Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
Data File : BE099684.D
Acq On : 21 May 2019 5:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 21 06:45:39 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	1734	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	6275	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	4741	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	14288	0.40	ng		0.00
27) Chrysene-d12	21.42	240	21091	0.40	ng		0.00
34) Perylene-d12	23.95	264	25969	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	1660	0.38	ng		0.00
5) Phenol-d6	6.97	99	2254	0.39	ng		0.00
8) Nitrobenzene-d5	8.98	82	2073	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4001	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1095	0.43	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	6440	0.36	ng		0.00
25) Fluoranthene-d10	19.26	212	70236	0.36	ng		0.00
29) Terphenyl-d14	19.86	244	14577	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	928	0.362	ng	#	93
3) n-Nitrosodimethylamine	3.64	42	365	0.258	ng	#	67
6) bis(2-Chloroethyl)ether	7.23	93	1848	0.358	ng		97
9) Naphthalene	10.67	128	111429	1.661	ng		99
10) Hexachlorobutadiene	10.94	225	1761	0.356	ng		99
12) 2-Methylnaphthalene	12.30	142	8647	0.790	ng		98
16) Acenaphthylene	14.20	152	8957	0.405	ng		99
17) Acenaphthene	14.54	154	4620	0.373	ng		98
18) Fluorene	15.53	166	9212	0.504	ng		98
20) 4-Bromophenyl-phenylether	16.42	248	2965	0.360	ng		97
21) Hexachlorobenzene	16.53	284	3085	0.366	ng		99
22) Pentachlorophenol	16.89	266	1251	0.647	ng		91
23) Phenanthrene	17.27	178	27612	0.791	ng		100
24) Anthracene	17.36	178	14591	0.461	ng		99
26) Fluoranthene	19.29	202	27389	0.496	ng		100
28) Pyrene	19.66	202	31312	0.591	ng		99
30) Benzo(a)anthracene	21.40	228	29713	0.496	ng		99
31) Chrysene	21.45	228	29107	0.454	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	40236	0.583	ng		99
33) Indeno(1,2,3-cd)pyrene	26.65	276	33199	0.429	ng		99
35) Benzo(b)fluoranthene	23.22	252	27238	0.383	ng		99
36) Benzo(k)fluoranthene	23.22	252	27647	0.373	ng		100
37) Benzo(a)pyrene	23.84	252	28454	0.416	ng	#	96
38) Dibenzo(a,h)anthracene	26.68	278	26235	0.365	ng	#	96
39) Benzo(g,h,i)perylene	27.47	276	26873	0.370	ng		99

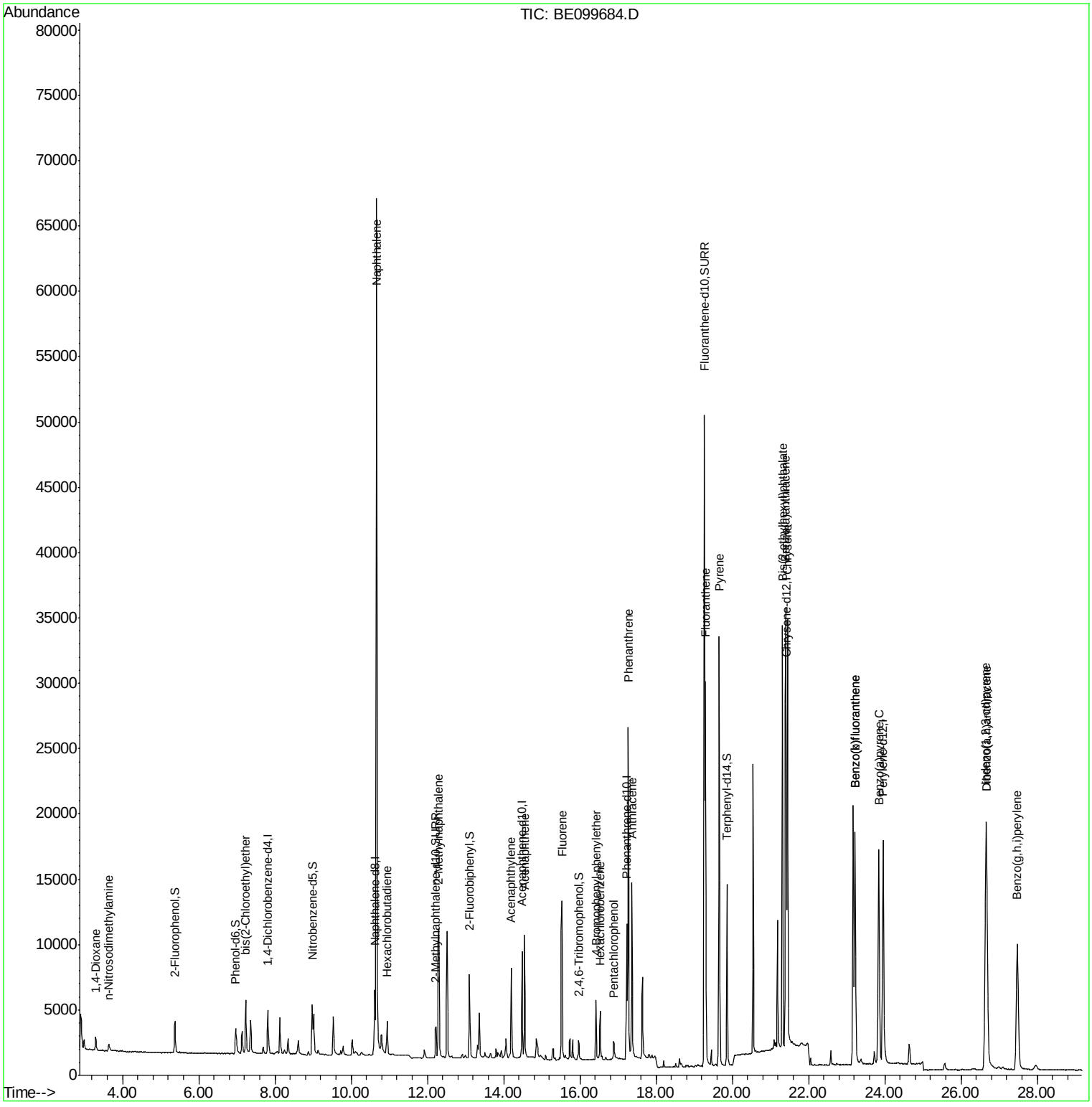
(#) = qualifier out of range (m) = manual integration (+) = signals summed

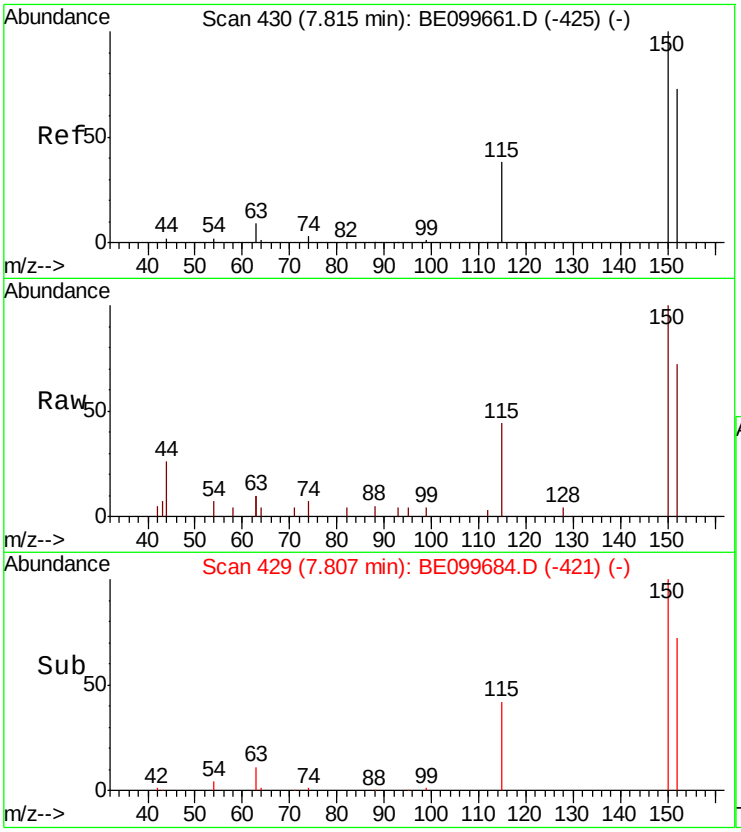
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
Data File : BE099684.D
Acq On : 21 May 2019 5:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 21 06:45:39 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



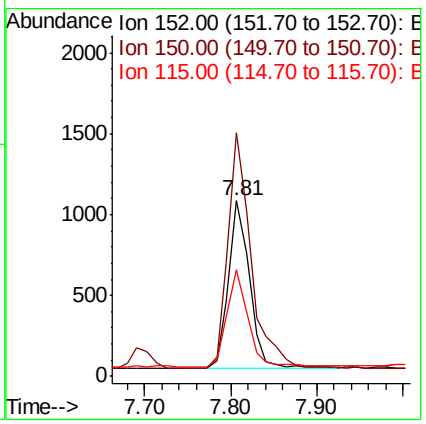


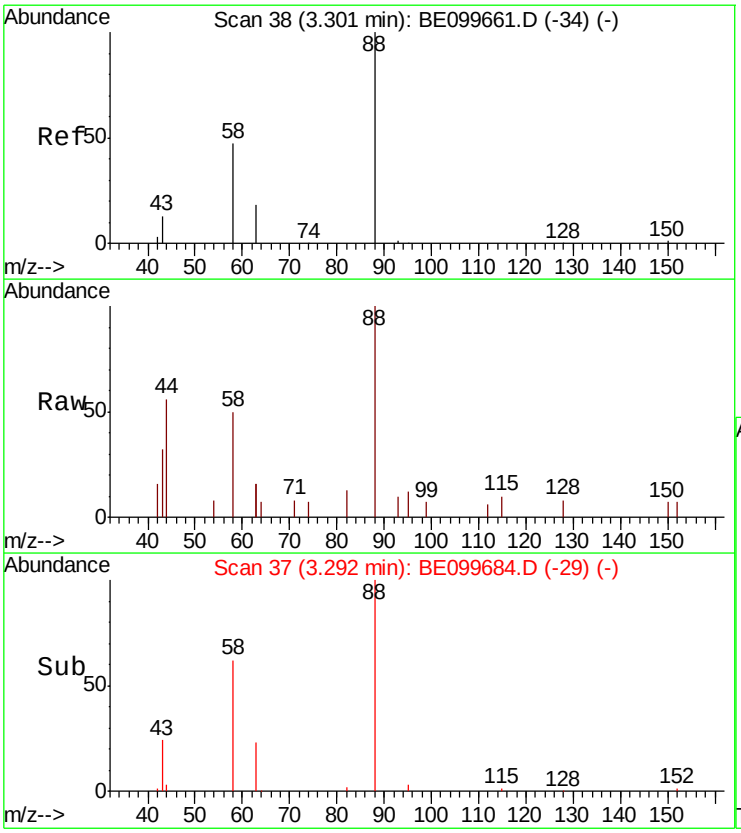
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1734

Ion	Ratio	Lower	Upper
152	100		
150	138.8	109.2	163.8
115	61.0	43.7	65.5

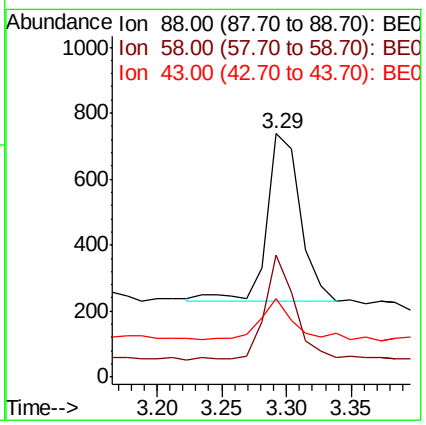


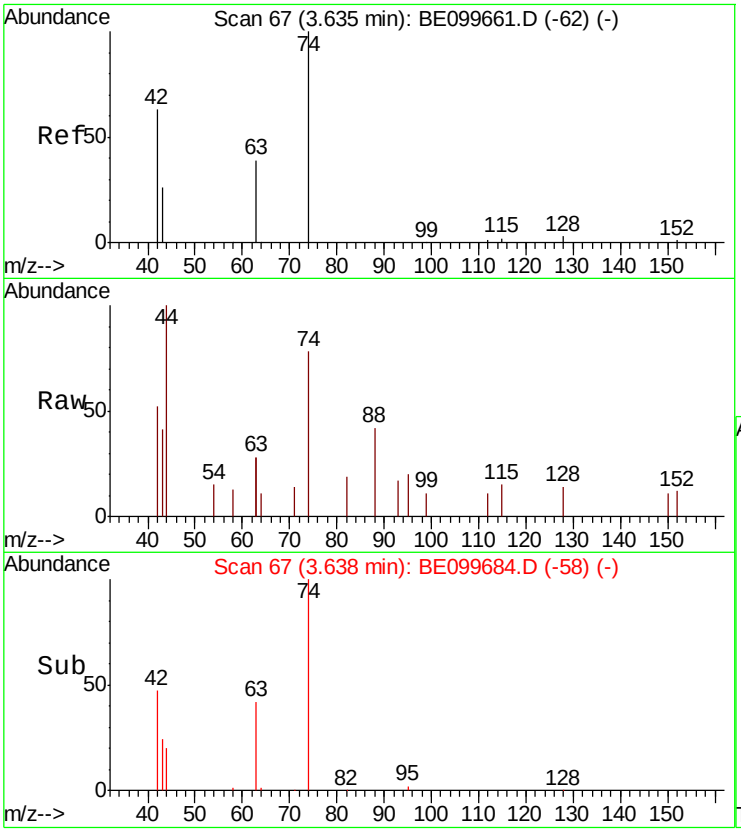


#2
1,4-Dioxane
Concen: 0.362 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion: 88 Resp: 928

Ion	Ratio	Lower	Upper
88	100		
58	55.6	41.8	62.8
43	24.5	15.0	22.4#



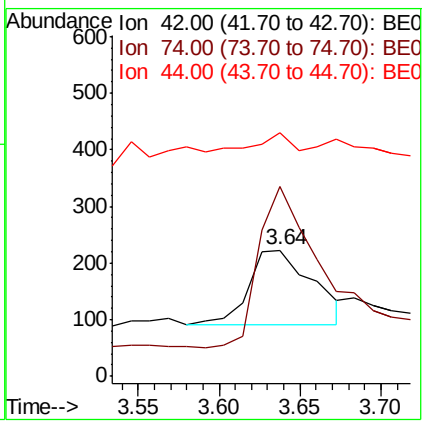


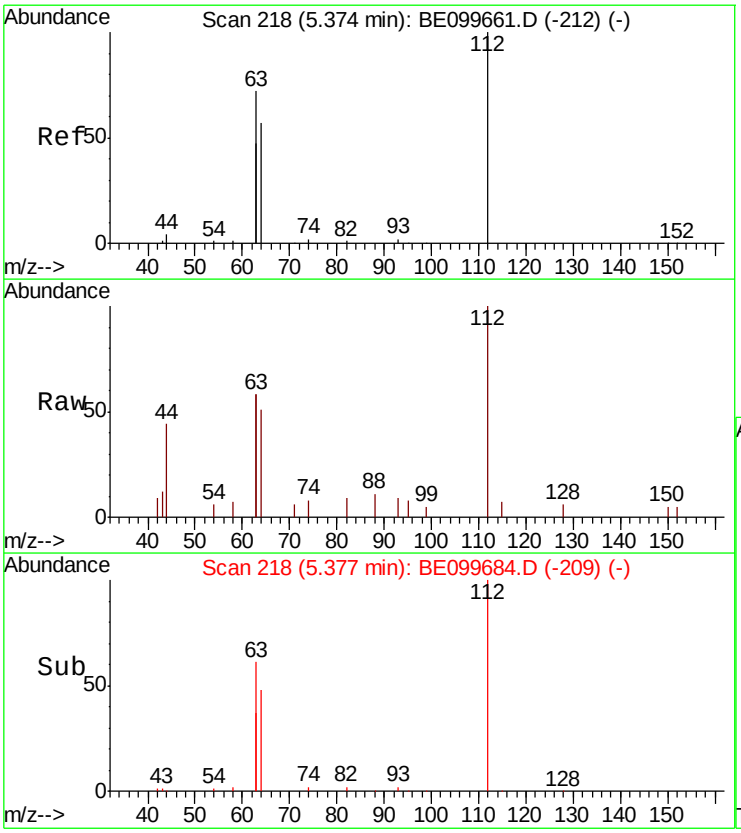
#3
n-Nitrosodimethylamine
Concen: 0.258 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 365

Ion	Ratio	Lower	Upper
42	100		
74	205.5	129.2	193.8#
44	7.4	0.0	0.0#

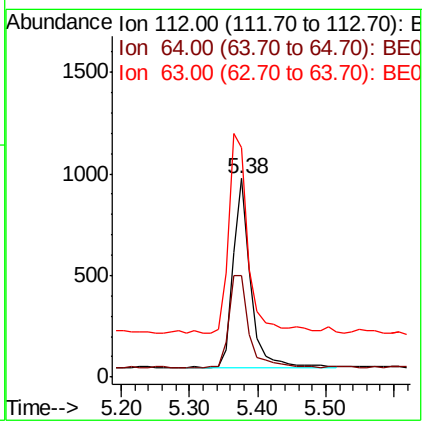


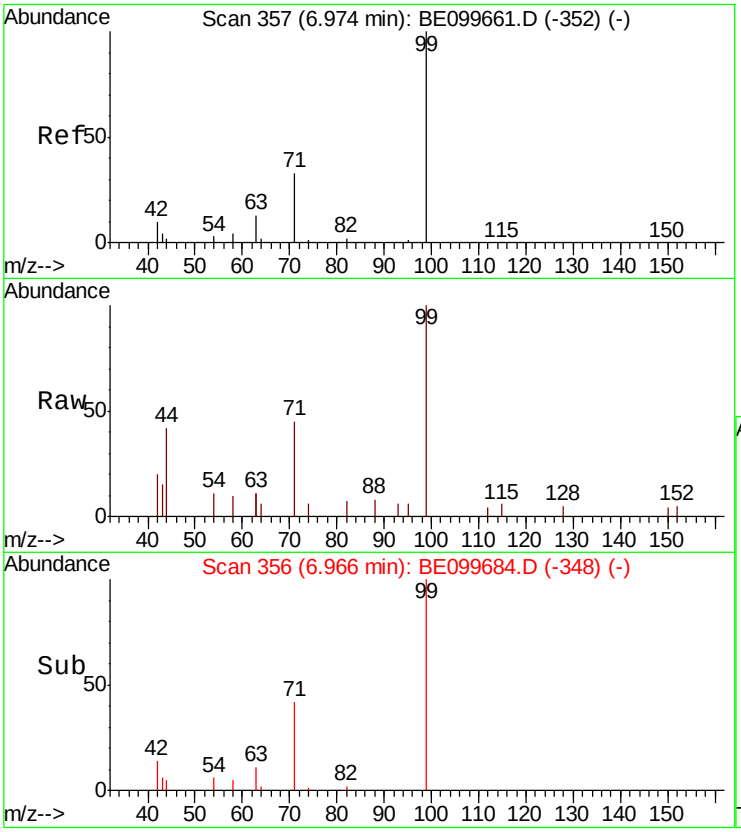


#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:112 Resp: 1660

Ion	Ratio	Lower	Upper
112	100		
64	56.5	43.4	65.2
63	118.6	96.9	145.3



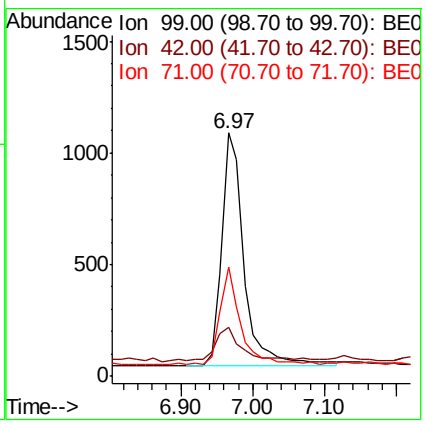


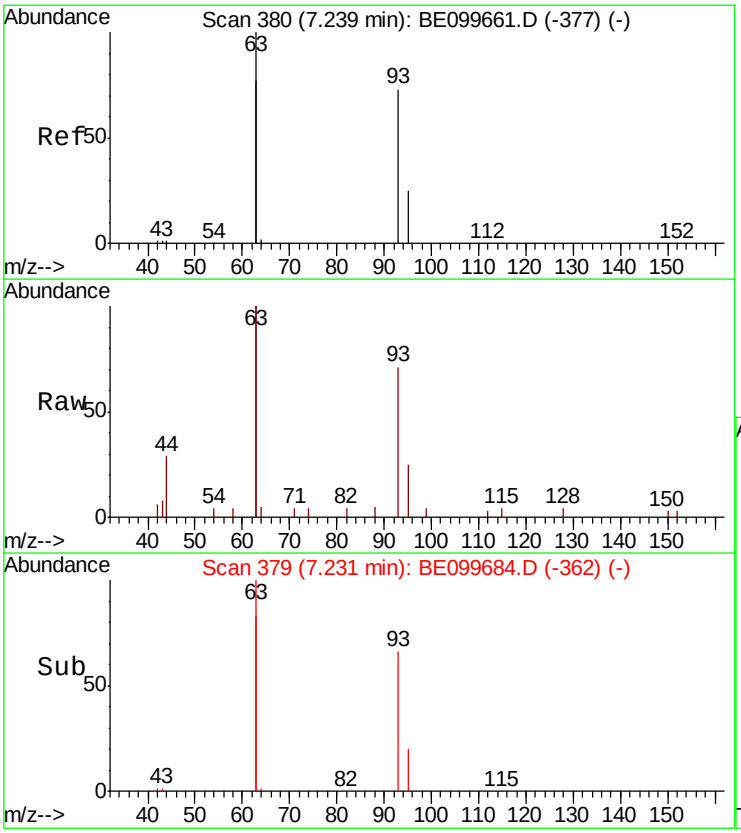
#5
Phenol-d6
Concen: 0.389 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2254

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	38.5	28.9	43.3

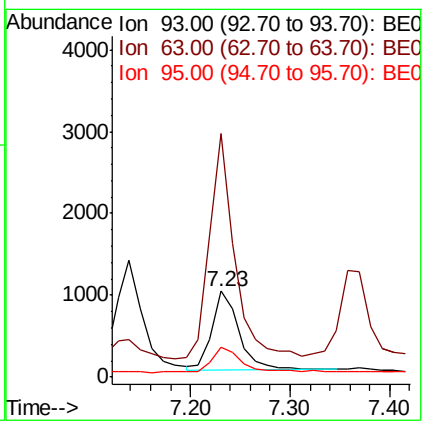


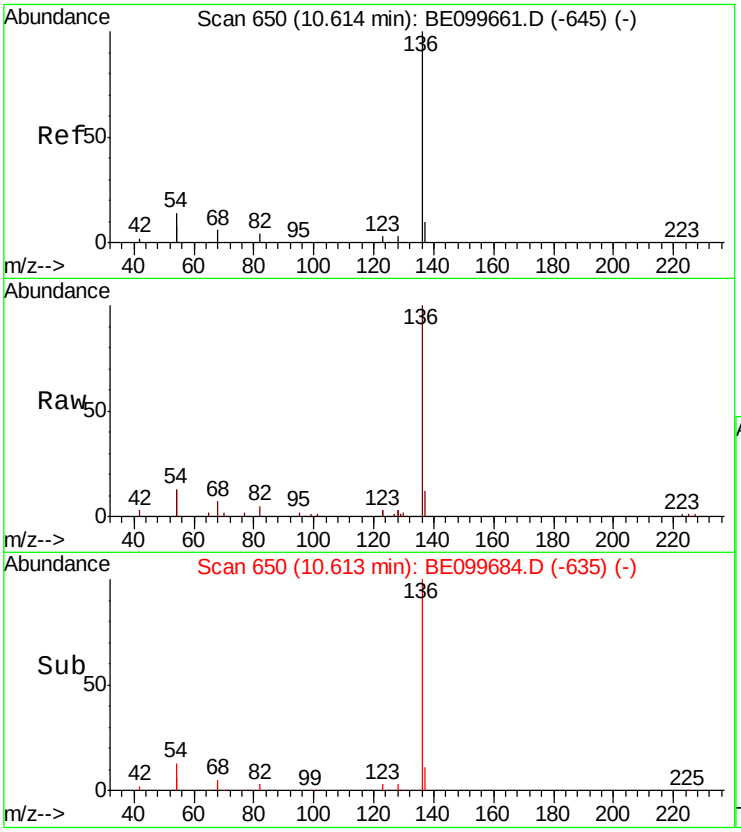


#6
bis(2-Chloroethyl)ether
Concen: 0.358 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion: 93 Resp: 1848

Ion	Ratio	Lower	Upper
93	100		
63	262.5	207.8	311.6
95	38.7	25.9	38.9



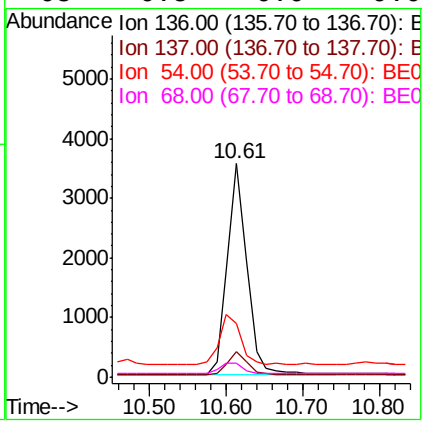


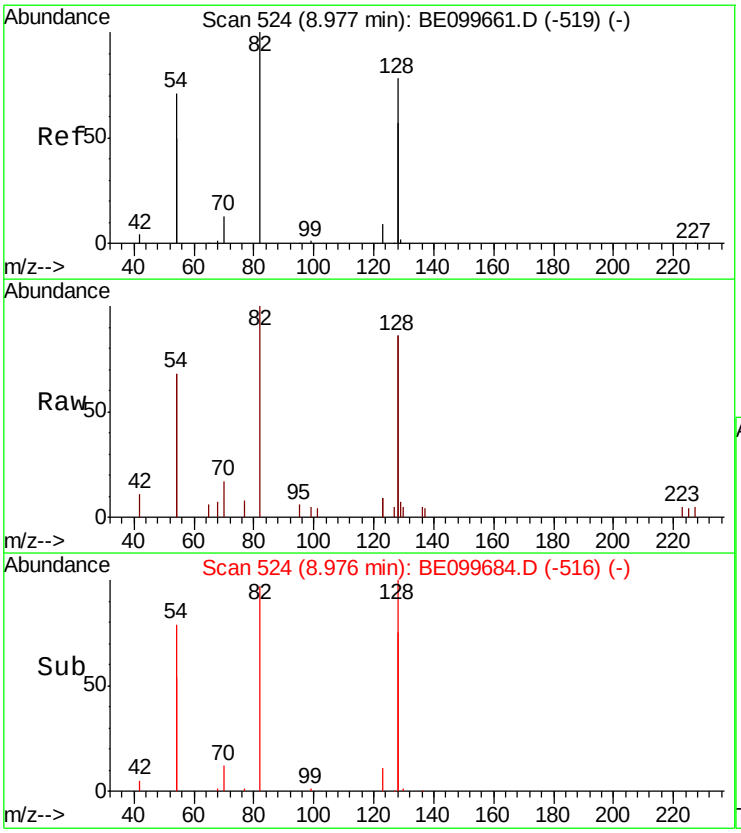
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 6275

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	25.1	22.3	33.5
68	6.5	6.0	9.0

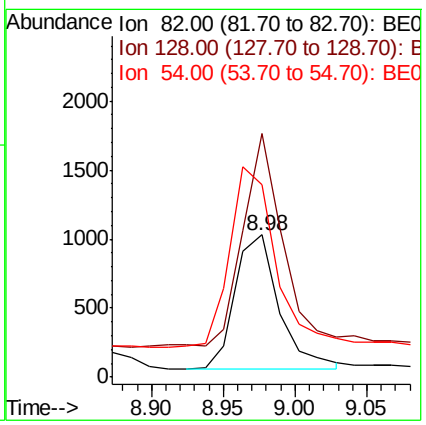


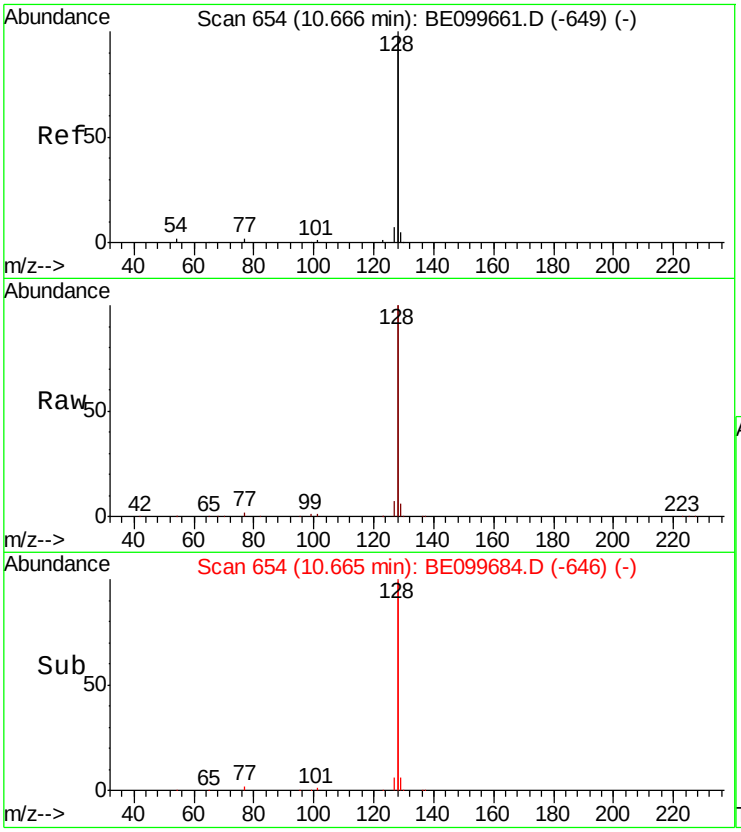


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion: 82 Resp: 2073

Ion	Ratio	Lower	Upper
82	100		
128	171.6	117.7	176.5
54	135.8	106.6	160.0



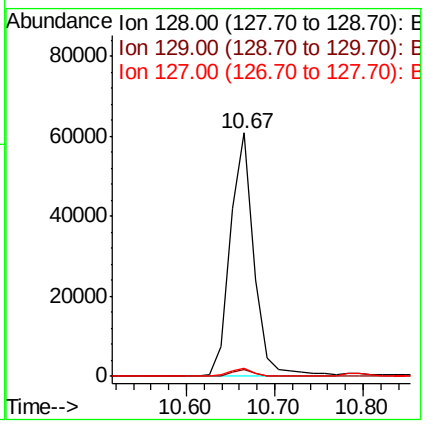


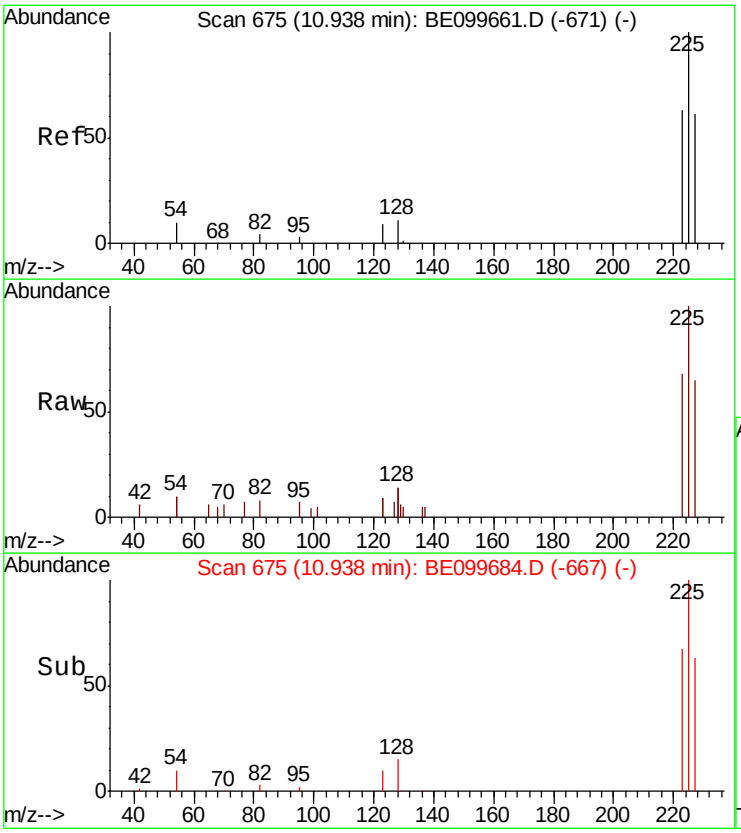
#9
Naphthalene
Concen: 1.661 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 111429

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.3	2.9	4.3

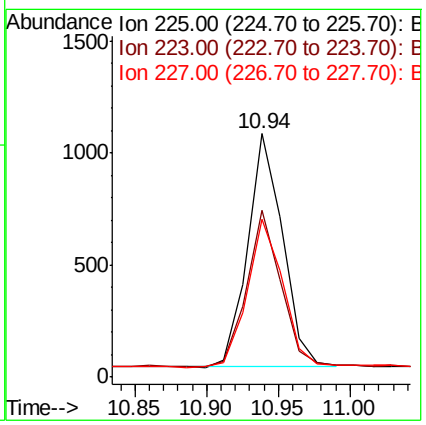


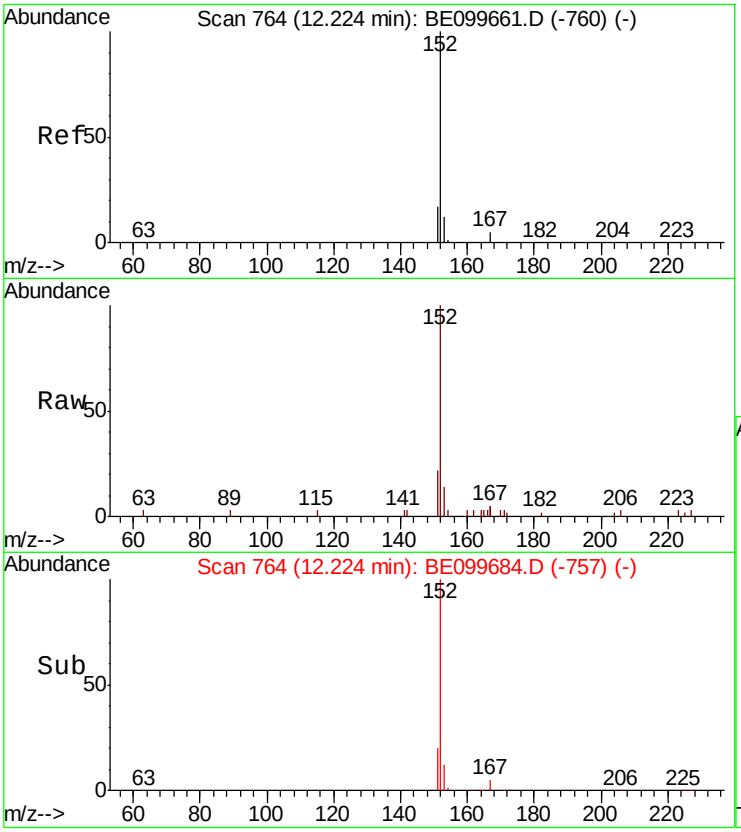


#10
Hexachlorobutadiene
Concen: 0.356 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:225 Resp: 1761

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.8	77.6
227	64.6	52.6	79.0



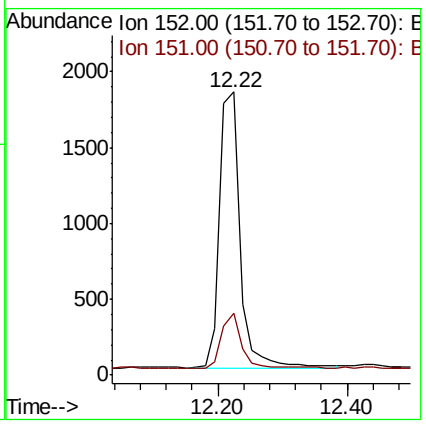


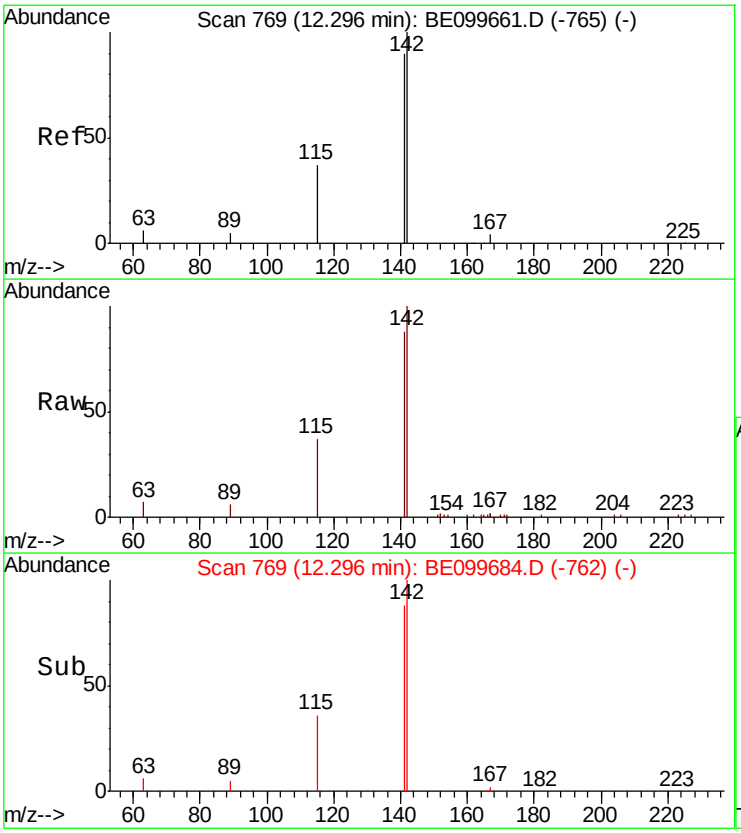
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4001

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.0	22.4

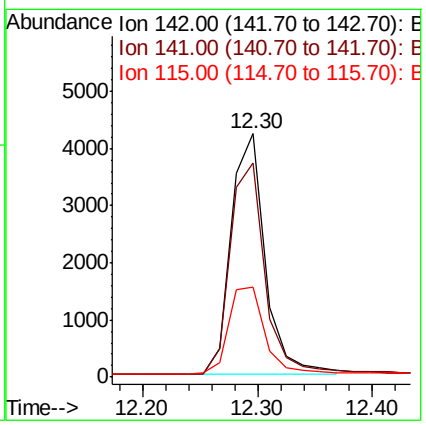


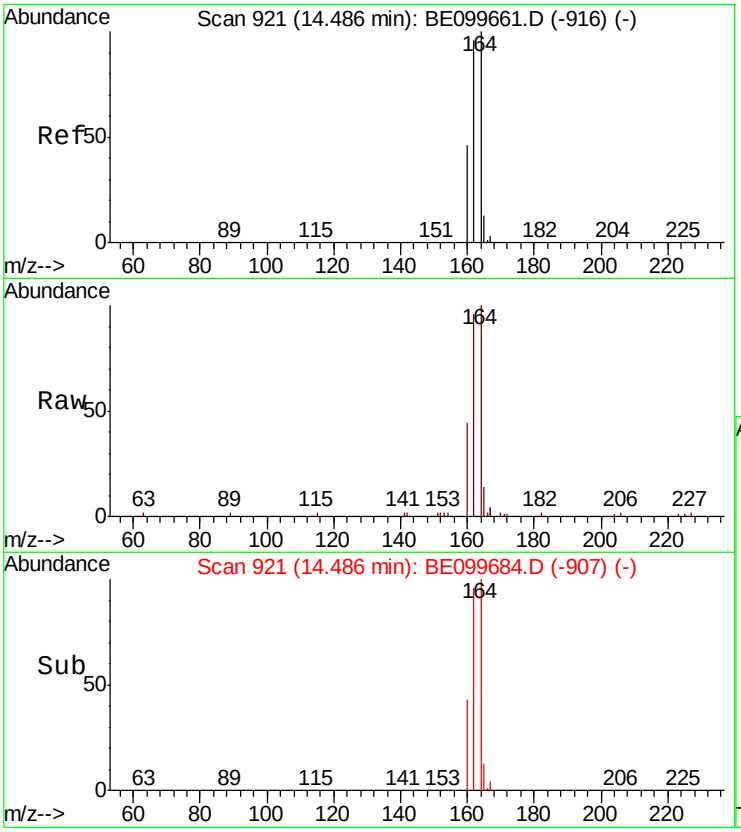


#12
2-Methylnaphthalene
Concen: 0.790 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:142 Resp: 8647

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.0	108.0
115	36.7	31.0	46.4



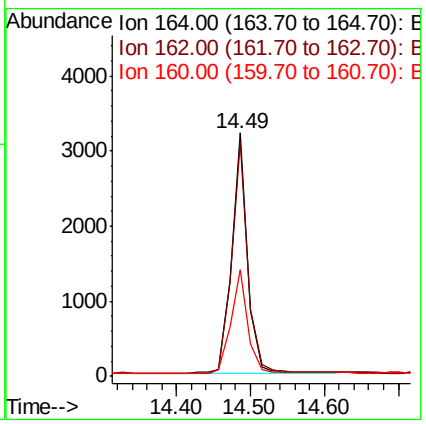


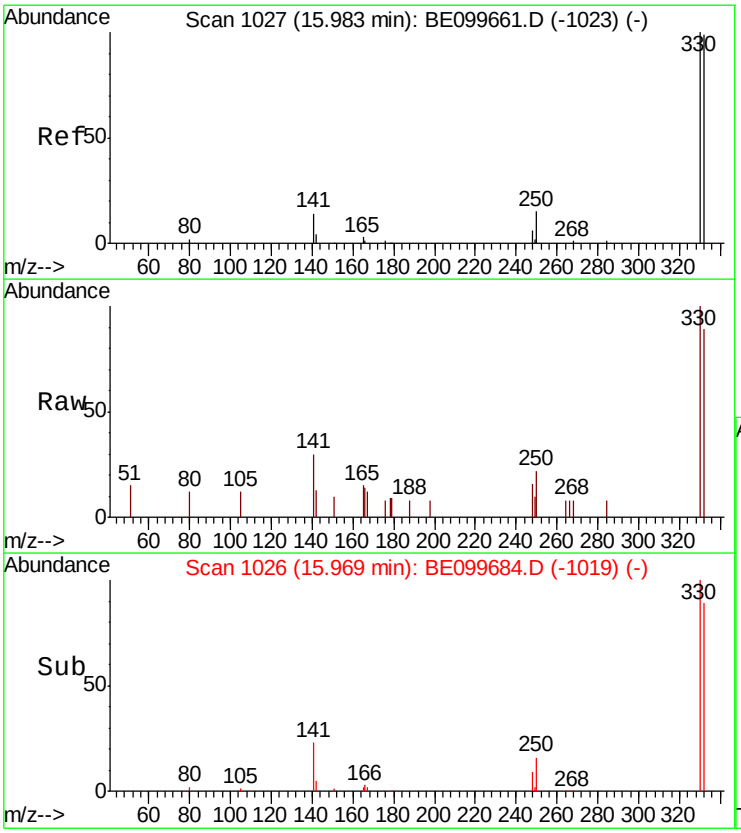
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 4741

Ion	Ratio	Lower	Upper
164	100		
162	96.2	76.5	114.7
160	43.8	37.4	56.2

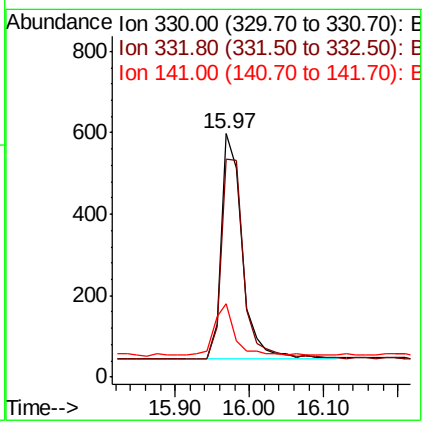


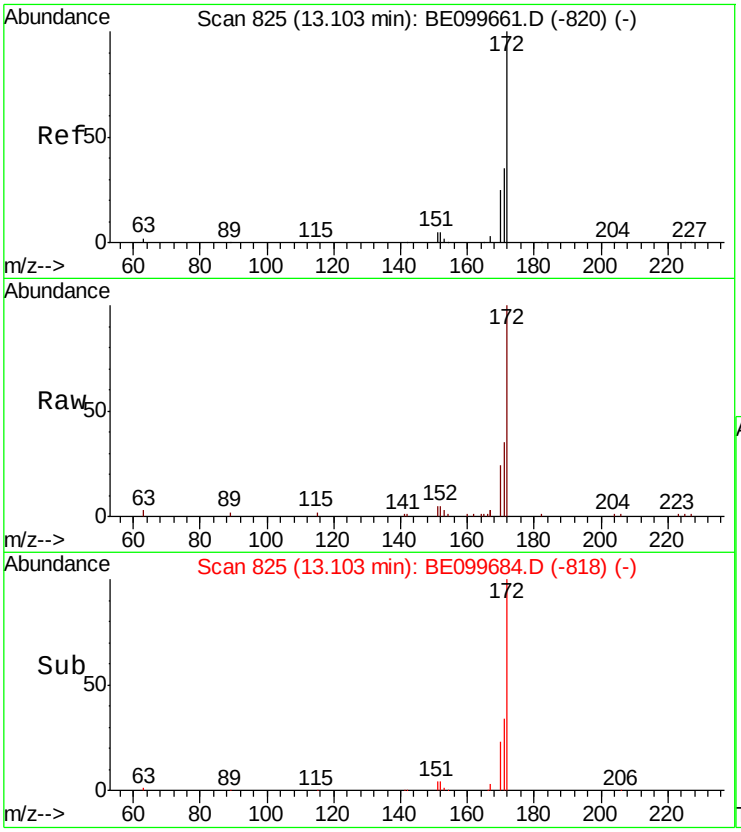


#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:330 Resp: 1095

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	22.5	18.9	28.3



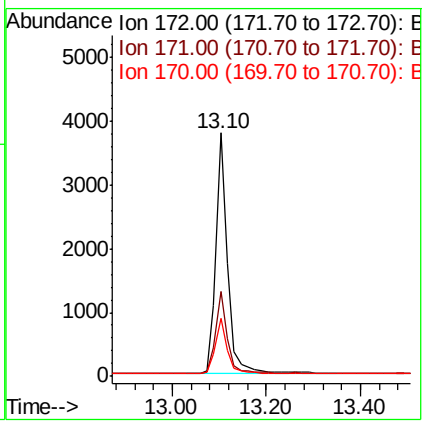


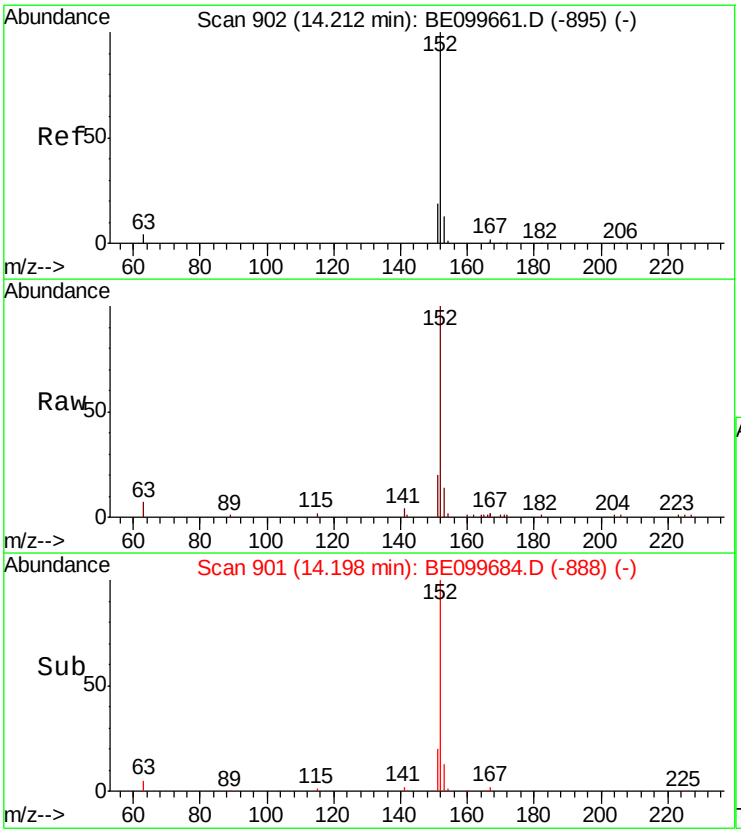
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6440

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	24.0	20.9	31.3

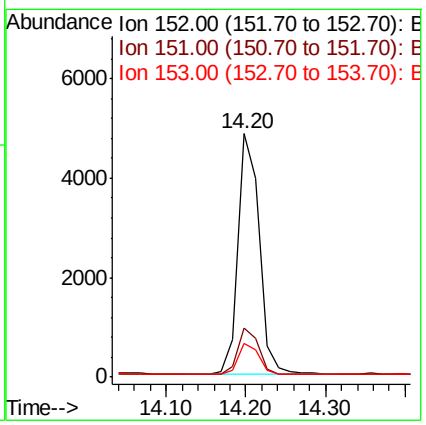


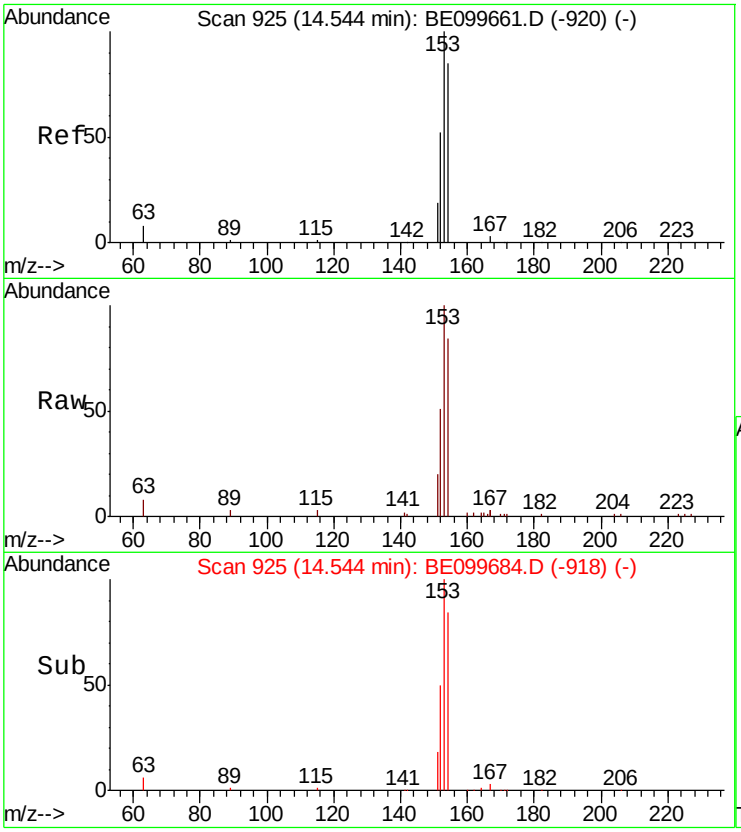


#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:152 Resp: 8957

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.9	23.9
153	13.1	10.6	16.0



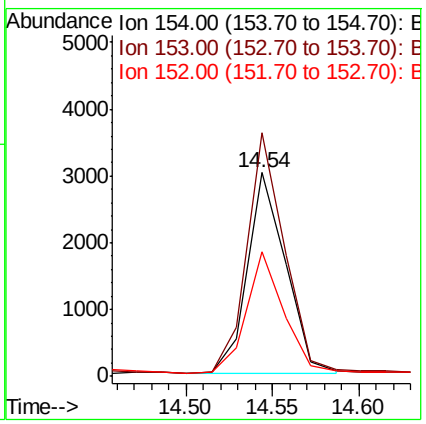


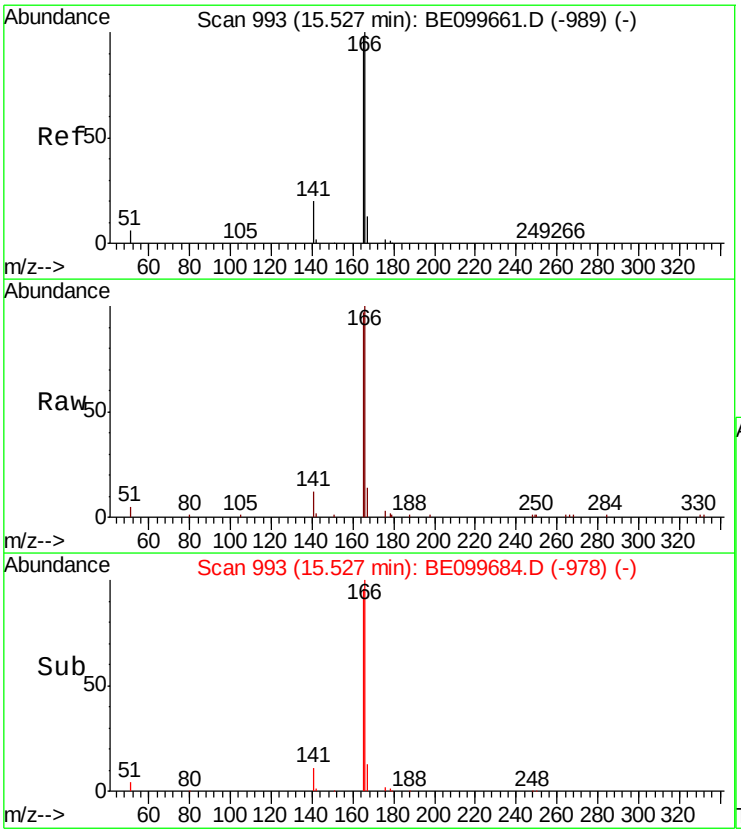
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4620

Ion	Ratio	Lower	Upper
154	100		
153	117.8	91.8	137.6
152	58.8	46.0	69.0

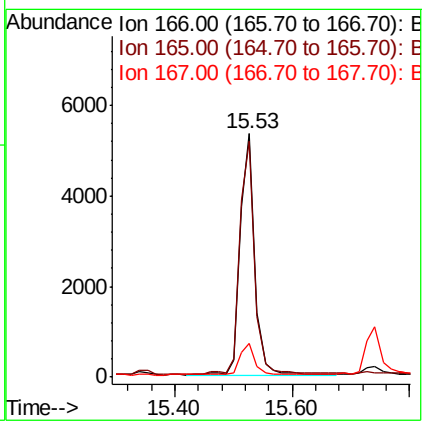


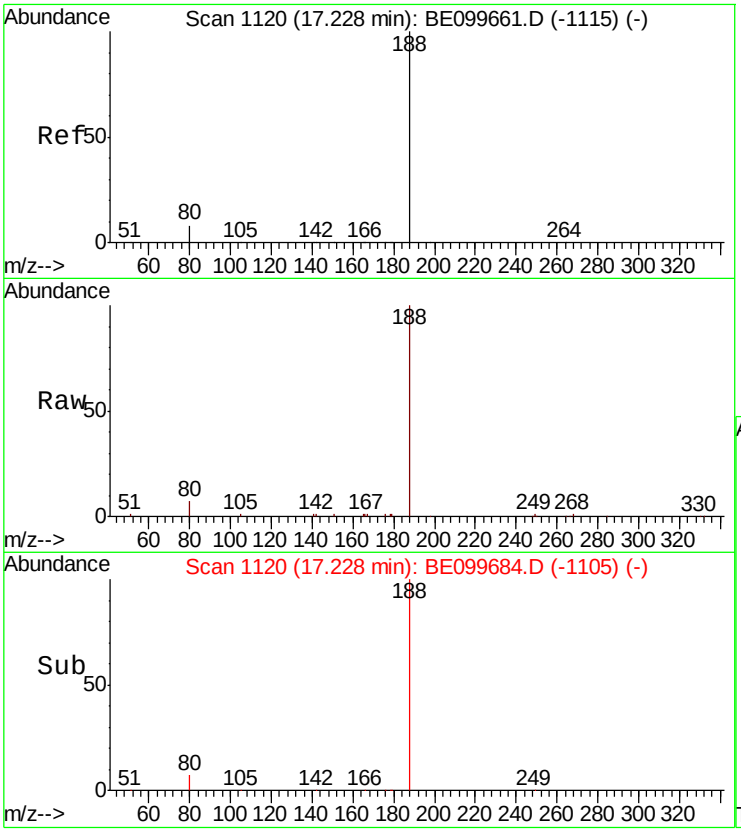


#18
Fluorene
Concen: 0.504 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:166 Resp: 9212

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.3	120.5
167	12.7	10.6	16.0



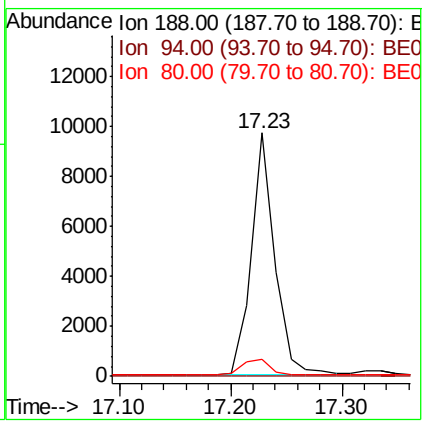


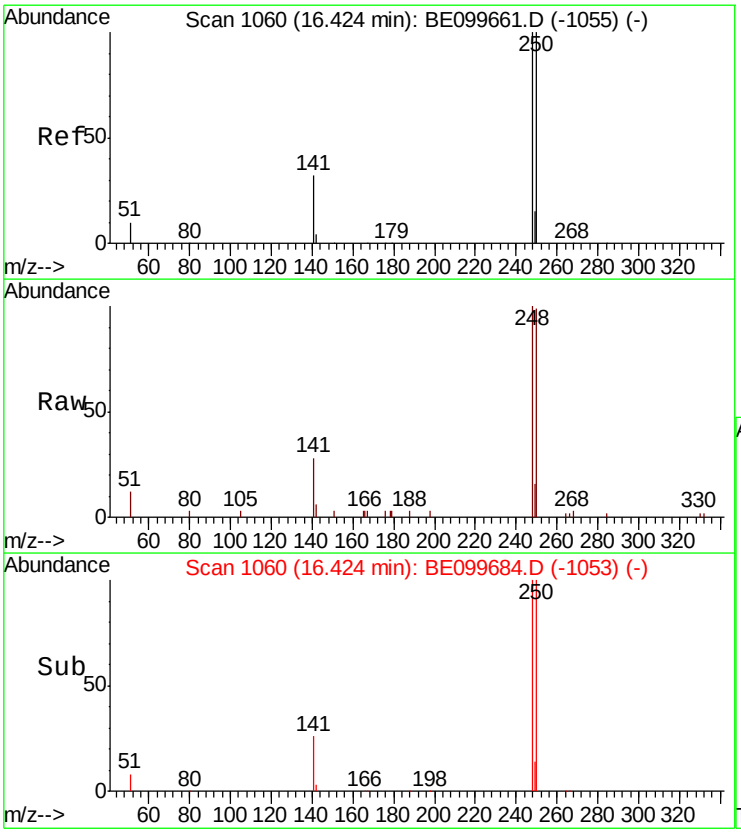
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 14288

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.7	10.1

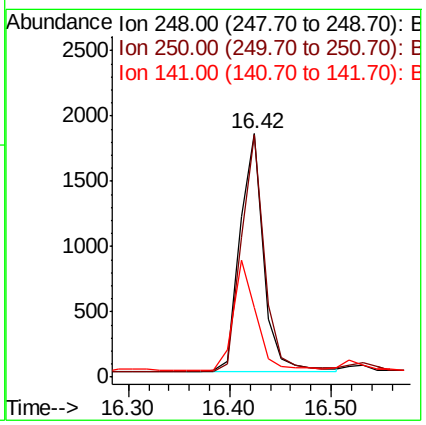


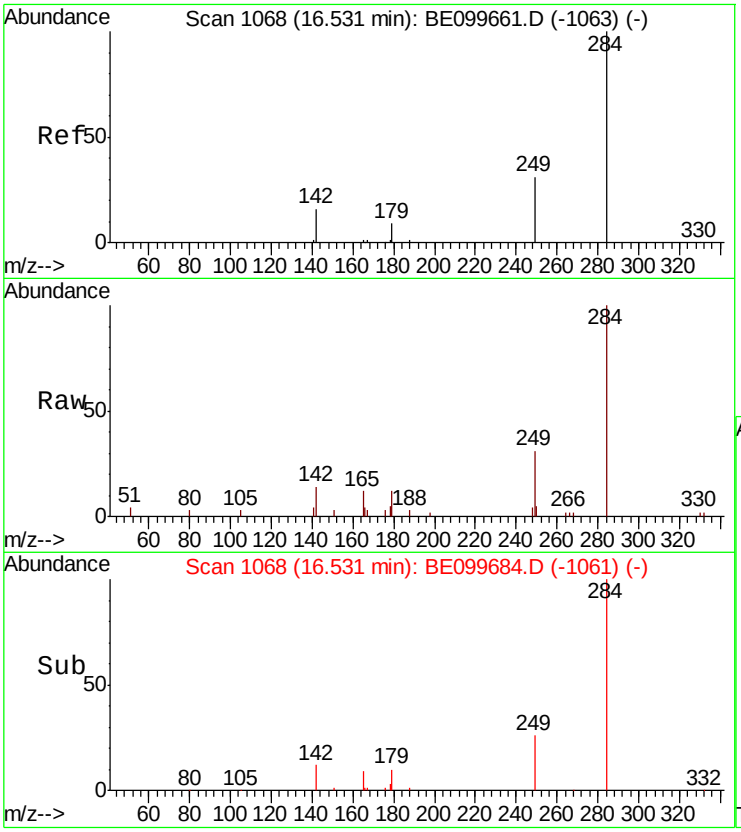


#20
4-Bromophenyl-phenylether
Concen: 0.360 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:248 Resp: 2965

Ion	Ratio	Lower	Upper
248	100		
250	99.5	79.8	119.8
141	28.4	27.0	40.6



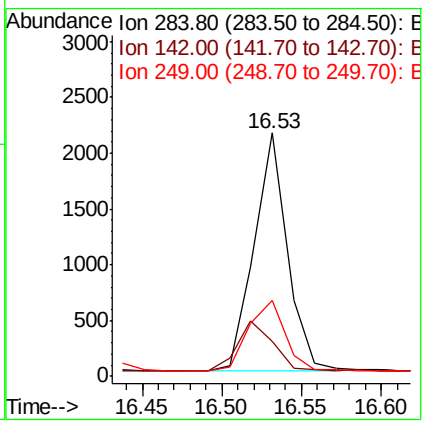


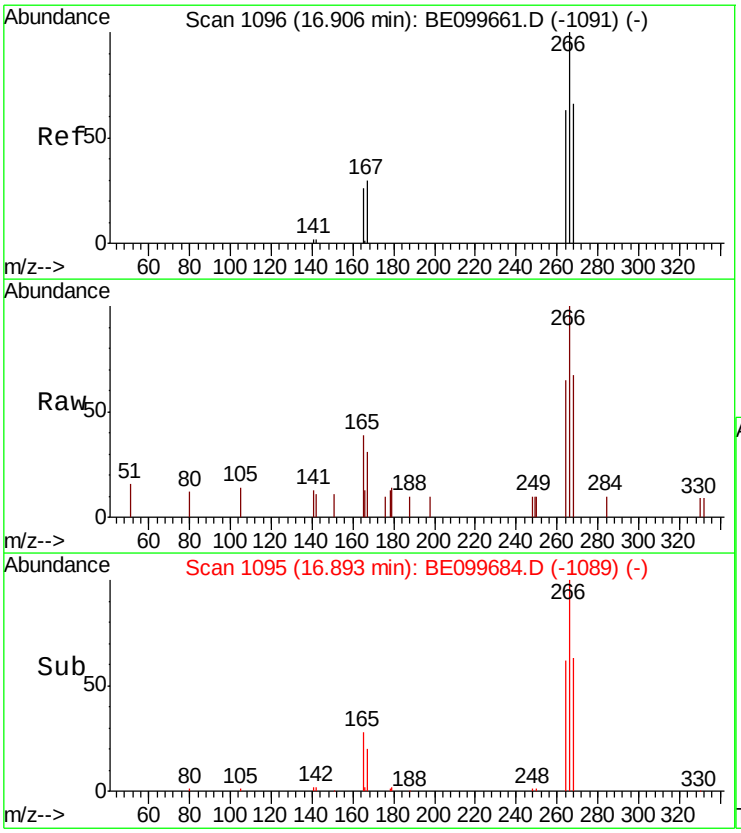
#21
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3085

Ion	Ratio	Lower	Upper
284	100		
142	22.0	17.8	26.6
249	32.1	24.8	37.2

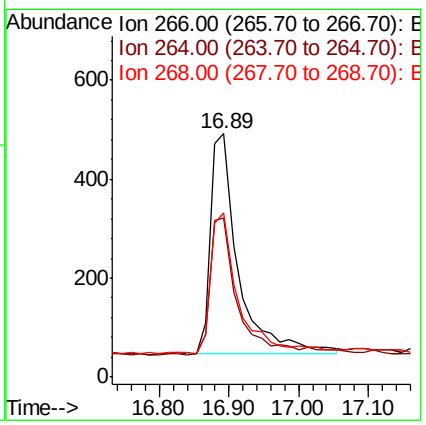


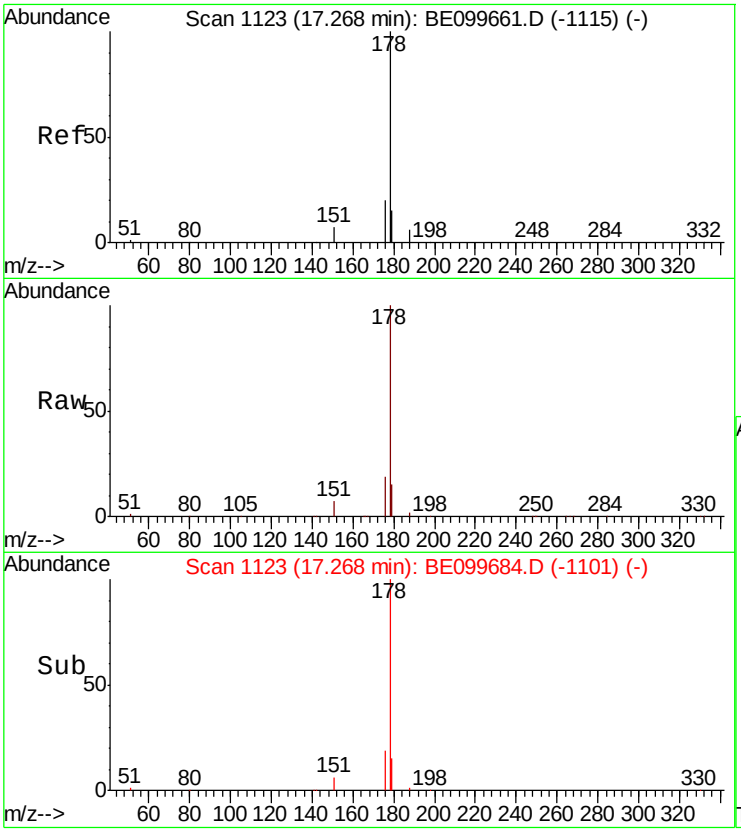


#22
Pentachlorophenol
Concen: 0.647 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:266 Resp: 1251

Ion	Ratio	Lower	Upper
266	100		
264	65.4	57.2	85.8
268	67.3	60.5	90.7



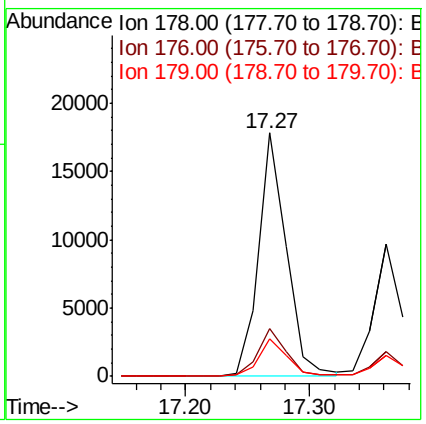


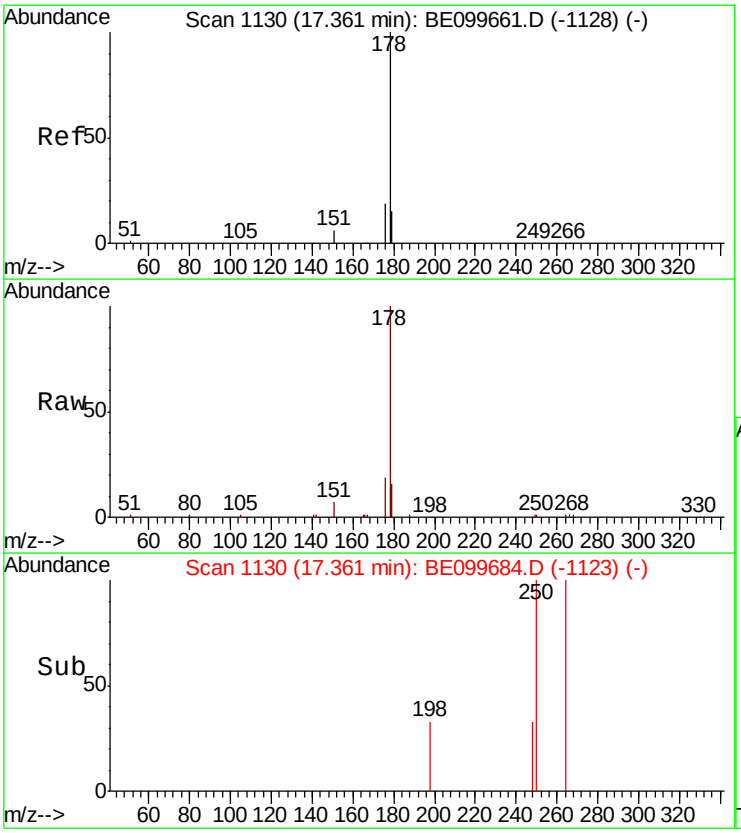
#23
Phenanthrene
Concen: 0.791 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 27612

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.3	12.2	18.4

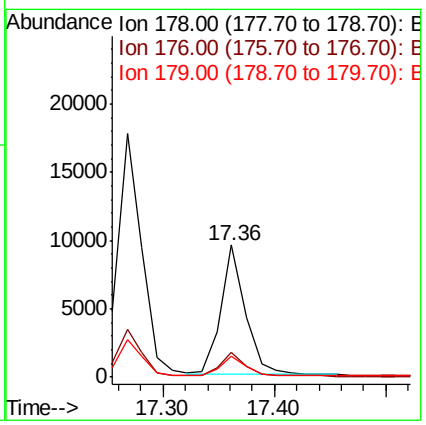


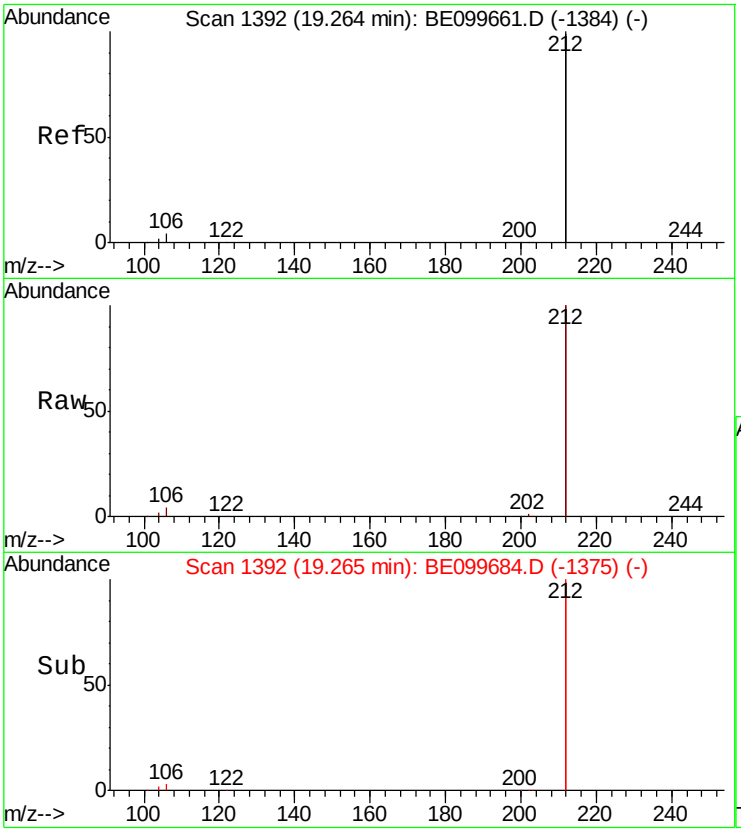


#24
Anthracene
Concen: 0.461 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:178 Resp: 14591

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	15.6	12.0	18.0



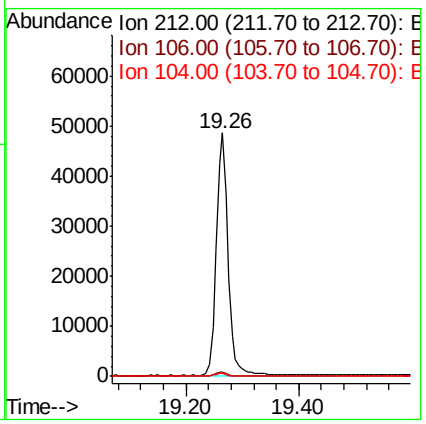


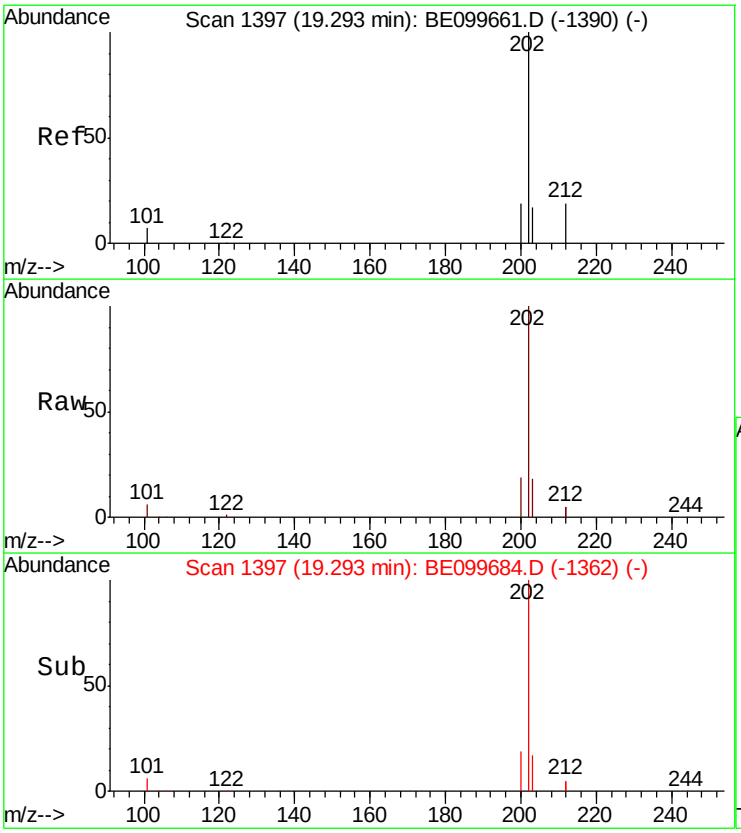
#25
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 70236

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

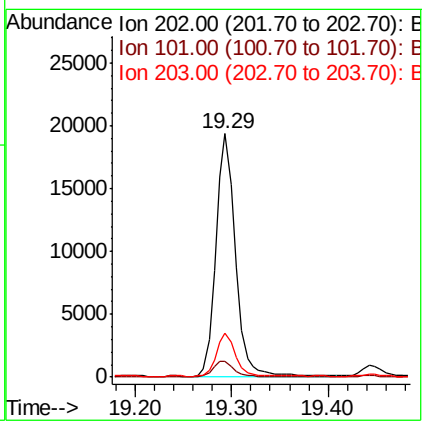


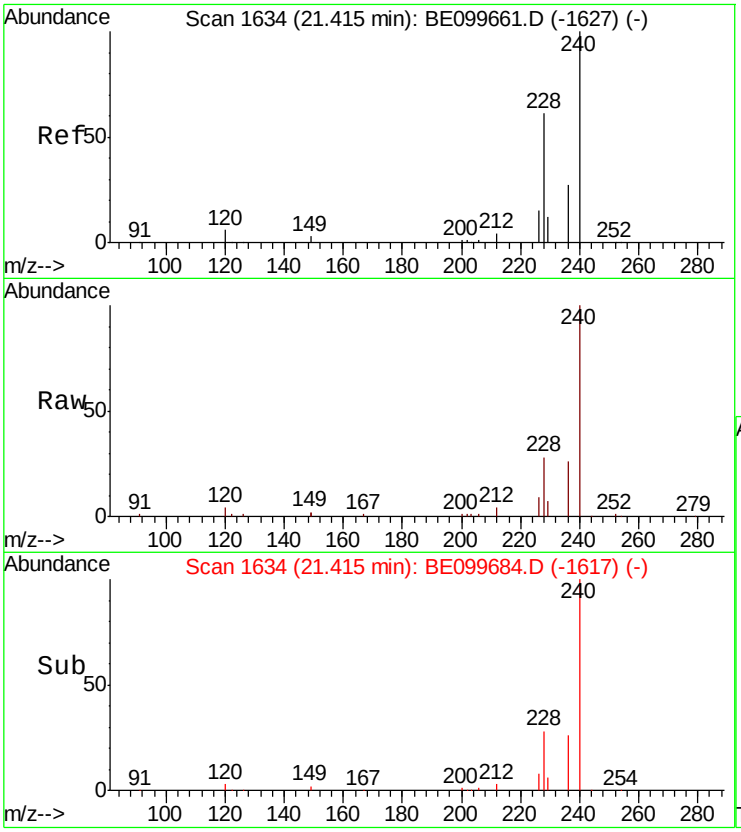


#26
Fluoranthene
Concen: 0.496 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:202 Resp: 27389

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.2	7.8
203	17.2	13.8	20.6



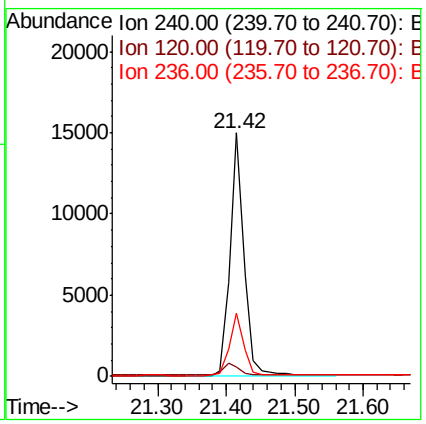


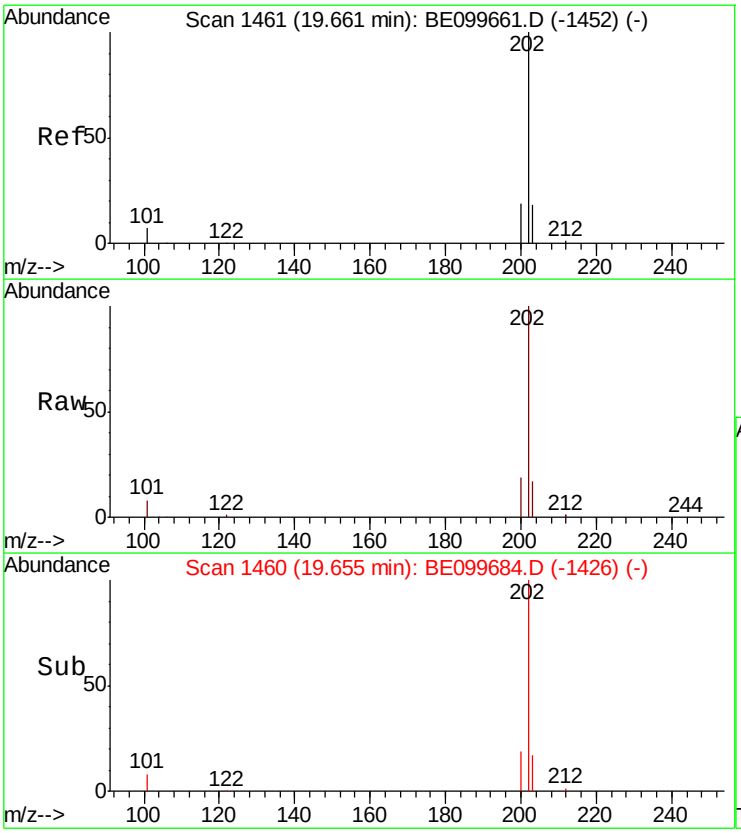
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 21091

Ion	Ratio	Lower	Upper
240	100		
120	4.0	5.4	8.0#
236	26.2	21.7	32.5

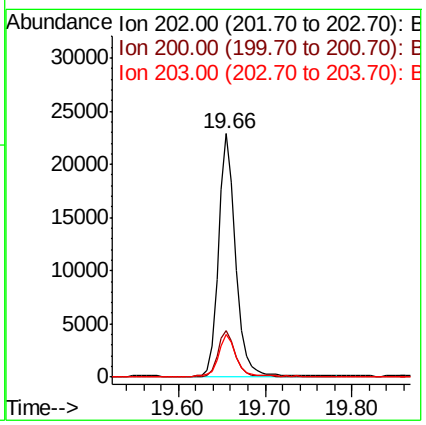


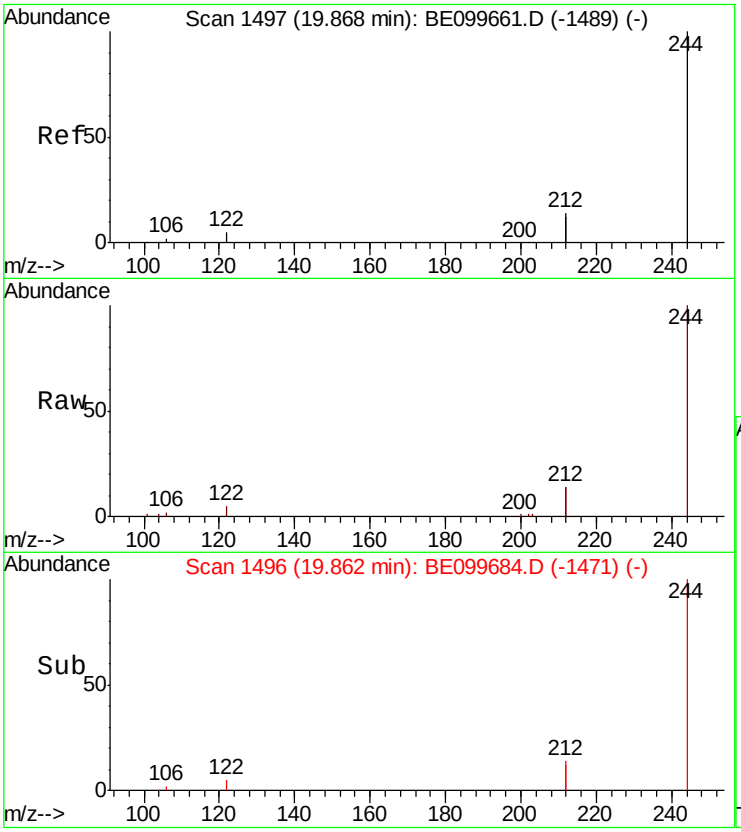


#28
Pyrene
Concen: 0.591 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:202 Resp: 31312

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.4	23.2
203	17.6	13.8	20.8



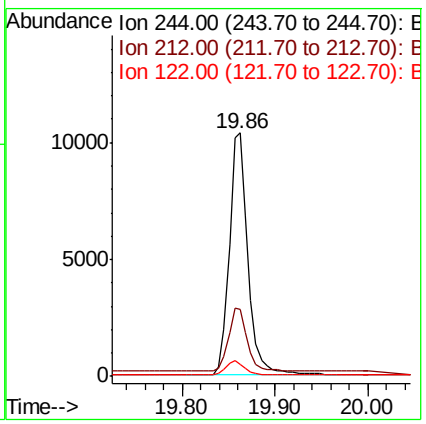


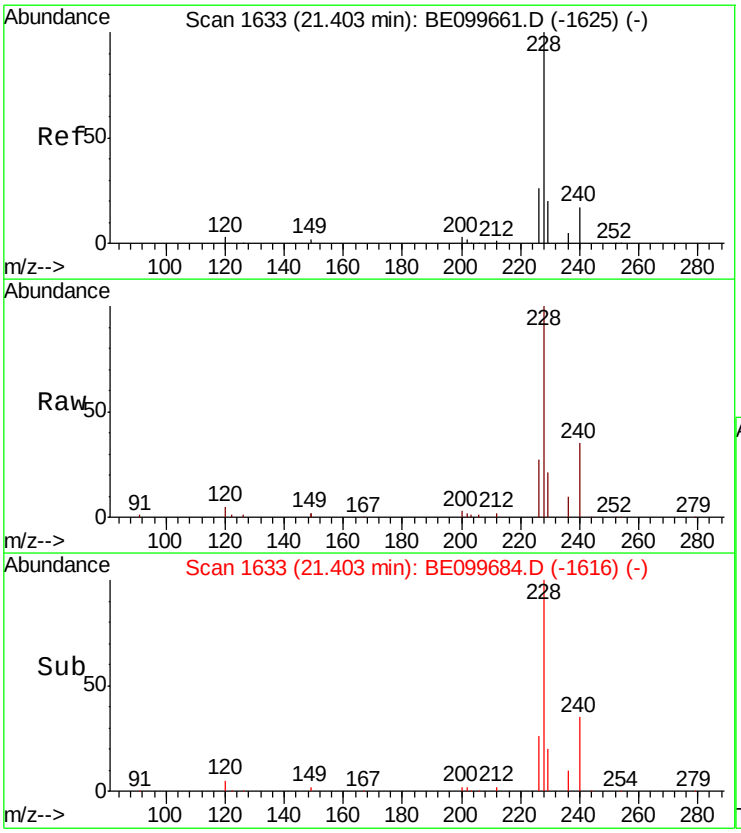
#29
Terphenyl-d14
Concen: 0.387 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 14577

Ion	Ratio	Lower	Upper
244	100		
212	27.5	22.5	33.7
122	5.1	4.3	6.5

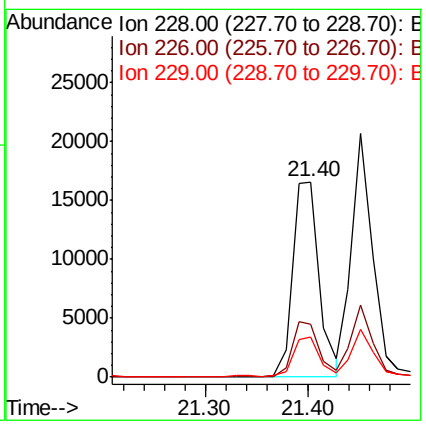


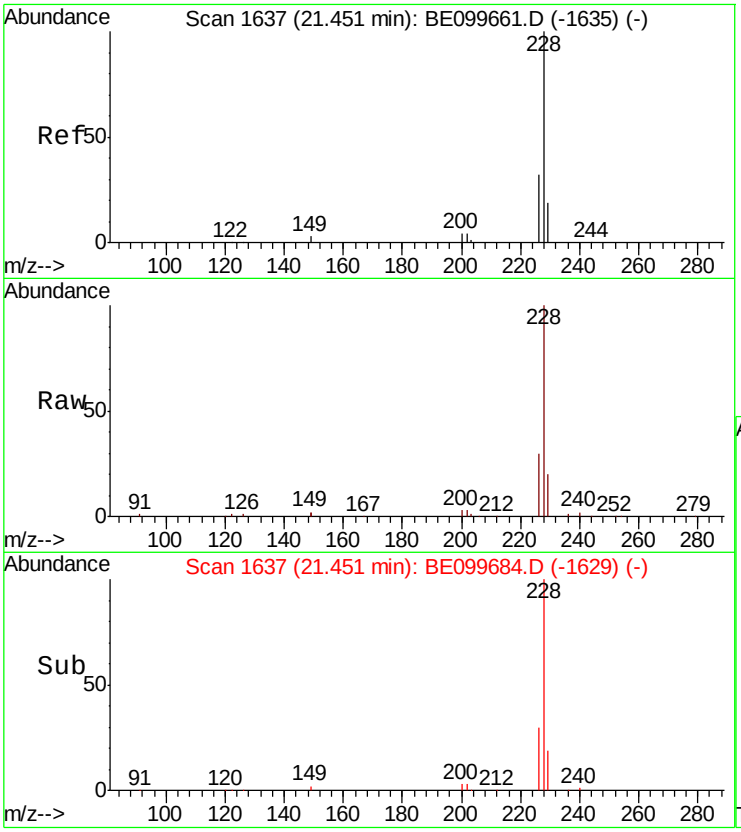


#30
Benzo(a)anthracene
Concen: 0.496 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:228 Resp: 29713

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.7	16.1	24.1



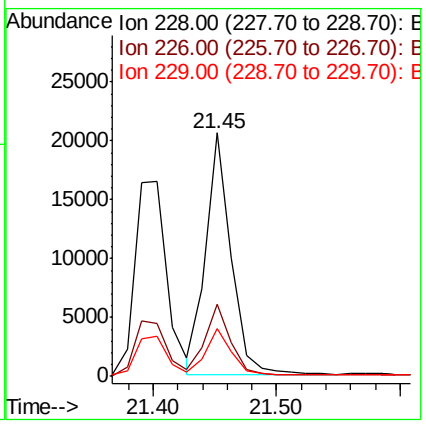


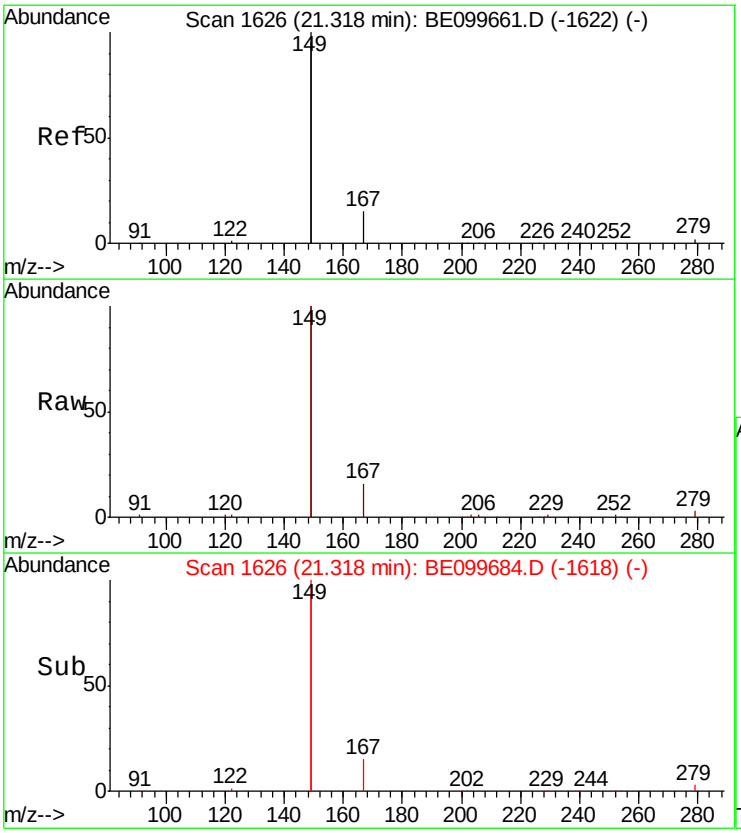
#31
Chrysene
Concen: 0.454 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 29107

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	19.8	15.8	23.6

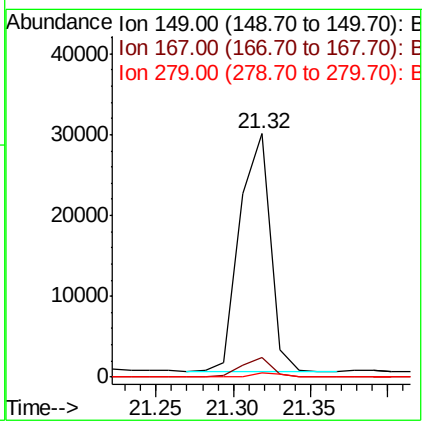


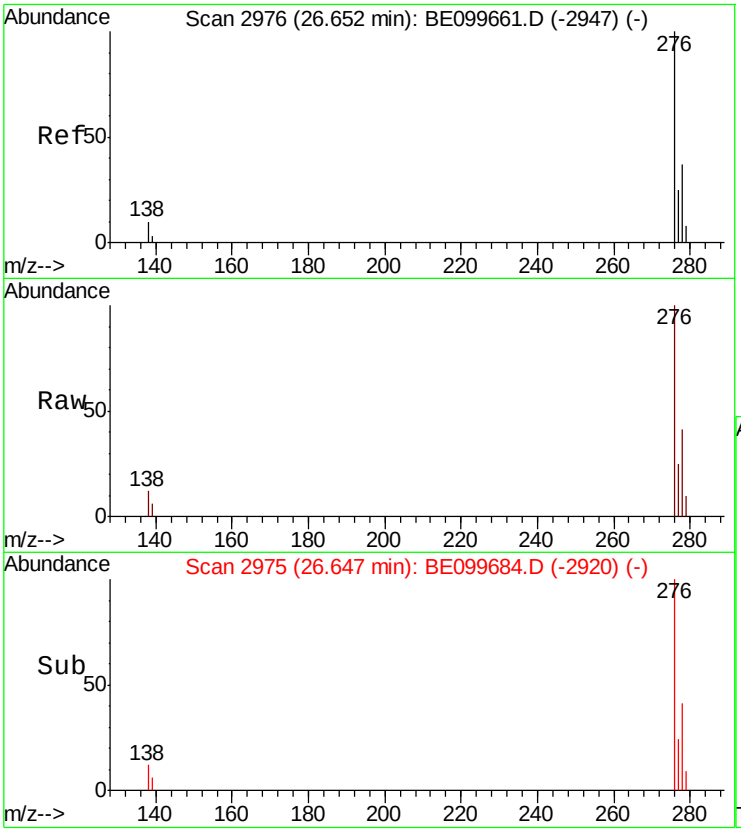


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.583 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:149 Resp: 40236

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.2	9.4
279	1.5	1.2	1.8



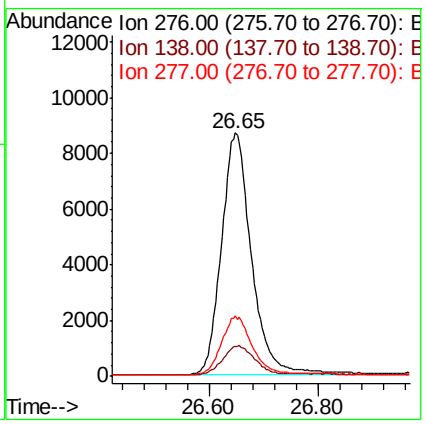


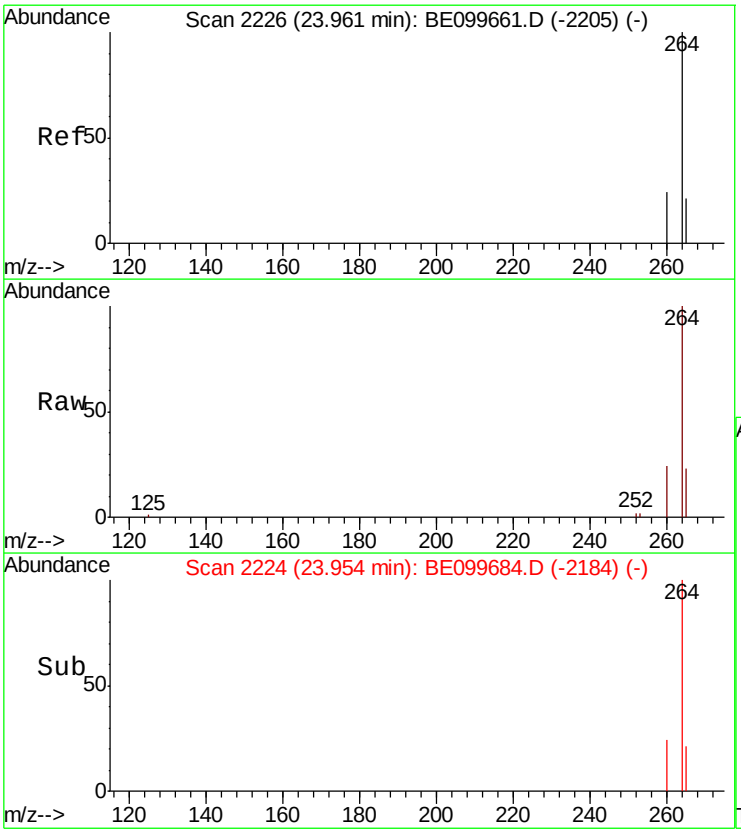
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng
RT: 26.65 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 33199

Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.6	14.4
277	24.6	19.2	28.8

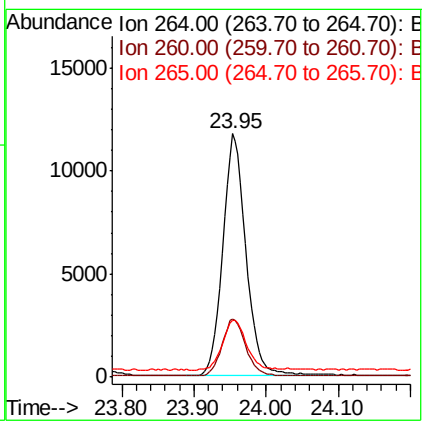


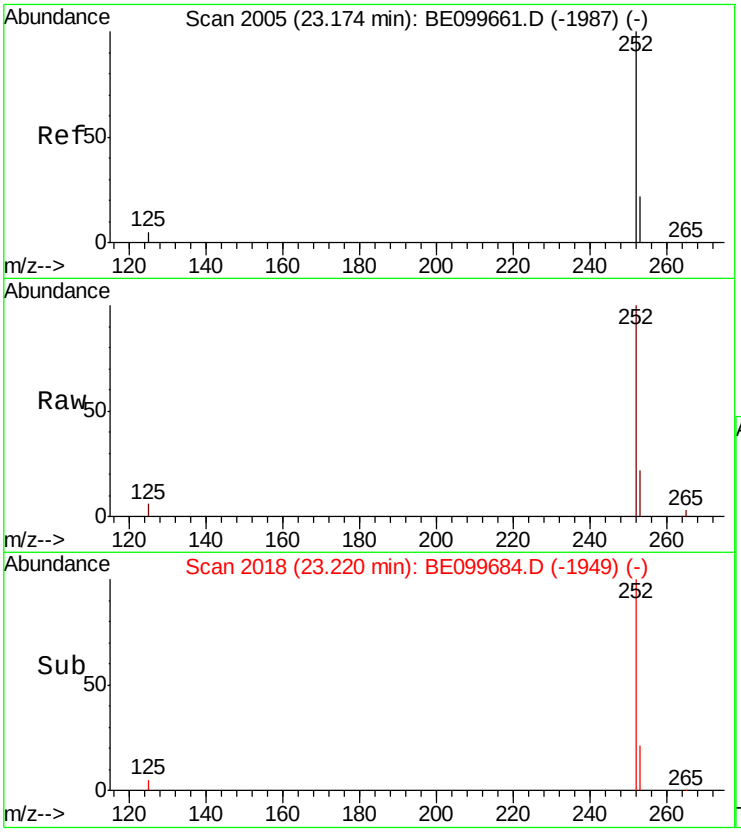


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:264 Resp: 25969

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	23.4	19.1	28.7



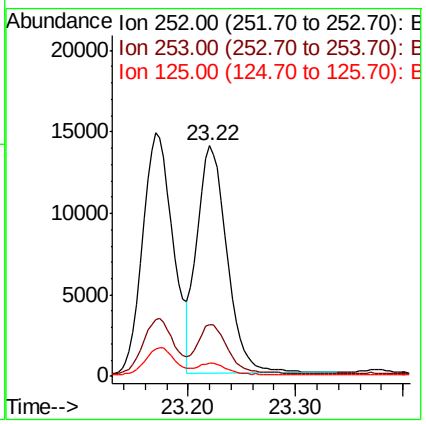


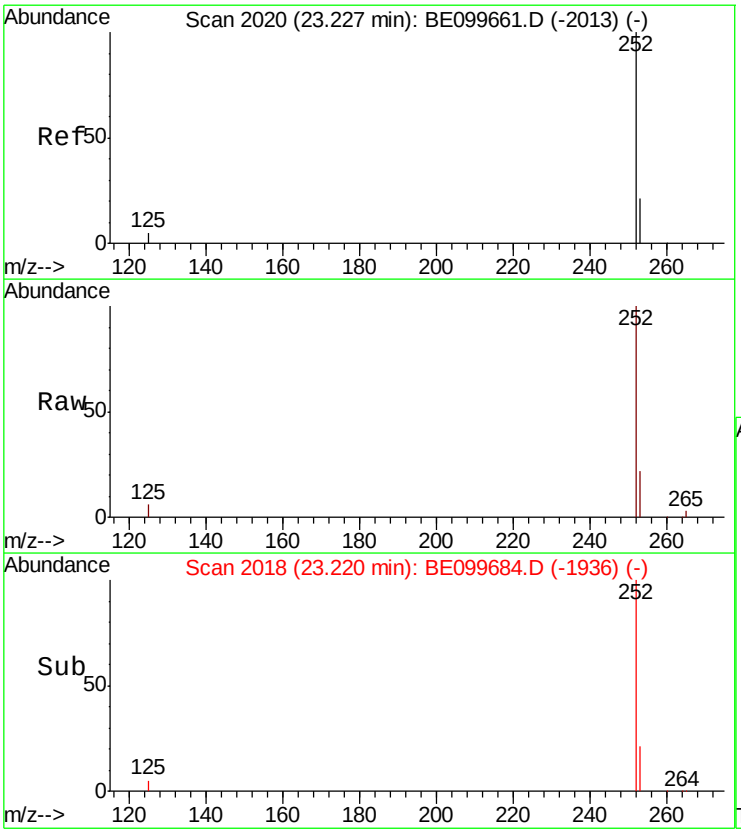
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 23.22 min Scan# 2018
Delta R.T. 0.05 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27238

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	5.8	4.5	6.7

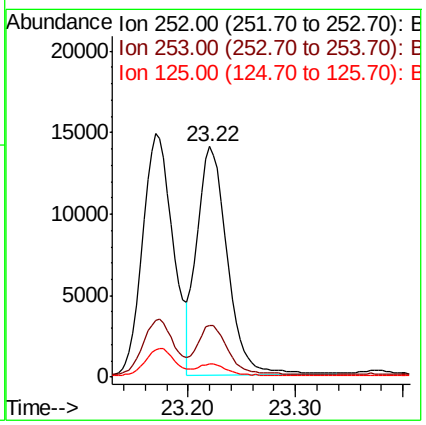


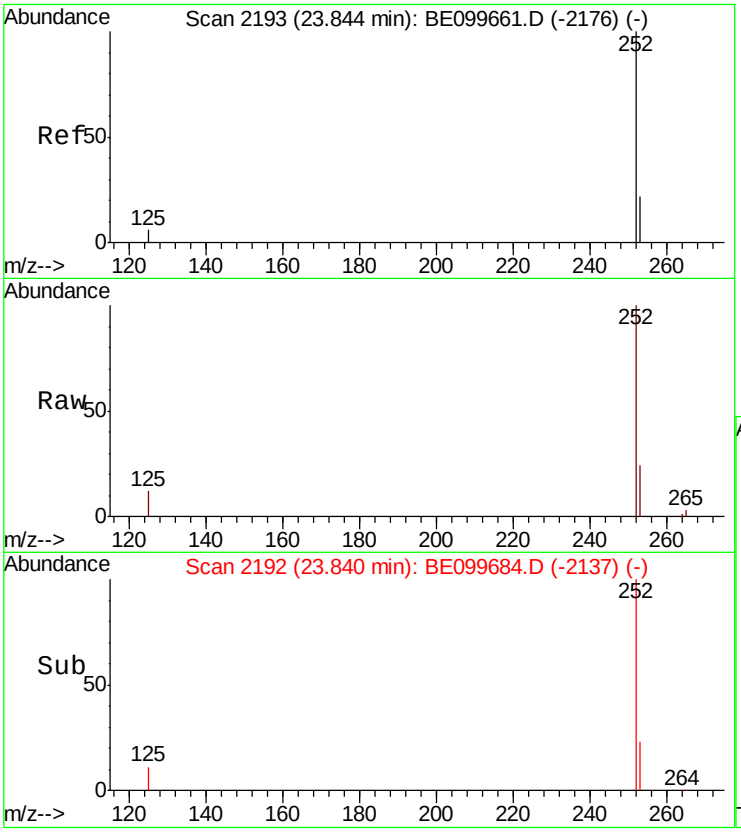


#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.22 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:252 Resp: 27647

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	5.8	4.6	6.8



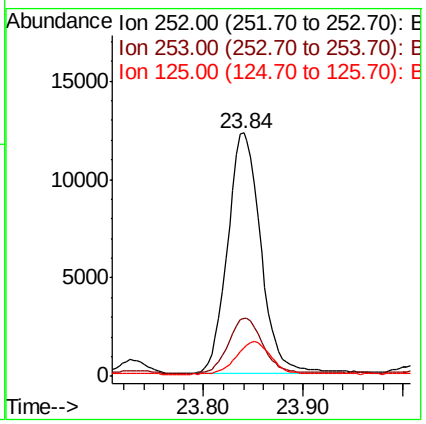


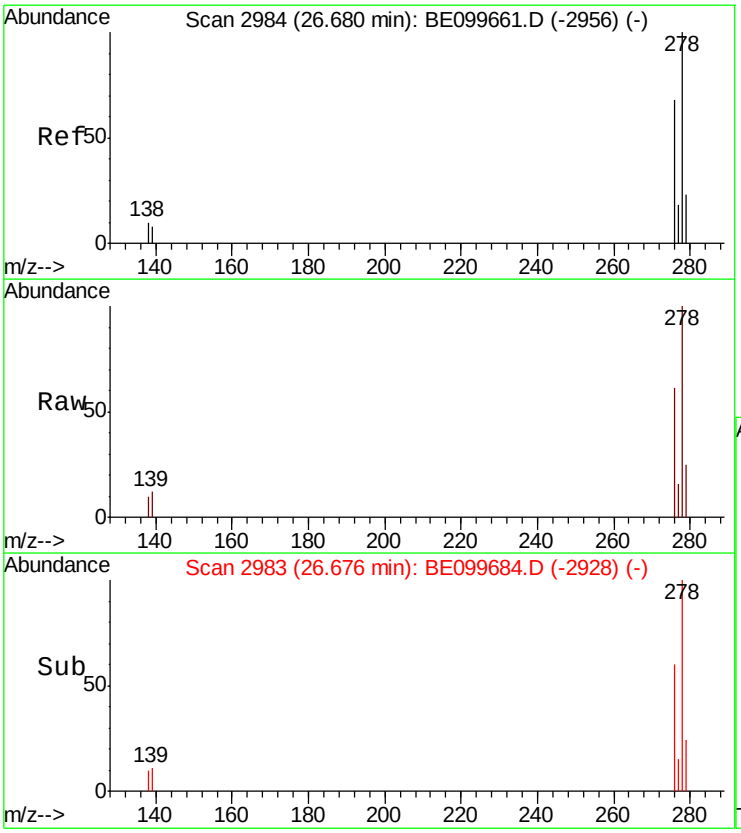
#37
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 28454

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	11.6	5.4	8.0#

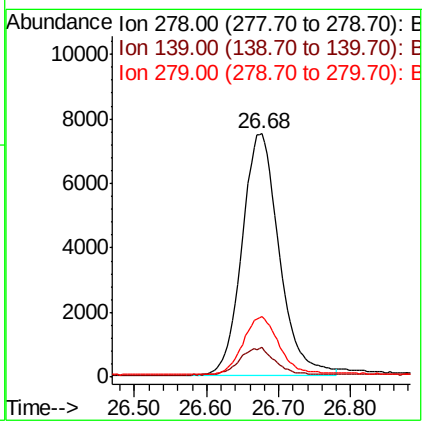


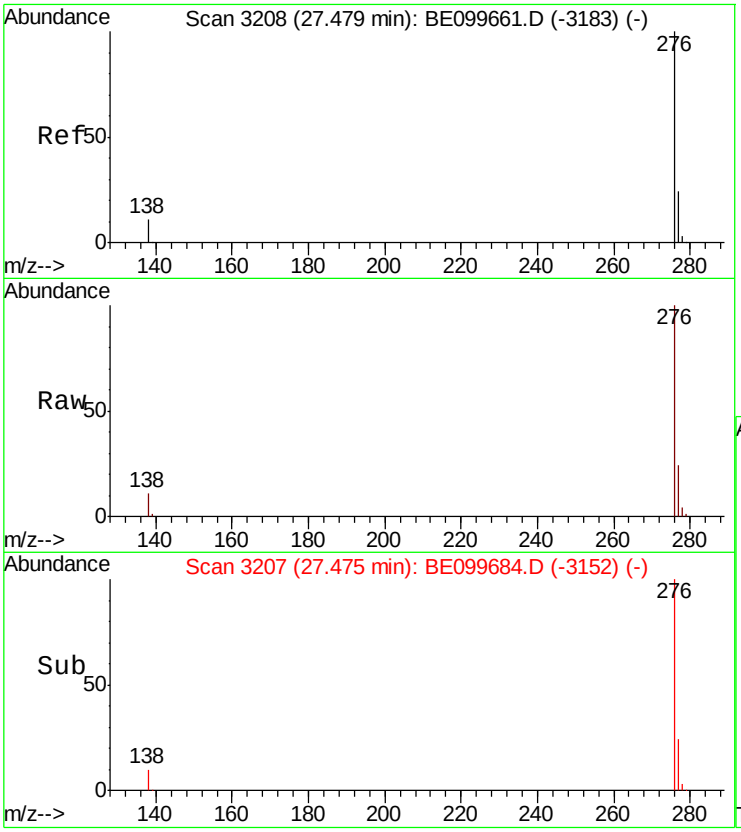


#38
Dibenzo(a,h)anthracene
Concen: 0.365 ng
RT: 26.68 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:278 Resp: 26235

Ion	Ratio	Lower	Upper
278	100		
139	12.1	6.9	10.3#
279	24.8	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.370 ng
RT: 27.47 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 26873

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.6
138	11.2	9.2	13.8