Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
Data File : BE099993.D
Acq On : 13 Jun 2019 17:10
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 14 03:25:21 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	7.79	152	585	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	2227	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	1858	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6395	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8366	0.40	ng		0.00
34) Perylene-d12	23.92	264	9548	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	634	0.40	ng		0.00
5) Phenol-d6	6.96	99	823	0.40	ng		0.00
8) Nitrobenzene-d5	8.96	82	843	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	1713	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	481	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	2816	0.40	ng		-0.01
25) Fluoranthene-d10	19.25	212	34795	0.37	ng		0.00
29) Terphenyl-d14	19.85	244	6614	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	349	0.403	ng		90
3) n-Nitrosodimethylamine	3.63	42	92	0.184	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	676	0.407	ng	#	72
9) Naphthalene	10.64	128	10386	0.432	ng		100
10) Hexachlorobutadiene	10.91	225	839	0.458	ng		99
12) 2-Methylnaphthalene	12.28	142	1683	0.431	ng		99
16) Acenaphthylene	14.18	152	3766	0.407	ng		99
17) Acenaphthene	14.53	154	2041	0.405	ng		99
18) Fluorene	15.51	166	3198	0.423	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	1422	0.393	ng		96
21) Hexachlorobenzene	16.52	284	1556	0.420	ng		99
22) Pentachlorophenol	16.89	266	390	0.519	ng		97
23) Phenanthrene	17.25	178	6158	0.397	ng		99
24) Anthracene	17.35	178	5457	0.384	ng		99
26) Fluoranthene	19.28	202	9929	0.376	ng		99
28) Pyrene	19.64	202	10146	0.462	ng		100
30) Benzo(a)anthracene	21.38	228	11084	0.443	ng		99
31) Chrysene	21.44	228	11564	0.447	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	12936	0.361	ng		99
33) Indeno(1,2,3-cd)pyrene	26.61	276	13715	0.447	ng		99
35) Benzo(b)fluoranthene	23.14	252	10959	0.410	ng		98
36) Benzo(k)fluoranthene	23.20	252	11519	0.412	ng		98
37) Benzo(a)pyrene	23.81	252	10823	0.411	ng		99
38) Dibenzo(a,h)anthracene	26.64	278	10809	0.407	ng		98
39) Benzo(g,h,i)perylene	27.43	276	11545	0.421	ng		99

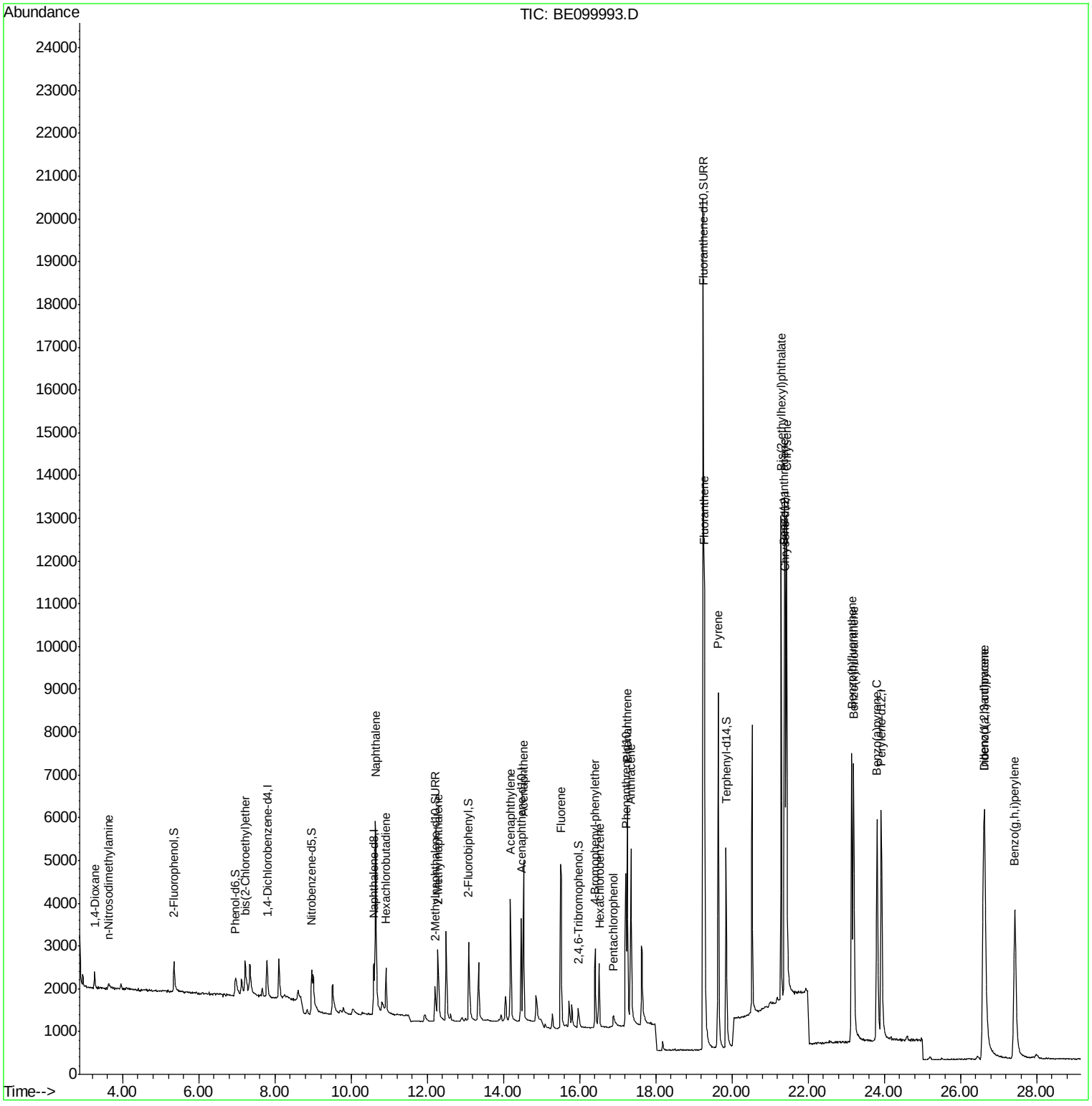
(#) = qualifier out of range (m) = manual integration (+) = signals summed

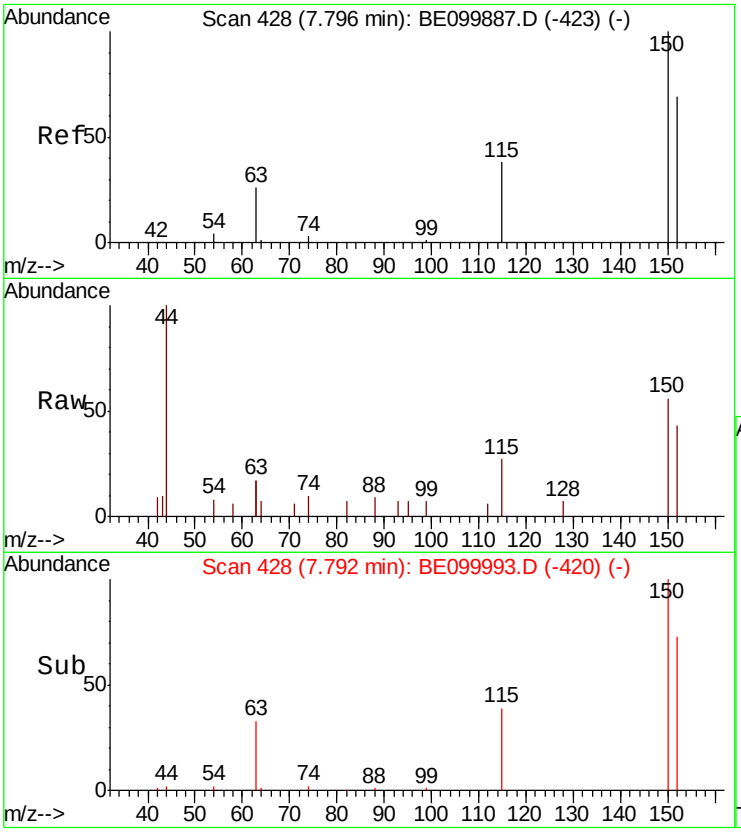
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
Data File : BE099993.D
Acq On : 13 Jun 2019 17:10
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 14 03:25:21 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



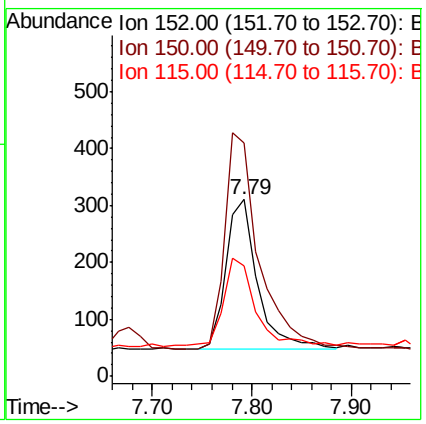


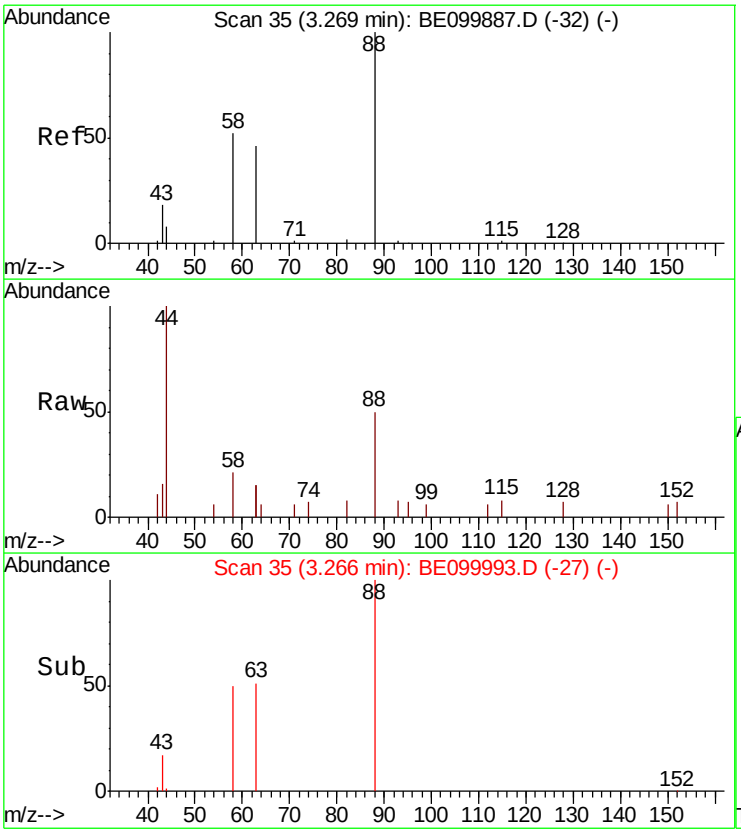
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 585

Ion	Ratio	Lower	Upper
152	100		
150	132.3	111.0	166.6
115	62.9	50.7	76.1

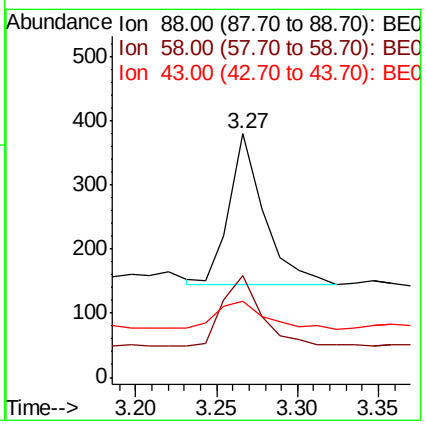


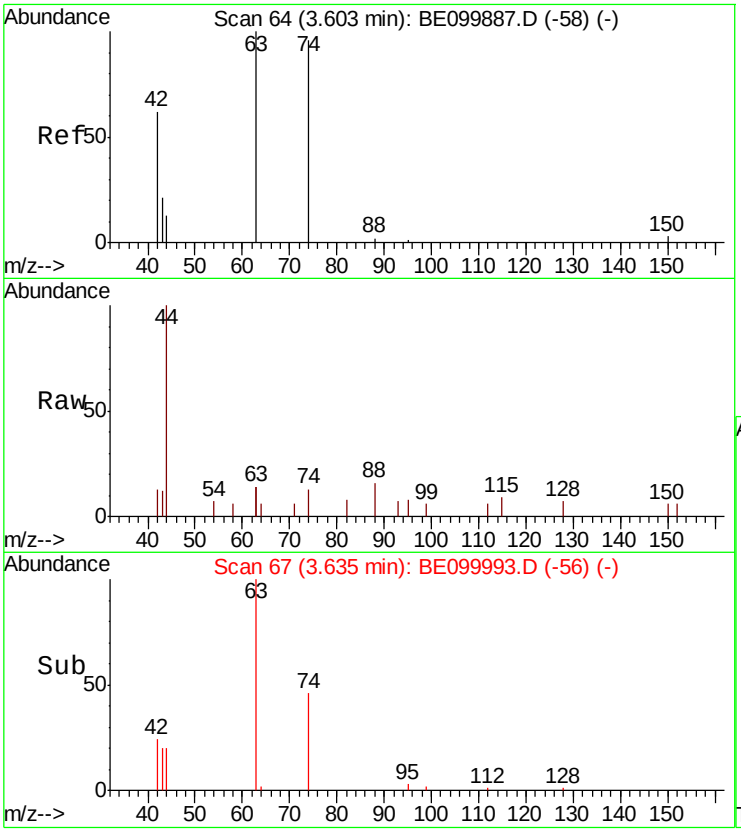


#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion: 88 Resp: 349

Ion	Ratio	Lower	Upper
88	100		
58	52.1	48.8	73.2
43	26.4	19.0	28.6



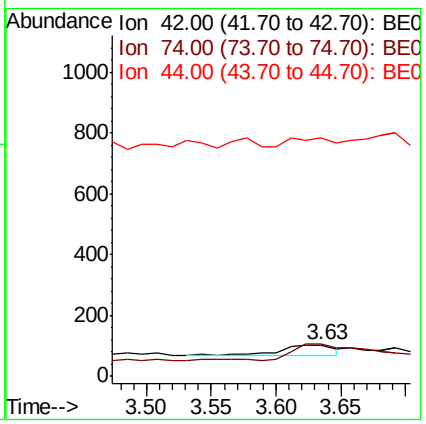


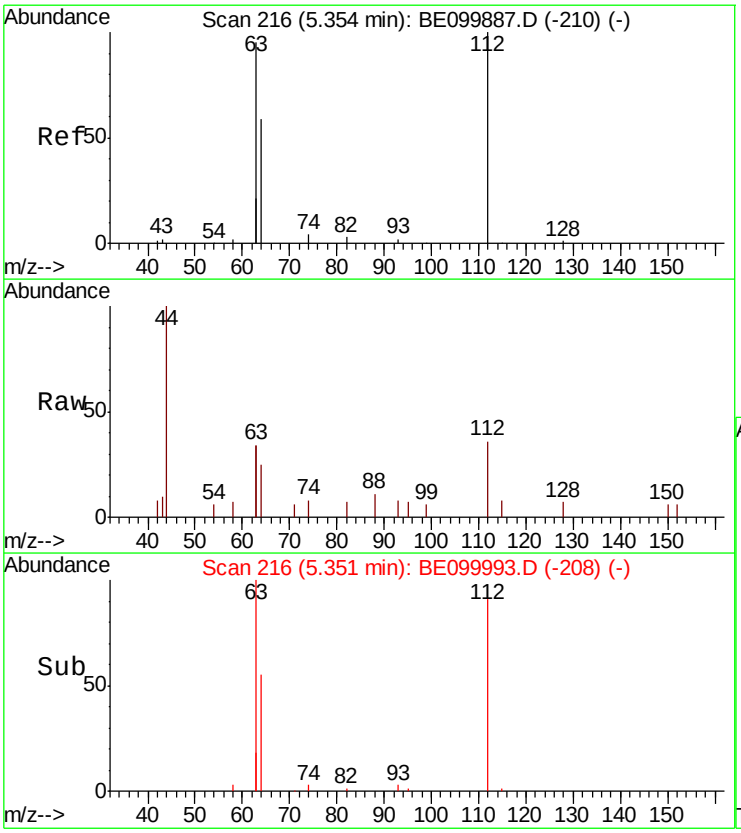
#3
n-Nitrosodimethylamine
Concen: 0.184 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 92

Ion	Ratio	Lower	Upper
42	100		
74	172.8	0.0	0.0#
44	0.0	0.0	0.0

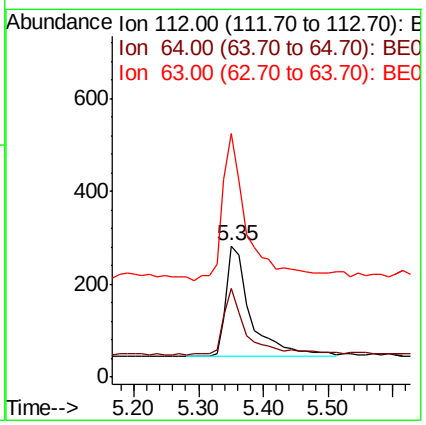


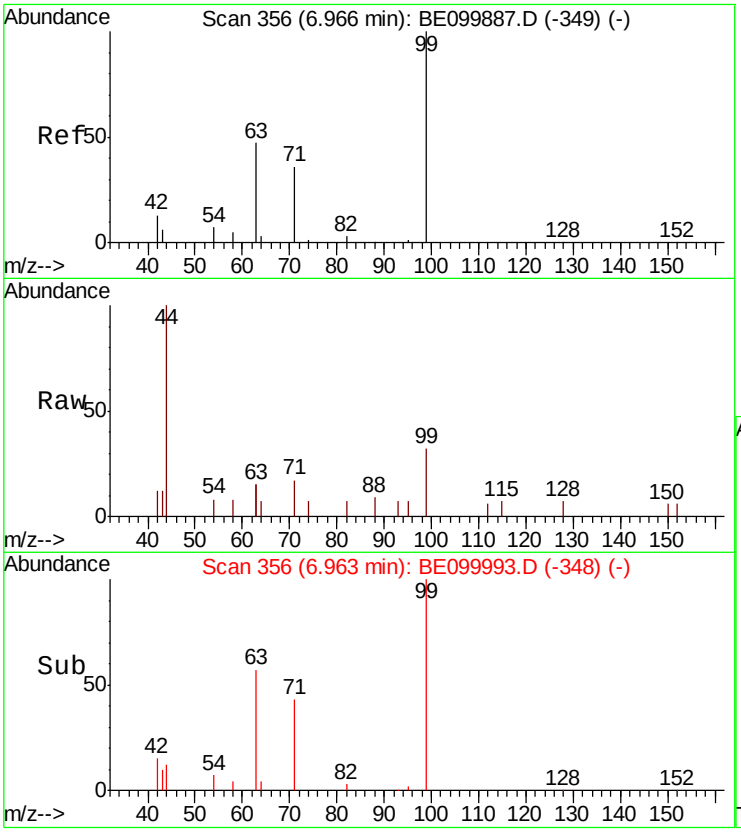


#4
2-Fluorophenol
Concen: 0.401 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:112 Resp: 634

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	132.5	87.8	131.6#



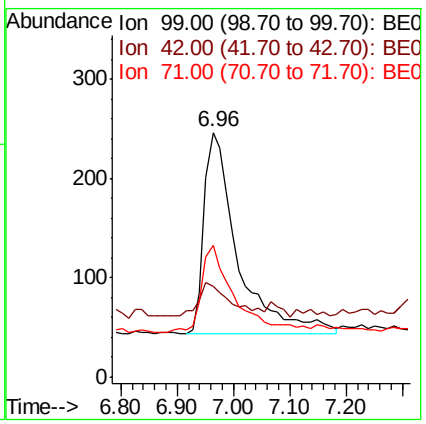


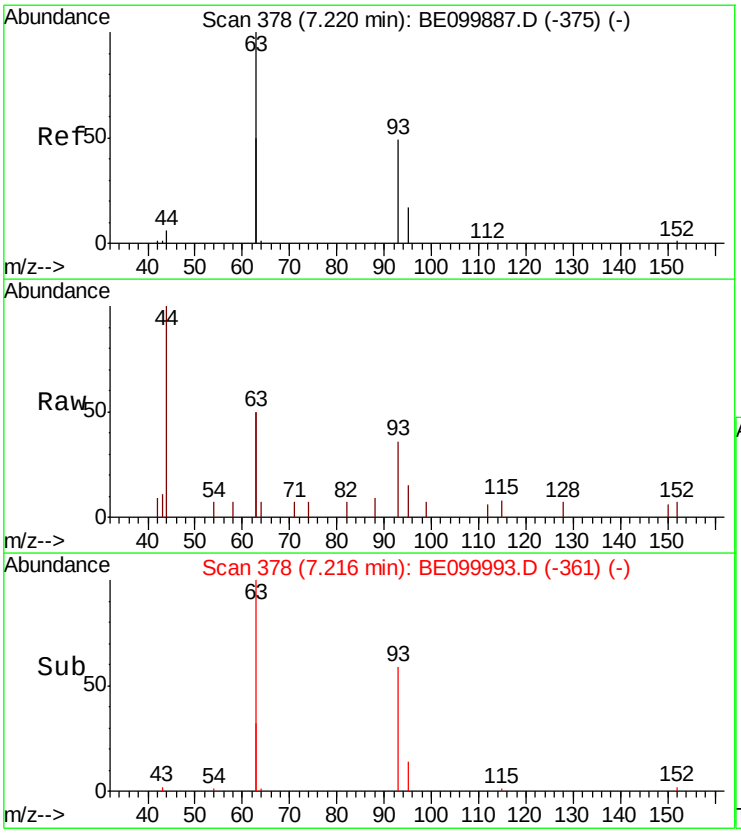
#5
Phenol-d6
Concen: 0.405 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 823

Ion	Ratio	Lower	Upper
99	100		
42	15.7	15.9	23.9#
71	41.9	34.6	52.0

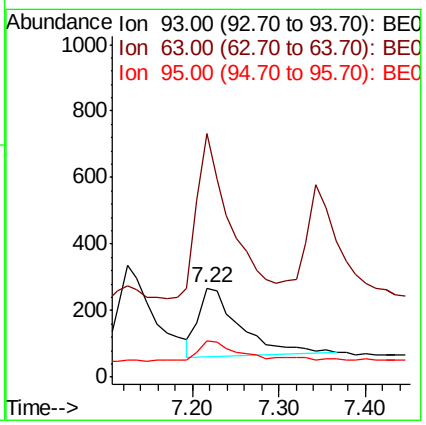


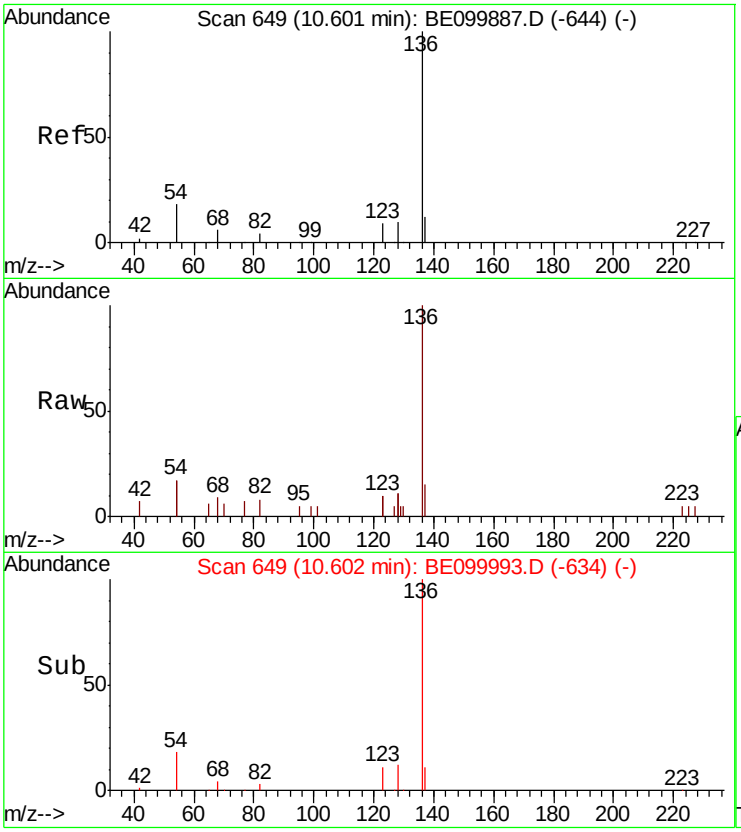


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion: 93 Resp: 676

Ion	Ratio	Lower	Upper
93	100		
63	199.1	202.8	304.2#
95	27.4	23.7	35.5



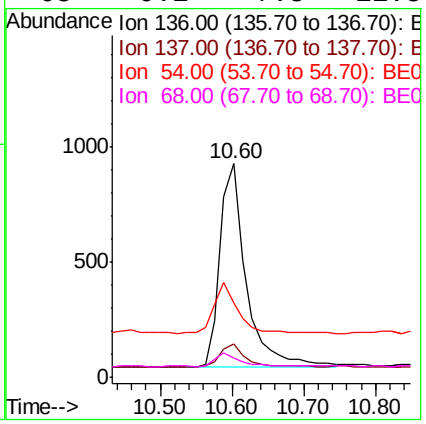


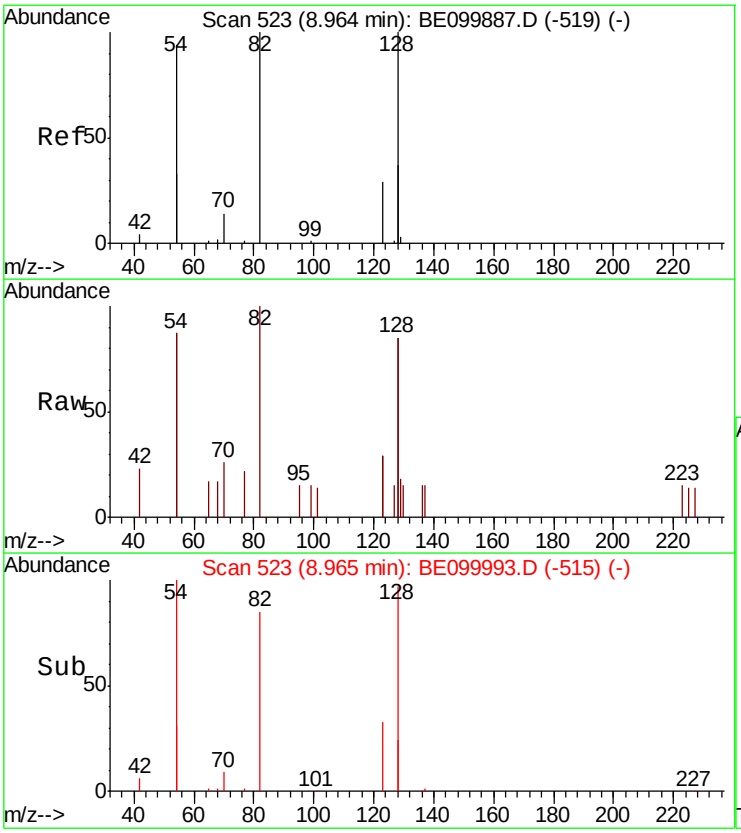
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2227

Ion	Ratio	Lower	Upper
136	100		
137	15.3	12.3	18.5
54	35.0	28.2	42.4
68	9.1	7.8	11.8

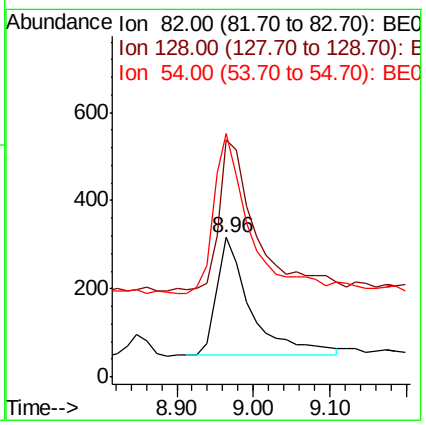


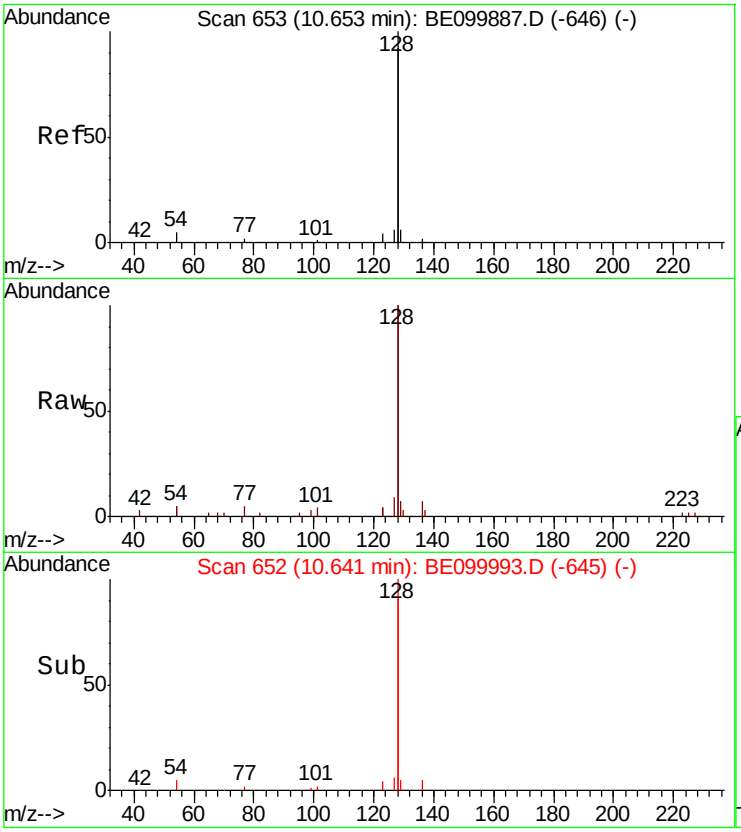


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion: 82 Resp: 843

Ion	Ratio	Lower	Upper
82	100		
128	169.7	137.3	205.9
54	174.1	129.7	194.5



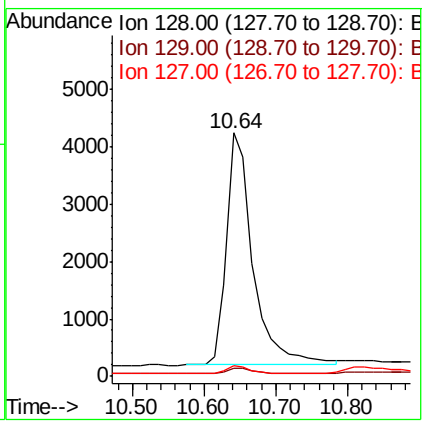


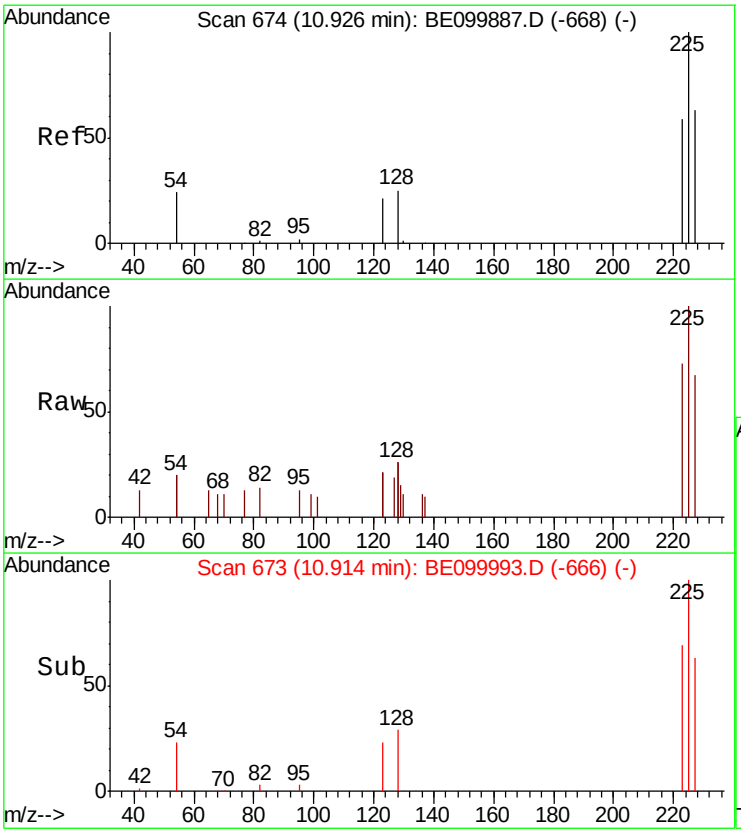
#9
Naphthalene
Concen: 0.432 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 10386

Ion	Ratio	Lower	Upper
128	100		
129	3.6	3.0	4.6
127	4.3	3.4	5.0

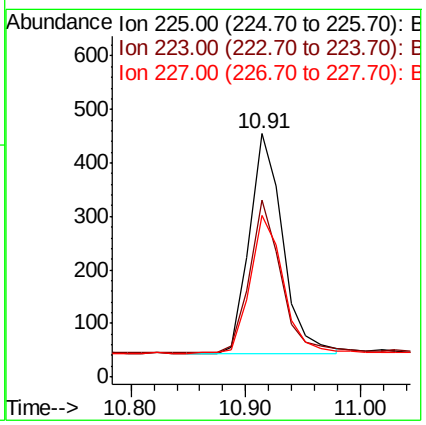


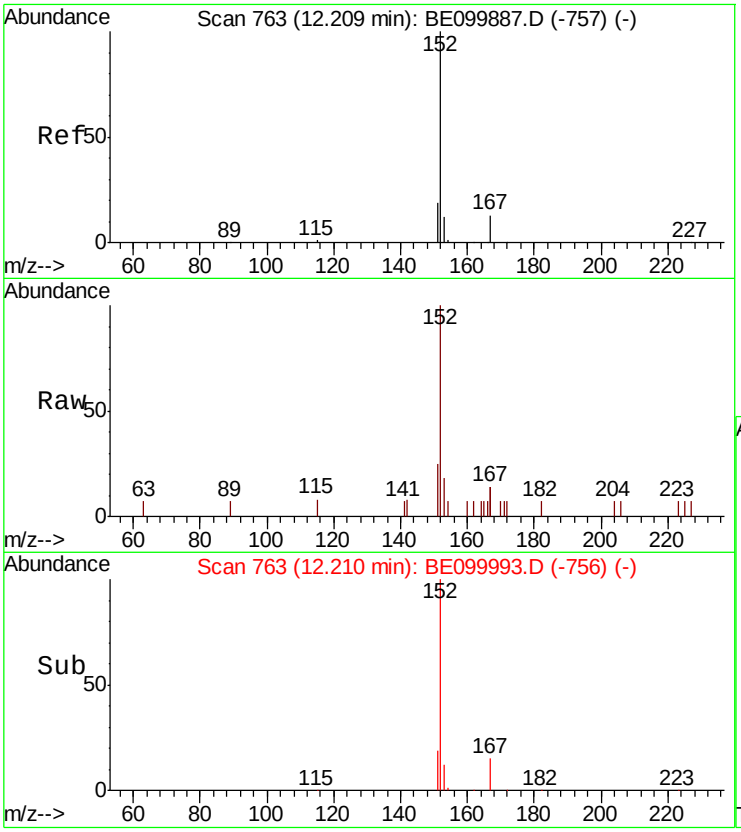


#10
Hexachlorobutadiene
Concen: 0.458 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:225 Resp: 839

Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.6	77.4
227	62.0	50.6	76.0



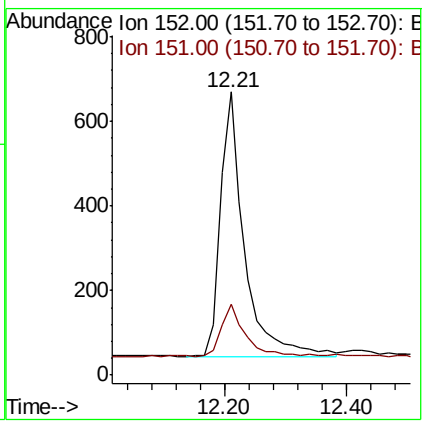


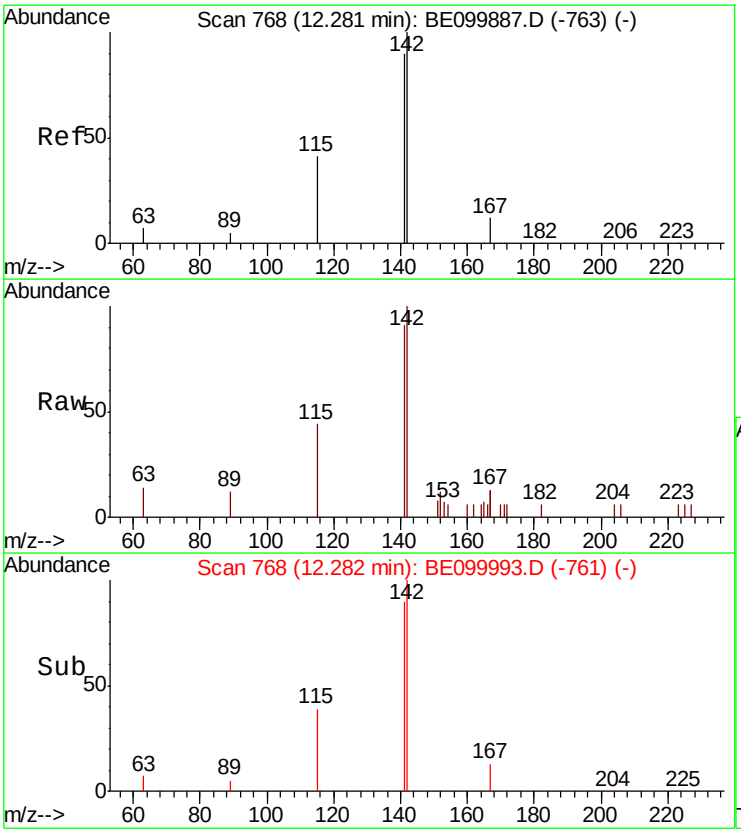
#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1713

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8

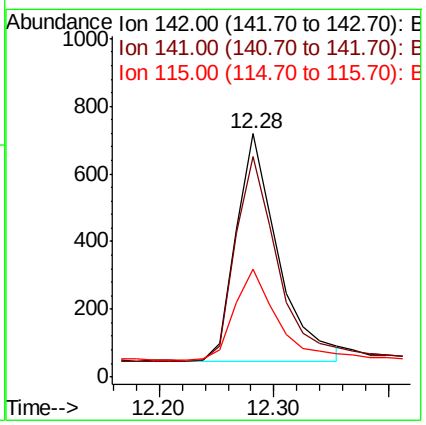


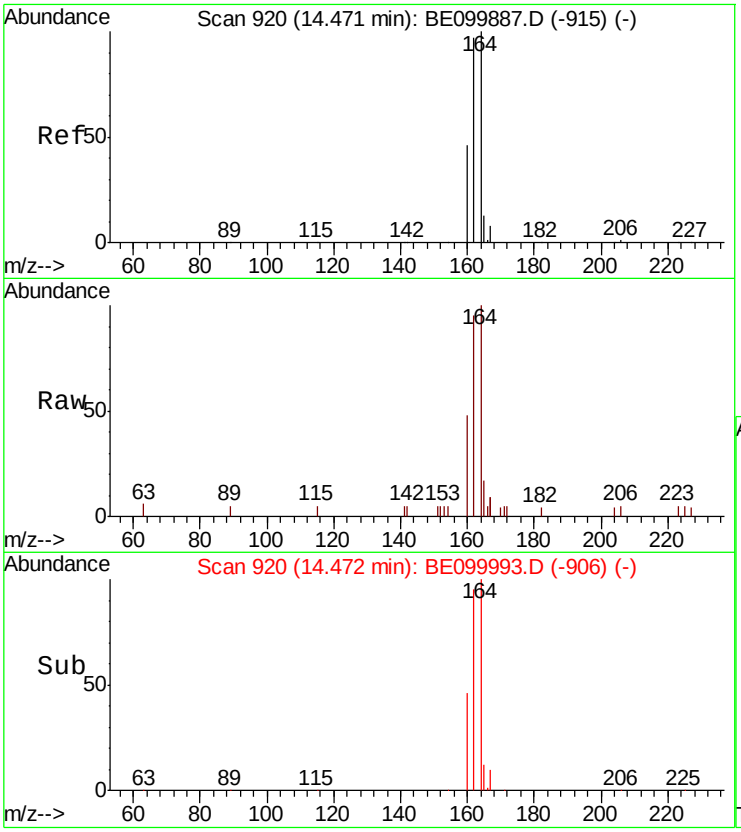


#12
2-Methylnaphthalene
Concen: 0.431 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:142 Resp: 1683

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.3	108.5
115	44.1	36.4	54.6



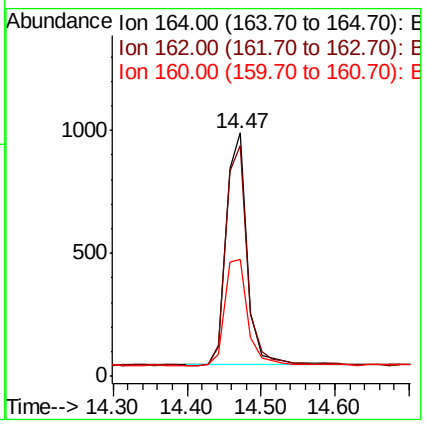


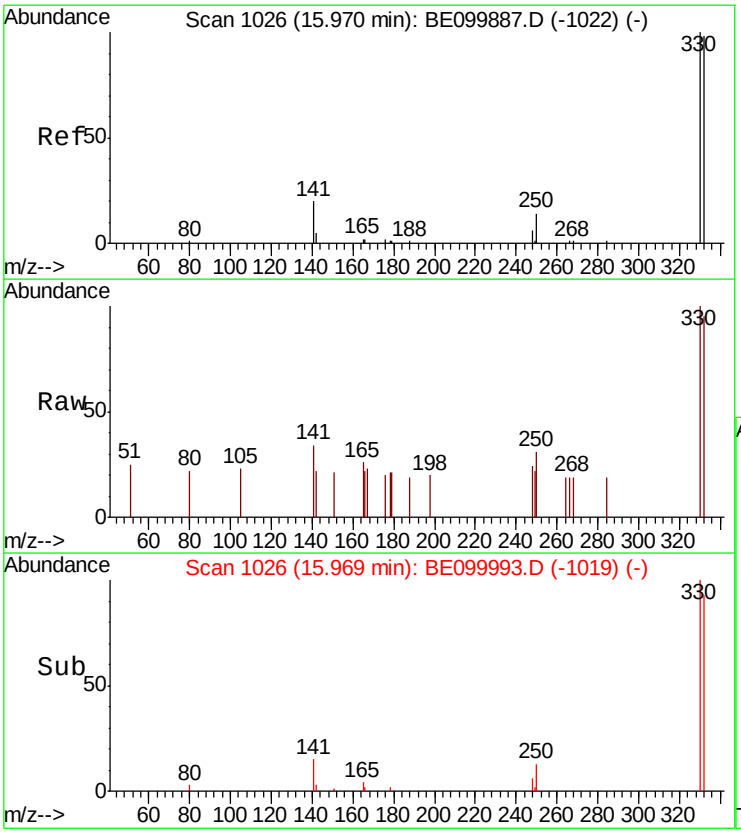
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1858

Ion	Ratio	Lower	Upper
164	100		
162	95.1	77.8	116.8
160	48.1	38.2	57.4

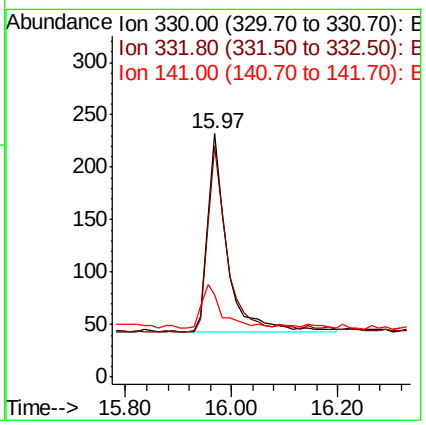


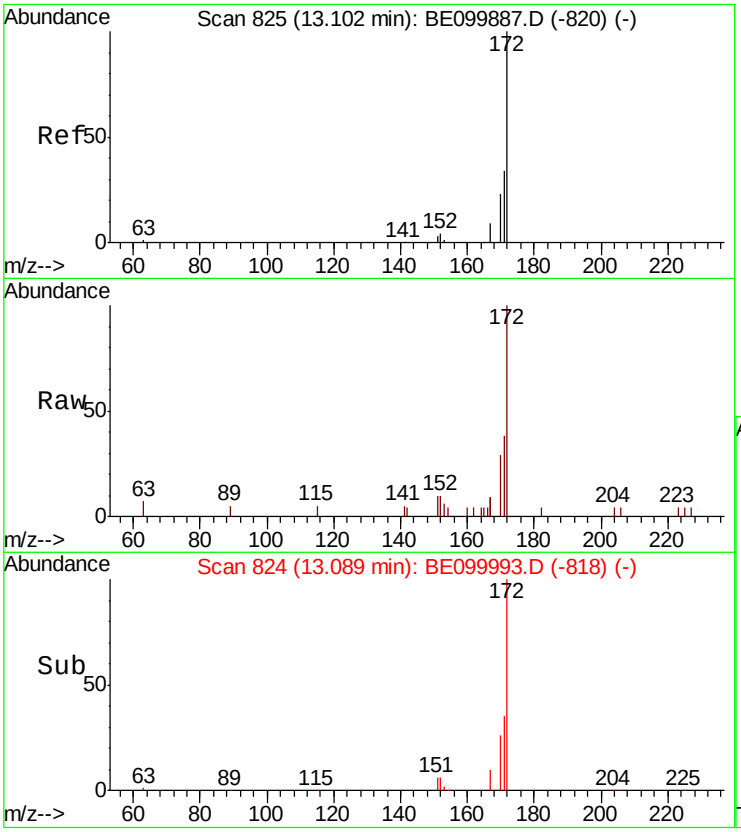


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:330 Resp: 481

Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.7	115.1
141	22.0	21.0	31.6



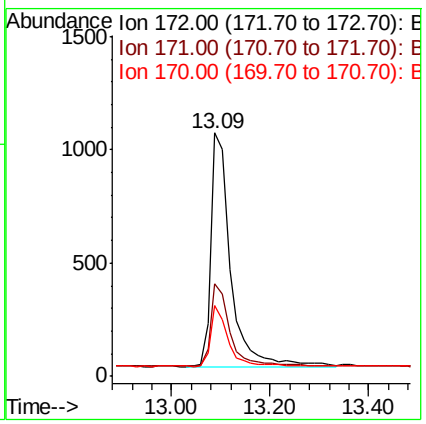


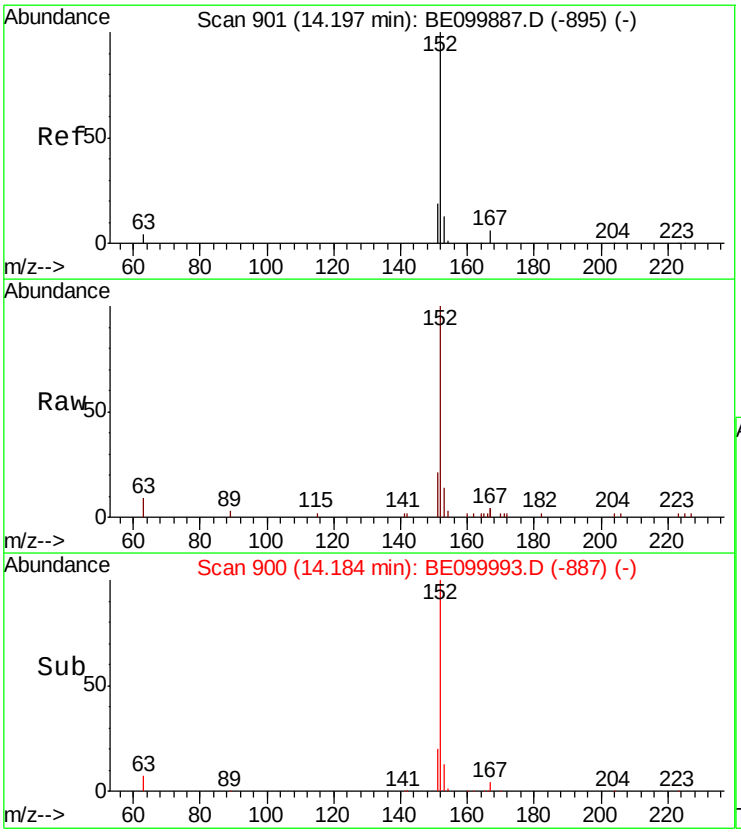
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2816

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.2	43.8
170	28.9	21.2	31.8

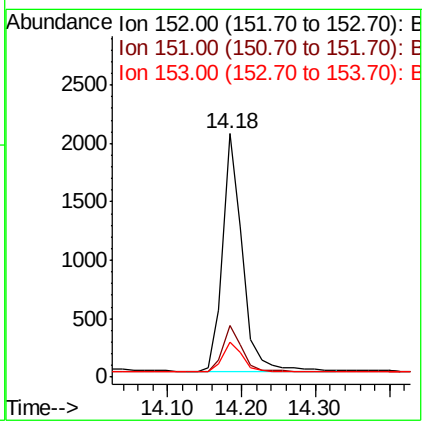


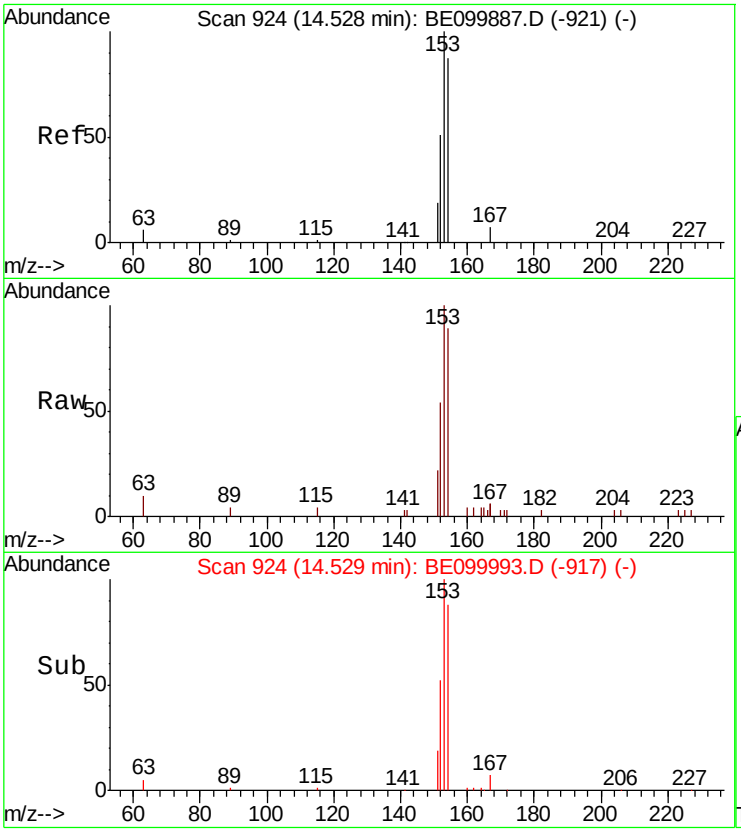


#16
Acenaphthylene
Concen: 0.407 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:152 Resp: 3766

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.0	10.2	15.2



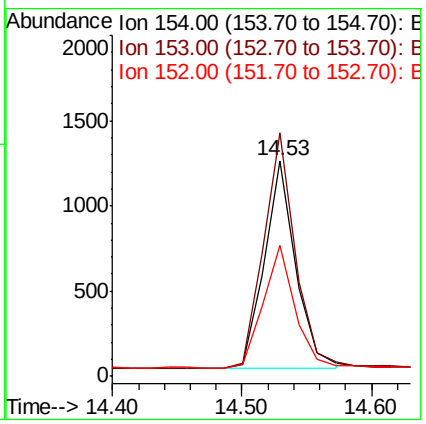


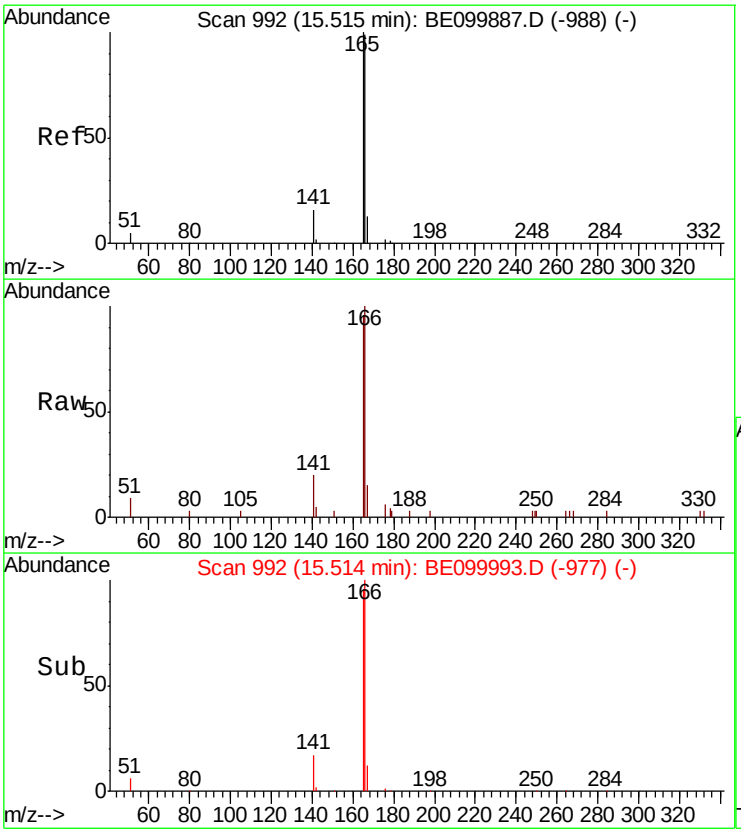
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2041

Ion	Ratio	Lower	Upper
154	100		
153	114.9	93.1	139.7
152	59.8	47.0	70.4

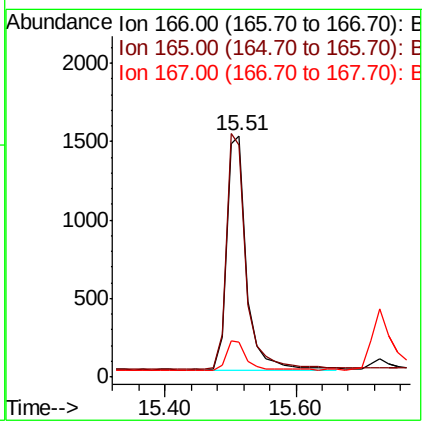


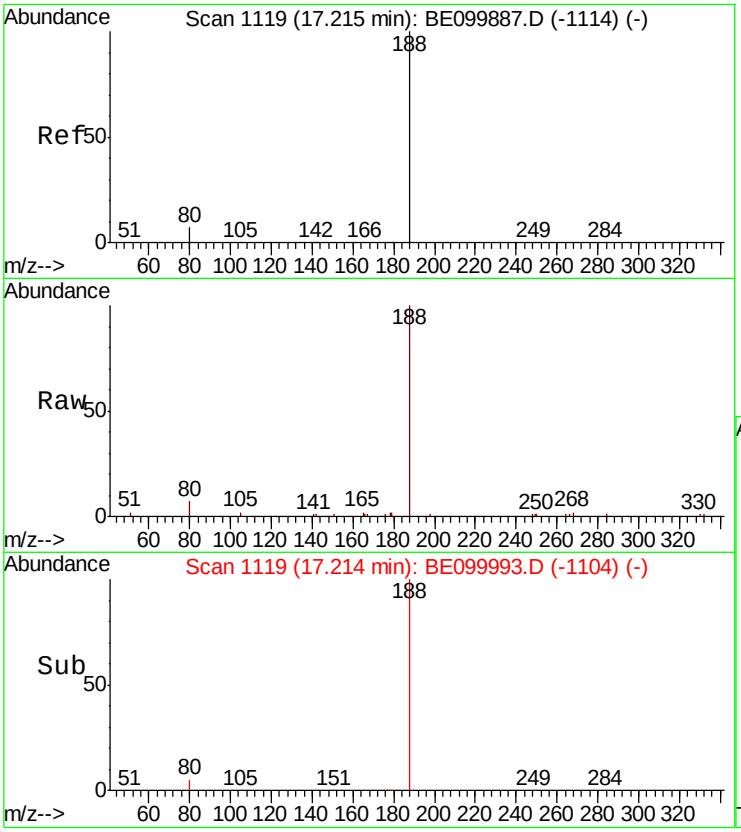


#18
Fluorene
Concen: 0.423 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:166 Resp: 3198

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.8	122.8
167	13.2	11.2	16.8



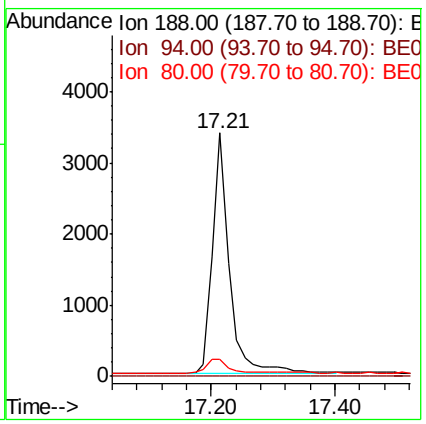


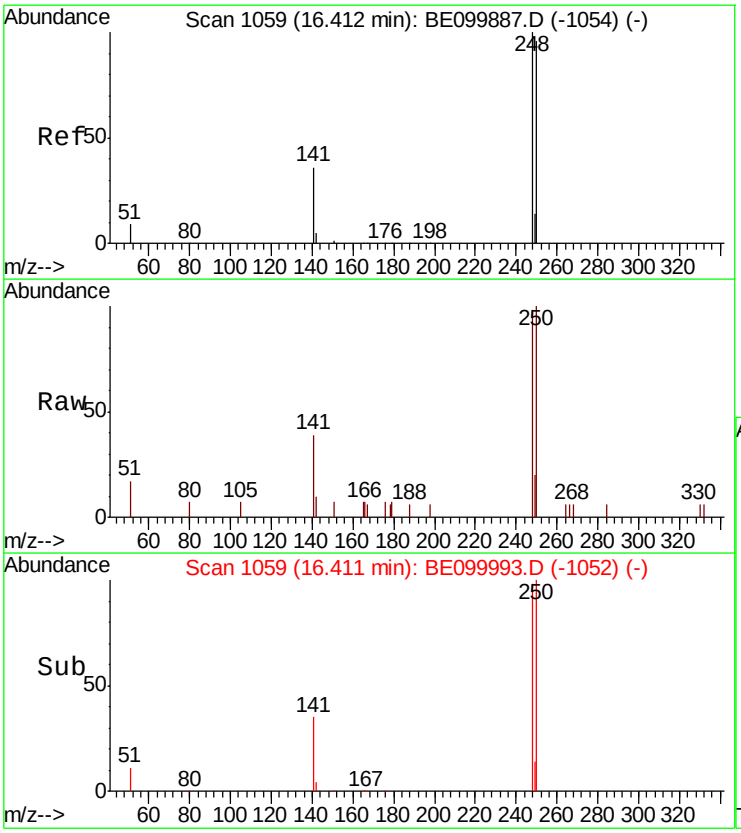
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6395

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.4	9.6

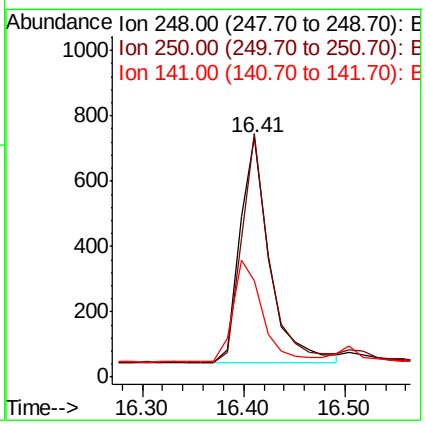


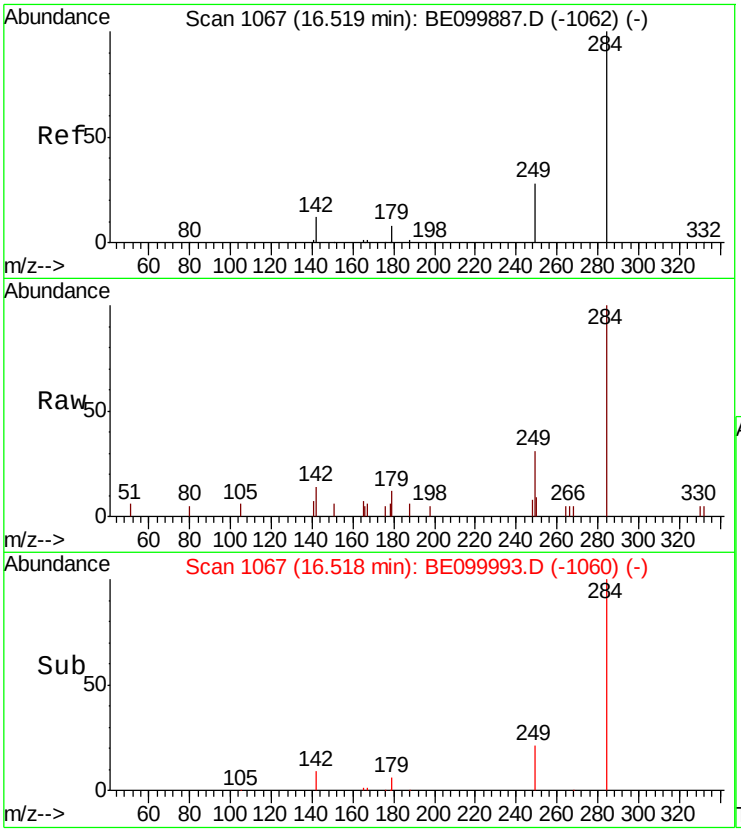


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:248 Resp: 1422

Ion	Ratio	Lower	Upper
248	100		
250	101.8	77.5	116.3
141	40.1	31.8	47.8



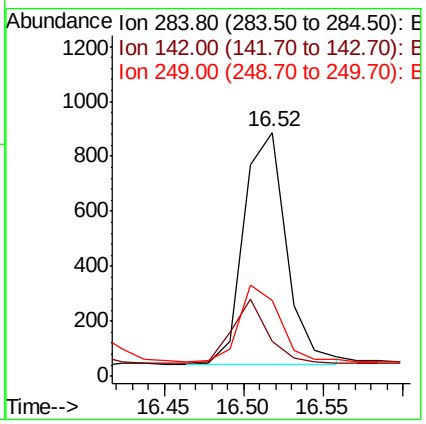


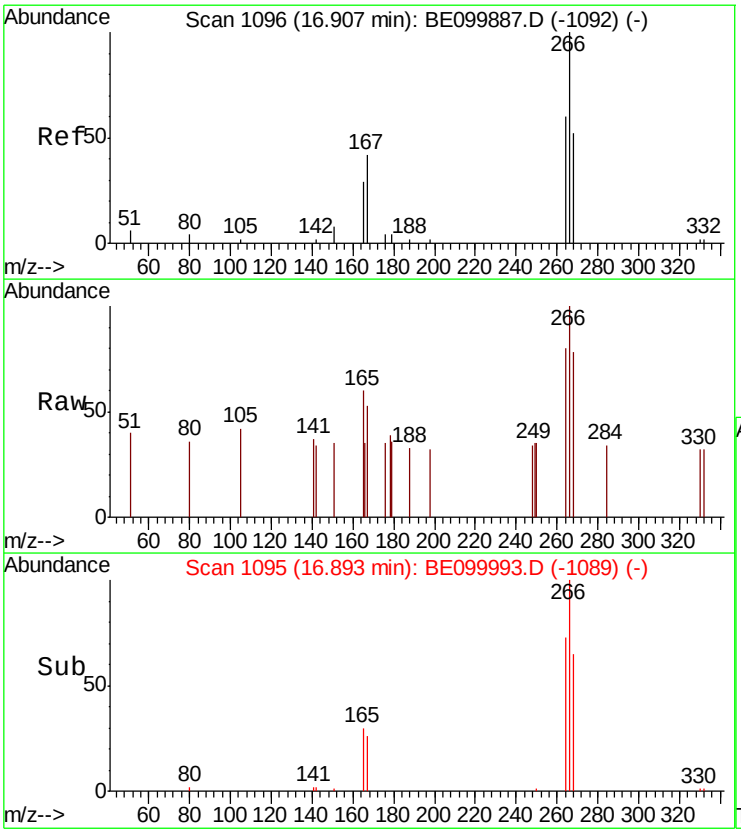
#21
Hexachlorobenzene
Concen: 0.420 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1556

Ion	Ratio	Lower	Upper
284	100		
142	24.2	18.2	27.4
249	31.0	24.6	37.0

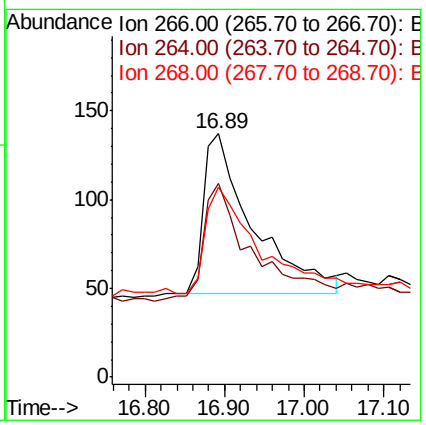


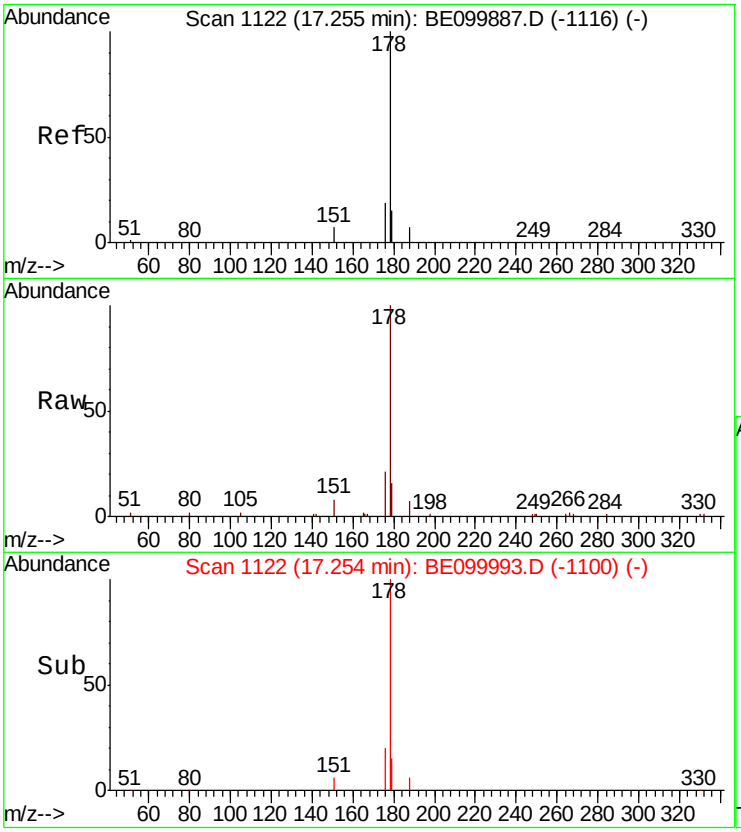


#22
Pentachlorophenol
Concen: 0.519 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:266 Resp: 390

Ion	Ratio	Lower	Upper
266	100		
264	79.6	62.2	93.2
268	78.1	65.5	98.3



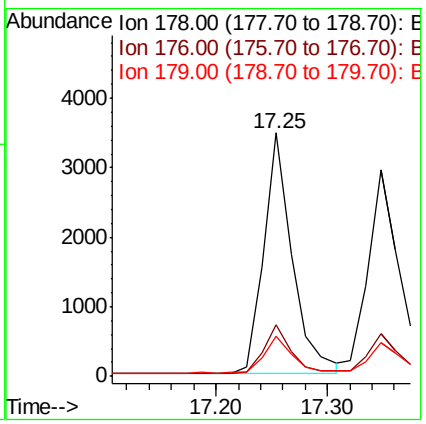


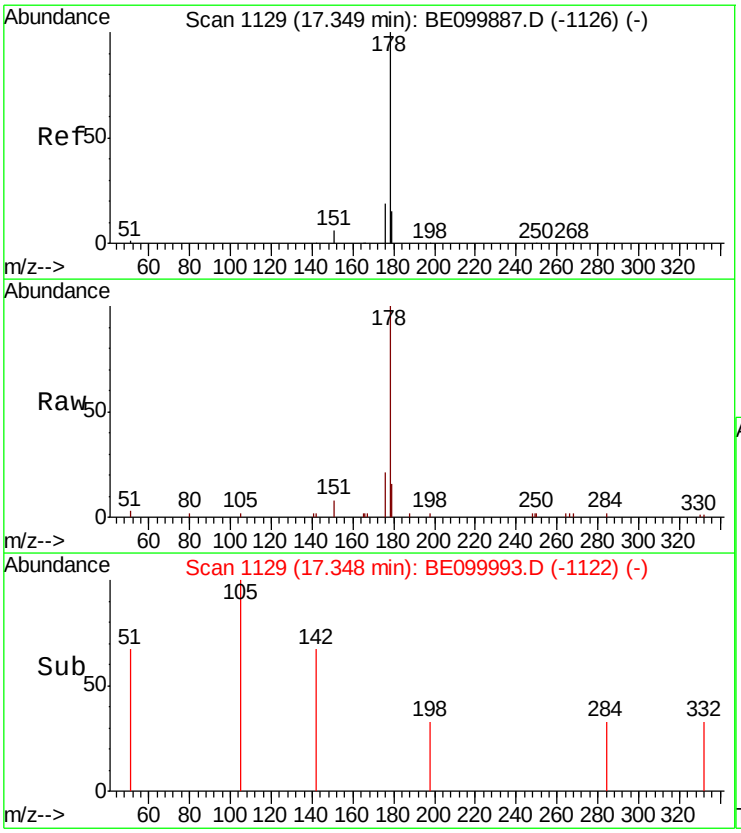
#23
Phenanthrene
Concen: 0.397 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6158

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	12.4	18.6

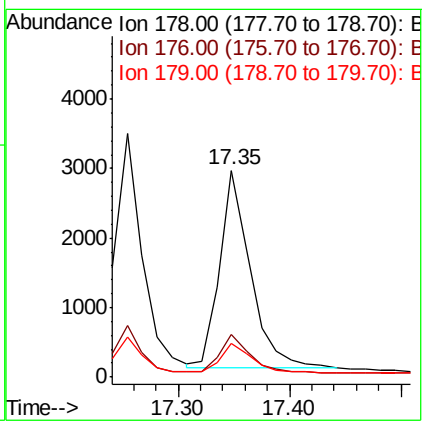


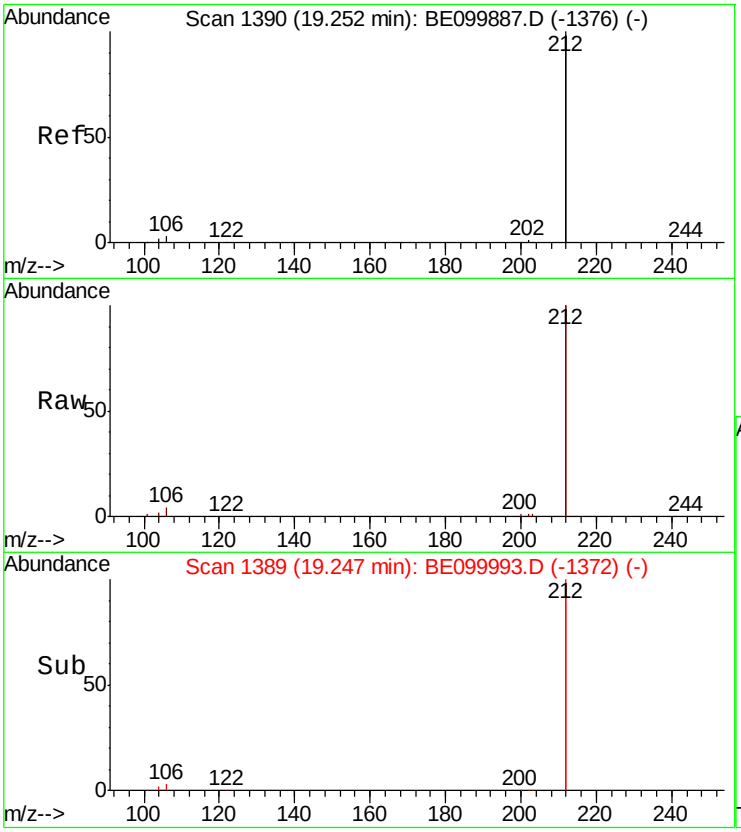


#24
Anthracene
Concen: 0.384 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:178 Resp: 5457

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	14.9	12.3	18.5



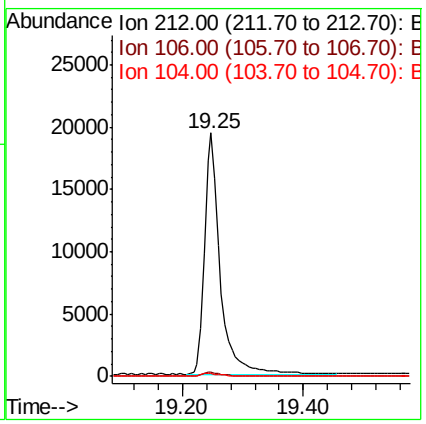


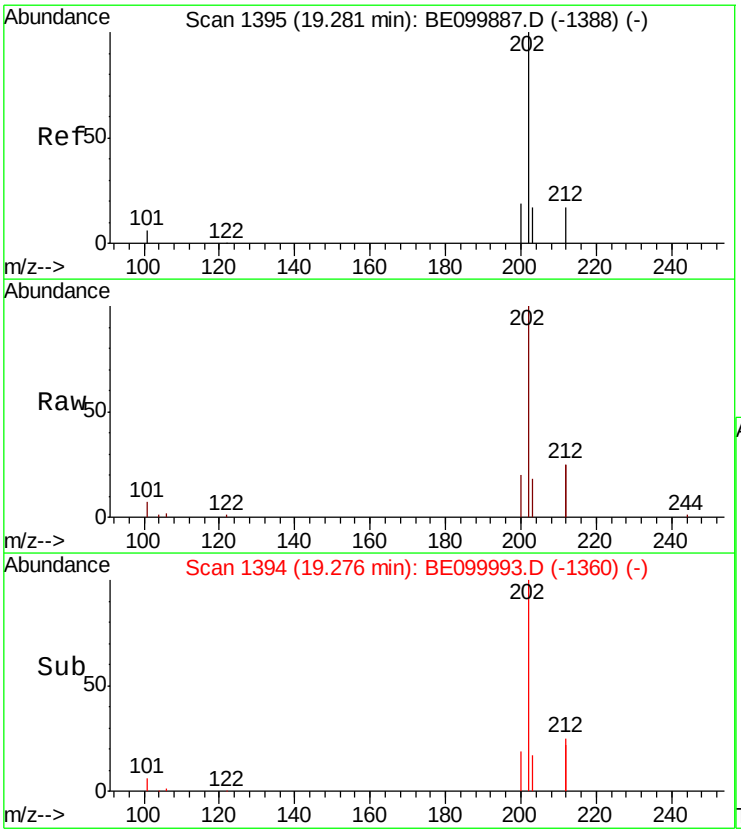
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 34795

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

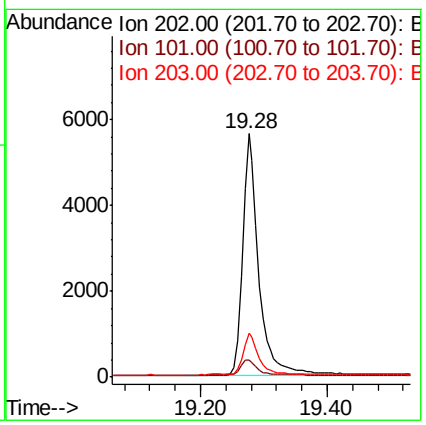


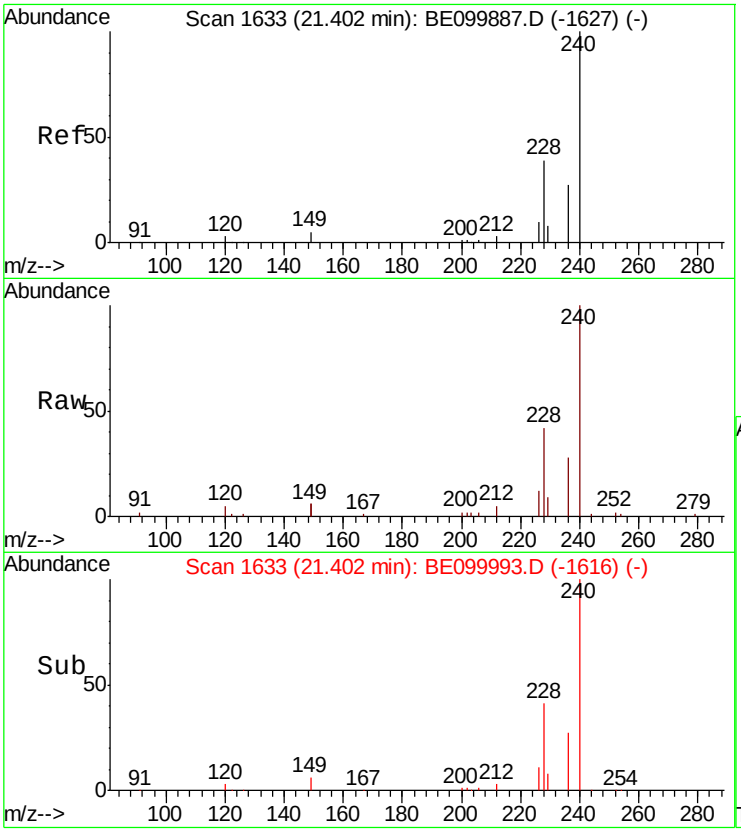


#26
Fluoranthene
Concen: 0.376 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:202 Resp: 9929

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.4	8.0
203	16.7	13.2	19.8



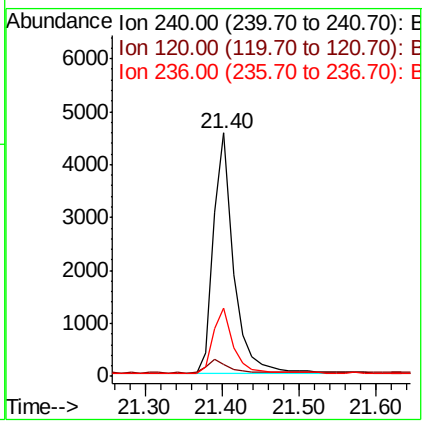


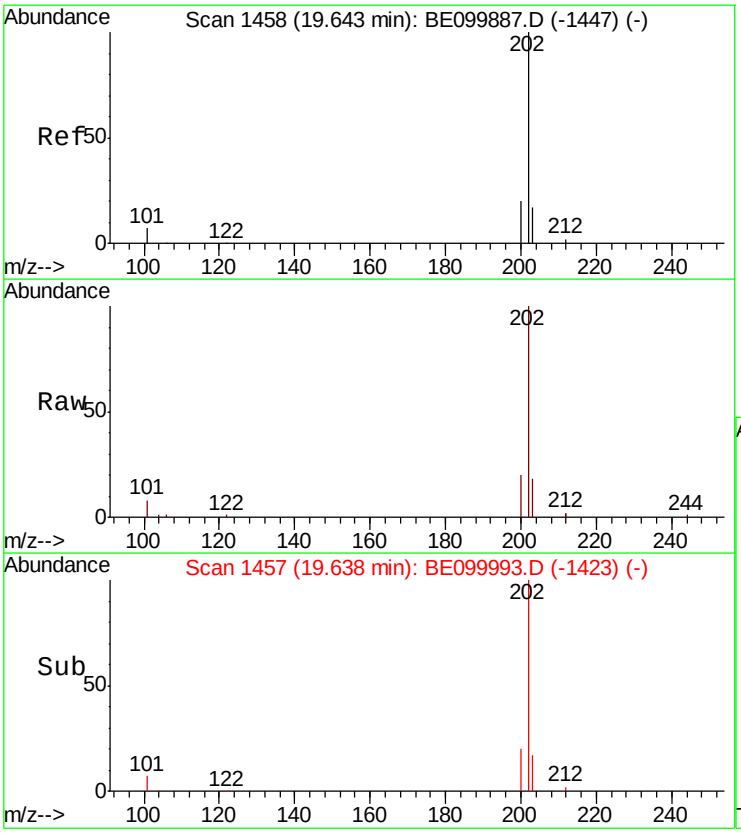
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8366

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.8	5.6
236	27.8	22.0	33.0

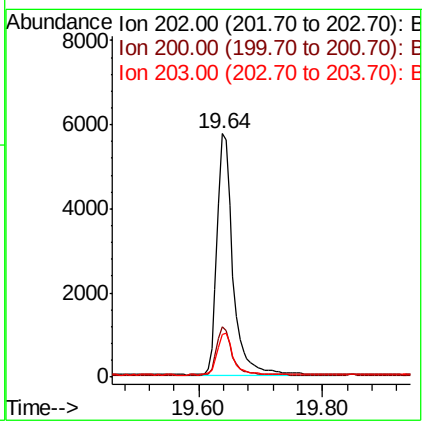


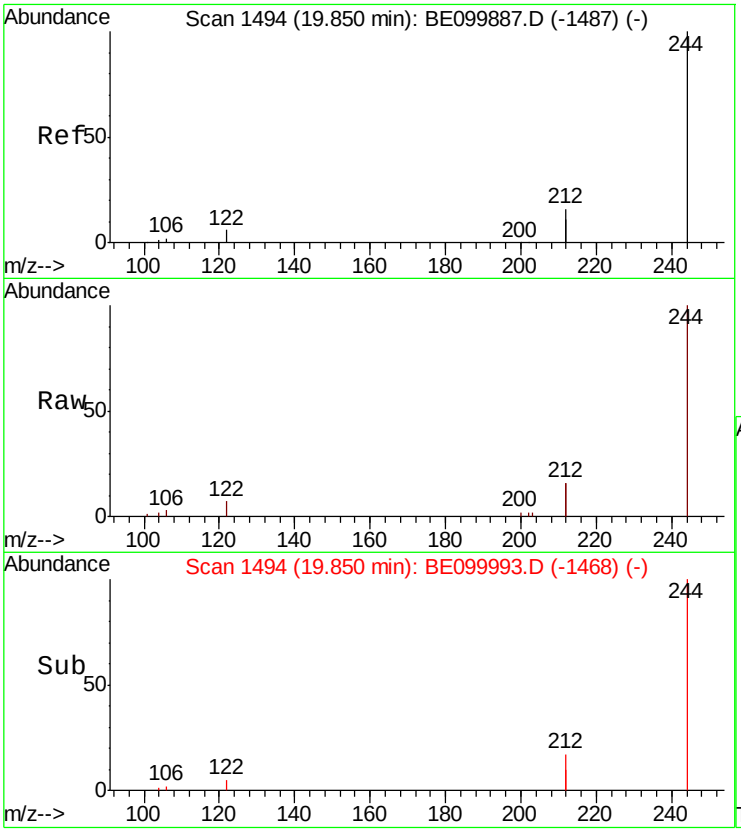


#28
Pyrene
Concen: 0.462 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:202 Resp: 10146

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.5	23.3
203	17.4	14.0	21.0



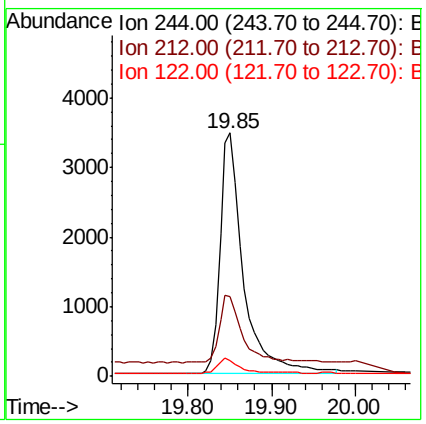


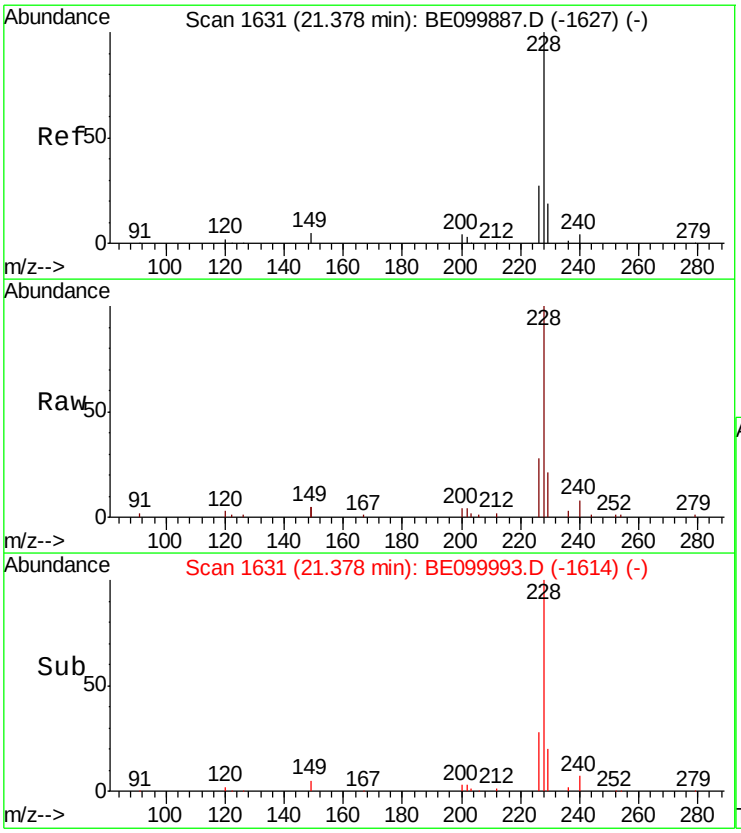
#29
Terphenyl-d14
Concen: 0.439 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6614

Ion	Ratio	Lower	Upper
244	100		
212	32.6	25.7	38.5
122	6.5	5.5	8.3

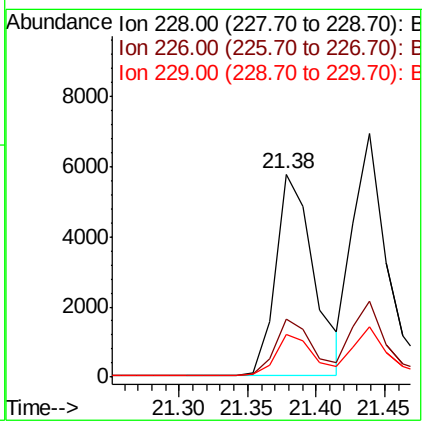


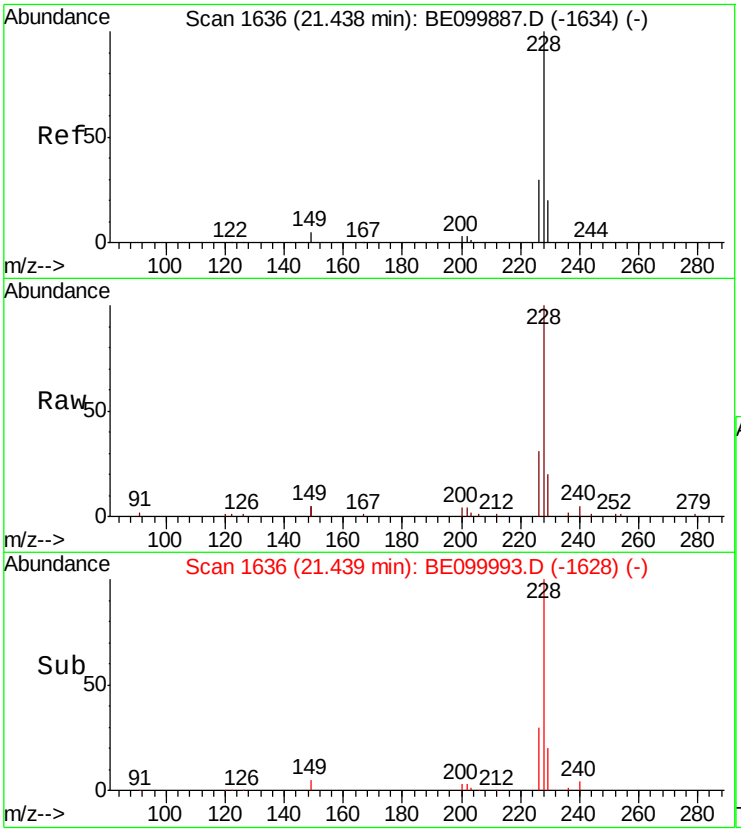


#30
Benzo(a)anthracene
Concen: 0.443 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:228 Resp: 11084

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.7	15.9	23.9



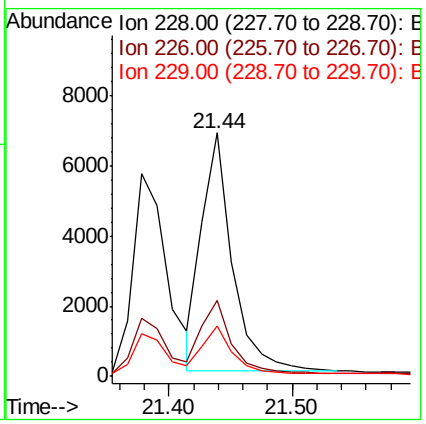


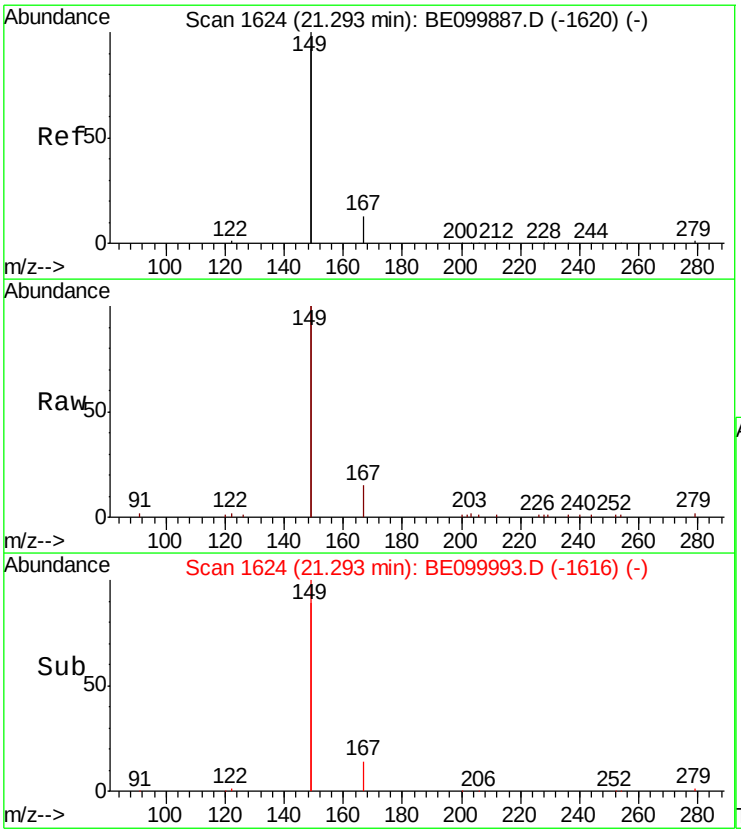
#31
Chrysene
Concen: 0.447 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11564

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	20.5	16.1	24.1

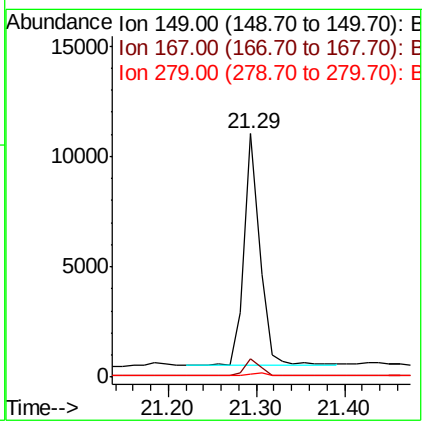


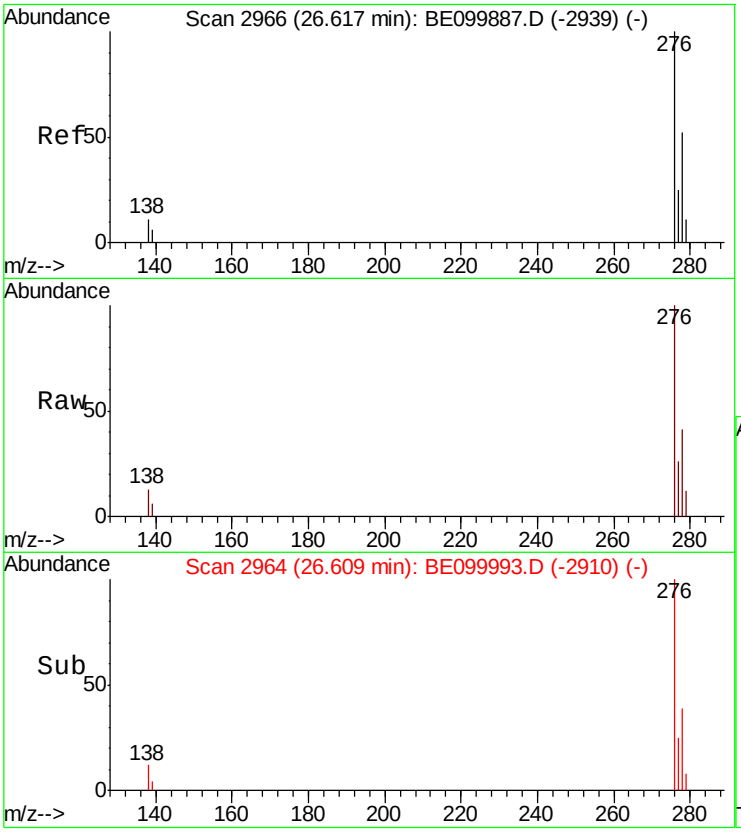


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:149 Resp: 12936

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.9	8.9
279	1.5	1.2	1.8



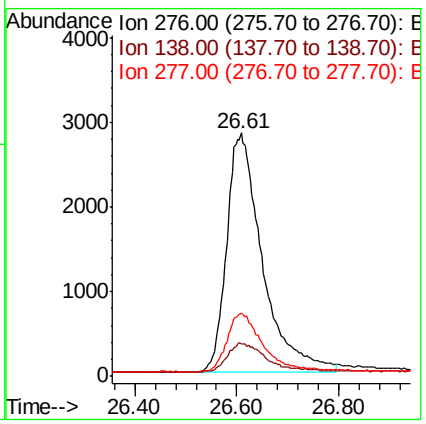


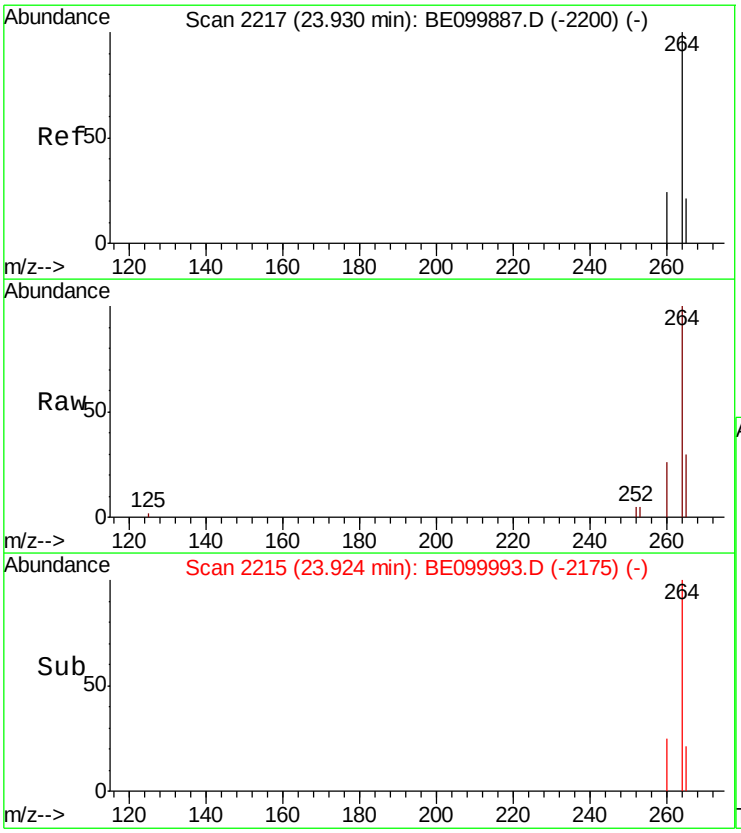
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng
RT: 26.61 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13715

Ion	Ratio	Lower	Upper
276	100		
138	12.2	10.1	15.1
277	24.7	19.1	28.7

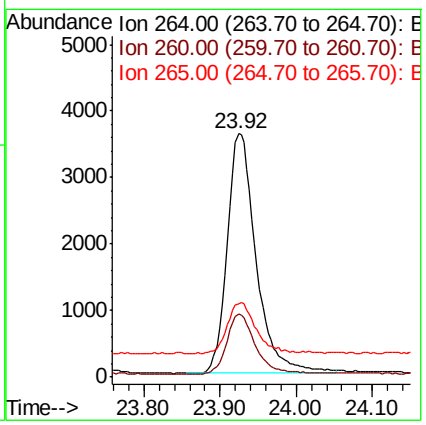


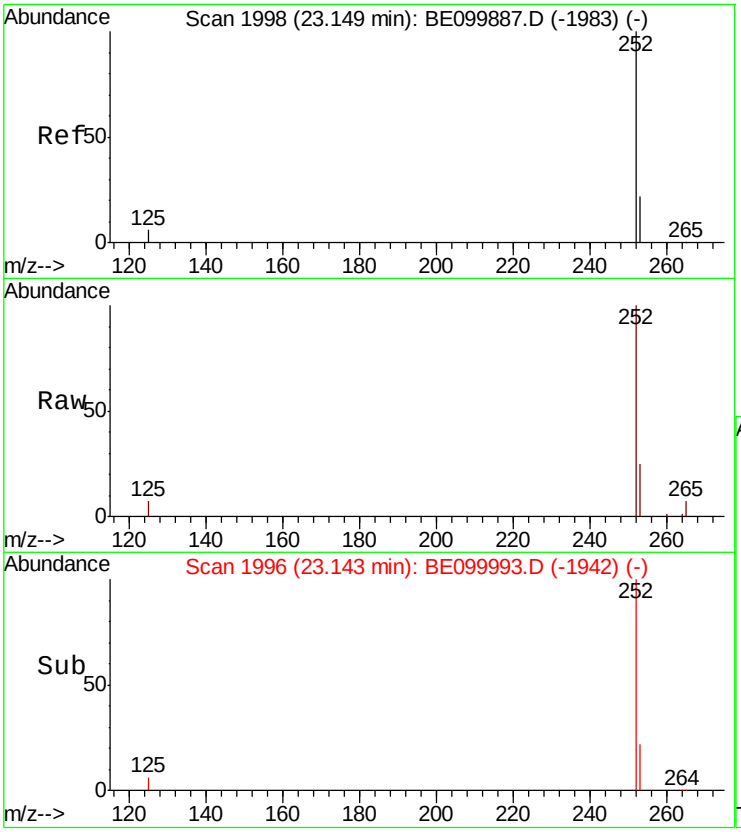


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:264 Resp: 9548

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.2
265	30.4	22.0	33.0



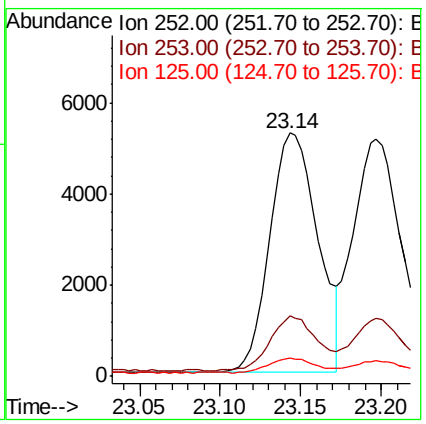


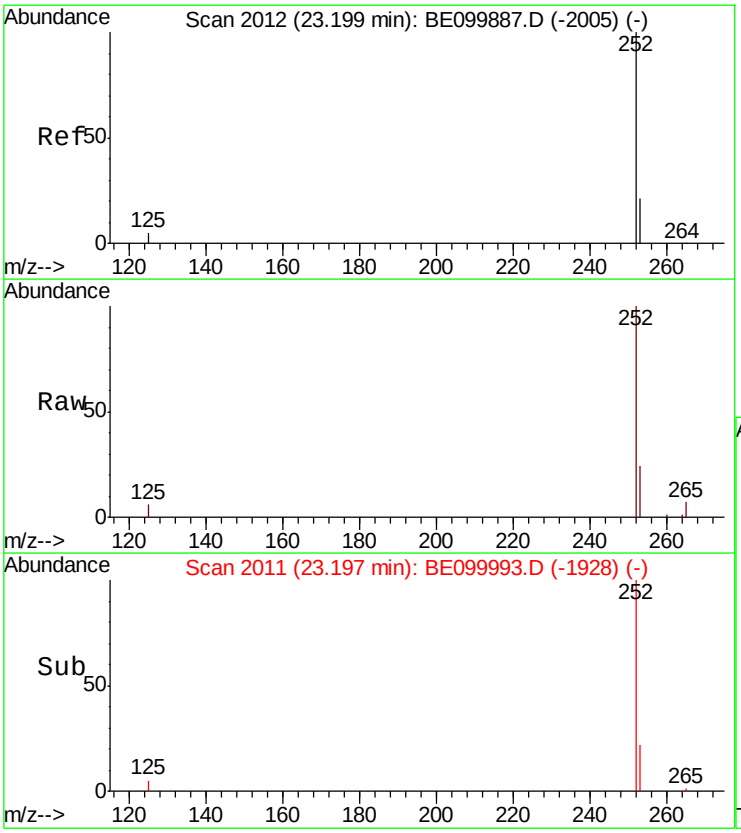
#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10959

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	7.3	5.7	8.5

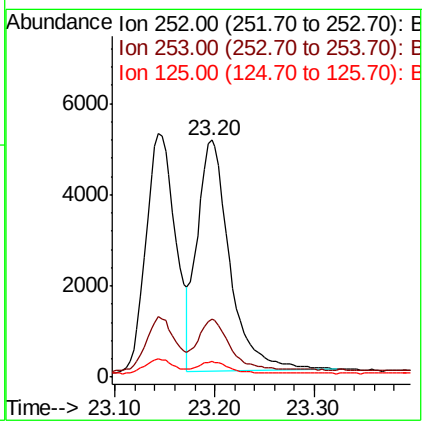


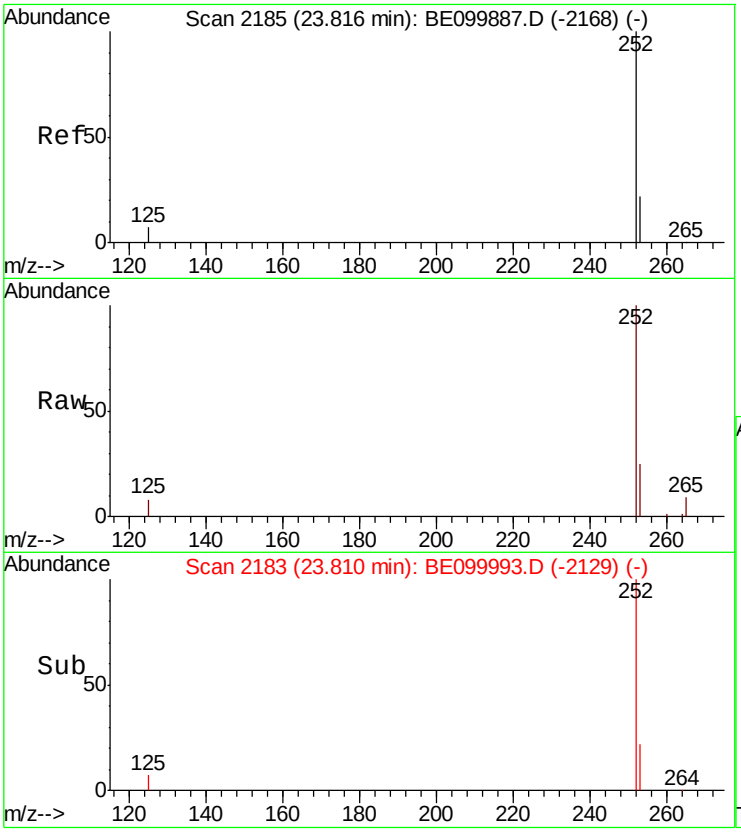


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:252 Resp: 11519

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	28.0
125	6.5	5.4	8.0



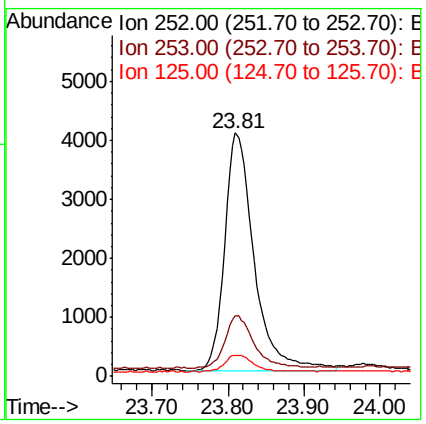


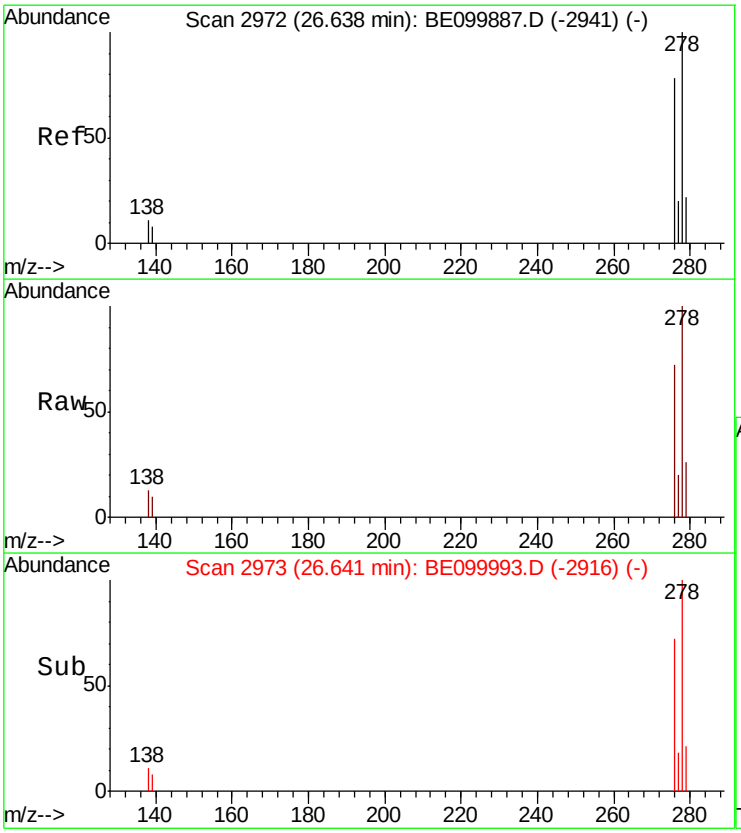
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10823

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.6	29.4
125	8.4	6.6	10.0

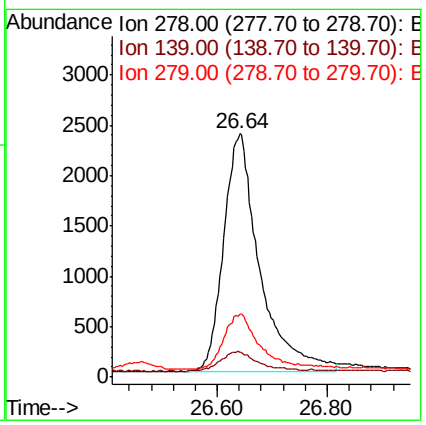


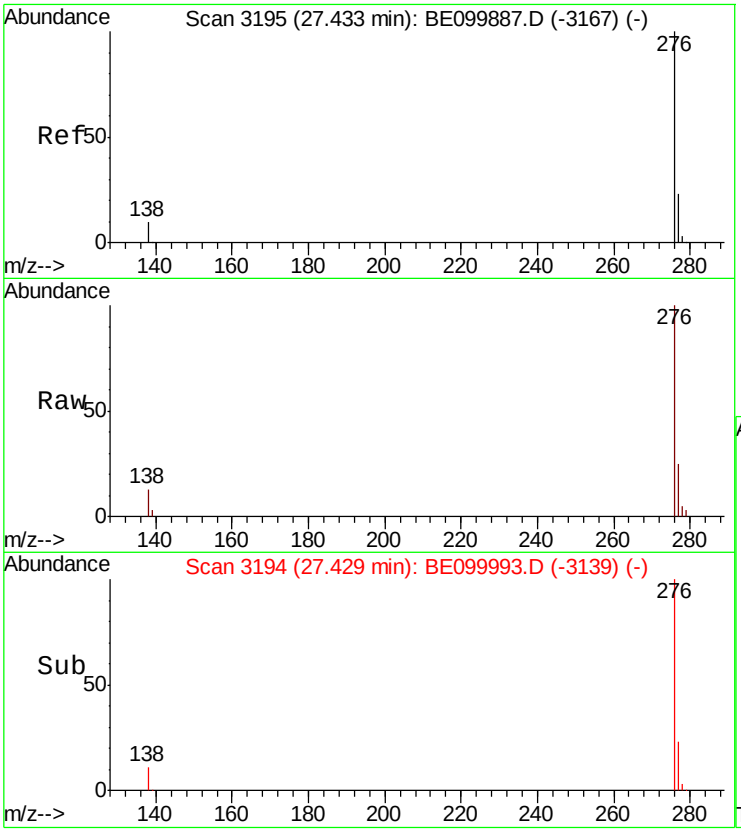


#38
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.64 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:278 Resp: 10809

Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.8	11.8
279	26.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.421 ng
RT: 27.43 min Scan# 3194
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11545

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	13.0	9.5	14.3