Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100027.D
Acq On : 14 Jun 2019 17:33
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 15 00:49:34 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	7.78	152	864	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	3172	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2347	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	6939	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8610	0.40	ng		0.00
34) Perylene-d12	23.93	264	9625	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	960	0.41	ng		0.01
5) Phenol-d6	6.97	99	1229	0.41	ng		0.00
8) Nitrobenzene-d5	8.96	82	1187	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2315	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	554	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	3725	0.42	ng		-0.01
25) Fluoranthene-d10	19.25	212	35898	0.36	ng		0.00
29) Terphenyl-d14	19.85	244	6910	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	439	0.343	ng		99
3) n-Nitrosodimethylamine	3.64	42	144	0.195	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	912	0.372	ng		89
9) Naphthalene	10.64	128	14306	0.418	ng		99
10) Hexachlorobutadiene	10.91	225	1170	0.448	ng		98
12) 2-Methylnaphthalene	12.28	142	2297	0.413	ng		98
16) Acenaphthylene	14.18	152	4770	0.409	ng		99
17) Acenaphthene	14.53	154	2509	0.395	ng		99
18) Fluorene	15.50	166	3760	0.394	ng		97
20) 4-Bromophenyl-phenylether	16.41	248	1706	0.434	ng		99
21) Hexachlorobenzene	16.51	284	1713	0.426	ng		99
22) Pentachlorophenol	16.88	266	464	0.540	ng		92
23) Phenanthrene	17.26	178	6598	0.392	ng		99
24) Anthracene	17.35	178	5813	0.377	ng		98
26) Fluoranthene	19.28	202	10205	0.357	ng		98
28) Pyrene	19.64	202	10521	0.465	ng		100
30) Benzo(a)anthracene	21.38	228	10990	0.427	ng		99
31) Chrysene	21.44	228	11762	0.442	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	14717	0.399	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	12365	0.392	ng		98
35) Benzo(b)fluoranthene	23.15	252	10701	0.397	ng		96
36) Benzo(k)fluoranthene	23.20	252	11625	0.412	ng		98
37) Benzo(a)pyrene	23.81	252	10925	0.411	ng	#	95
38) Dibenzo(a,h)anthracene	26.64	278	9543	0.357	ng	#	95
39) Benzo(g,h,i)perylene	27.44	276	10400	0.376	ng		95

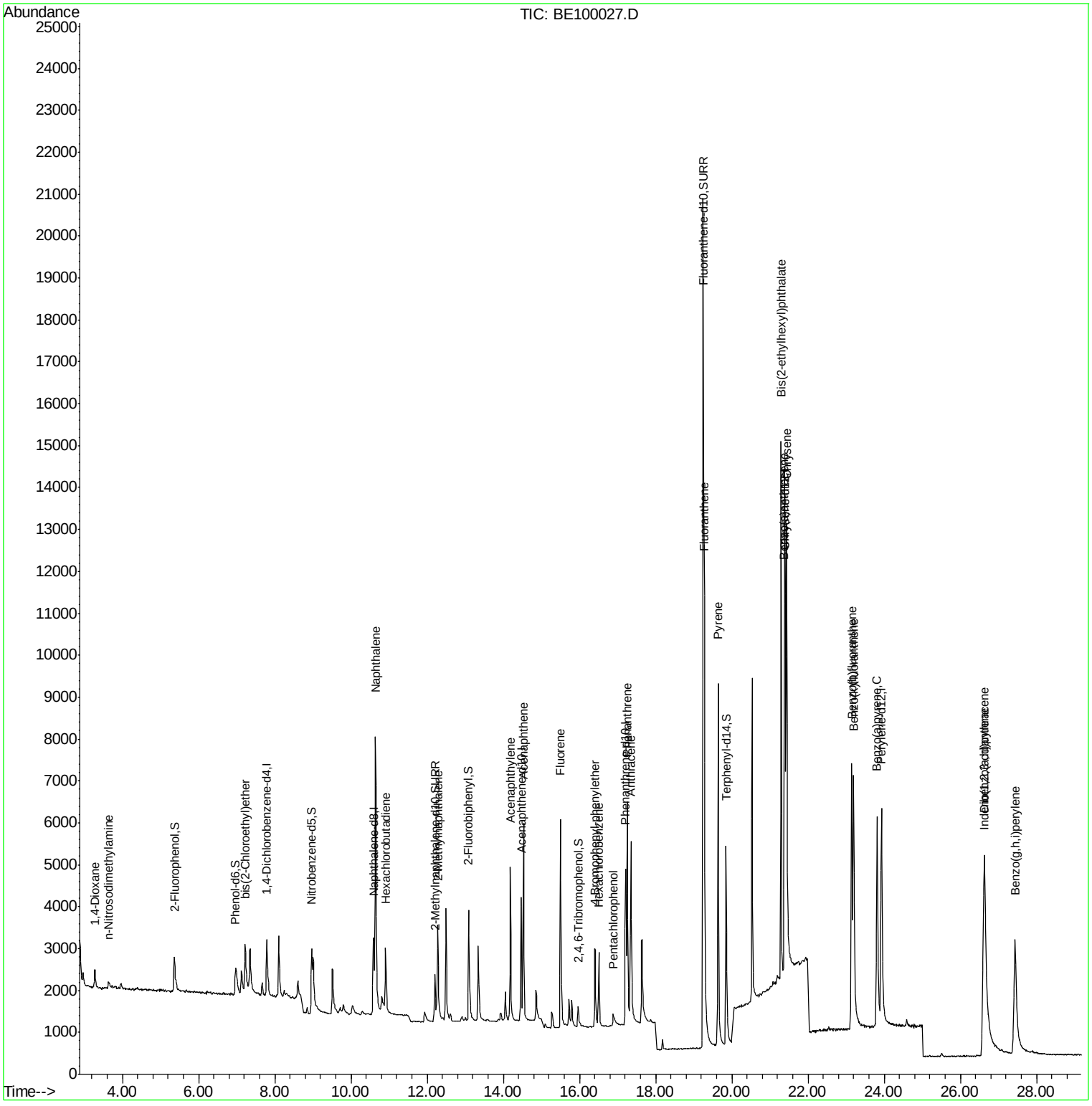
(#) = qualifier out of range (m) = manual integration (+) = signals summed

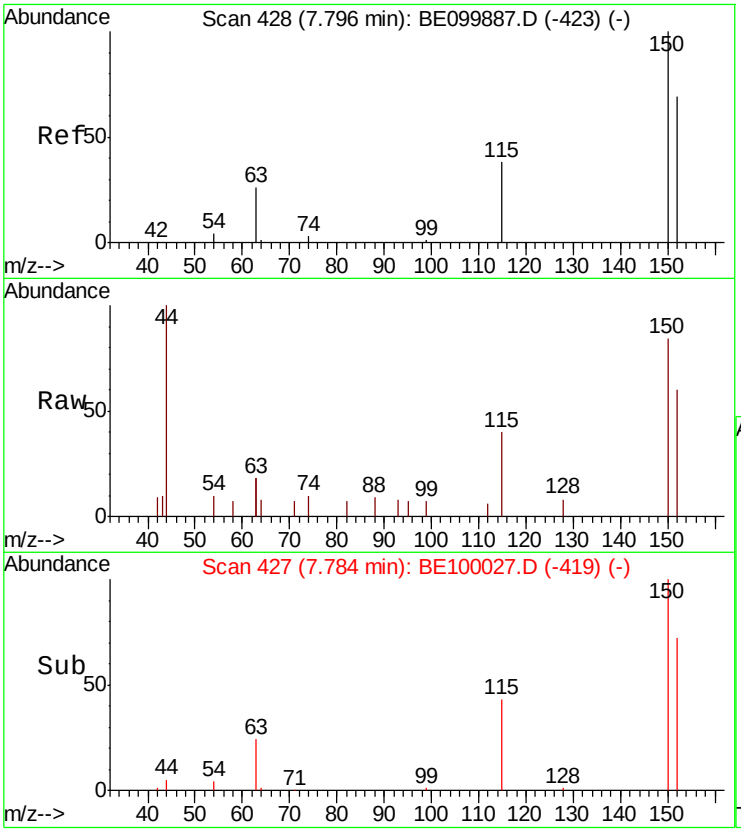
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100027.D
Acq On : 14 Jun 2019 17:33
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 15 00:49:34 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



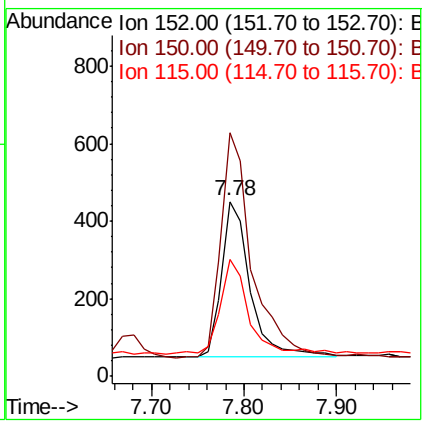


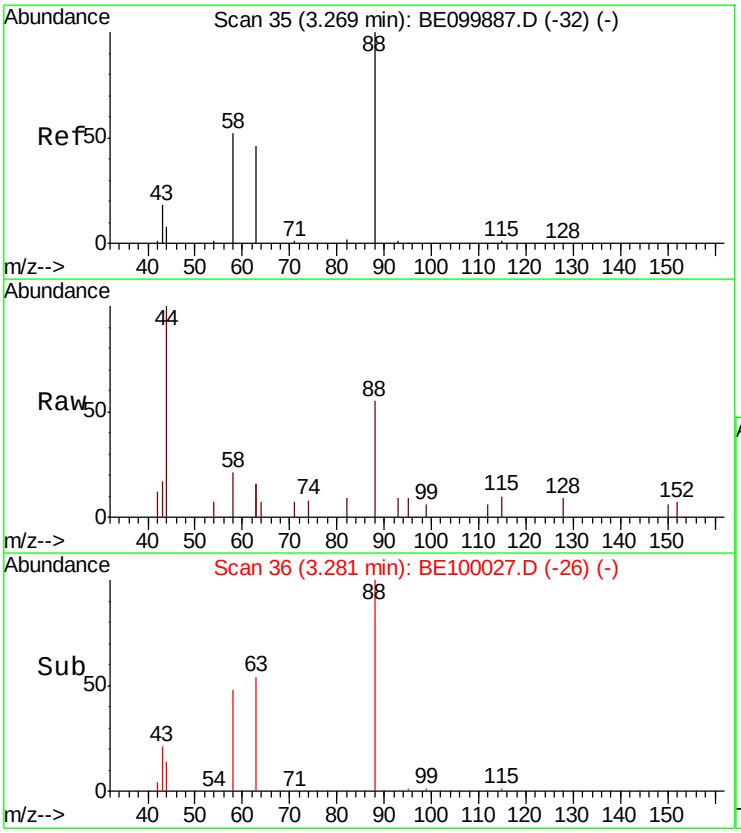
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 864

Ion	Ratio	Lower	Upper
152	100		
150	139.2	111.0	166.6
115	66.5	50.7	76.1

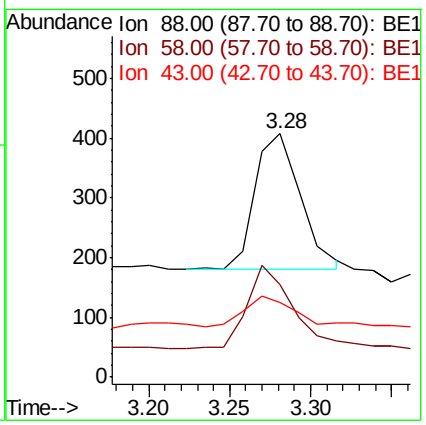


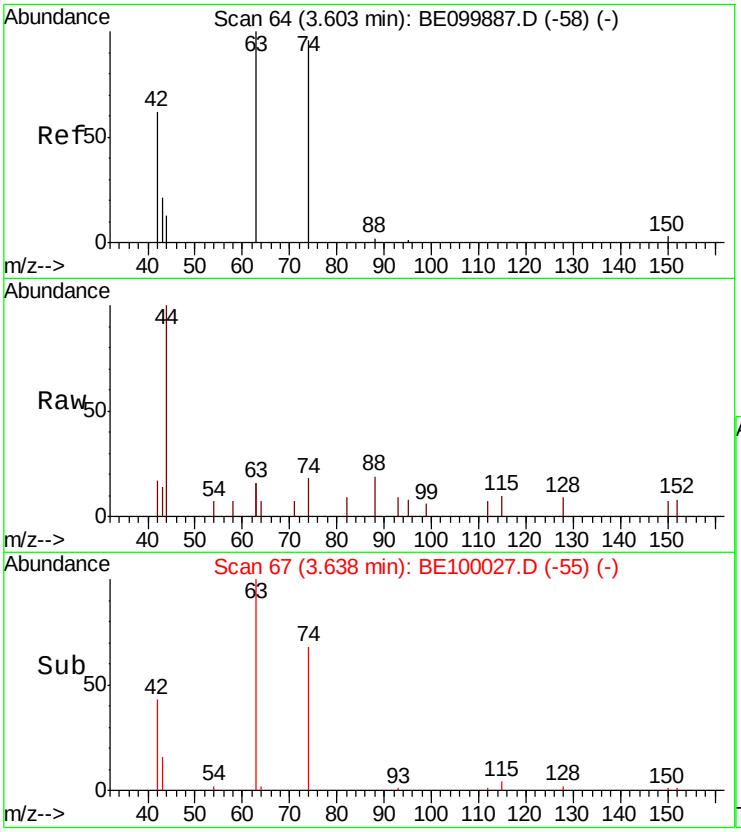


#2
1,4-Dioxane
Concen: 0.343 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion: 88 Resp: 439

Ion	Ratio	Lower	Upper
88	100		
58	61.5	48.8	73.2
43	24.1	19.0	28.6



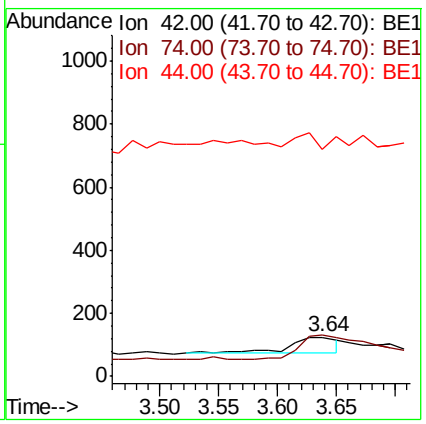


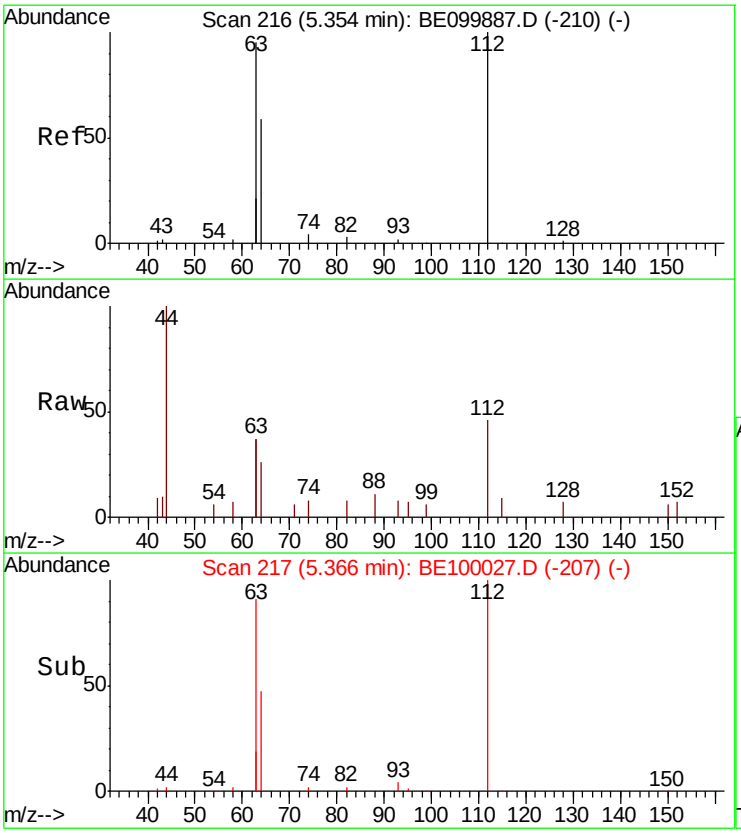
#3
n-Nitrosodimethylamine
Concen: 0.195 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 144

Ion	Ratio	Lower	Upper
42	100		
74	123.6	0.0	0.0#
44	43.1	0.0	0.0#

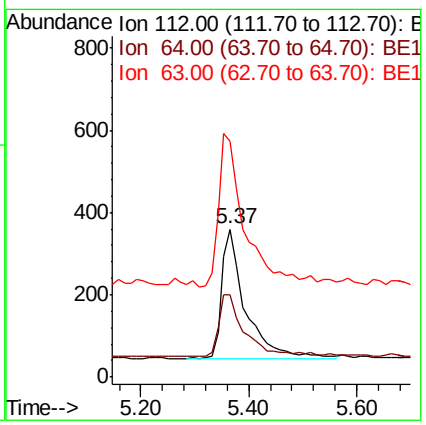


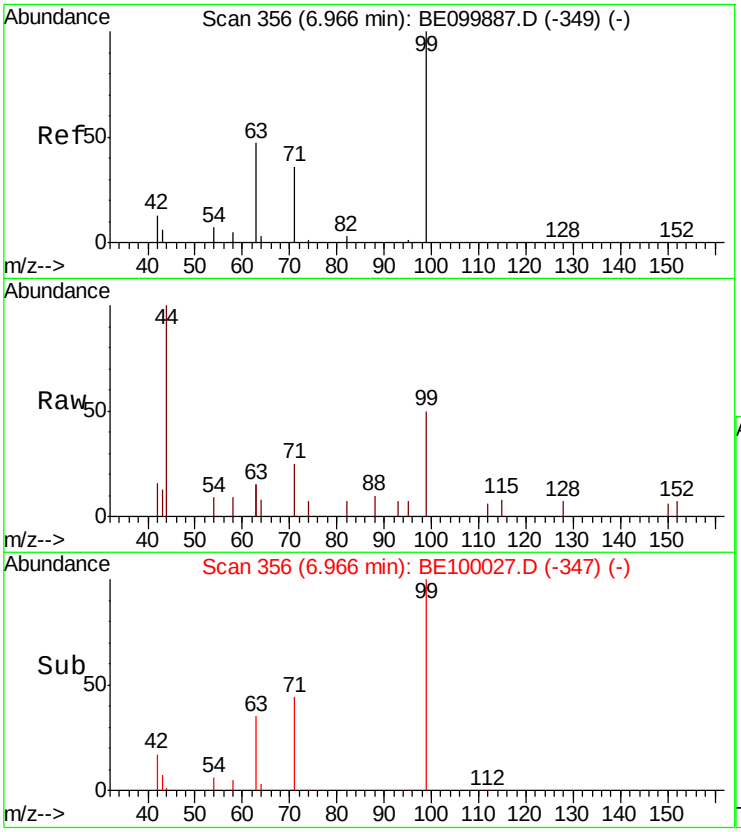


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.37 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:112 Resp: 960

Ion	Ratio	Lower	Upper
112	100		
64	50.7	44.1	66.1
63	139.9	87.8	131.6#



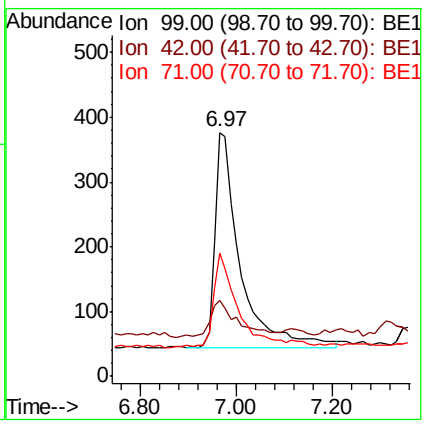


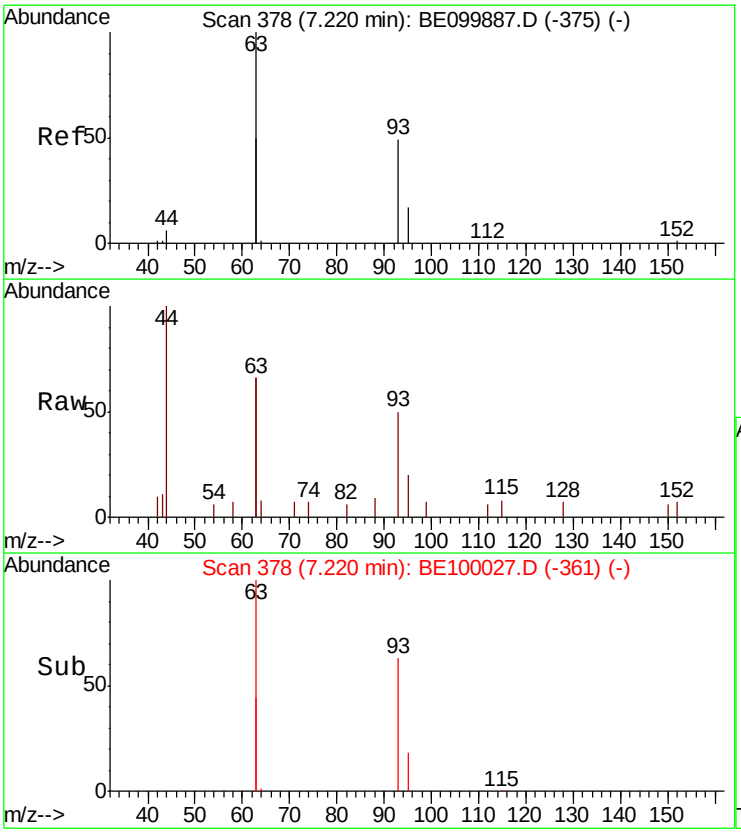
#5
Phenol-d6
Concen: 0.409 ng
RT: 6.97 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1229

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.9	23.9
71	39.6	34.6	52.0

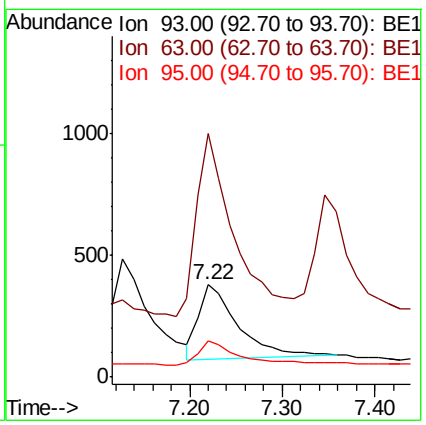


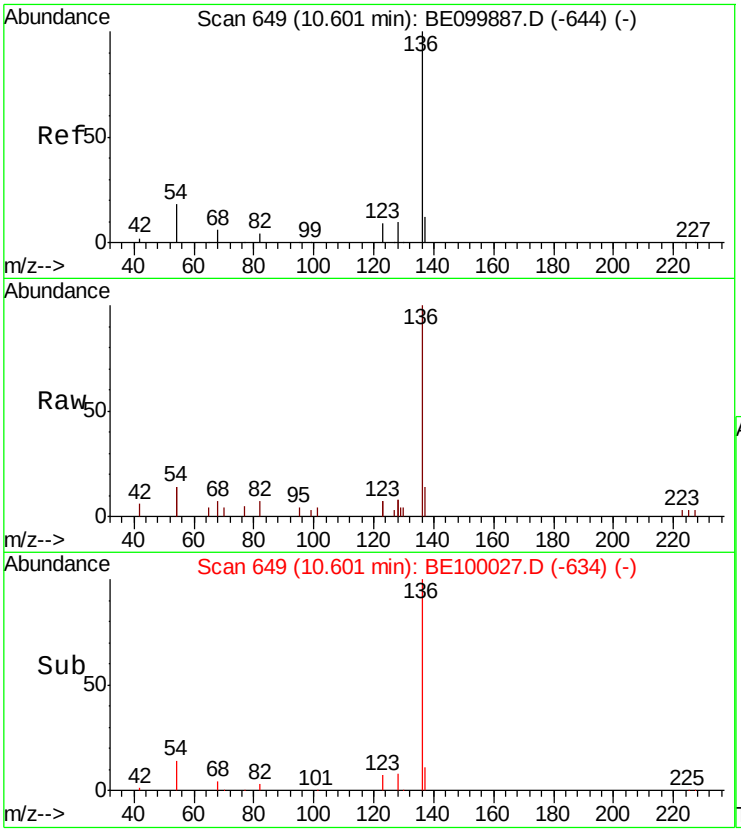


#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion: 93 Resp: 912

Ion	Ratio	Lower	Upper
93	100		
63	233.9	202.8	304.2
95	33.6	23.7	35.5



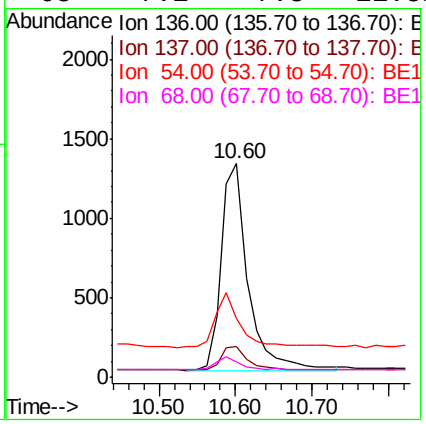


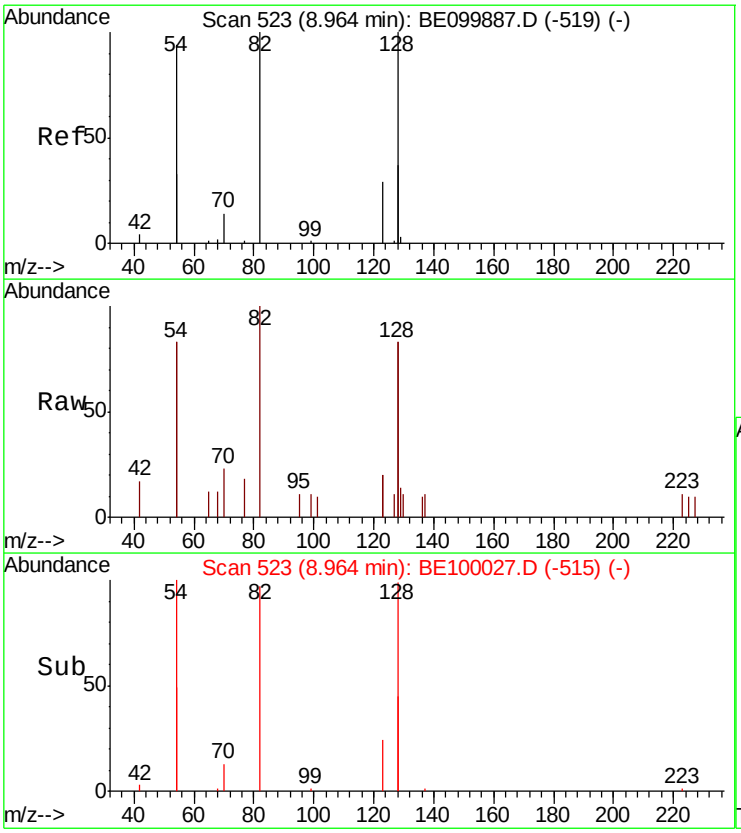
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3172

Ion	Ratio	Lower	Upper
136	100		
137	14.1	12.3	18.5
54	27.7	28.2	42.4#
68	7.1	7.8	11.8#

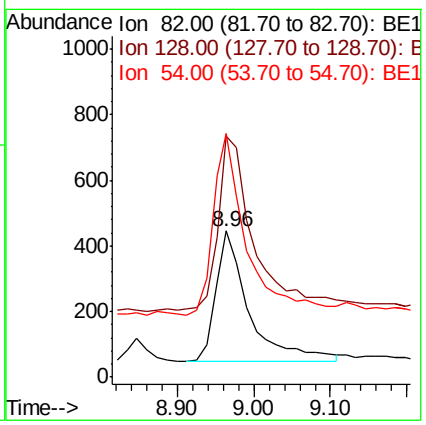


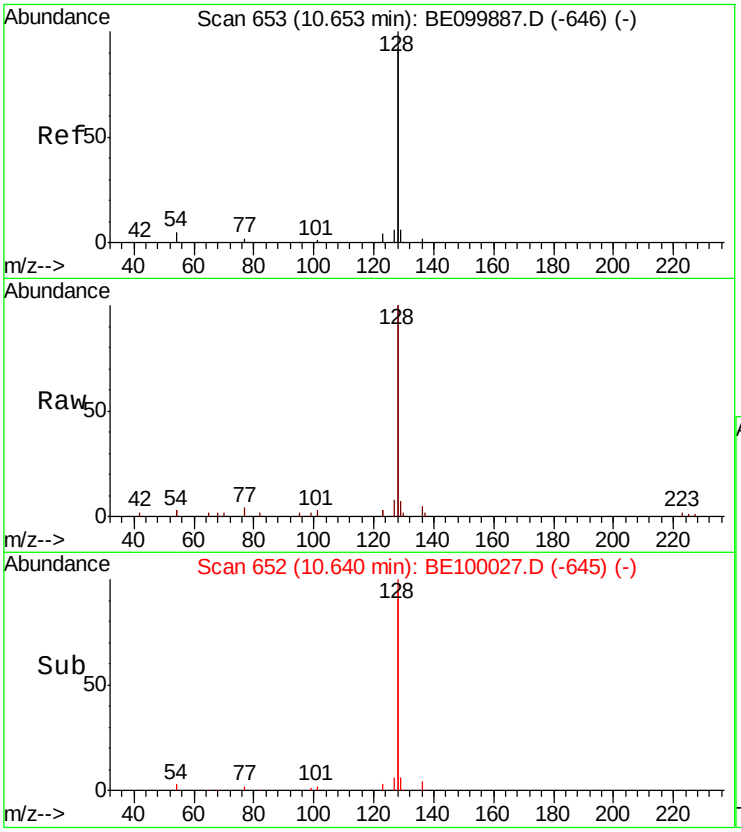


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion: 82 Resp: 1187

Ion	Ratio	Lower	Upper
82	100		
128	165.4	137.3	205.9
54	166.7	129.7	194.5



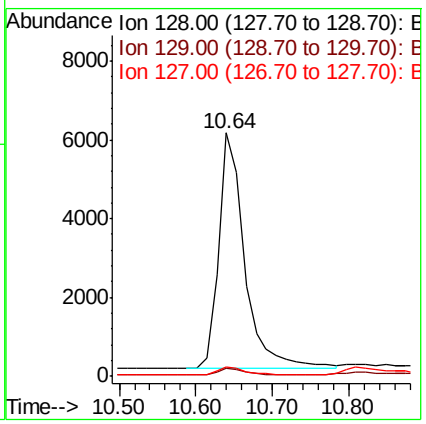


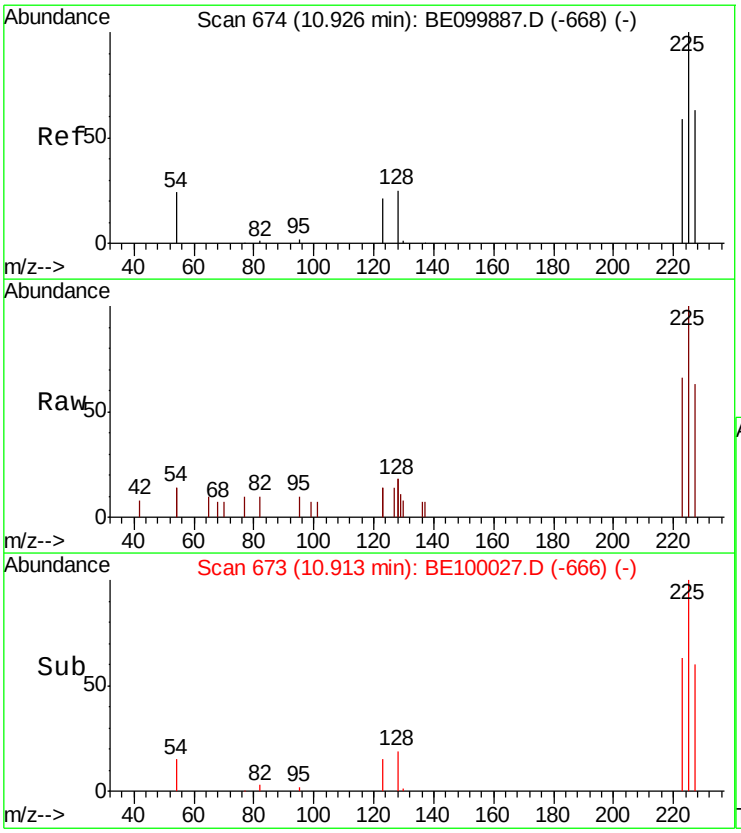
#9
Naphthalene
Concen: 0.418 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 14306

Ion	Ratio	Lower	Upper
128	100		
129	3.6	3.0	4.6
127	3.9	3.4	5.0

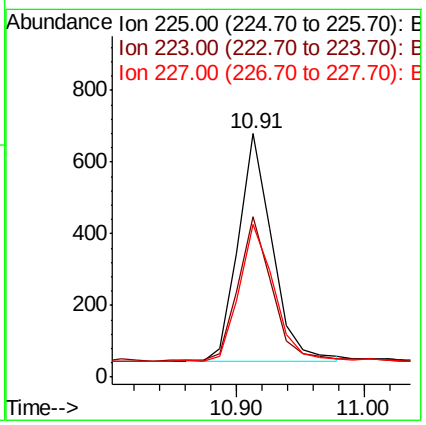


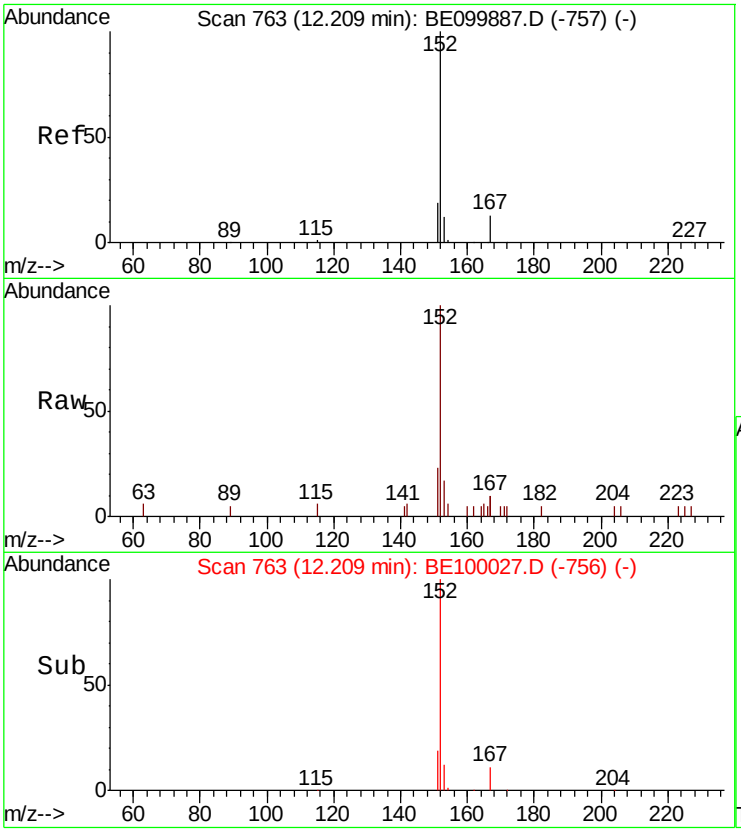


#10
Hexachlorobutadiene
Concen: 0.448 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:225 Resp: 1170

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.6	77.4
227	63.4	50.6	76.0



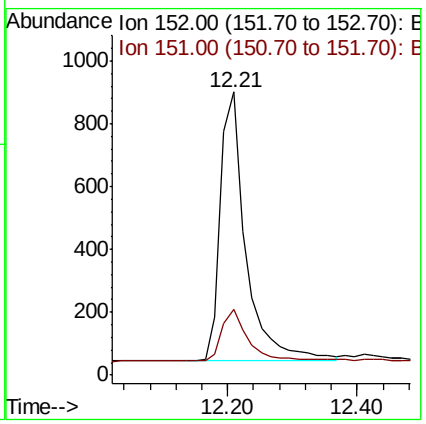


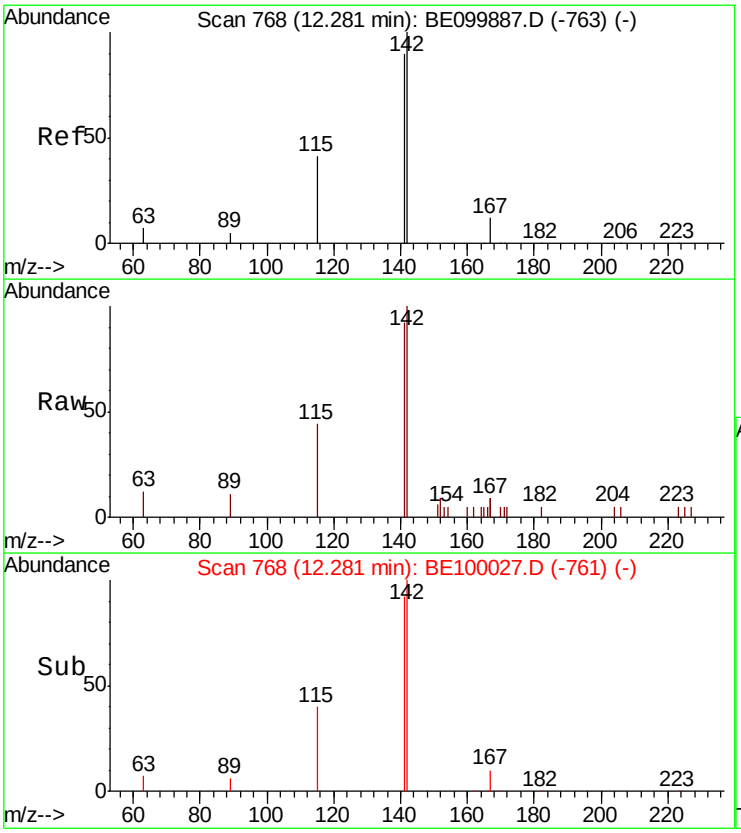
#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2315

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.2	22.8

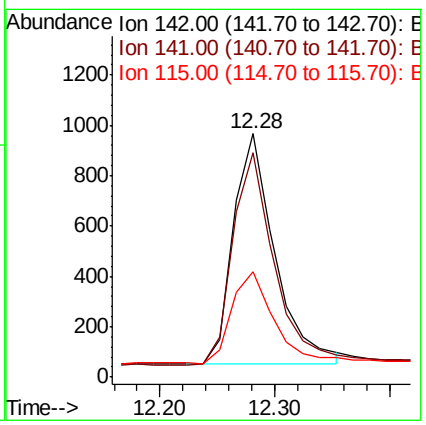


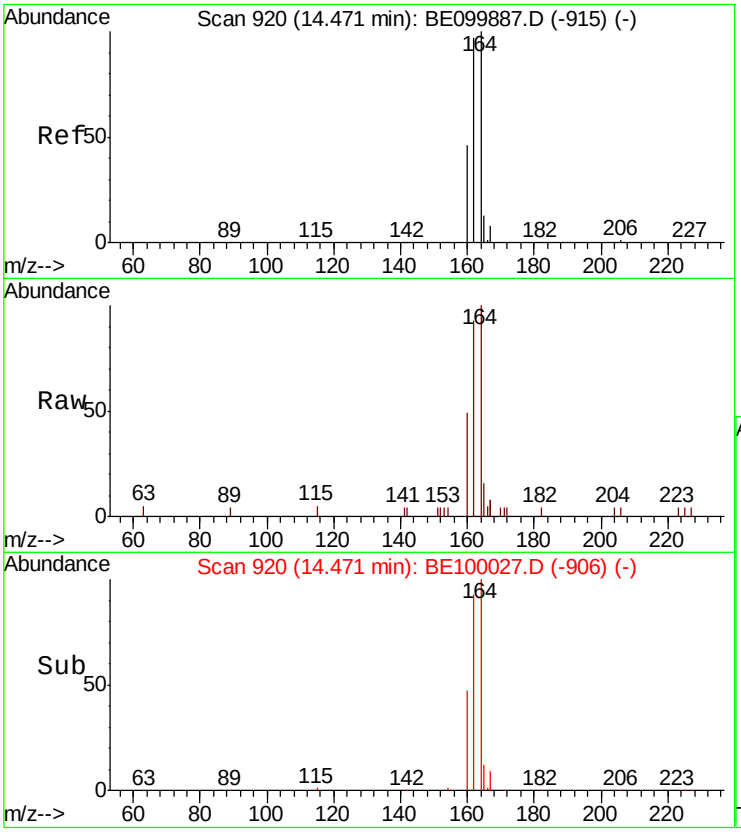


#12
2-Methylnaphthalene
Concen: 0.413 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:142 Resp: 2297

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.3	108.5
115	43.5	36.4	54.6



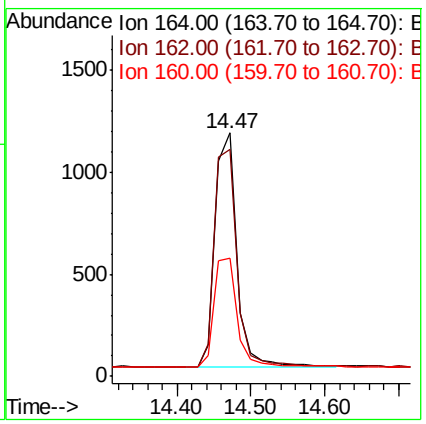


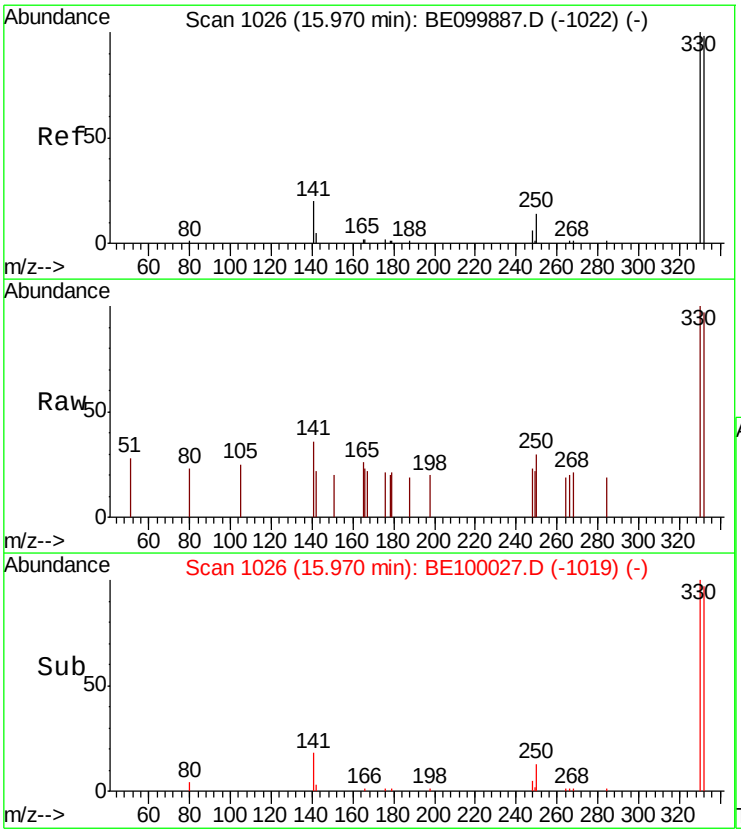
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2347

Ion	Ratio	Lower	Upper
164	100		
162	93.2	77.8	116.8
160	48.7	38.2	57.4

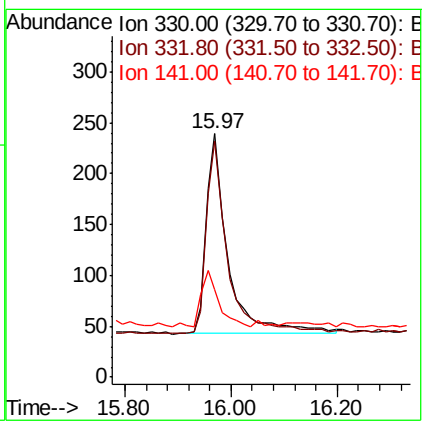


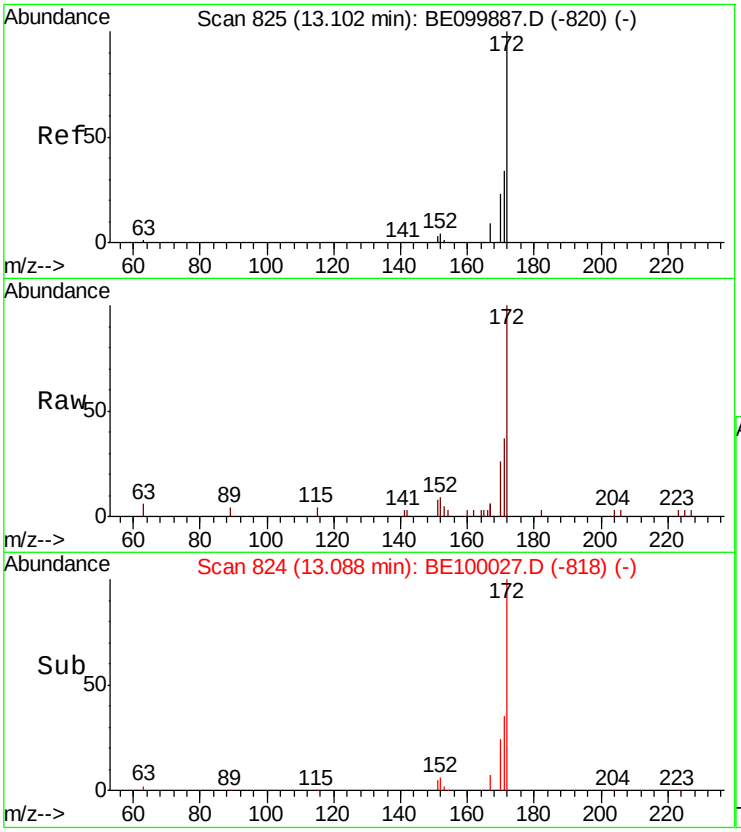


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:330 Resp: 554

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.7	115.1
141	22.0	21.0	31.6



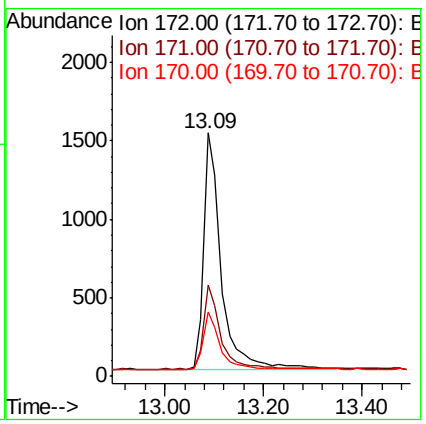


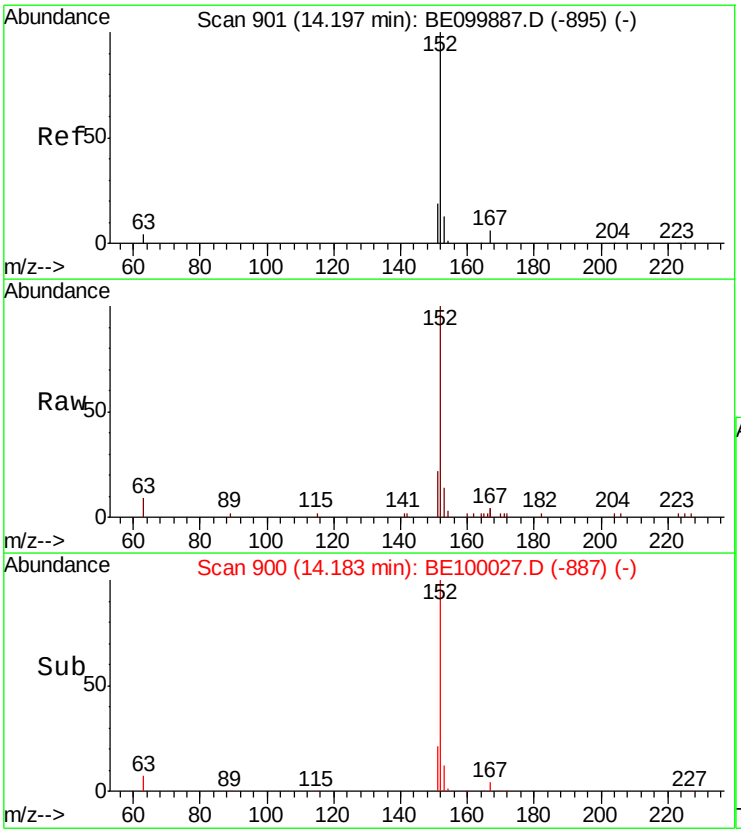
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3725

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.2	43.8
170	26.4	21.2	31.8

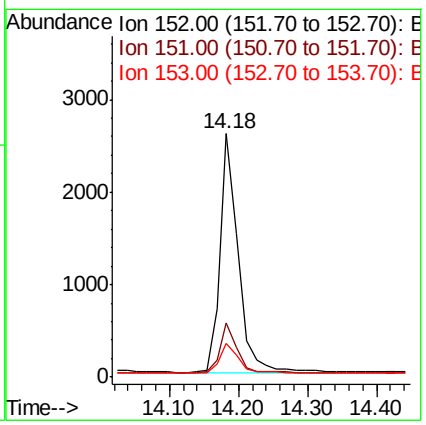


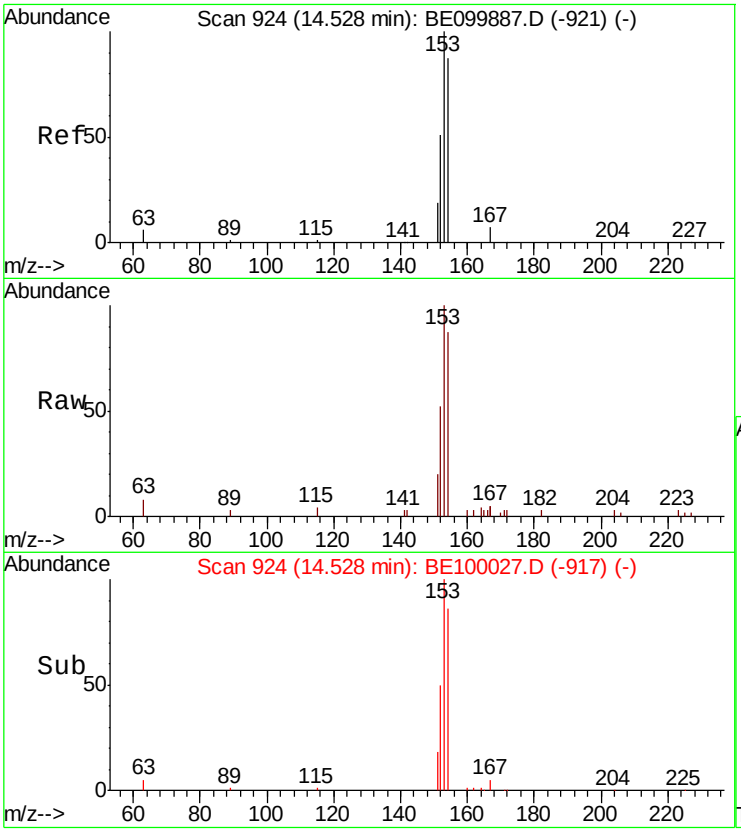


#16
Acenaphthylene
Concen: 0.409 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:152 Resp: 4770

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	12.9	10.2	15.2



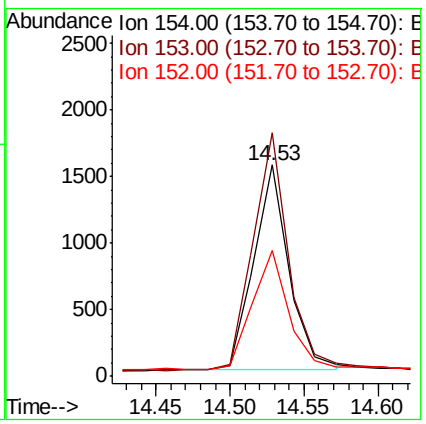


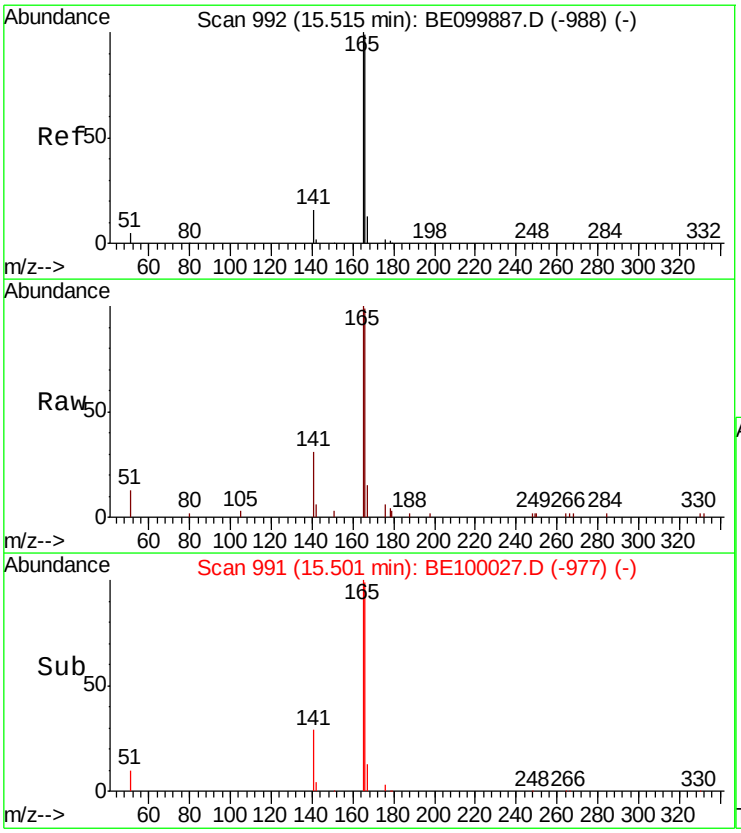
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2509

Ion	Ratio	Lower	Upper
154	100		
153	117.4	93.1	139.7
152	60.5	47.0	70.4

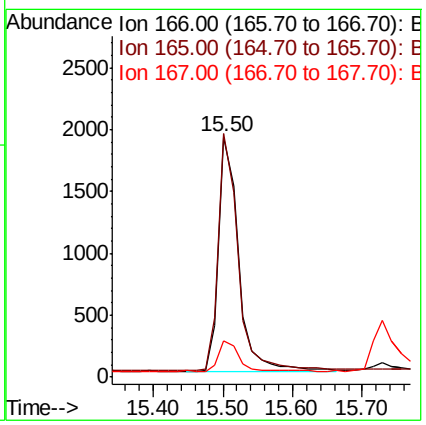


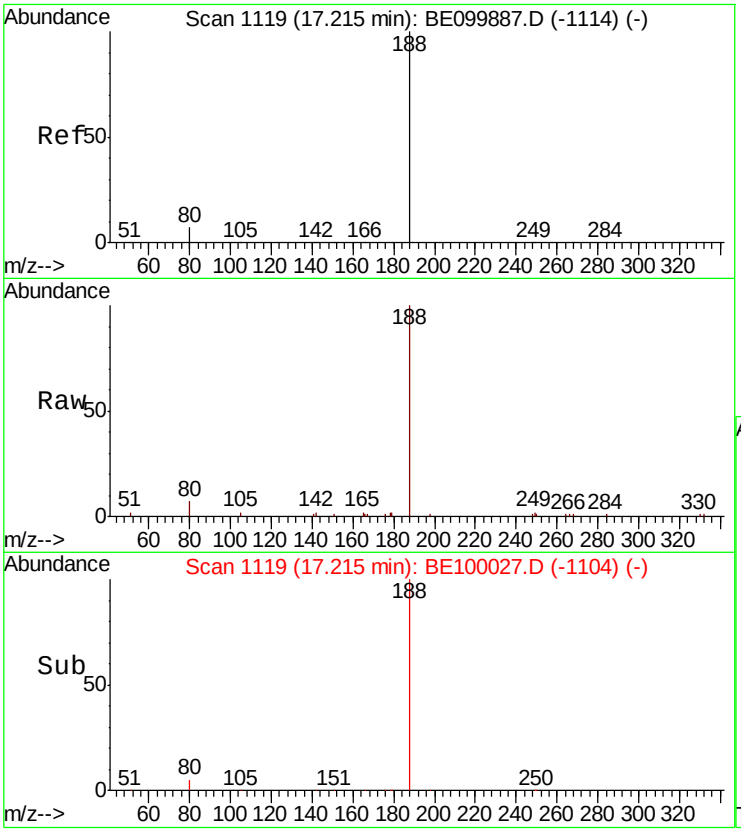


#18
Fluorene
Concen: 0.394 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:166 Resp: 3760

Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.8	122.8
167	13.3	11.2	16.8



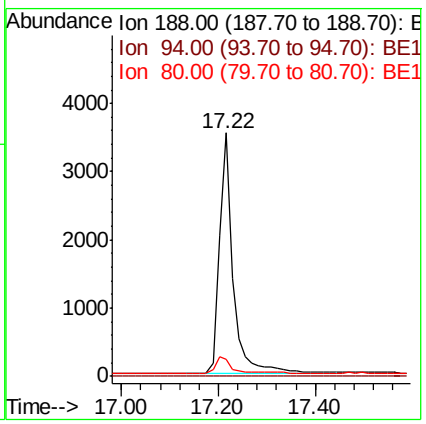


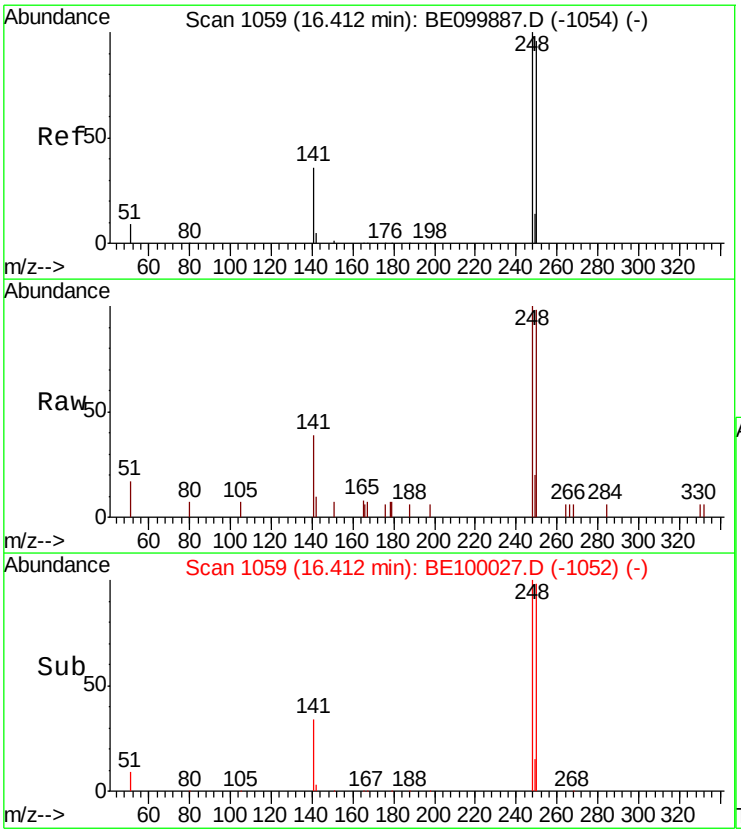
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6939

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

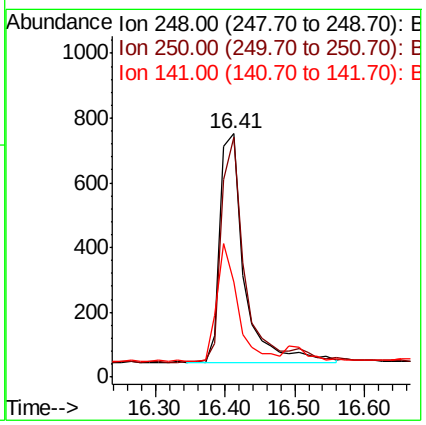


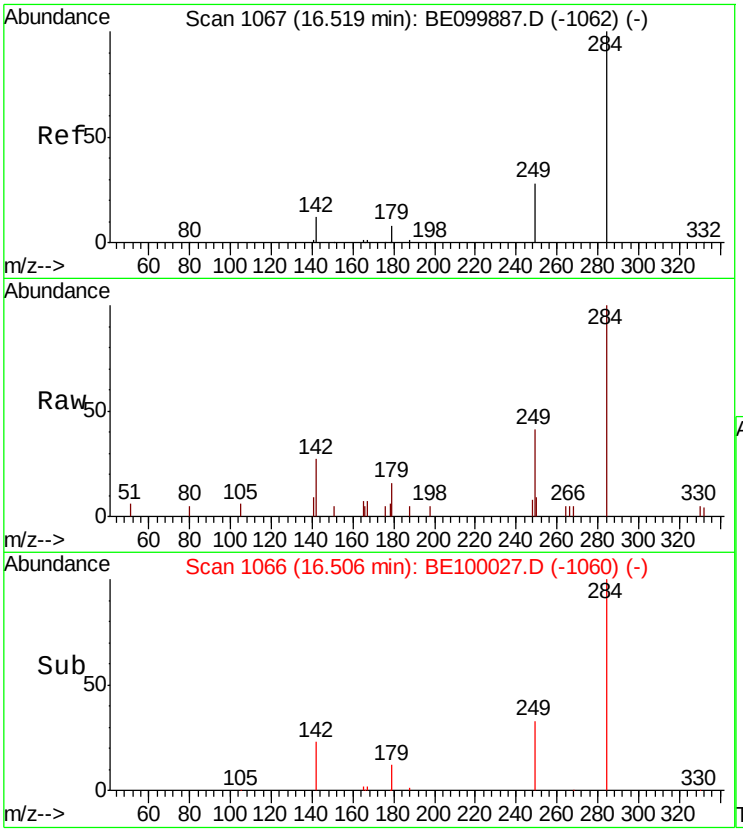


#20
4-Bromophenyl-phenylether
Concen: 0.434 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:248 Resp: 1706

Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.5	116.3
141	38.8	31.8	47.8



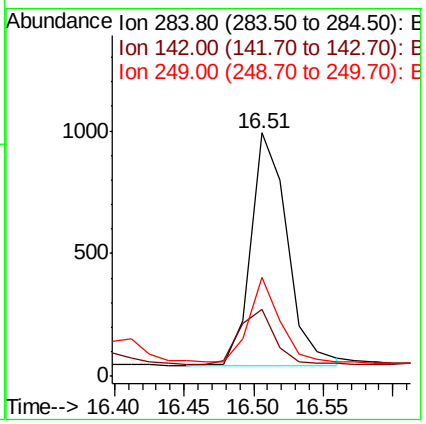


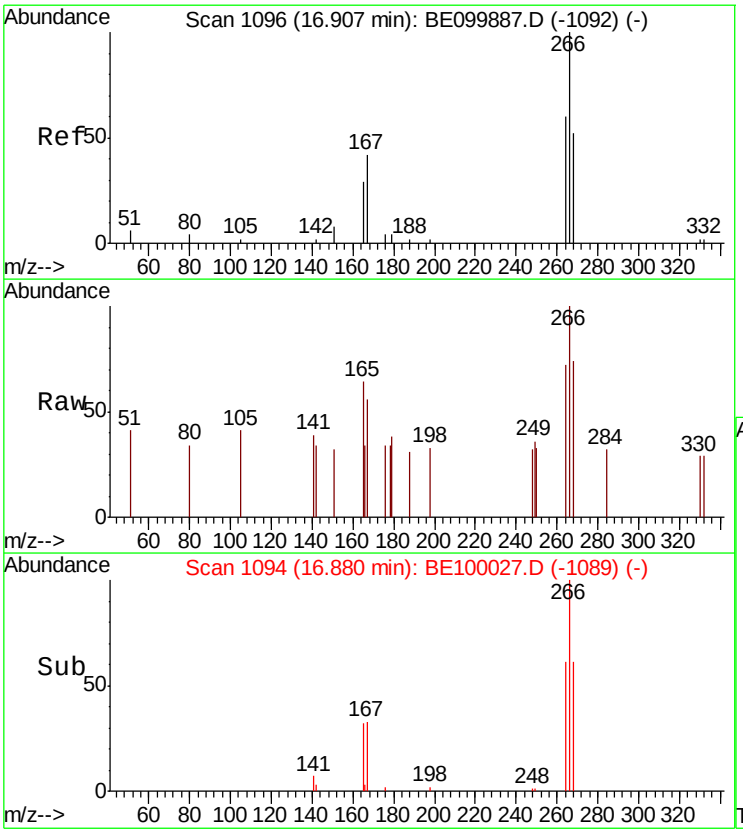
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1713

Ion	Ratio	Lower	Upper
284	100		
142	23.1	18.2	27.4
249	30.5	24.6	37.0

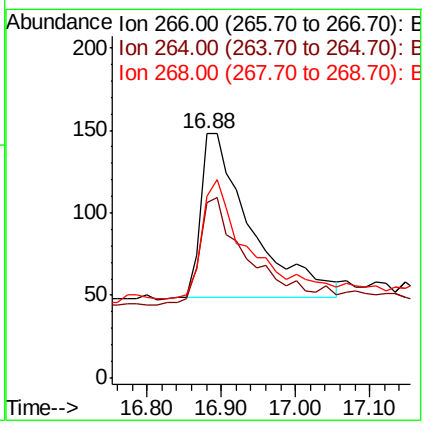


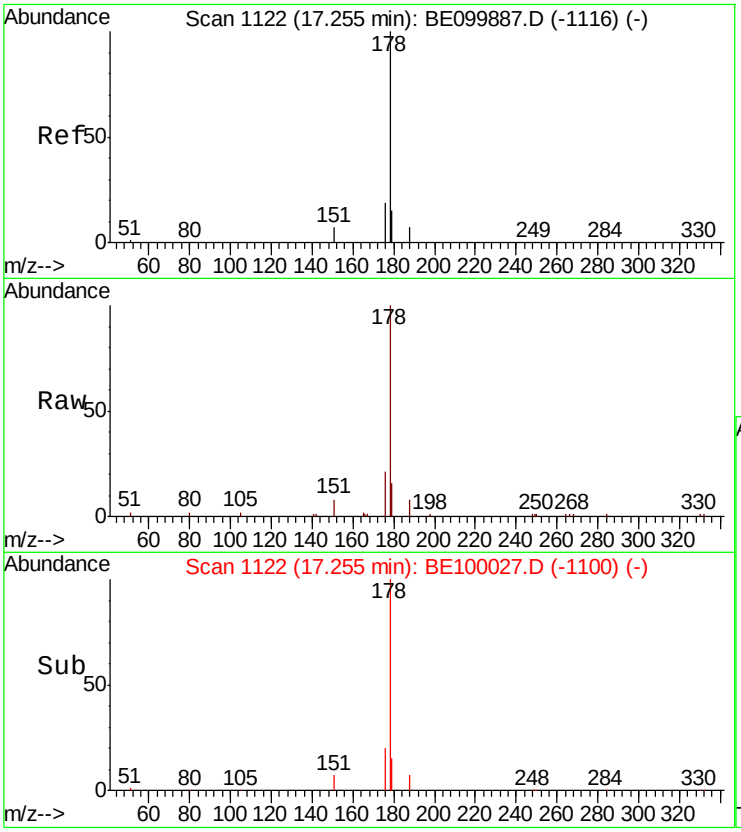


#22
Pentachlorophenol
Concen: 0.540 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:266 Resp: 464

Ion	Ratio	Lower	Upper
266	100		
264	71.6	62.2	93.2
268	74.3	65.5	98.3



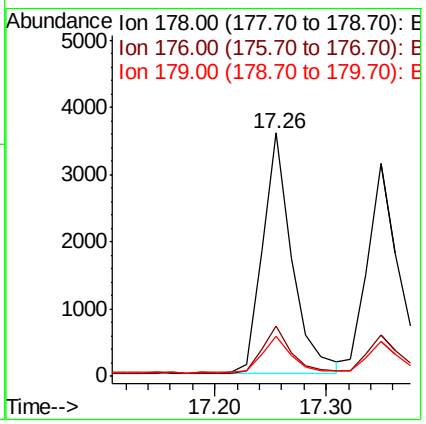


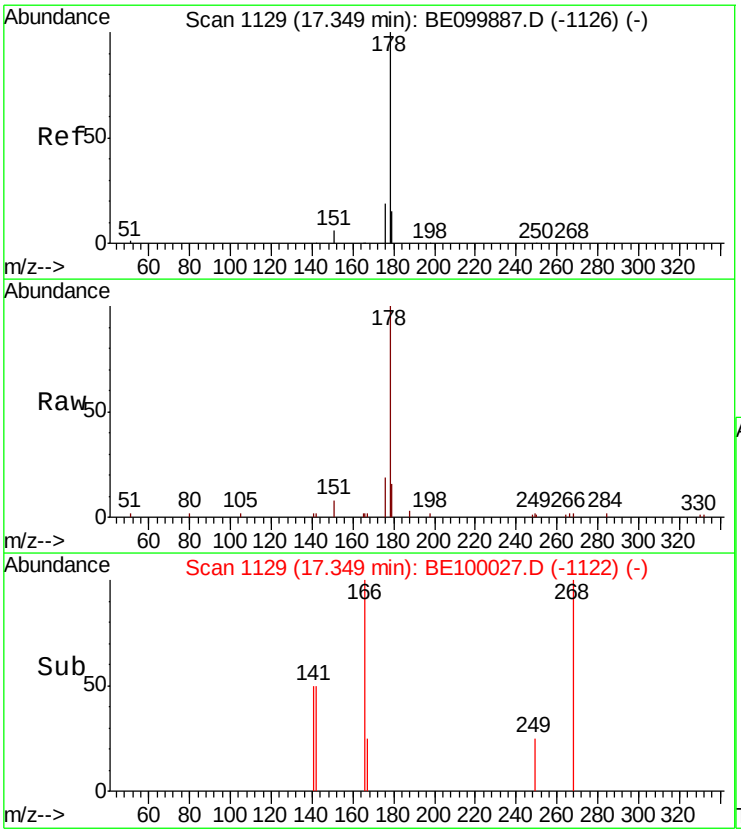
#23
Phenanthrene
Concen: 0.392 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6598

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.5	12.4	18.6

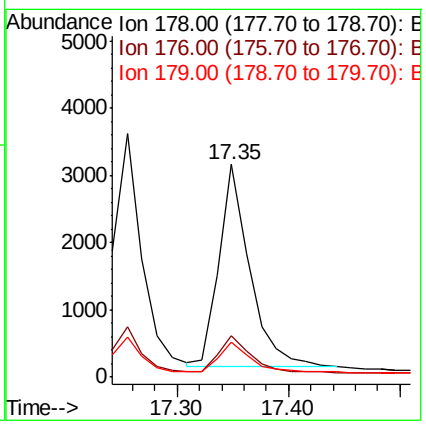


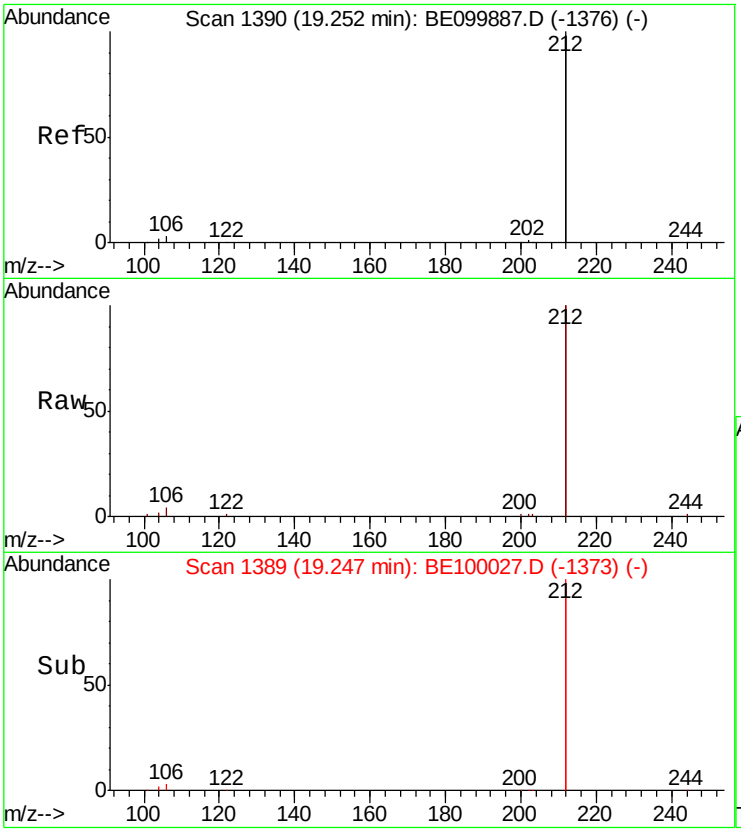


#24
Anthracene
Concen: 0.377 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:178 Resp: 5813

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	14.5	12.3	18.5



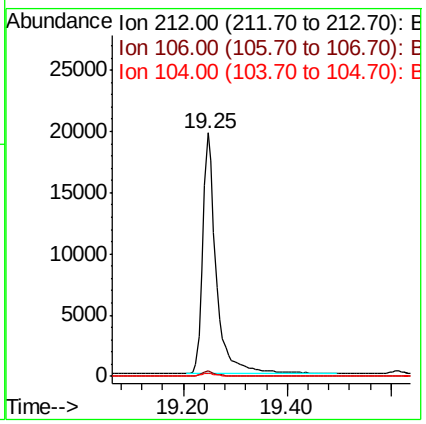


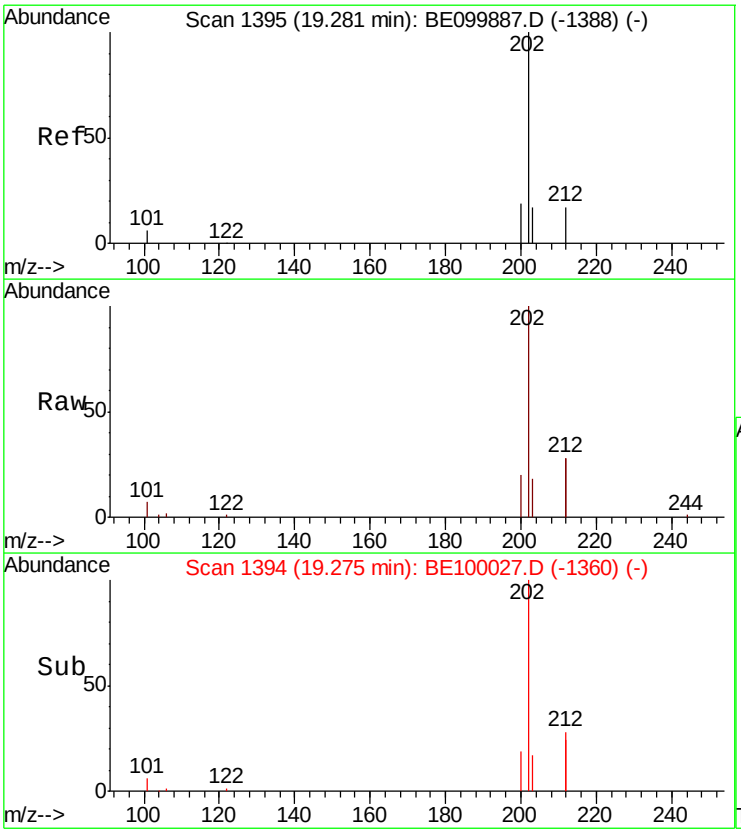
#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 35898

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.2
104	1.0	0.9	1.3

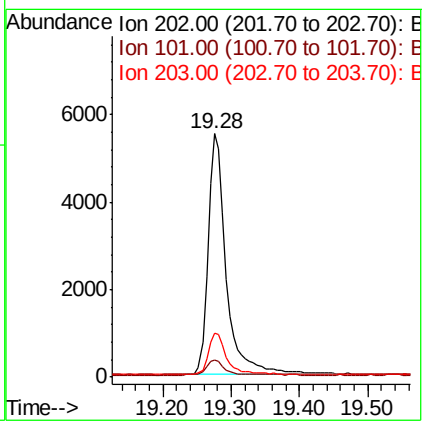


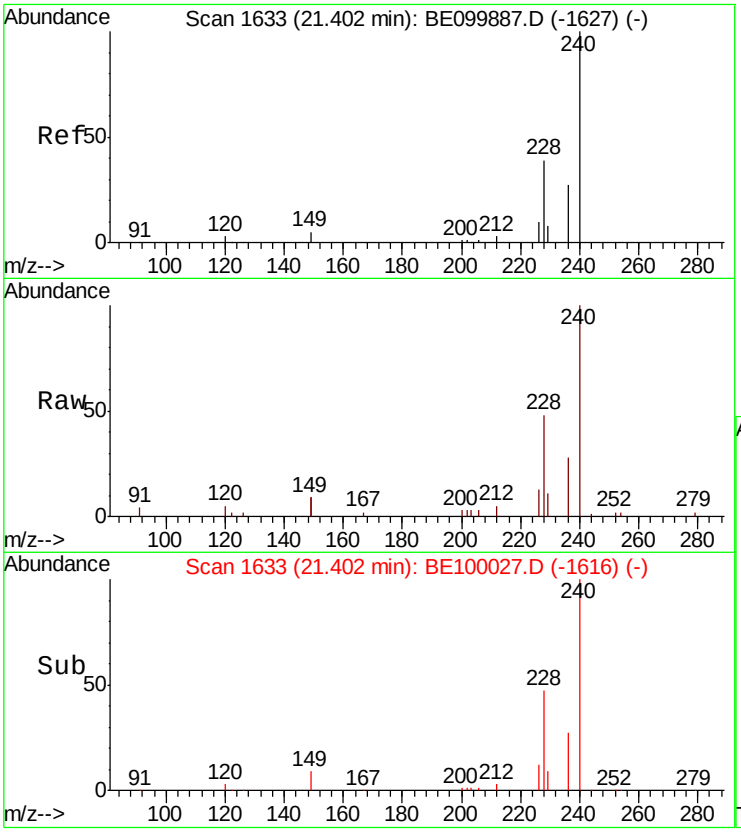


#26
Fluoranthene
Concen: 0.357 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:202 Resp: 10205

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.4	8.0
203	17.3	13.2	19.8



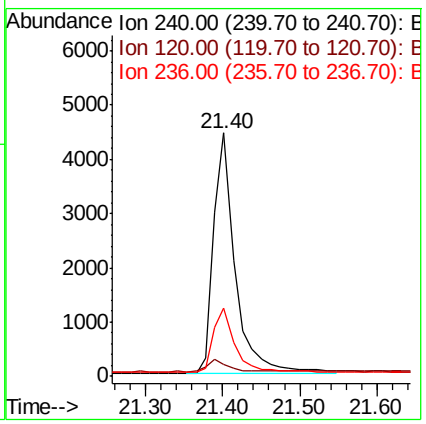


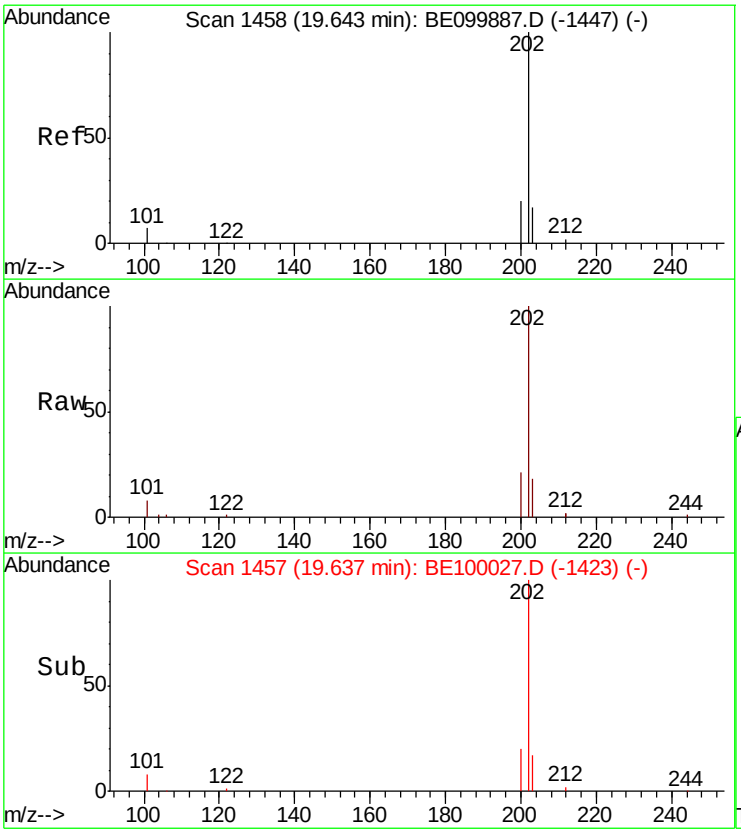
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8610

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.8	5.6
236	27.8	22.0	33.0

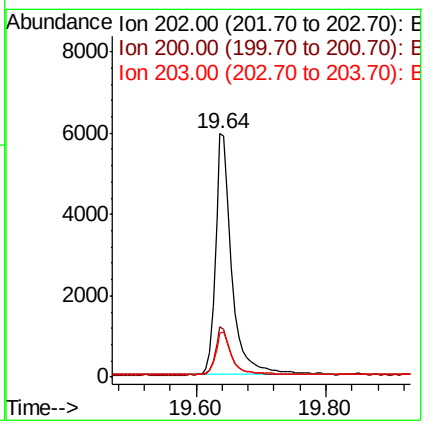


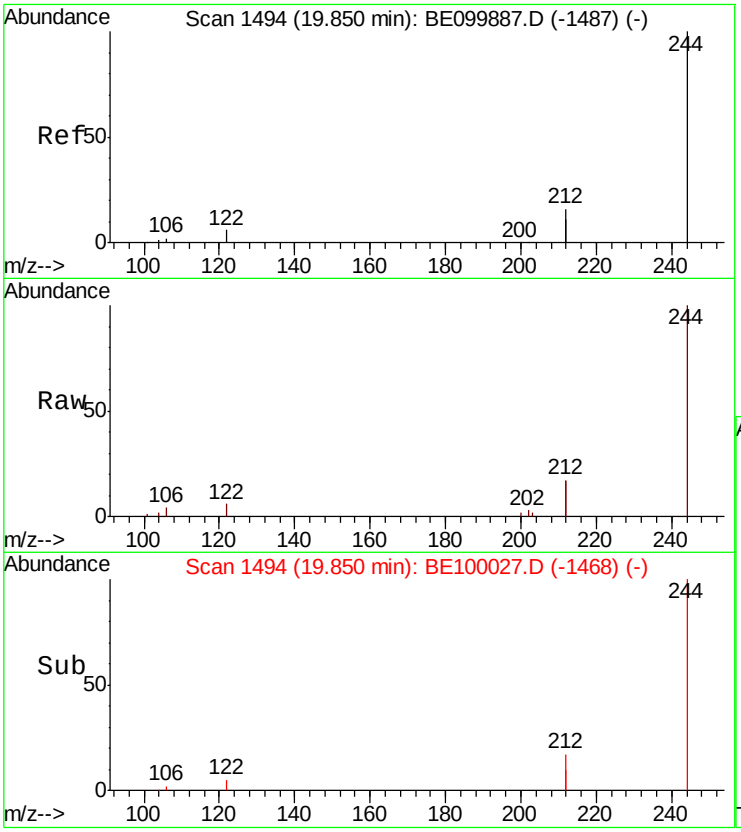


#28
Pyrene
Concen: 0.465 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:202 Resp: 10521

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.5	23.3
203	17.5	14.0	21.0



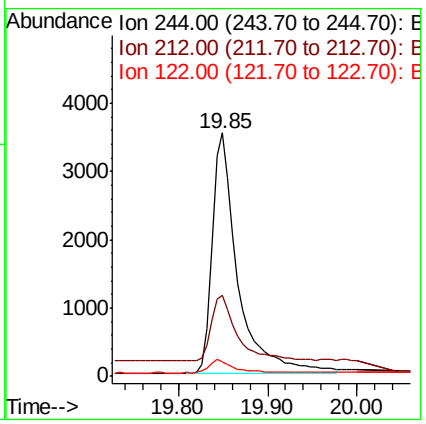


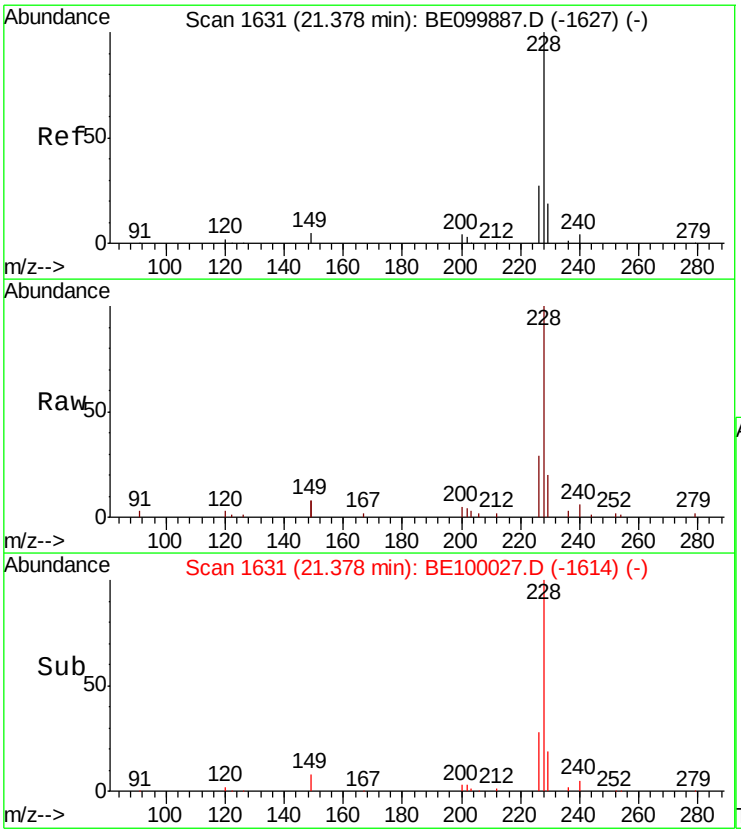
#29
Terphenyl-d14
Concen: 0.446 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6910

Ion	Ratio	Lower	Upper
244	100		
212	33.1	25.7	38.5
122	6.2	5.5	8.3

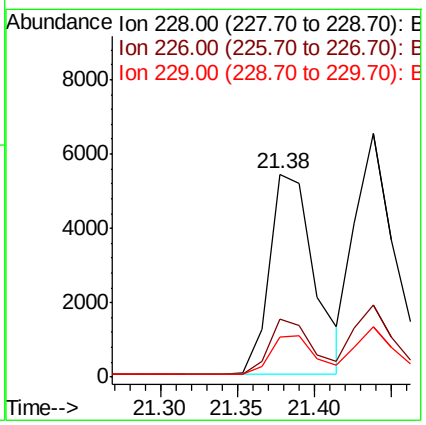


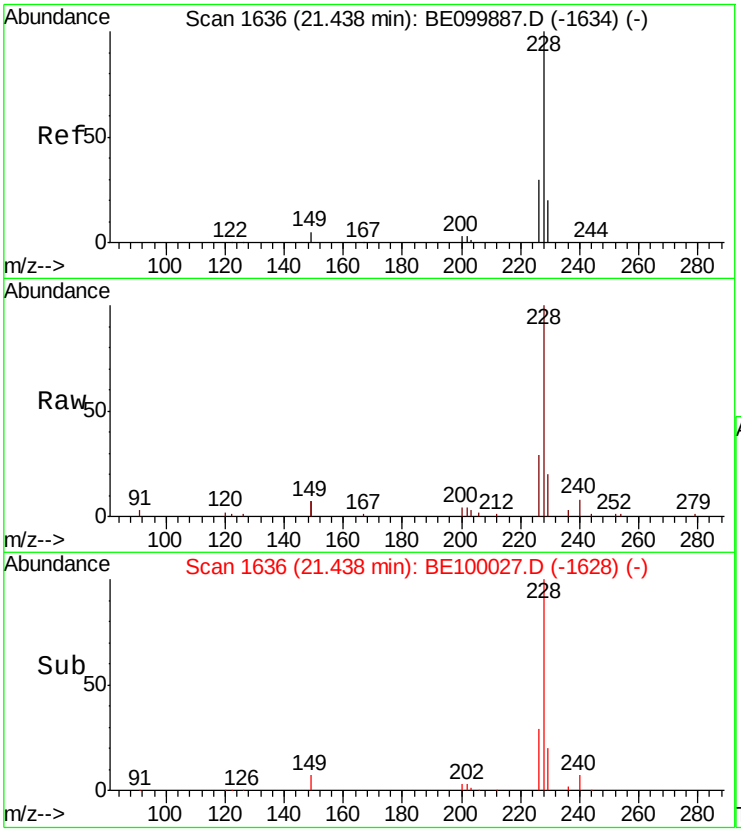


#30
Benzo(a)anthracene
Concen: 0.427 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:228 Resp: 10990

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	19.9	15.9	23.9



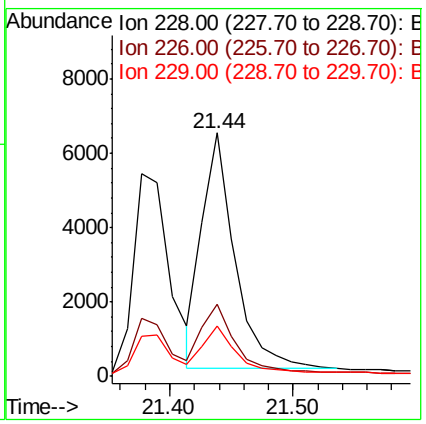


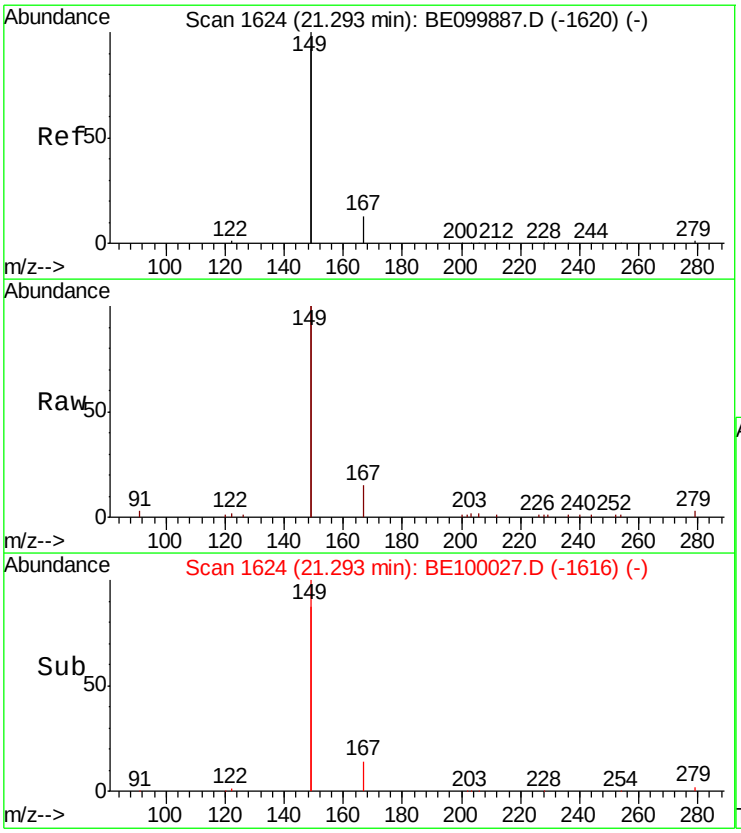
#31
Chrysene
Concen: 0.442 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11762

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	20.5	16.1	24.1

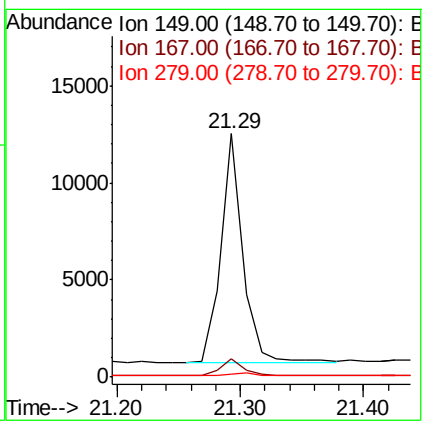


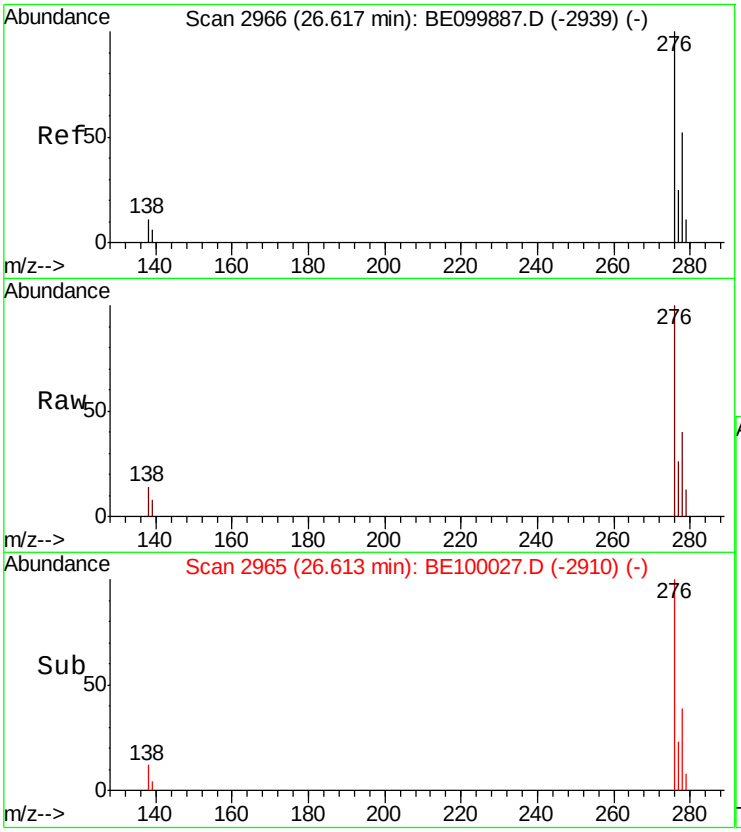


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.399 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:149 Resp: 14717

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.9	8.9
279	1.5	1.2	1.8



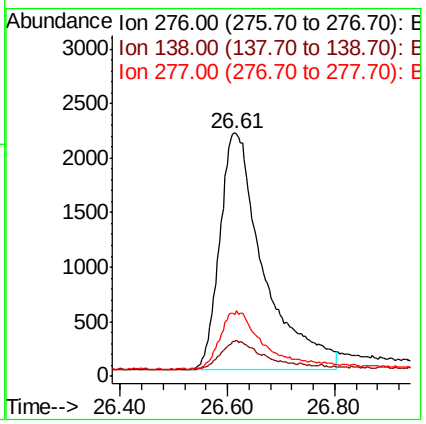


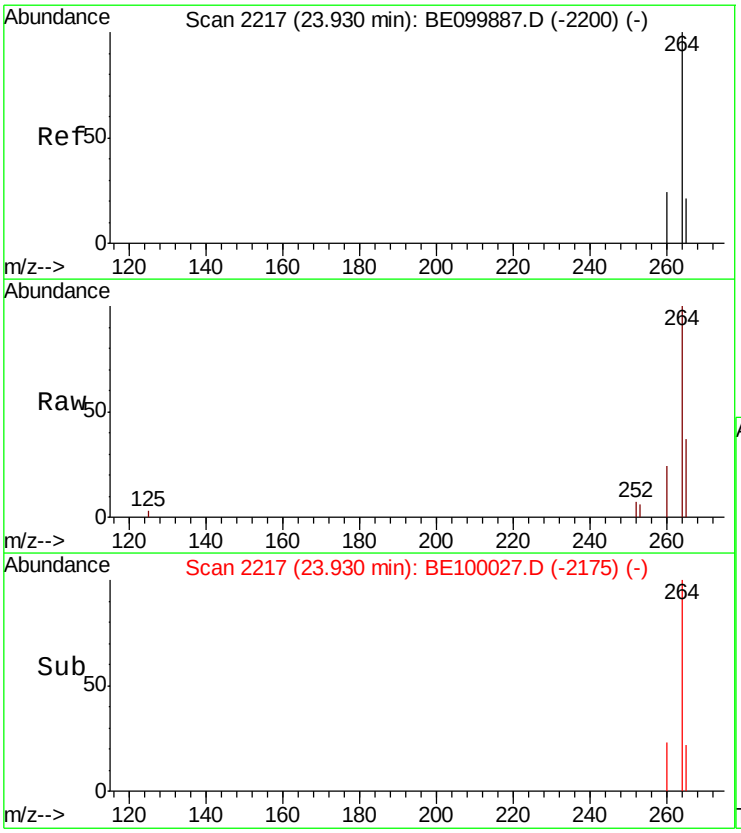
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng
RT: 26.61 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12365

Ion	Ratio	Lower	Upper
276	100		
138	11.3	10.1	15.1
277	23.6	19.1	28.7

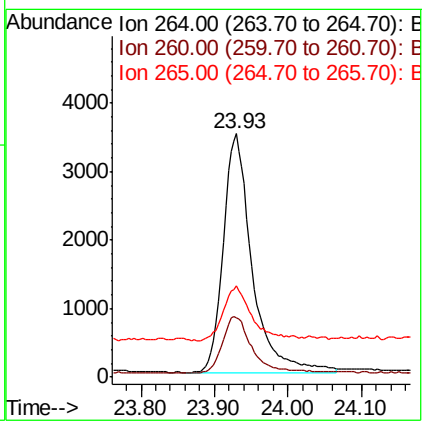


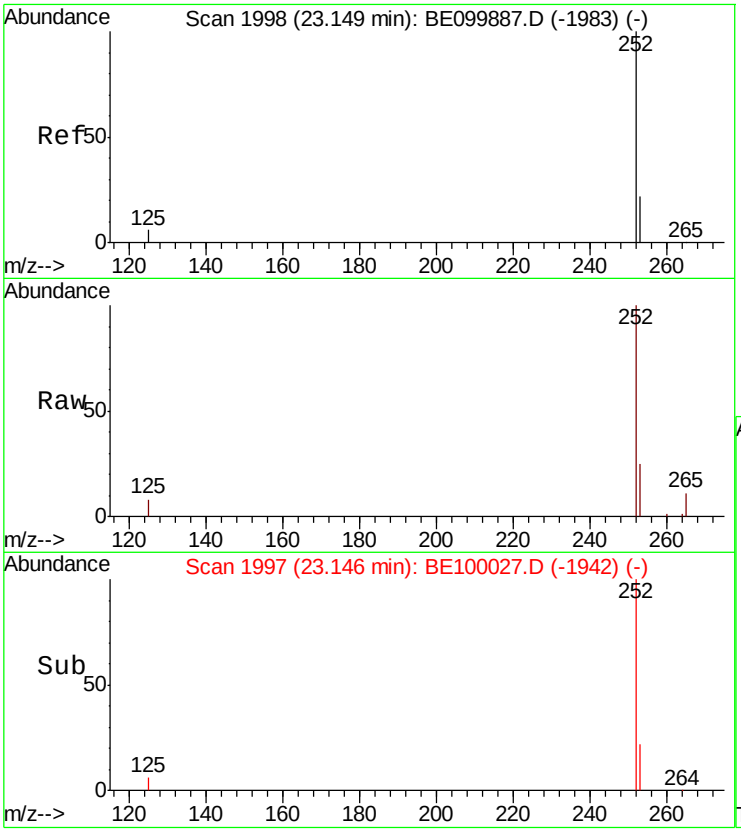


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:264 Resp: 9625

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	37.3	22.0	33.0#



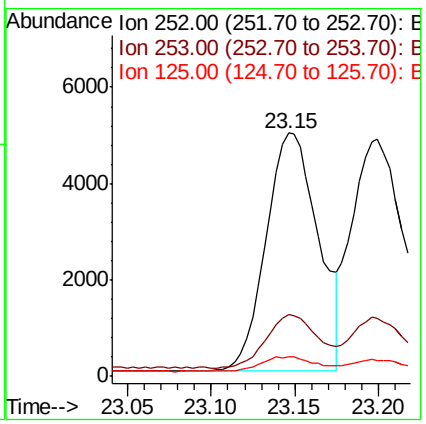


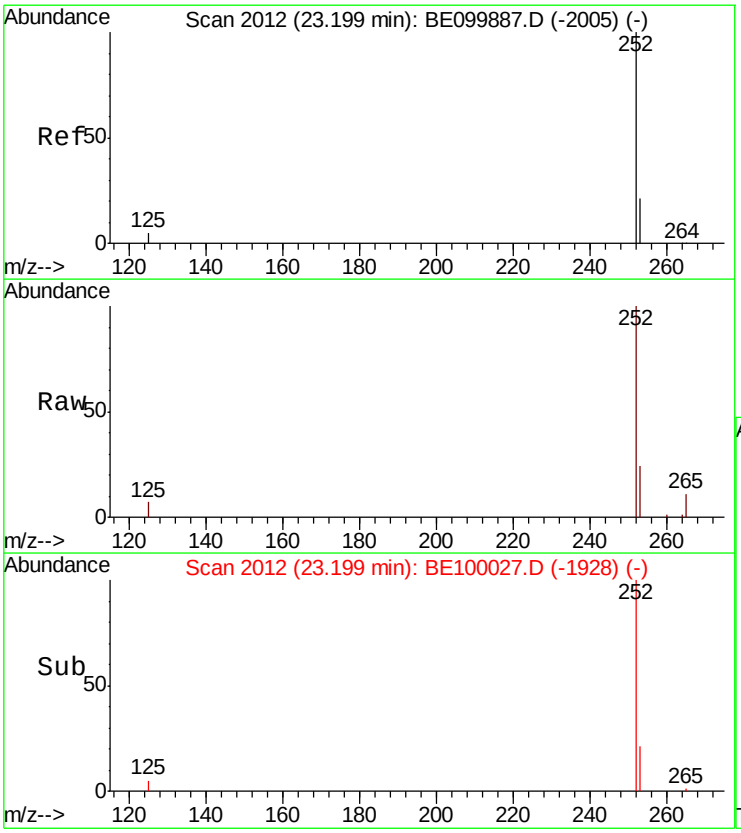
#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10701

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.7	28.1
125	8.3	5.7	8.5

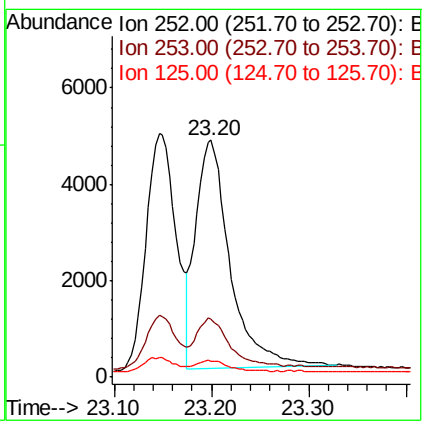


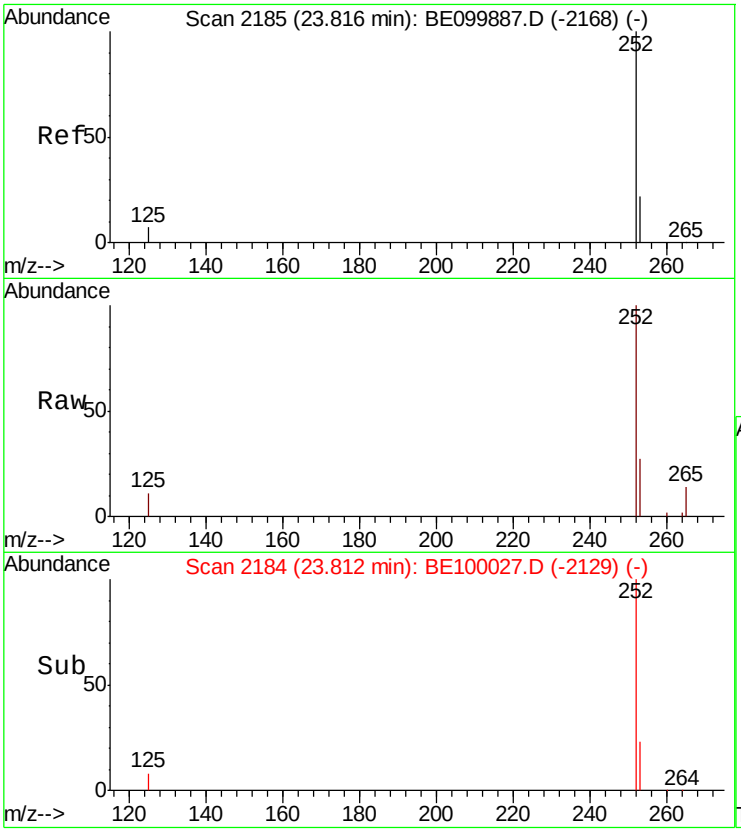


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.20 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:252 Resp: 11625

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	28.0
125	6.8	5.4	8.0



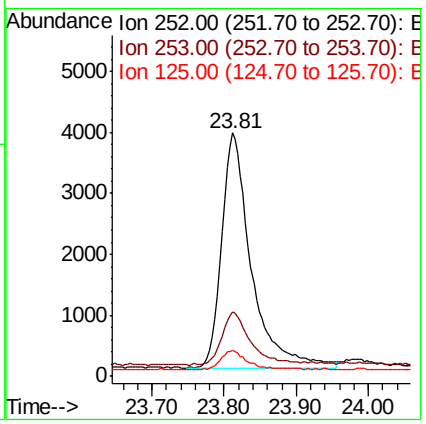


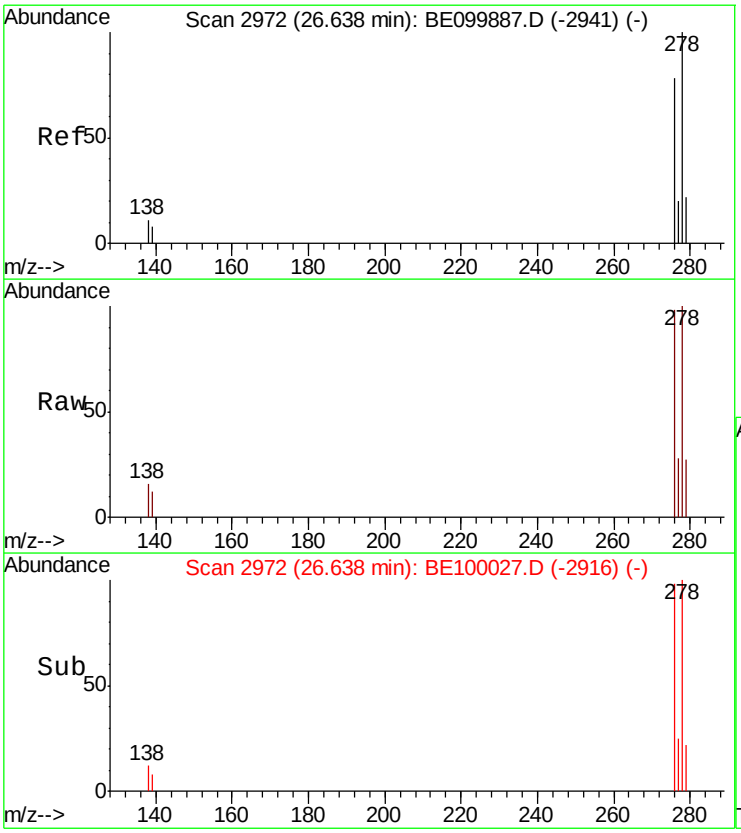
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10925

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.6	29.4
125	10.5	6.6	10.0#

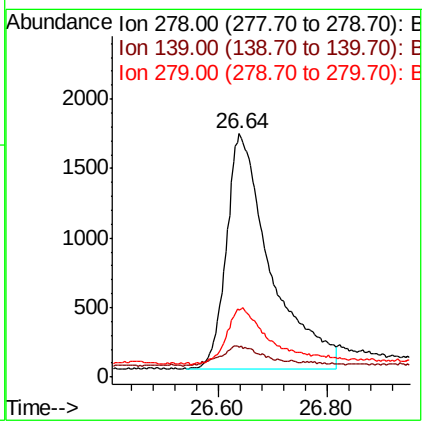


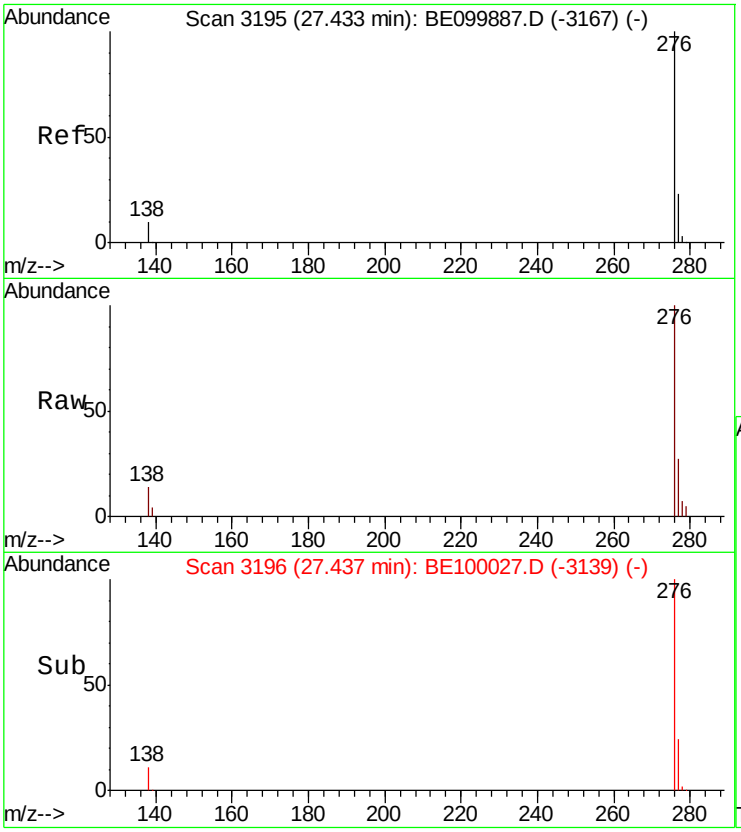


#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 26.64 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Tgt Ion:278 Resp: 9543

Ion	Ratio	Lower	Upper
278	100		
139	12.2	7.8	11.8#
279	27.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 27.44 min Scan# 3196
Delta R.T. 0.00 min
Lab File: BE100027.D
Acq: 14 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10400

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.5	29.3
138	13.7	9.5	14.3