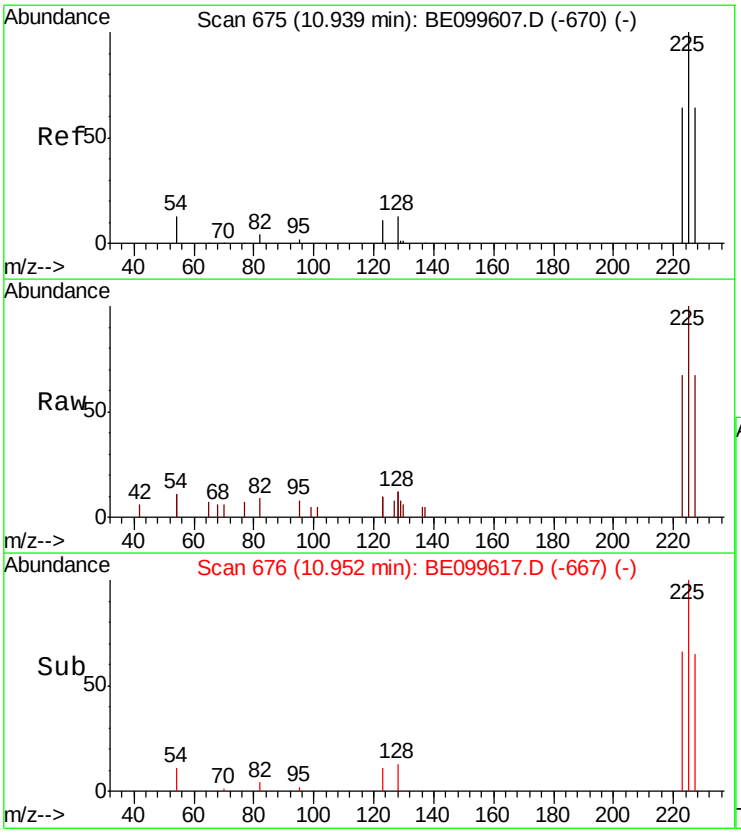
#9
Naphthalene
Concen: 0.367 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 22146

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	4.0
127	3.6	3.0	4.6

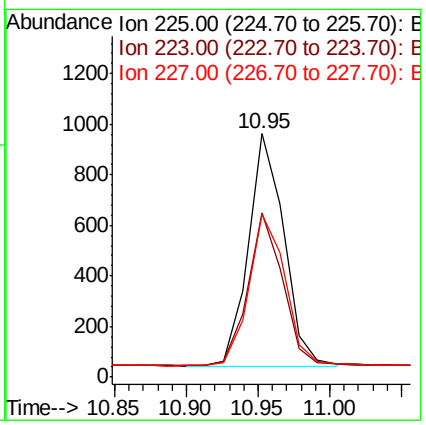


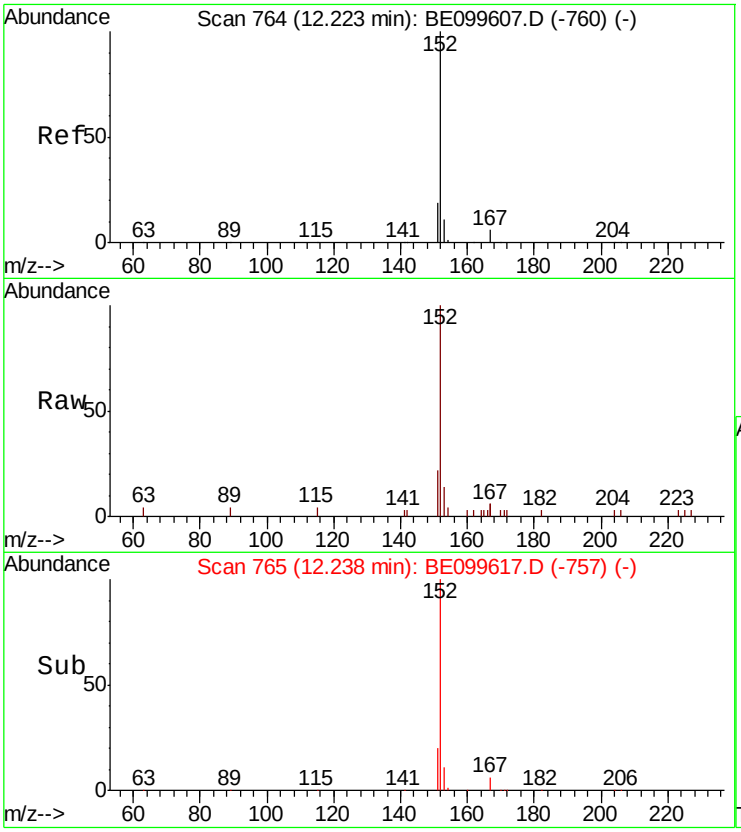


#10
Hexachlorobutadiene
Concen: 0.359 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:225 Resp: 1586

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.8
227	66.5	51.2	76.8



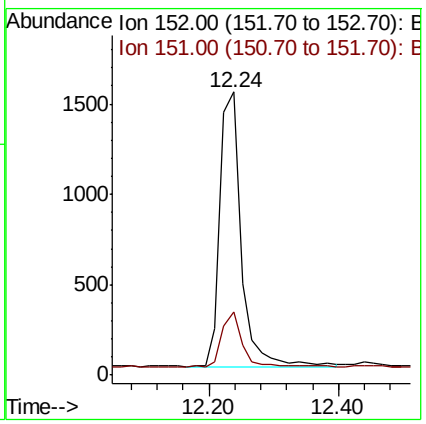


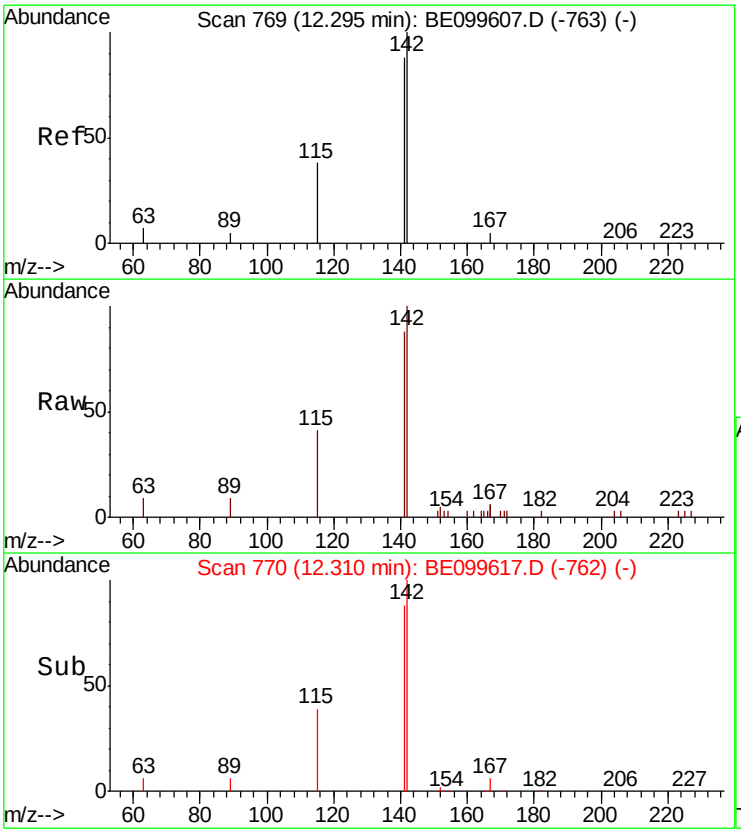
#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3472

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.3	22.9

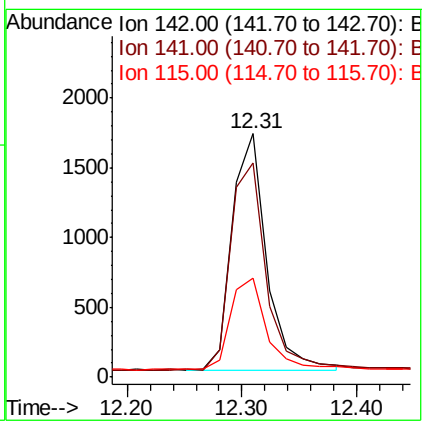


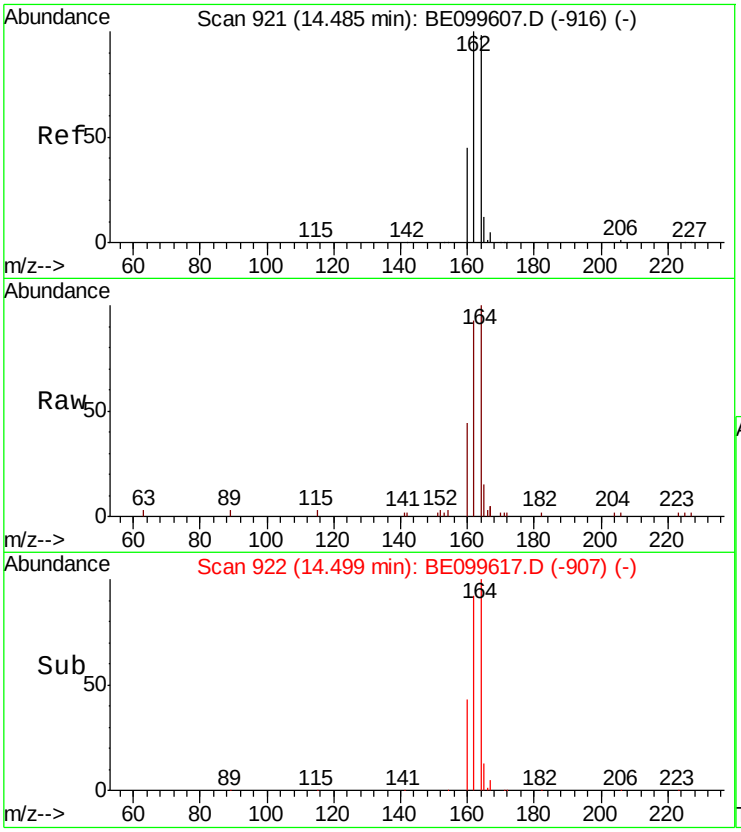


#12
2-Methylnaphthalene
Concen: 0.353 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:142 Resp: 3520

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	40.6	32.2	48.4



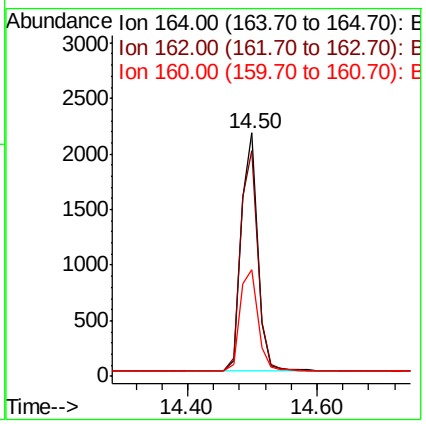


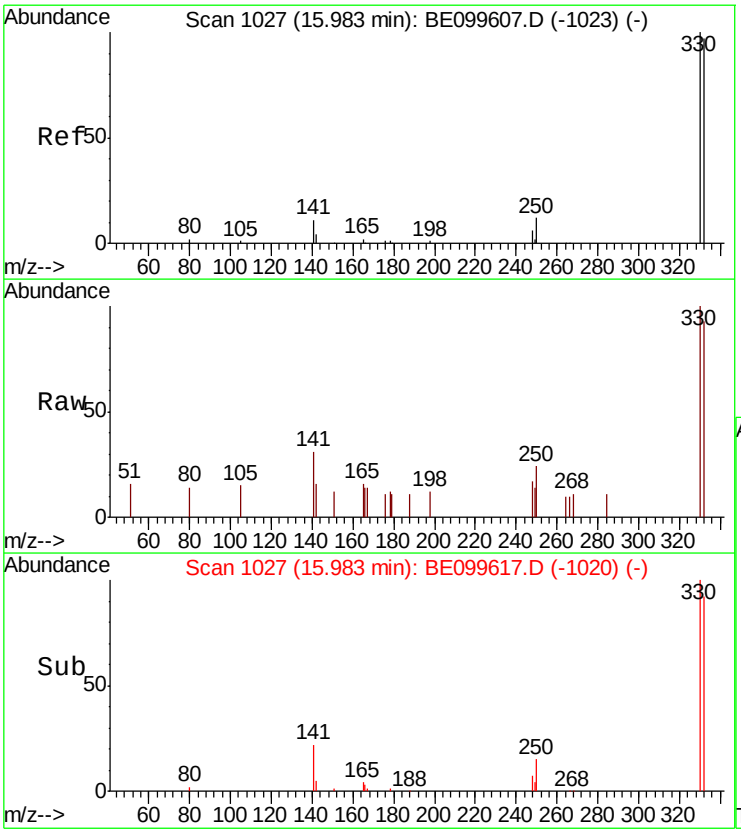
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3793

Ion	Ratio	Lower	Upper
164	100		
162	92.5	81.4	122.0
160	44.0	37.4	56.2

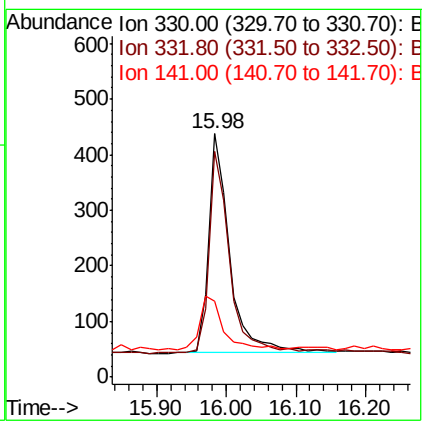


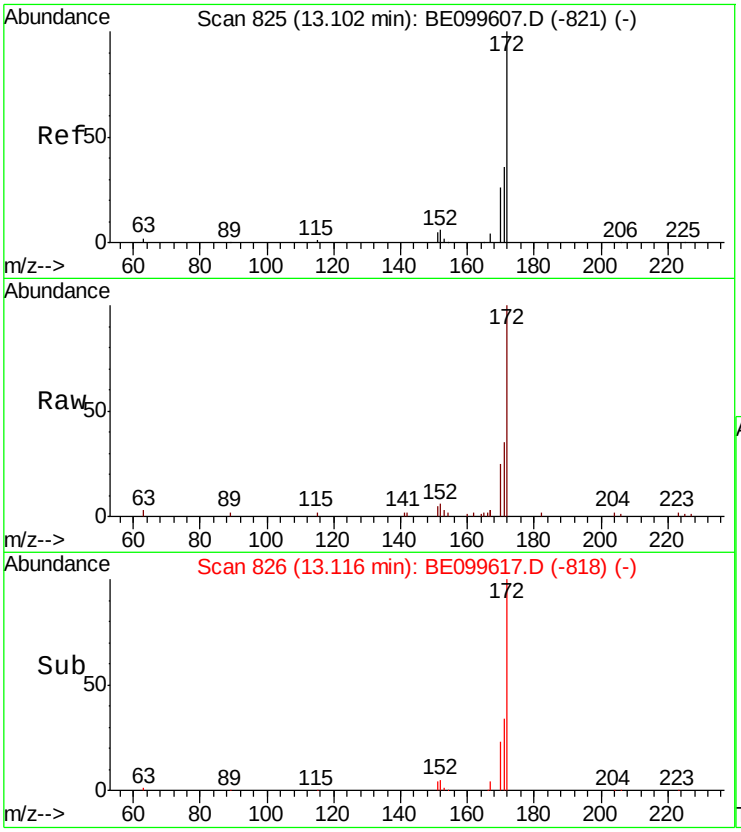


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:330 Resp: 837

Ion	Ratio	Lower	Upper
330	100		
332	88.8	73.8	110.8
141	28.0	21.0	31.6



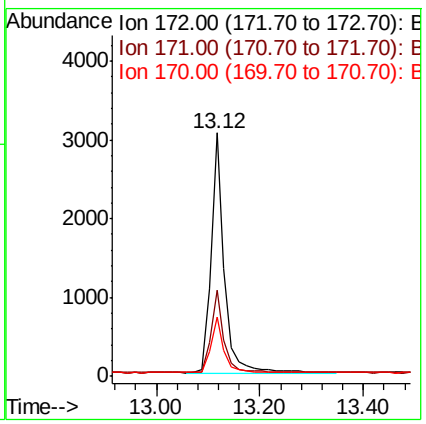


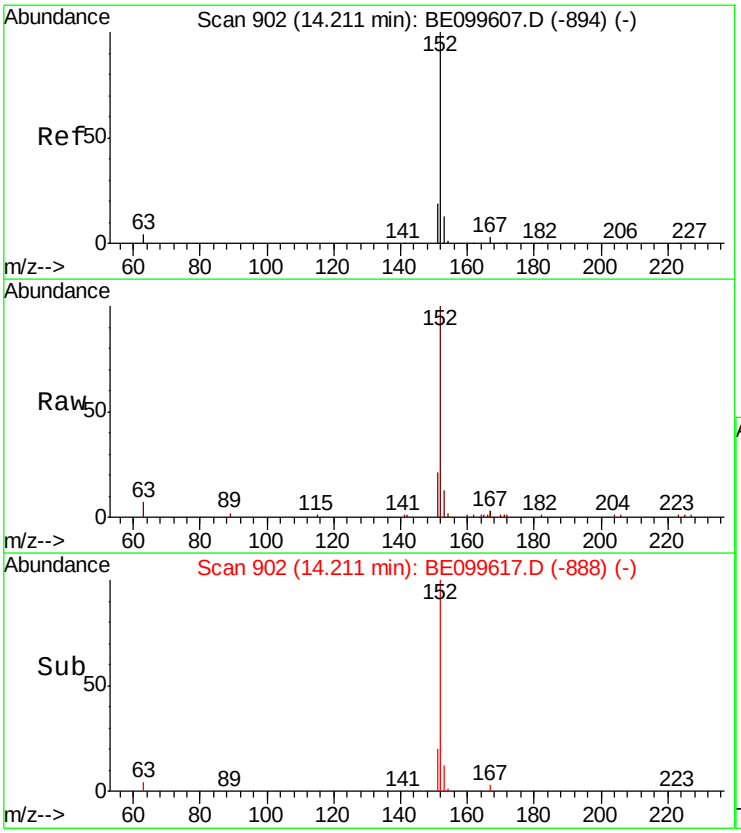
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5481

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.2
170	24.5	21.5	32.3

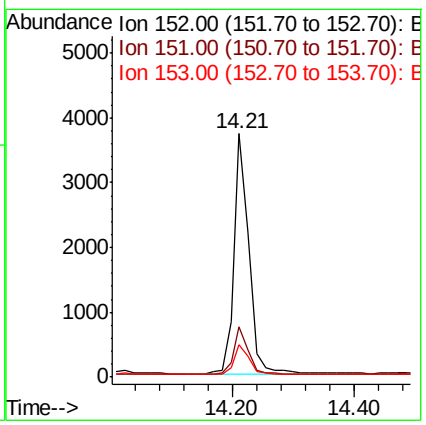


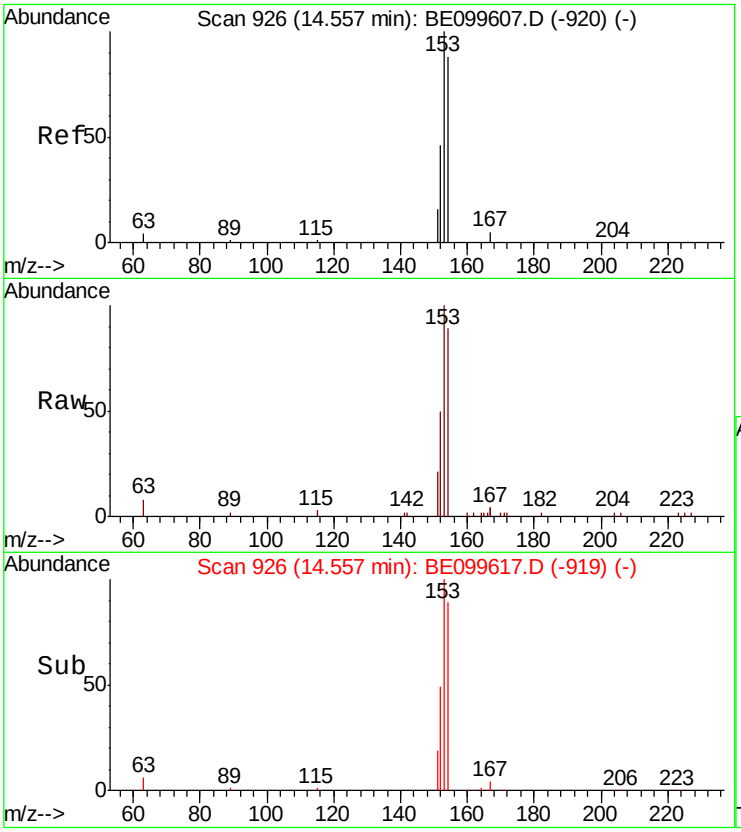


#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:152 Resp: 6392

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.6	23.4
153	12.2	10.4	15.6



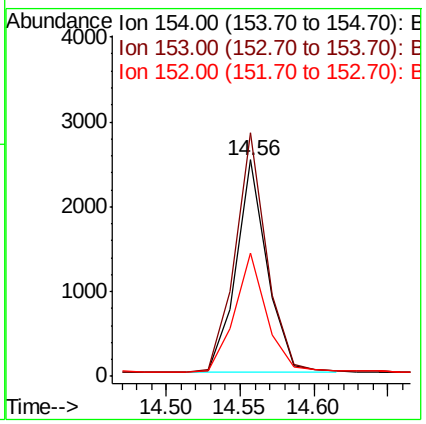


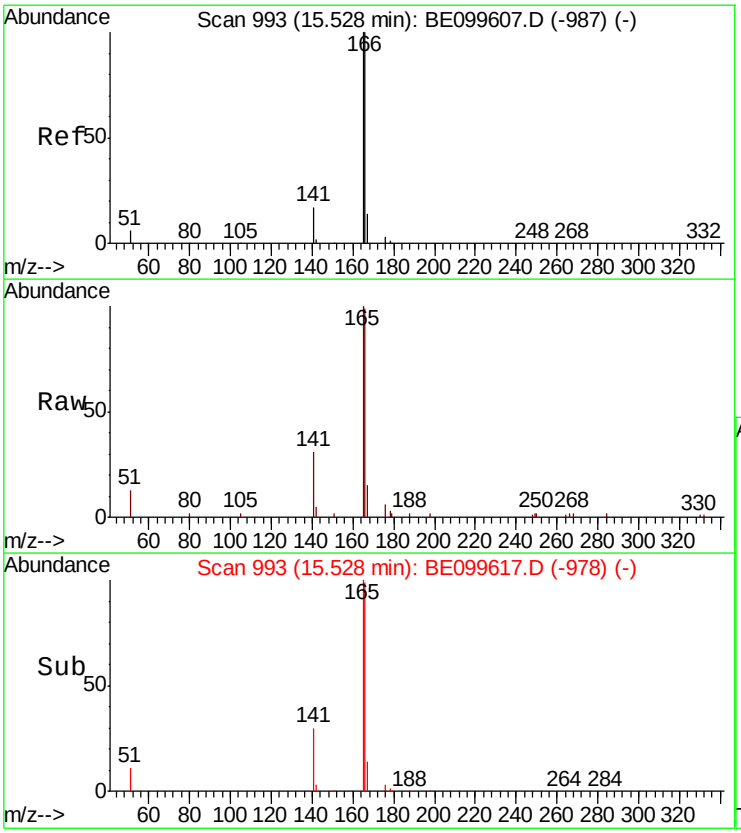
#17
Acenaphthene
Concen: 0.365 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3695

Ion	Ratio	Lower	Upper
154	100		
153	114.3	94.1	141.1
152	57.2	46.5	69.7

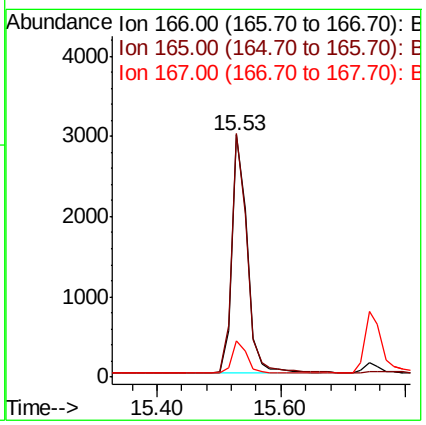


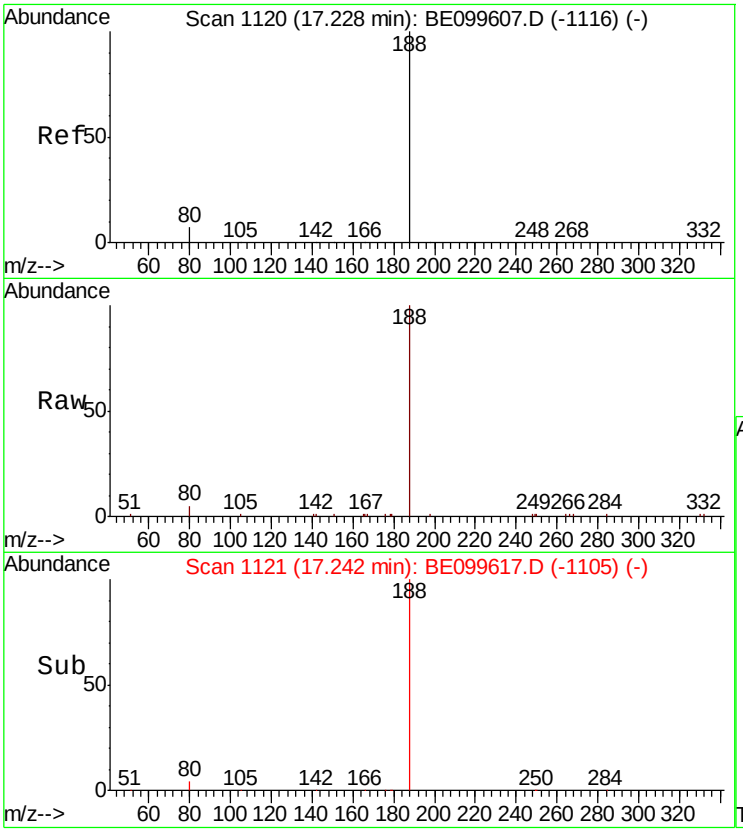


#18
Fluorene
Concen: 0.349 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:166 Resp: 5068

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	13.6	11.2	16.8



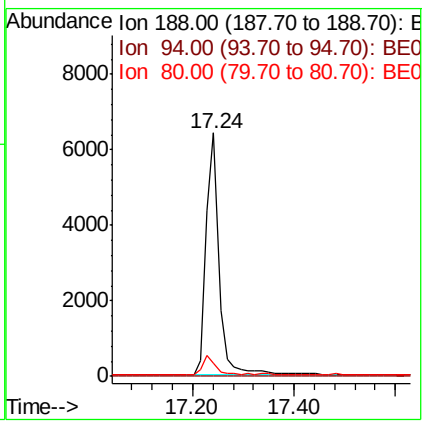


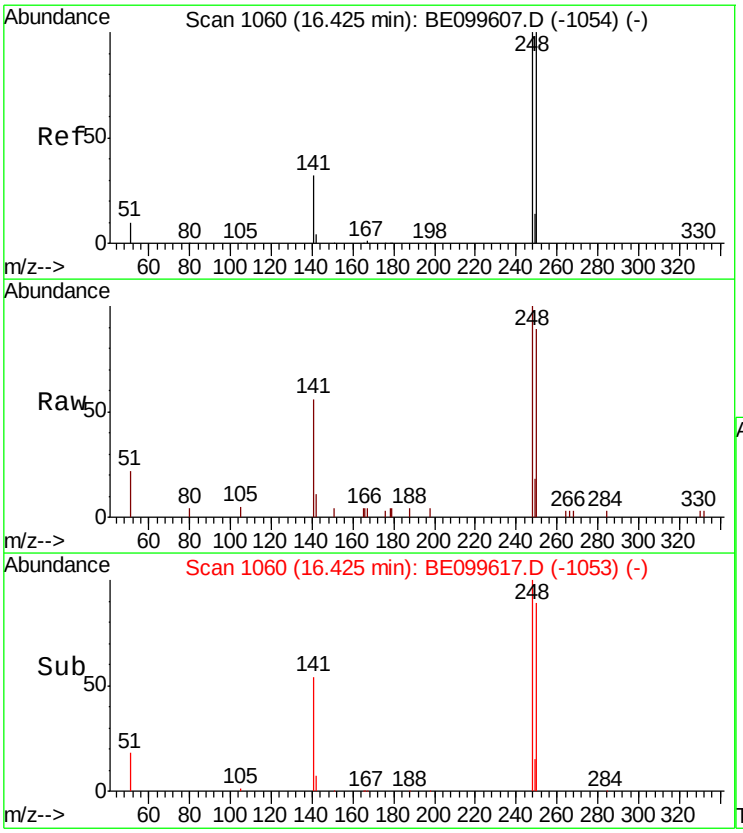
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 11353

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.2	6.4	9.6#

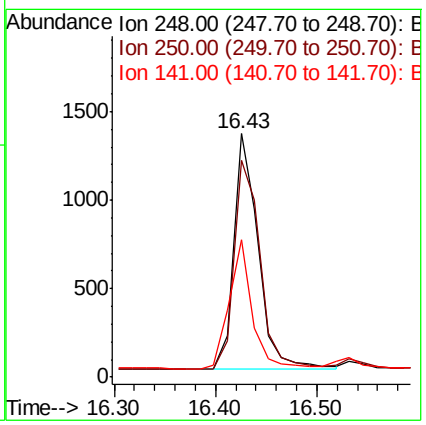


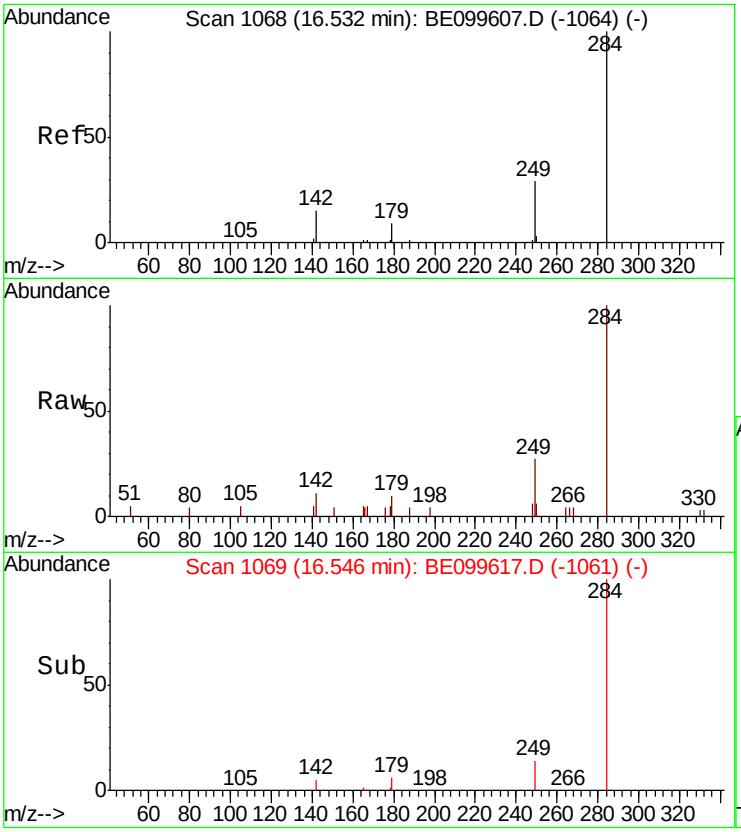


#20
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:248 Resp: 2249

Ion	Ratio	Lower	Upper
248	100		
250	89.1	80.4	120.6
141	56.2	27.8	41.8#



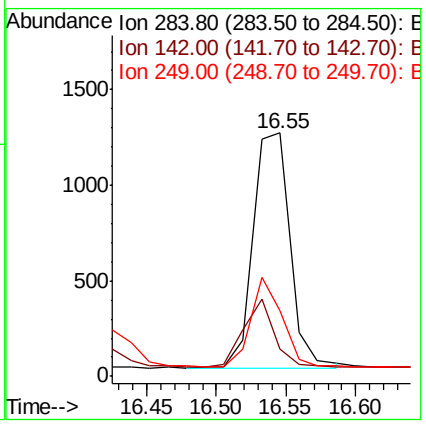


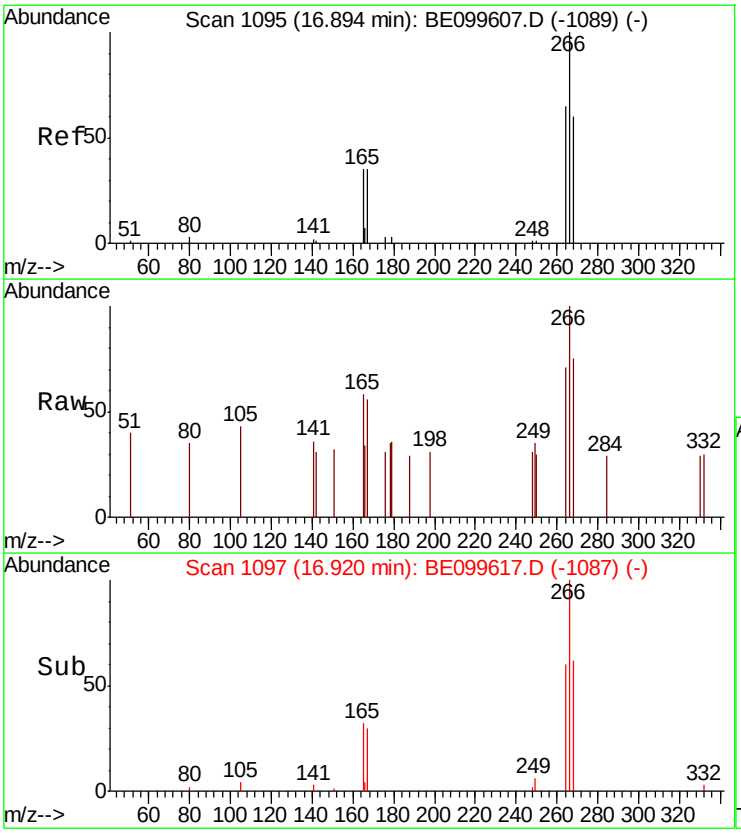
#21
Hexachlorobenzene
Concen: 0.352 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2266

Ion	Ratio	Lower	Upper
284	100		
142	23.7	19.4	29.2
249	31.5	24.6	37.0

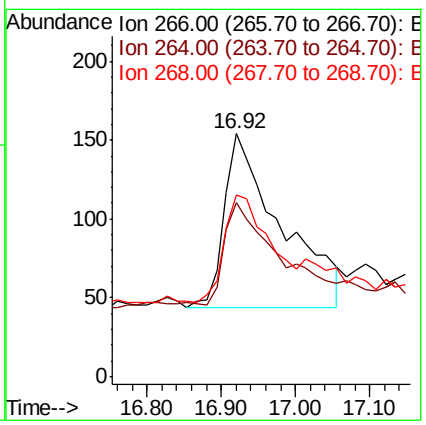


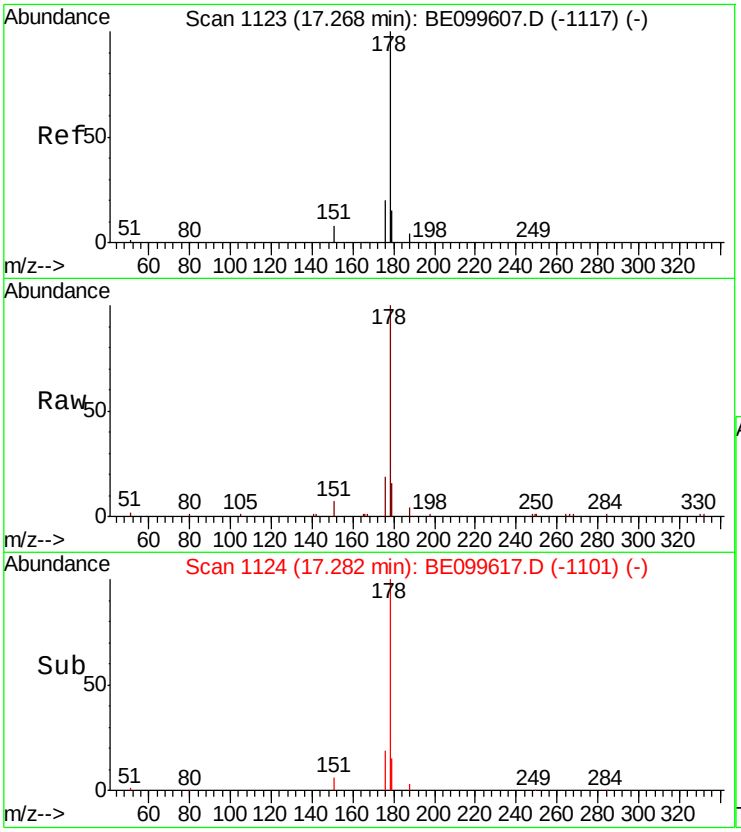


#22
Pentachlorophenol
Concen: 0.431 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.03 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:266 Resp: 584

Ion	Ratio	Lower	Upper
266	100		
264	71.4	57.7	86.5
268	74.7	55.8	83.8



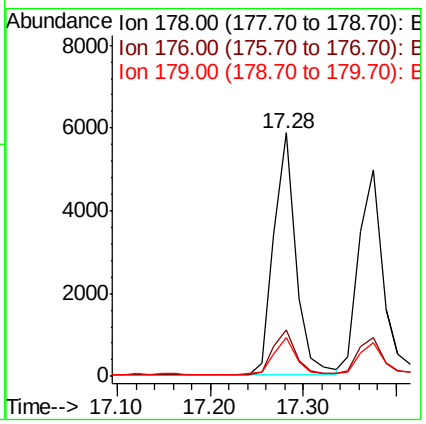


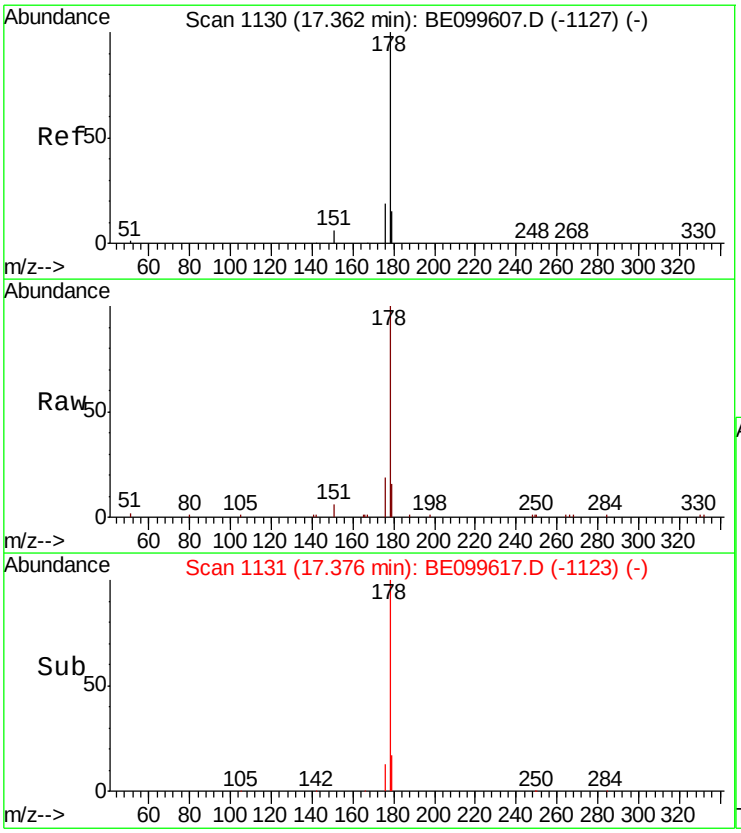
#23
Phenanthrene
Concen: 0.340 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 9587

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	14.9	12.2	18.2

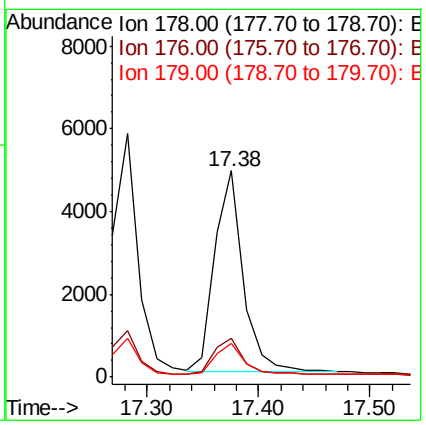


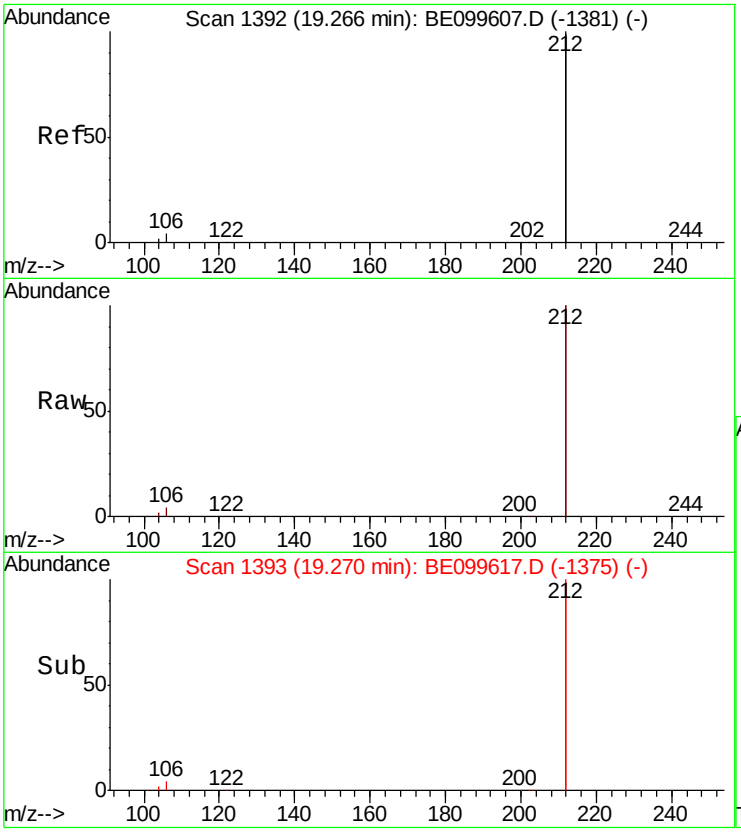


#24
Anthracene
Concen: 0.332 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:178 Resp: 8624

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	15.2	12.1	18.1



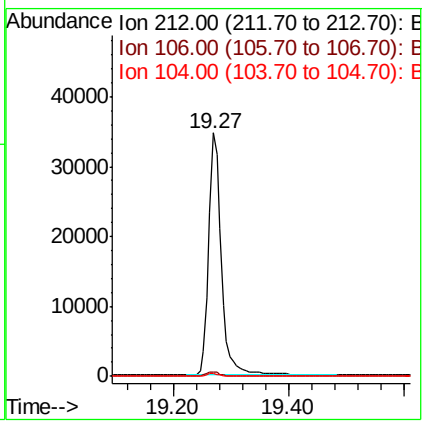


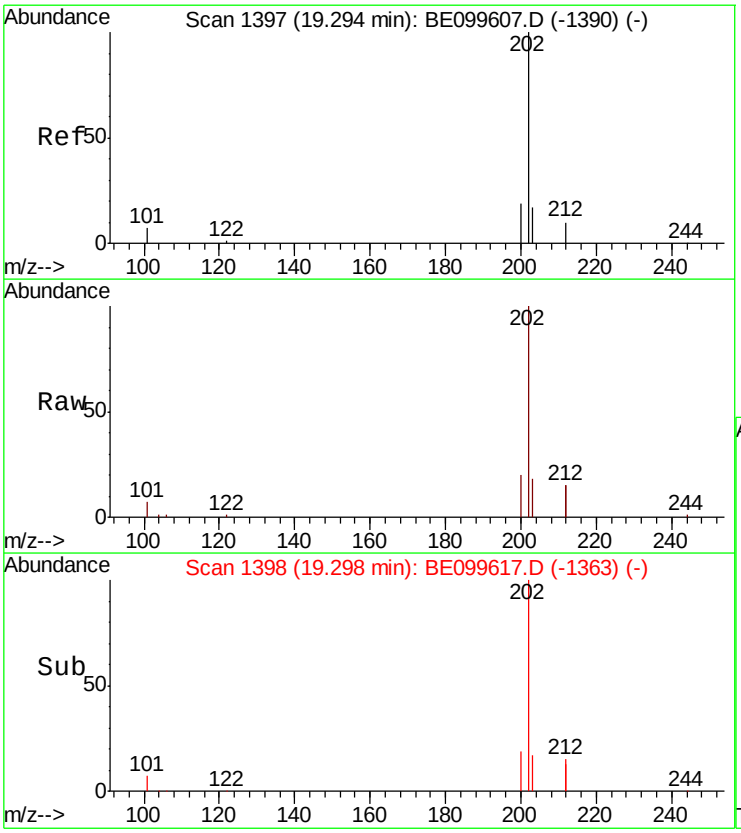
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 52796

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

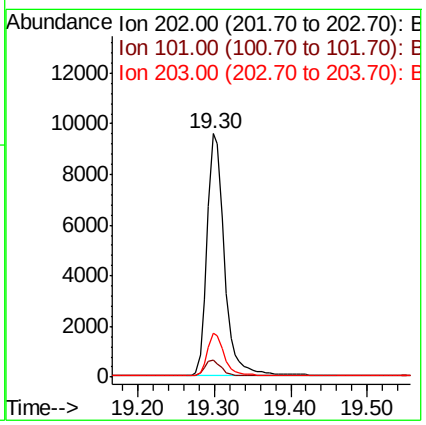


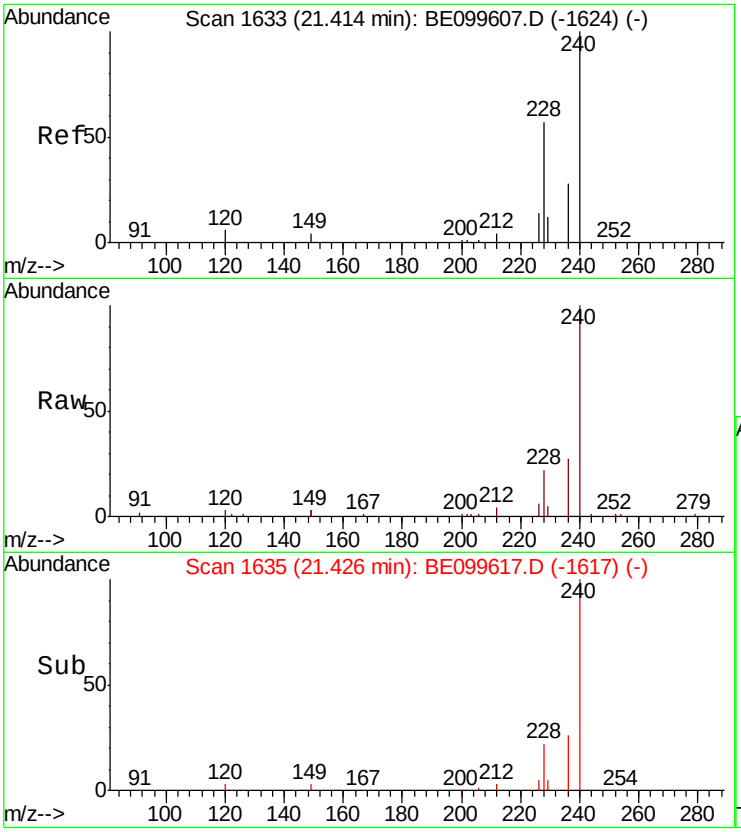


#26
Fluoranthene
Concen: 0.353 ng
RT: 19.30 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:202 Resp: 15063

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.0	7.6
203	16.8	13.7	20.5



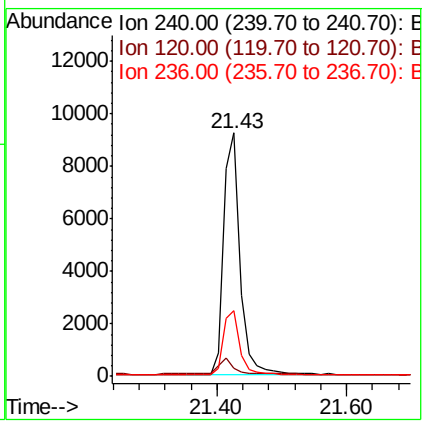


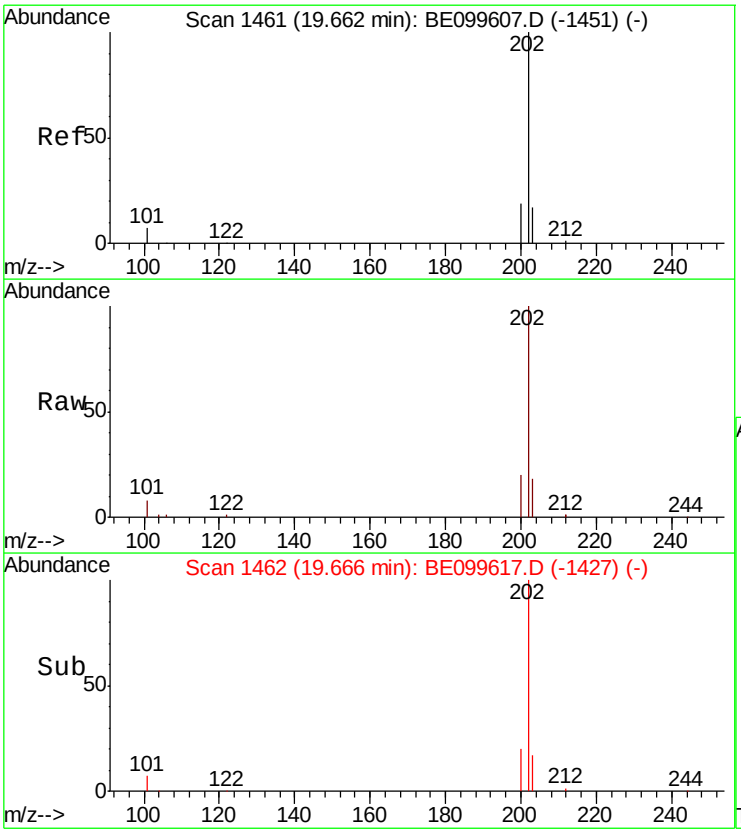
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 16709

Ion	Ratio	Lower	Upper
240	100		
120	3.5	5.7	8.5#
236	26.8	22.8	34.2

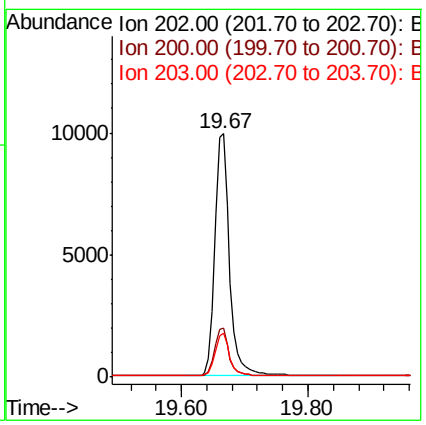


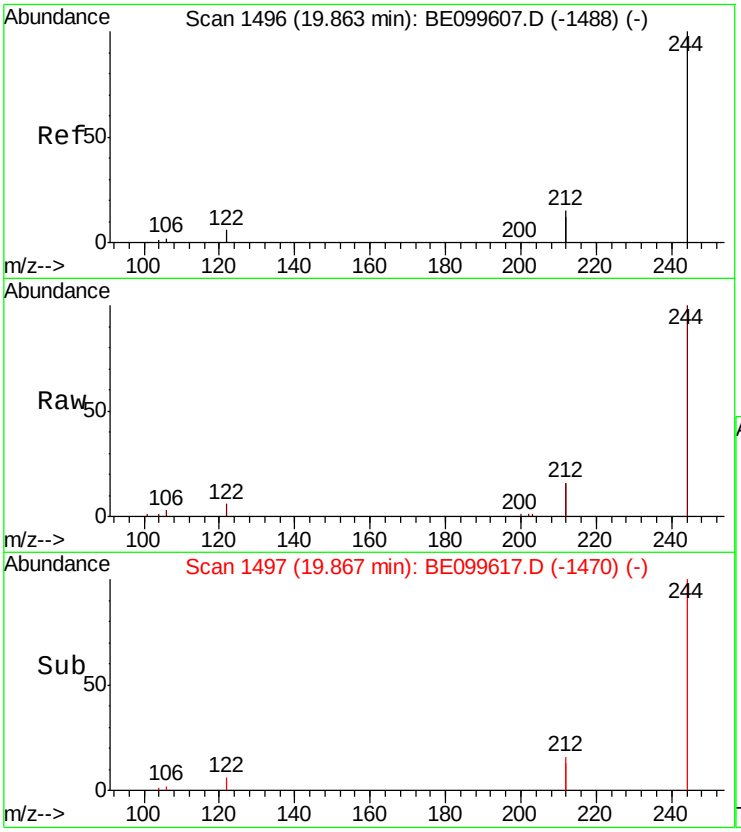


#28
Pyrene
Concen: 0.371 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:202 Resp: 15812

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.8	23.6
203	17.5	14.1	21.1



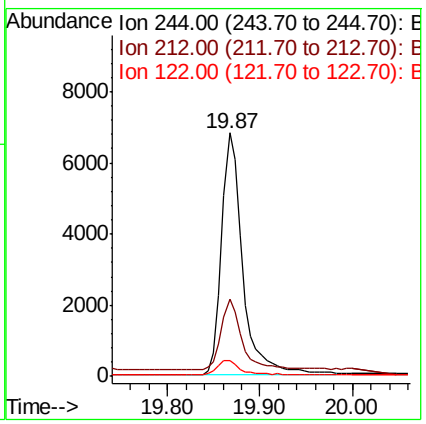


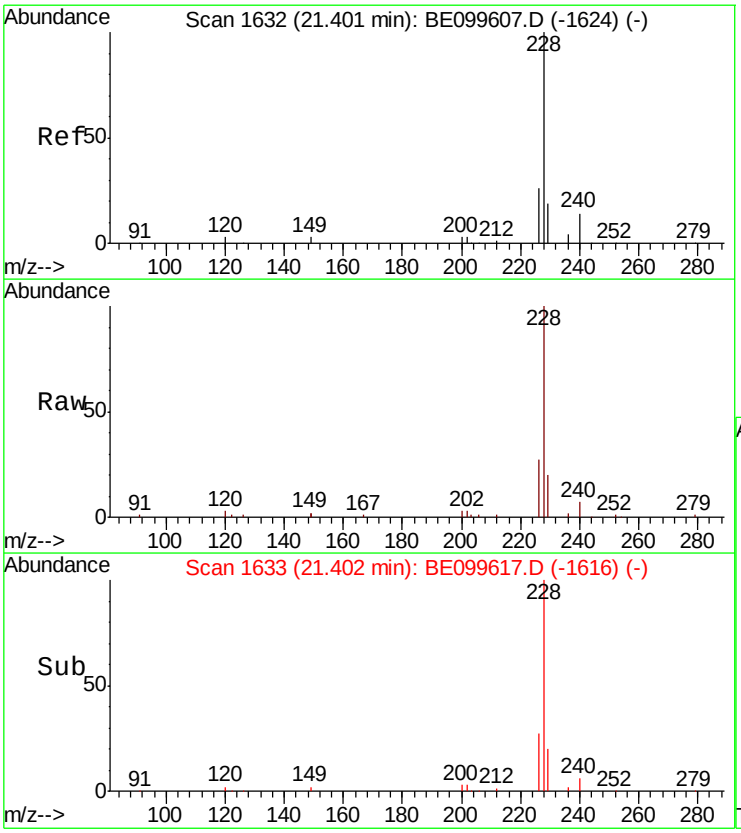
#29
Terphenyl-d14
Concen: 0.357 ng
RT: 19.87 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 10738

Ion	Ratio	Lower	Upper
244	100		
212	31.8	23.8	35.6
122	6.3	5.0	7.6

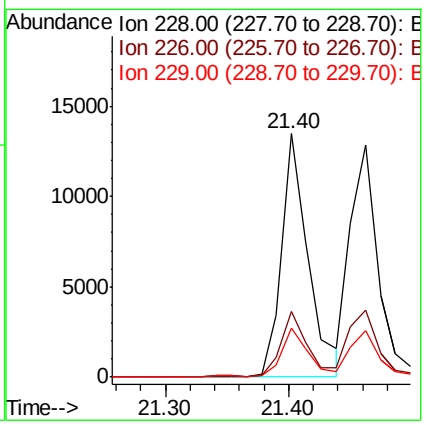


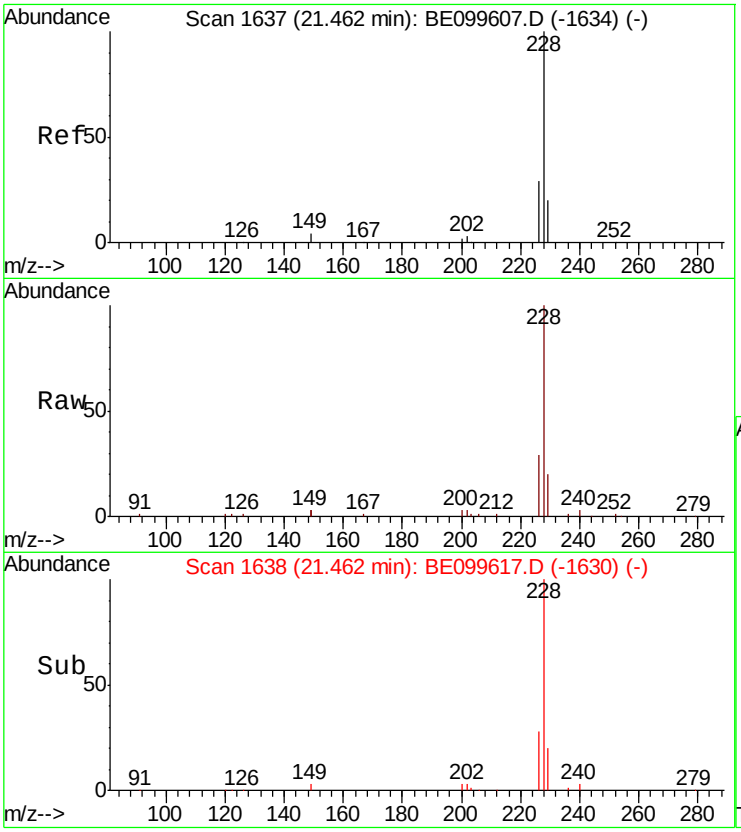


#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:228 Resp: 20277

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	20.2	15.8	23.8



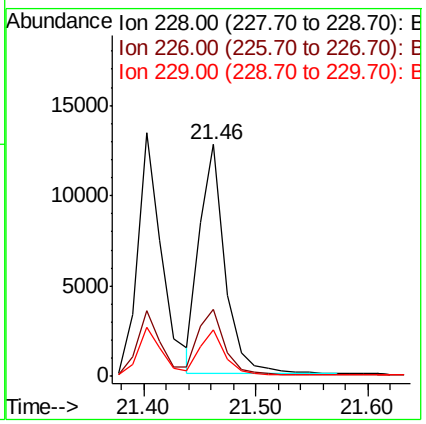


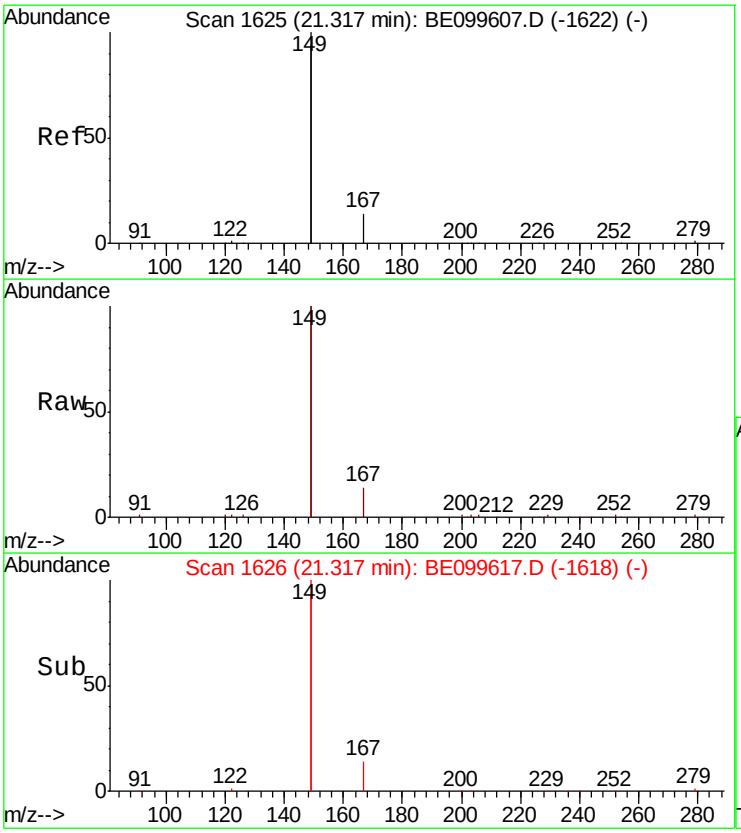
#31
Chrysene
Concen: 0.385 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 20007

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	20.3	16.4	24.6

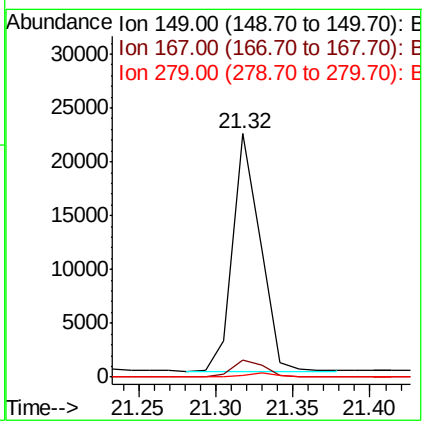


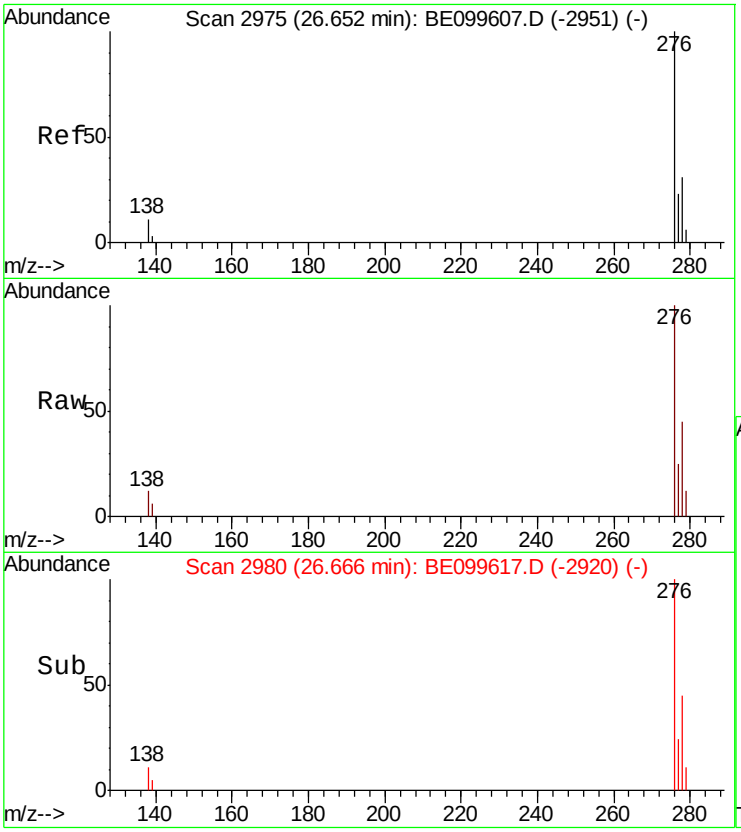


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.347 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:149 Resp: 27021

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.3	1.1	1.7



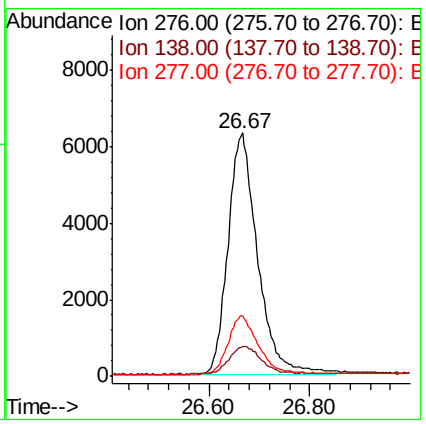


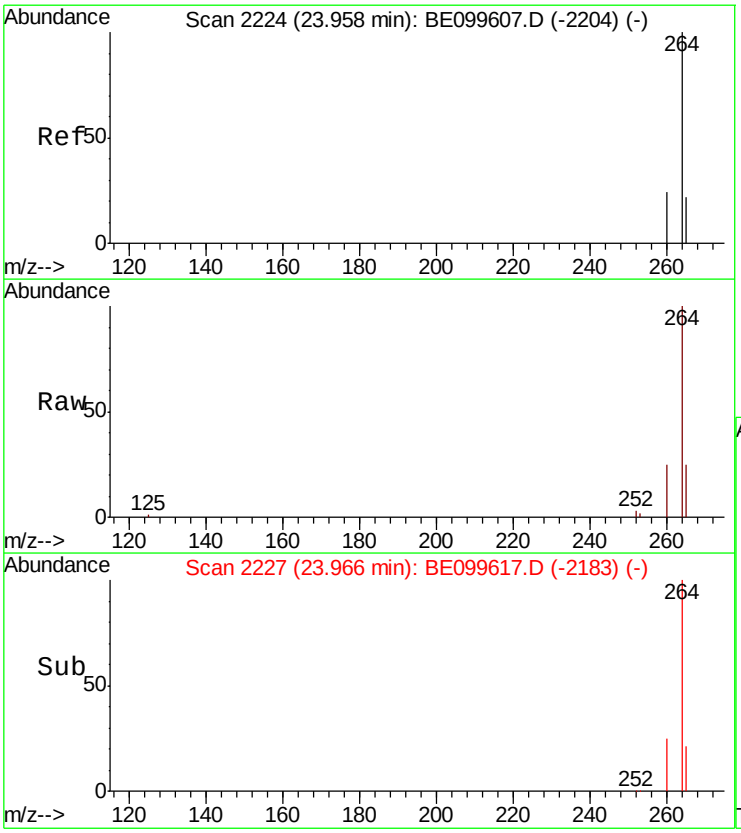
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 26.67 min Scan# 2980
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 25823

Ion	Ratio	Lower	Upper
276	100		
138	12.3	10.0	15.0
277	24.3	19.1	28.7

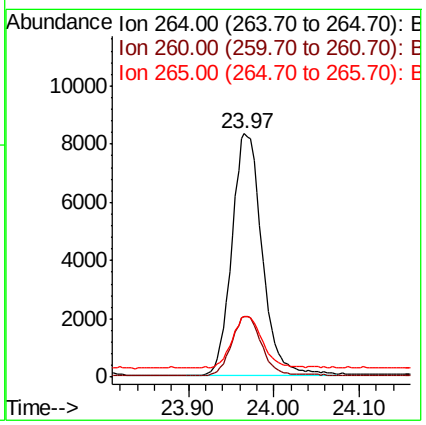


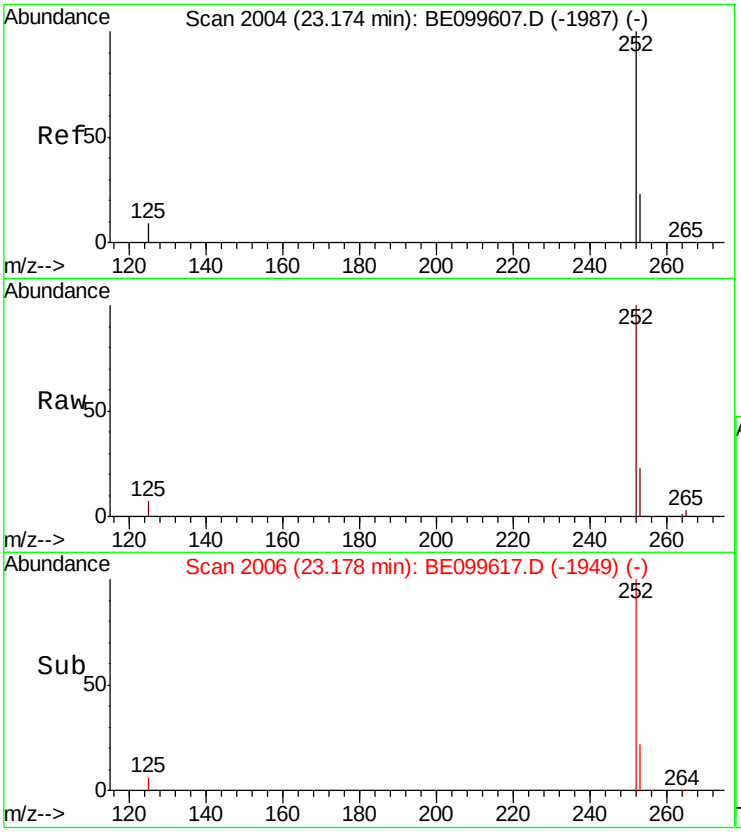


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:264 Resp: 20524

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	25.0	21.2	31.8



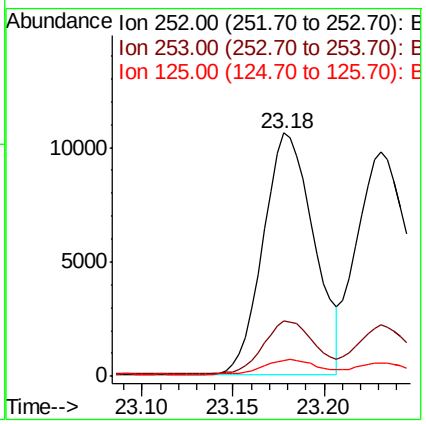


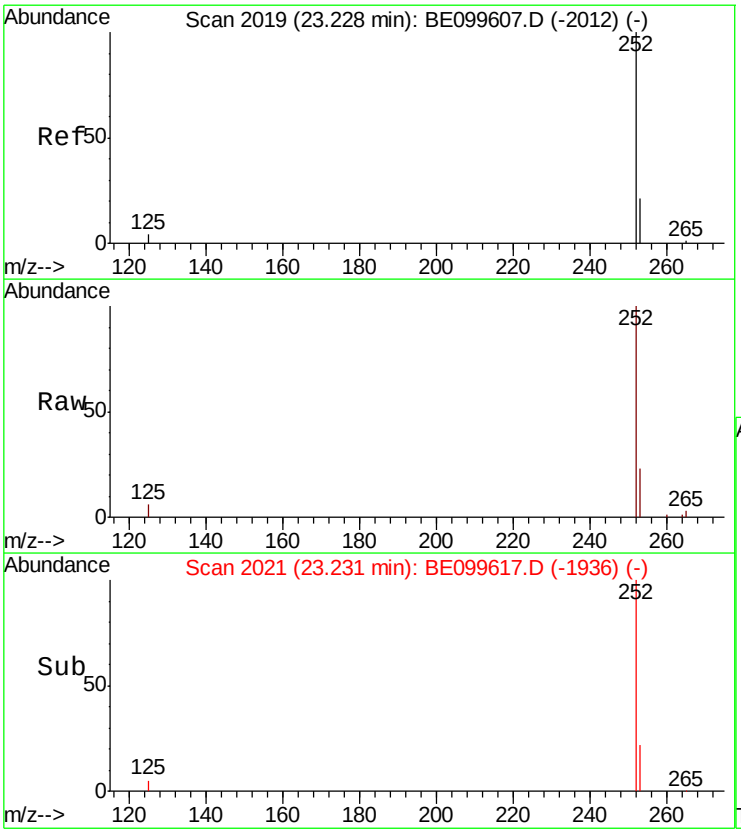
#35
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 20482

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.1	28.7
125	6.6	7.8	11.8#

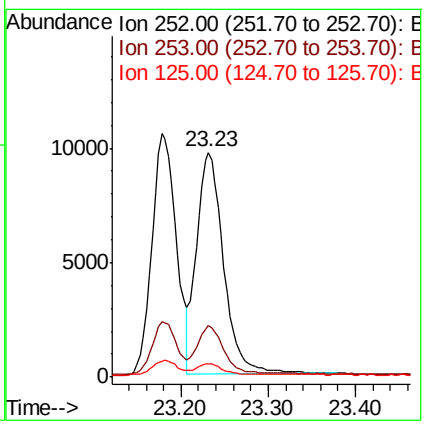


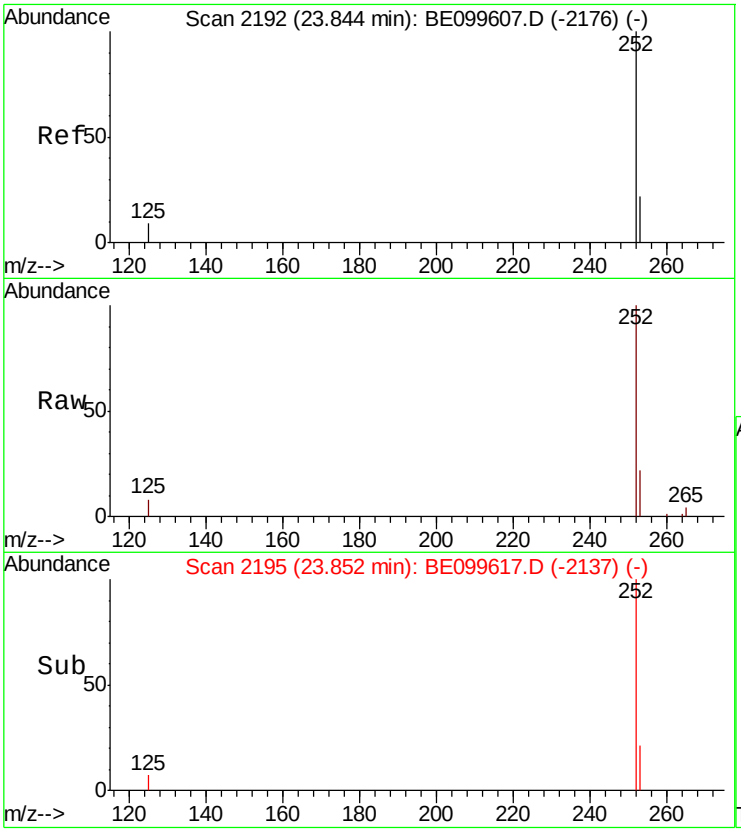


#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:252 Resp: 20933

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	5.8	5.2	7.8



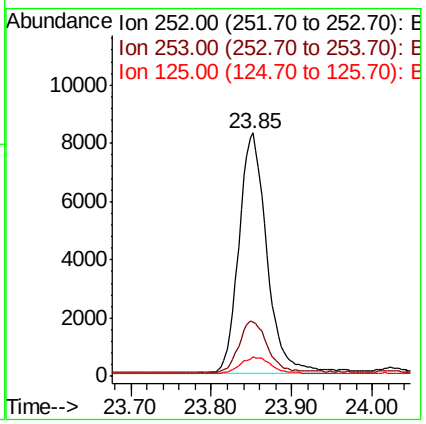


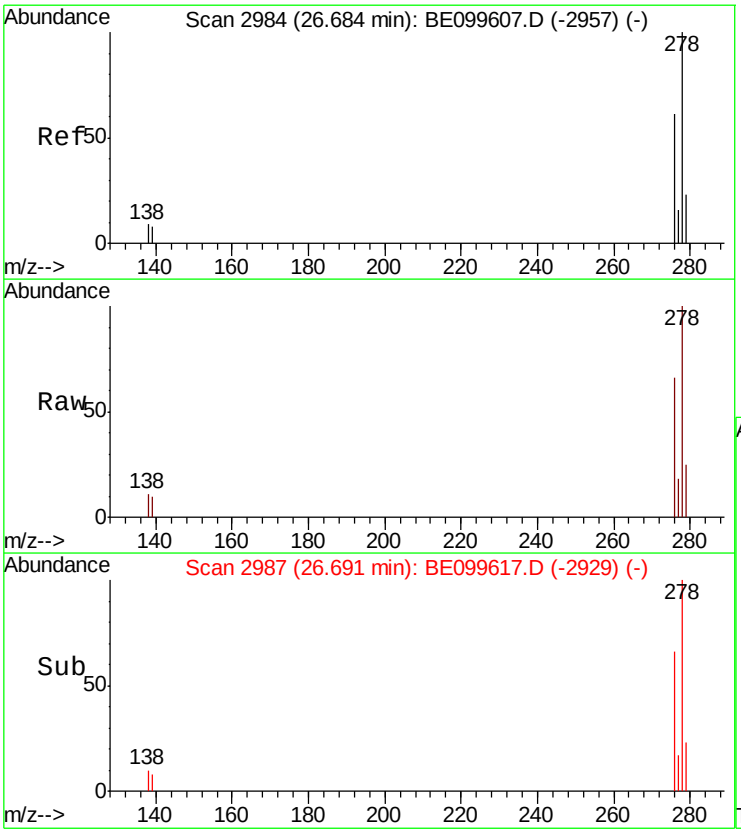
#37
Benzo(a)pyrene
Concen: 0.358 ng
RT: 23.85 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 19915

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.0	28.6
125	8.1	8.8	13.2#

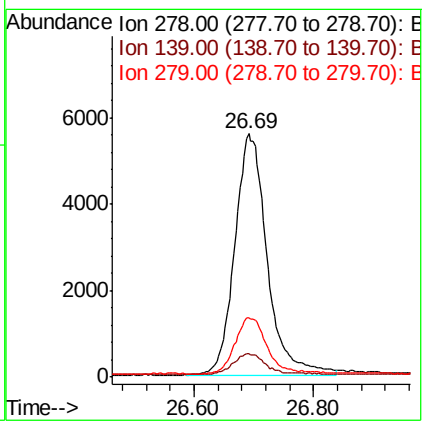


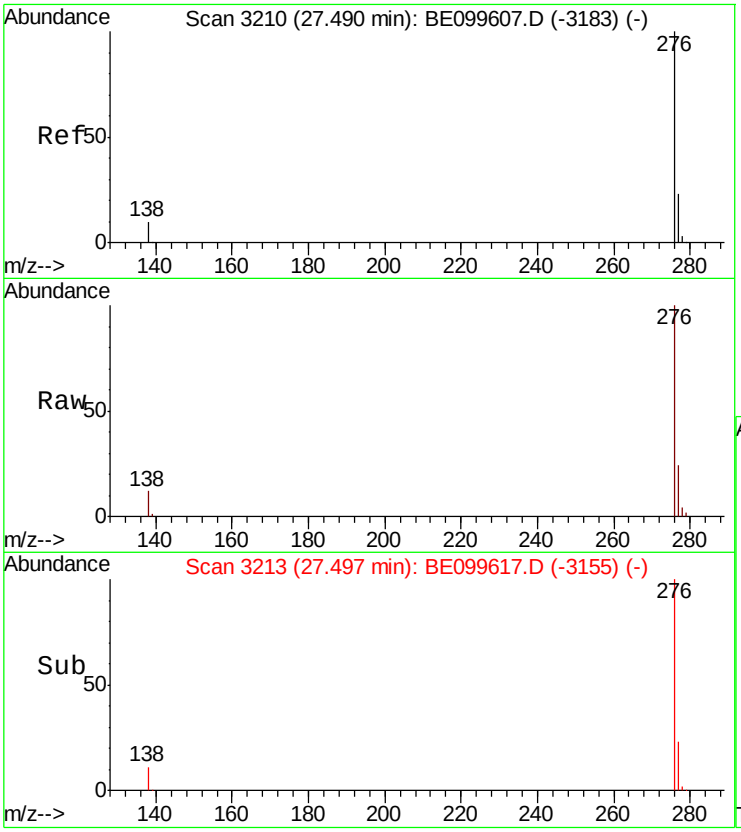


#38
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 26.69 min Scan# 2987
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Tgt Ion:278 Resp: 20950

Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.9	11.9
279	24.5	19.5	29.3





#39
Benzo(g,h,i)perylene
Concen: 0.370 ng
RT: 27.50 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BE099617.D
Acq: 15 May 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 21430

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	11.6	9.1	13.7