Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060319\

Quantitation Report (Not Reviewed)

Data File : BE099784.D
Acq On : 3 Jun 2019 13:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 04 03:07:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1408	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	4978	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	3630	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	11828	0.40	ng		0.00
27) Chrysene-d12	21.41	240	18194	0.40	ng		0.00
34) Perylene-d12	23.94	264	19959	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1324	0.37	ng		0.00
5) Phenol-d6	6.97	99	1805	0.38	ng		0.00
8) Nitrobenzene-d5	8.96	82	1673	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3493	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.98	330	811	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	5488	0.40	ng		0.00
25) Fluoranthene-d10	19.26	212	65811	0.41	ng		0.00
29) Terphenyl-d14	19.86	244	13112	0.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	815	0.391	ng	#	95
3) n-Nitrosodimethylamine	3.61	42	408	0.355	ng	#	72
6) bis(2-Chloroethyl)ether	7.23	93	1551	0.370	ng		100
9) Naphthalene	10.65	128	21551	0.405	ng		100
10) Hexachlorobutadiene	10.94	225	1581	0.403	ng		99
12) 2-Methylnaphthalene	12.28	142	3532	0.407	ng		96
16) Acenaphthylene	14.20	152	7107	0.420	ng		100
17) Acenaphthene	14.54	154	3856	0.406	ng		96
18) Fluorene	15.51	166	5822	0.416	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	2652	0.389	ng	#	85
21) Hexachlorobenzene	16.52	284	2905	0.416	ng		99
22) Pentachlorophenol	16.91	266	372	0.355	ng		94
23) Phenanthrene	17.27	178	11568	0.400	ng		100
24) Anthracene	17.36	178	9945	0.379	ng		99
26) Fluoranthene	19.29	202	18615	0.407	ng		99
28) Pyrene	19.65	202	19208	0.420	ng		100
30) Benzo(a)anthracene	21.39	228	21622	0.418	ng		98
31) Chrysene	21.45	228	21637	0.391	ng		98
32) Bis(2-ethylhexyl)phthalate	21.31	149	21224	0.356	ng		100
33) Indeno(1,2,3-cd)pyrene	26.63	276	26949	0.404	ng		98
35) Benzo(b)fluoranthene	23.21	252	22716	0.415	ng		100
36) Benzo(k)fluoranthene	23.21	252	22938	0.402	ng		99
37) Benzo(a)pyrene	23.83	252	21475	0.408	ng	#	98
38) Dibenzo(a,h)anthracene	26.66	278	21933	0.397	ng		97
39) Benzo(g,h,i)perylene	27.47	276	22606	0.405	ng		98

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

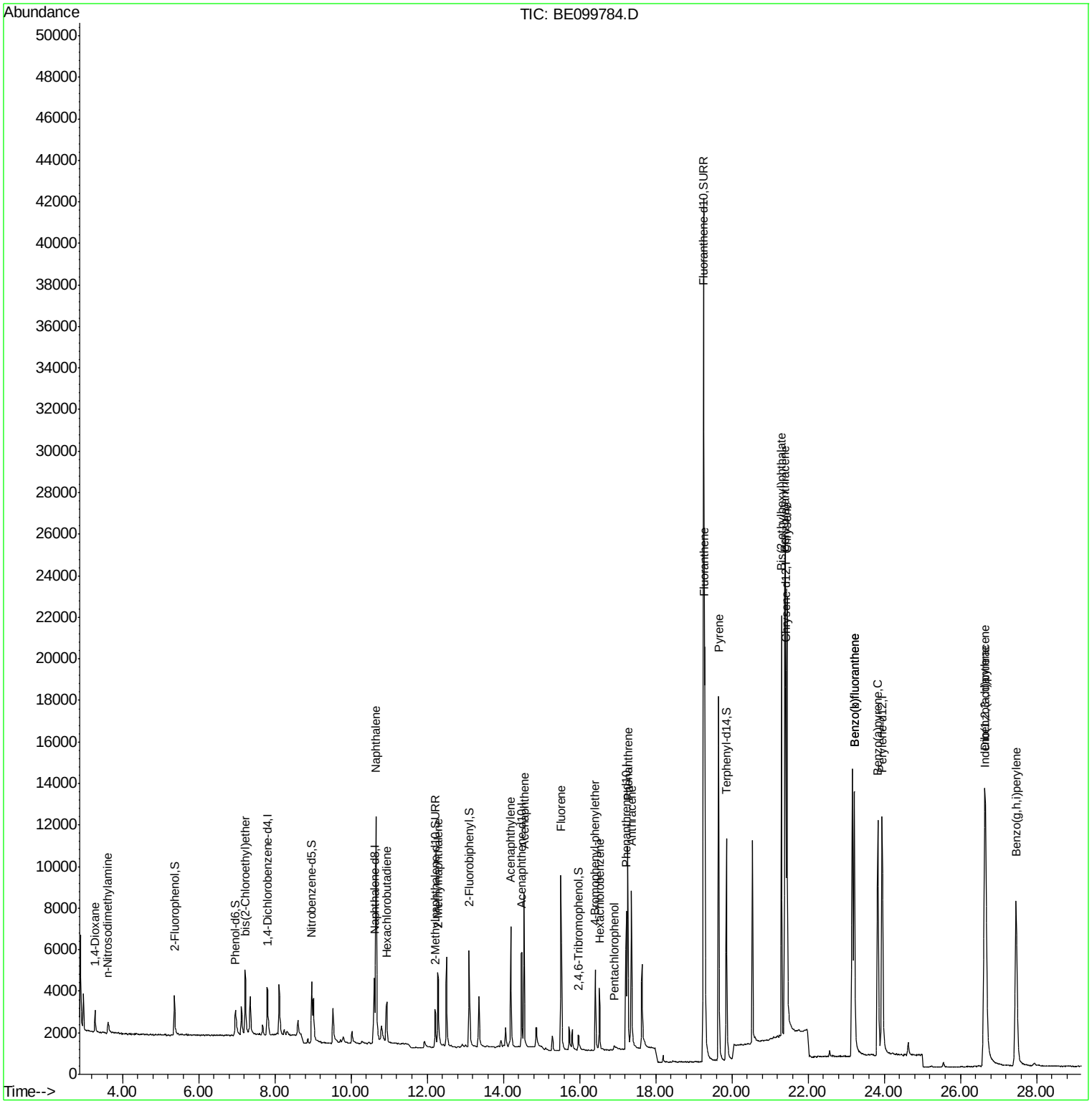
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060319\

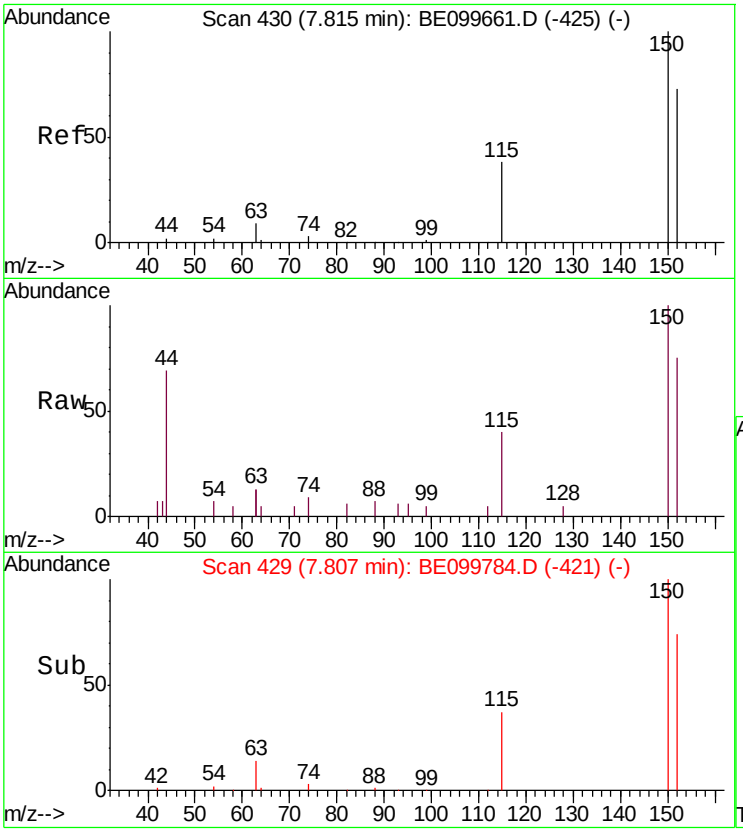
Quantitation Report (Not Reviewed)

Data File : BE099784.D
Acq On : 3 Jun 2019 13:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 04 03:07:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



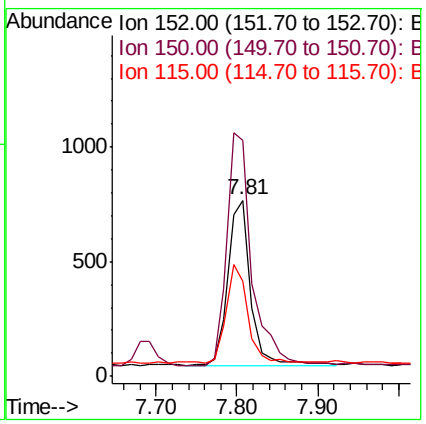


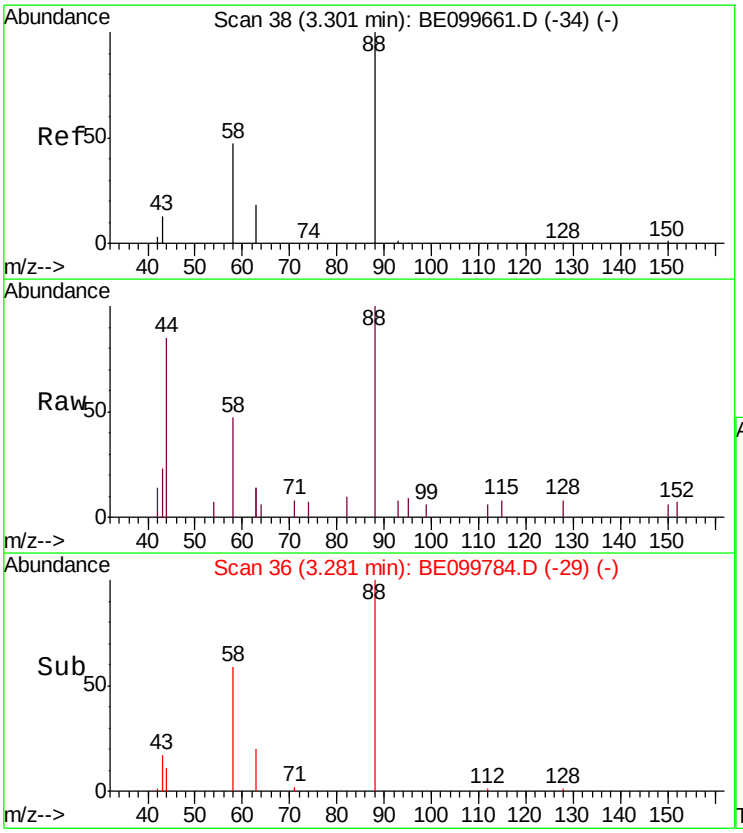
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1408

Ion	Ratio	Lower	Upper
152	100		
150	133.6	109.2	163.8
115	53.7	43.7	65.5

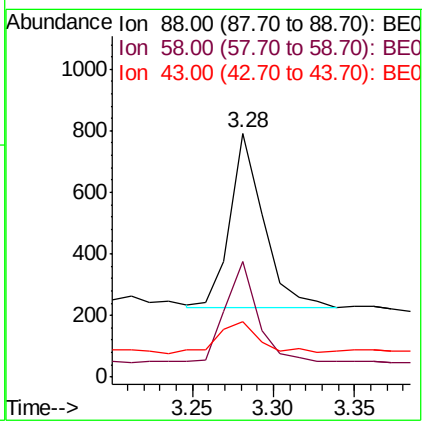


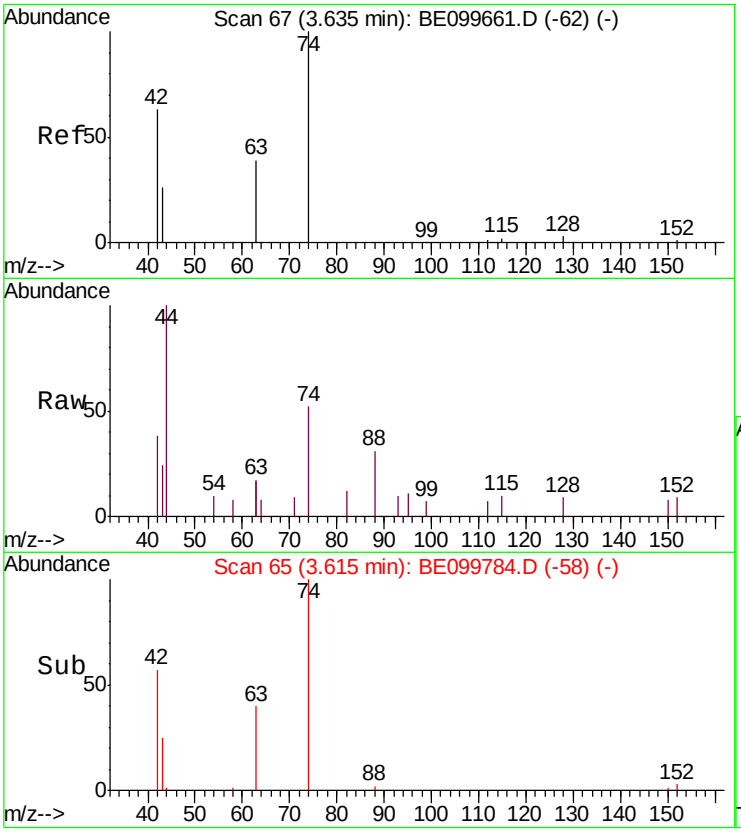


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.02 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 88 Resp: 815

Ion	Ratio	Lower	Upper
88	100		
58	55.0	41.8	62.8
43	22.9	15.0	22.4#



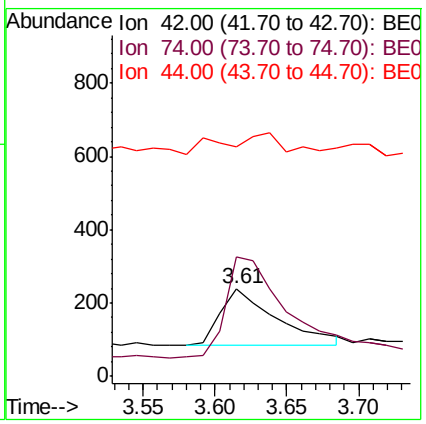


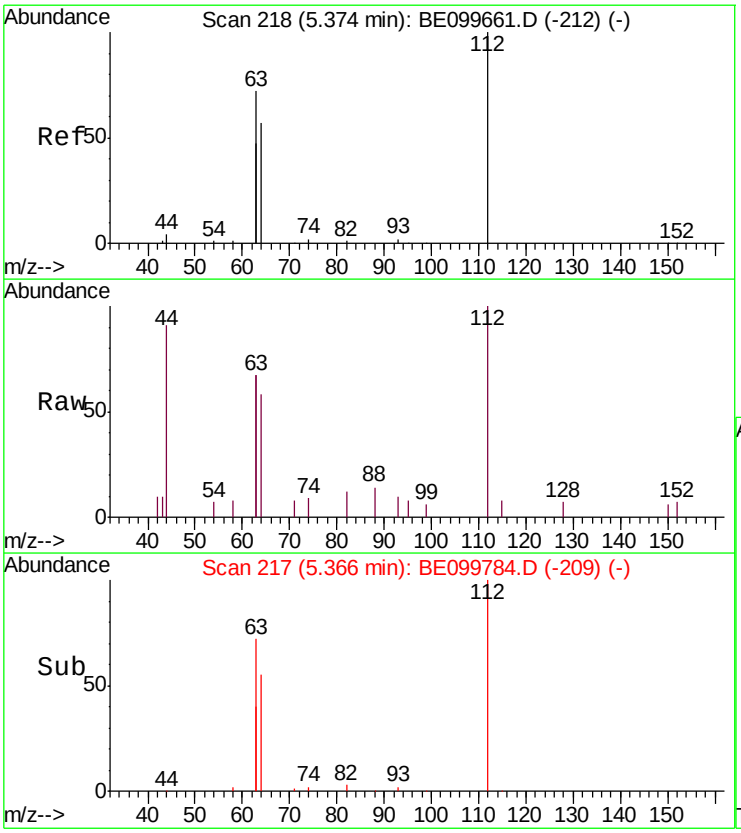
#3
n-Nitrosodimethylamine
Concen: 0.355 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 408

Ion	Ratio	Lower	Upper
42	100		
74	198.0	129.2	193.8#
44	0.0	0.0	0.0

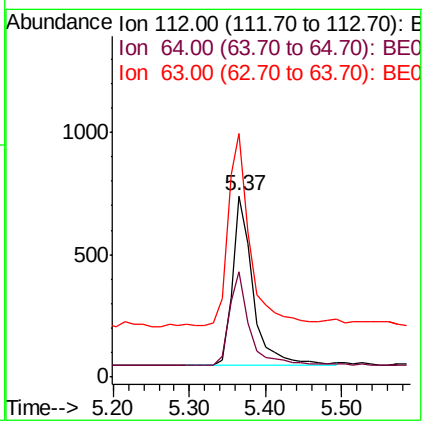


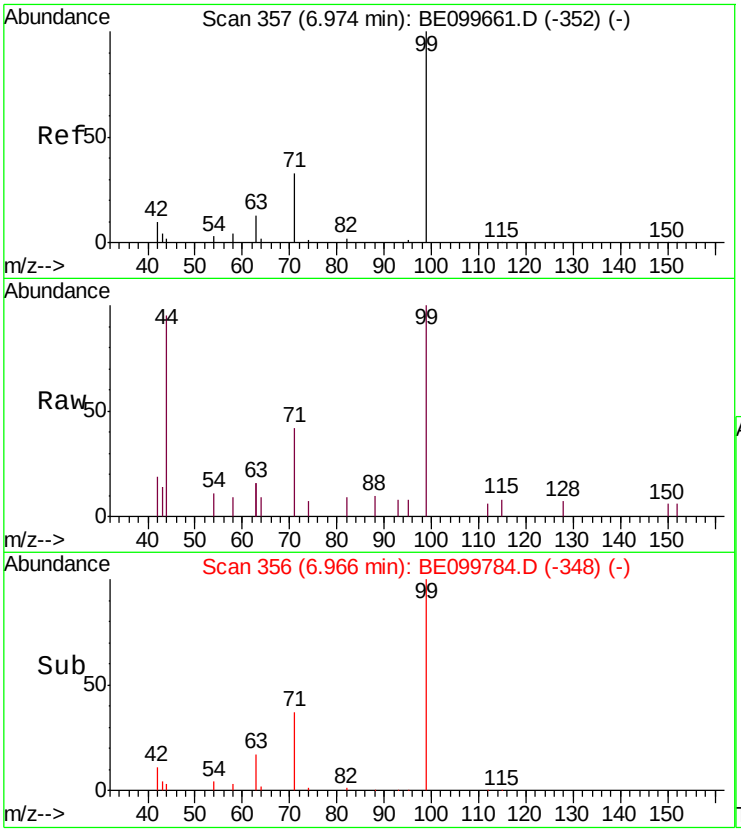


#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:112 Resp: 1324

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.4	65.2
63	118.9	96.9	145.3



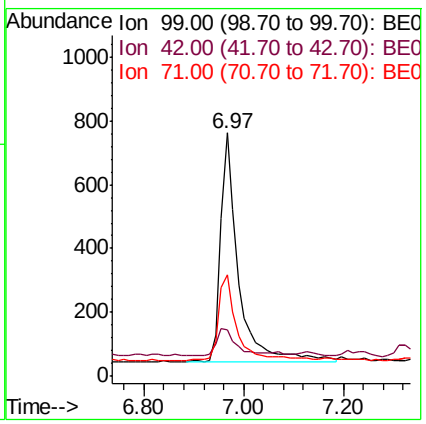


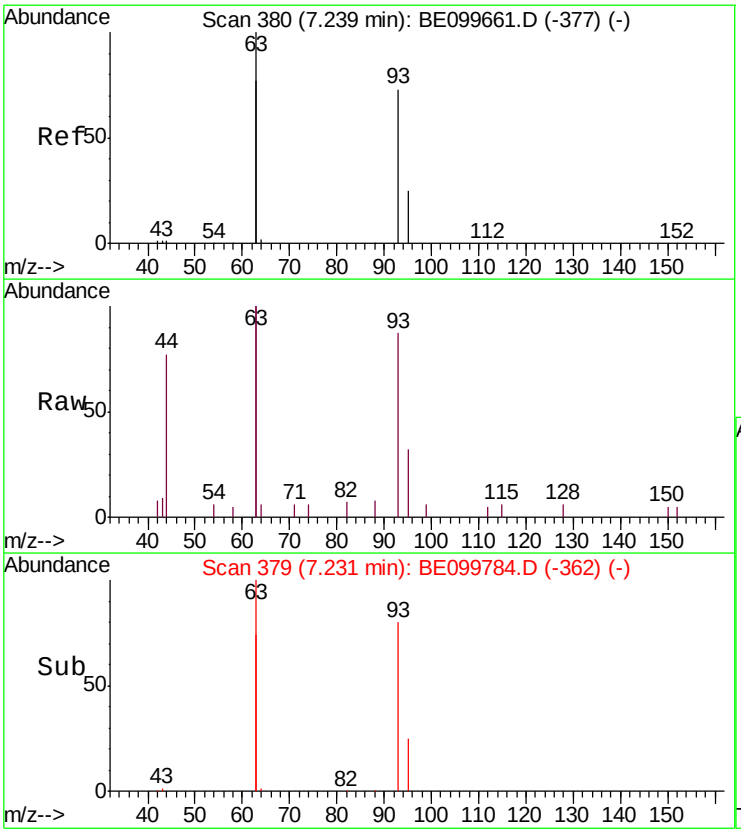
#5
Phenol-d6
Concen: 0.383 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1805

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.2
71	35.0	28.9	43.3

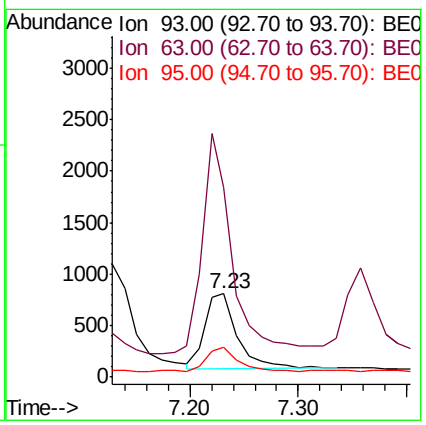


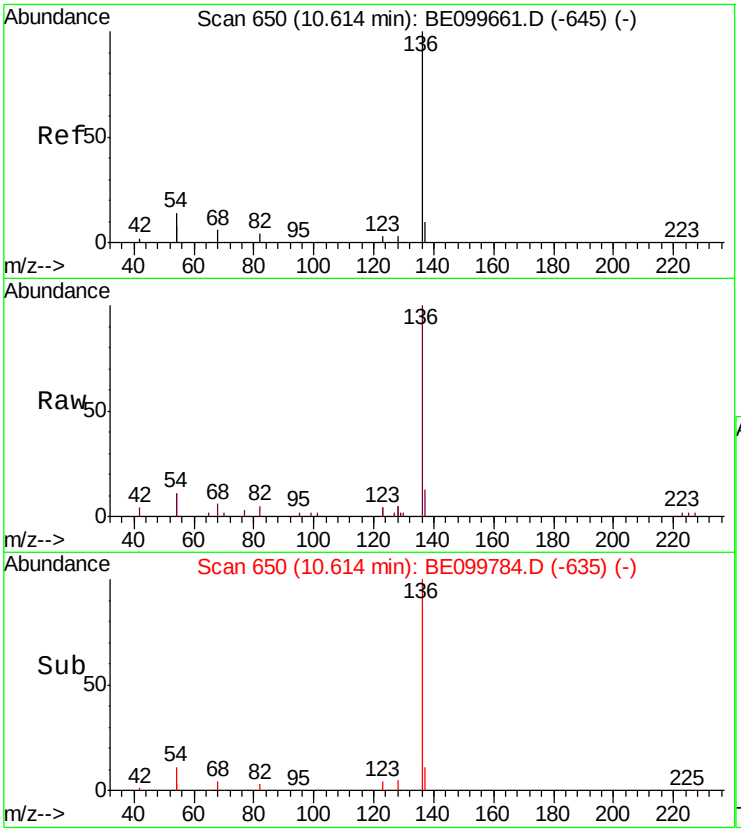


#6
bis(2-Chloroethyl)ether
Concen: 0.370 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 93 Resp: 1551

Ion	Ratio	Lower	Upper
93	100		
63	260.3	207.8	311.6
95	32.2	25.9	38.9



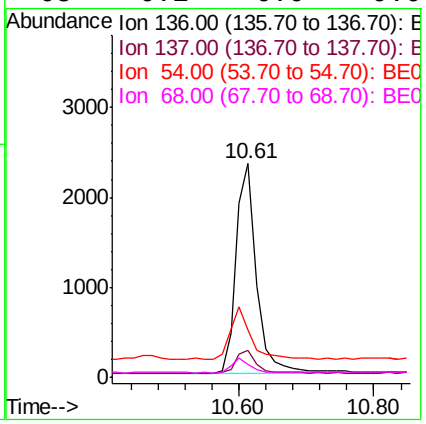


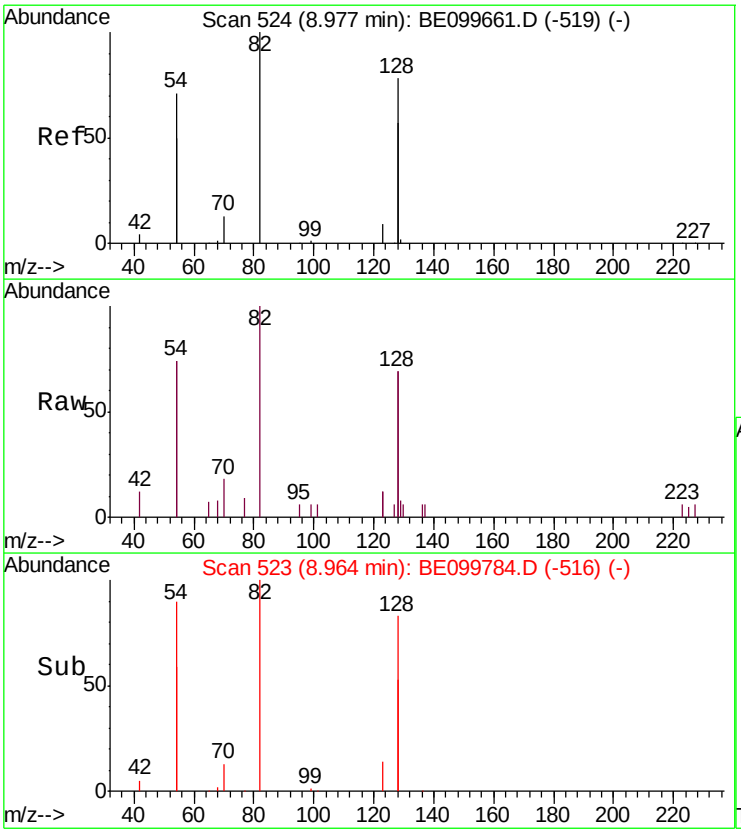
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4978

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.0	13.6
54	22.1	22.3	33.5#
68	6.1	6.0	9.0

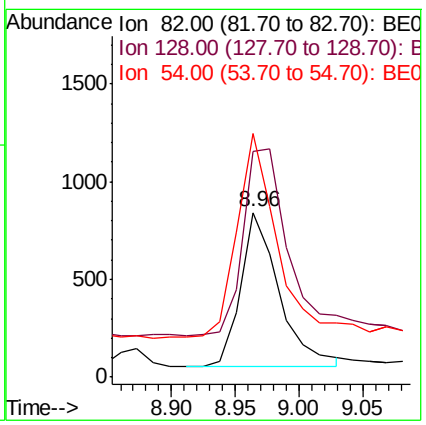


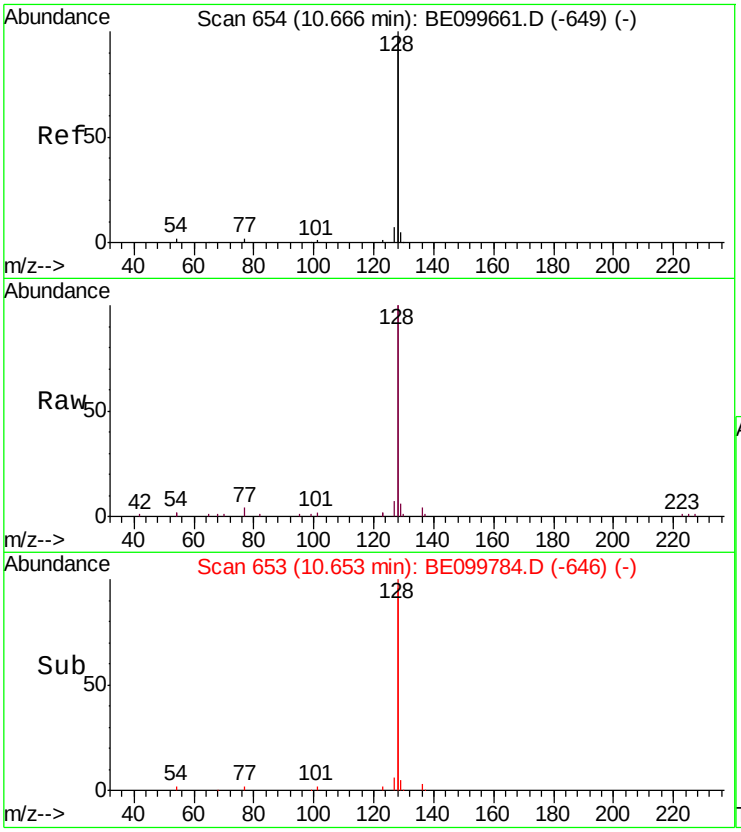


#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 82 Resp: 1673

Ion	Ratio	Lower	Upper
82	100		
128	137.5	117.7	176.5
54	148.0	106.6	160.0



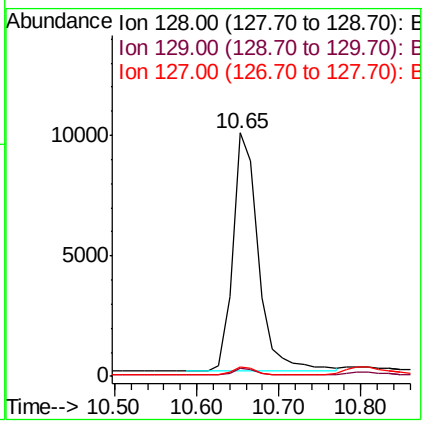


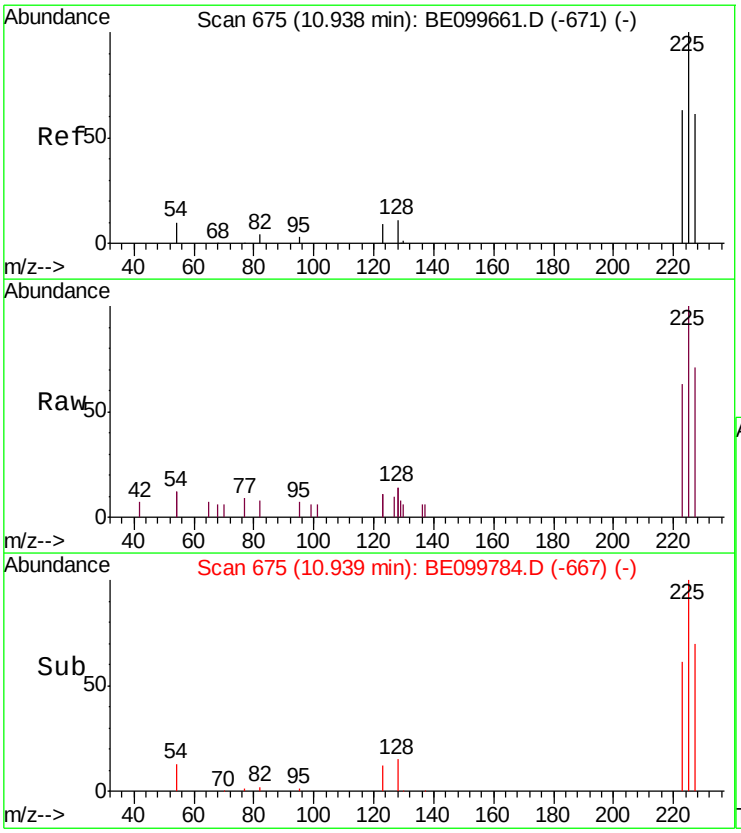
#9
Naphthalene
Concen: 0.405 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 21551

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.4	3.6
127	3.7	2.9	4.3

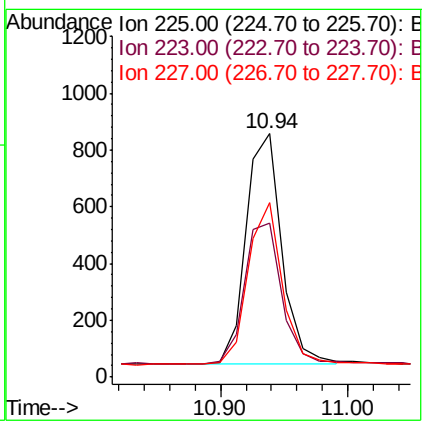


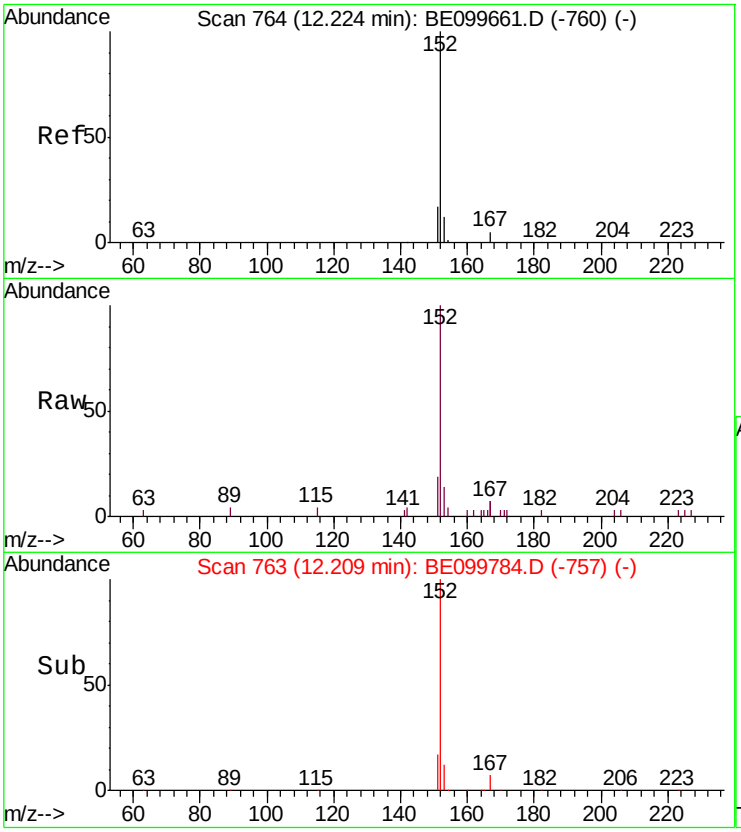


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:225 Resp: 1581

Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.8	77.6
227	65.7	52.6	79.0



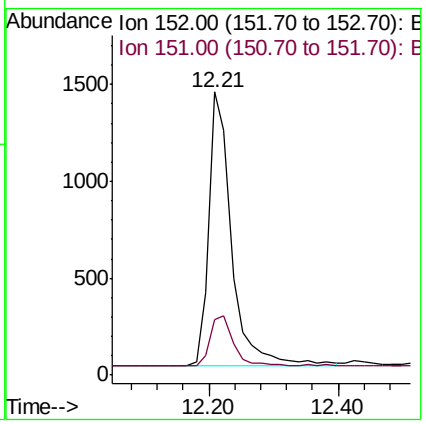


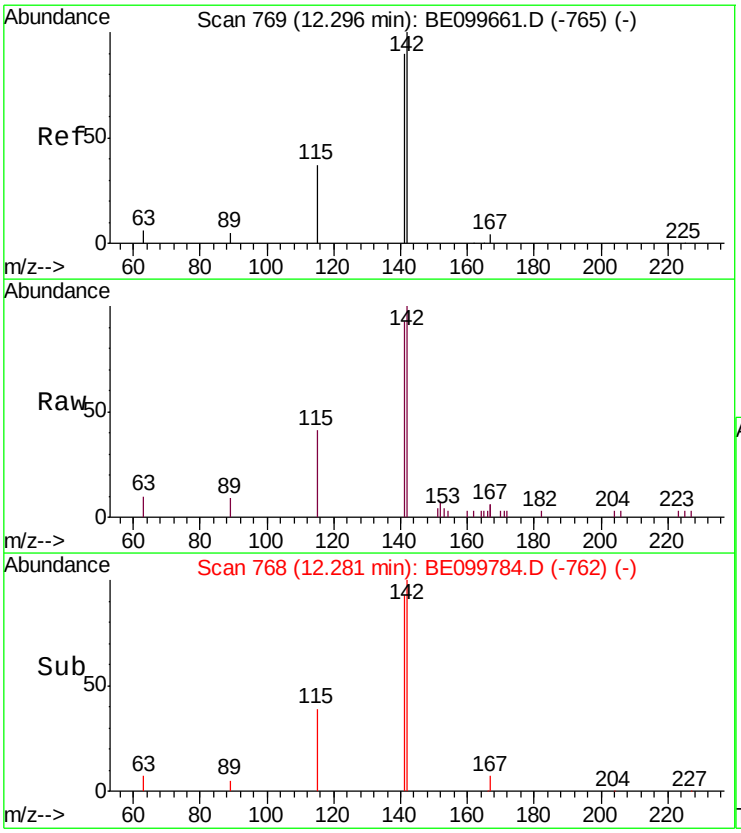
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3493

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.0	22.4

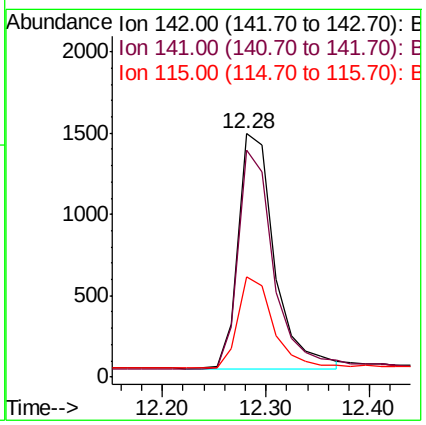


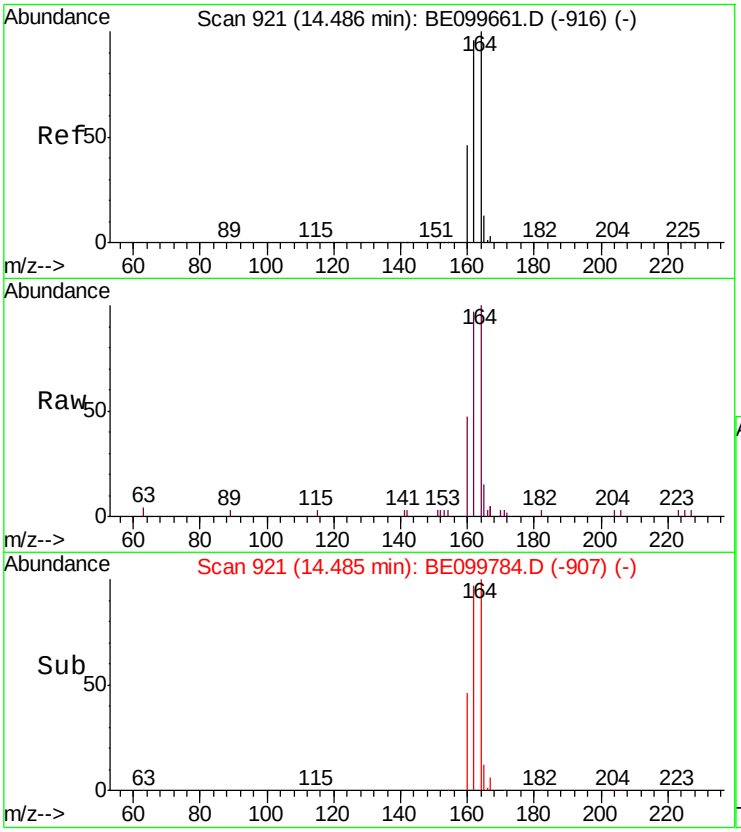


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:142 Resp: 3532

Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.0	108.0
115	41.2	31.0	46.4



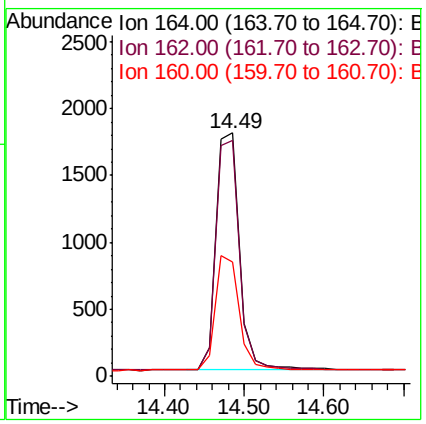


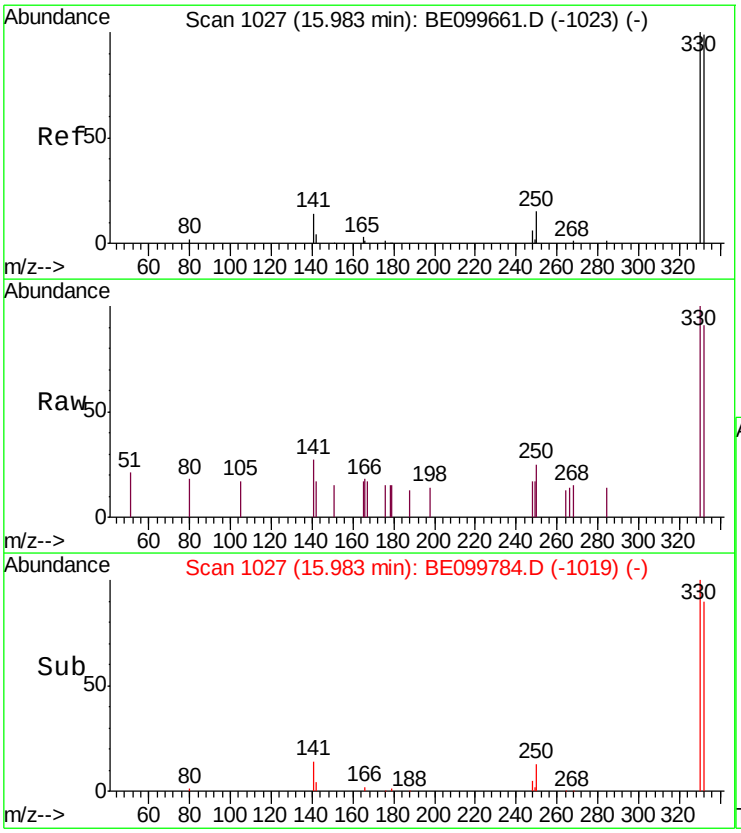
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3630

Ion	Ratio	Lower	Upper
164	100		
162	96.8	76.5	114.7
160	46.8	37.4	56.2

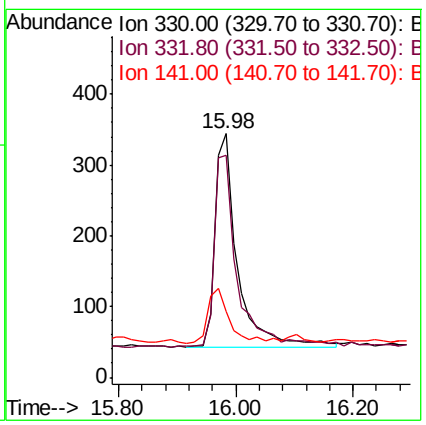


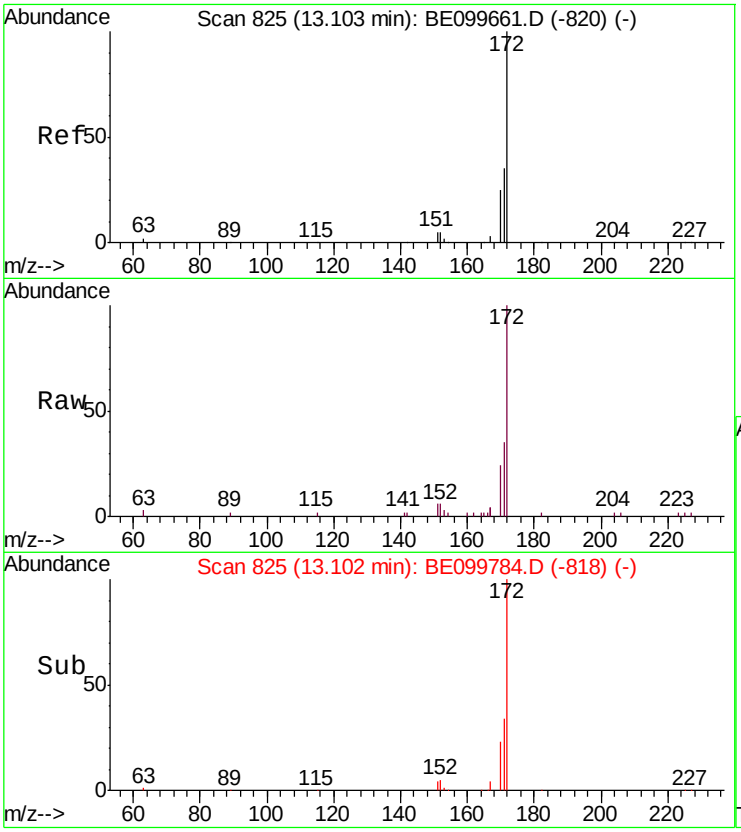


#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:330 Resp: 811

Ion	Ratio	Lower	Upper
330	100		
332	88.9	77.3	115.9
141	25.4	18.9	28.3



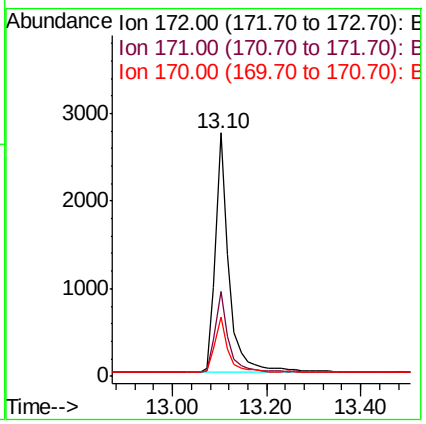


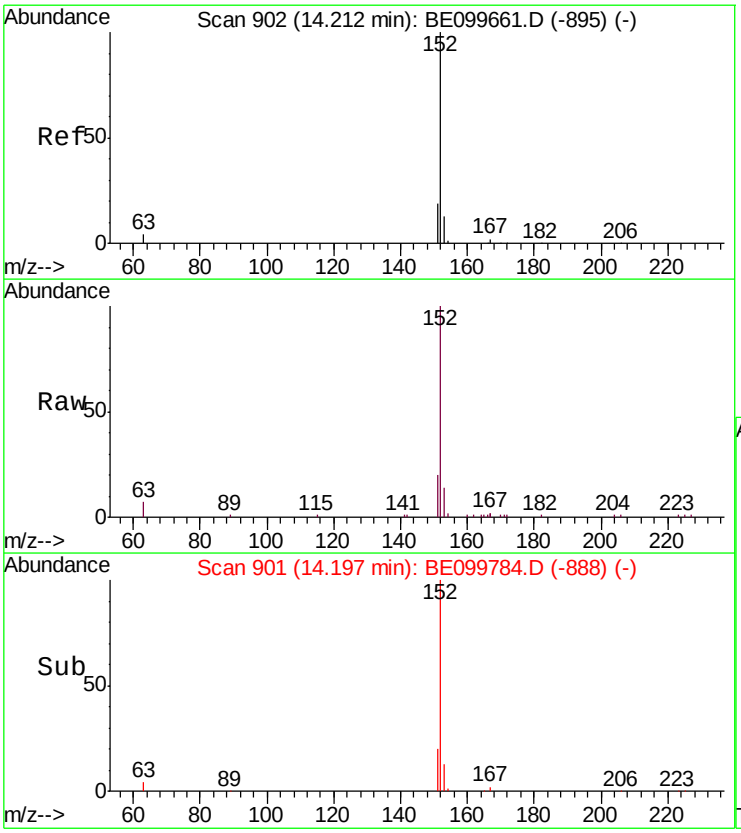
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5488

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	24.3	20.9	31.3

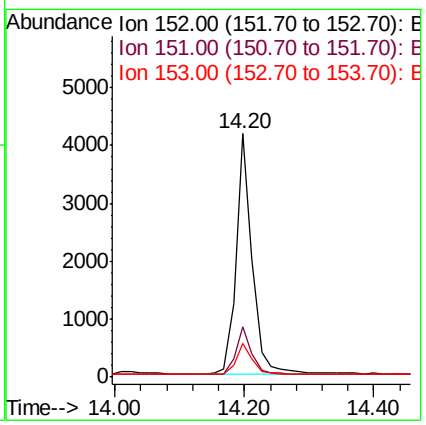


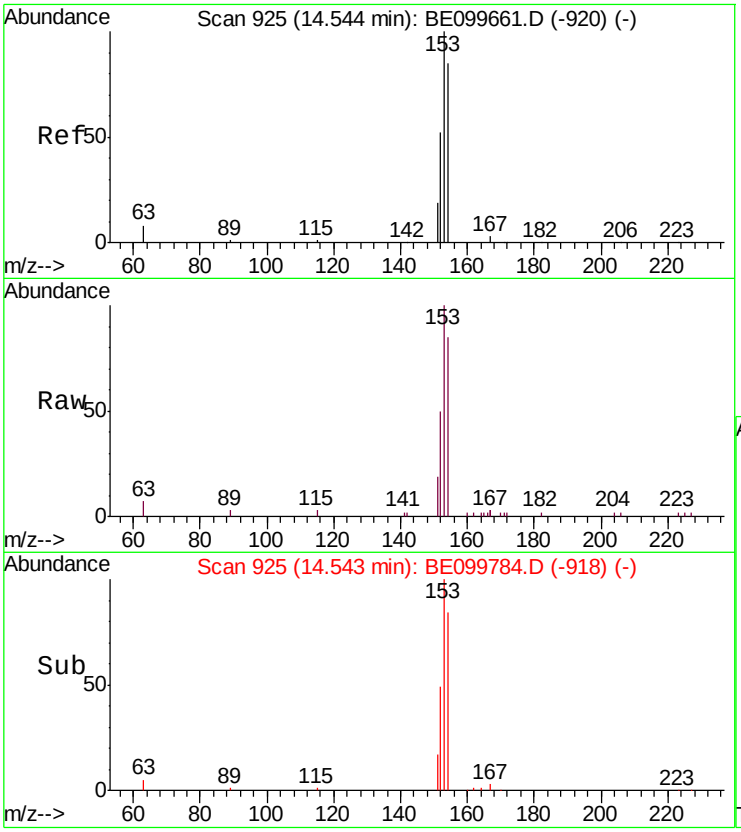


#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:152 Resp: 7107

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.6	10.6	16.0



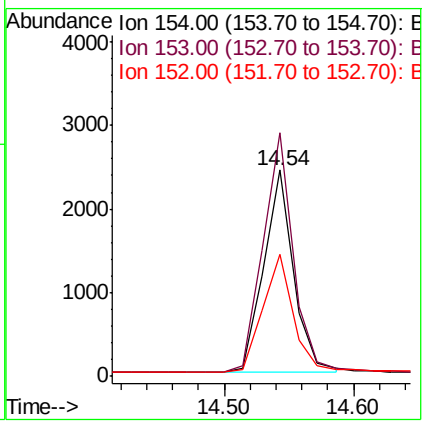


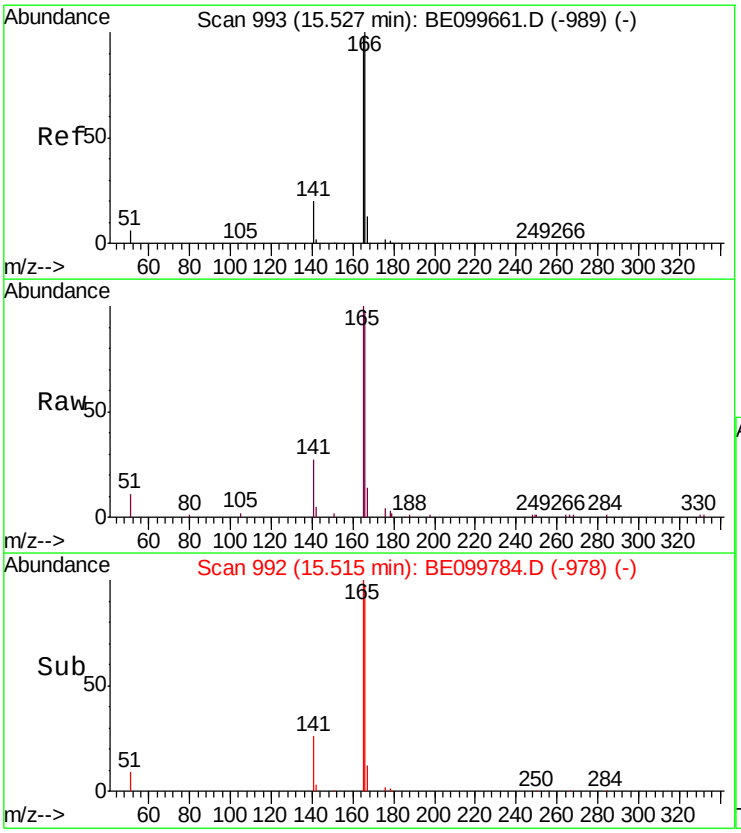
#17
Acenaphthene
Concen: 0.406 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3856

Ion	Ratio	Lower	Upper
154	100		
153	119.9	91.8	137.6
152	59.8	46.0	69.0

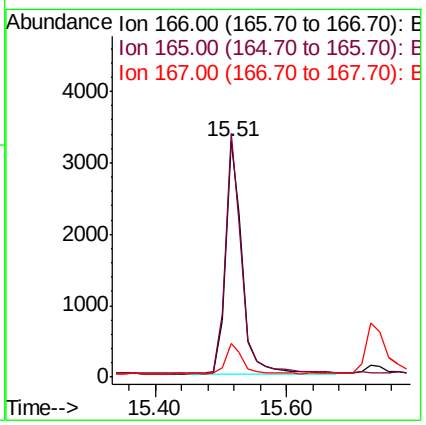


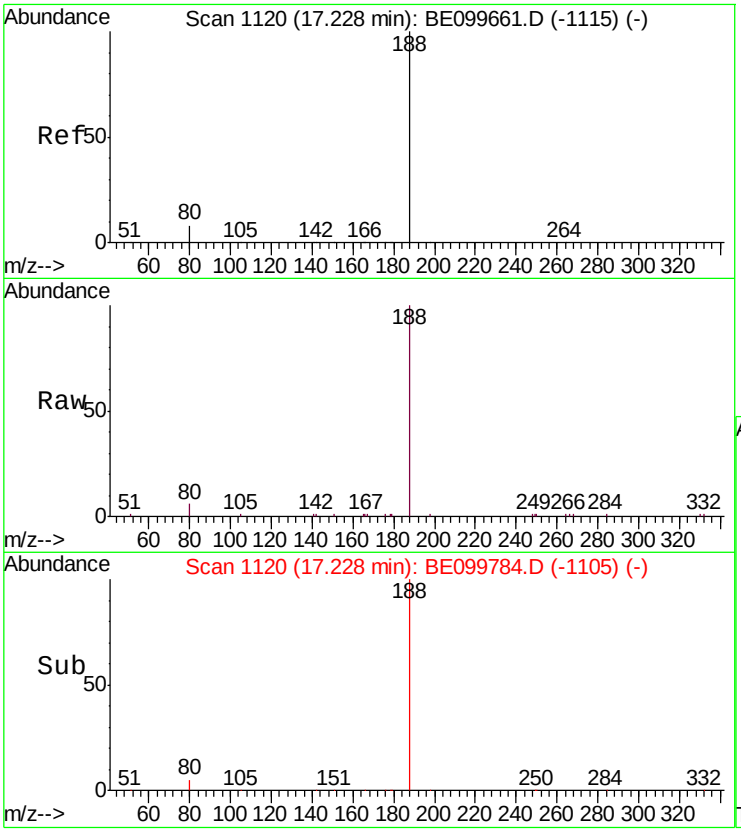


#18
Fluorene
Concen: 0.416 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:166 Resp: 5822

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.3	120.5
167	13.4	10.6	16.0



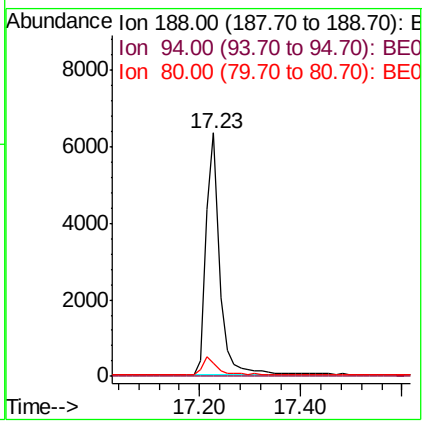


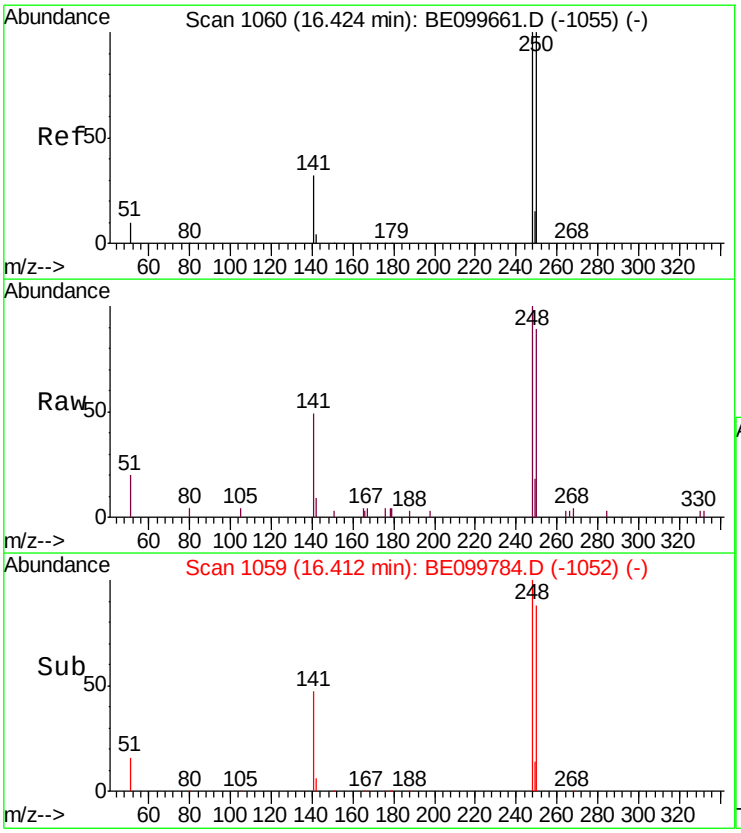
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 11828

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.5	6.7	10.1#

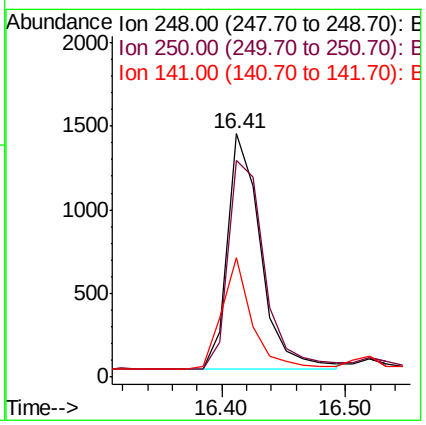


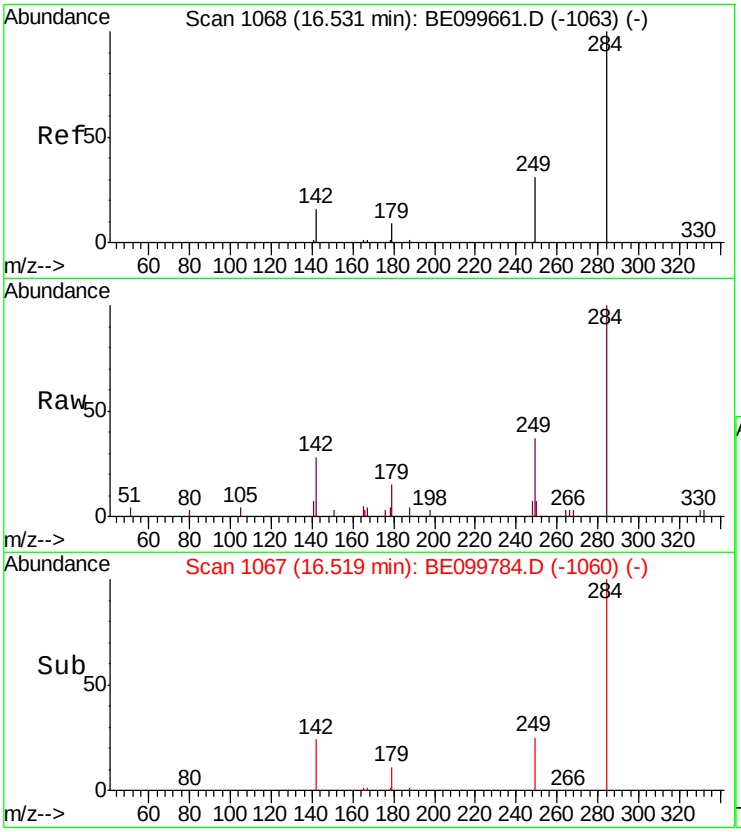


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:248 Resp: 2652

Ion	Ratio	Lower	Upper
248	100		
250	89.0	79.8	119.8
141	48.9	27.0	40.6#



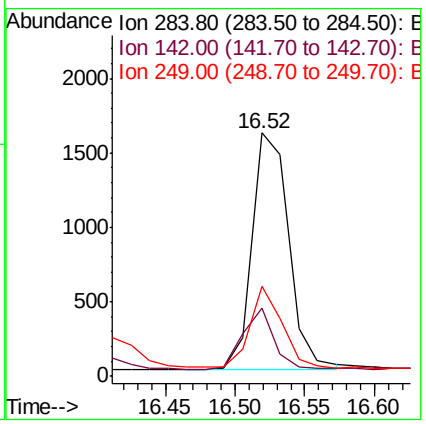


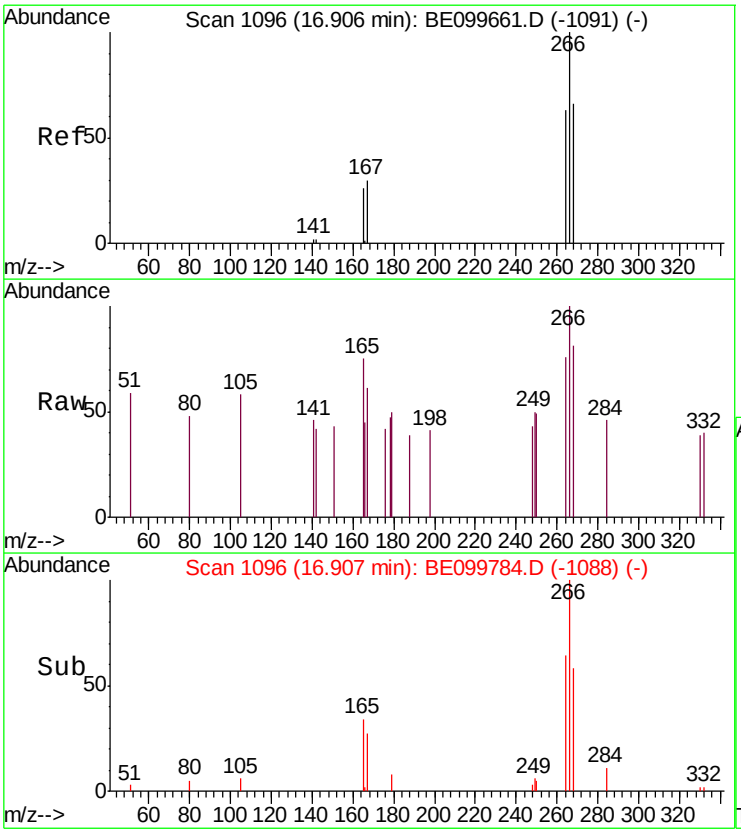
#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2905

Ion	Ratio	Lower	Upper
284	100		
142	22.1	17.8	26.6
249	29.8	24.8	37.2

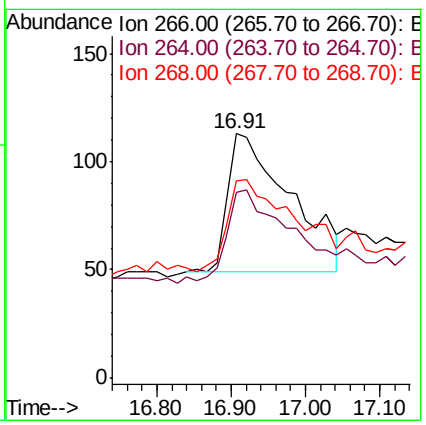


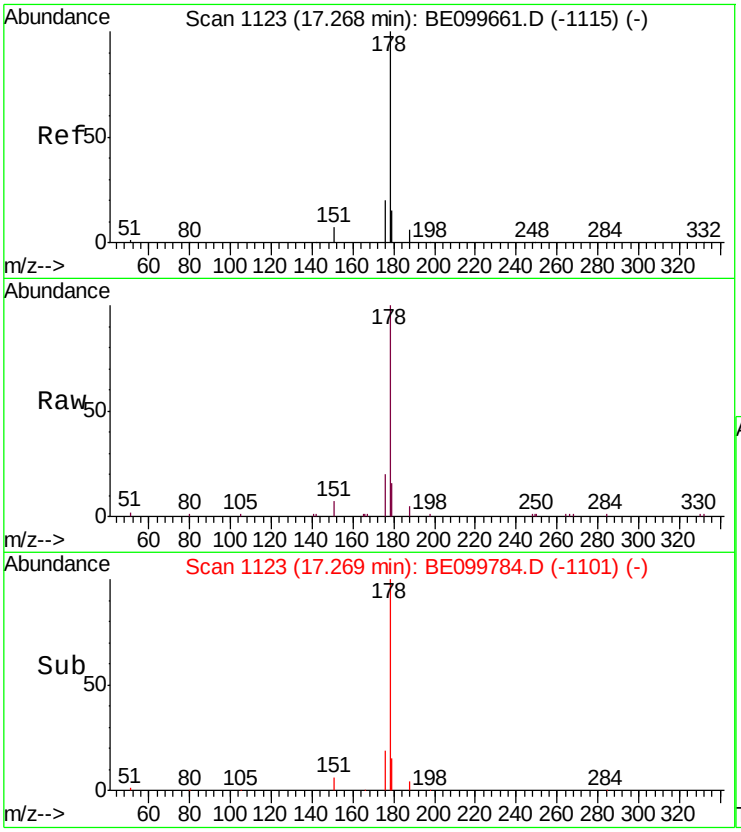


#22
Pentachlorophenol
Concen: 0.355 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:266 Resp: 372

Ion	Ratio	Lower	Upper
266	100		
264	76.1	57.2	85.8
268	80.5	60.5	90.7



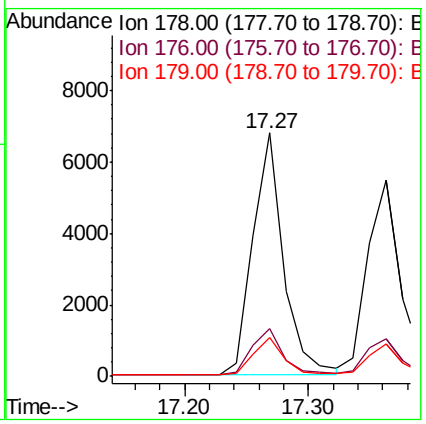


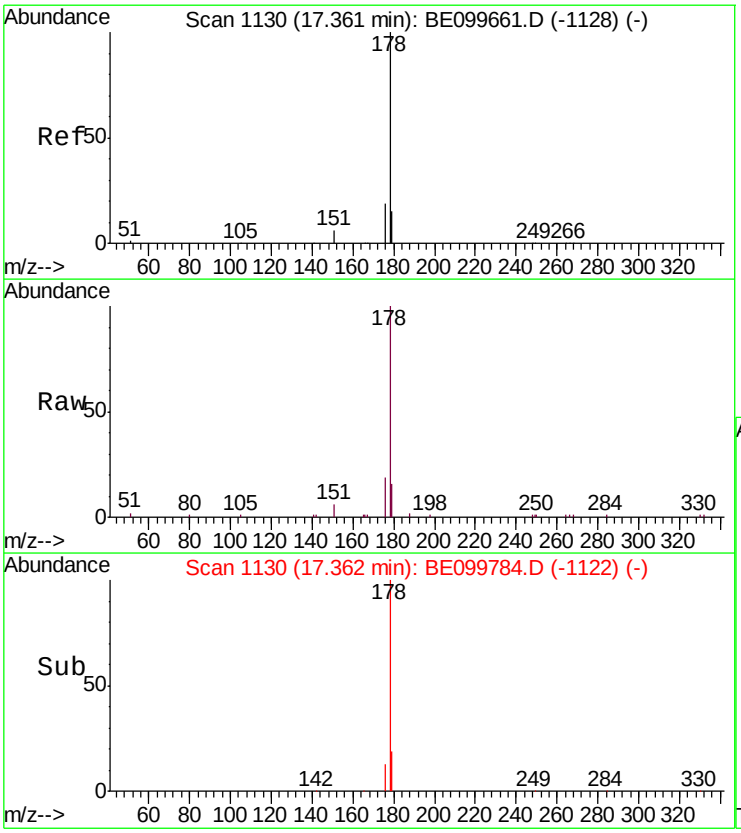
#23
Phenanthrene
Concen: 0.400 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 11568

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.1	12.2	18.4

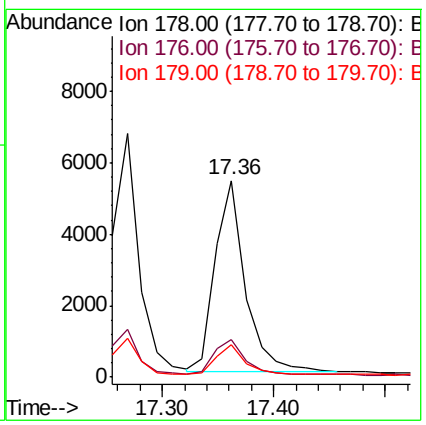


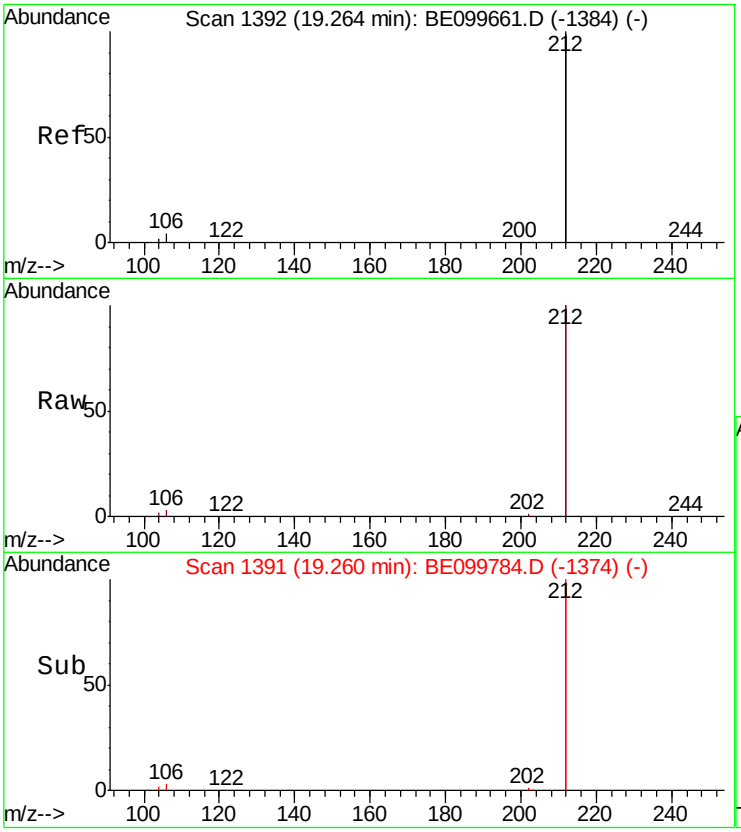


#24
Anthracene
Concen: 0.379 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:178 Resp: 9945

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.7	22.1
179	15.1	12.0	18.0



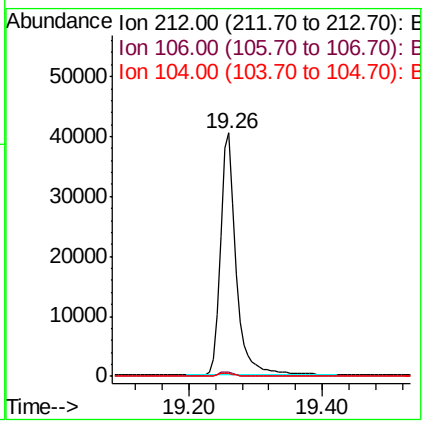


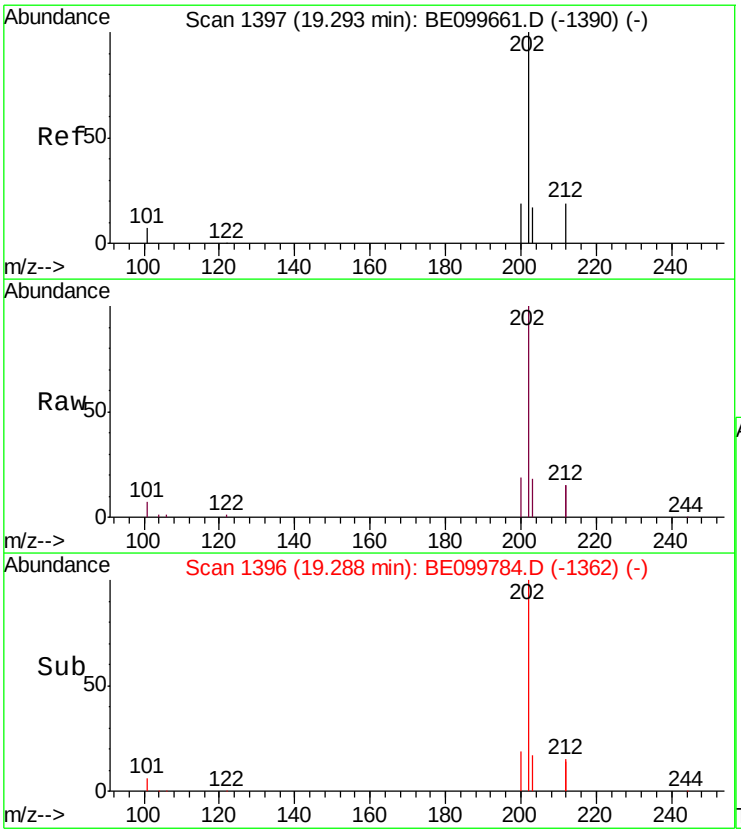
#25
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 65811

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

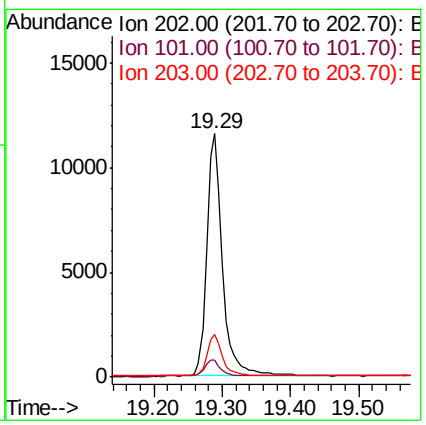


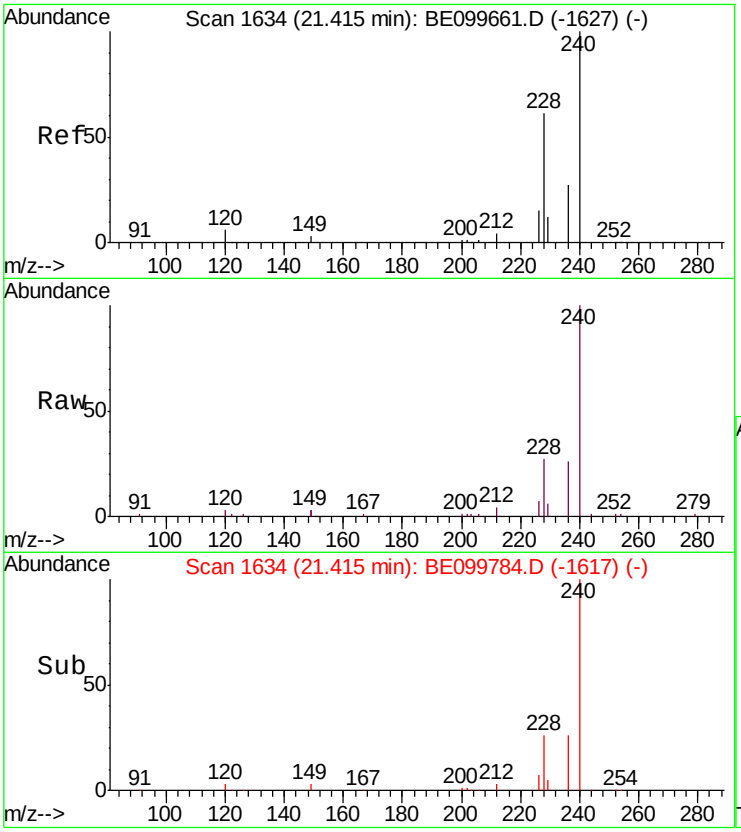


#26
Fluoranthene
Concen: 0.407 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:202 Resp: 18615

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	16.8	13.8	20.6



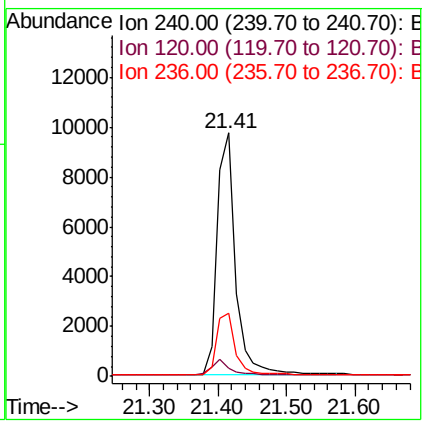


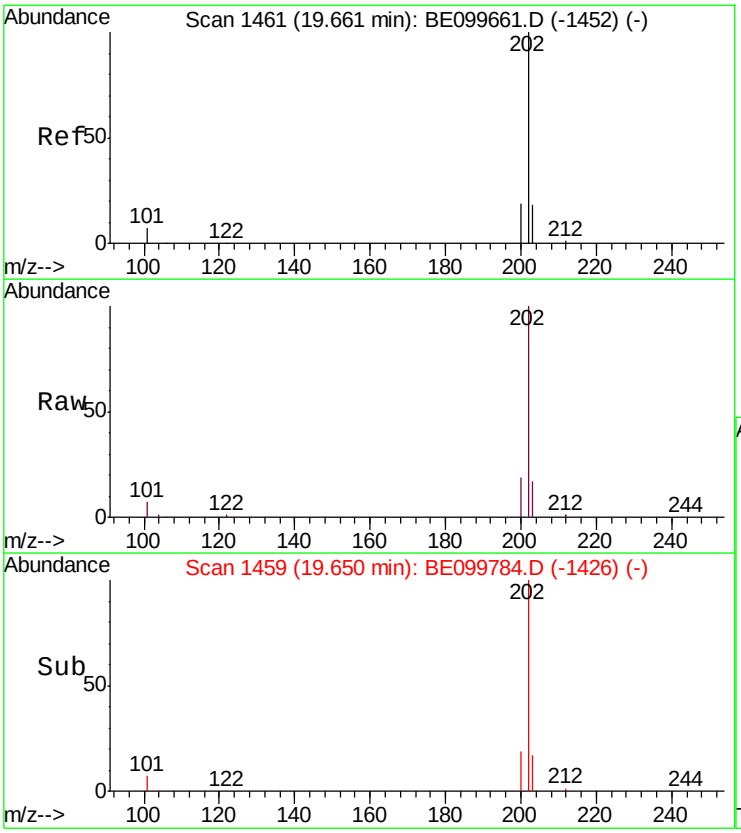
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 18194

Ion	Ratio	Lower	Upper
240	100		
120	3.3	5.4	8.0#
236	26.1	21.7	32.5

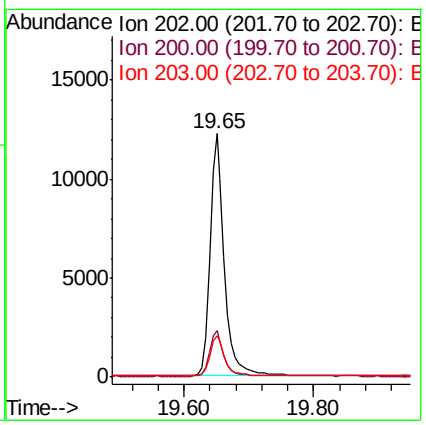


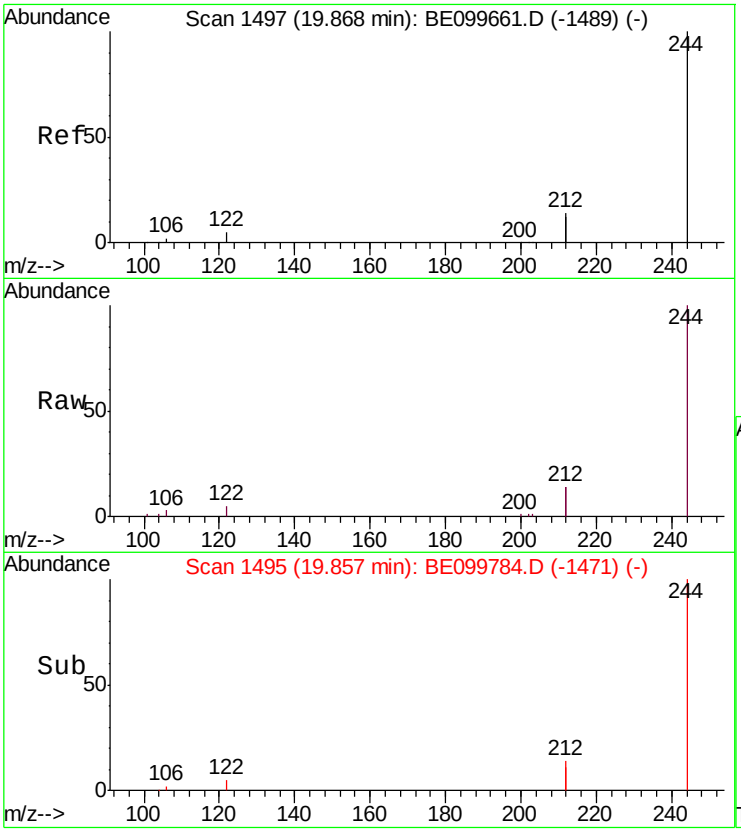


#28
Pyrene
Concen: 0.420 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:202 Resp: 19208

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.4	23.2
203	17.5	13.8	20.8



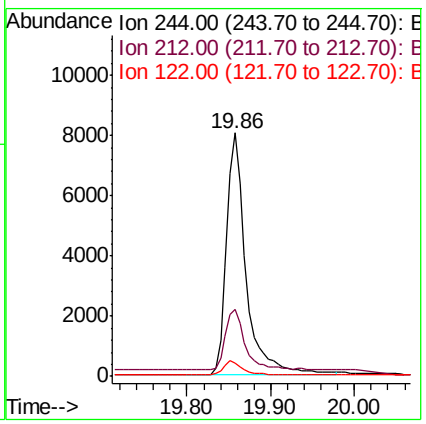


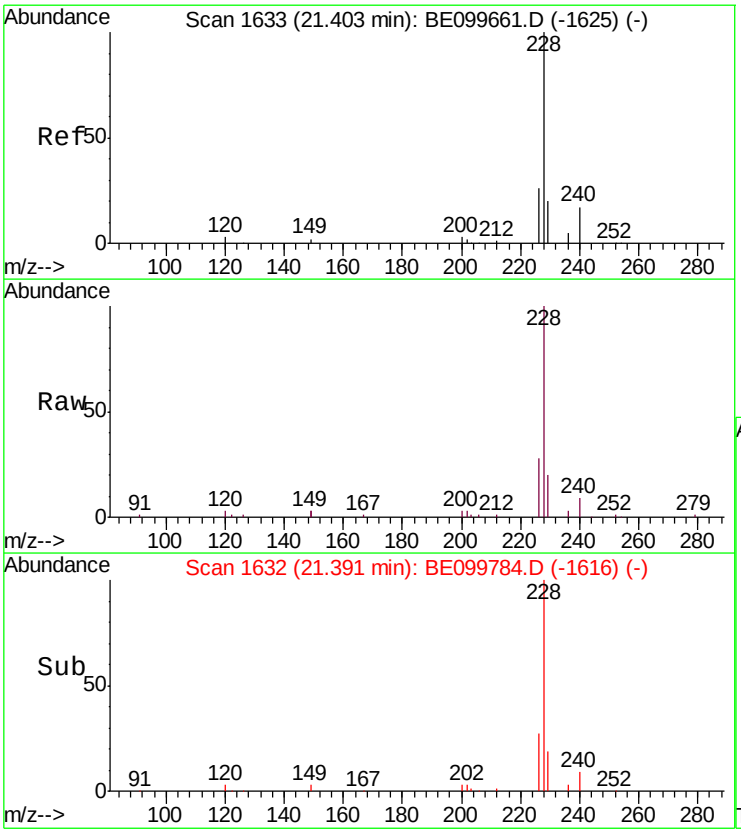
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 13112

Ion	Ratio	Lower	Upper
244	100		
212	27.4	22.5	33.7
122	5.5	4.3	6.5

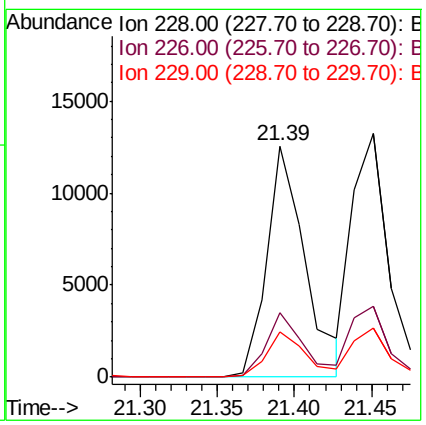


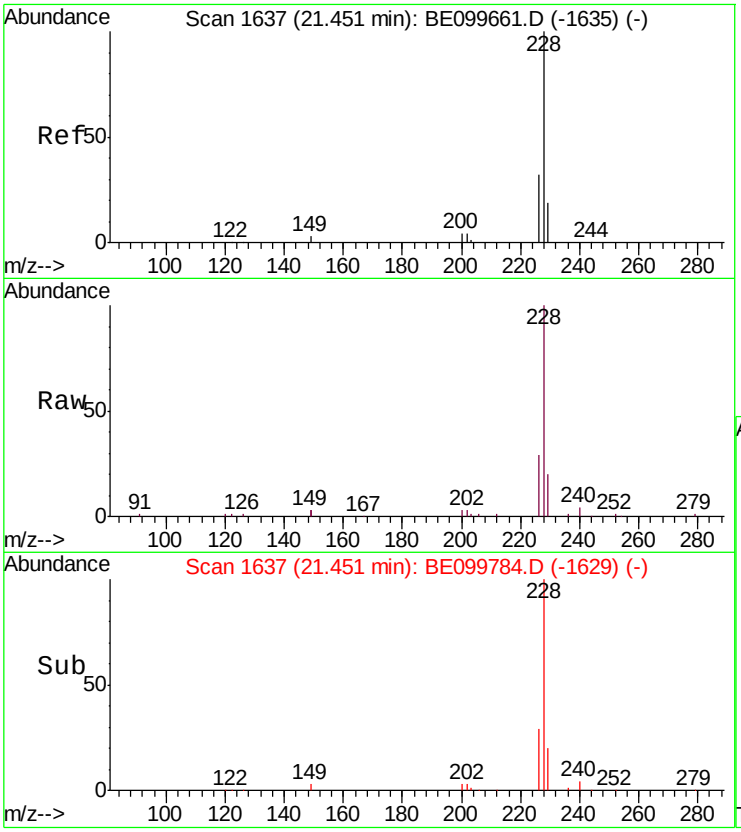


#30
Benzo(a)anthracene
Concen: 0.418 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:228 Resp: 21622

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.3	31.9
229	19.6	16.1	24.1



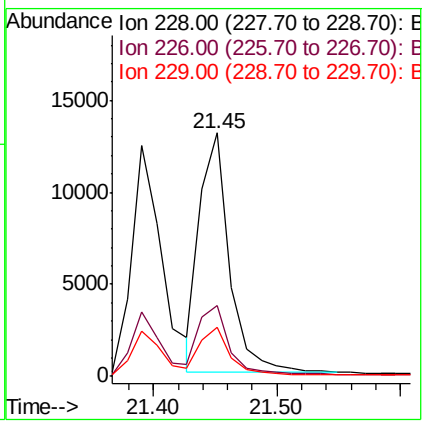


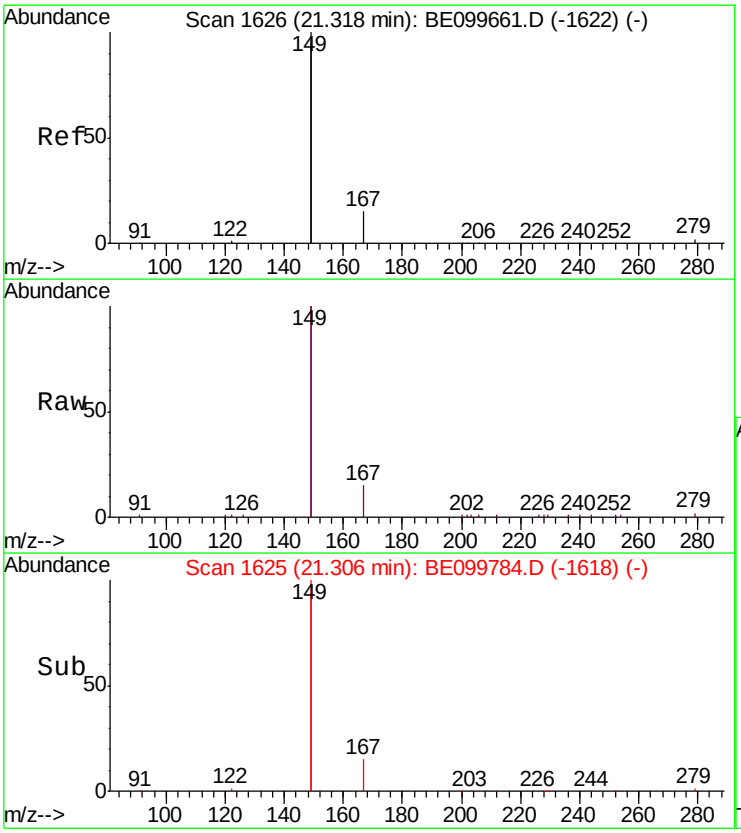
#31
Chrysene
Concen: 0.391 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 21637

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.7	37.1
229	19.9	15.8	23.6

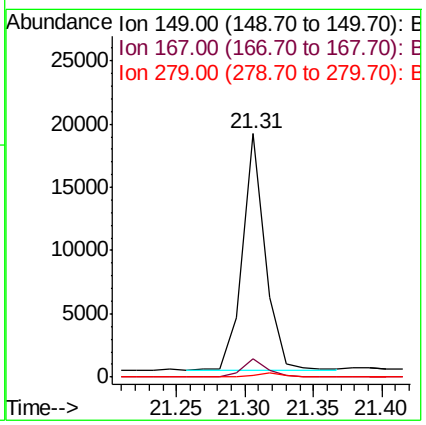


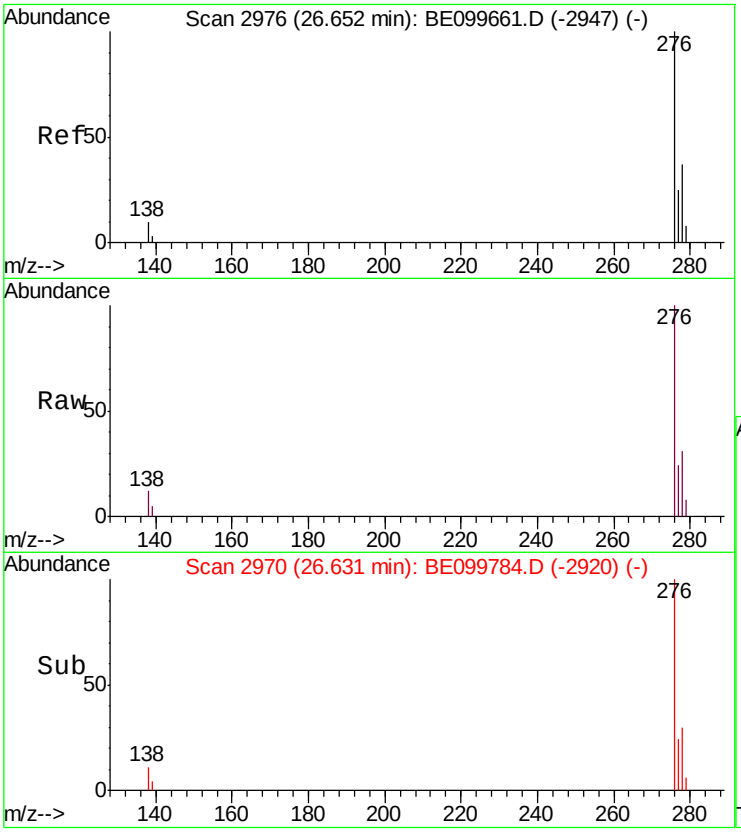


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:149 Resp: 21224

Ion	Ratio	Lower	Upper
149	100		
167	7.8	6.2	9.4
279	1.5	1.2	1.8



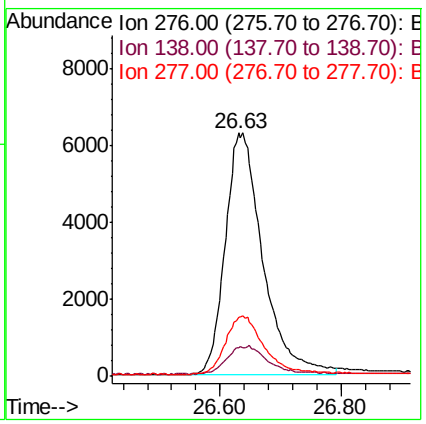


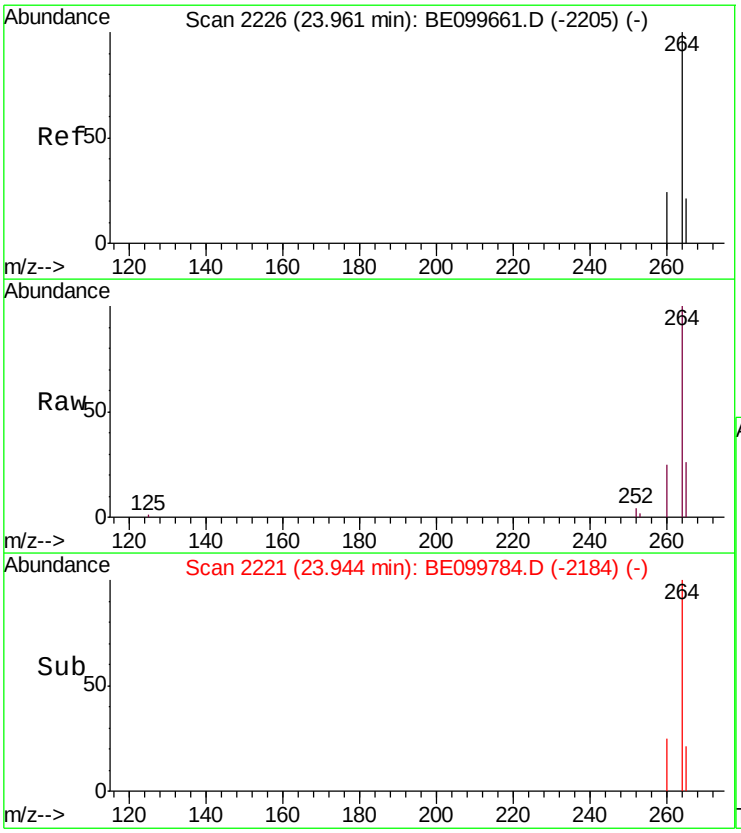
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.02 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 26949

Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.6	14.4
277	24.7	19.2	28.8

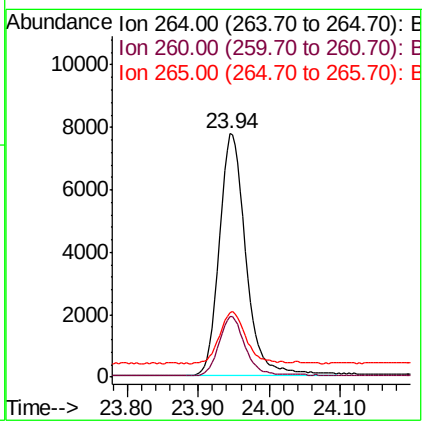


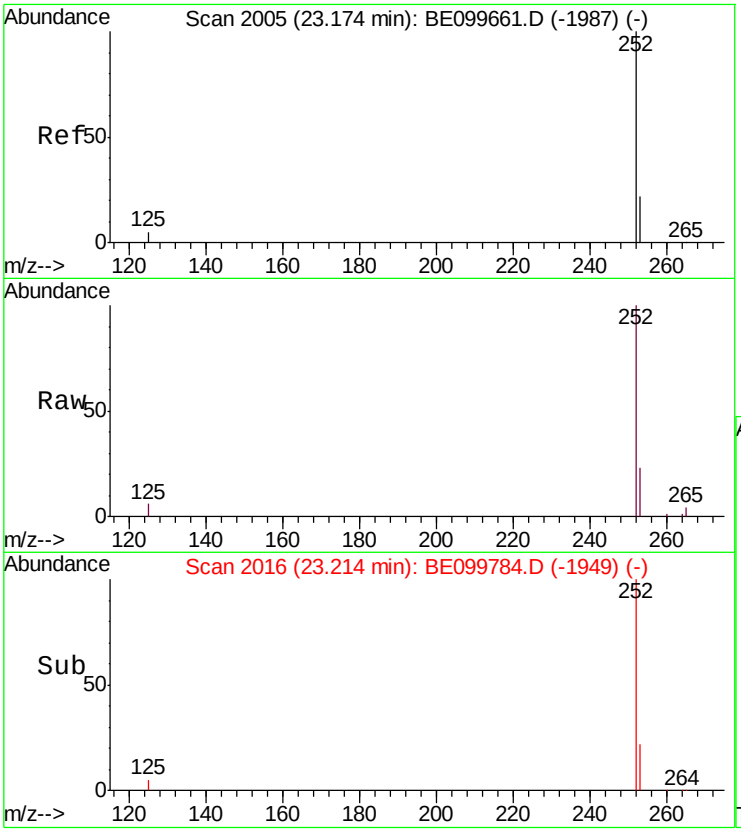


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:264 Resp: 19959

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	26.4	19.1	28.7



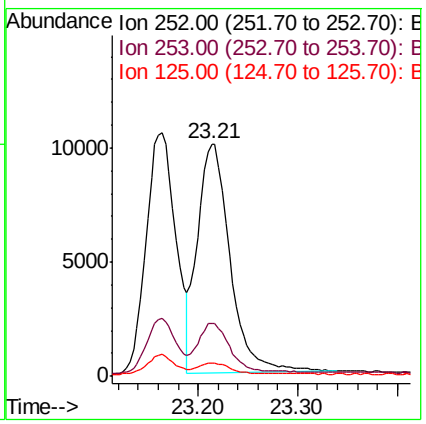


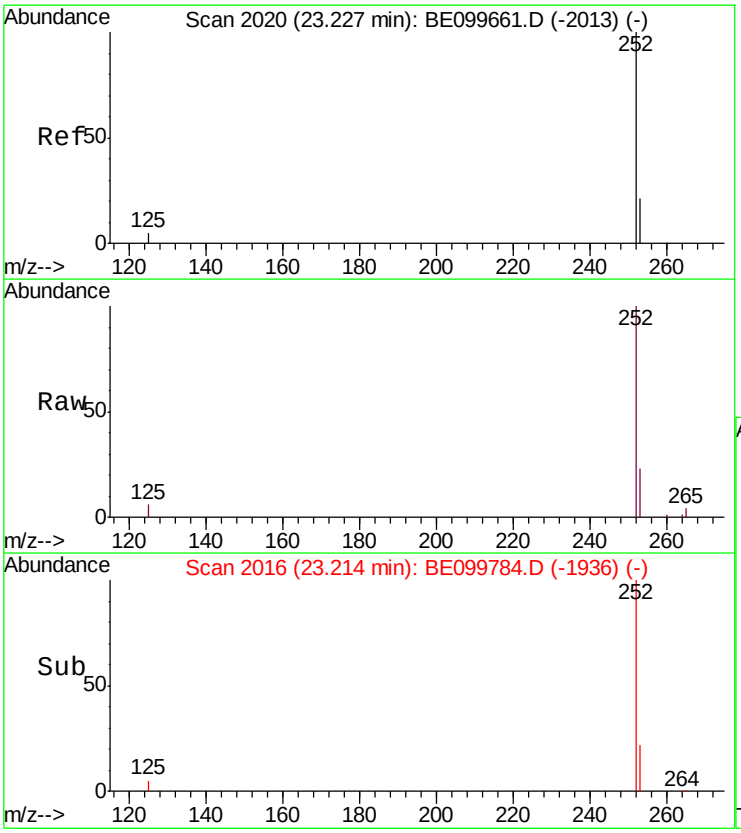
#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.04 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22716

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	5.5	4.5	6.7

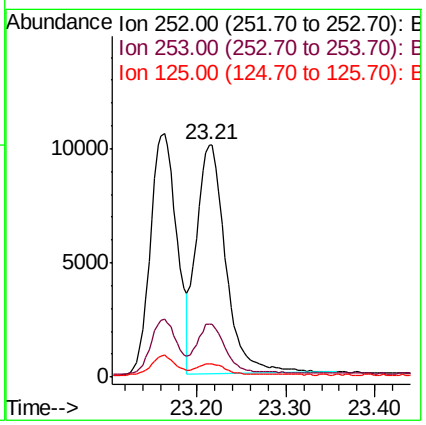


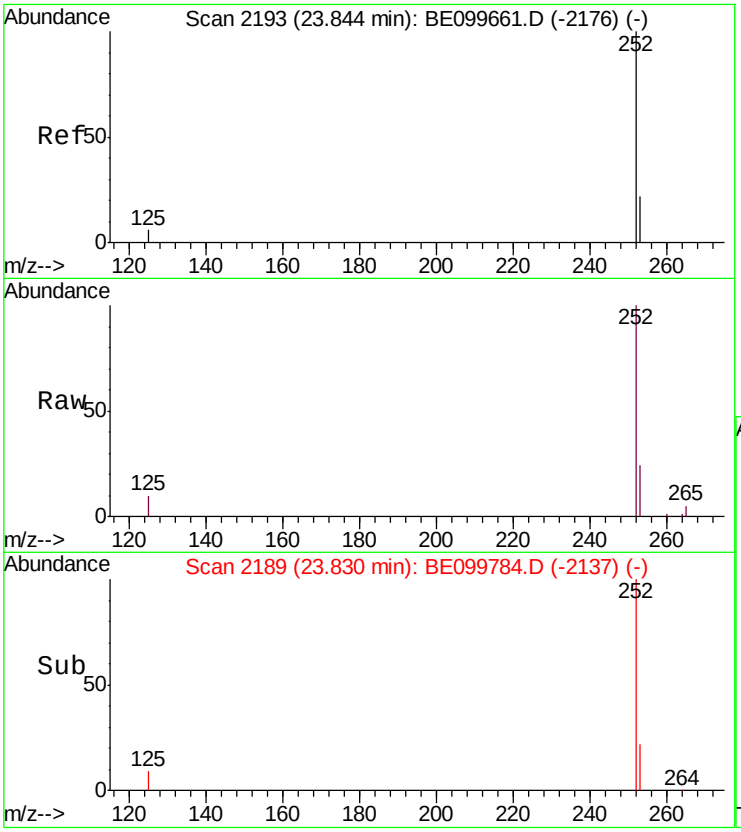


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.21 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:252 Resp: 22938

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	5.5	4.6	6.8



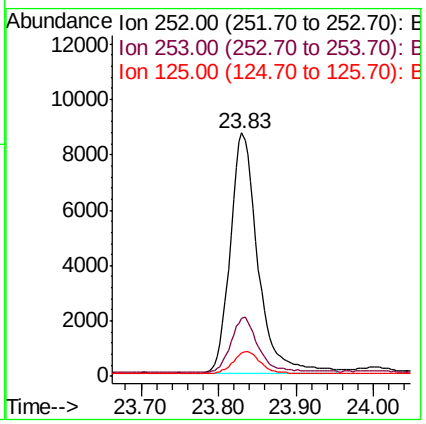


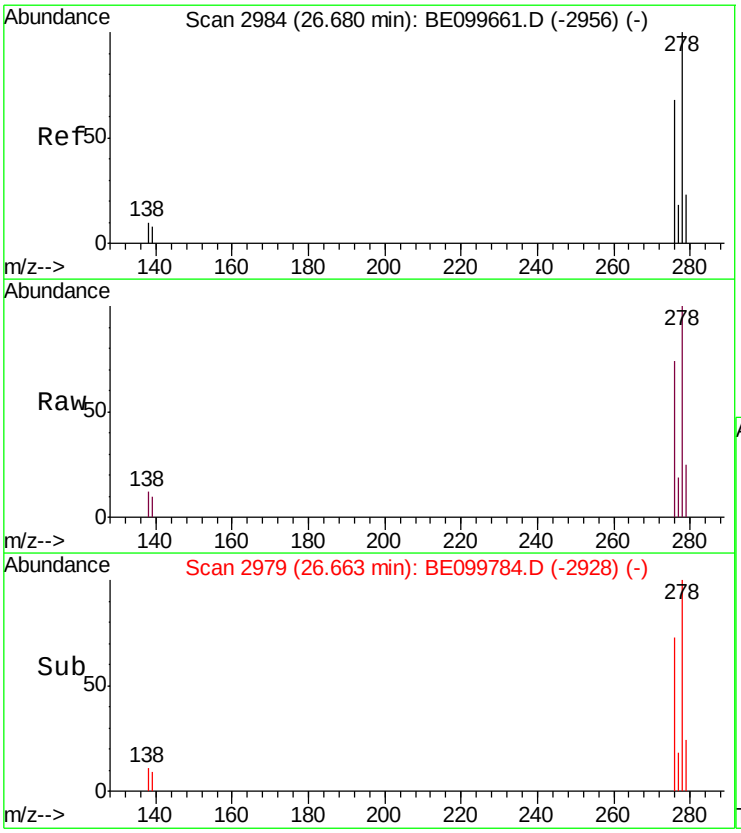
#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21475

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	9.5	5.4	8.0#

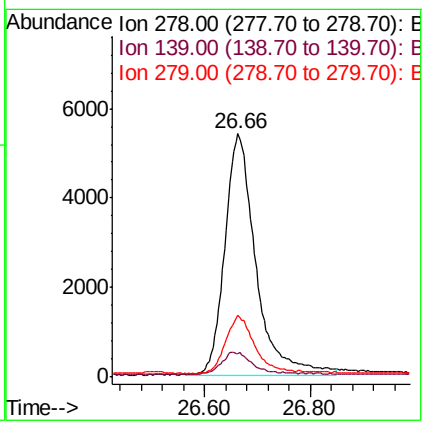


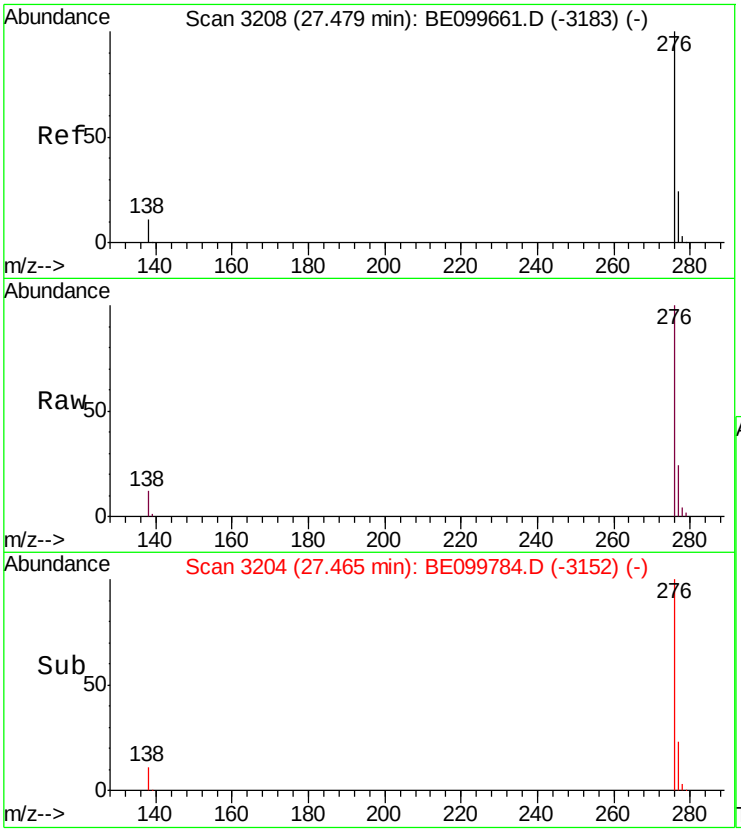


#38
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.66 min Scan# 2979
Delta R.T. -0.02 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:278 Resp: 21933

Ion	Ratio	Lower	Upper
278	100		
139	9.8	6.9	10.3
279	25.4	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 27.47 min Scan# 3204
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 22606

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.6
138	11.5	9.2	13.8