Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100046.D
Acq On : 15 Jun 2019 6:11
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 15 06:44:29 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	978	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	3609	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	2648	0.40	ng		-0.01
19) Phenanthrene-d10	17.21	188	7366	0.40	ng		0.00
27) Chrysene-d12	21.40	240	9796	0.40	ng		0.00
34) Perylene-d12	23.92	264	10910	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	1084	0.41	ng		0.00
5) Phenol-d6	6.96	99	1420	0.42	ng		0.00
8) Nitrobenzene-d5	8.96	82	1389	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	2614	0.42	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	592	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4242	0.42	ng		-0.01
25) Fluoranthene-d10	19.25	212	39982	0.37	ng		0.00
29) Terphenyl-d14	19.85	244	7712	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	497	0.343	ng		100
3) n-Nitrosodimethylamine	3.64	42	138	0.165	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	1041	0.375	ng		90
9) Naphthalene	10.64	128	16106	0.413	ng		99
10) Hexachlorobutadiene	10.91	225	1347	0.453	ng		100
12) 2-Methylnaphthalene	12.28	142	2600	0.411	ng		96
16) Acenaphthylene	14.18	152	5327	0.404	ng		99
17) Acenaphthene	14.53	154	2886	0.402	ng		99
18) Fluorene	15.50	166	4295	0.399	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	1895	0.454	ng	#	87
21) Hexachlorobenzene	16.51	284	1946	0.456	ng		98
22) Pentachlorophenol	16.89	266	484	0.536	ng		92
23) Phenanthrene	17.26	178	7536	0.422	ng		99
24) Anthracene	17.35	178	6681	0.408	ng		99
26) Fluoranthene	19.28	202	11660	0.384	ng		99
28) Pyrene	19.64	202	12134	0.471	ng		100
30) Benzo(a)anthracene	21.38	228	13146	0.449	ng		100
31) Chrysene	21.44	228	12989	0.429	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16506	0.393	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	13543	0.377	ng	#	94
35) Benzo(b)fluoranthene	23.20	252	13478	0.441	ng		99
36) Benzo(k)fluoranthene	23.20	252	13755	0.430	ng		99
37) Benzo(a)pyrene	23.81	252	12489	0.415	ng	#	96
38) Dibenzo(a,h)anthracene	26.64	278	10476	0.345	ng	#	96
39) Benzo(g,h,i)perylene	27.43	276	11675	0.373	ng		98

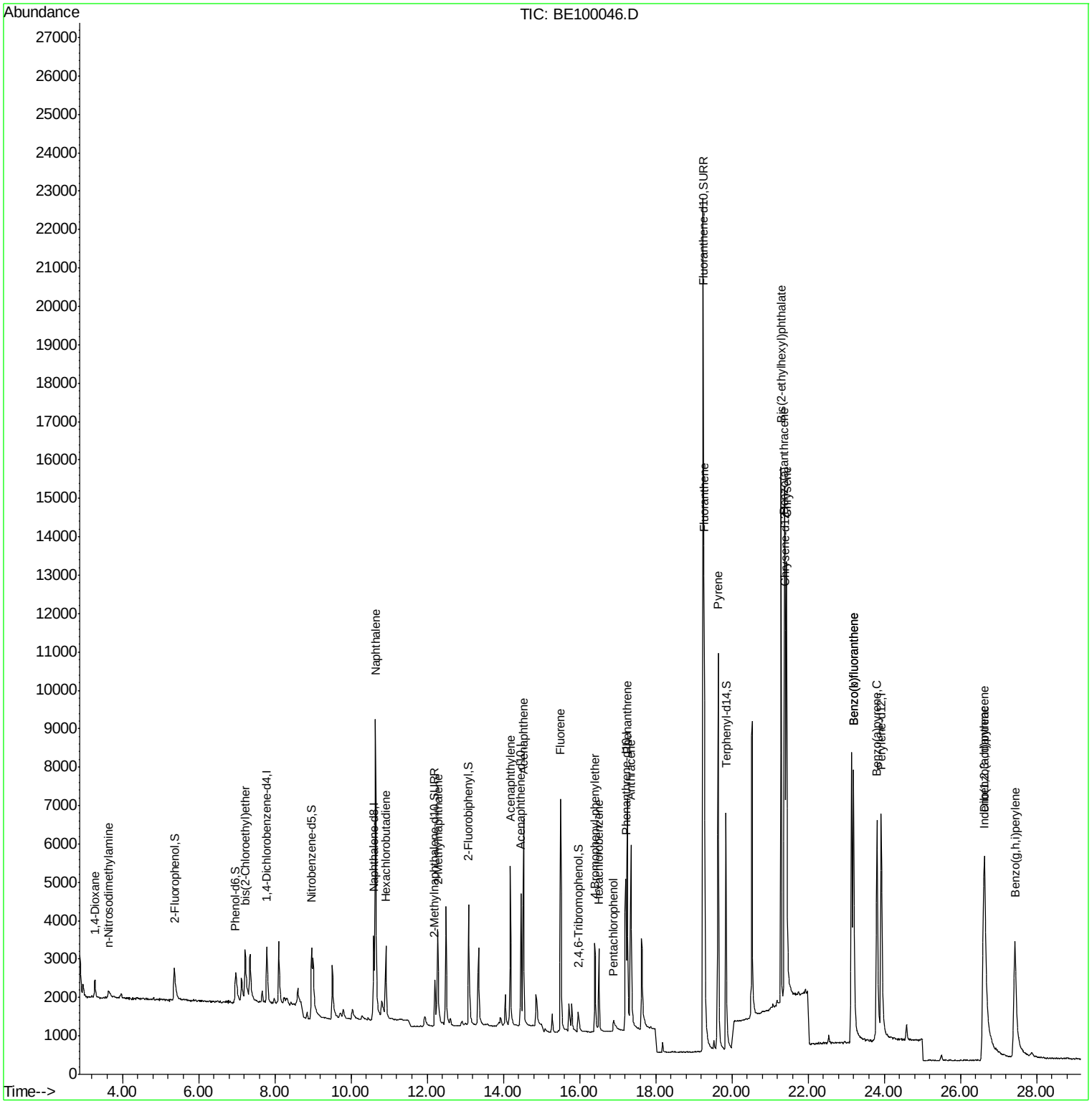
(#) = qualifier out of range (m) = manual integration (+) = signals summed

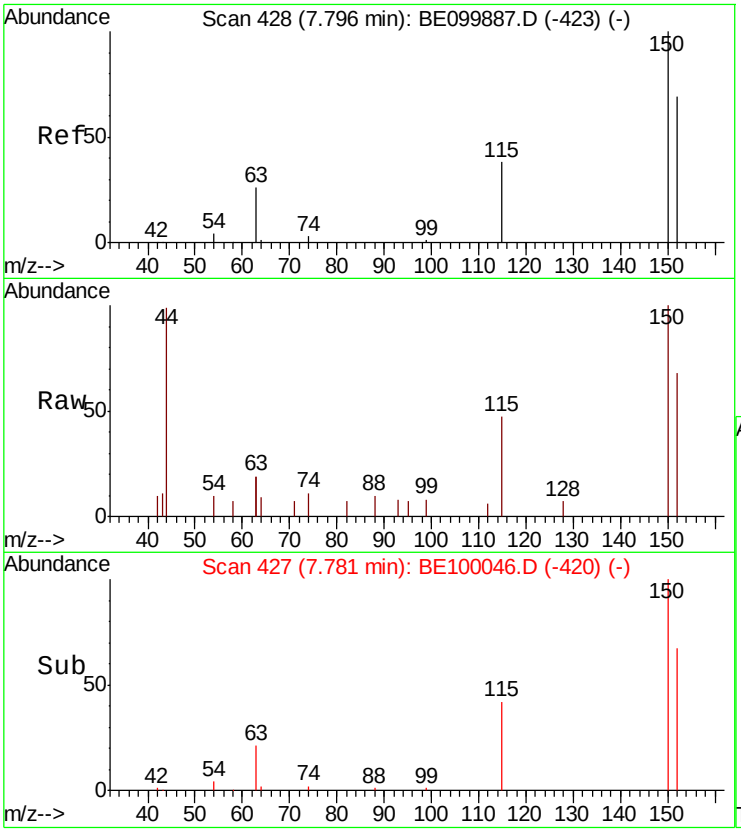
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100046.D
Acq On : 15 Jun 2019 6:11
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 15 06:44:29 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



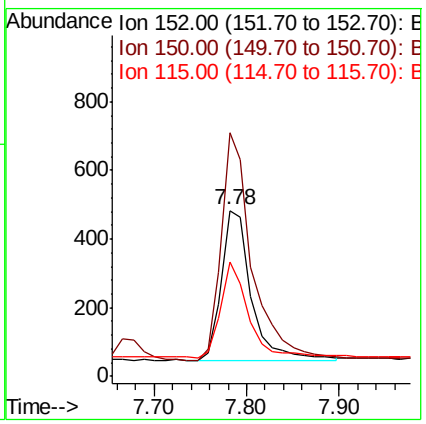


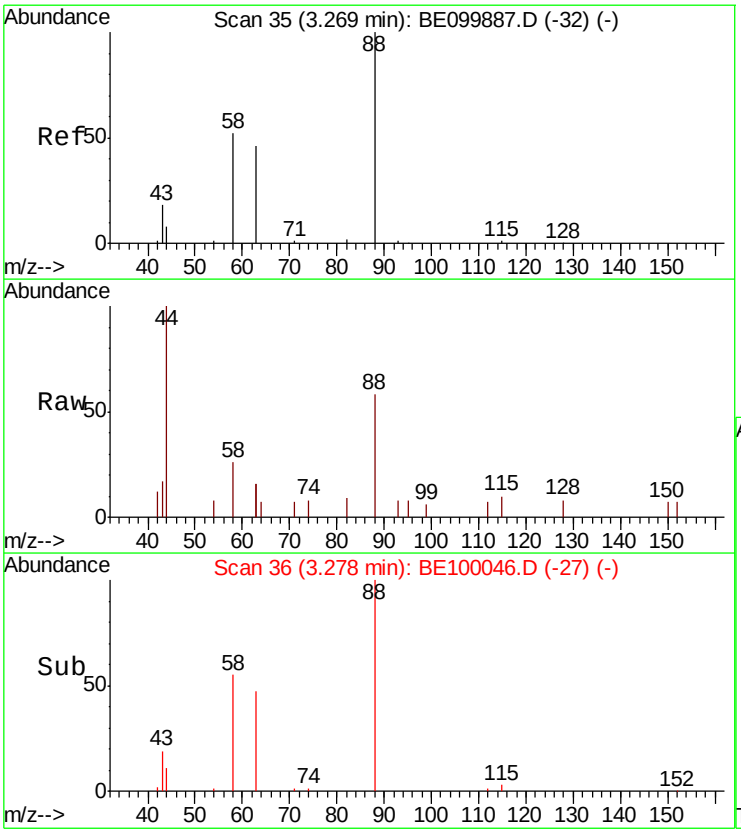
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 978

Ion	Ratio	Lower	Upper
152	100		
150	146.8	111.0	166.6
115	68.7	50.7	76.1

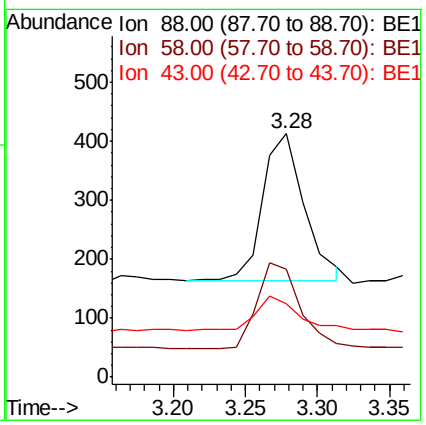


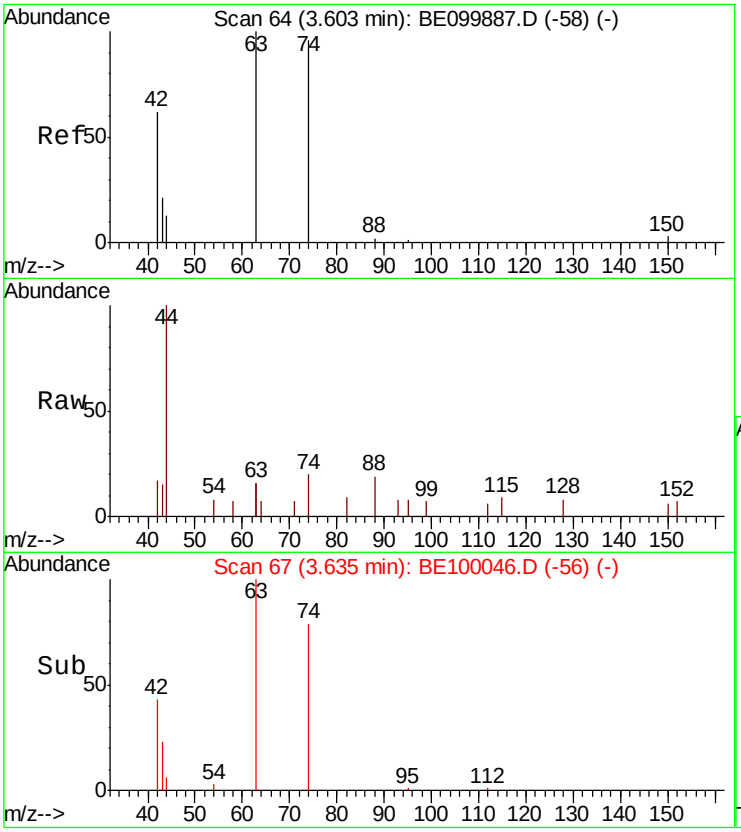


#2
1,4-Dioxane
Concen: 0.343 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion: 88 Resp: 497

Ion	Ratio	Lower	Upper
88	100		
58	61.0	48.8	73.2
43	23.5	19.0	28.6



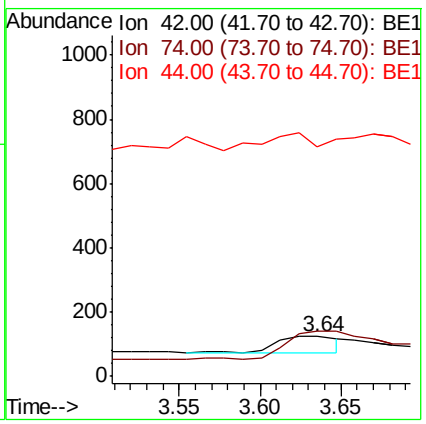


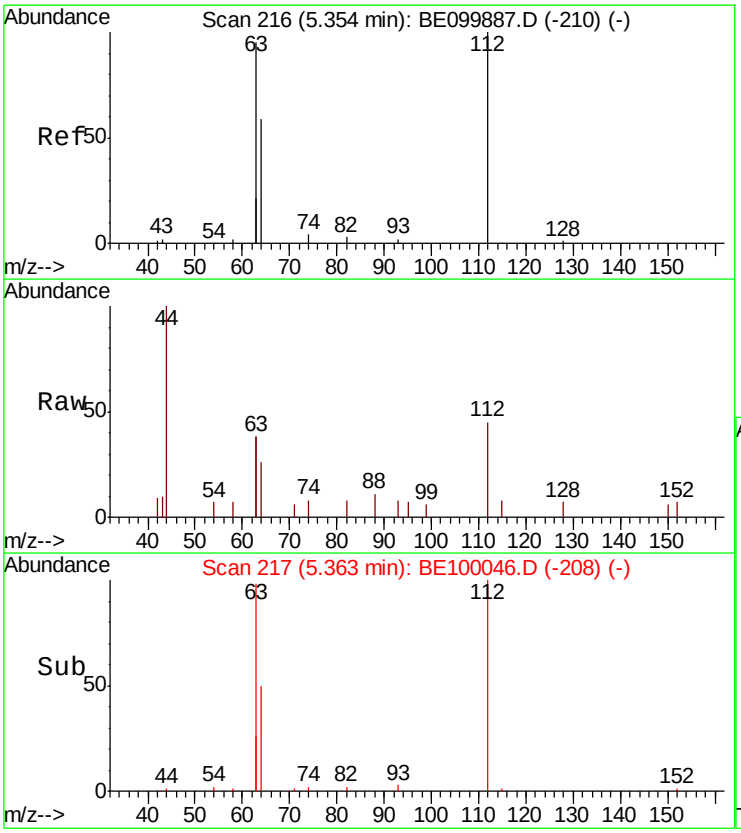
#3
n-Nitrosodimethylamine
Concen: 0.165 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 138

Ion	Ratio	Lower	Upper
42	100		
74	148.6	0.0	0.0#
44	75.4	0.0	0.0#

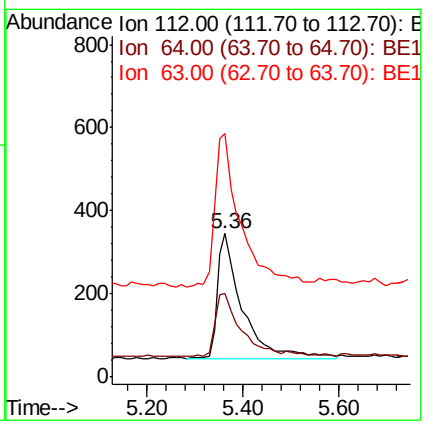


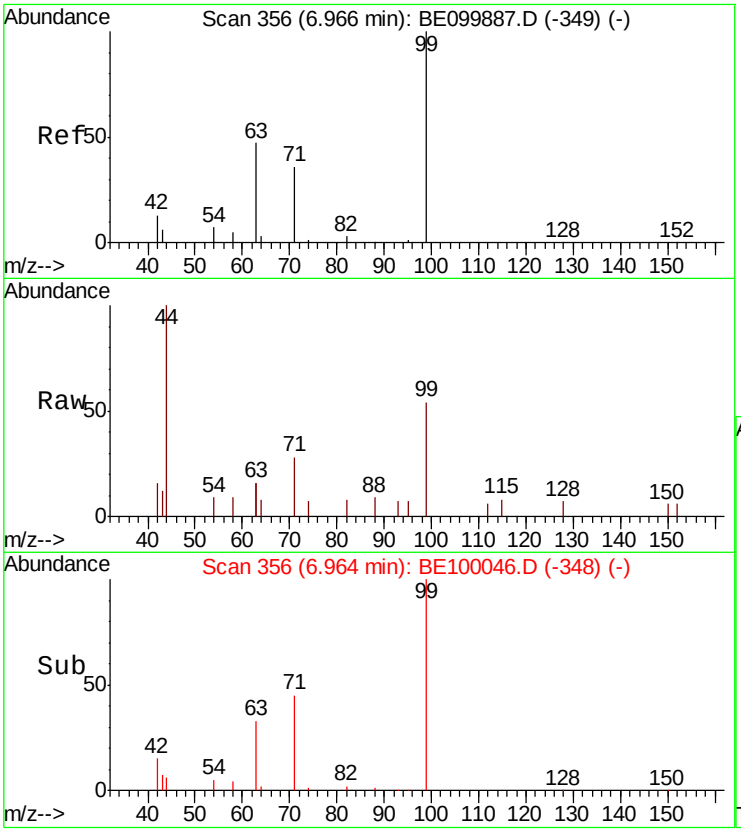


#4
2-Fluorophenol
Concen: 0.411 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:112 Resp: 1084

Ion	Ratio	Lower	Upper
112	100		
64	53.2	44.1	66.1
63	129.2	87.8	131.6



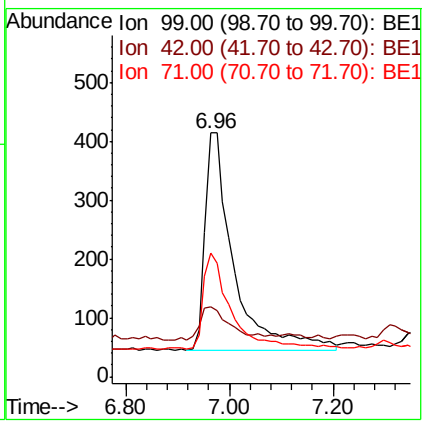


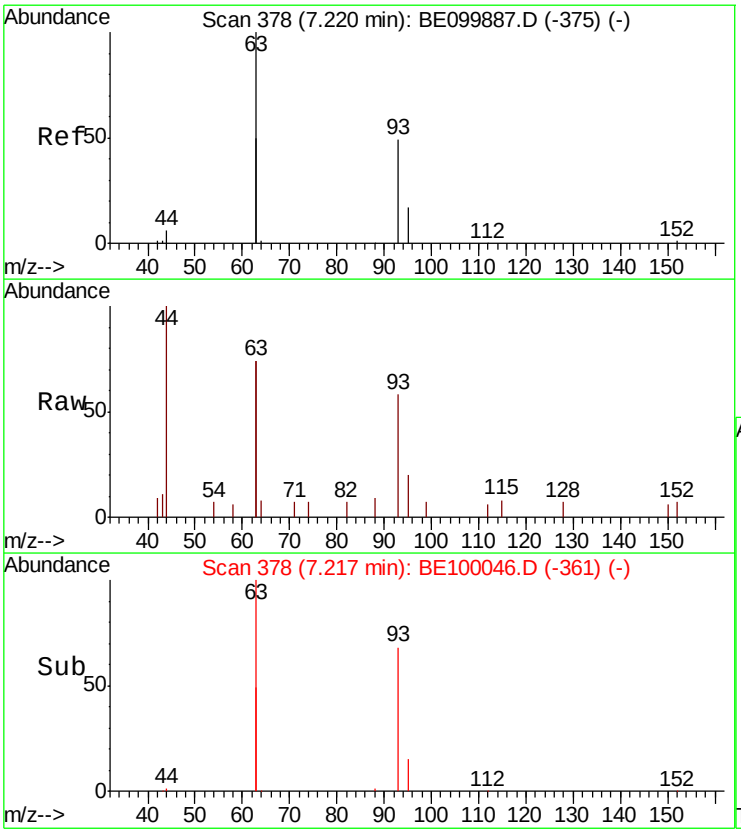
#5
Phenol-d6
Concen: 0.418 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1420

Ion	Ratio	Lower	Upper
99	100		
42	14.6	15.9	23.9#
71	43.1	34.6	52.0

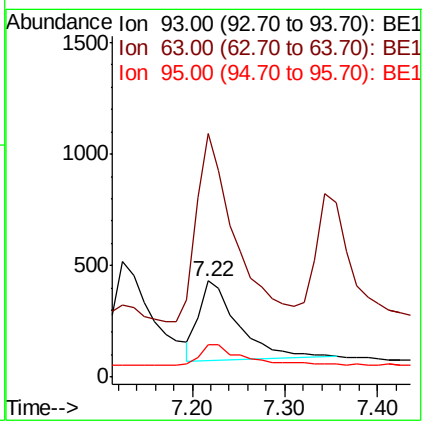


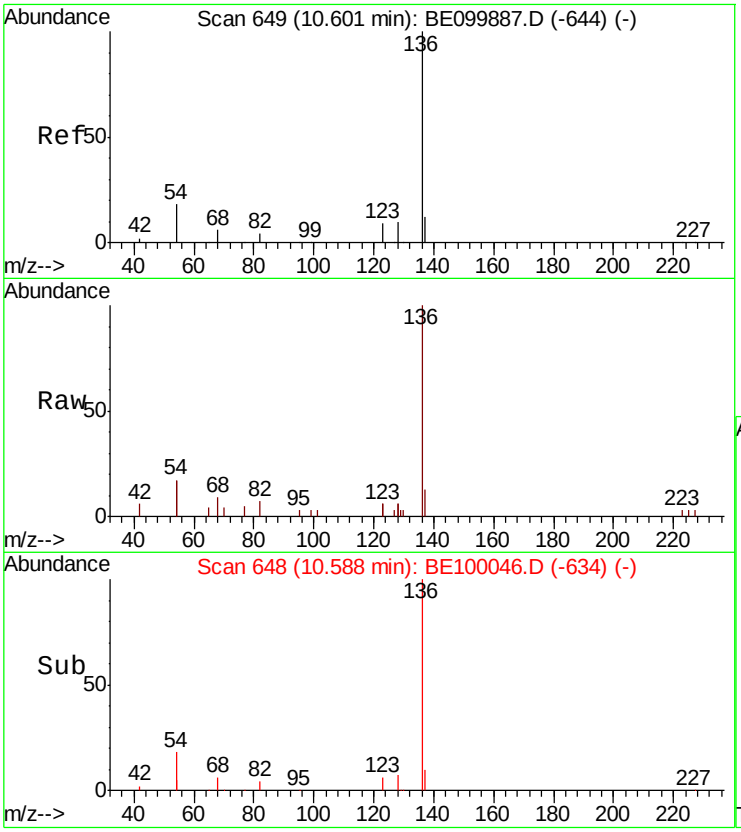


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion: 93 Resp: 1041

Ion	Ratio	Lower	Upper
93	100		
63	233.2	202.8	304.2
95	30.5	23.7	35.5



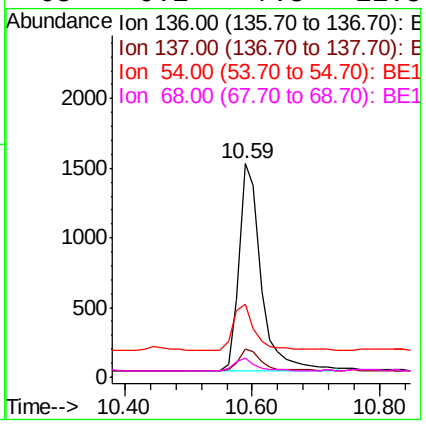


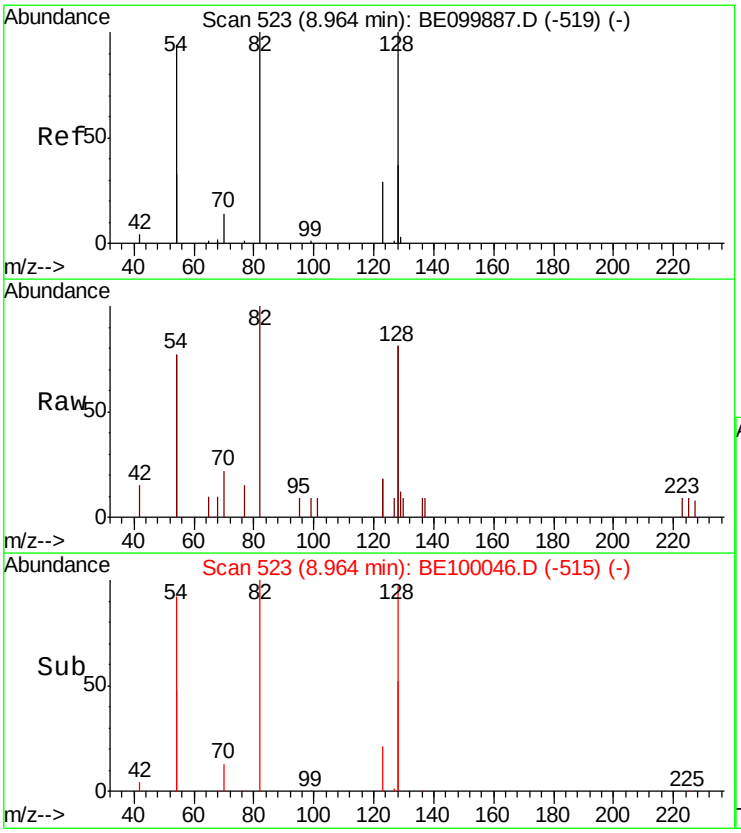
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3609

Ion	Ratio	Lower	Upper
136	100		
137	13.2	12.3	18.5
54	34.4	28.2	42.4
68	9.1	7.8	11.8

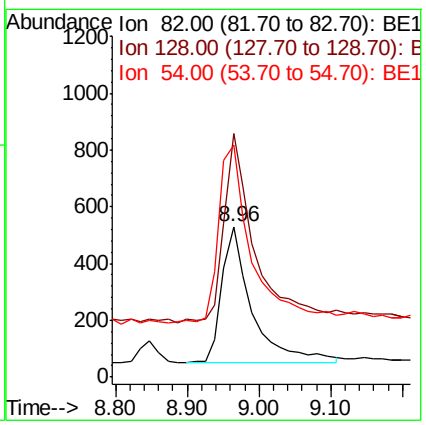


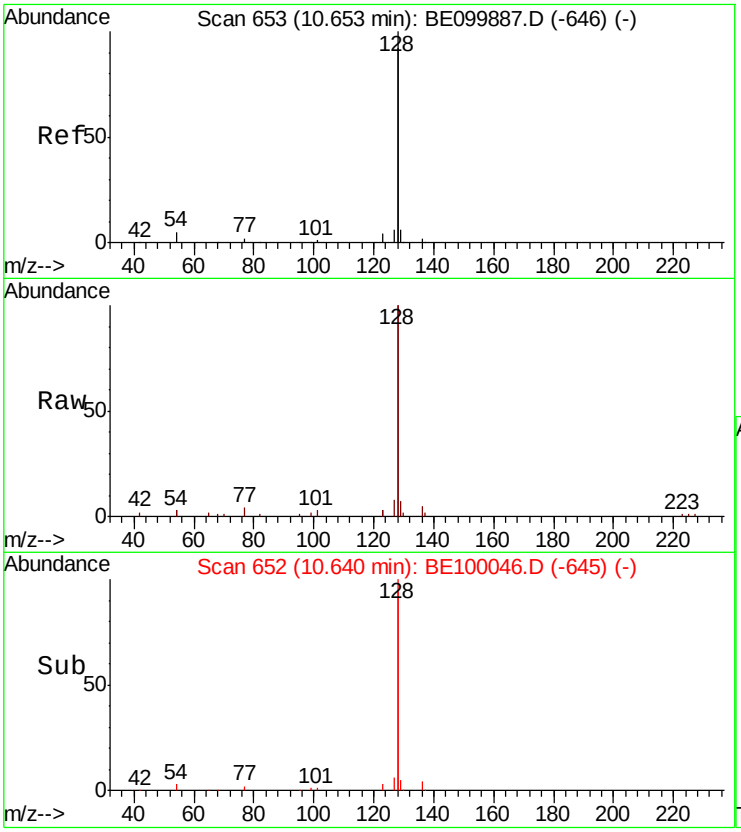


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion: 82 Resp: 1389

Ion	Ratio	Lower	Upper
82	100		
128	161.9	137.3	205.9
54	154.0	129.7	194.5



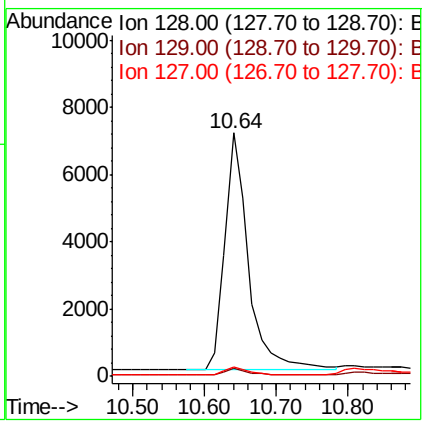


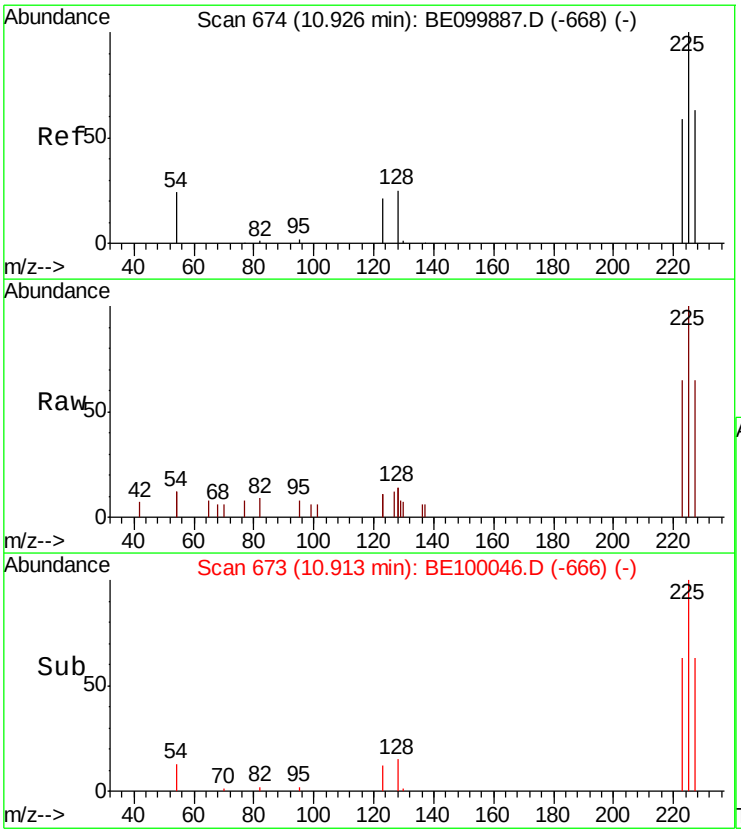
#9
Naphthalene
Concen: 0.413 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 16106

Ion	Ratio	Lower	Upper
128	100		
129	3.3	3.0	4.6
127	3.8	3.4	5.0

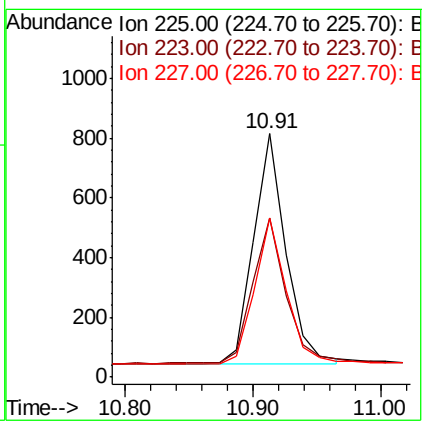


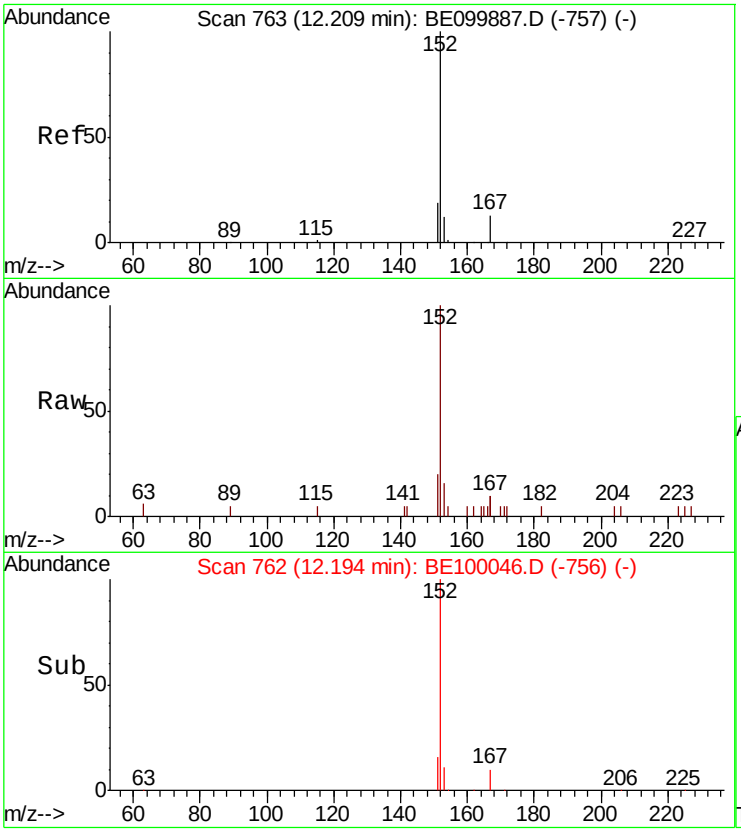


#10
Hexachlorobutadiene
Concen: 0.453 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:225 Resp: 1347

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.6	77.4
227	63.0	50.6	76.0



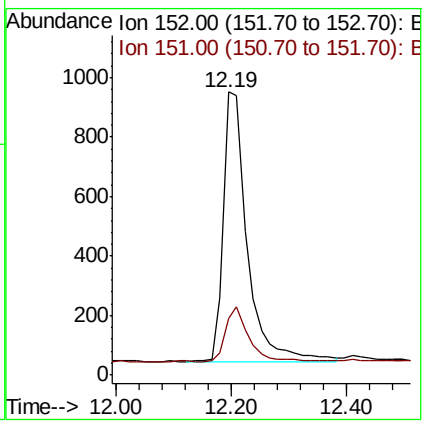


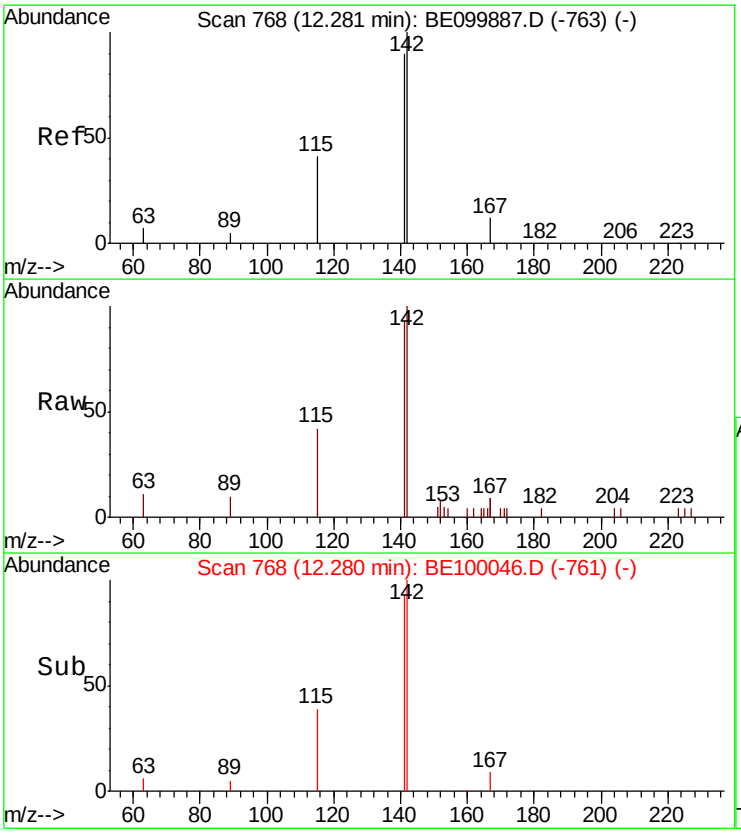
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2614

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.2	22.8

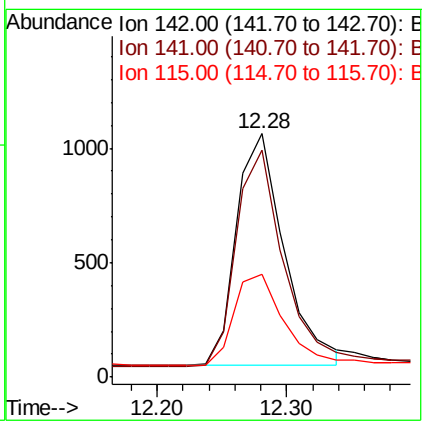


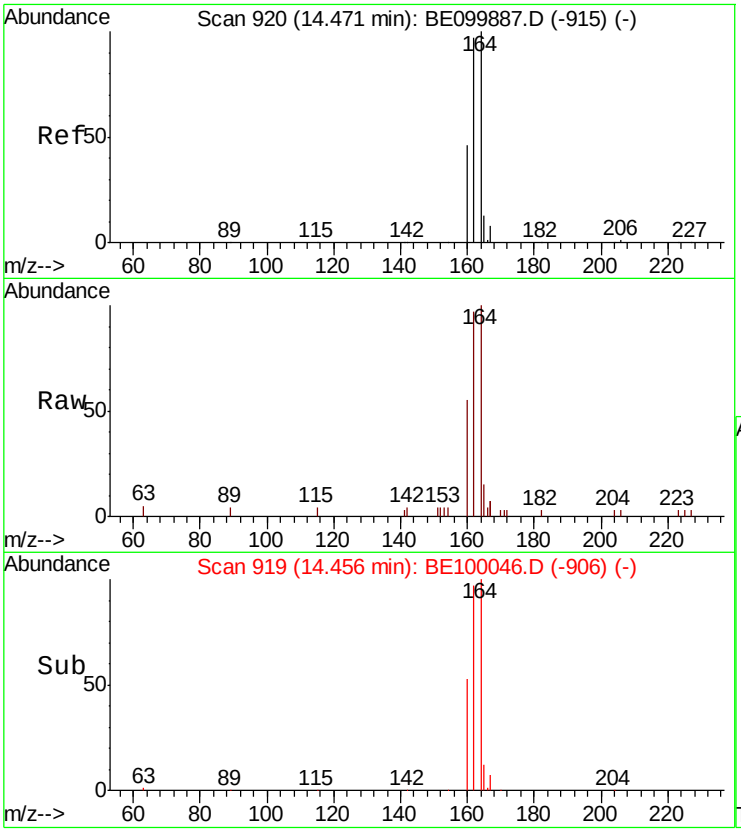


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:142 Resp: 2600

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.3	108.5
115	42.0	36.4	54.6



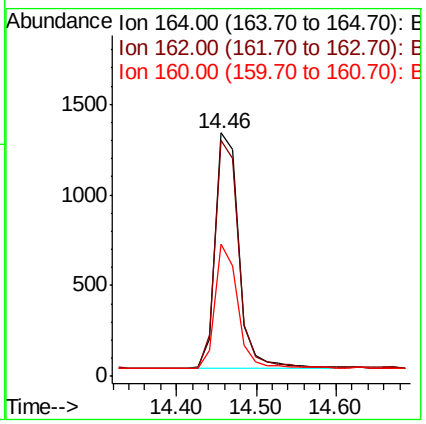


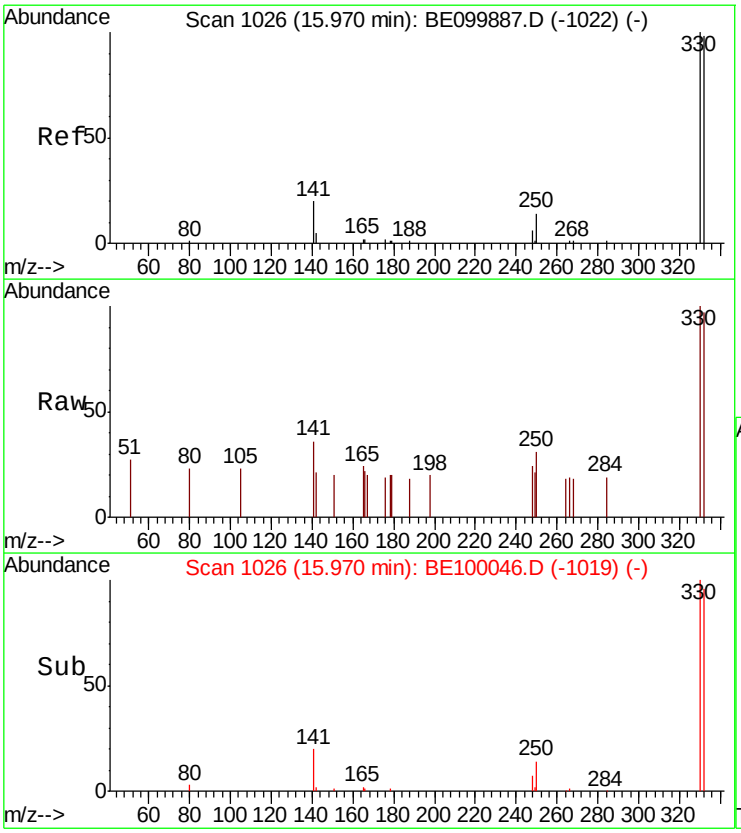
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2648

Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.8	116.8
160	54.5	38.2	57.4

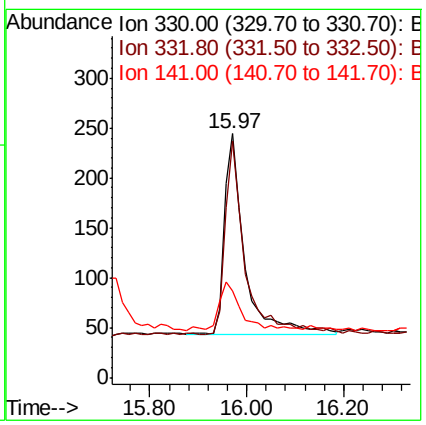


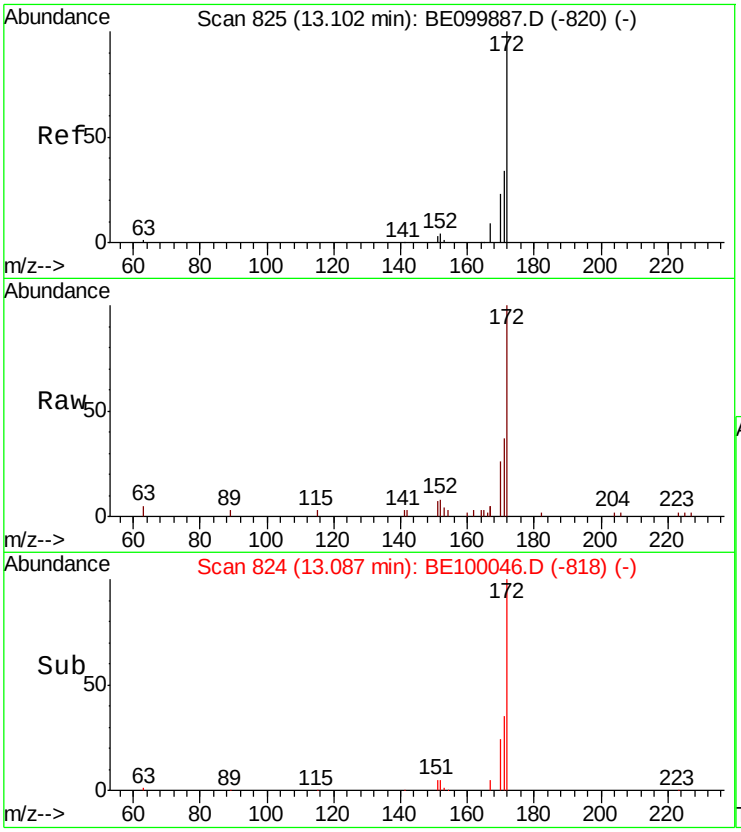


#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:330 Resp: 592

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	27.5	21.0	31.6



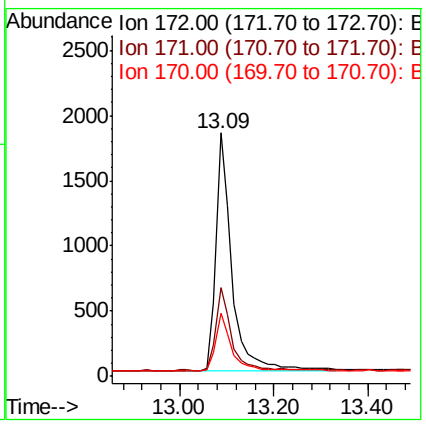


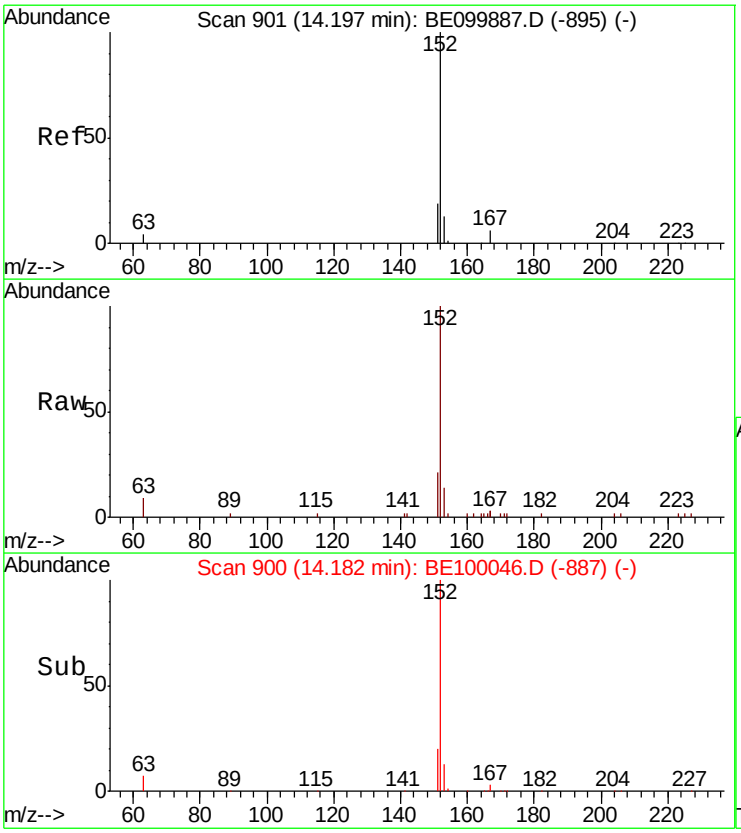
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4242

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	25.8	21.2	31.8

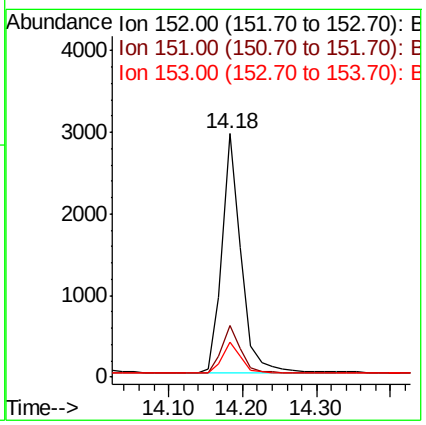


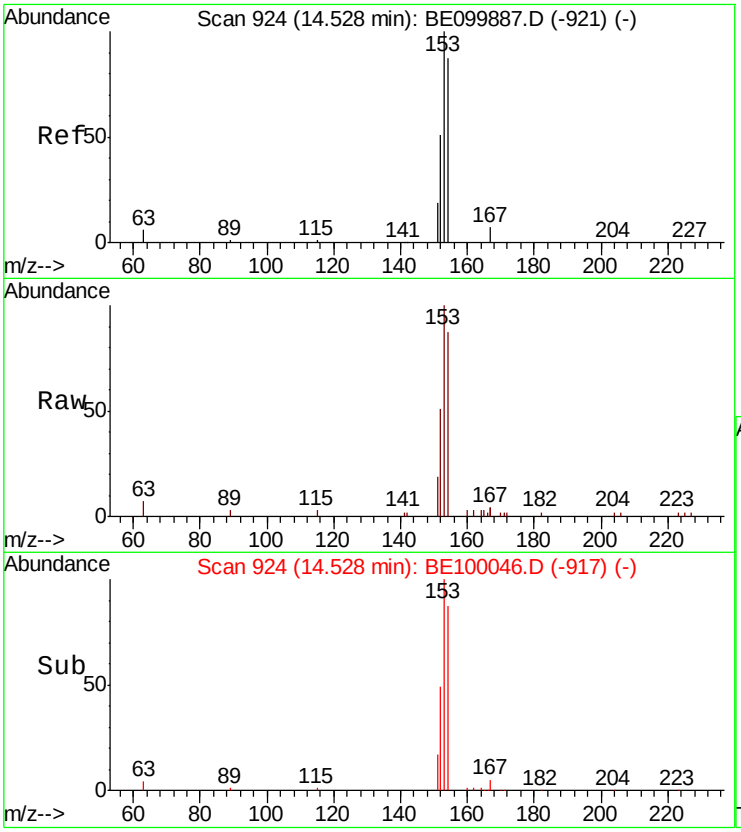


#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:152 Resp: 5327

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	12.8	10.2	15.2



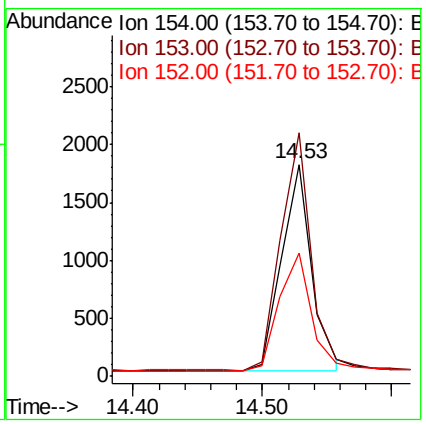


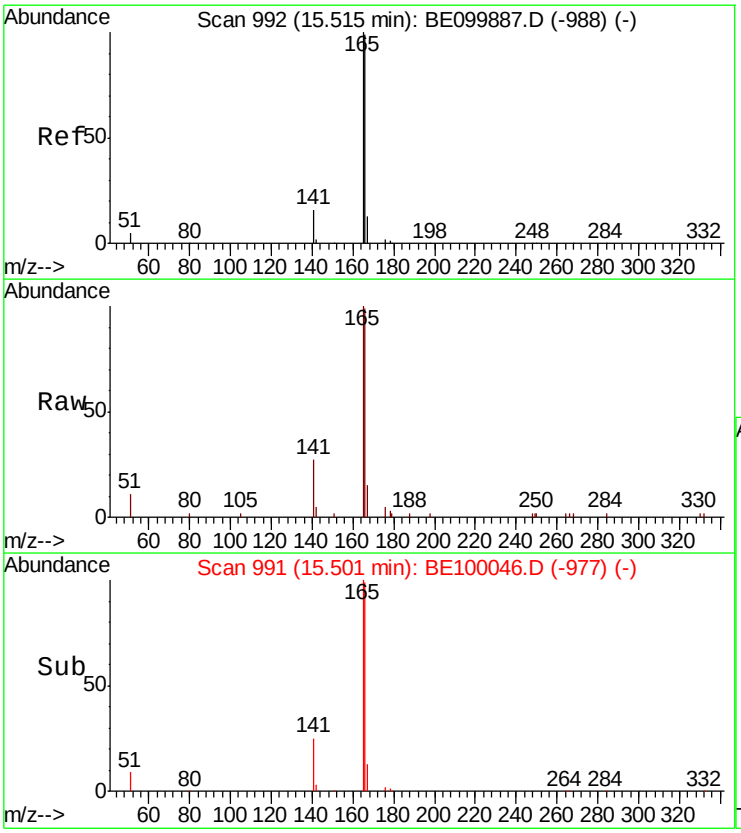
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2886

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.1	139.7
152	60.0	47.0	70.4

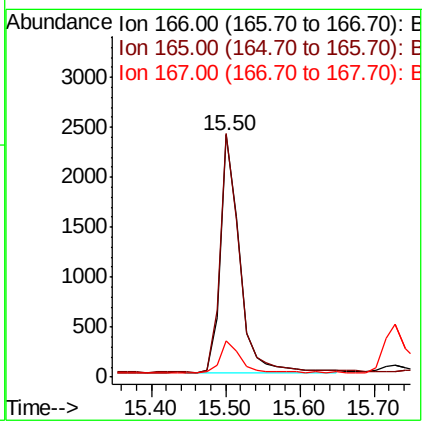


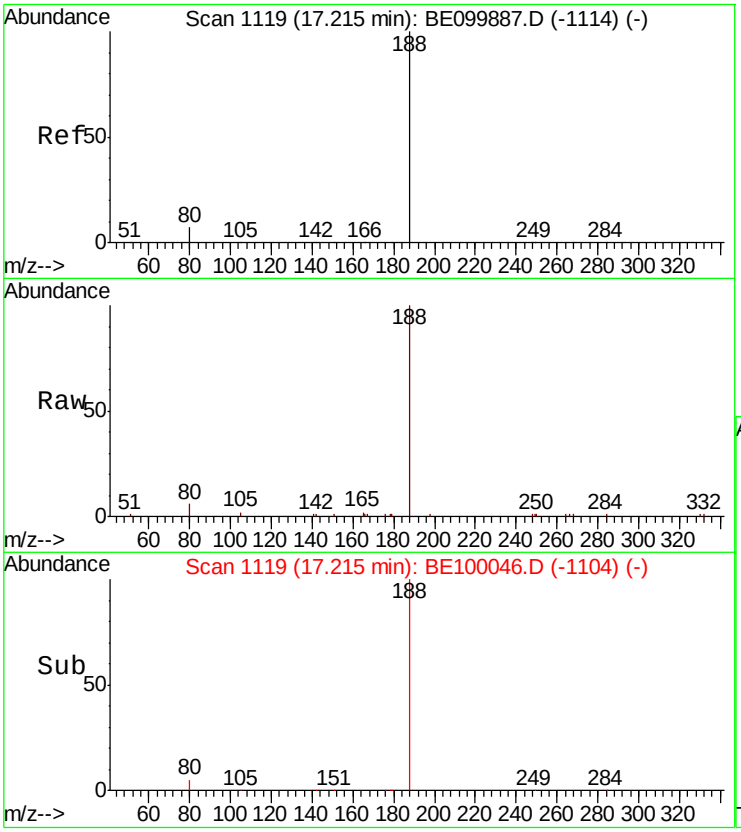


#18
Fluorene
Concen: 0.399 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:166 Resp: 4295

Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.8	122.8
167	13.2	11.2	16.8



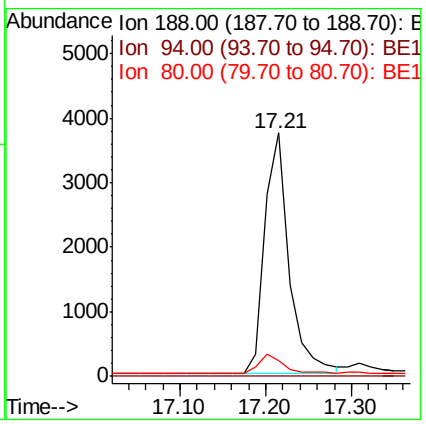


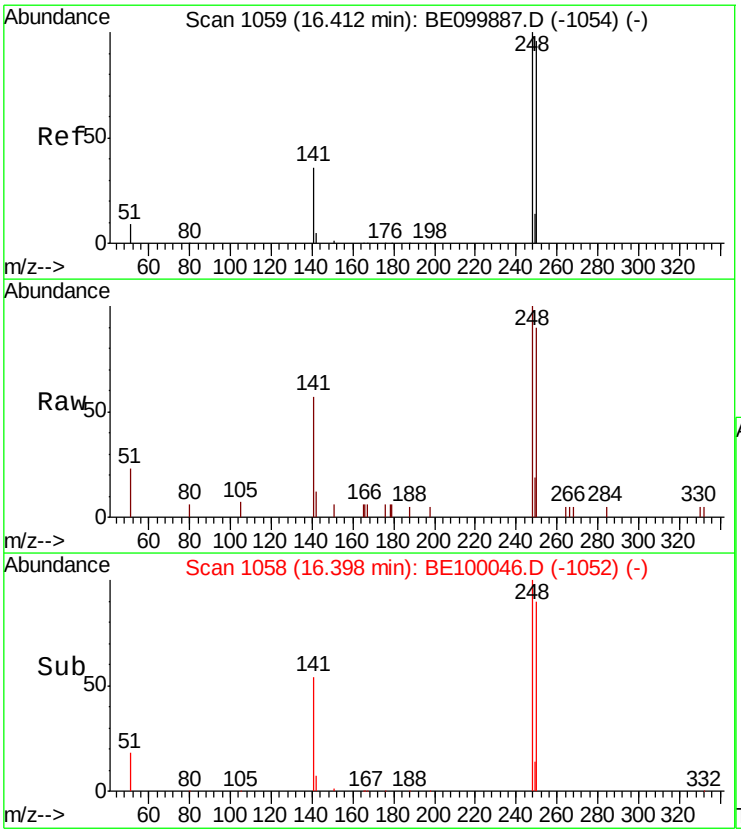
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7366

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	6.4	9.6#

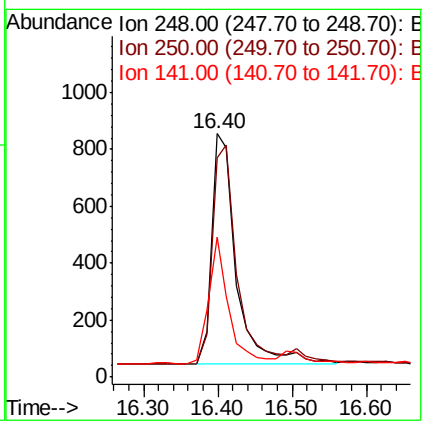


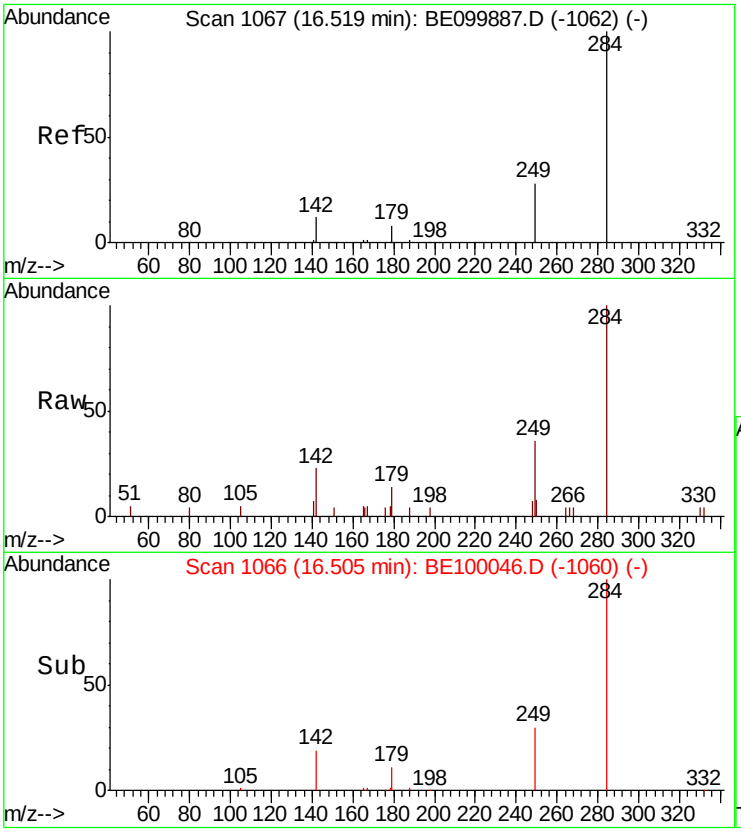


#20
4-Bromophenyl-phenylether
Concen: 0.454 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:248 Resp: 1895

Ion	Ratio	Lower	Upper
248	100		
250	90.2	77.5	116.3
141	57.2	31.8	47.8#



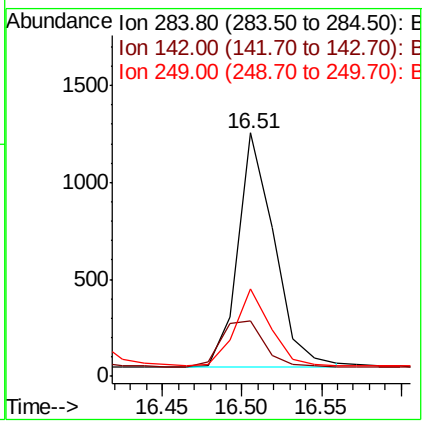


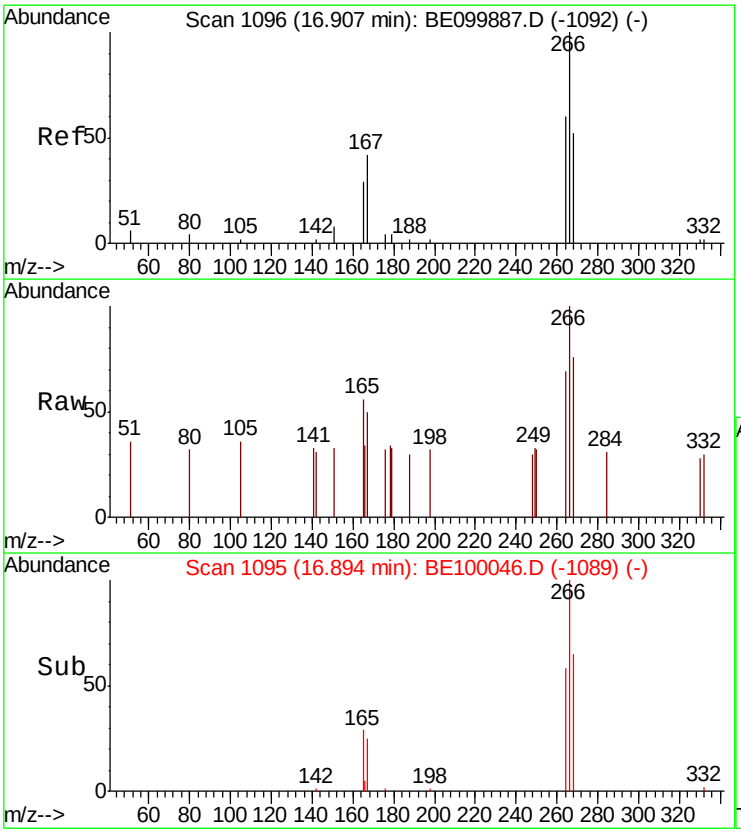
#21
Hexachlorobenzene
Concen: 0.456 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1946

Ion	Ratio	Lower	Upper
284	100		
142	23.4	18.2	27.4
249	32.0	24.6	37.0

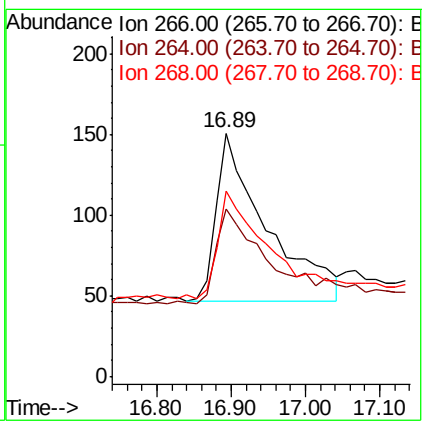


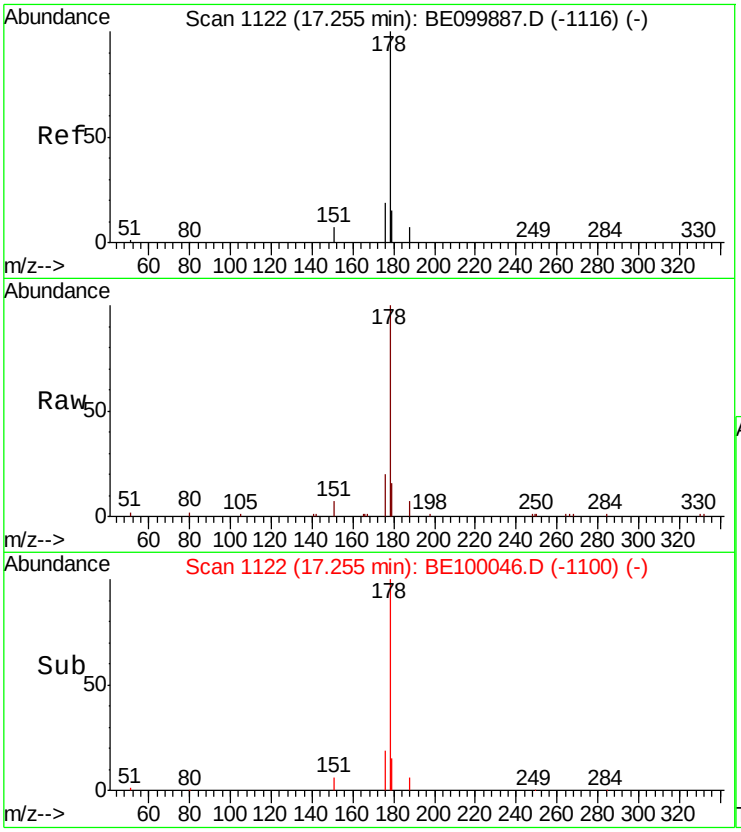


#22
Pentachlorophenol
Concen: 0.536 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:266 Resp: 484

Ion	Ratio	Lower	Upper
266	100		
264	68.9	62.2	93.2
268	76.2	65.5	98.3



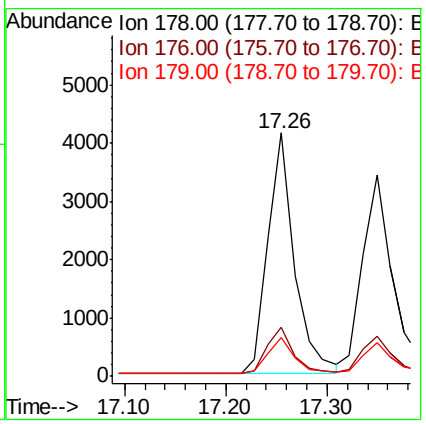


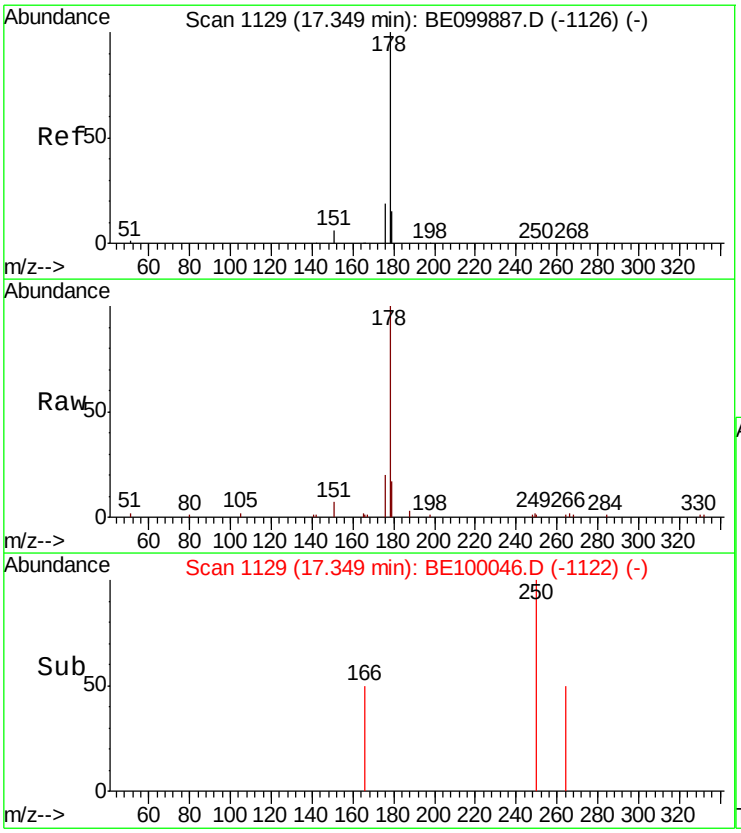
#23
Phenanthrene
Concen: 0.422 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7536

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	12.4	18.6

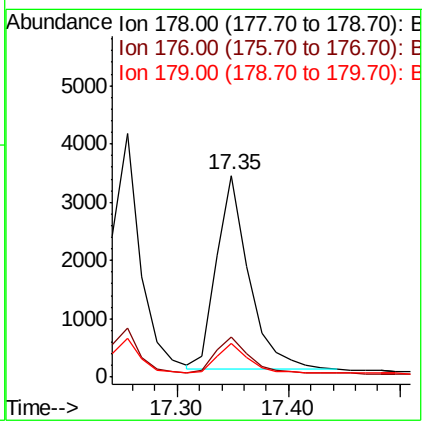


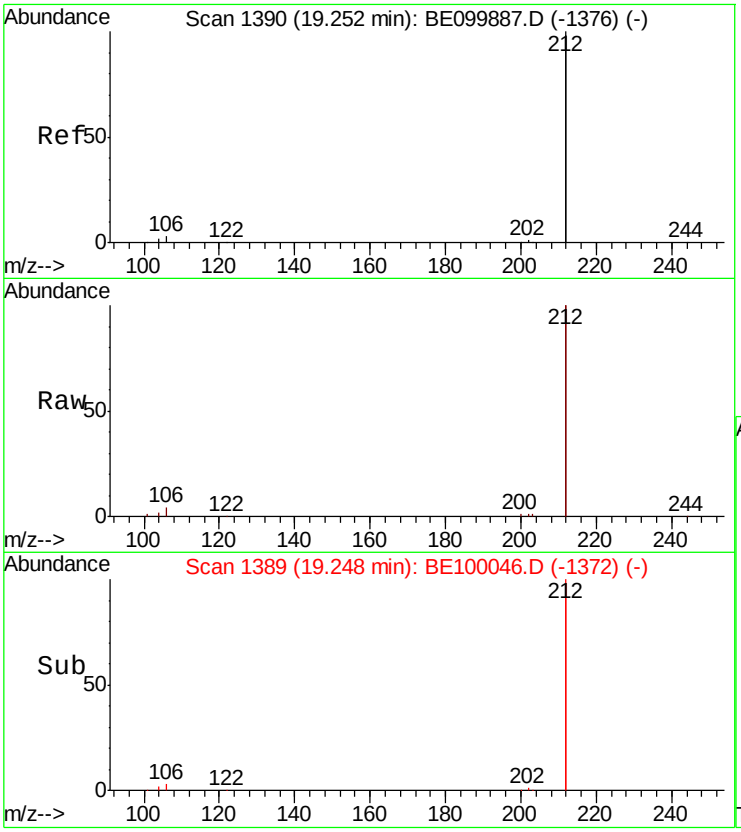


#24
Anthracene
Concen: 0.408 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:178 Resp: 6681

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.5	12.3	18.5



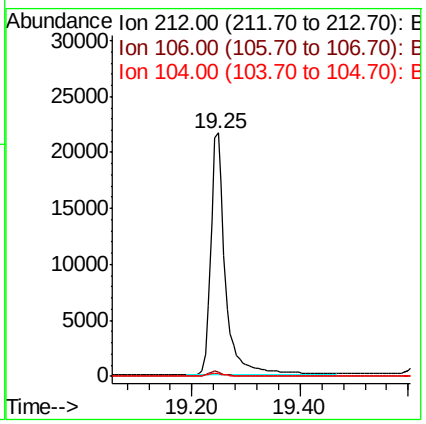


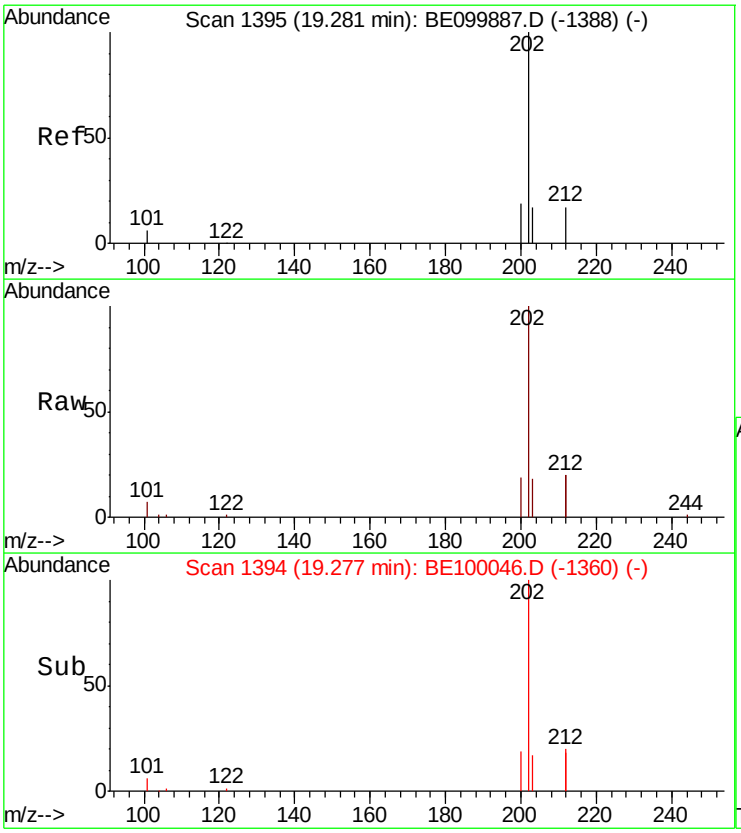
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 39982

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

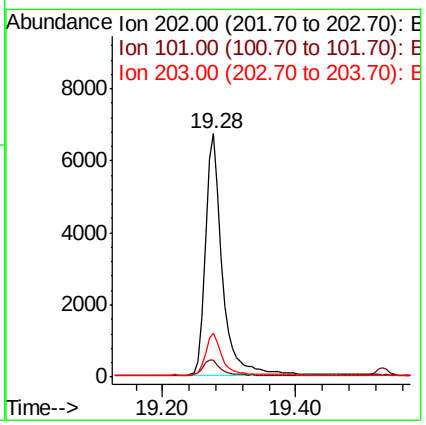


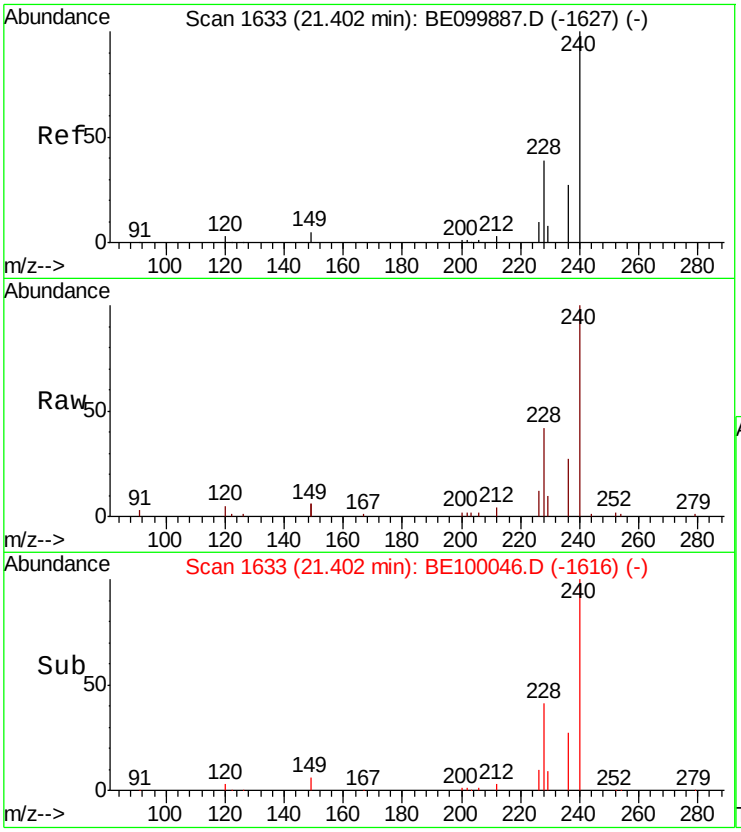


#26
Fluoranthene
Concen: 0.384 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:202 Resp: 11660

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.0
203	17.0	13.2	19.8



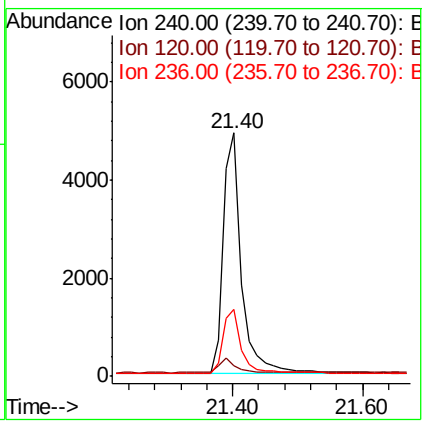


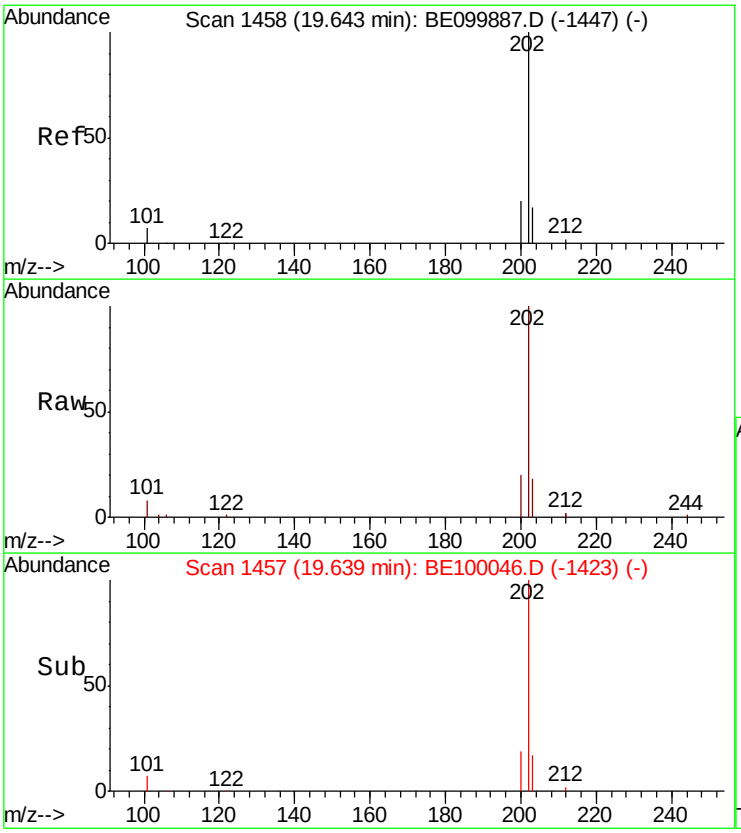
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 9796

Ion	Ratio	Lower	Upper
240	100		
120	4.6	3.8	5.6
236	27.5	22.0	33.0

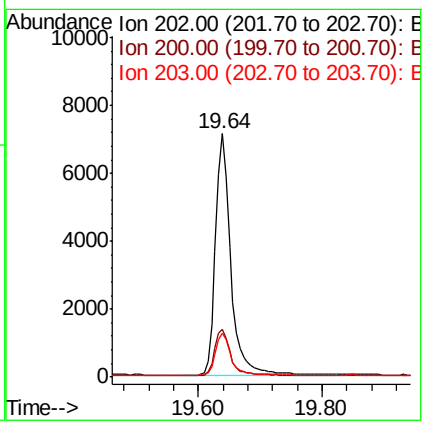


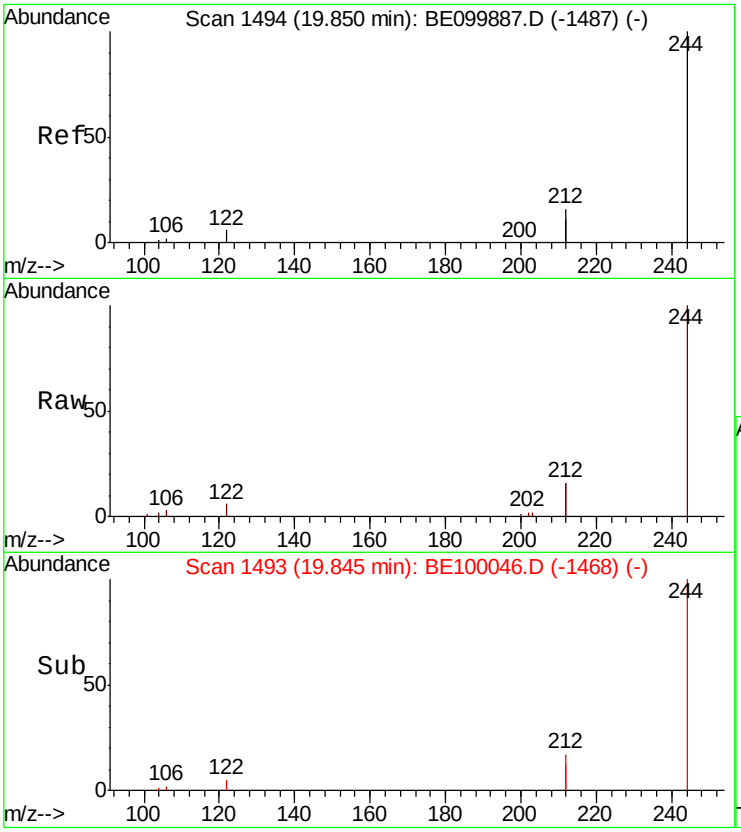


#28
Pyrene
Concen: 0.471 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:202 Resp: 12134

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.5	23.3
203	17.3	14.0	21.0



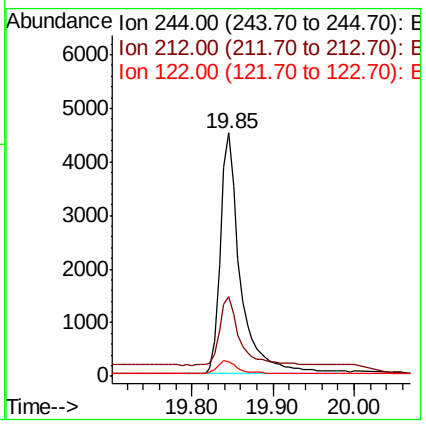


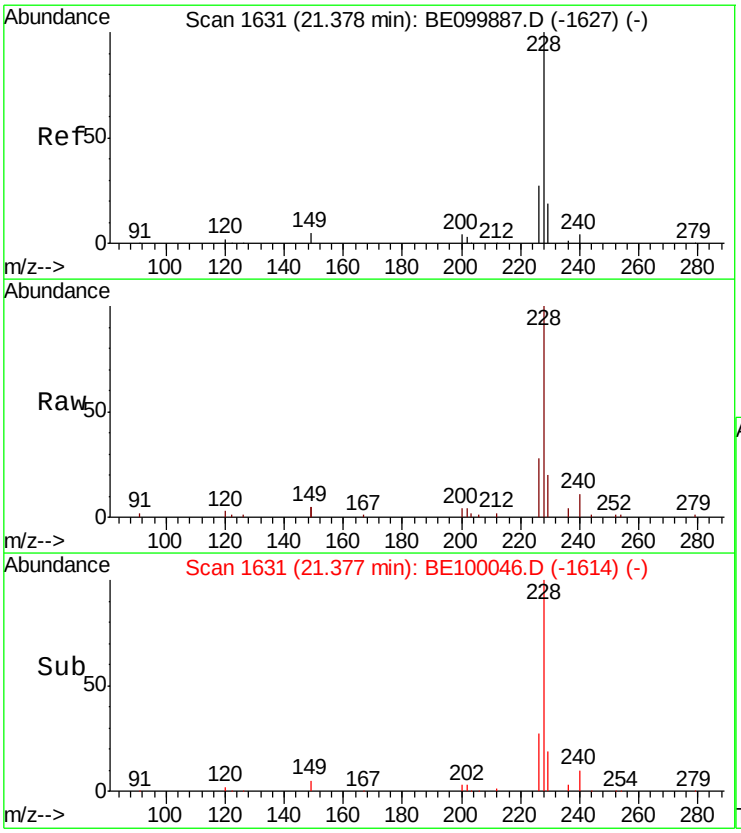
#29
Terphenyl-d14
Concen: 0.437 ng
RT: 19.85 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7712

Ion	Ratio	Lower	Upper
244	100		
212	32.8	25.7	38.5
122	6.2	5.5	8.3

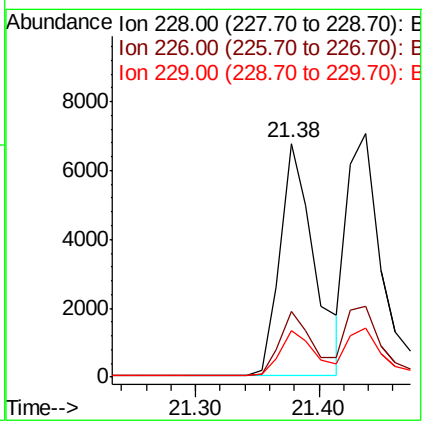


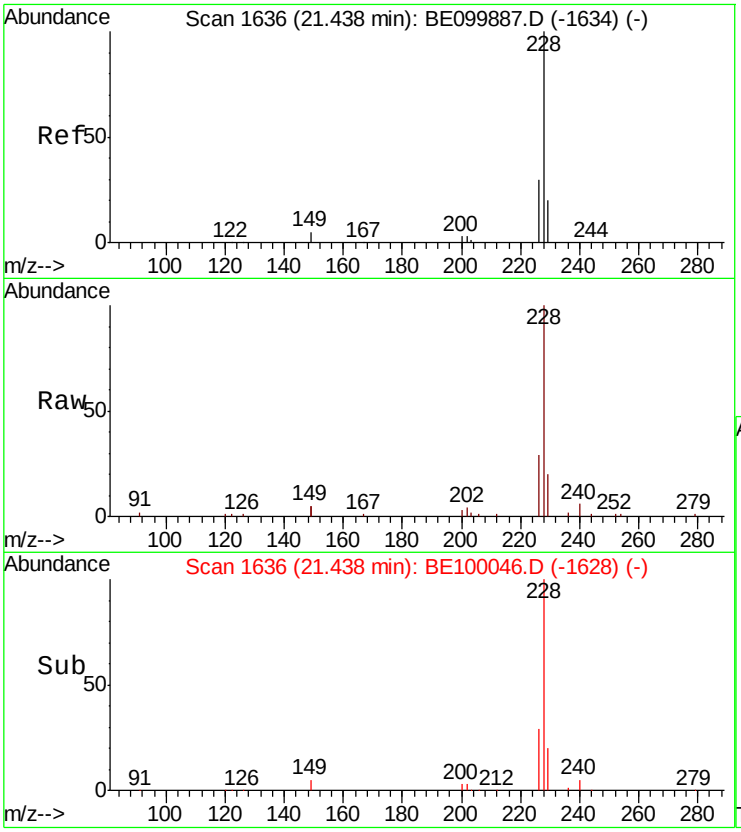


#30
Benzo(a)anthracene
Concen: 0.449 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:228 Resp: 13146

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.1	15.9	23.9



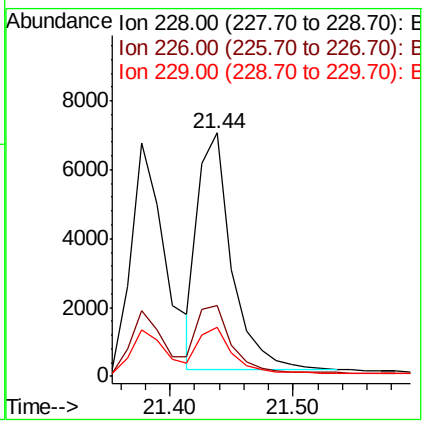


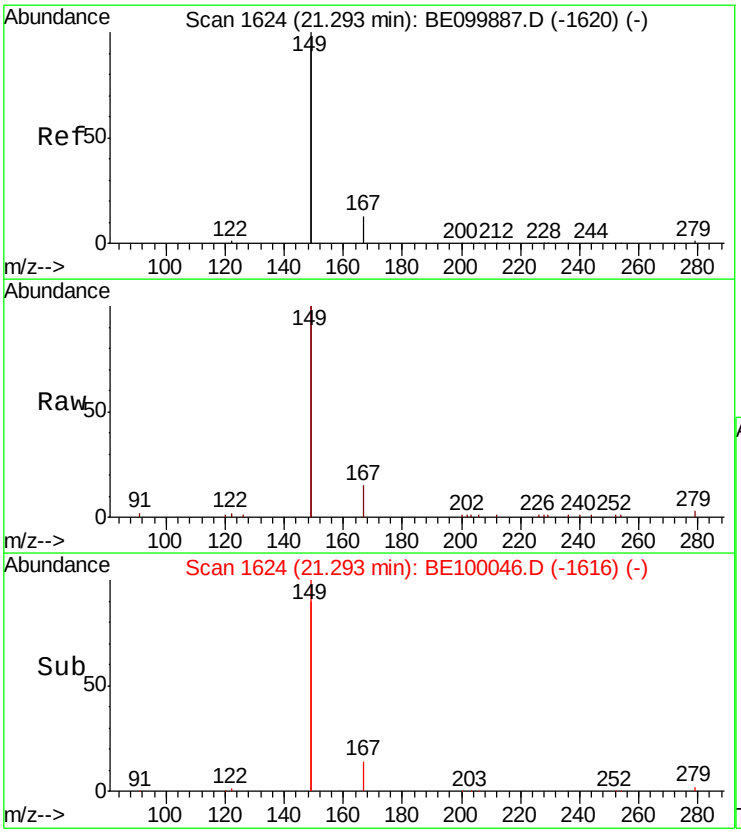
#31
Chrysene
Concen: 0.429 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 12989

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	20.3	16.1	24.1

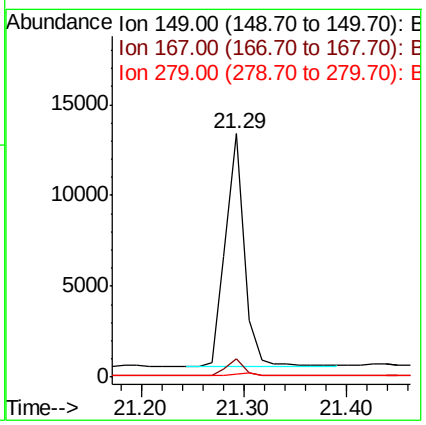


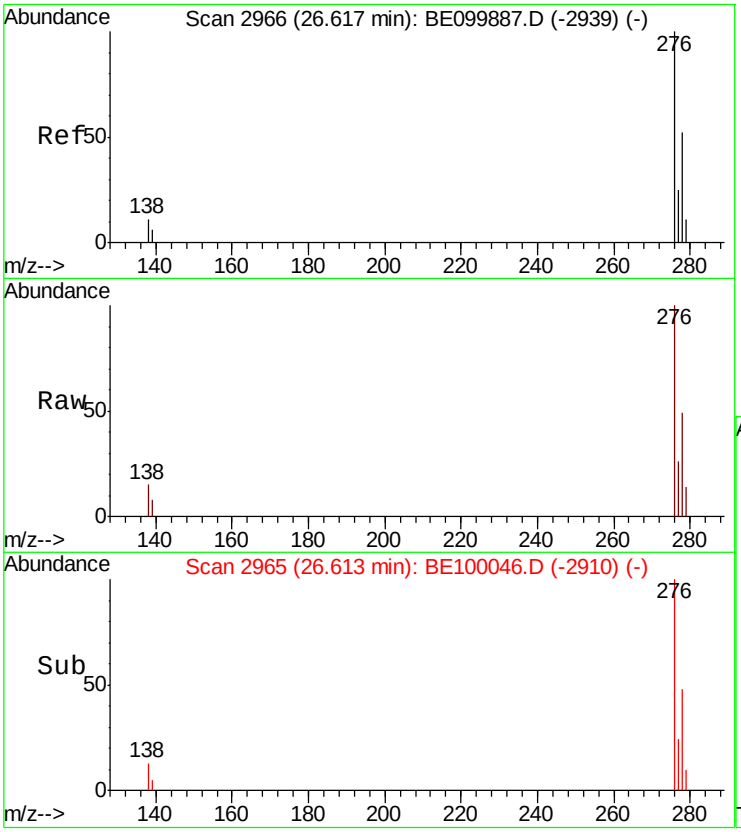


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:149 Resp: 16506

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.4	1.2	1.8



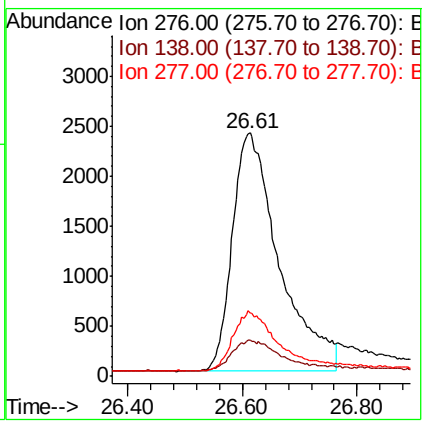


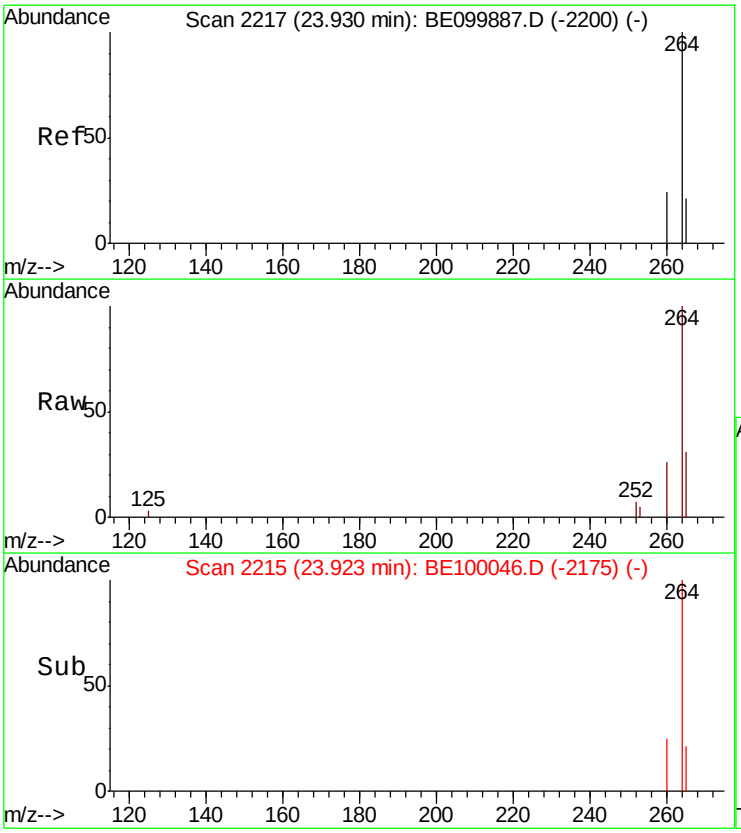
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 26.61 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13543

Ion	Ratio	Lower	Upper
276	100		
138	6.5	10.1	15.1#
277	24.5	19.1	28.7

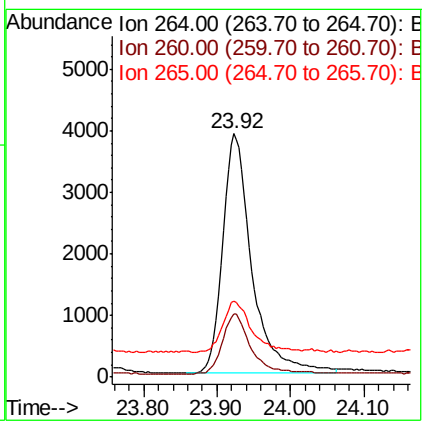


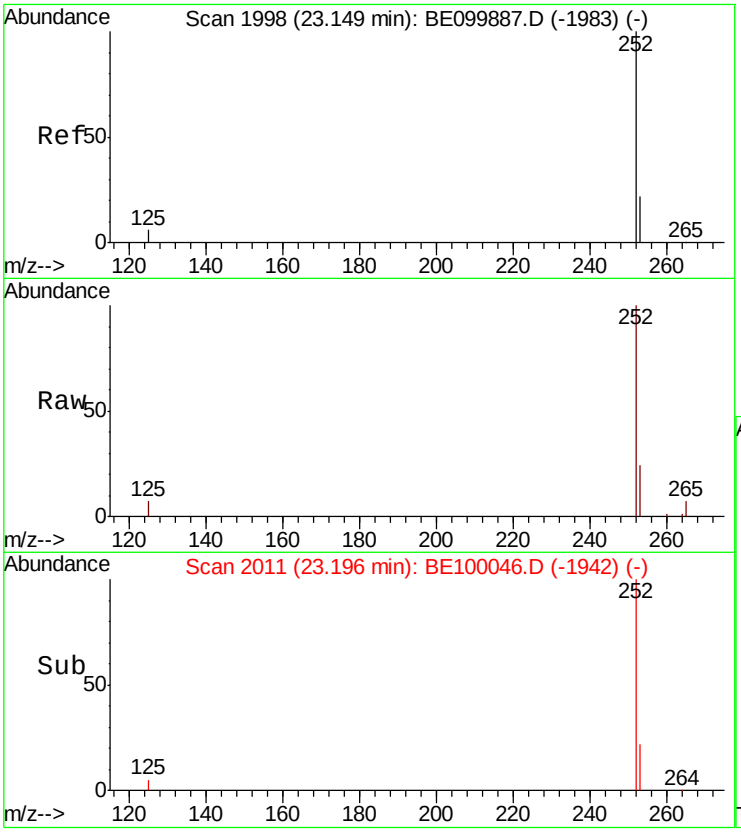


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:264 Resp: 10910

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.2
265	31.3	22.0	33.0



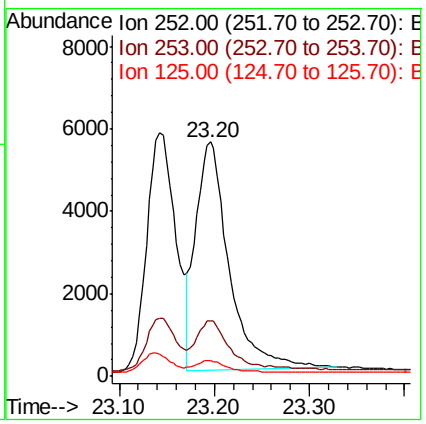


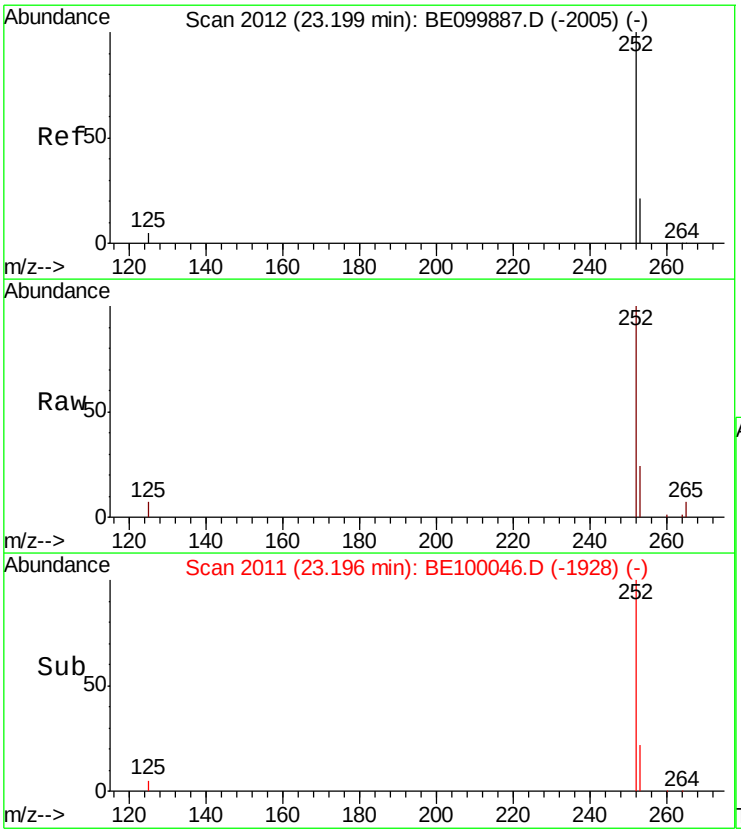
#35
Benzo(b)fluoranthene
Concen: 0.441 ng
RT: 23.20 min Scan# 2011
Delta R.T. 0.05 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13478

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	6.8	5.7	8.5

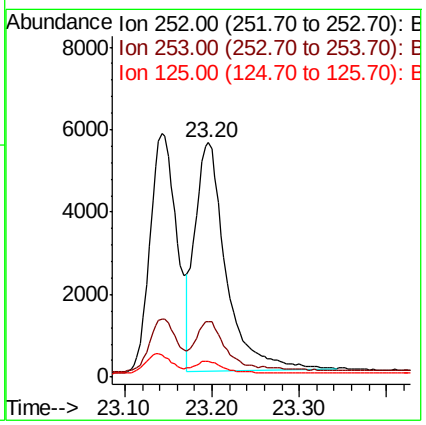


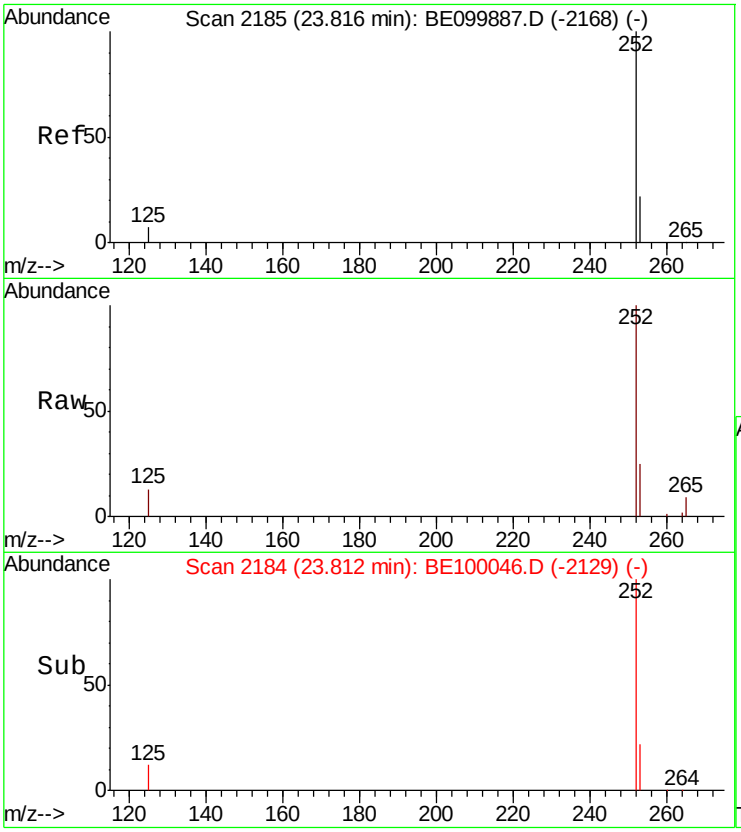


#36
Benzo(k)fluoranthene
Concen: 0.430 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:252 Resp: 13755

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	28.0
125	6.8	5.4	8.0



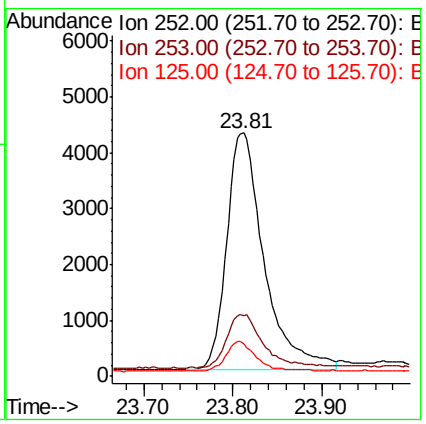


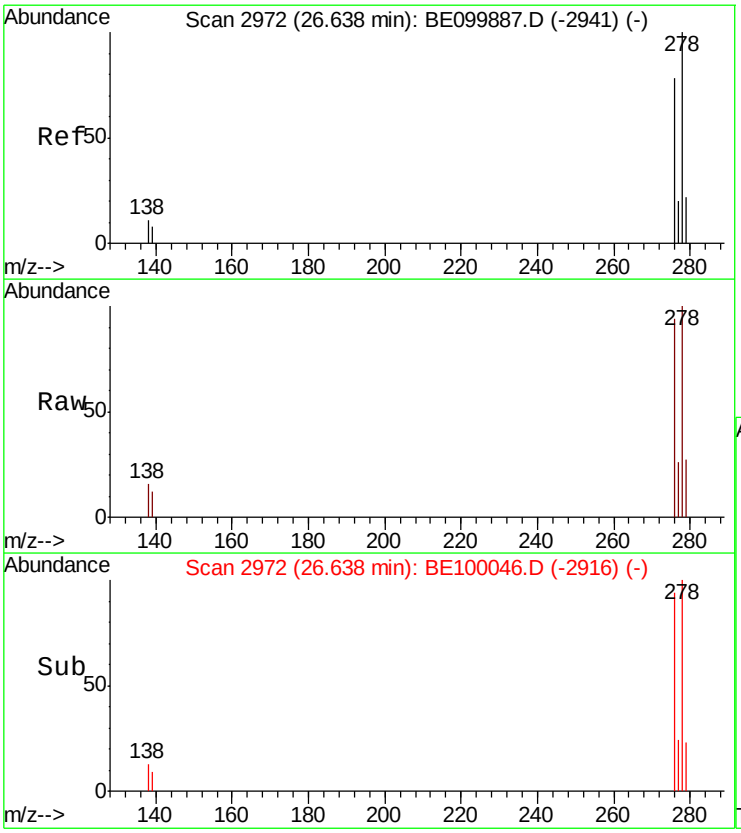
#37
Benzo(a)pyrene
Concen: 0.415 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12489

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.6	29.4
125	13.3	6.6	10.0#

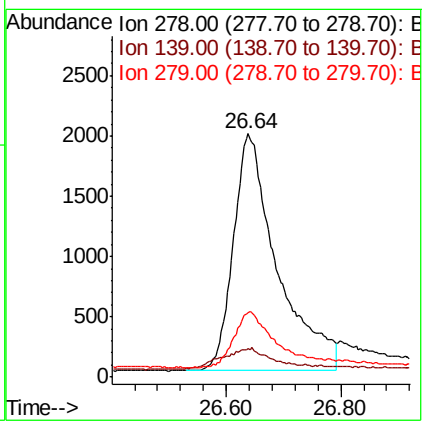


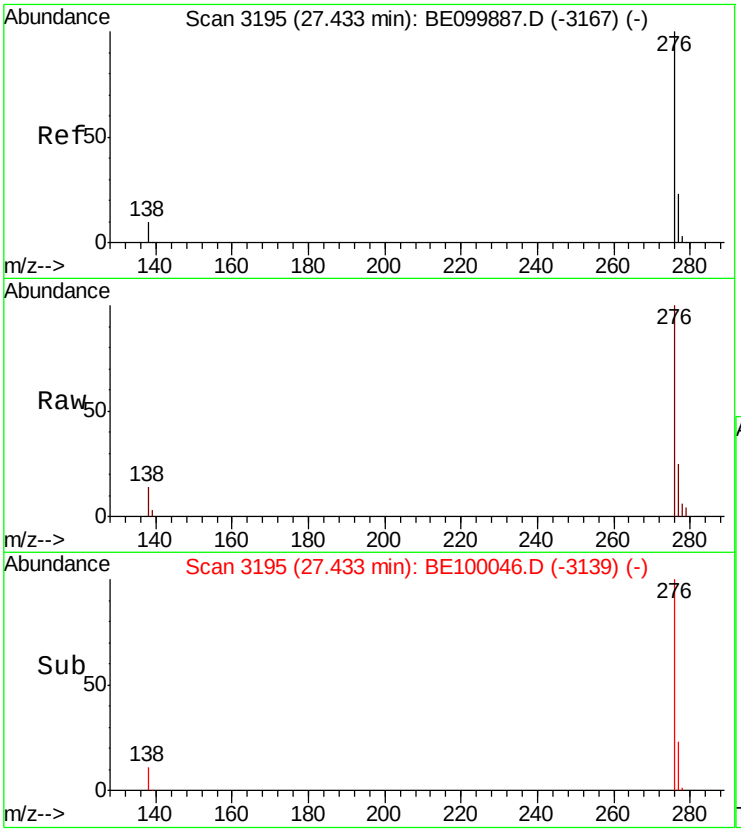


#38
Dibenzo(a,h)anthracene
Concen: 0.345 ng
RT: 26.64 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Tgt Ion:278 Resp: 10476

Ion	Ratio	Lower	Upper
278	100		
139	11.8	7.8	11.8#
279	26.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.373 ng
RT: 27.43 min Scan# 3195
Delta R.T. 0.00 min
Lab File: BE100046.D
Acq: 15 Jun 2019 6:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11675

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	13.5	9.5	14.3