Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
Data File : BE099826.D
Acq On : 6 Jun 2019 17:48
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 07 02:06:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1298	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	4485	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	3276	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	11438	0.40	ng		0.00
27) Chrysene-d12	21.41	240	20001	0.40	ng		0.00
34) Perylene-d12	23.94	264	24320	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	1171	0.37	ng		0.00
5) Phenol-d6	6.96	99	1561	0.38	ng		0.00
8) Nitrobenzene-d5	8.96	82	1448	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	2718	0.35	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	662	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	4455	0.37	ng		0.00
25) Fluoranthene-d10	19.26	212	60322	0.35	ng		0.00
29) Terphenyl-d14	19.86	244	12969	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	661	0.351	ng		99
3) n-Nitrosodimethylamine	3.62	42	311	0.312	ng		95
6) bis(2-Chloroethyl)ether	7.23	93	1282	0.360	ng		95
9) Naphthalene	10.65	128	17840	0.373	ng		100
10) Hexachlorobutadiene	10.94	225	1343	0.368	ng		97
12) 2-Methylnaphthalene	12.29	142	2595	0.340	ng		96
16) Acenaphthylene	14.20	152	5675	0.359	ng		99
17) Acenaphthene	14.54	154	3099	0.358	ng		99
18) Fluorene	15.51	166	4656	0.365	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	2112	0.331	ng		97
21) Hexachlorobenzene	16.52	284	2398	0.343	ng		99
22) Pentachlorophenol	16.91	266	622	0.550	ng		90
23) Phenanthrene	17.27	178	9658	0.354	ng		99
24) Anthracene	17.36	178	8365	0.339	ng		99
26) Fluoranthene	19.29	202	17688	0.370	ng		100
28) Pyrene	19.65	202	18746	0.388	ng		100
30) Benzo(a)anthracene	21.39	228	23125	0.418	ng		100
31) Chrysene	21.45	228	23643	0.387	ng		99
32) Bis(2-ethylhexyl)phthalate	21.30	149	26348	0.415	ng		100
33) Indeno(1,2,3-cd)pyrene	26.63	276	30440	0.416	ng		99
35) Benzo(b)fluoranthene	23.16	252	24835	0.369	ng	#	97
36) Benzo(k)fluoranthene	23.21	252	25732	0.360	ng		99
37) Benzo(a)pyrene	23.83	252	23985	0.367	ng	#	97
38) Dibenzo(a,h)anthracene	26.67	278	24209	0.365	ng		97
39) Benzo(g,h,i)perylene	27.45	276	25191	0.361	ng		100

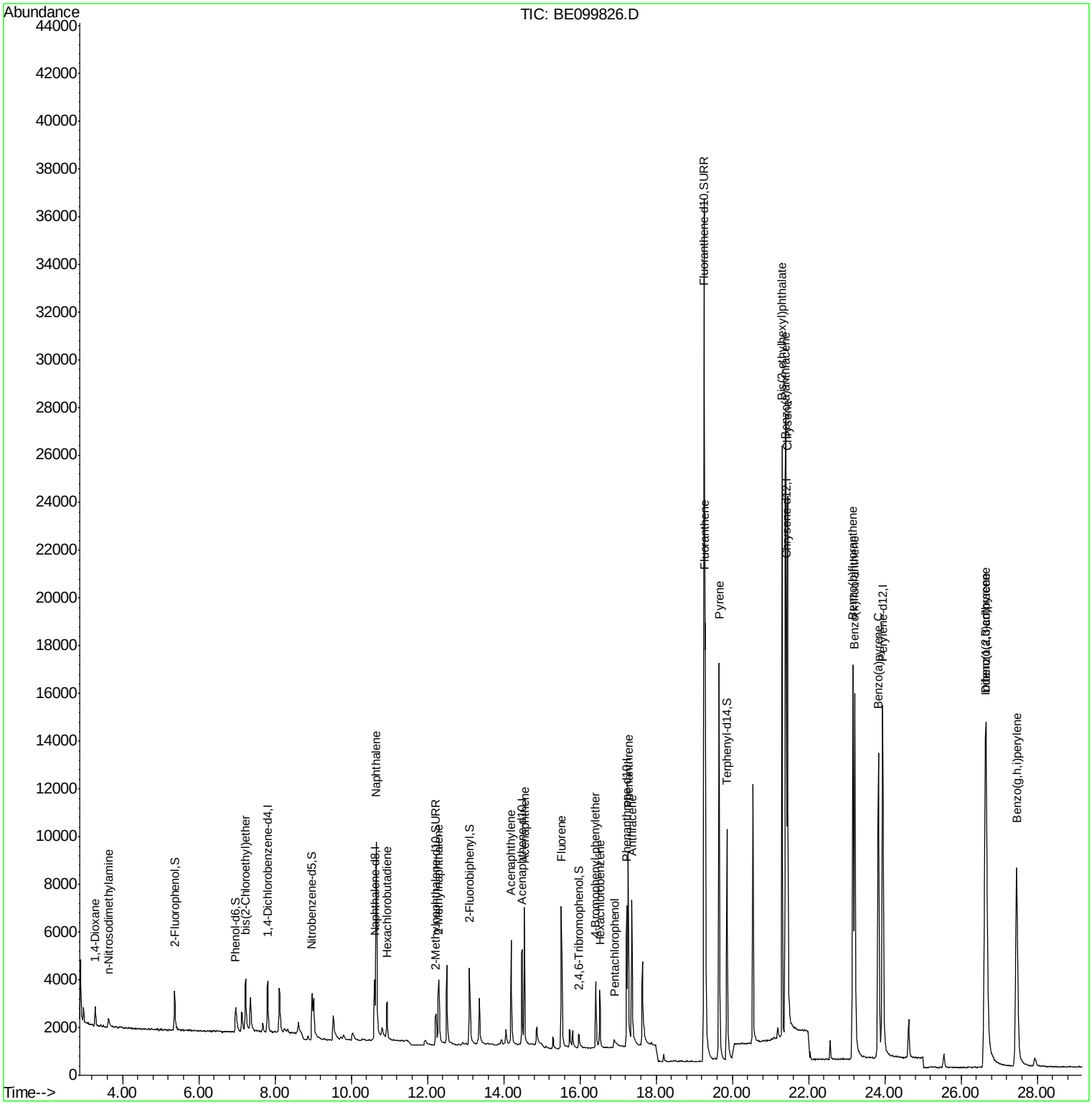
(#) = qualifier out of range (m) = manual integration (+) = signals summed

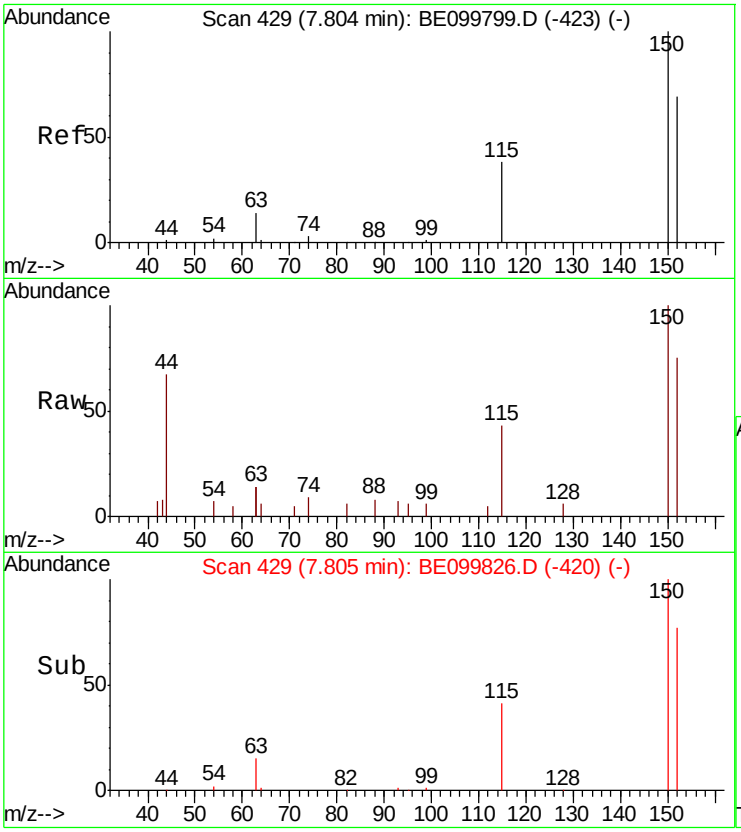
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
Data File : BE099826.D
Acq On : 6 Jun 2019 17:48
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 07 02:06:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration



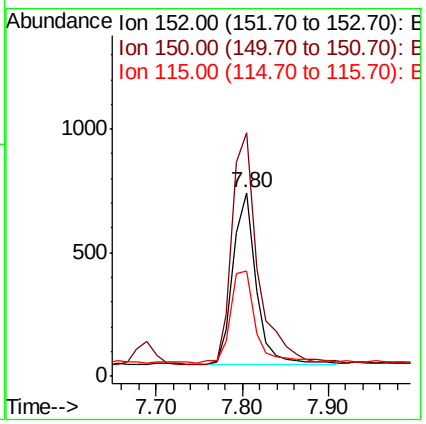


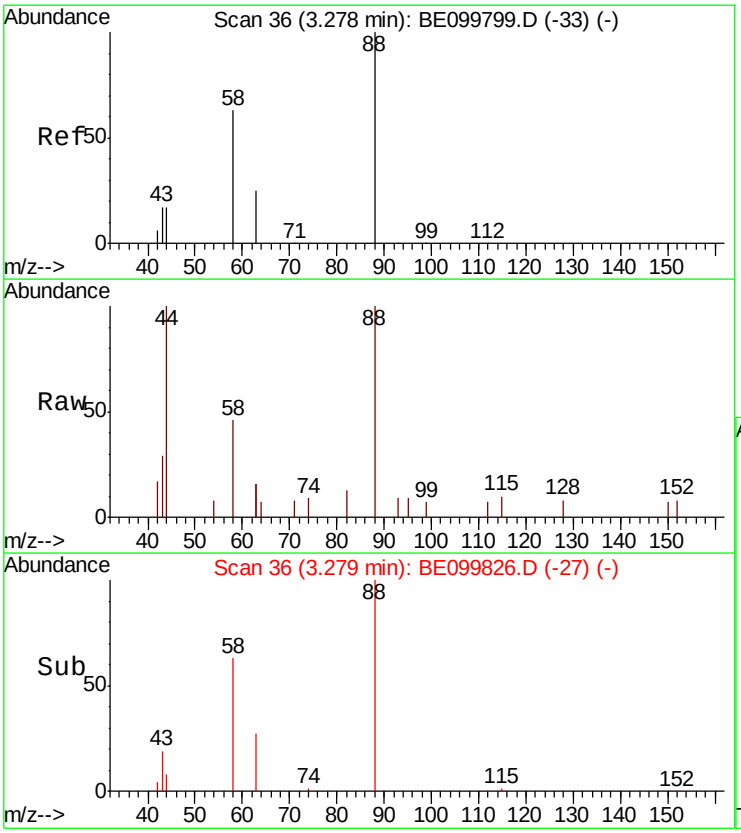
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1298

Ion	Ratio	Lower	Upper
152	100		
150	132.6	112.8	169.2
115	57.1	47.6	71.4

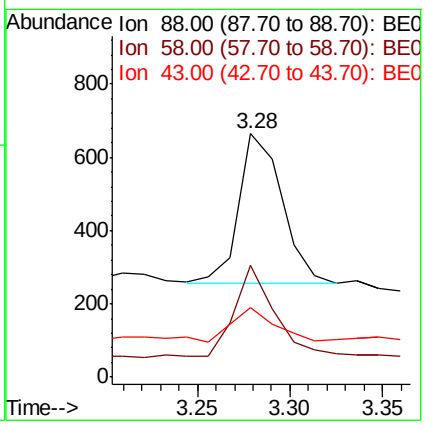


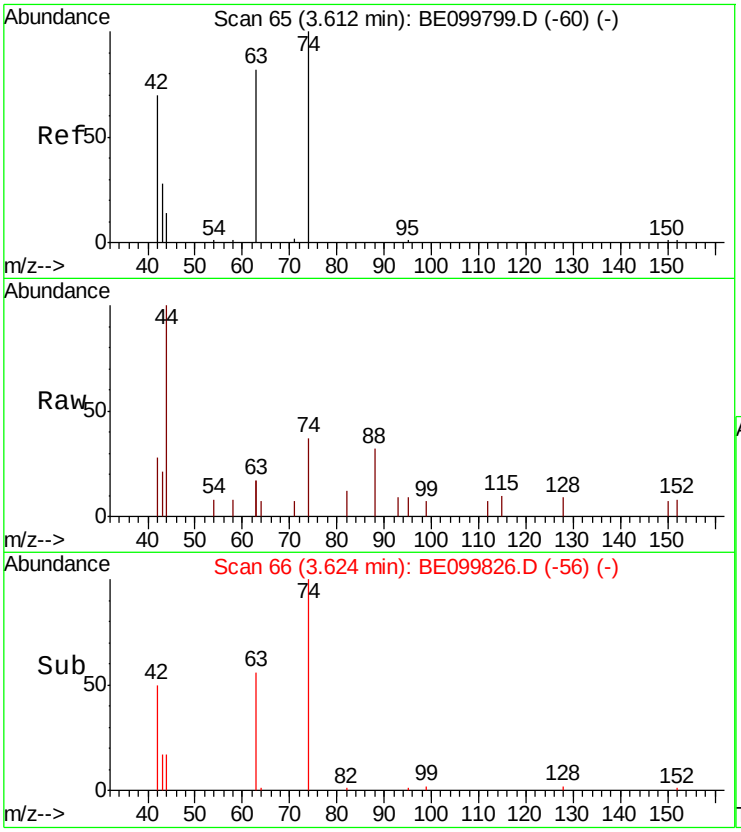


#2
1,4-Dioxane
Concen: 0.351 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion: 88 Resp: 661

Ion	Ratio	Lower	Upper
88	100		
58	58.7	47.3	70.9
43	20.9	18.2	27.4



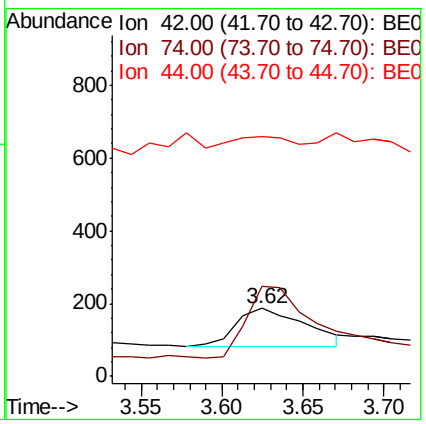


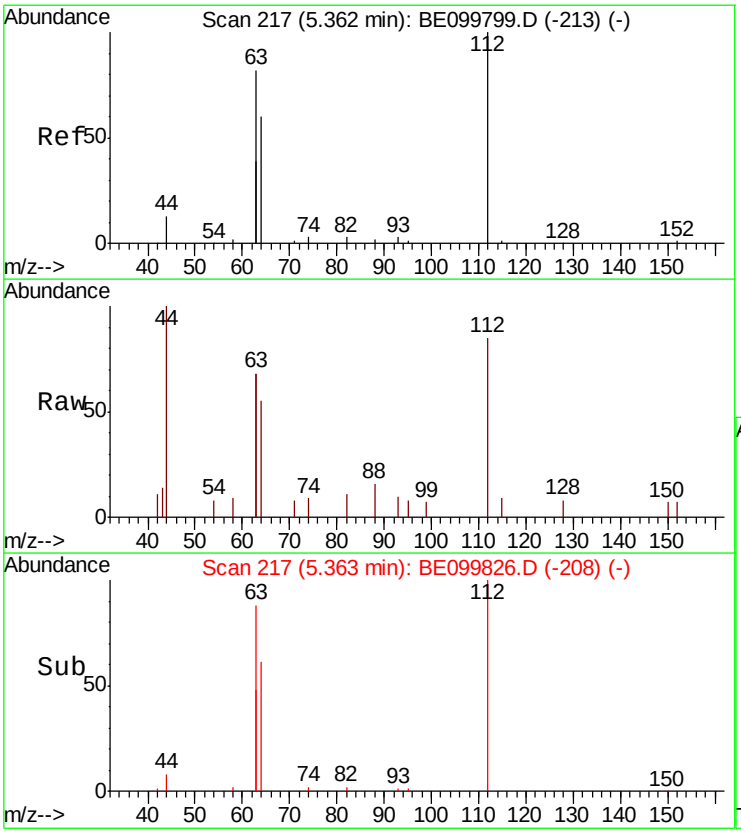
#3
n-Nitrosodimethylamine
Concen: 0.312 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.01 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 311

Ion	Ratio	Lower	Upper
42	100		
74	172.3	132.6	198.8
44	17.7	13.4	20.0

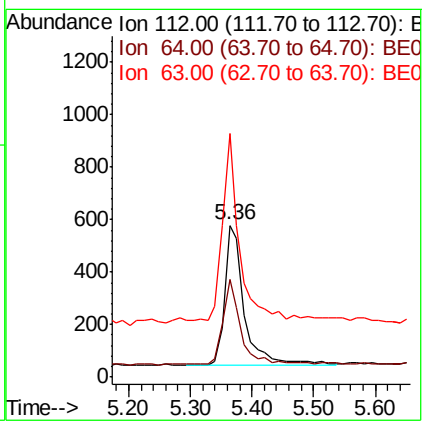


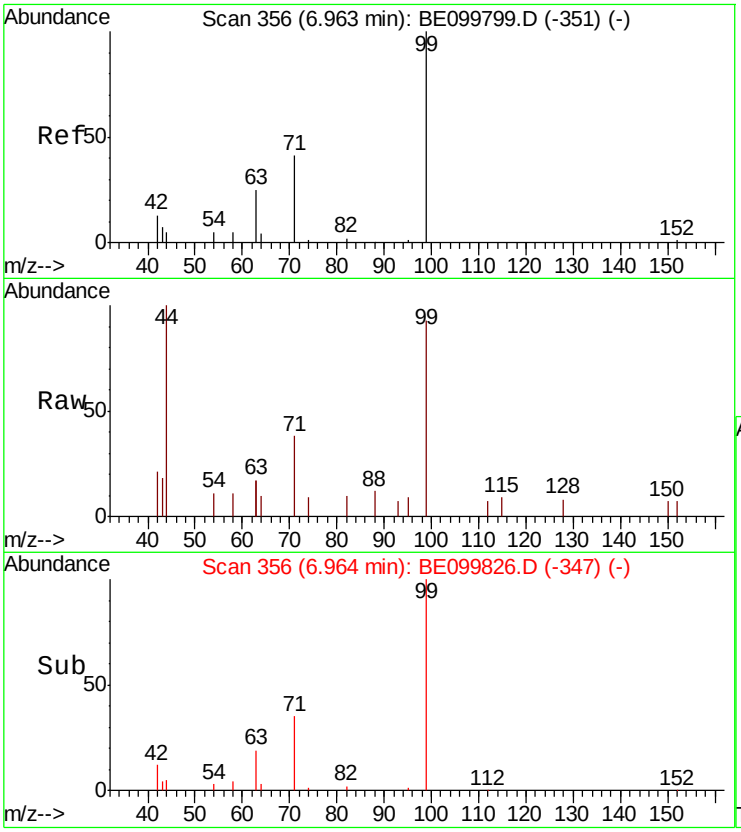


#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:112 Resp: 1171

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.2	70.8
63	112.4	90.7	136.1



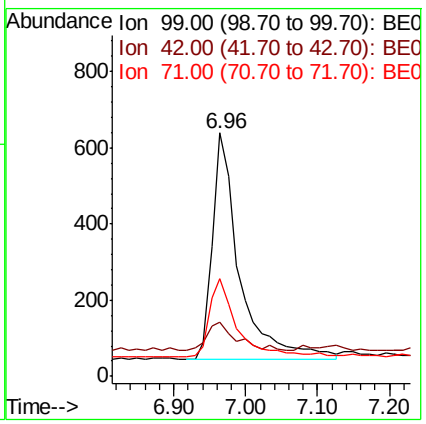


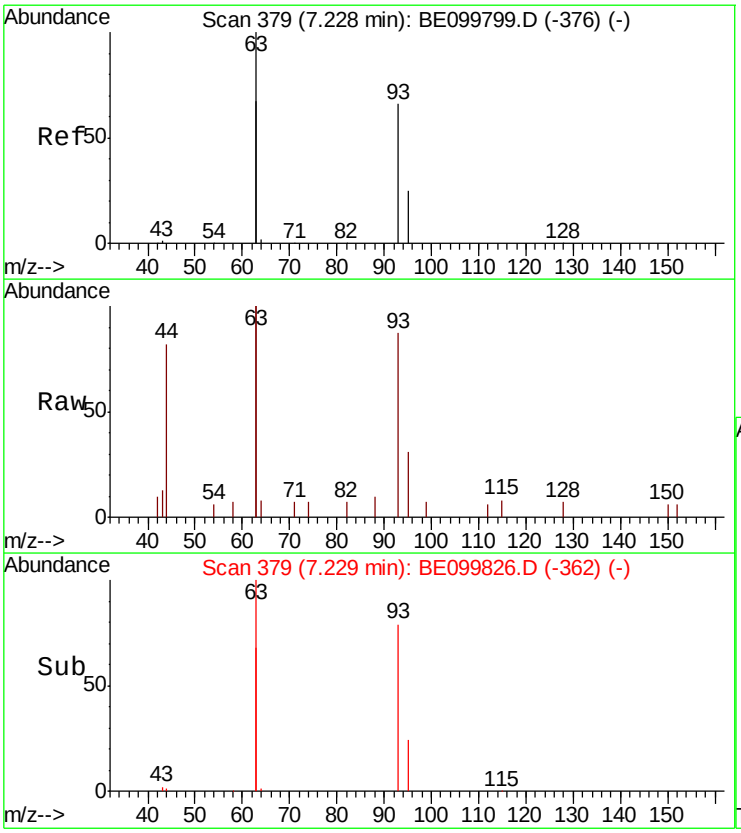
#5
Phenol-d6
Concen: 0.384 ng
RT: 6.96 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1561

Ion	Ratio	Lower	Upper
99	100		
42	13.1	11.0	16.4
71	36.4	26.1	39.1

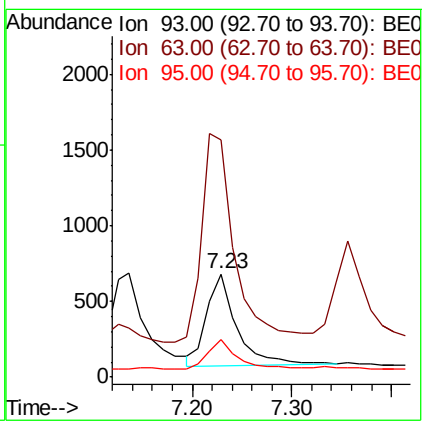


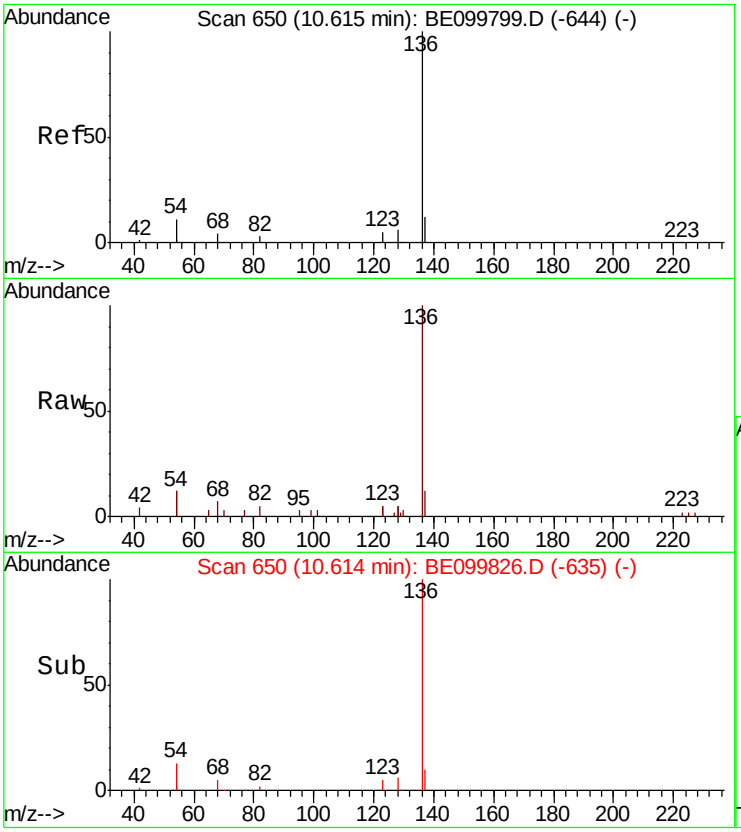


#6
bis(2-Chloroethyl)ether
Concen: 0.360 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion: 93 Resp: 1282

Ion	Ratio	Lower	Upper
93	100		
63	251.7	208.8	313.2
95	30.0	27.6	41.4



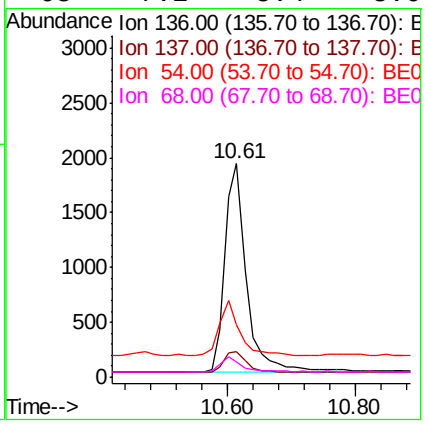


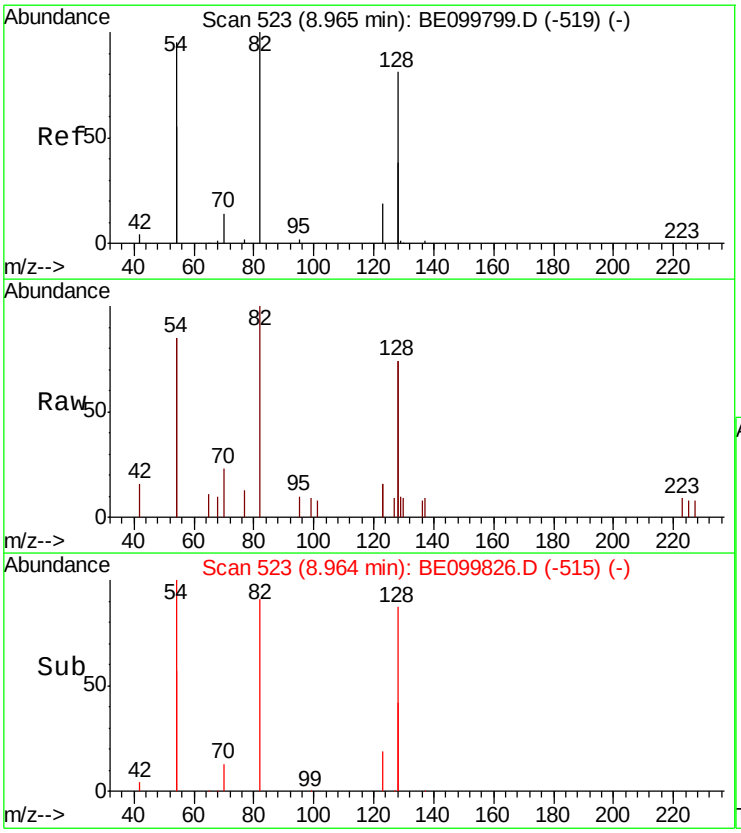
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4485

Ion	Ratio	Lower	Upper
136	100		
137	12.1	11.1	16.7
54	24.9	17.9	26.9
68	7.2	5.4	8.0

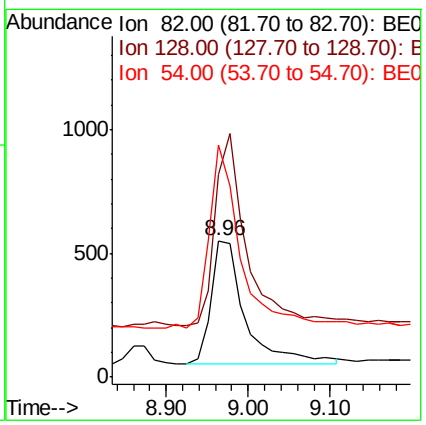


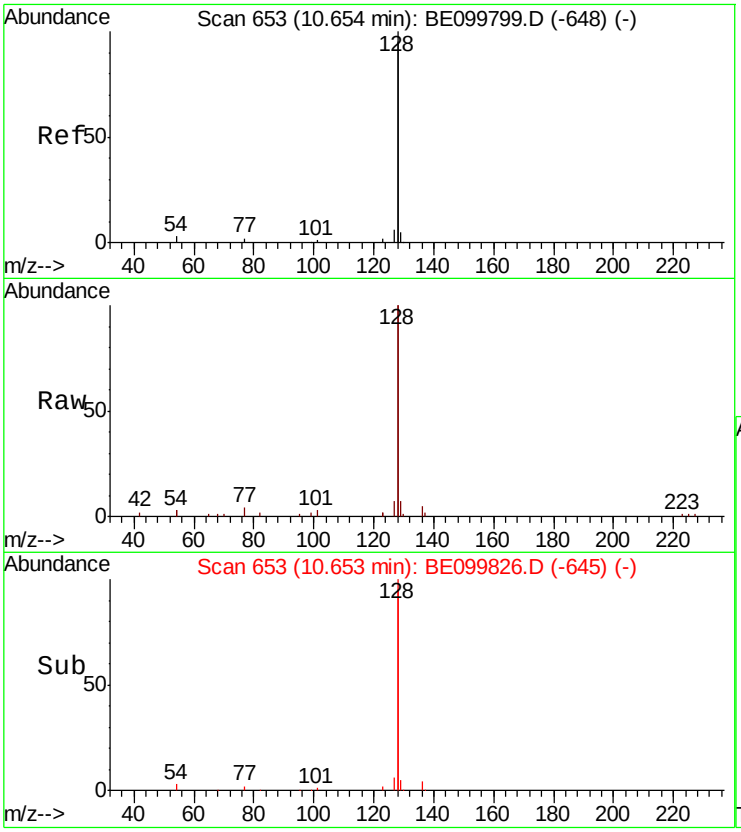


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion: 82 Resp: 1448

Ion	Ratio	Lower	Upper
82	100		
128	148.8	116.6	175.0
54	170.6	136.2	204.4



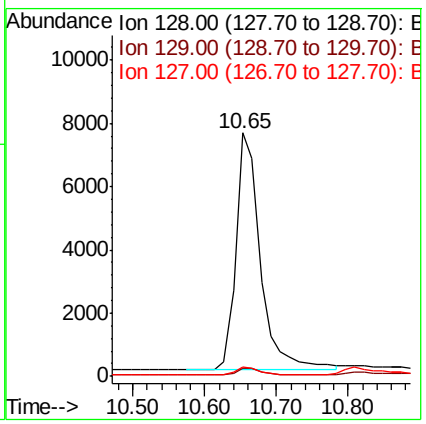


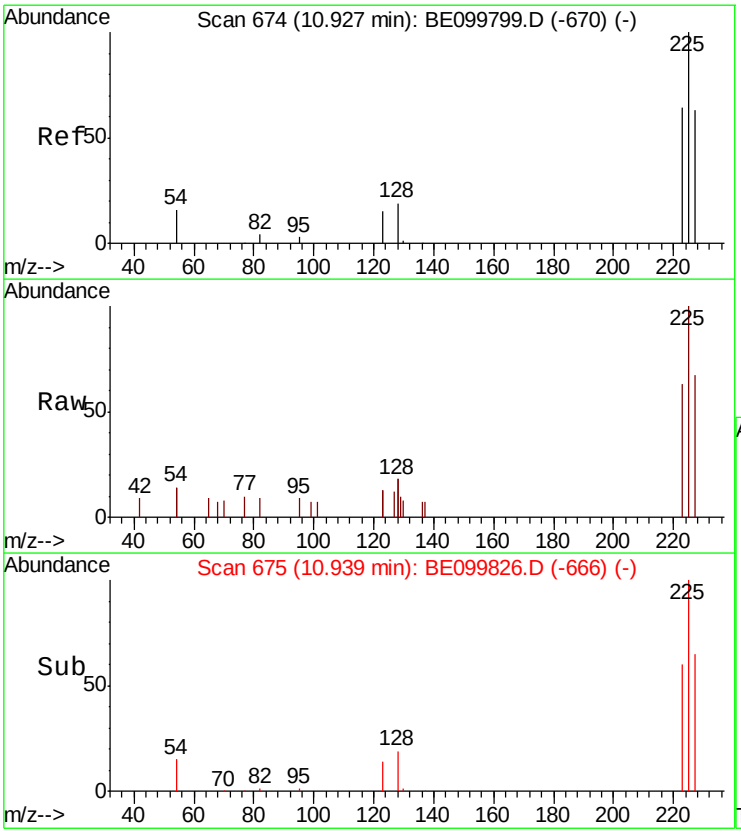
#9
Naphthalene
Concen: 0.373 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17840

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	4.0
127	3.7	3.0	4.6

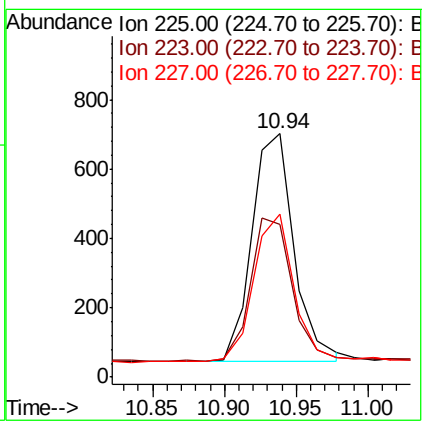


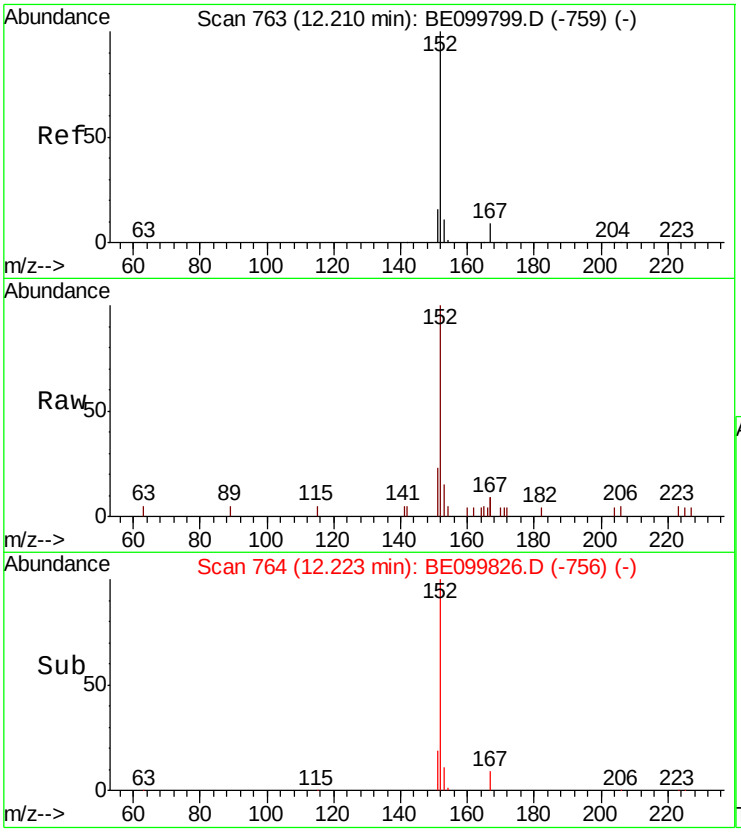


#10
Hexachlorobutadiene
Concen: 0.368 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:225 Resp: 1343

Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.6	72.8
227	62.0	51.6	77.4



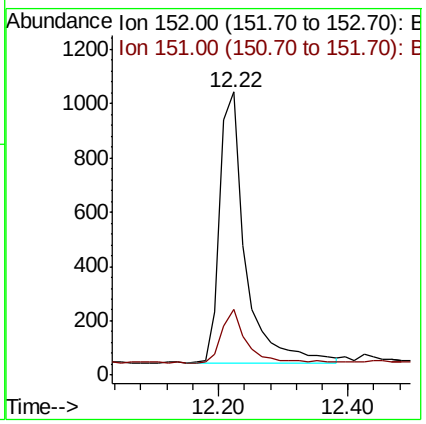


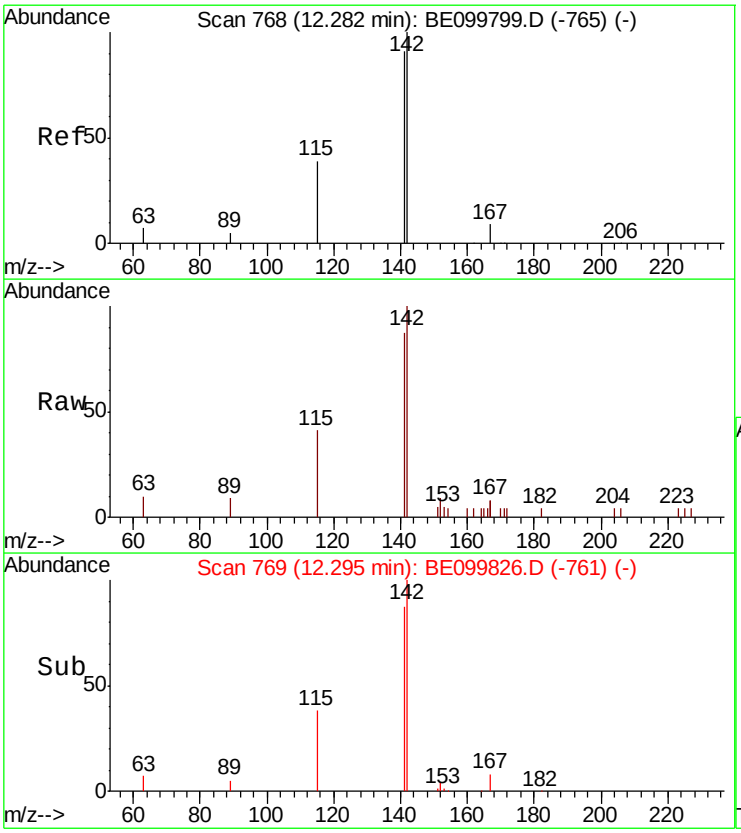
#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2718

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8

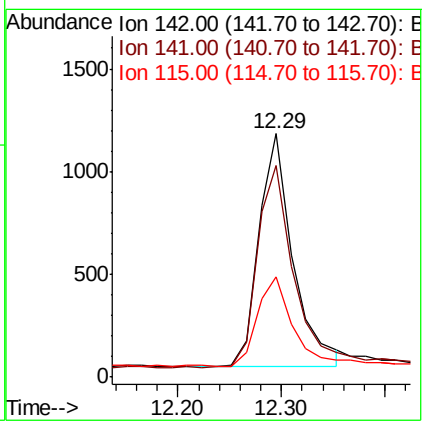


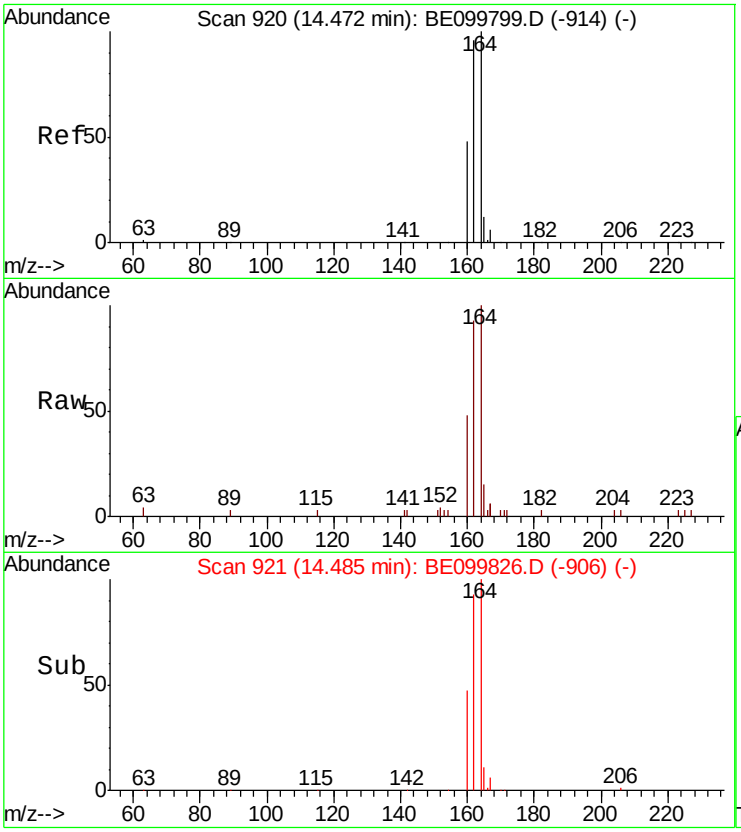


#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 12.29 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:142 Resp: 2595

Ion	Ratio	Lower	Upper
142	100		
141	86.9	73.3	109.9
115	40.9	33.4	50.2



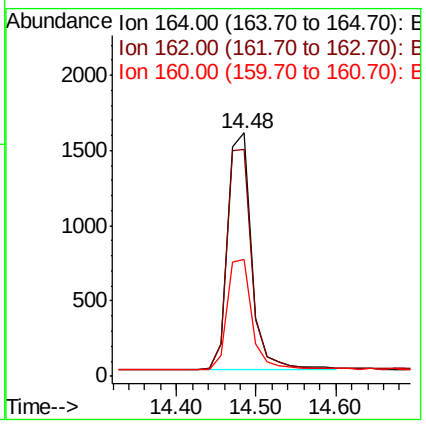


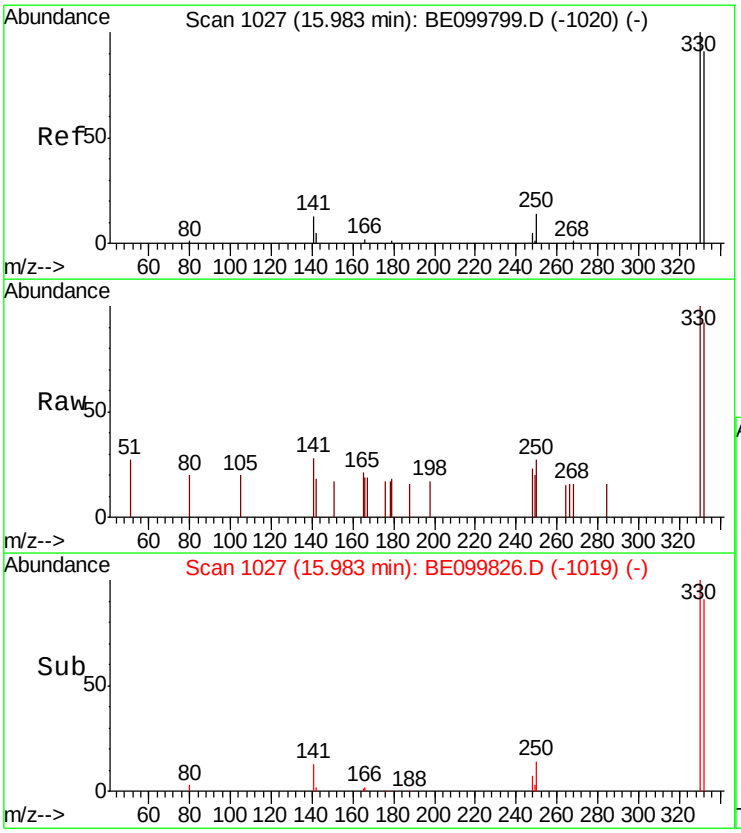
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3276

Ion	Ratio	Lower	Upper
164	100		
162	93.3	77.2	115.8
160	48.1	39.4	59.2

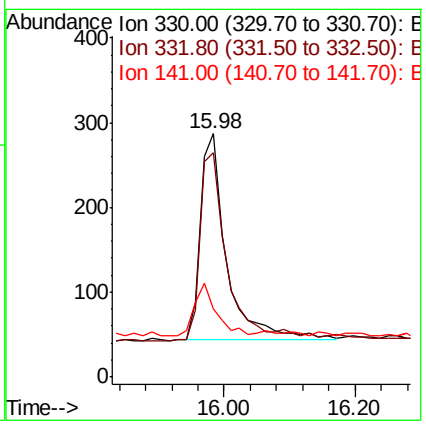


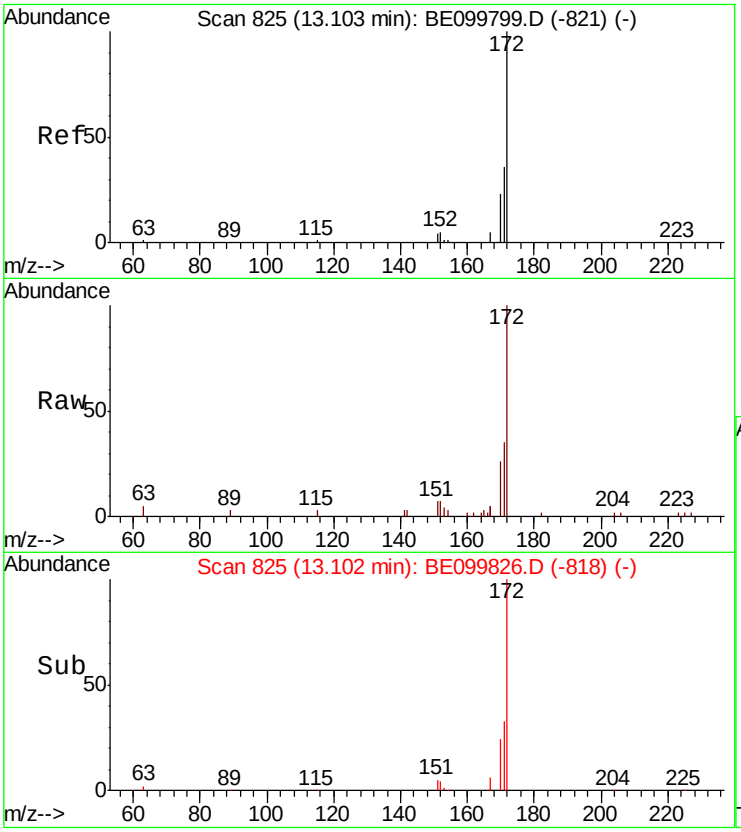


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:330 Resp: 662

Ion	Ratio	Lower	Upper
330	100		
332	92.1	74.9	112.3
141	20.8	16.0	24.0



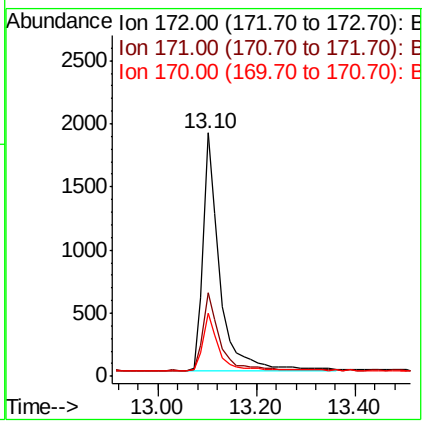


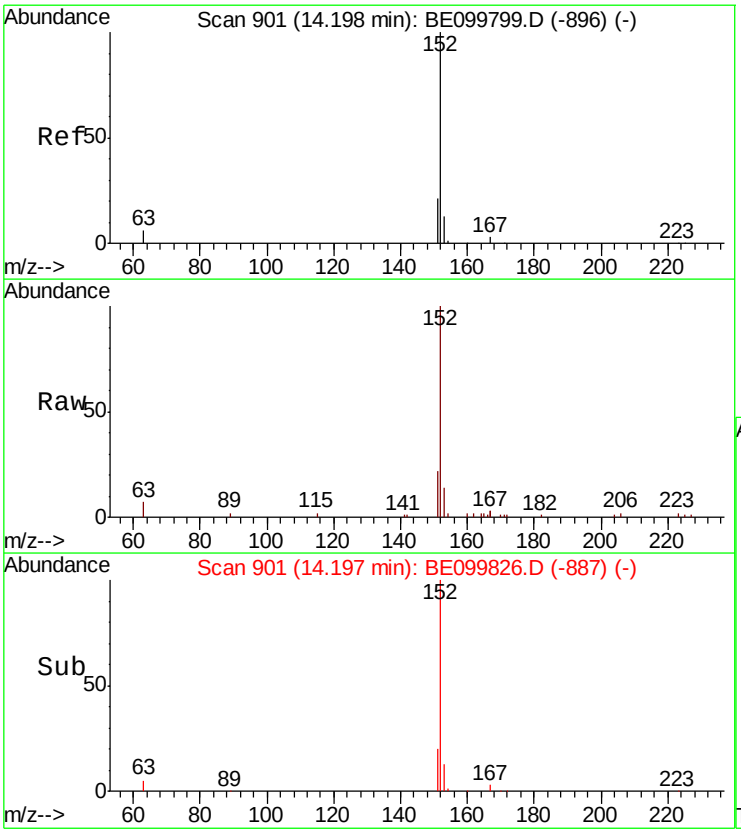
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4455

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.2	45.4
170	25.9	20.1	30.1

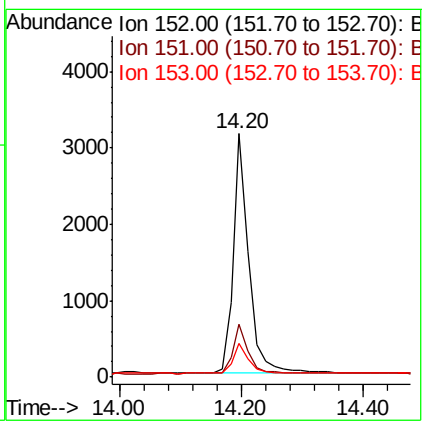


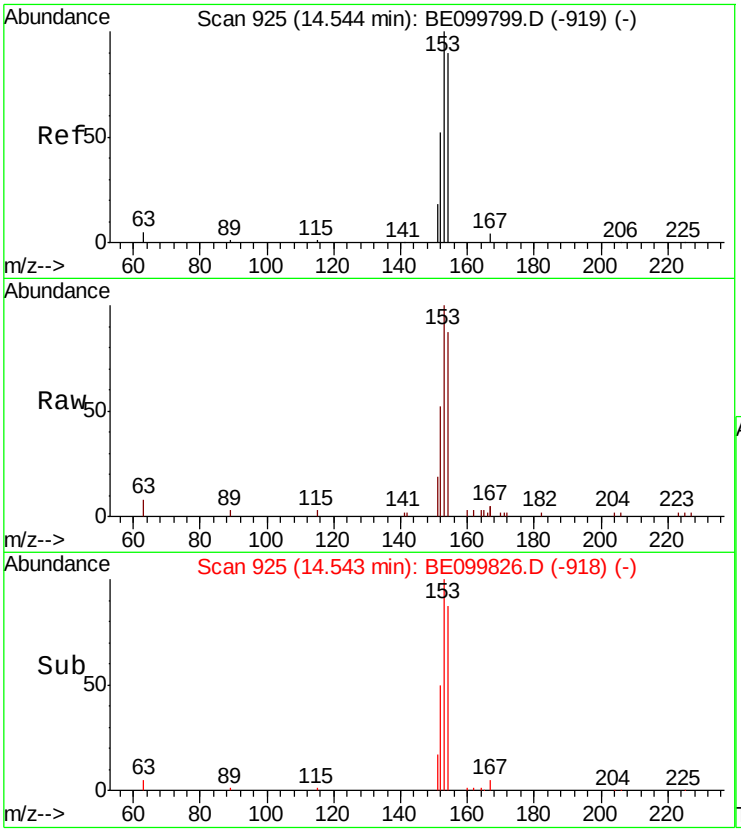


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:152 Resp: 5675

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	13.3	10.8	16.2



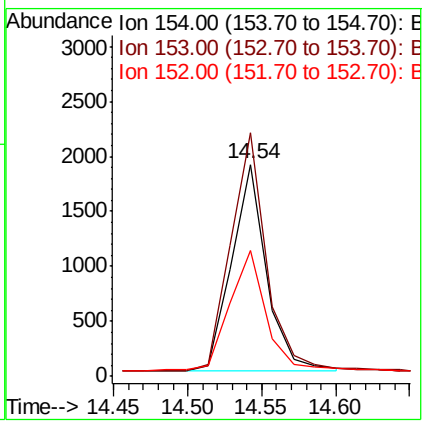


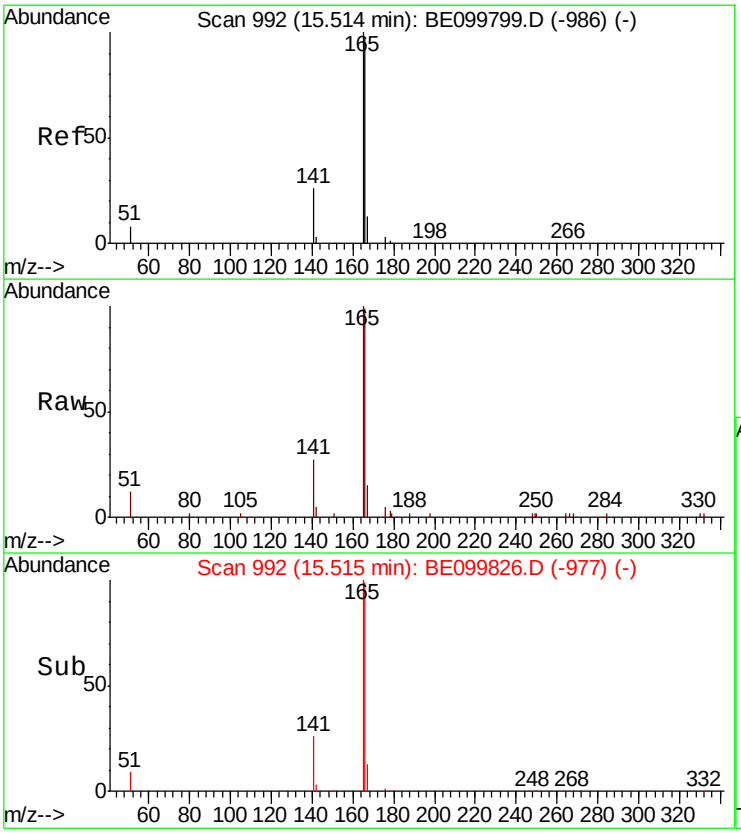
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3099

Ion	Ratio	Lower	Upper
154	100		
153	117.4	93.8	140.6
152	59.1	48.3	72.5

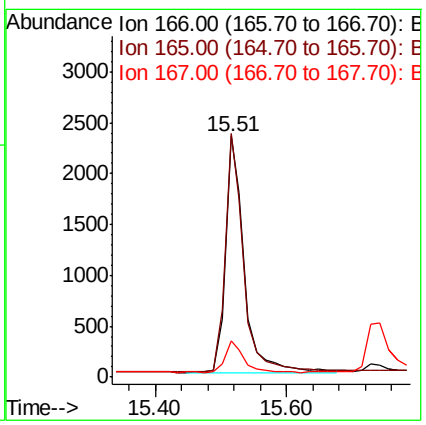


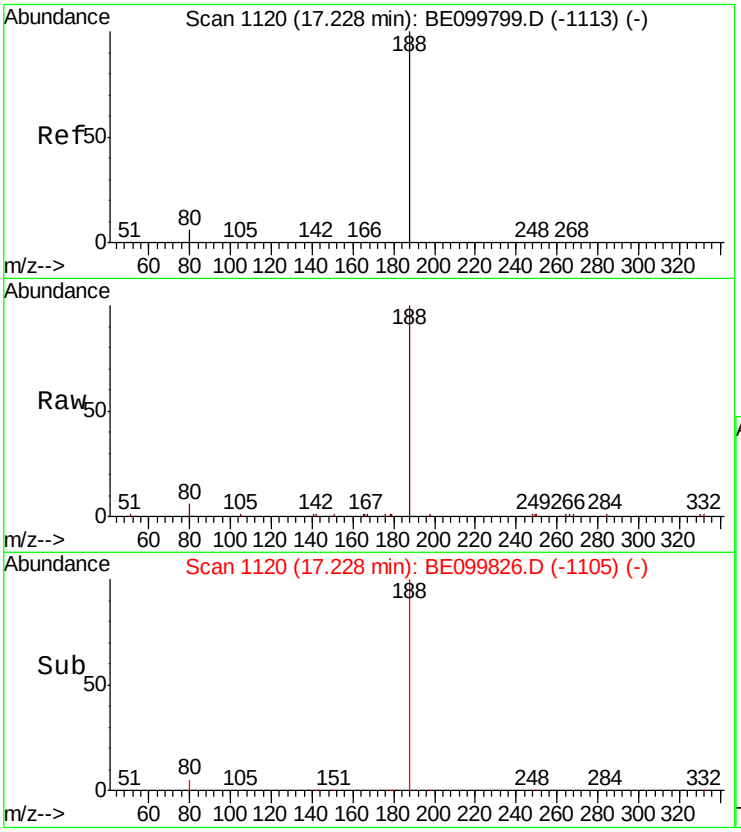


#18
Fluorene
Concen: 0.365 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:166 Resp: 4656

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.4	120.6
167	13.4	10.7	16.1



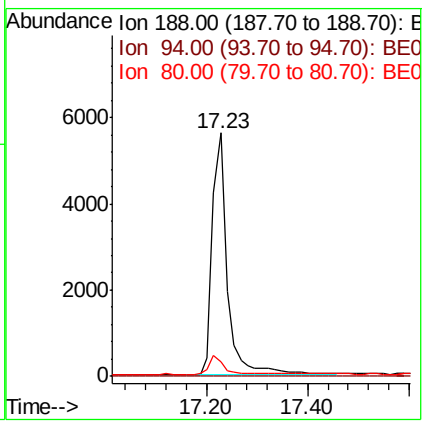


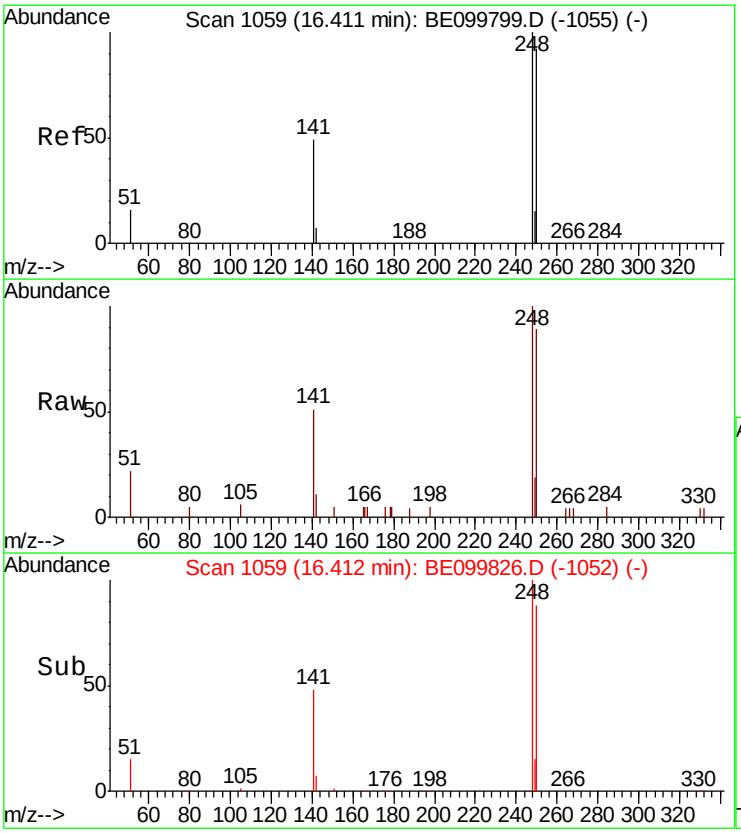
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 11438

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	5.2	7.8

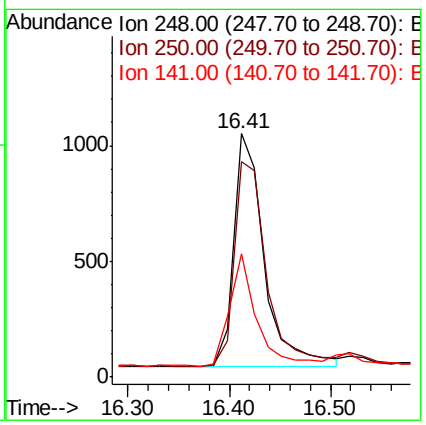


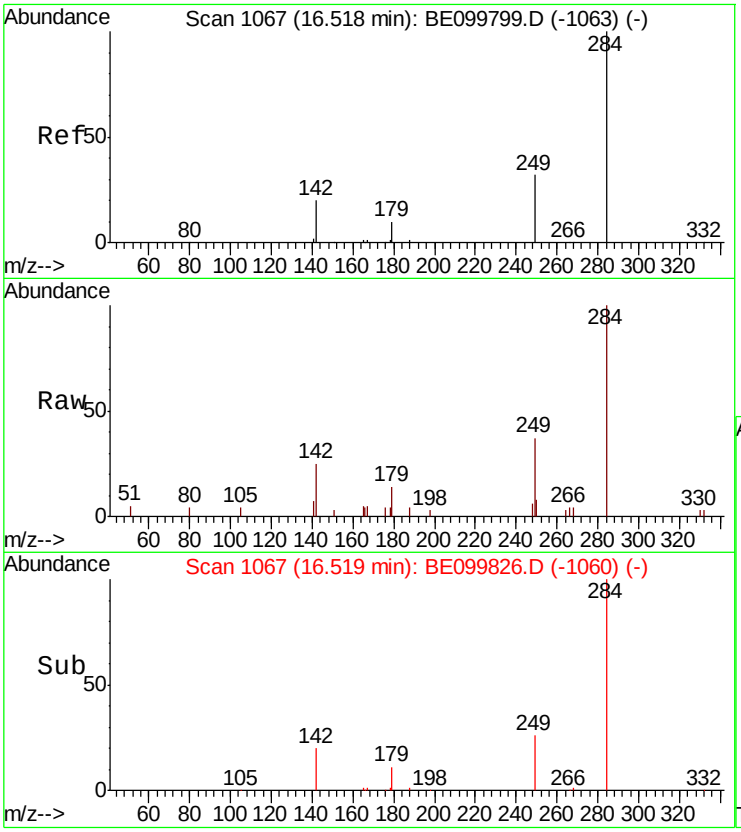


#20
4-Bromophenyl-phenylether
Concen: 0.331 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:248 Resp: 2112

Ion	Ratio	Lower	Upper
248	100		
250	88.6	73.7	110.5
141	50.6	40.9	61.3



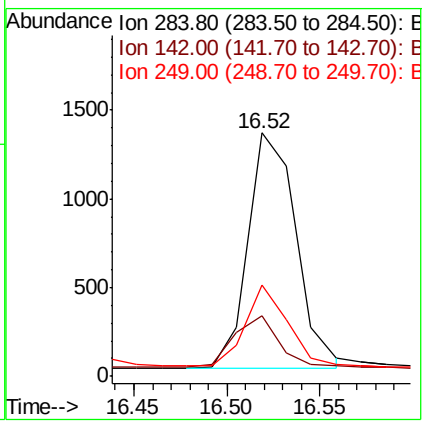


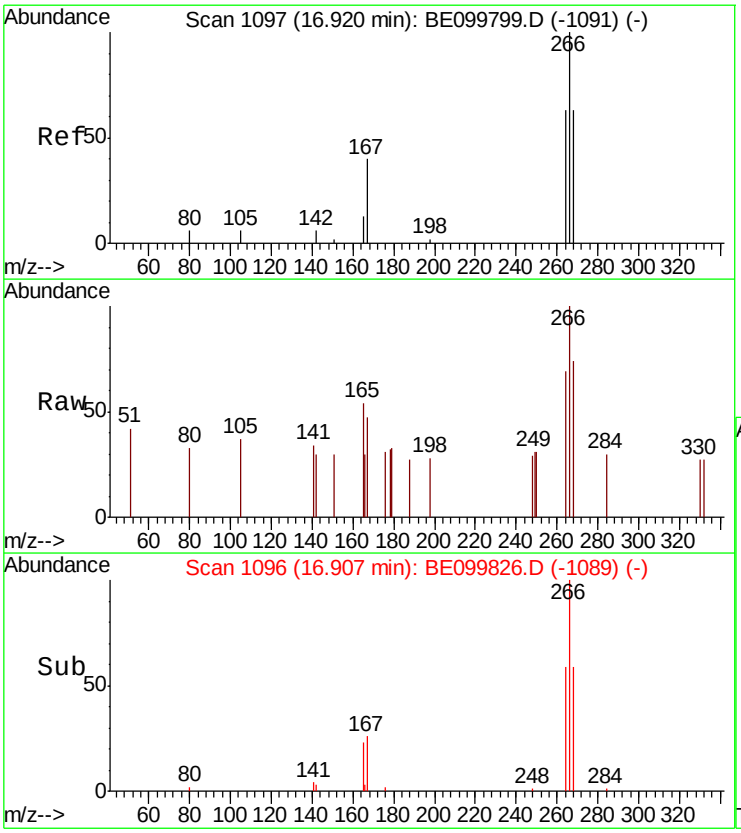
#21
Hexachlorobenzene
Concen: 0.343 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2398

Ion	Ratio	Lower	Upper
284	100		
142	20.2	16.2	24.4
249	30.2	23.1	34.7

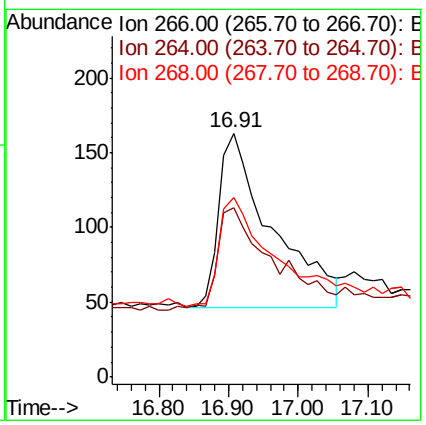


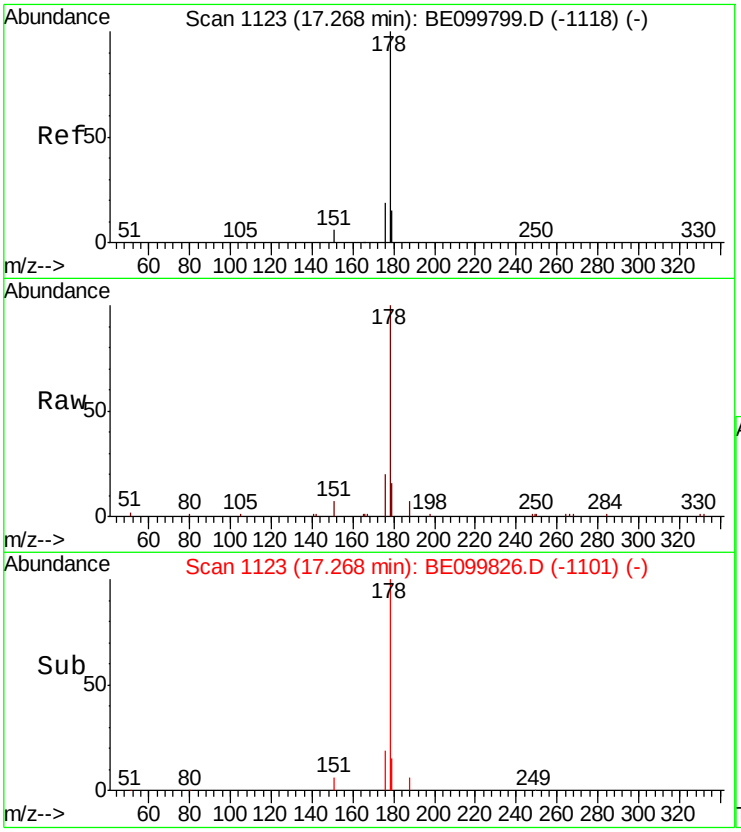


#22
Pentachlorophenol
Concen: 0.550 ng
RT: 16.91 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:266 Resp: 622

Ion	Ratio	Lower	Upper
266	100		
264	69.3	64.9	97.3
268	73.6	64.0	96.0



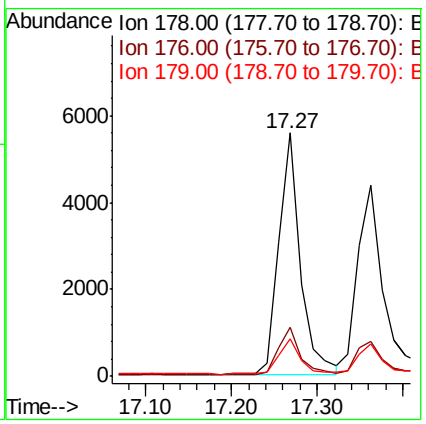


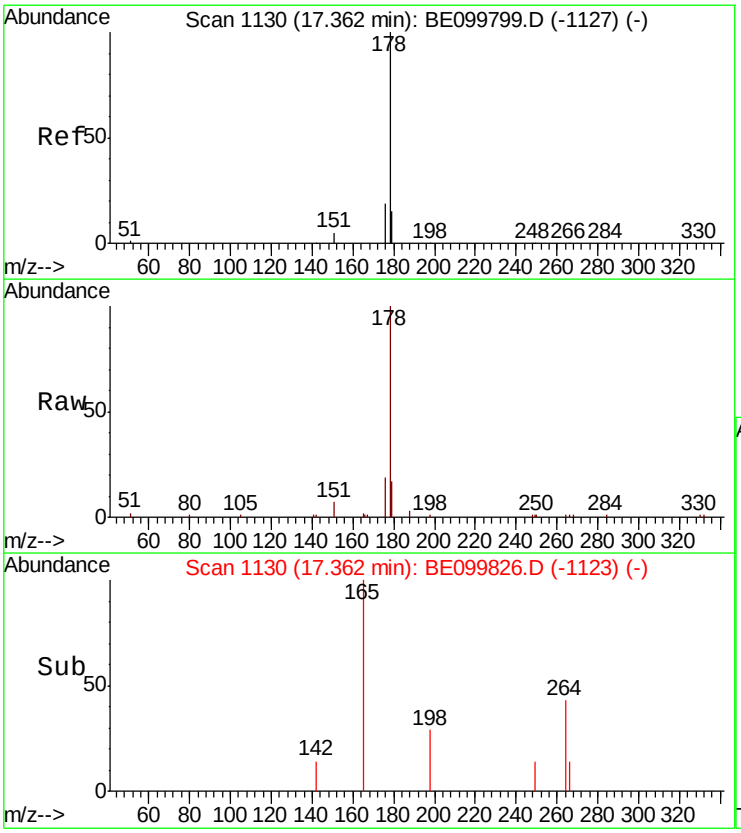
#23
Phenanthrene
Concen: 0.354 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 9658

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.0	12.5	18.7

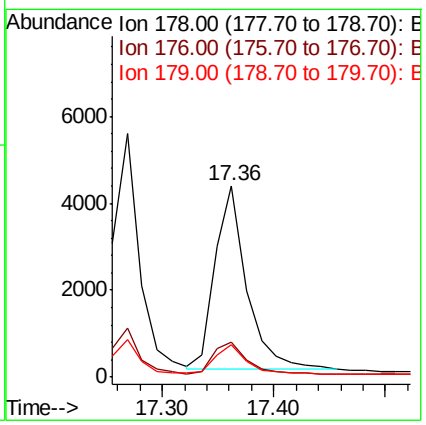


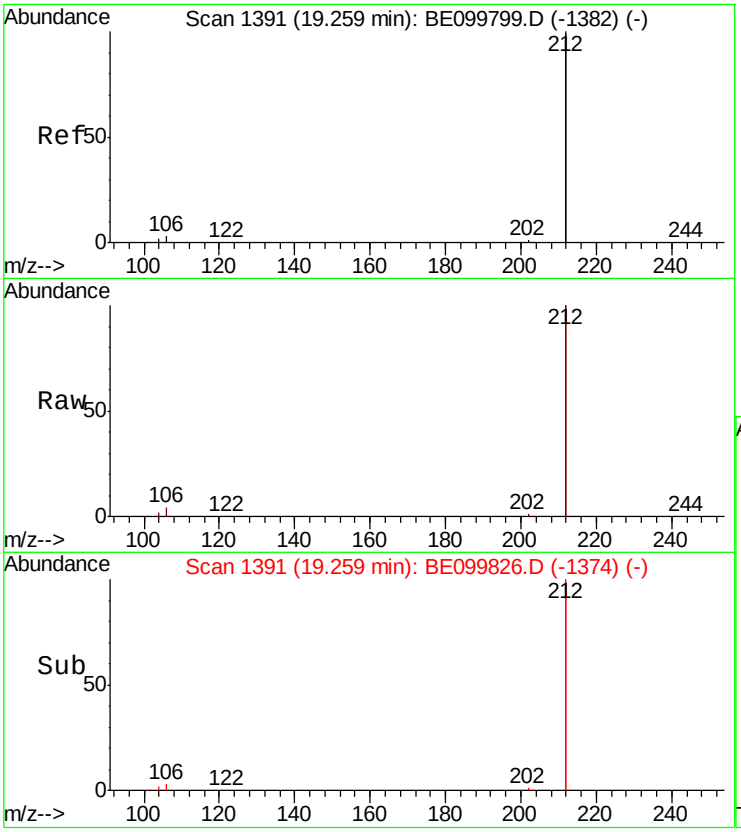


#24
Anthracene
Concen: 0.339 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:178 Resp: 8365

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.1	12.1	18.1



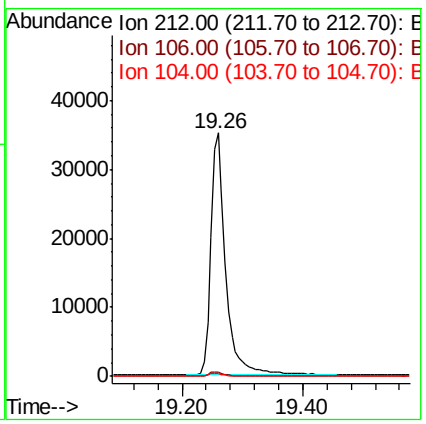


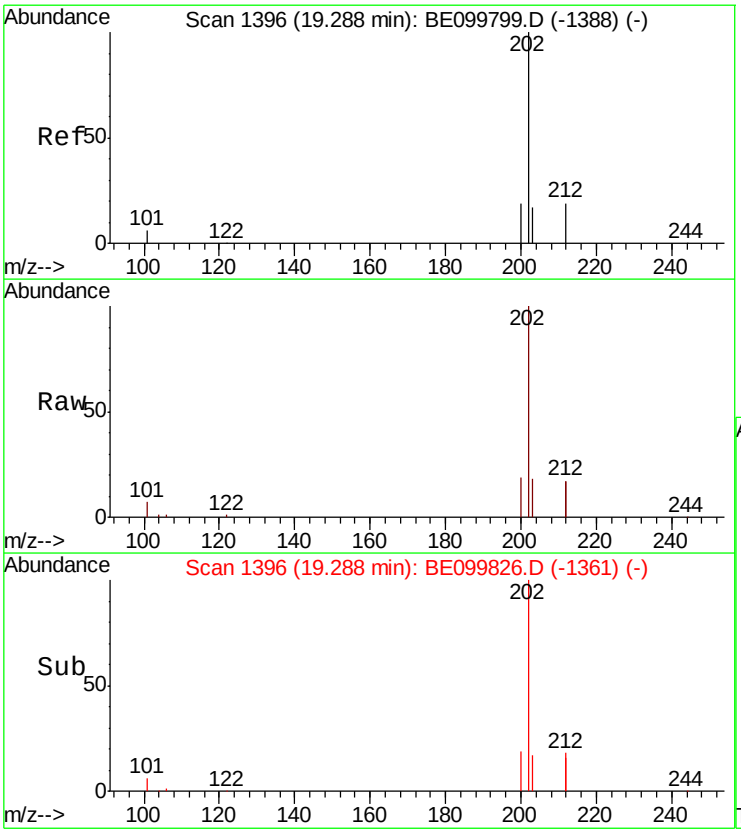
#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 60322

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

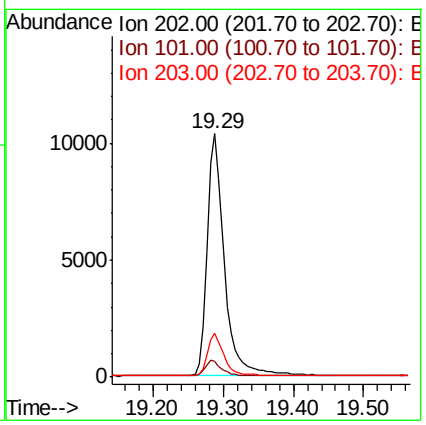


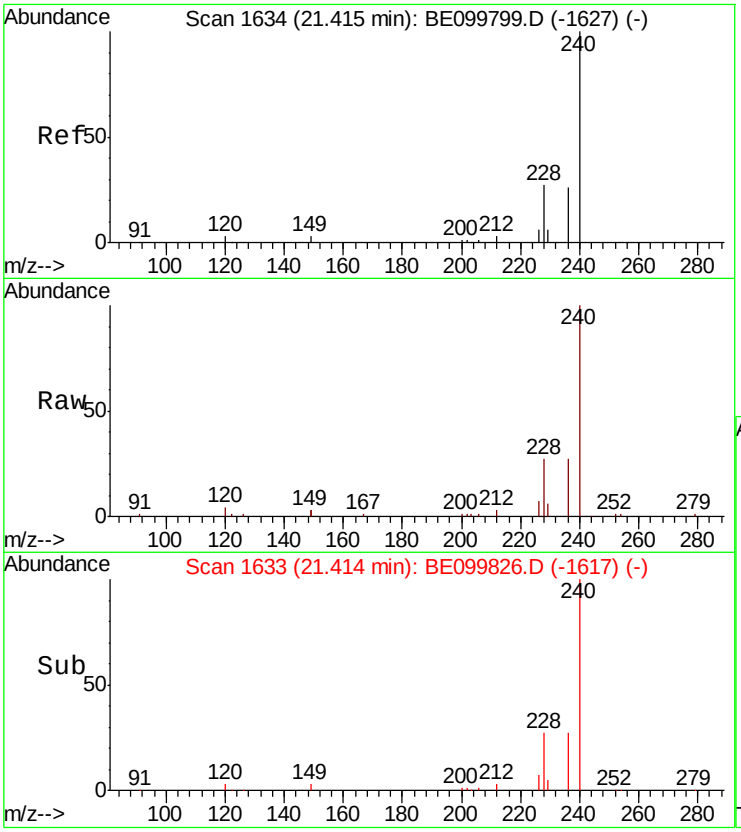


#26
Fluoranthene
Concen: 0.370 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:202 Resp: 17688

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.2	7.8
203	17.0	13.6	20.4



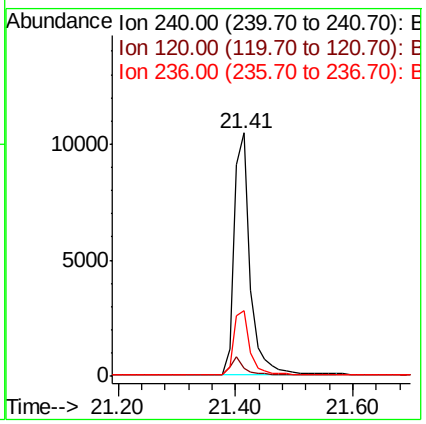


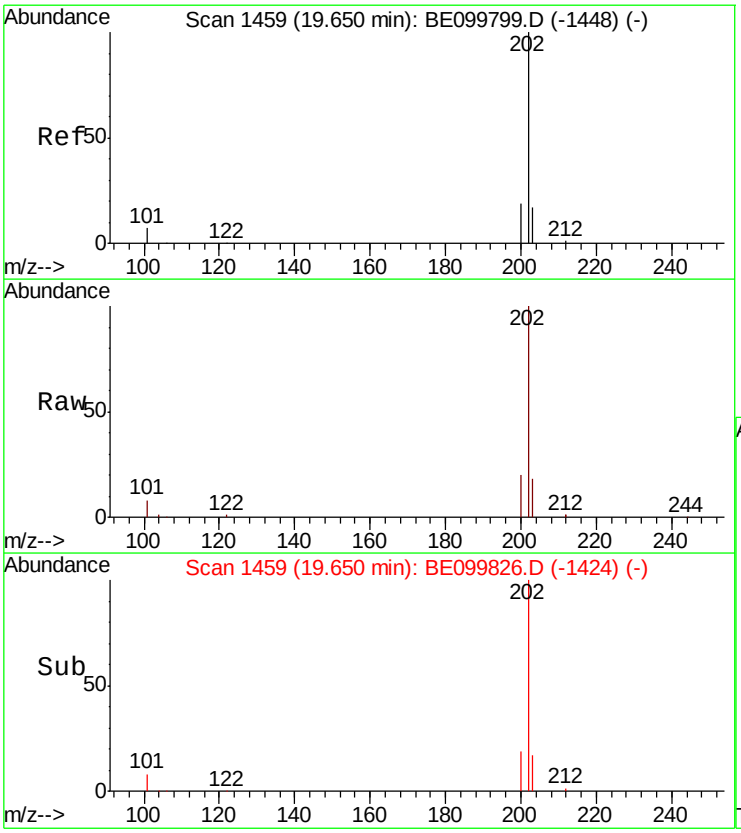
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 20001

Ion	Ratio	Lower	Upper
240	100		
120	3.5	2.8	4.2
236	27.0	20.9	31.3

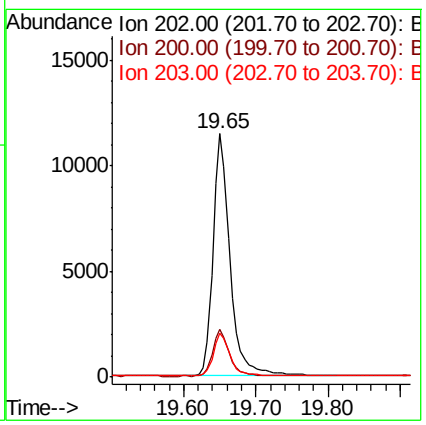


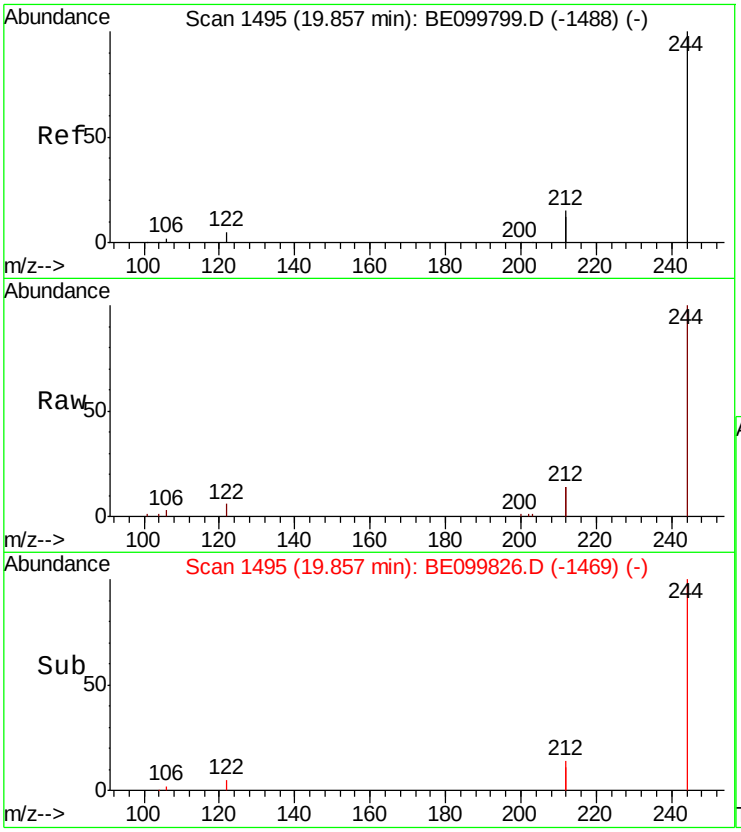


#28
Pyrene
Concen: 0.388 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:202 Resp: 18746

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.6	23.4
203	17.5	14.1	21.1



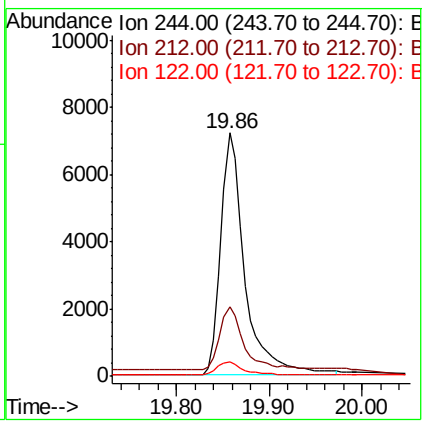


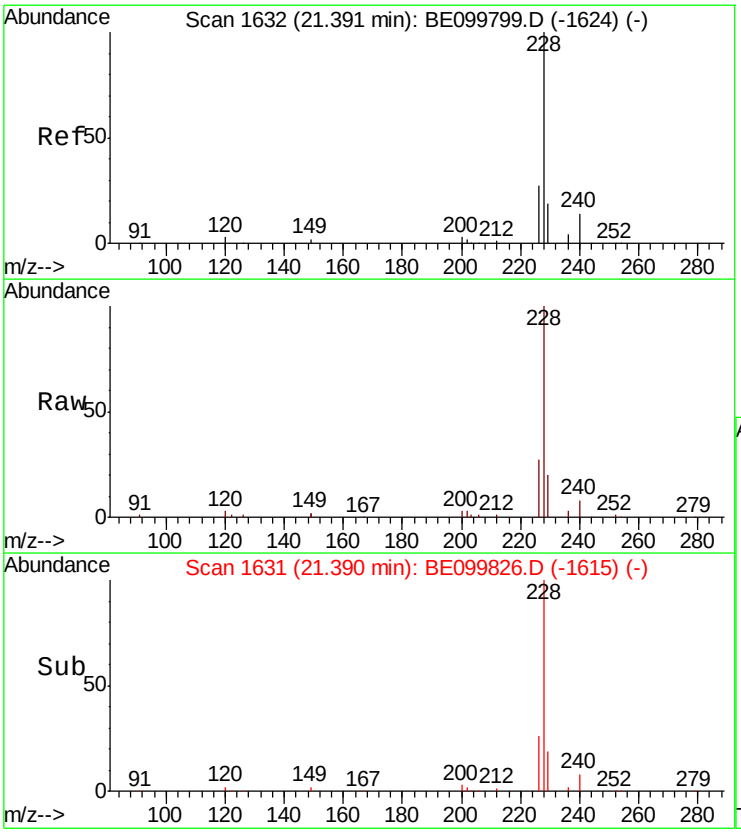
#29
Terphenyl-d14
Concen: 0.395 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 12969

Ion	Ratio	Lower	Upper
244	100		
212	28.5	23.7	35.5
122	6.0	4.8	7.2

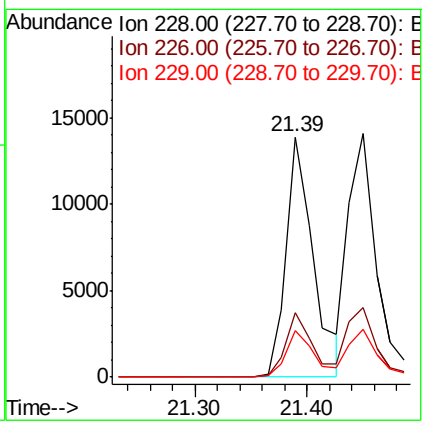


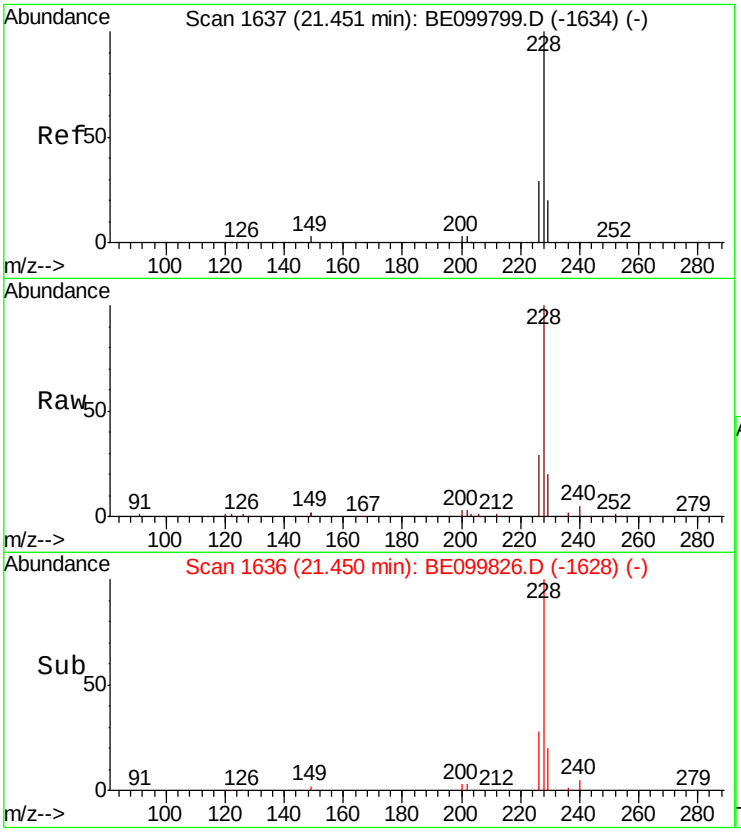


#30
Benzo(a)anthracene
Concen: 0.418 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:228 Resp: 23125

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.6	32.4
229	19.6	15.8	23.6



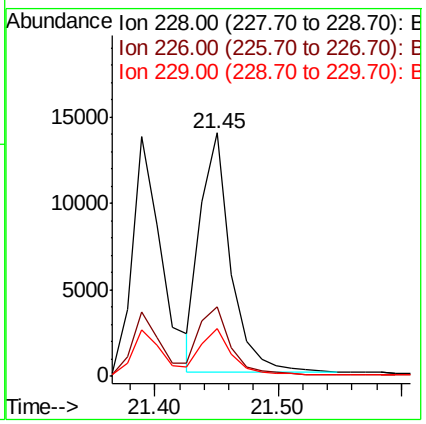


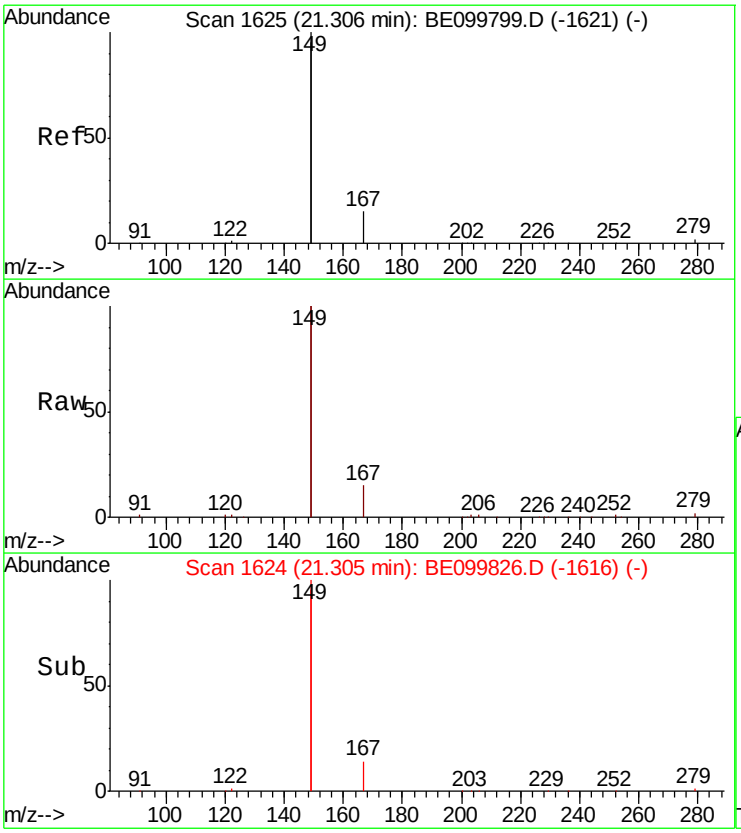
#31
Chrysene
Concen: 0.387 ng
RT: 21.45 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 23643

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	19.9	16.4	24.6

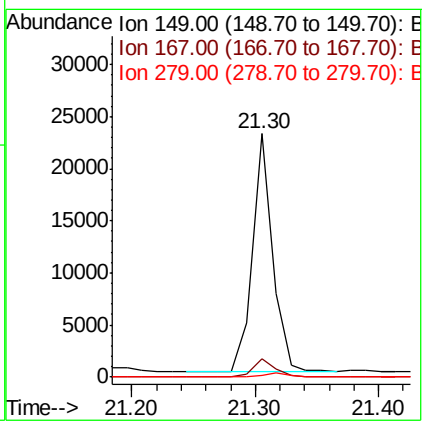


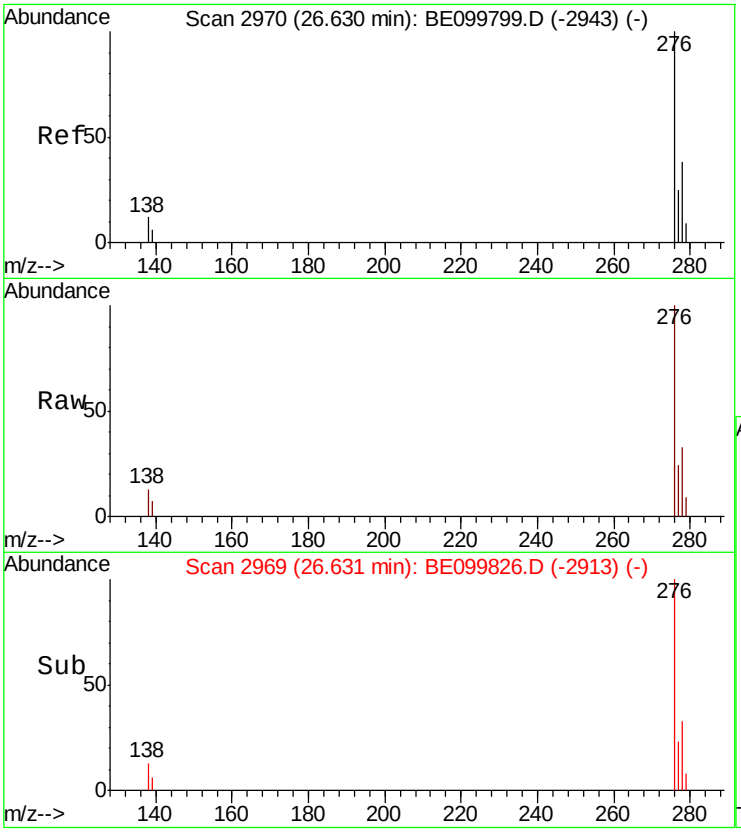


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.415 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:149 Resp: 26348

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.6	1.2	1.8



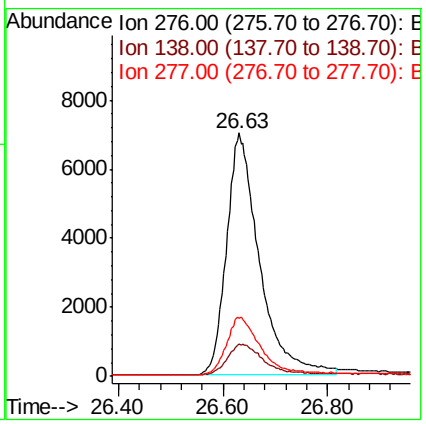


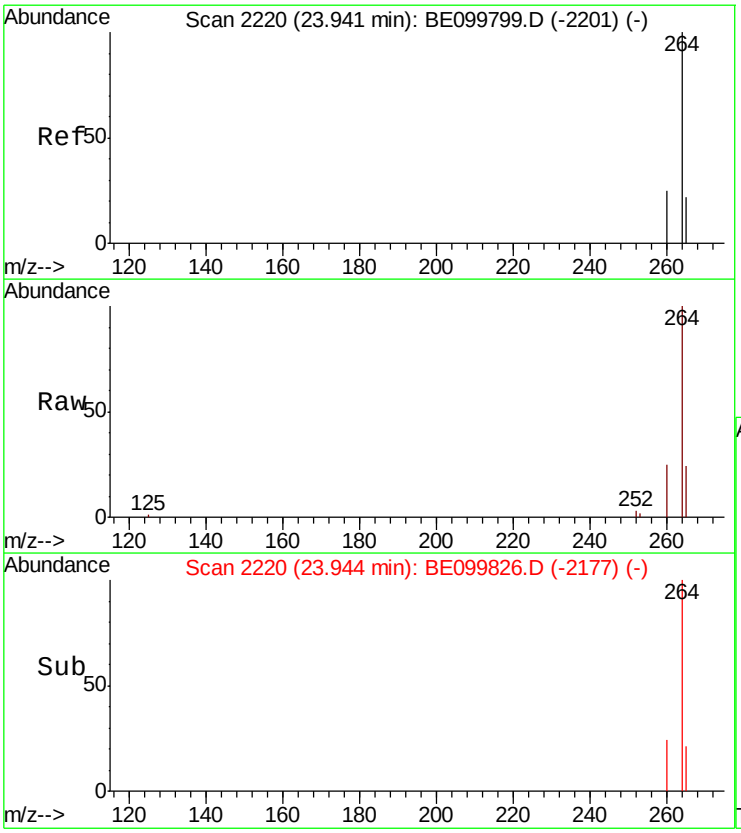
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 26.63 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 30440

Ion	Ratio	Lower	Upper
276	100		
138	13.4	10.3	15.5
277	24.5	19.4	29.2

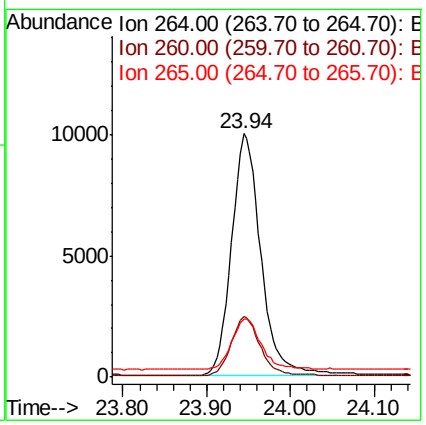


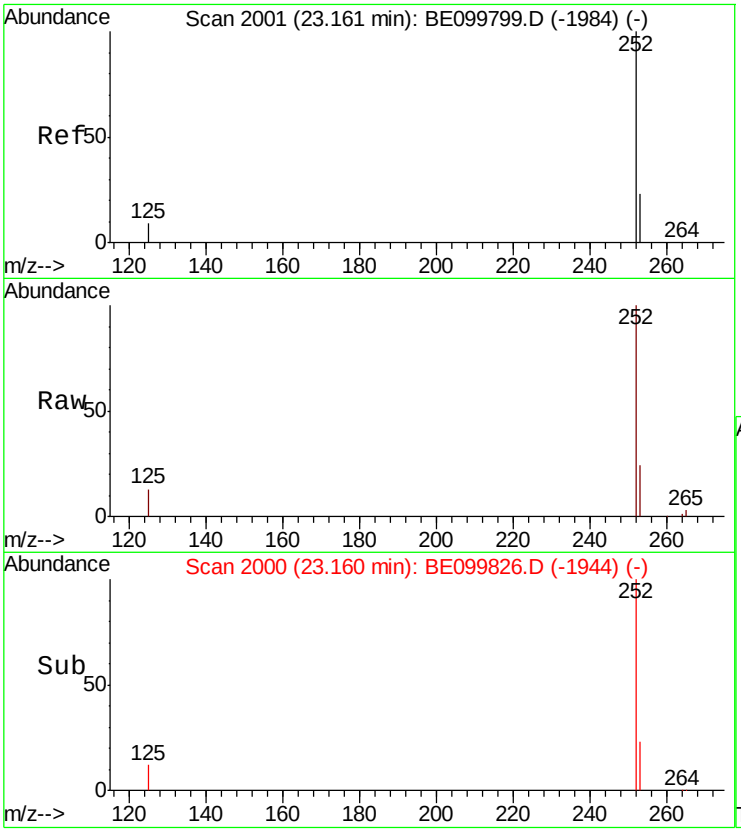


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:264 Resp: 24320

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	24.1	20.7	31.1



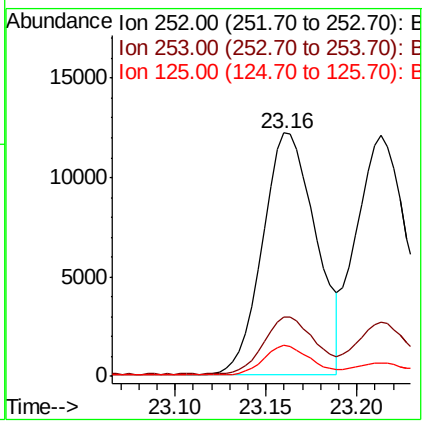


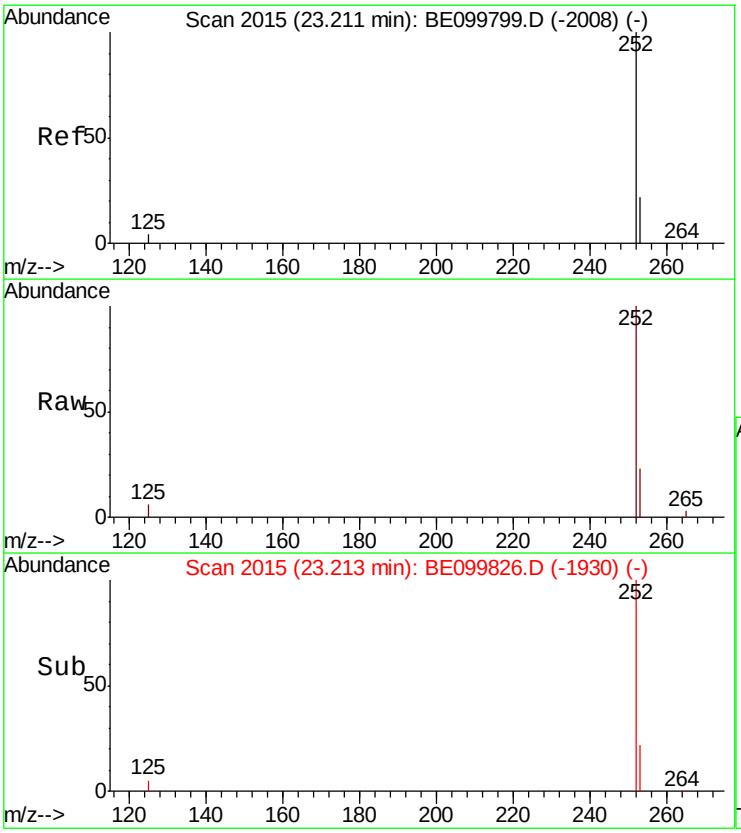
#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.16 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24835

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	12.9	7.6	11.4#

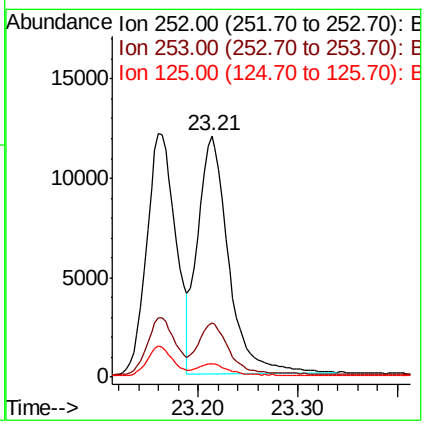


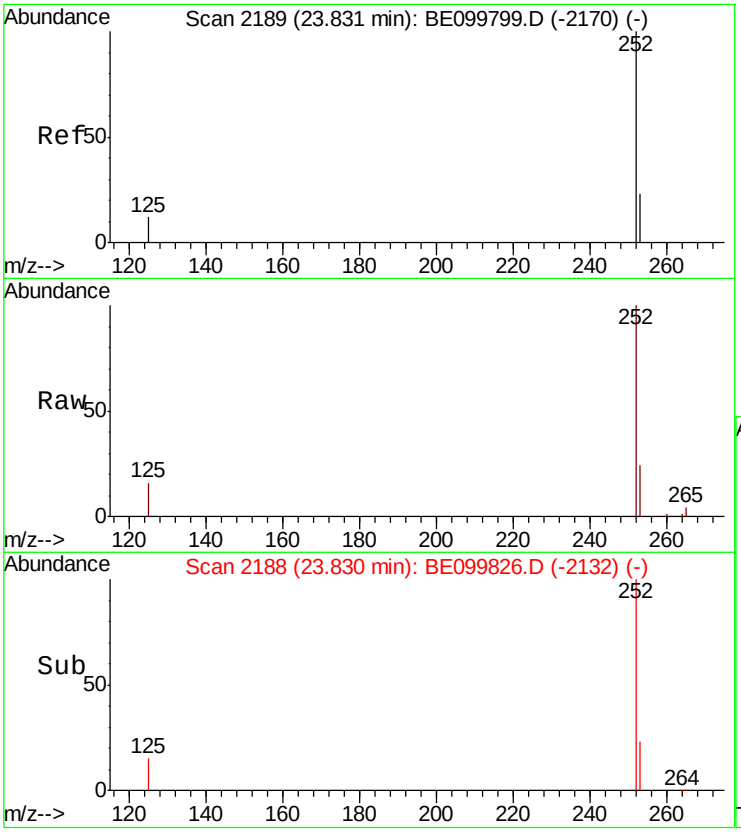


#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 23.21 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:252 Resp: 25732

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	5.6	4.6	7.0



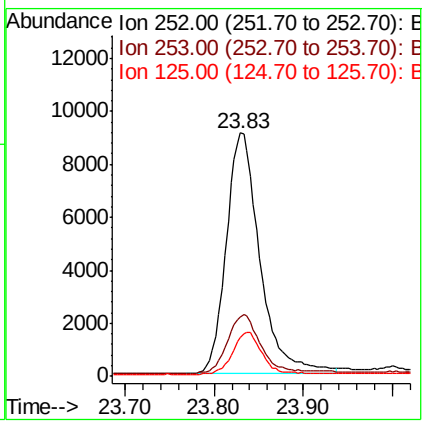


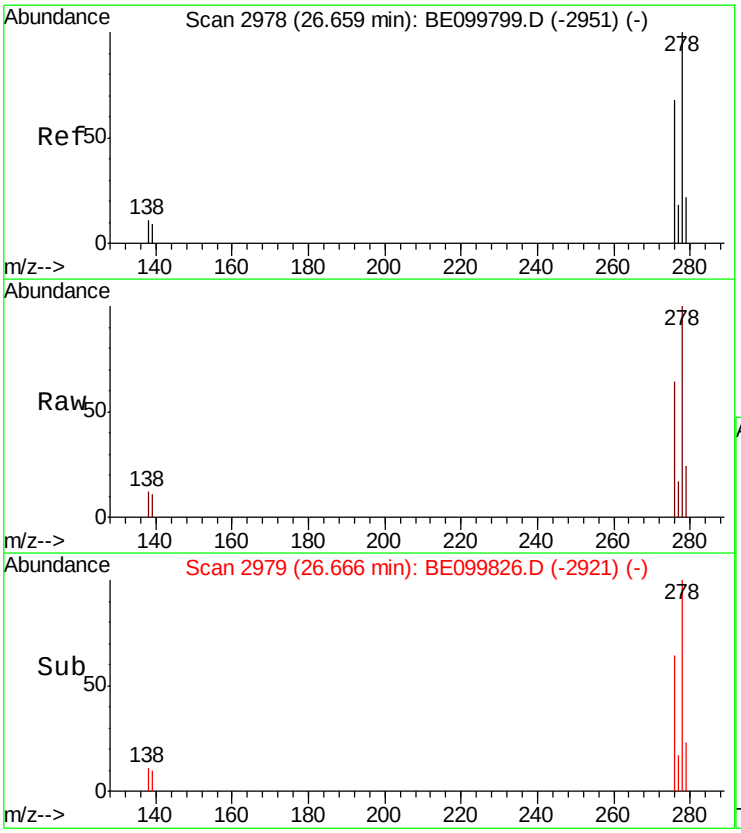
#37
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23985

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	16.1	10.2	15.4#

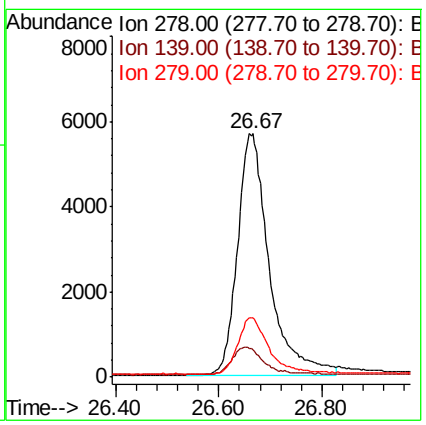


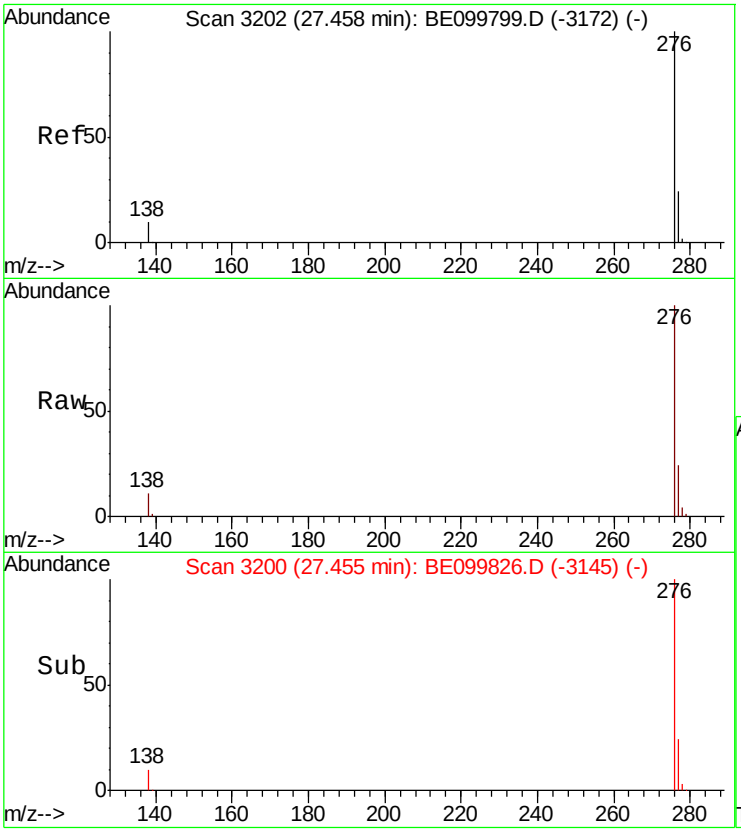


#38
Dibenzo(a,h)anthracene
Concen: 0.365 ng
RT: 26.67 min Scan# 2979
Delta R.T. 0.01 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Tgt Ion:278 Resp: 24209

Ion	Ratio	Lower	Upper
278	100		
139	11.4	7.9	11.9
279	24.5	18.5	27.7





#39
Benzo(g,h,i)perylene
Concen: 0.361 ng
RT: 27.45 min Scan# 3200
Delta R.T. -0.00 min
Lab File: BE099826.D
Acq: 6 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25191

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	11.1	9.0	13.4