Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
Data File : BE099884.D
Acq On : 10 Jun 2019 9:40
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 11 14:35:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	642	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	2377	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	1773	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6119	0.40	ng		0.00
27) Chrysene-d12	21.40	240	9532	0.40	ng		0.00
34) Perylene-d12	23.93	264	11254	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	688	0.40	ng		0.00
5) Phenol-d6	6.97	99	864	0.39	ng		0.00
8) Nitrobenzene-d5	8.96	82	917	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	1669	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	542	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	2645	0.39	ng		-0.01
25) Fluoranthene-d10	19.25	212	35177	0.39	ng		0.00
29) Terphenyl-d14	19.84	244	7247	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	351	0.369	ng		98
3) n-Nitrosodimethylamine	3.60	42	231	0.422	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	725	0.398	ng		94
9) Naphthalene	10.65	128	10174	0.397	ng		100
10) Hexachlorobutadiene	10.93	225	769	0.393	ng		100
12) 2-Methylnaphthalene	12.28	142	1626	0.390	ng		99
16) Acenaphthylene	14.18	152	3491	0.396	ng		99
17) Acenaphthene	14.53	154	1836	0.382	ng		98
18) Fluorene	15.51	166	2884	0.400	ng		97
20) 4-Bromophenyl-phenylether	16.41	248	1330	0.384	ng		99
21) Hexachlorobenzene	16.52	284	1333	0.376	ng		98
22) Pentachlorophenol	16.89	266	524	0.607	ng		97
23) Phenanthrene	17.25	178	5725	0.386	ng		99
24) Anthracene	17.35	178	5137	0.377	ng		99
26) Fluoranthene	19.28	202	10105	0.400	ng		99
28) Pyrene	19.64	202	10558	0.422	ng		100
30) Benzo(a)anthracene	21.38	228	12699	0.446	ng		99
31) Chrysene	21.44	228	12600	0.428	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	17483	0.428	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	15054	0.431	ng	#	93
35) Benzo(b)fluoranthene	23.14	252	12250	0.388	ng		99
36) Benzo(k)fluoranthene	23.20	252	13038	0.395	ng		100
37) Benzo(a)pyrene	23.81	252	12181	0.392	ng	#	98
38) Dibenzo(a,h)anthracene	26.64	278	12045	0.385	ng		99
39) Benzo(g,h,i)perylene	27.44	276	12616	0.390	ng		99

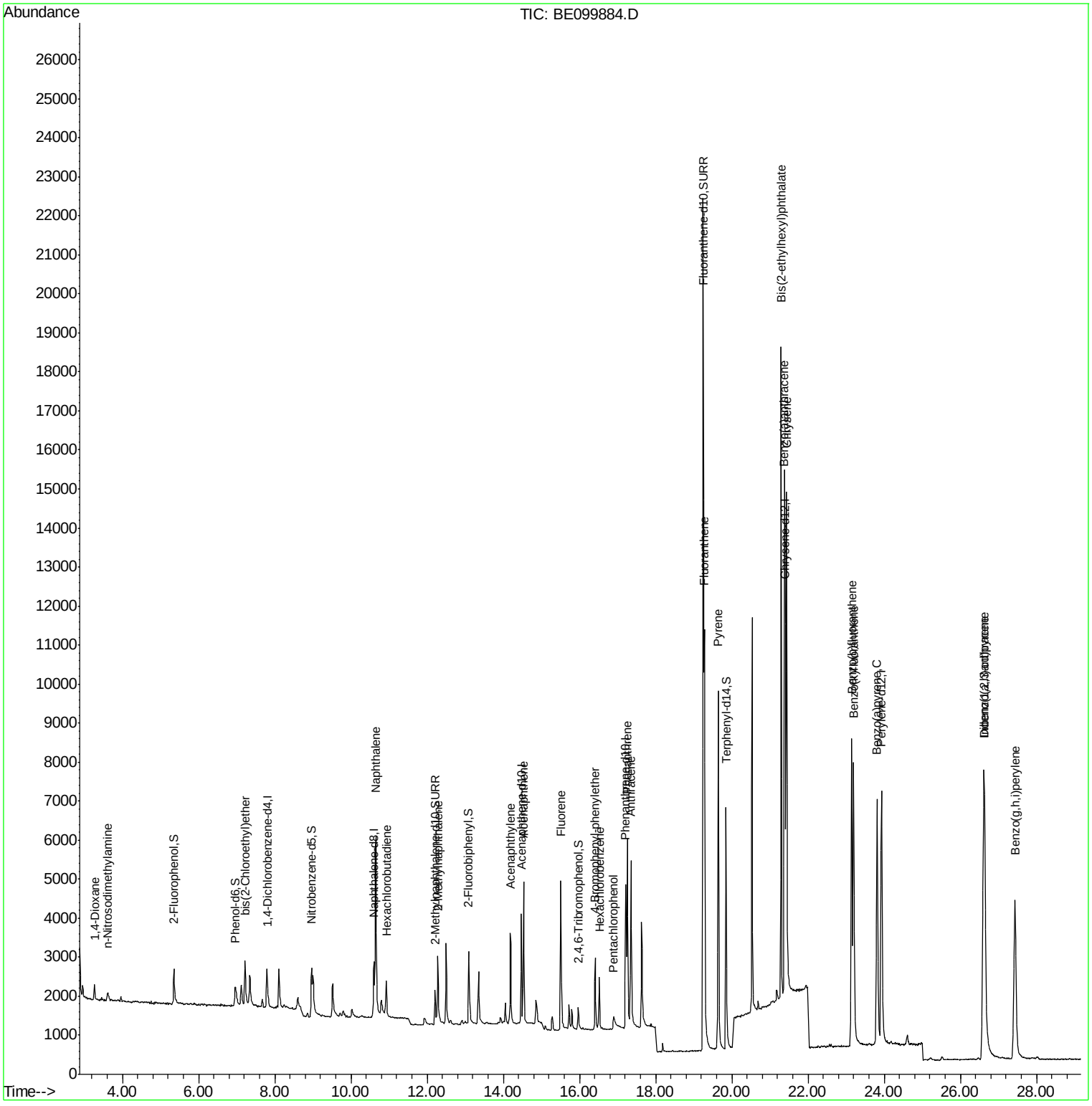
(#) = qualifier out of range (m) = manual integration (+) = signals summed

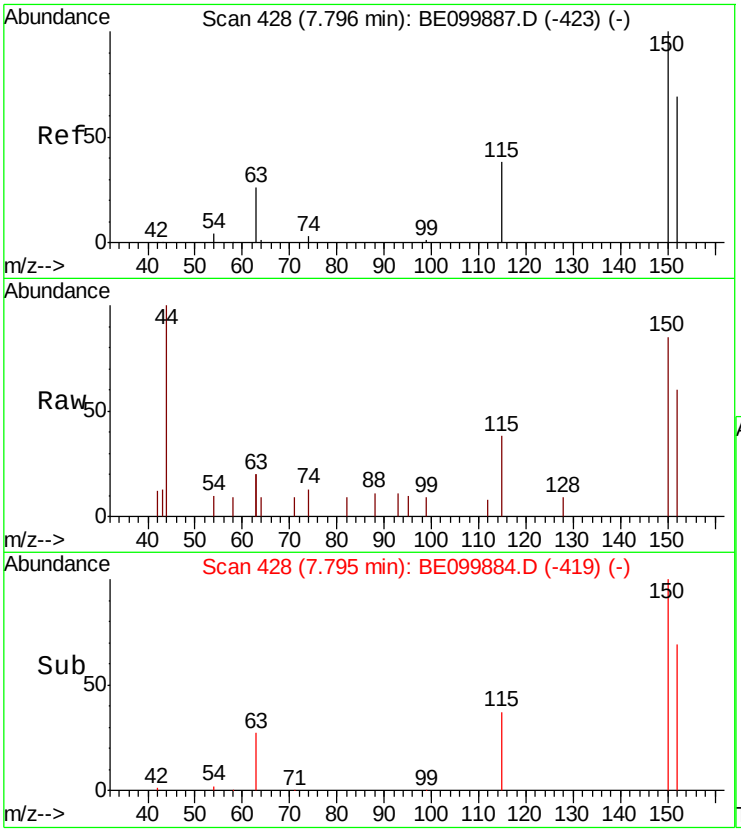
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
Data File : BE099884.D
Acq On : 10 Jun 2019 9:40
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 11 14:35:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



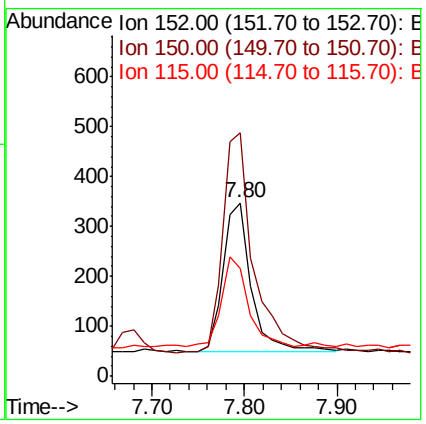


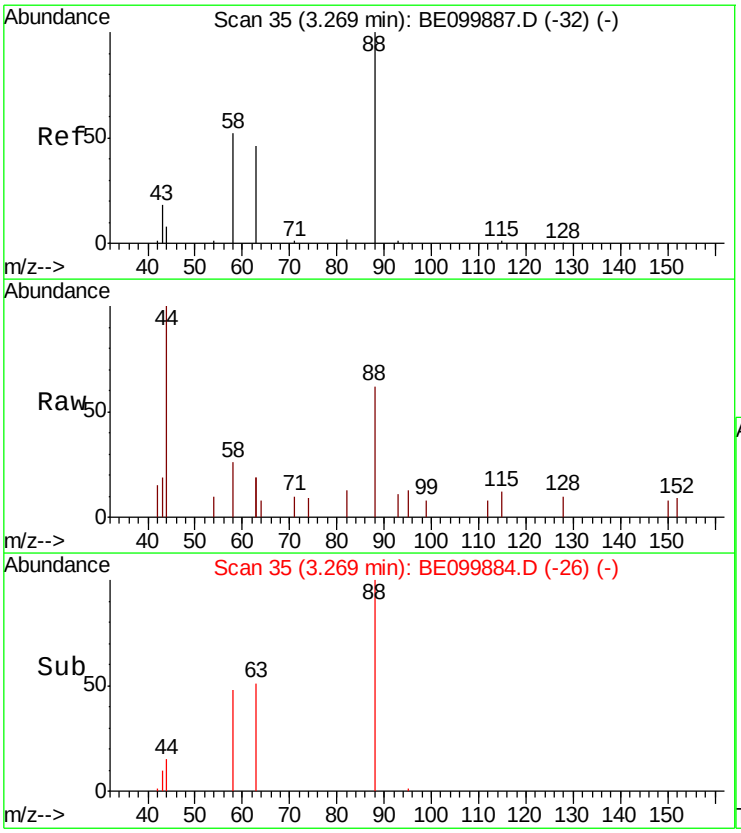
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 642

Ion	Ratio	Lower	Upper
152	100		
150	140.6	111.0	166.6
115	62.2	50.7	76.1

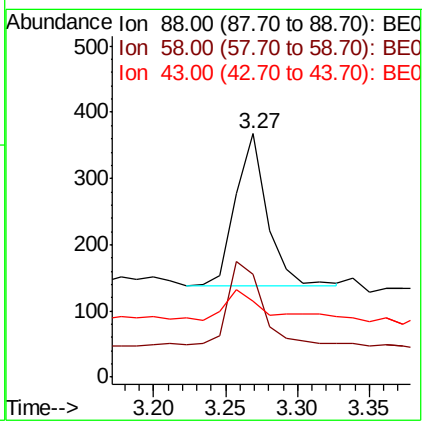


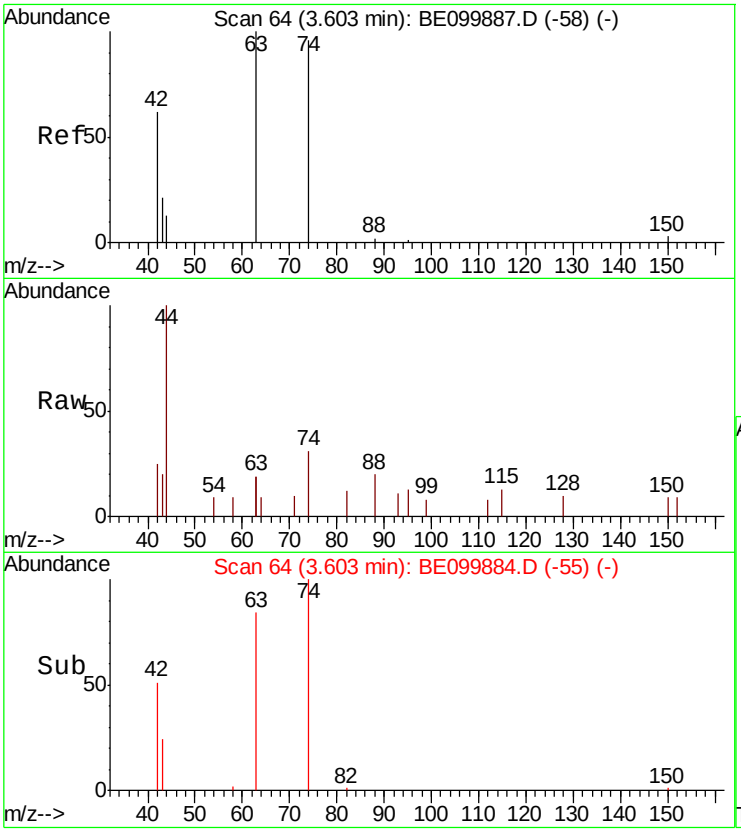


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion: 88 Resp: 351

Ion	Ratio	Lower	Upper
88	100		
58	61.5	48.8	73.2
43	25.6	19.0	28.6



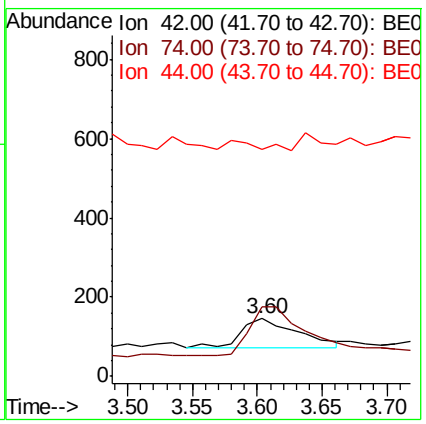


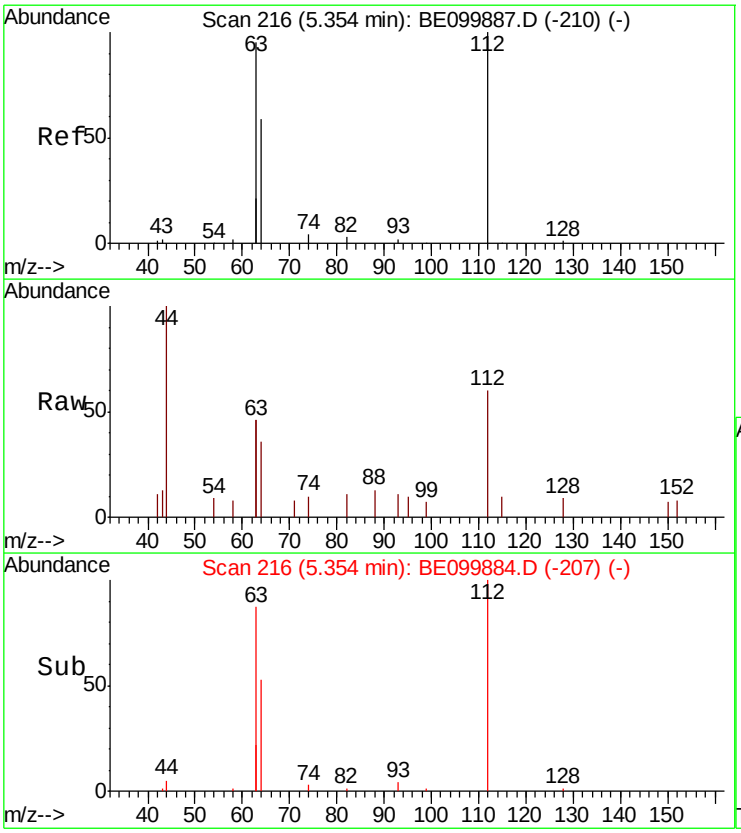
#3
n-Nitrosodimethylamine
Concen: 0.422 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 231

Ion	Ratio	Lower	Upper
42	100		
74	157.1	0.0	0.0#
44	0.0	0.0	0.0

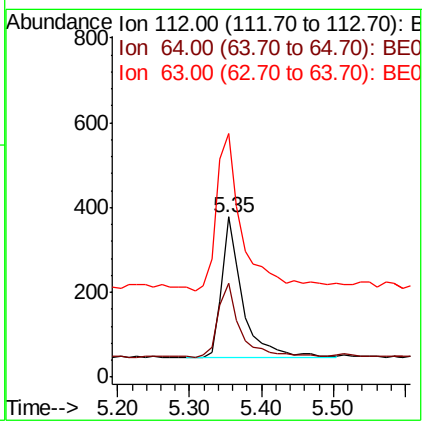


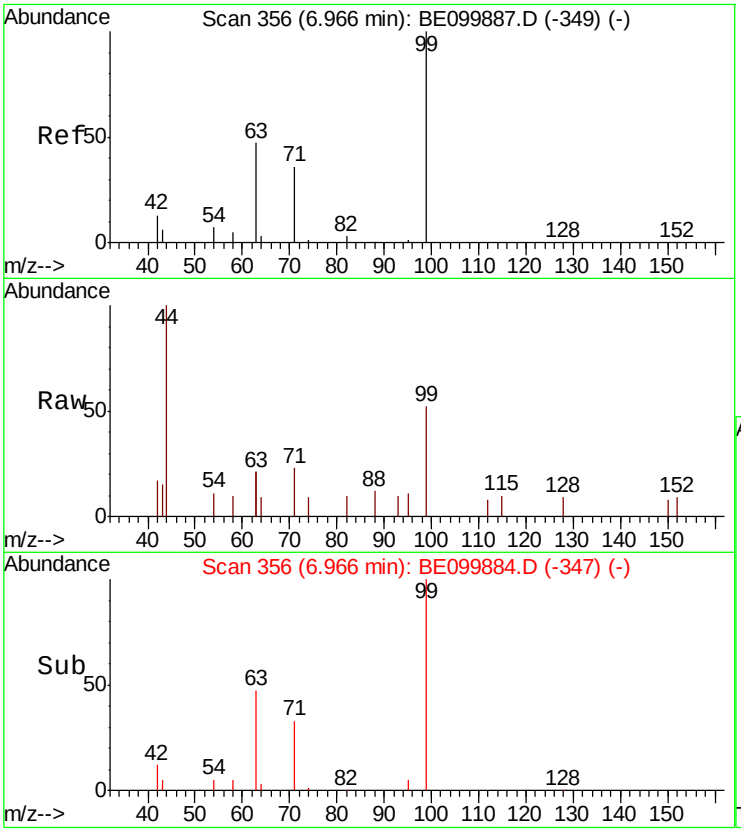


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:112 Resp: 688

Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.1	66.1
63	137.4	87.8	131.6#



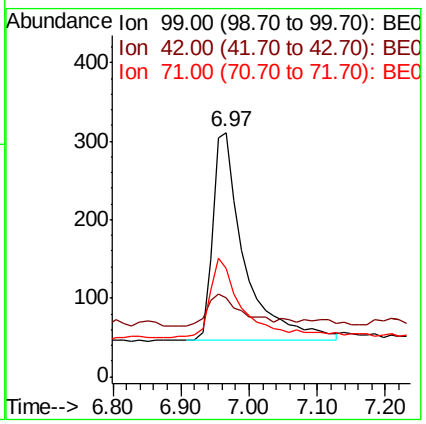


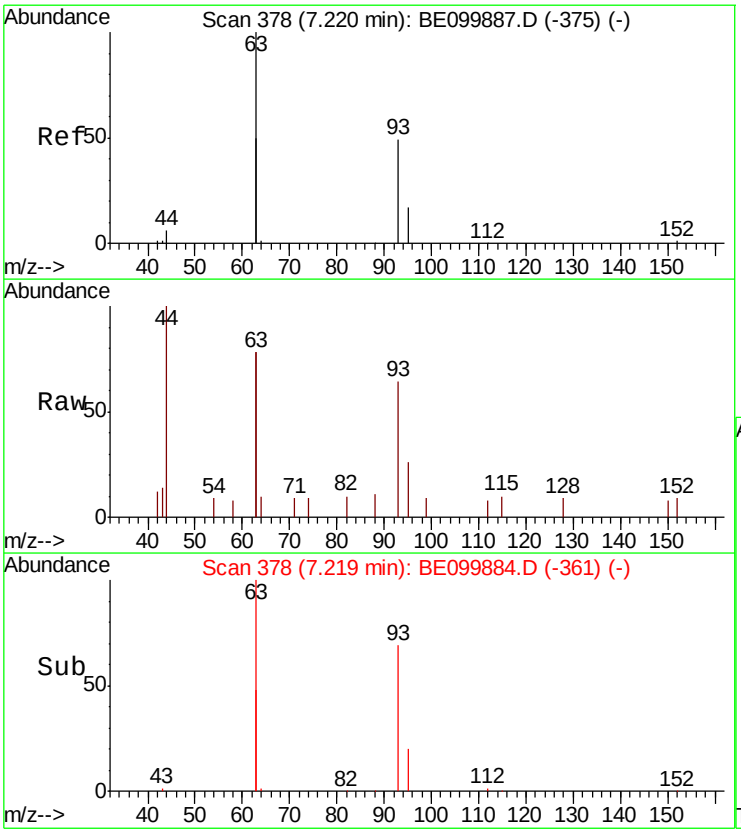
#5
Phenol-d6
Concen: 0.387 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 864

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.9	23.9
71	40.5	34.6	52.0

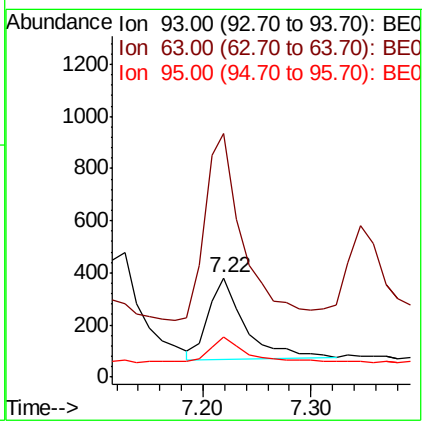


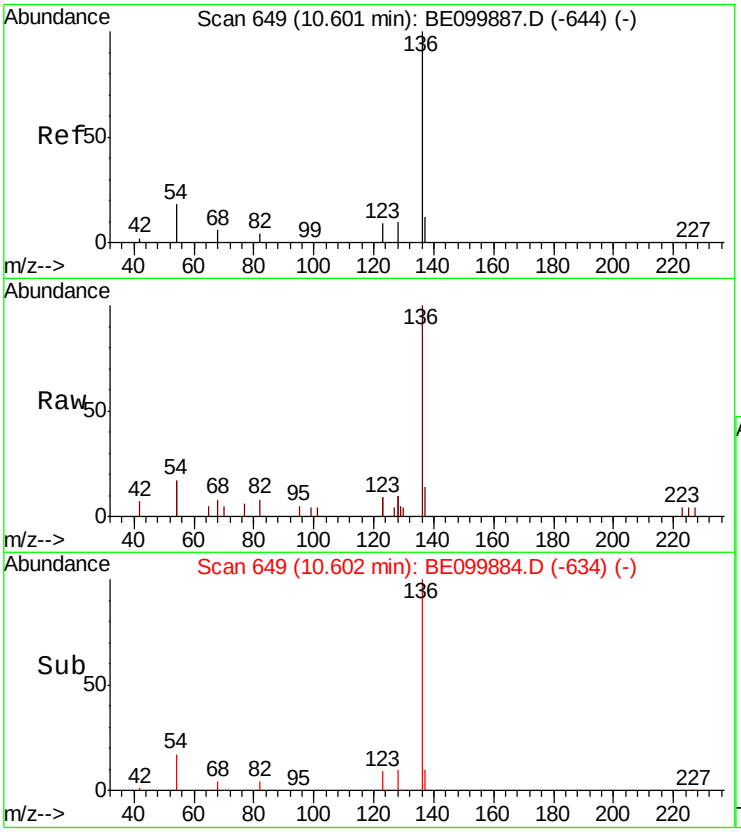


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion: 93 Resp: 725

Ion	Ratio	Lower	Upper
93	100		
63	243.9	202.8	304.2
95	33.2	23.7	35.5



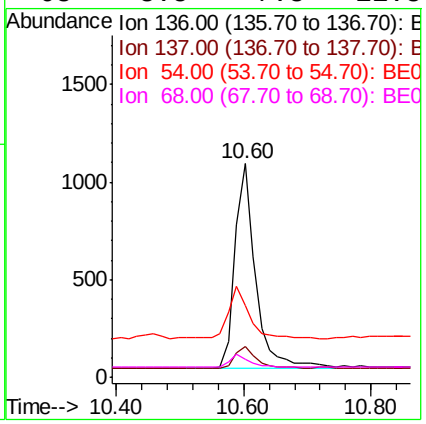


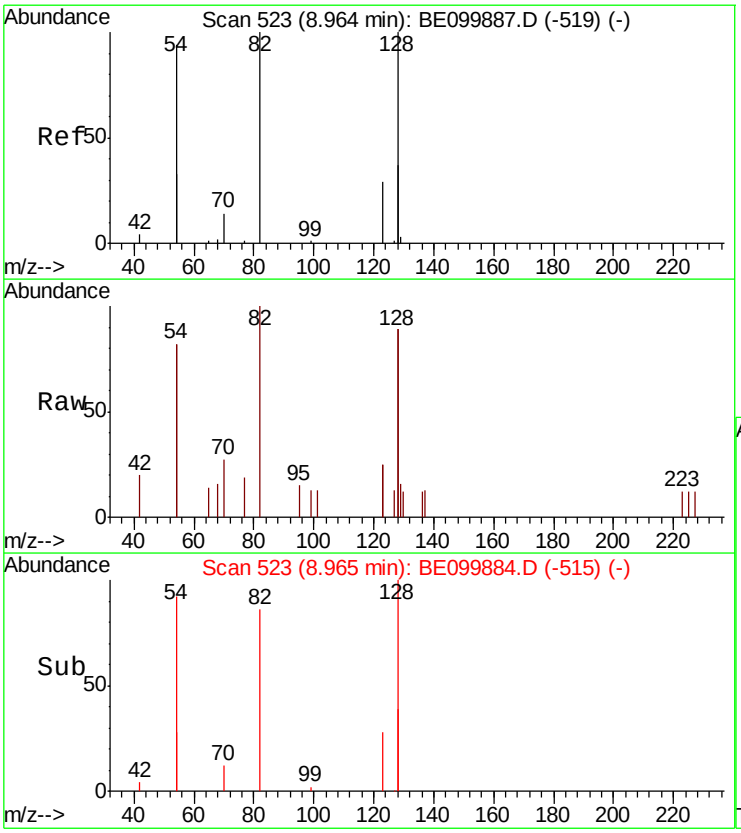
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2377

Ion	Ratio	Lower	Upper
136	100		
137	14.2	12.3	18.5
54	33.4	28.2	42.4
68	8.5	7.8	11.8

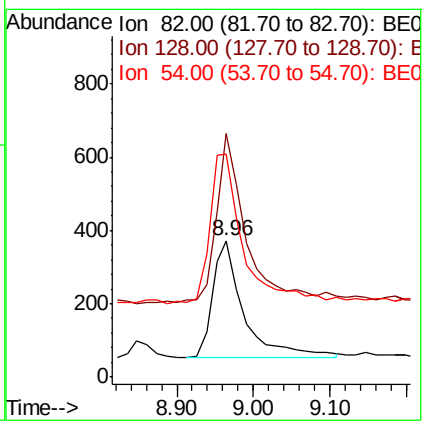


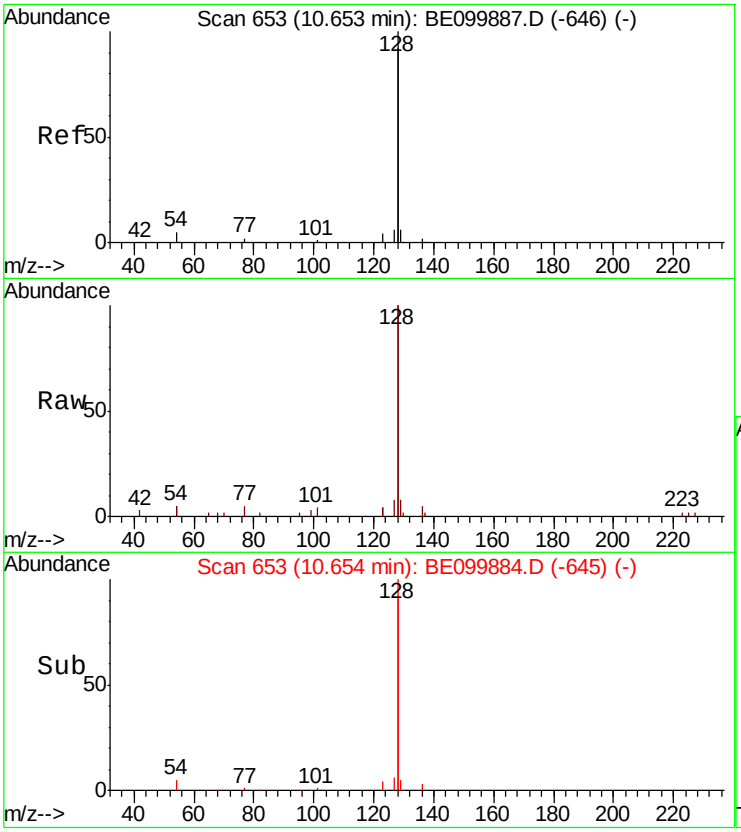


#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion: 82 Resp: 917

Ion	Ratio	Lower	Upper
82	100		
128	178.5	137.3	205.9
54	163.4	129.7	194.5



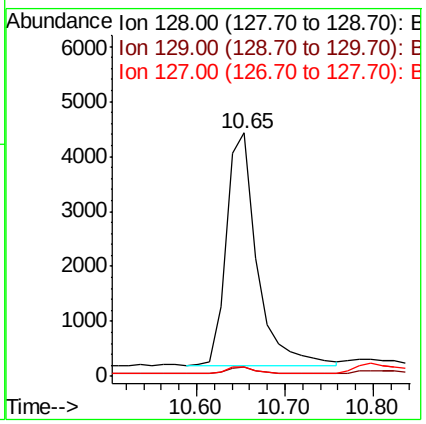


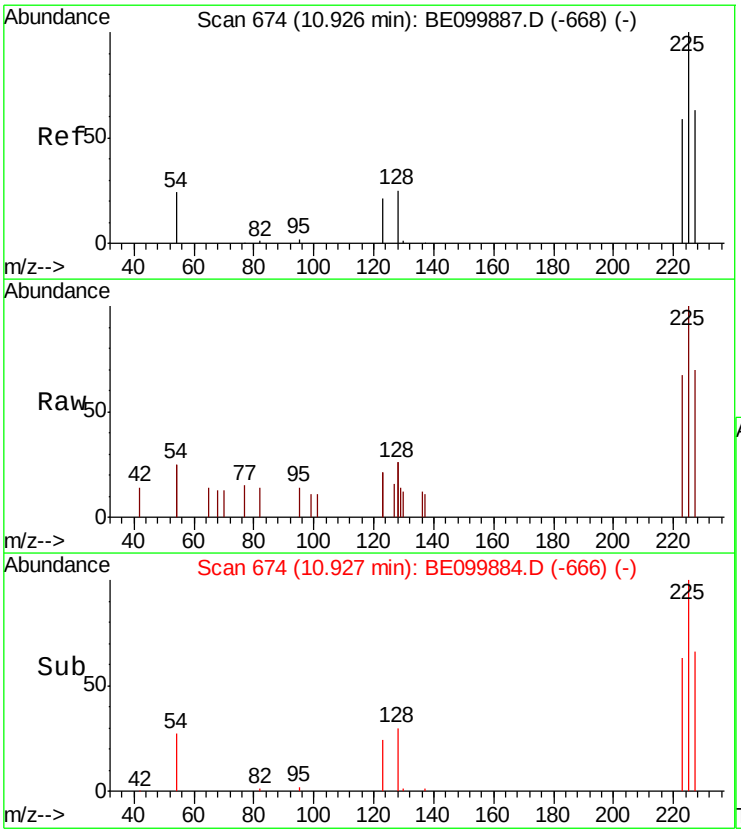
#9
Naphthalene
Concen: 0.397 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 10174

Ion	Ratio	Lower	Upper
128	100		
129	3.8	3.0	4.6
127	4.0	3.4	5.0

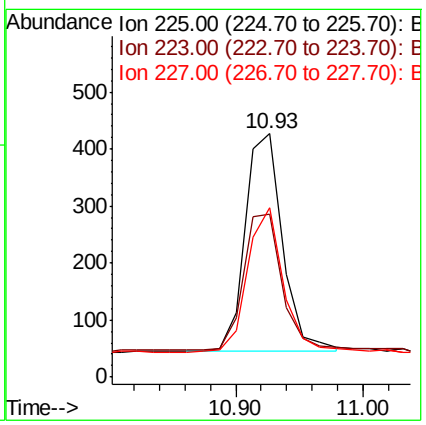


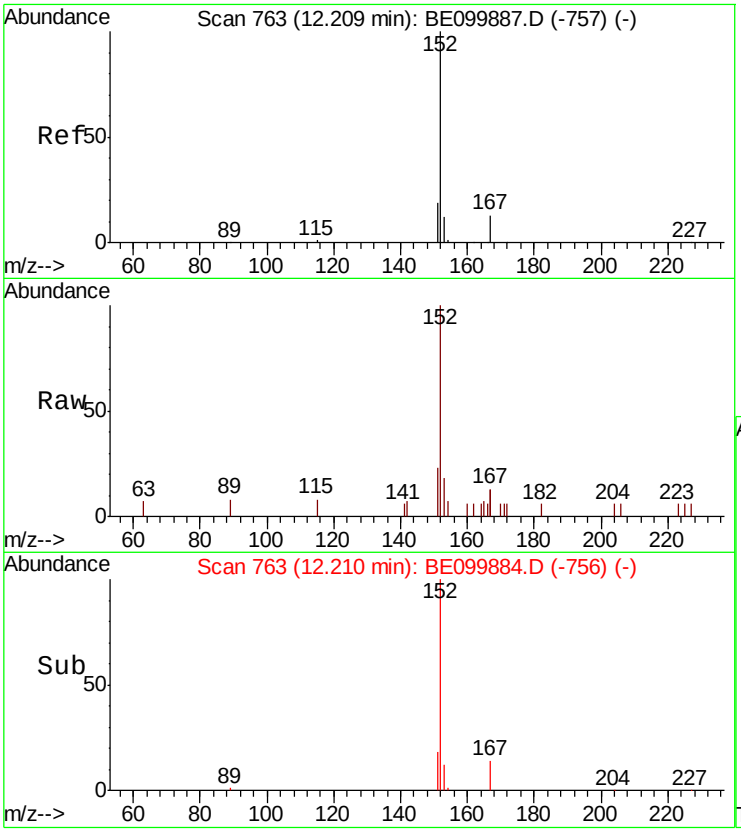


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.93 min Scan# 674
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:225 Resp: 769

Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.6	77.4
227	63.5	50.6	76.0



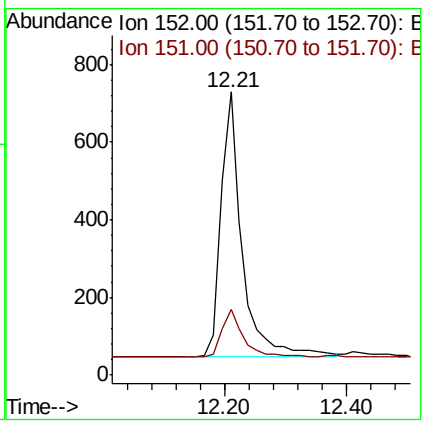


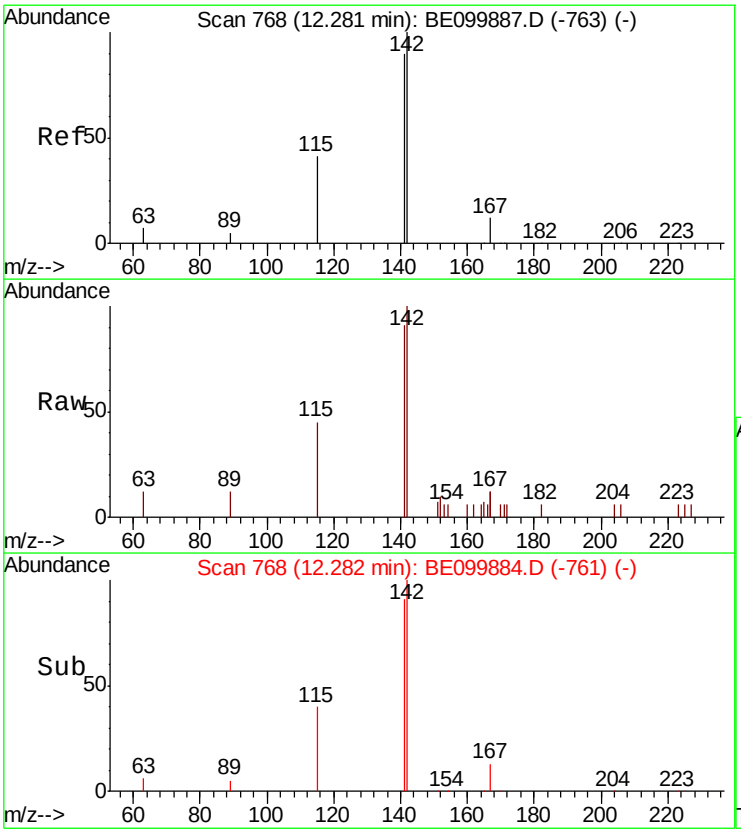
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1669

Ion	Ratio	Lower	Upper
152	100		
151	17.7	15.2	22.8

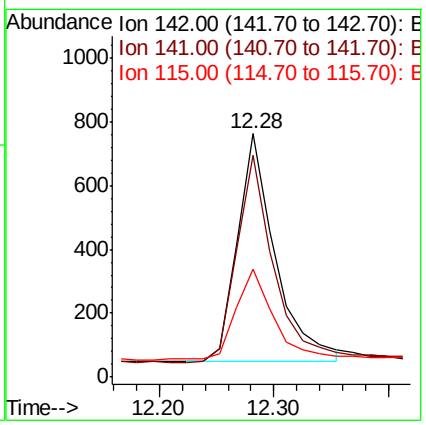


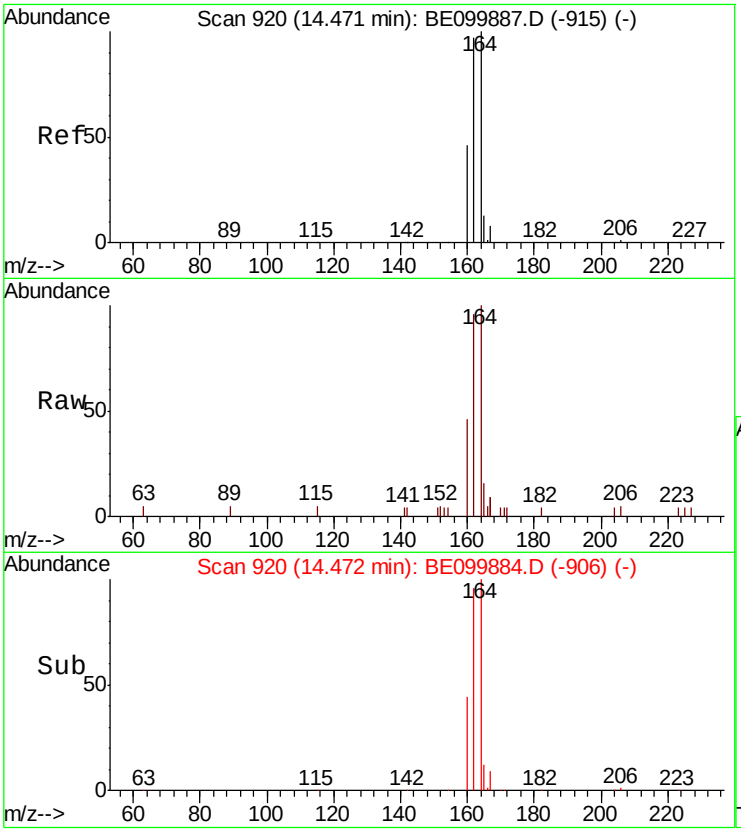


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:142 Resp: 1626

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.3	108.5
115	44.6	36.4	54.6



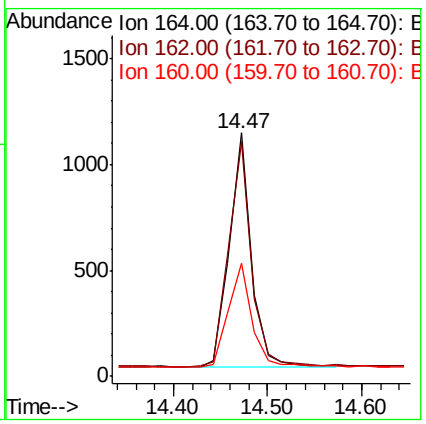


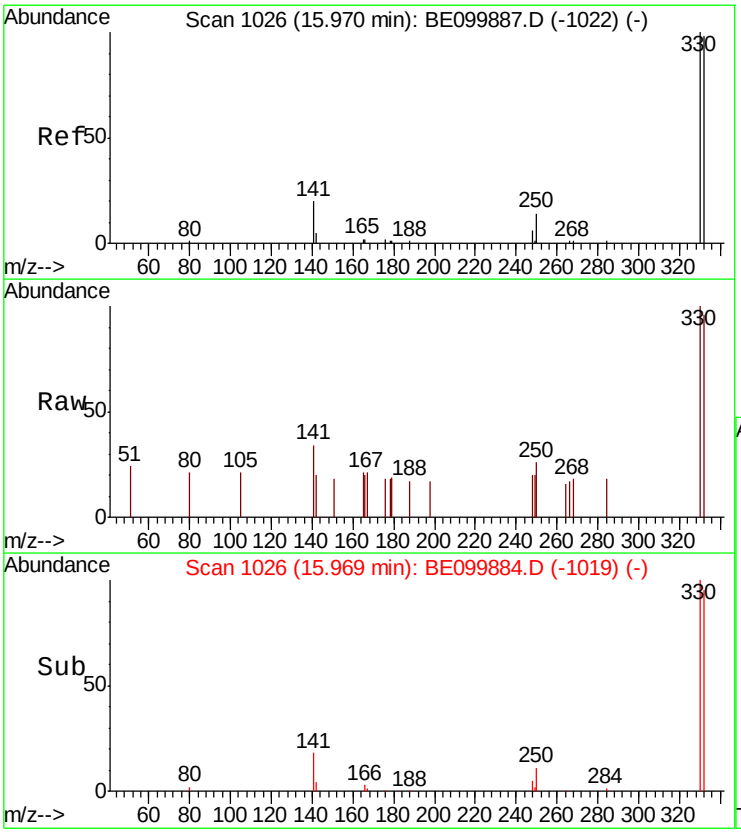
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1773

Ion	Ratio	Lower	Upper
164	100		
162	96.2	77.8	116.8
160	46.5	38.2	57.4

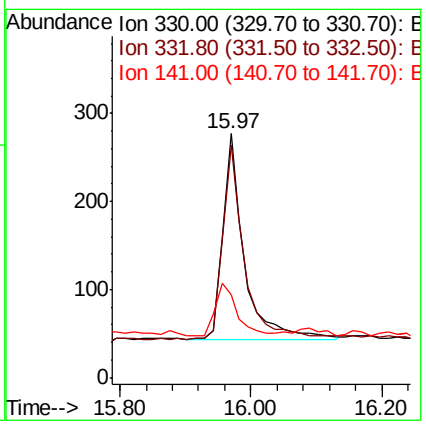


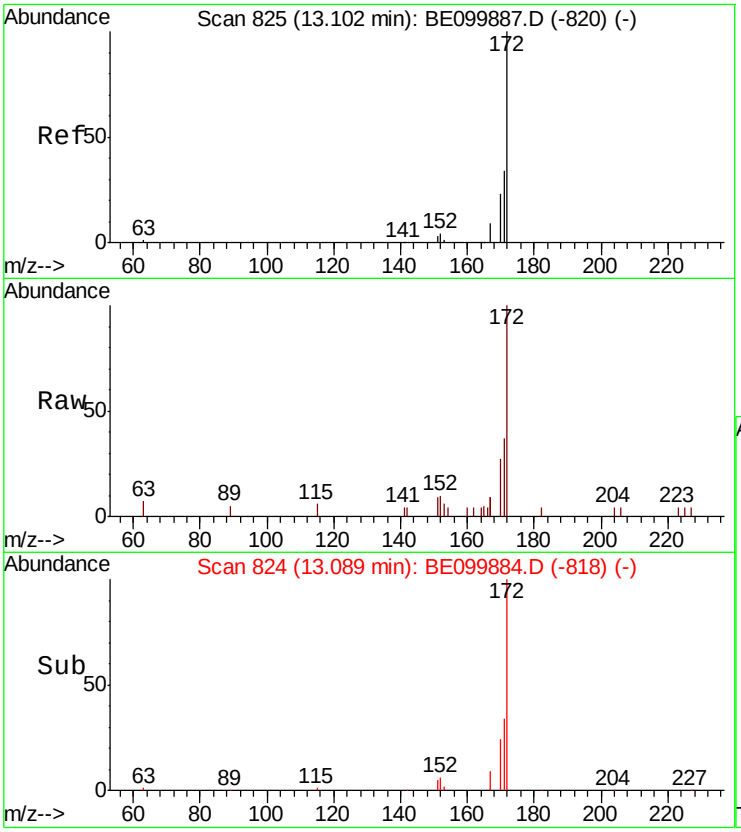


#14
2,4,6-Tribromophenol
Concen: 0.414 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:330 Resp: 542

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.7	115.1
141	24.7	21.0	31.6



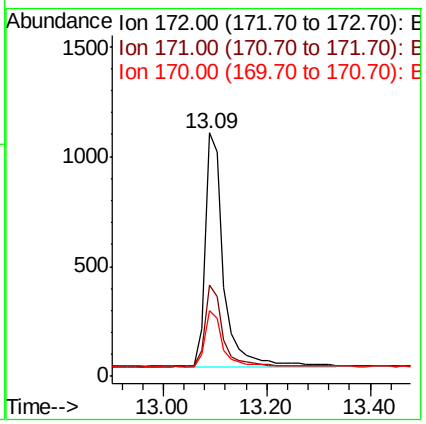


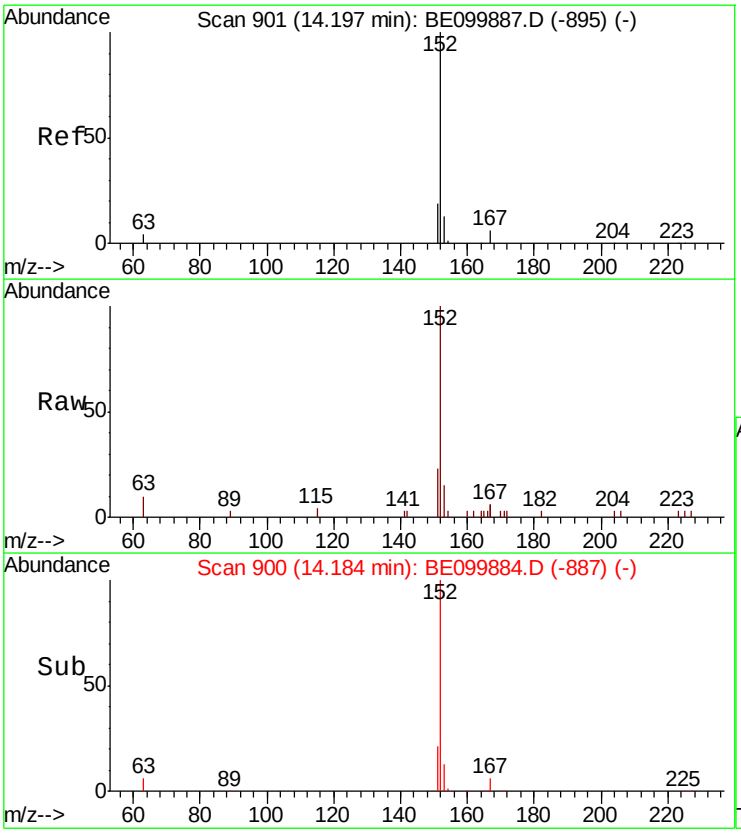
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2645

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.2	43.8
170	27.0	21.2	31.8

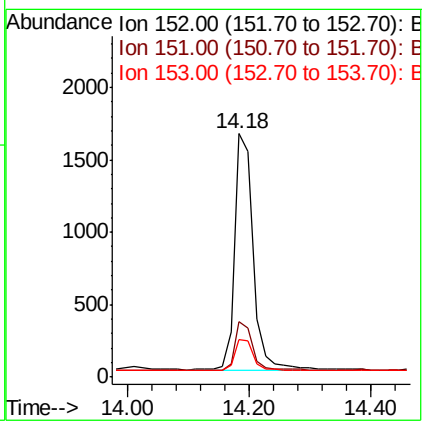


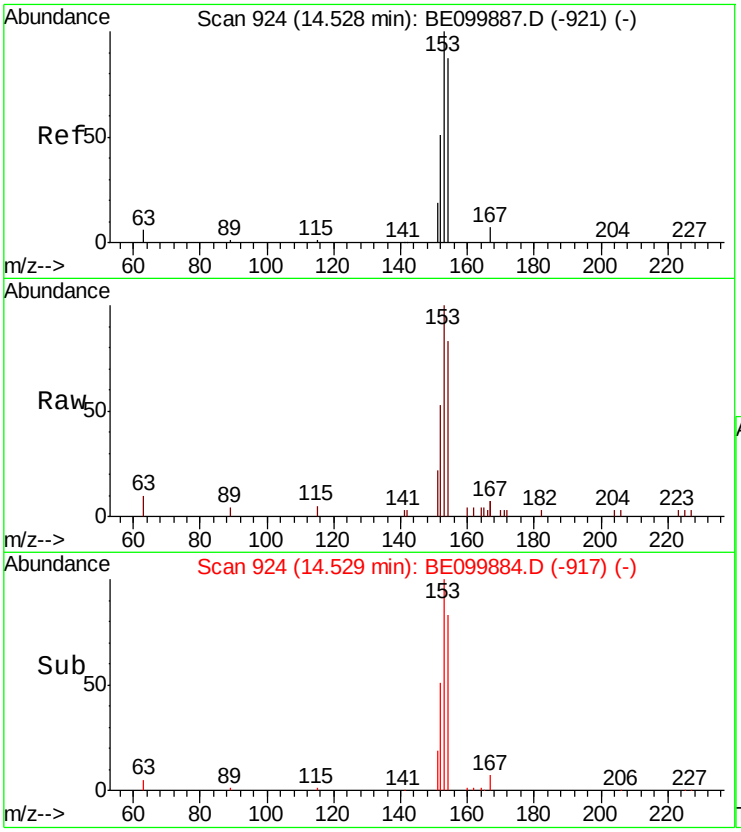


#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:152 Resp: 3491

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.3	10.2	15.2



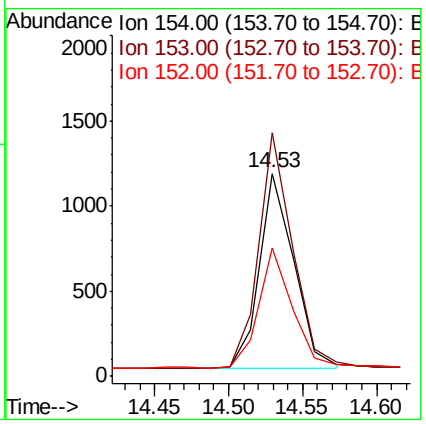


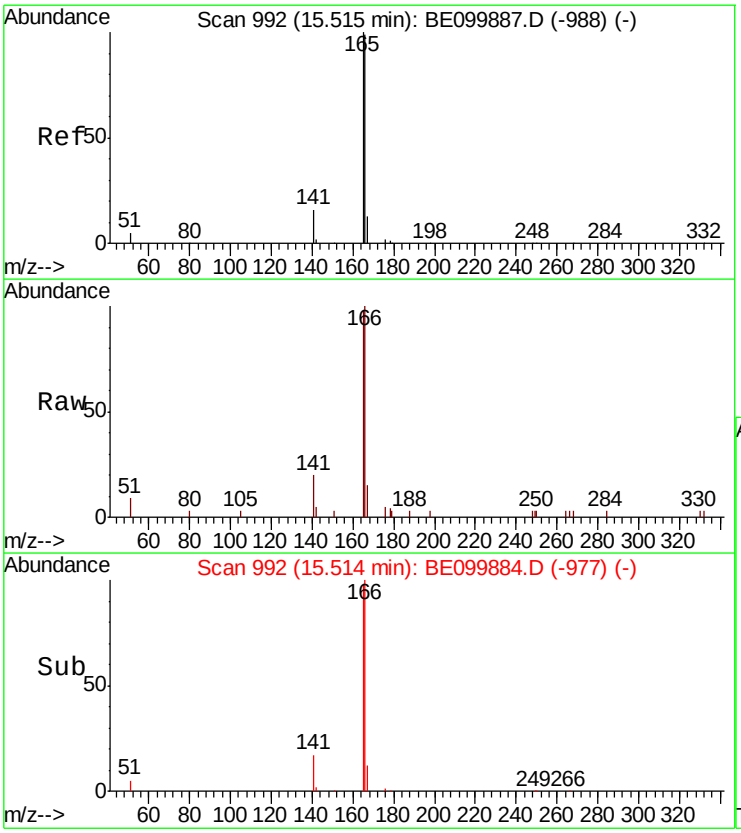
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1836

Ion	Ratio	Lower	Upper
154	100		
153	119.2	93.1	139.7
152	59.2	47.0	70.4

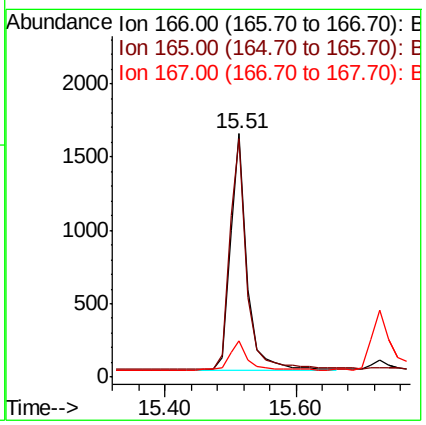


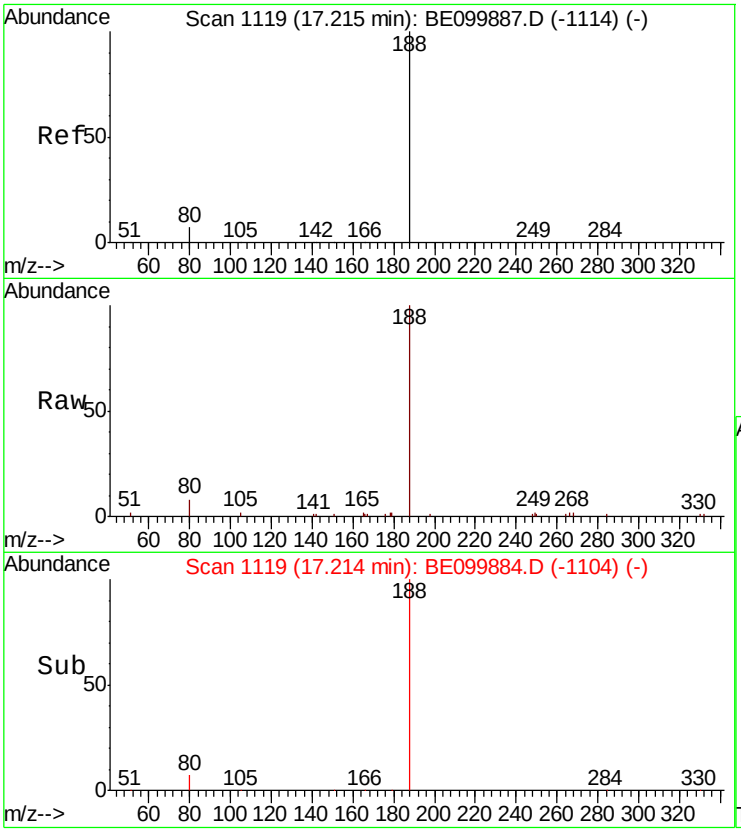


#18
Fluorene
Concen: 0.400 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:166 Resp: 2884

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.8	122.8
167	12.8	11.2	16.8



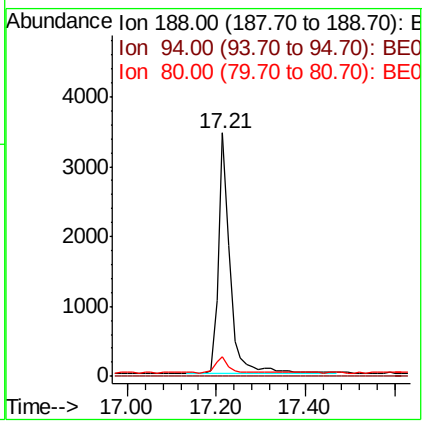


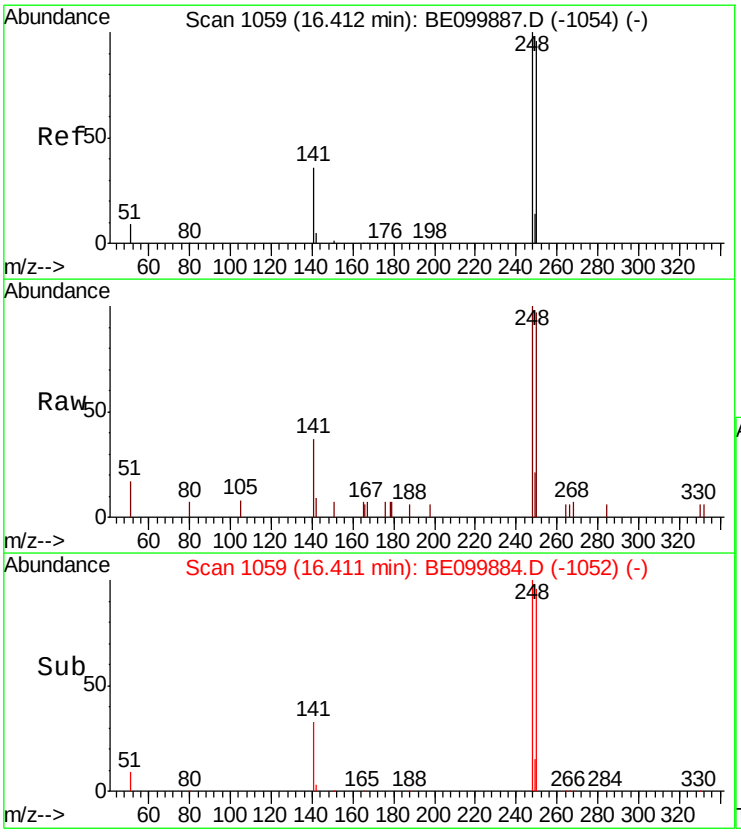
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6119

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.4	9.6

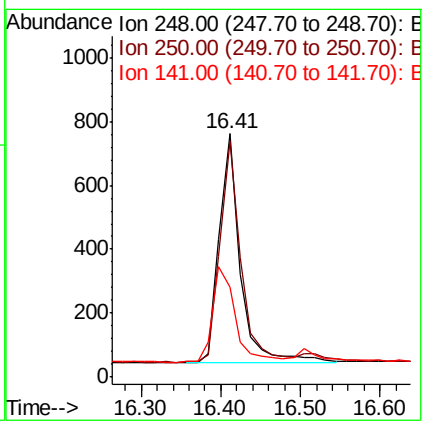


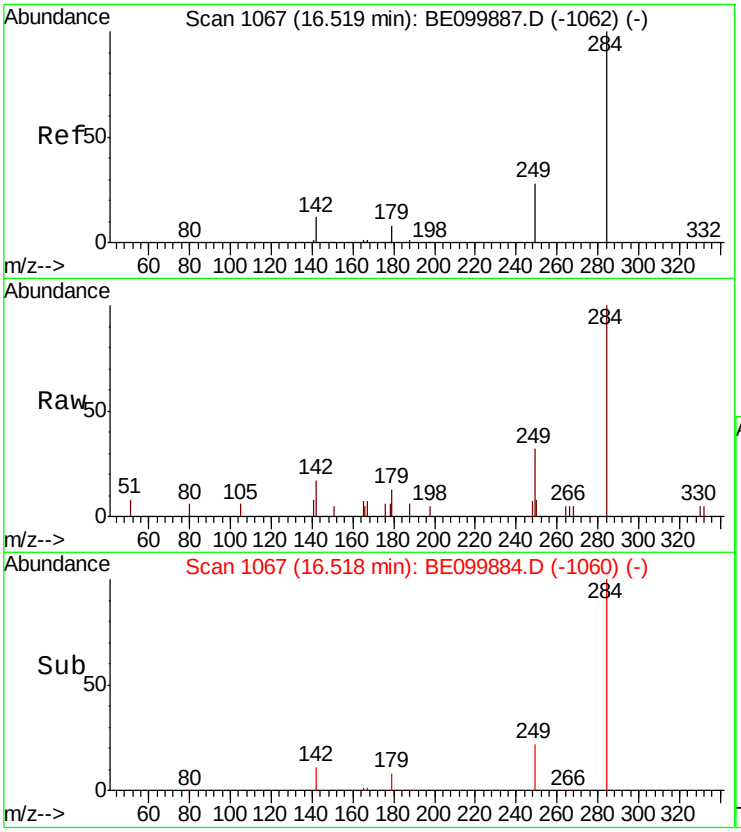


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:248 Resp: 1330

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.5	116.3
141	37.1	31.8	47.8



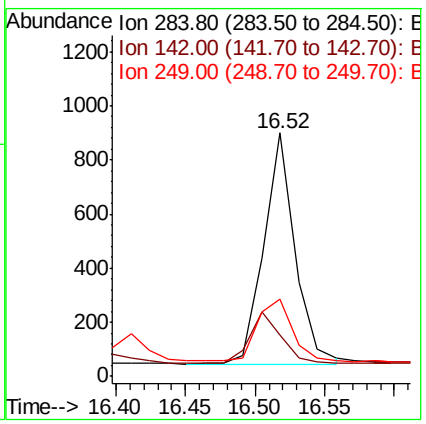


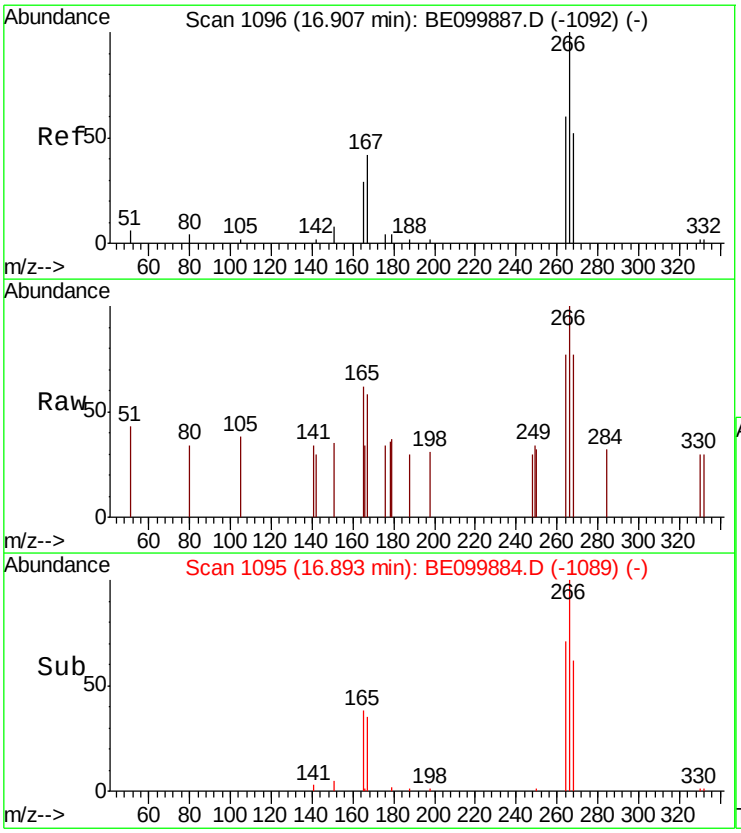
#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1333

Ion	Ratio	Lower	Upper
284	100		
142	22.2	18.2	27.4
249	29.4	24.6	37.0

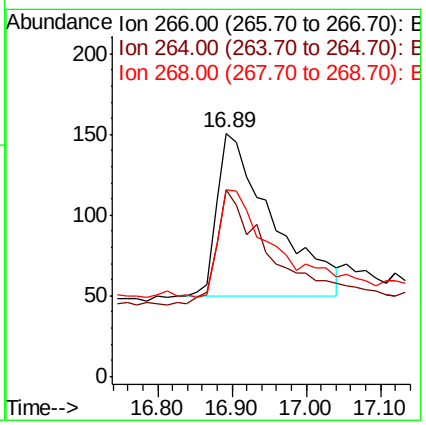


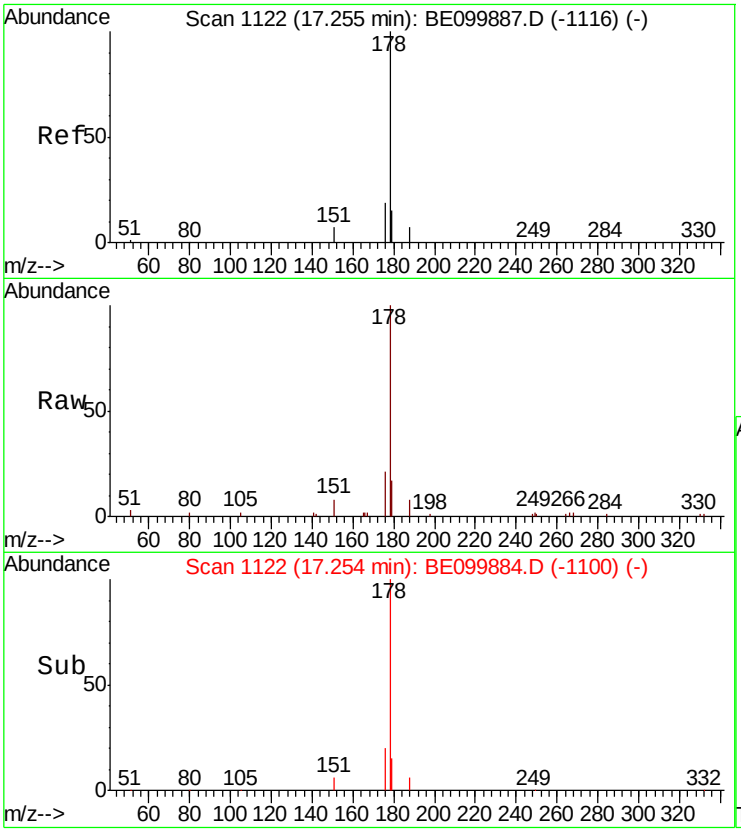


#22
Pentachlorophenol
Concen: 0.607 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:266 Resp: 524

Ion	Ratio	Lower	Upper
266	100		
264	76.8	62.2	93.2
268	76.8	65.5	98.3



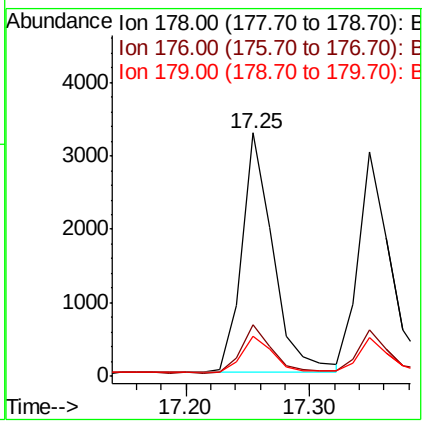


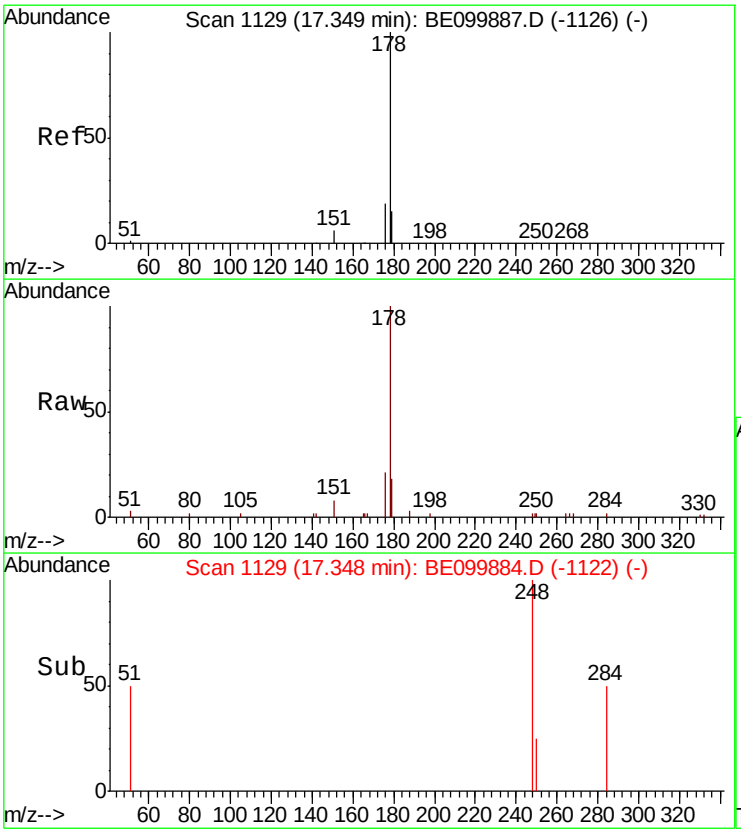
#23
Phenanthrene
Concen: 0.386 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5725

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	12.4	18.6

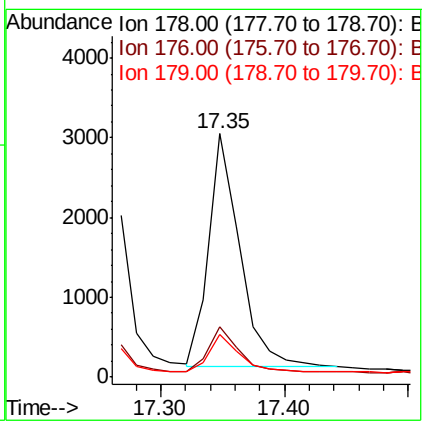


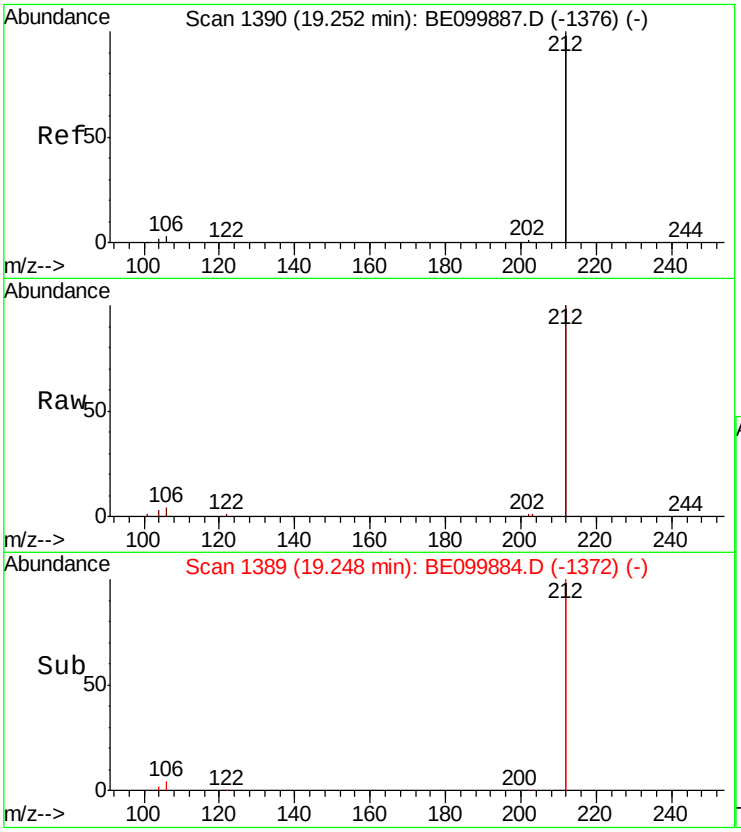


#24
Anthracene
Concen: 0.377 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:178 Resp: 5137

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	16.0	12.3	18.5



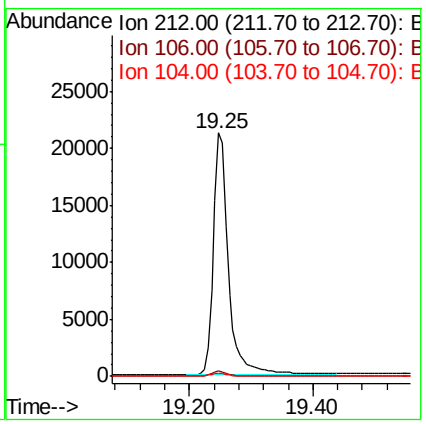


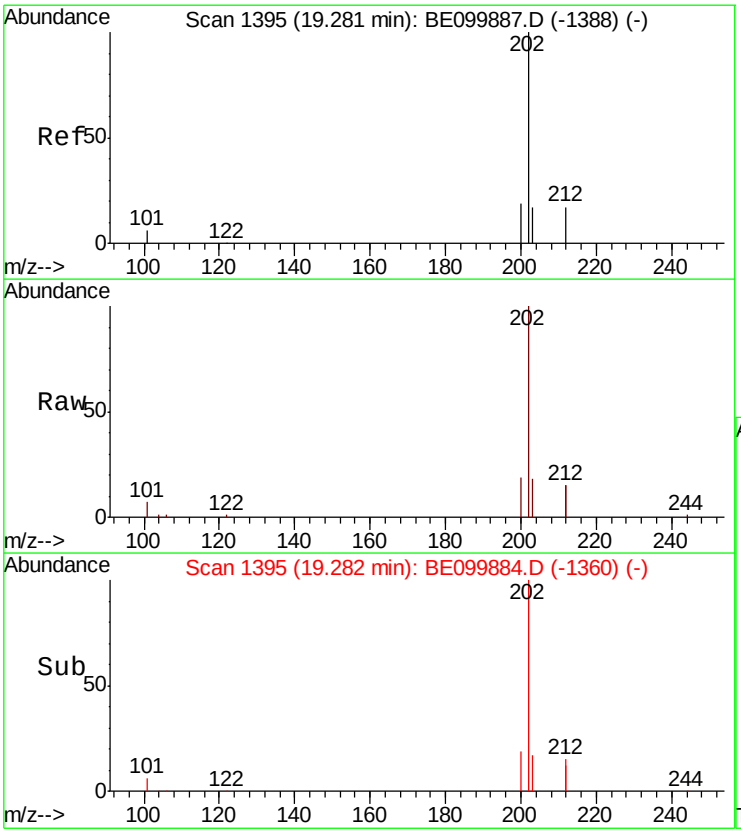
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 35177

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

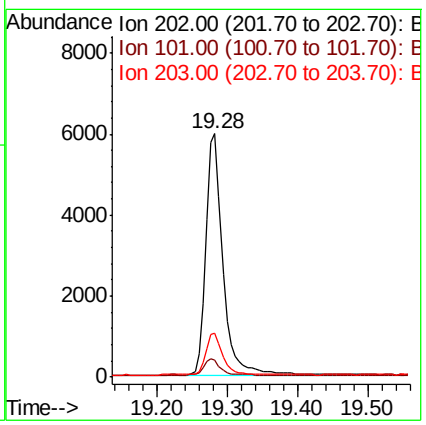


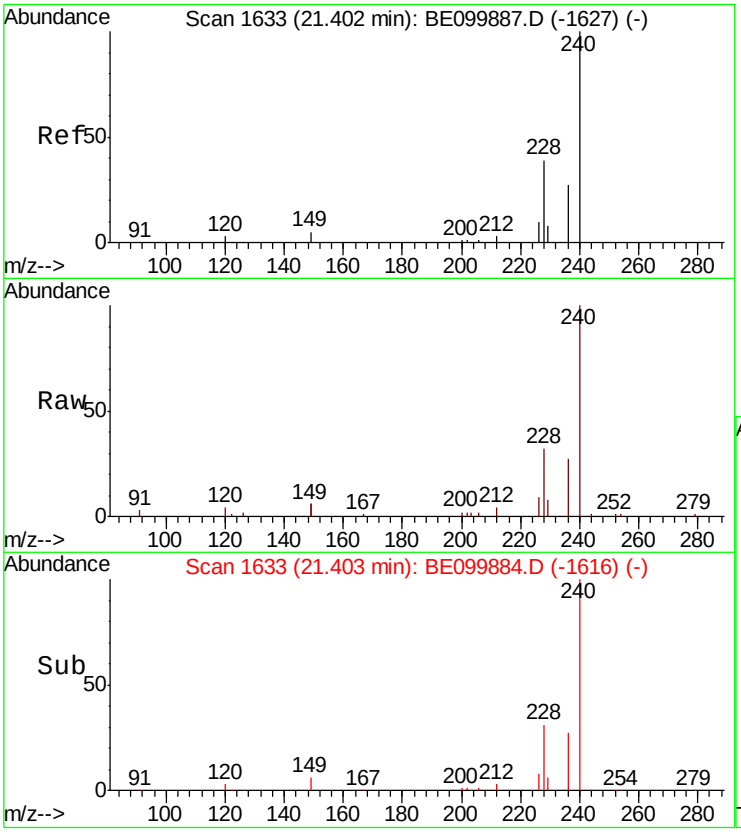


#26
Fluoranthene
Concen: 0.400 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:202 Resp: 10105

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.4	8.0
203	17.0	13.2	19.8



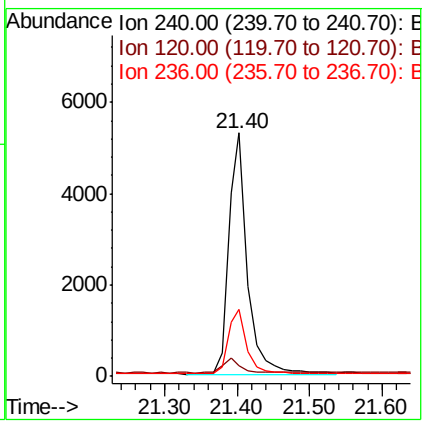


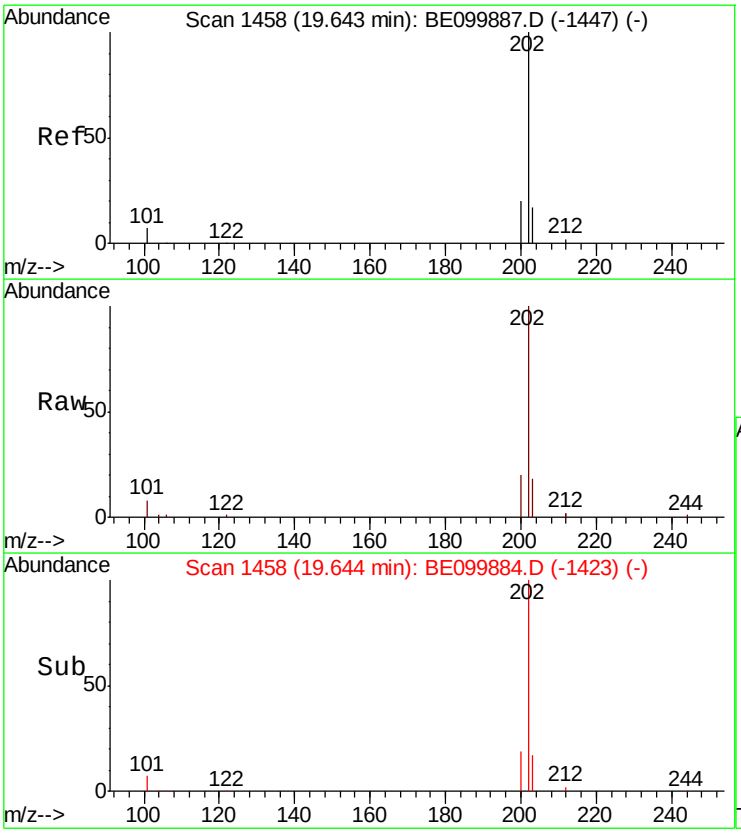
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 9532

Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.8	5.6
236	27.3	22.0	33.0

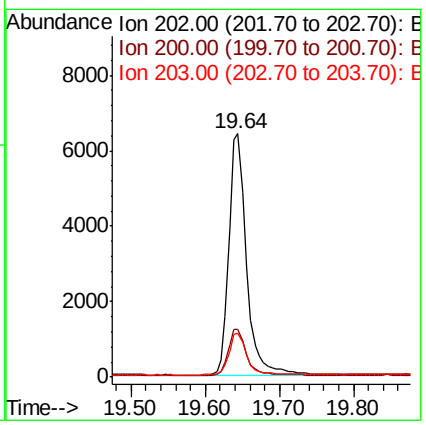


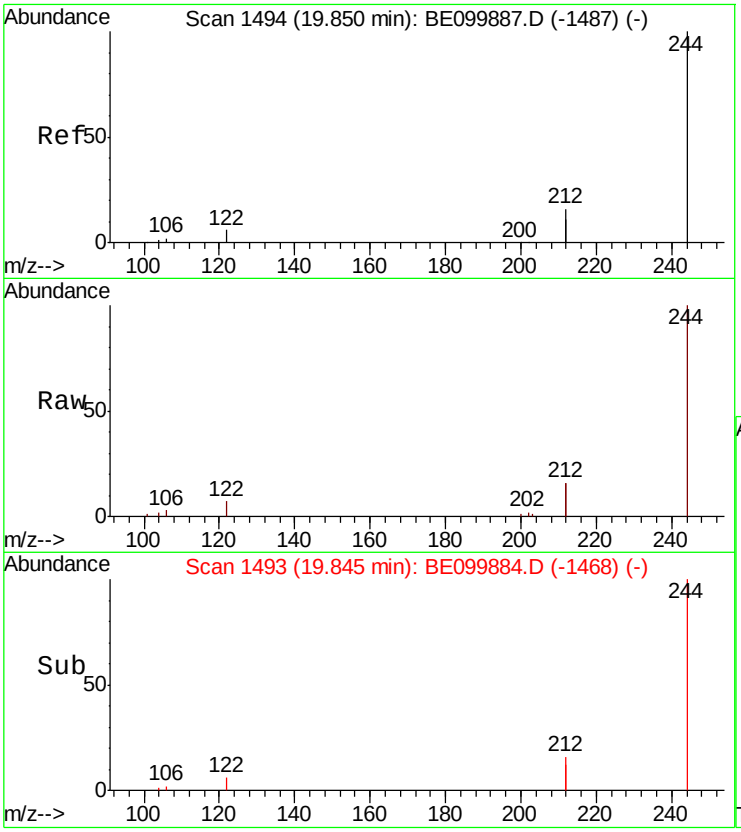


#28
Pyrene
Concen: 0.422 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:202 Resp: 10558

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.5	14.0	21.0



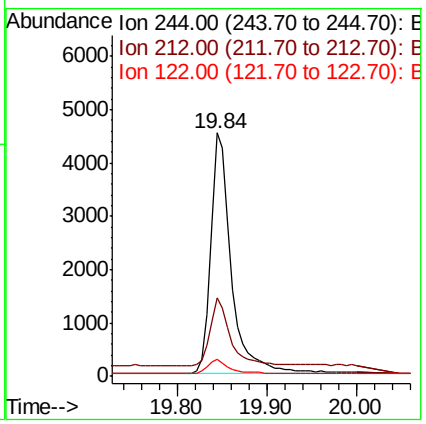


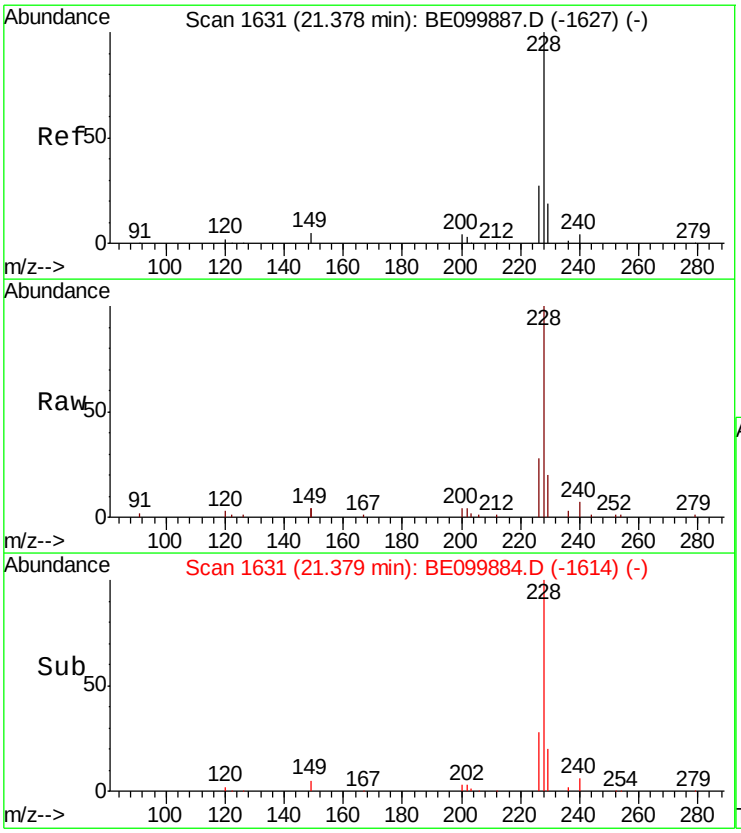
#29
Terphenyl-d14
Concen: 0.422 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7247

Ion	Ratio	Lower	Upper
244	100		
212	32.2	25.7	38.5
122	7.0	5.5	8.3

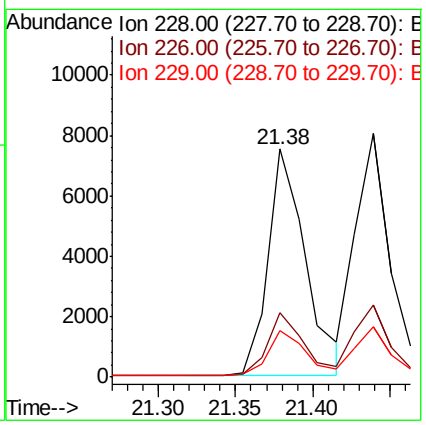


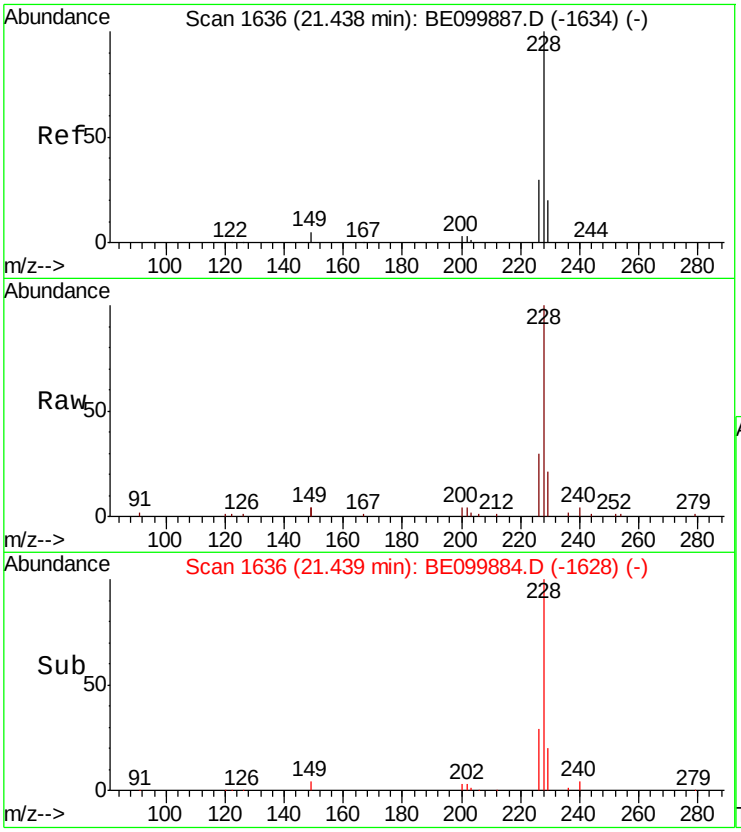


#30
Benzo(a)anthracene
Concen: 0.446 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:228 Resp: 12699

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.5	15.9	23.9



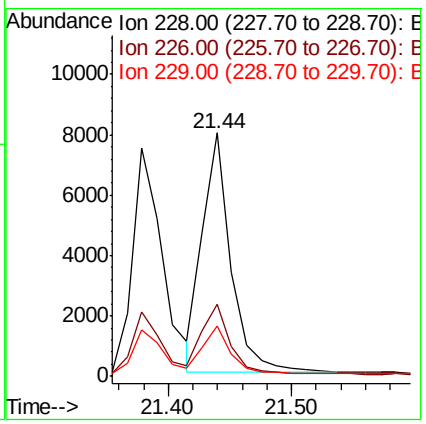


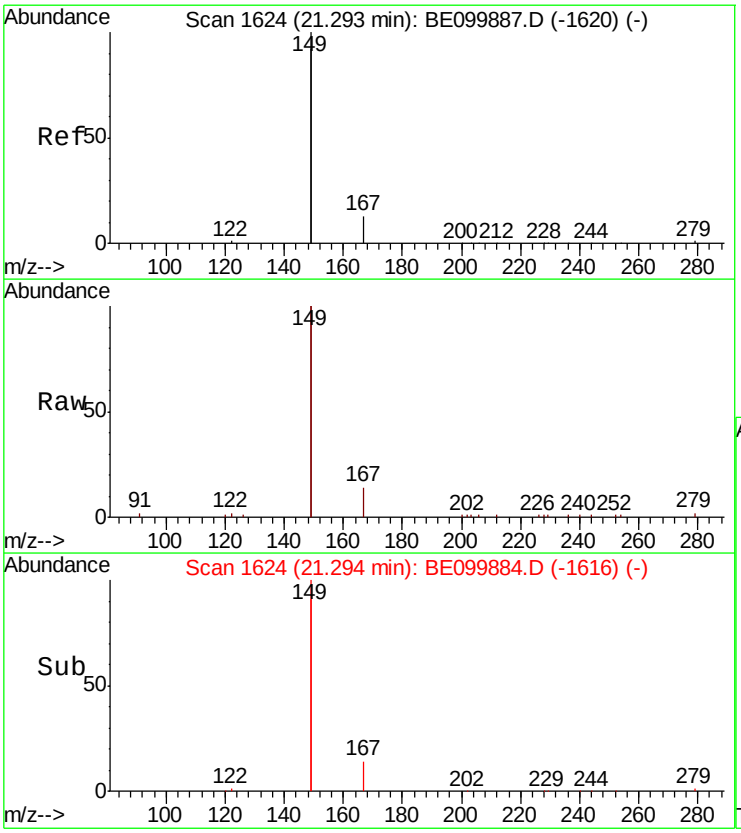
#31
Chrysene
Concen: 0.428 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 12600

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	20.7	16.1	24.1

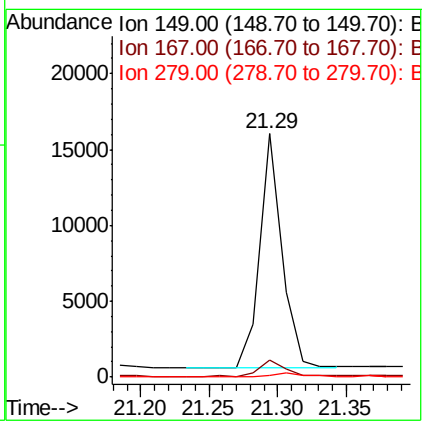


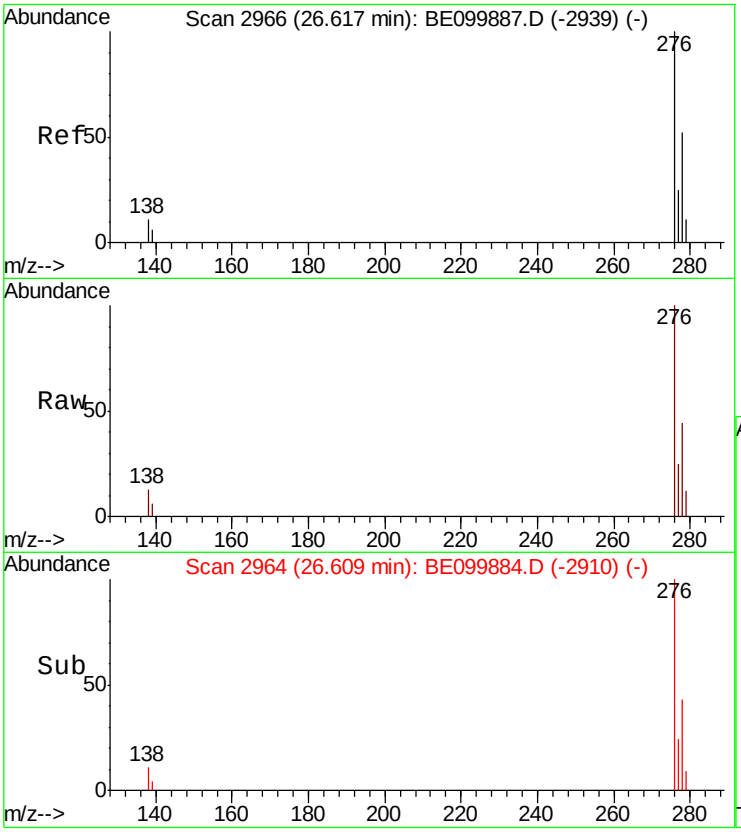


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.428 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:149 Resp: 17483

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.5	1.2	1.8



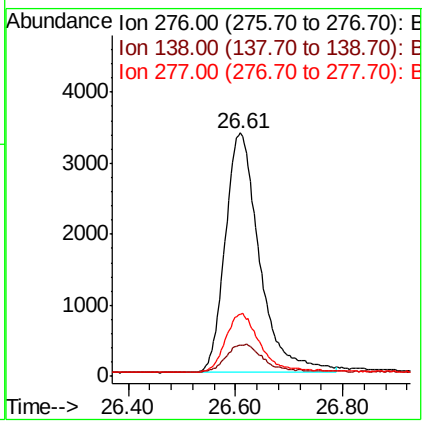


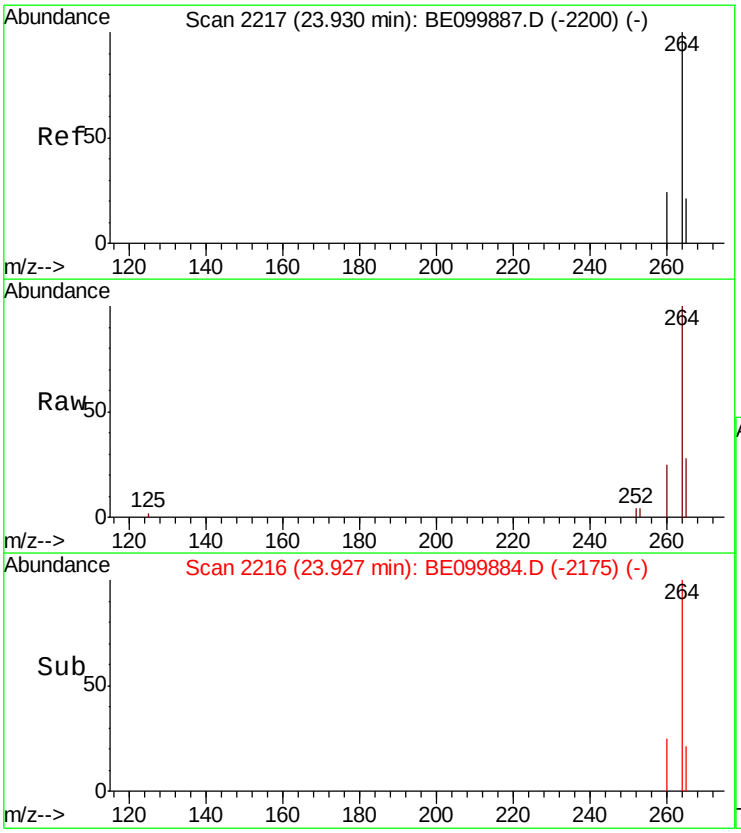
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng
RT: 26.61 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 15054

Ion	Ratio	Lower	Upper
276	100		
138	5.7	10.1	15.1#
277	24.3	19.1	28.7

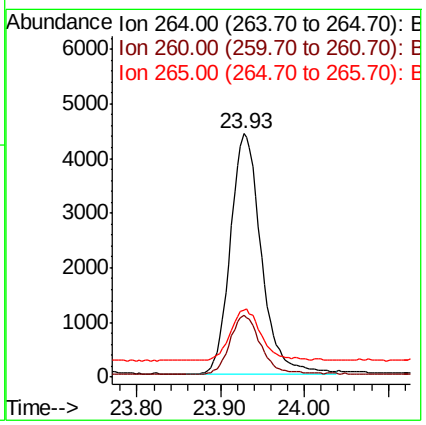


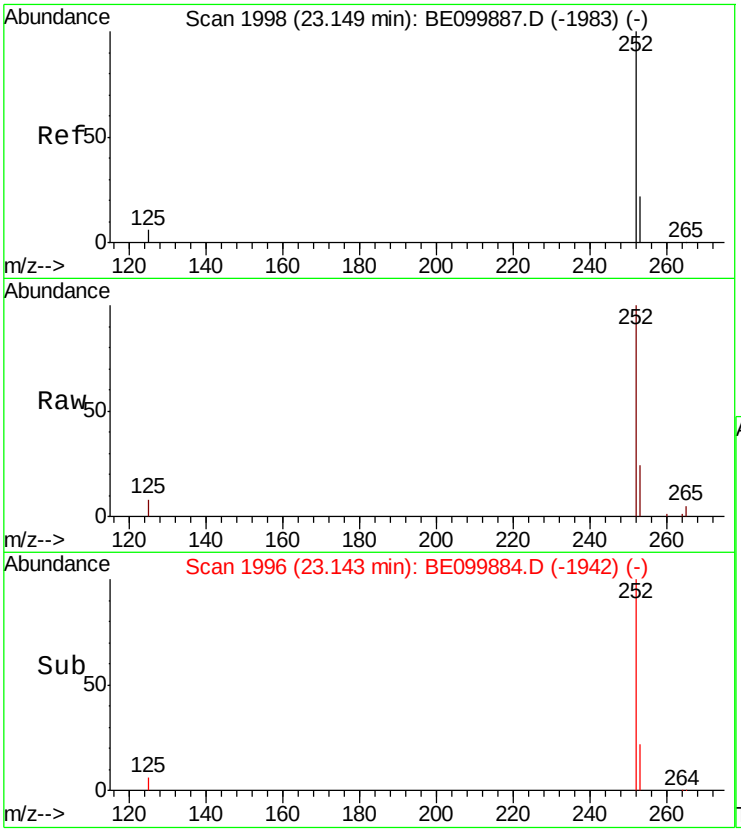


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:264 Resp: 11254

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	27.6	22.0	33.0



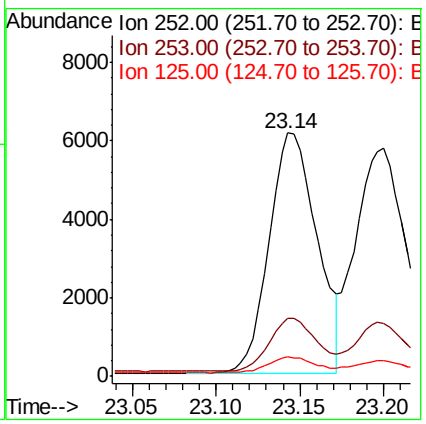


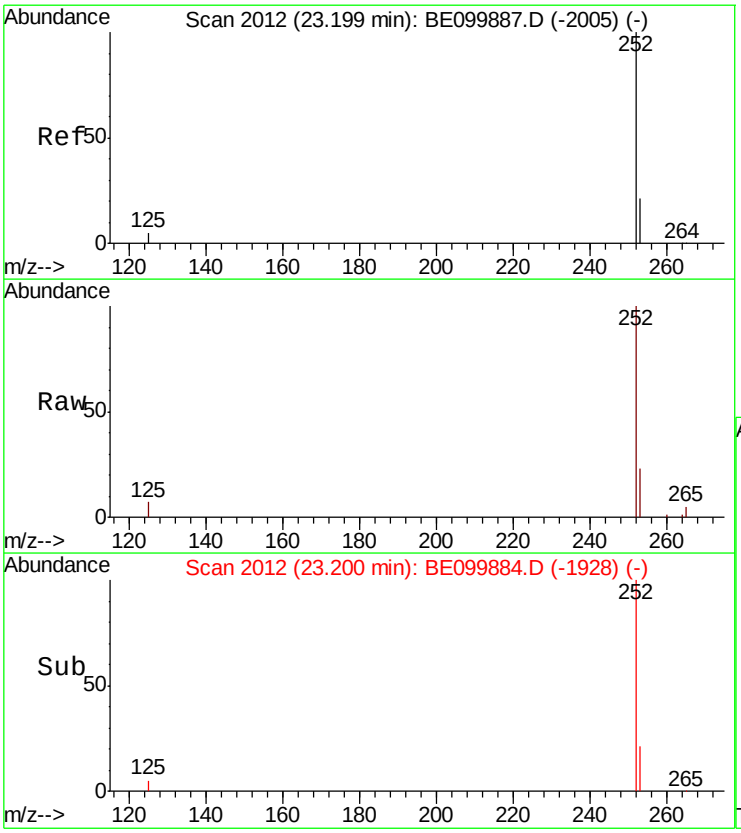
#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12250

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	7.9	5.7	8.5

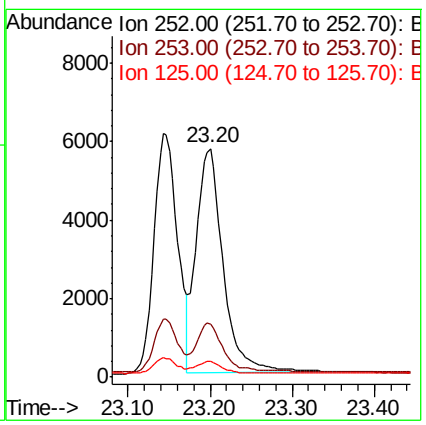


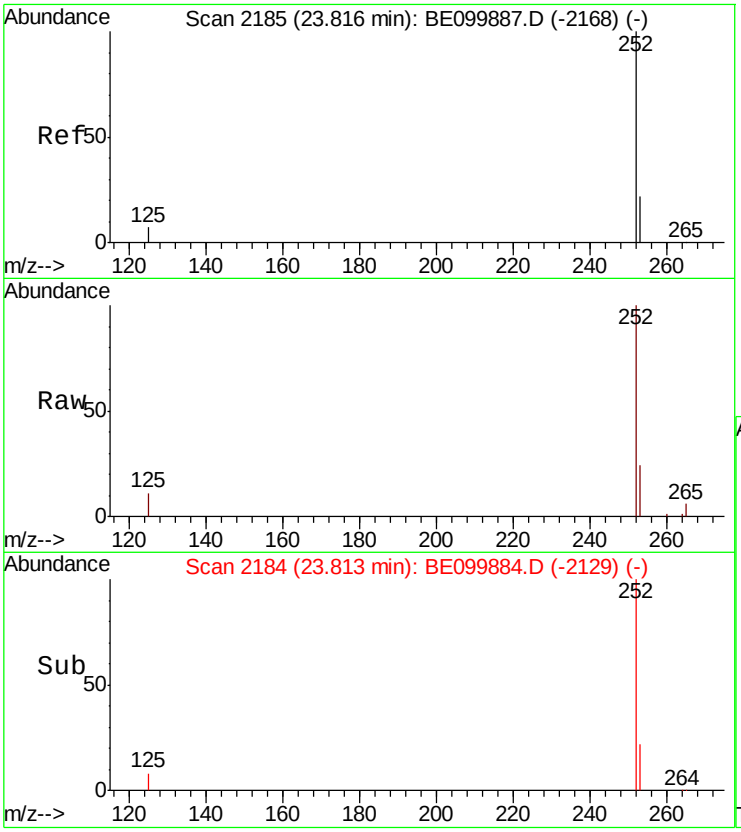


#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.20 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:252 Resp: 13038

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	6.7	5.4	8.0



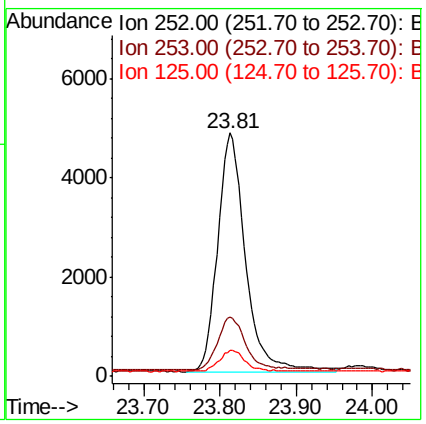


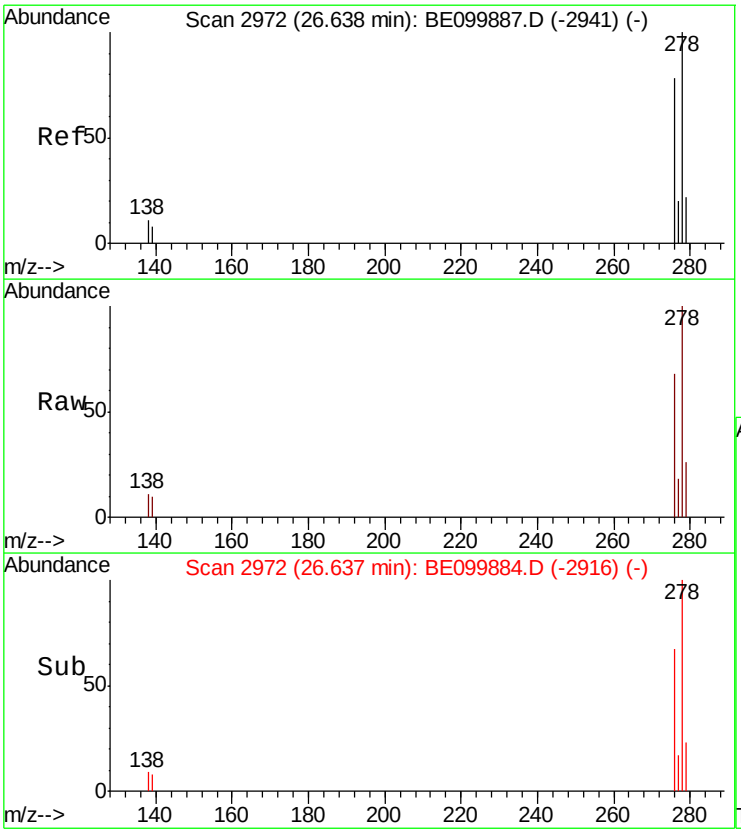
#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12181

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.6	29.4
125	10.6	6.6	10.0#

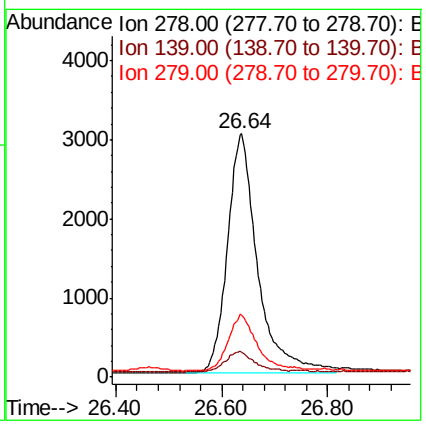


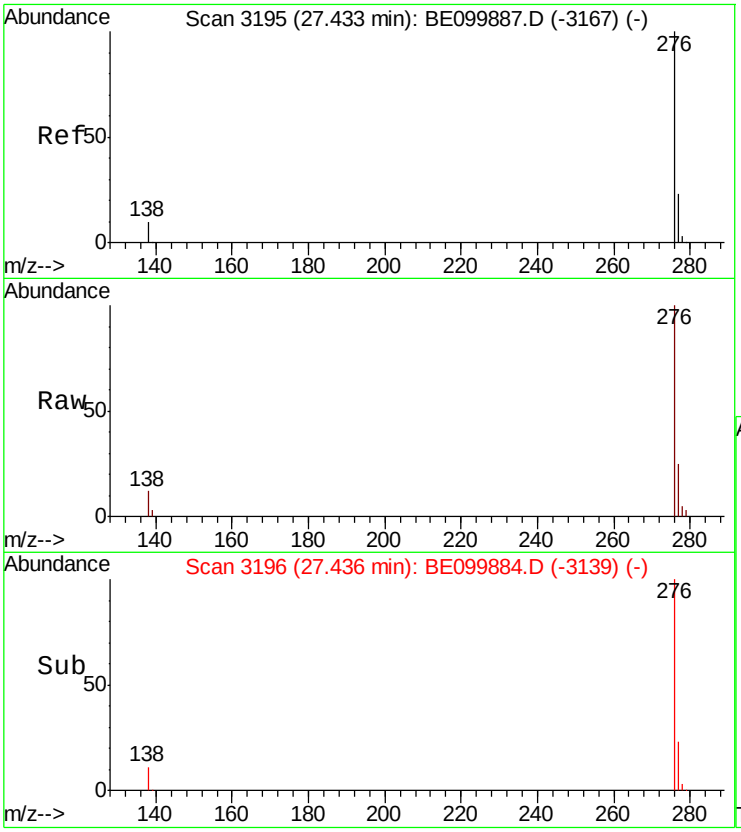


#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 26.64 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Tgt Ion:278 Resp: 12045

Ion	Ratio	Lower	Upper
278	100		
139	10.1	7.8	11.8
279	25.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.44 min Scan# 3196
Delta R.T. 0.00 min
Lab File: BE099884.D
Acq: 10 Jun 2019 9:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12616

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	12.4	9.5	14.3