Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100491.D
Acq On : 23 Jul 2019 8:28
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 24 02:04:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2536	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	10960	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	7266	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	19249	0.40	ng		0.00
27) Chrysene-d12	21.38	240	21944	0.40	ng		0.00
34) Perylene-d12	23.85	264	23481	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2405	0.39	ng		0.00
5) Phenol-d6	7.03	99	3473	0.39	ng		0.00
8) Nitrobenzene-d5	9.02	82	3381	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	7040	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1119	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	11310	0.38	ng		0.00
25) Fluoranthene-d10	19.24	212	97750	0.37	ng		0.00
29) Terphenyl-d14	19.83	244	20621	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	1396	0.322	ng		97
3) n-Nitrosodimethylamine	3.68	42	646	0.278	ng	#	69
6) bis(2-Chloroethyl)ether	7.30	93	3089	0.407	ng		92
9) Naphthalene	10.71	128	40916	0.389	ng		100
10) Hexachlorobutadiene	11.00	225	1980	0.393	ng		98
12) 2-Methylnaphthalene	12.32	142	7242	0.383	ng		98
16) Acenaphthylene	14.21	152	12418	0.370	ng		99
17) Acenaphthene	14.56	154	7623	0.377	ng		100
18) Fluorene	15.53	166	10369	0.384	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	3589	0.392	ng	#	77
21) Hexachlorobenzene	16.53	284	3676	0.390	ng		99
22) Pentachlorophenol	16.88	266	1197	0.391	ng		98
23) Phenanthrene	17.26	178	18310	0.388	ng		99
24) Anthracene	17.35	178	16579	0.369	ng		99
26) Fluoranthene	19.27	202	25680	0.378	ng		100
28) Pyrene	19.63	202	26510	0.388	ng		100
30) Benzo(a)anthracene	21.35	228	26030	0.389	ng		96
31) Chrysene	21.41	228	25420	0.384	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	55310	0.360	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	28008	0.388	ng		99
35) Benzo(b)fluoranthene	23.14	252	26136	0.406	ng		98
36) Benzo(k)fluoranthene	23.14	252	26824	0.398	ng		96
37) Benzo(a)pyrene	23.75	252	23950	0.383	ng	#	94
38) Dibenzo(a,h)anthracene	26.50	278	22576	0.382	ng		95
39) Benzo(g,h,i)perylene	27.27	276	23359	0.387	ng		98

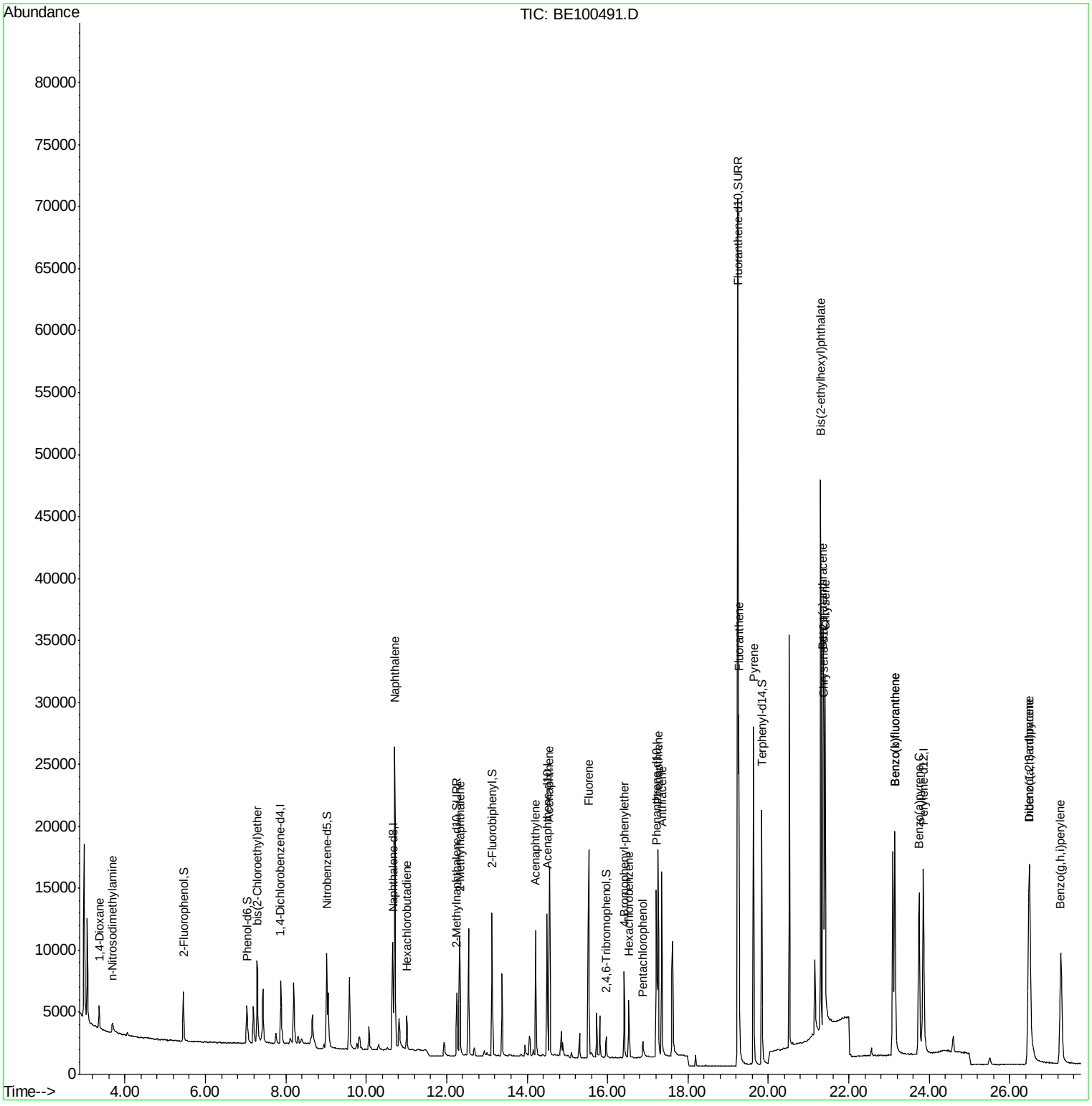
(#) = qualifier out of range (m) = manual integration (+) = signals summed

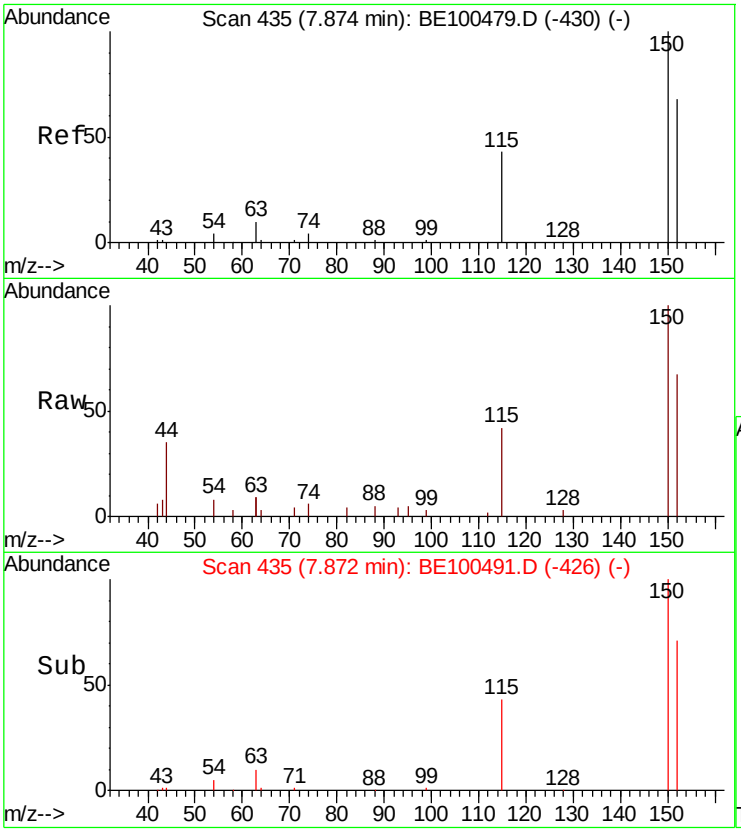
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100491.D
Acq On : 23 Jul 2019 8:28
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 24 02:04:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration



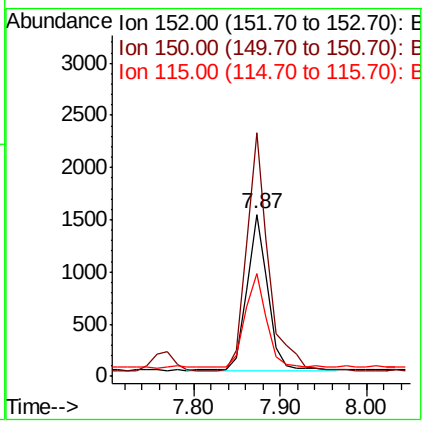


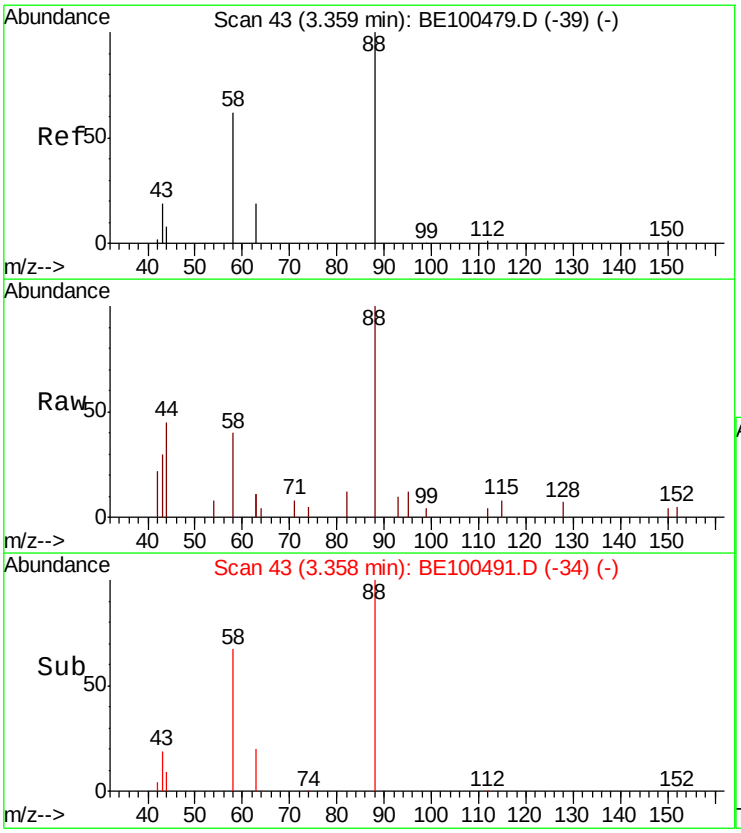
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2536

Ion	Ratio	Lower	Upper
152	100		
150	150.2	115.0	172.6
115	63.3	52.9	79.3

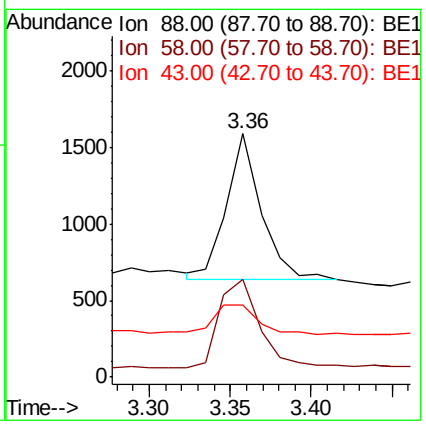


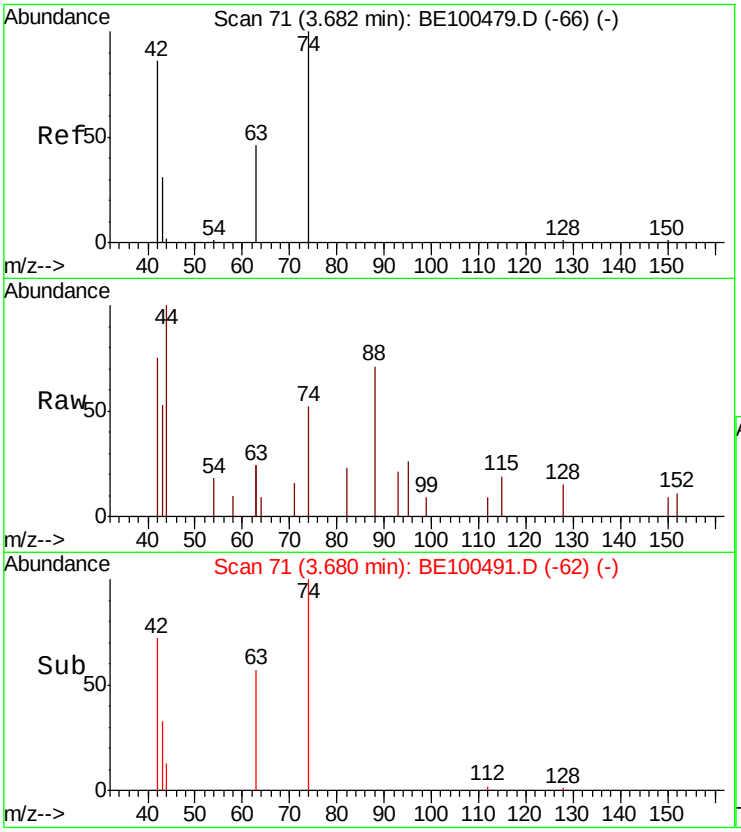


#2
1,4-Dioxane
Concen: 0.322 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion: 88 Resp: 1396

Ion	Ratio	Lower	Upper
88	100		
58	69.9	53.2	79.8
43	26.6	20.8	31.2



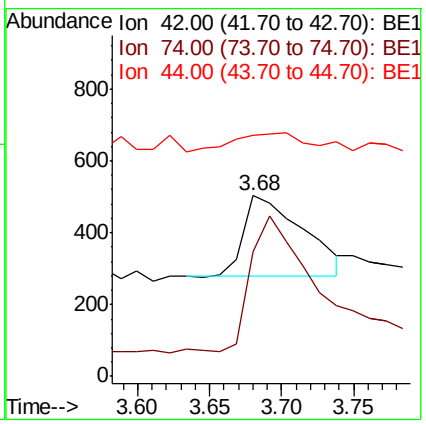


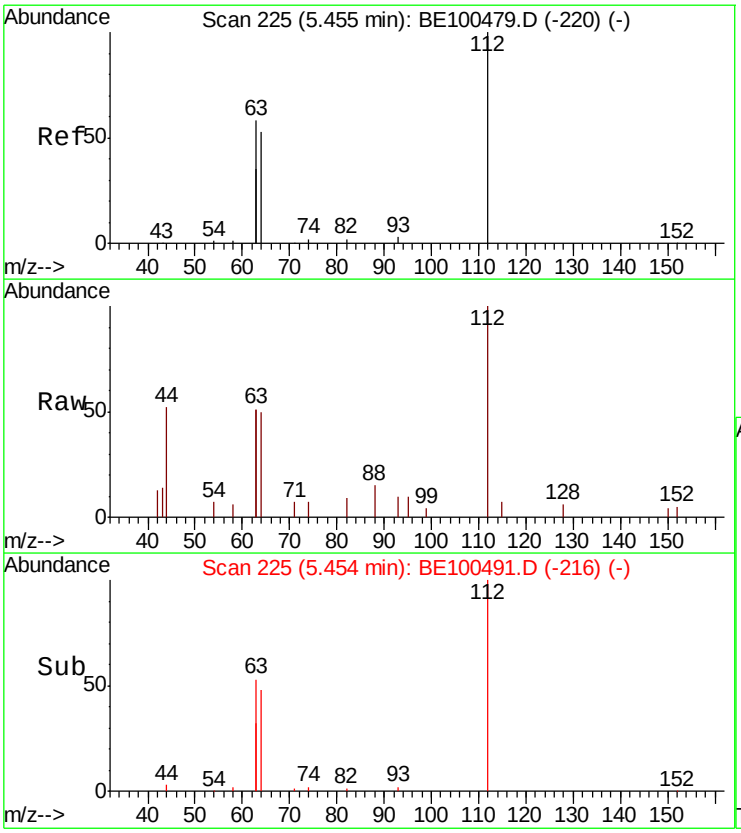
#3
n-Nitrosodimethylamine
Concen: 0.278 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 646

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	9.6	14.4#

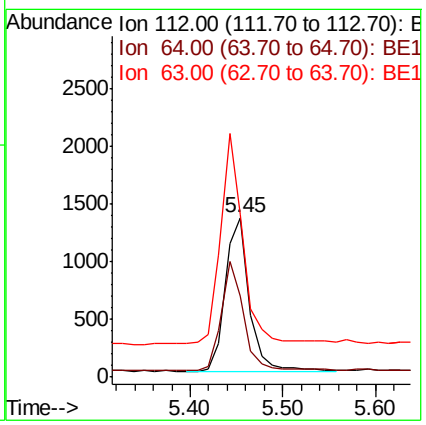


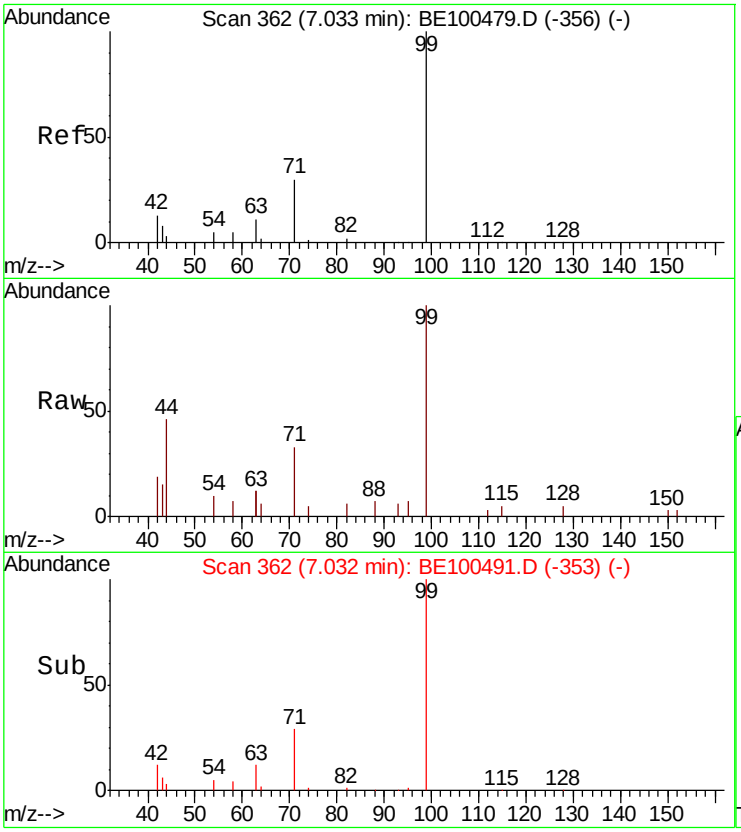


#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:112 Resp: 2405

Ion	Ratio	Lower	Upper
112	100		
64	65.2	54.1	81.1
63	127.6	104.6	157.0



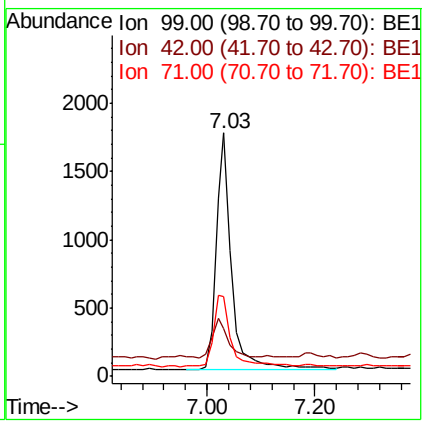


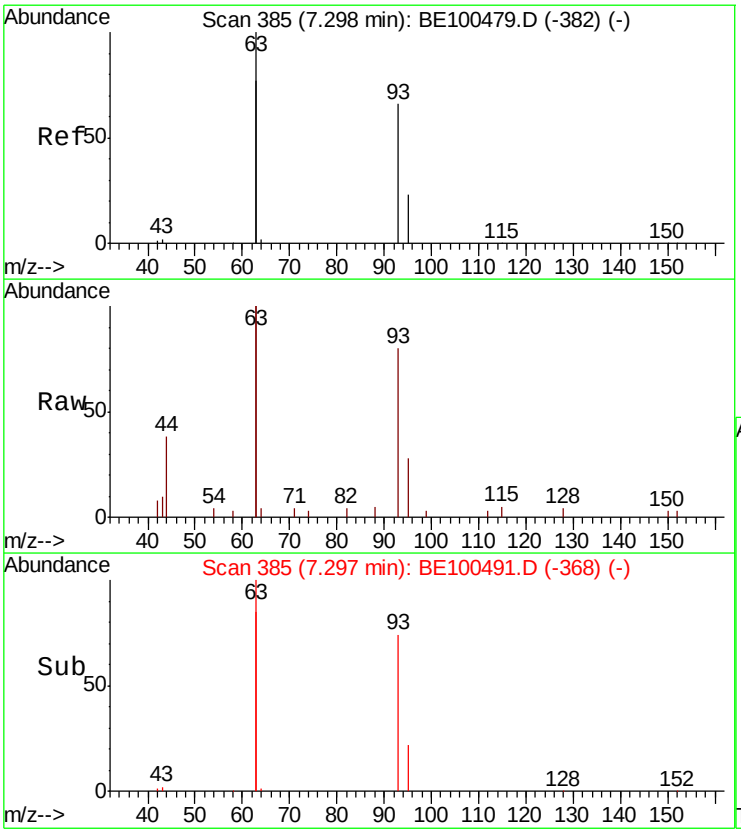
#5
Phenol-d6
Concen: 0.393 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3473

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.5	21.7
71	34.5	26.4	39.6

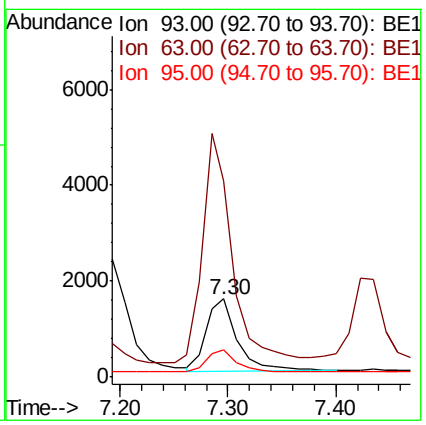


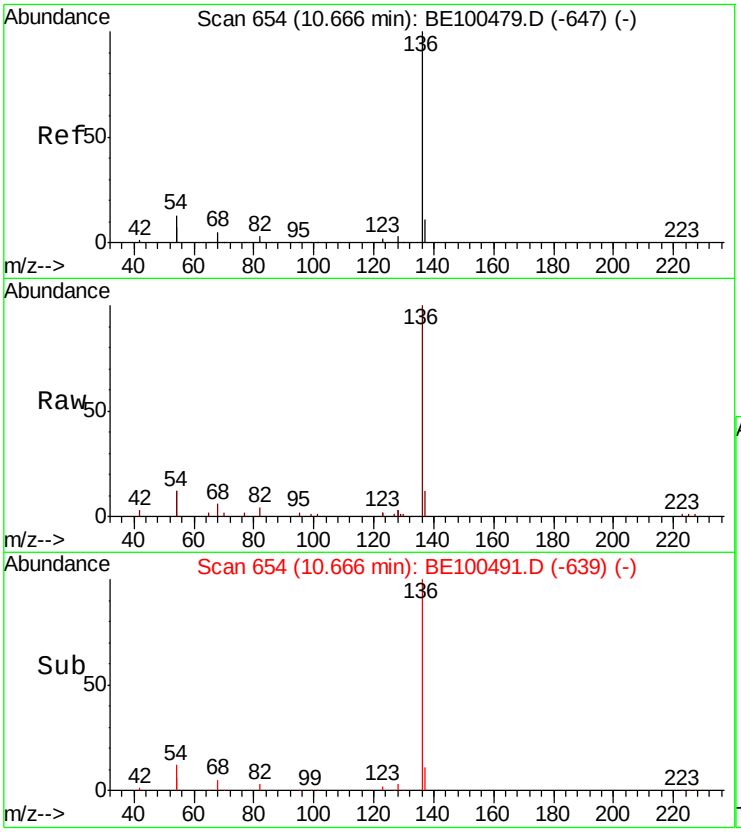


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion: 93 Resp: 3089

Ion	Ratio	Lower	Upper
93	100		
63	294.0	248.3	372.5
95	29.2	25.4	38.0



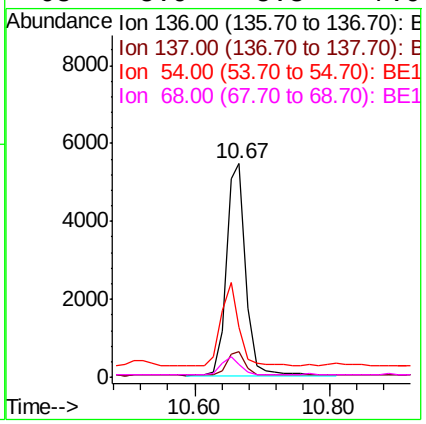


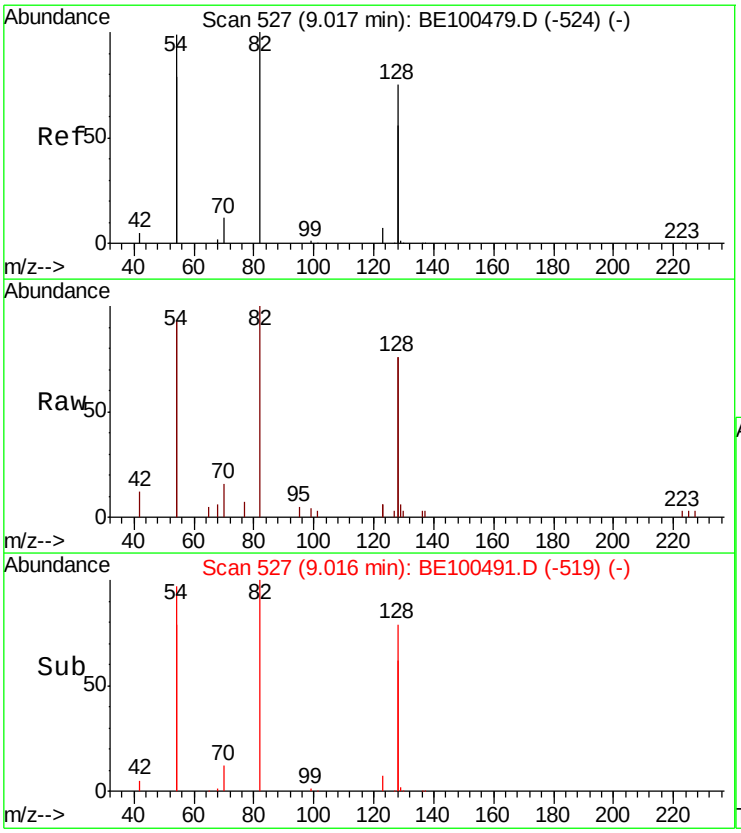
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 10960

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.6
54	23.3	20.6	31.0
68	5.9	5.3	7.9

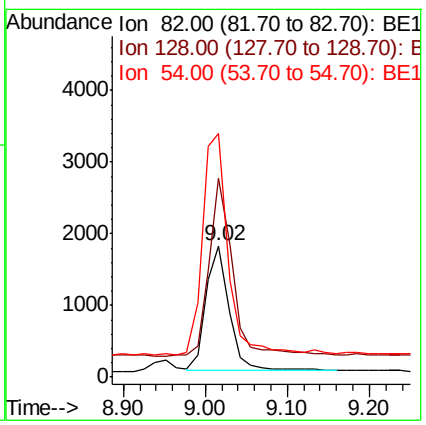


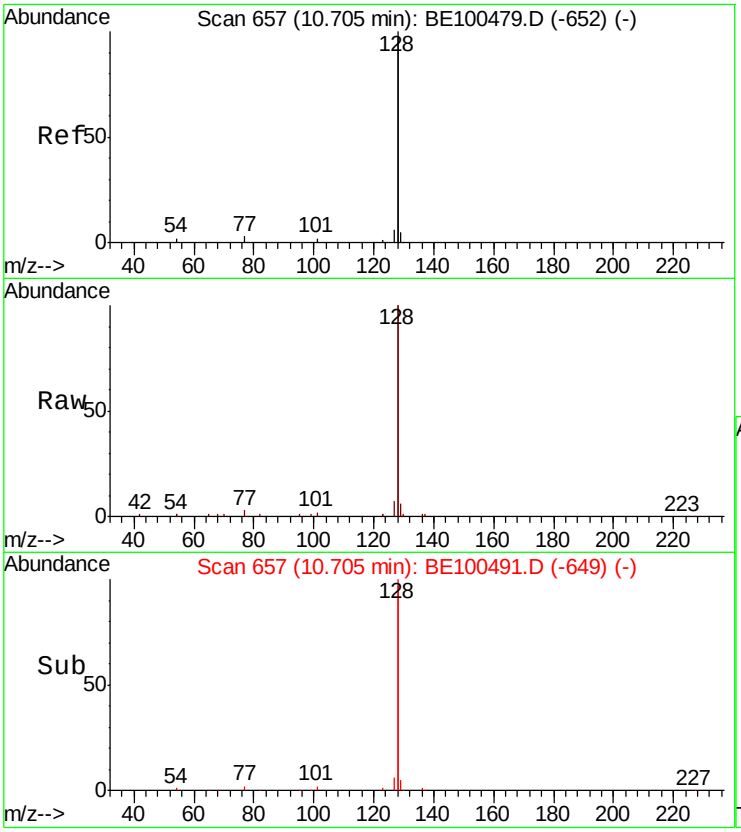


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion: 82 Resp: 3381

Ion	Ratio	Lower	Upper
82	100		
128	151.1	113.6	170.4
54	185.1	150.6	226.0



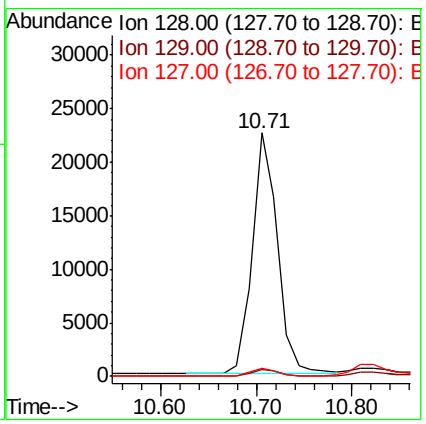


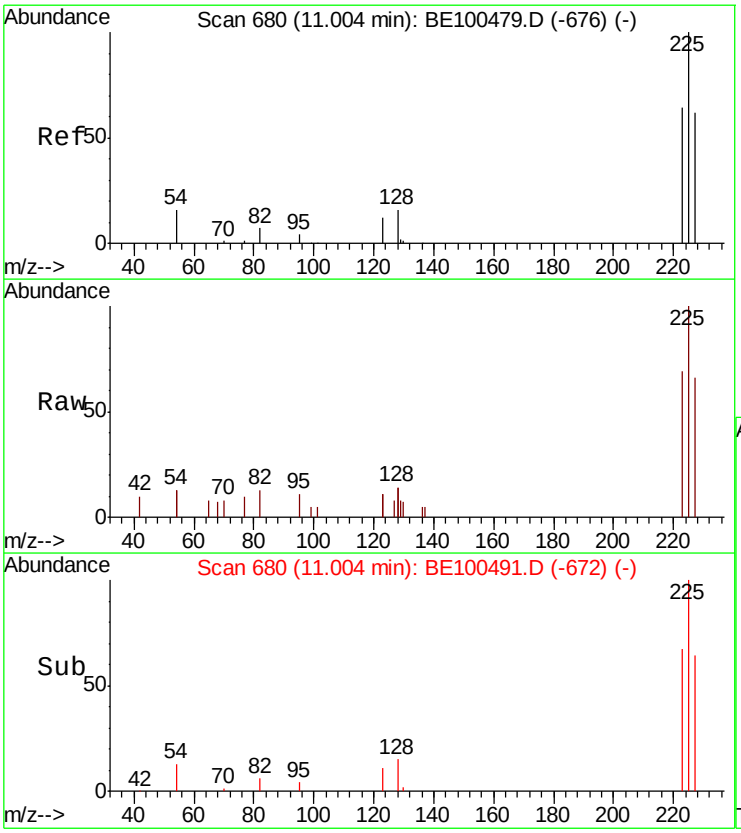
#9
Naphthalene
Concen: 0.389 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 40916

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.4	2.7	4.1

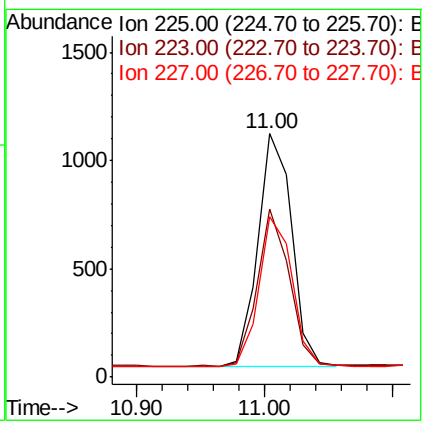


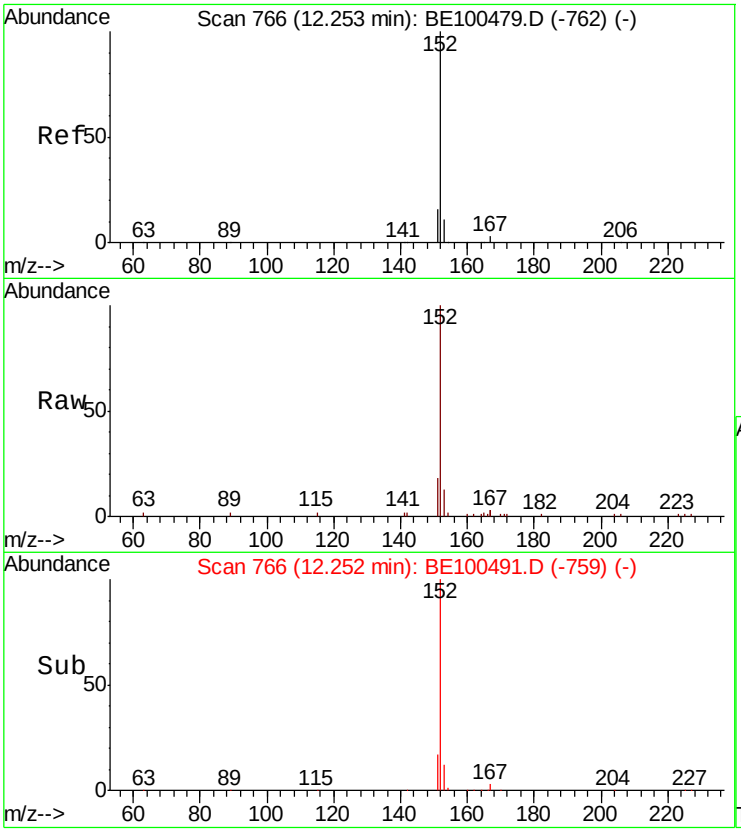


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:225 Resp: 1980

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.4	74.0
227	63.1	51.4	77.2



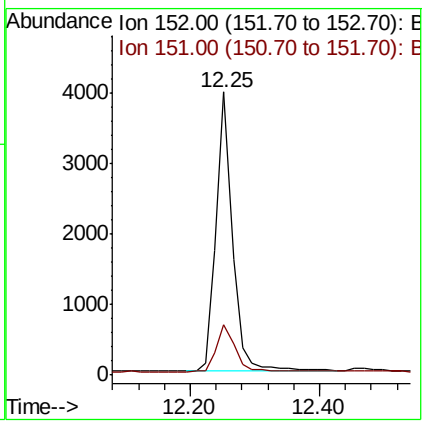


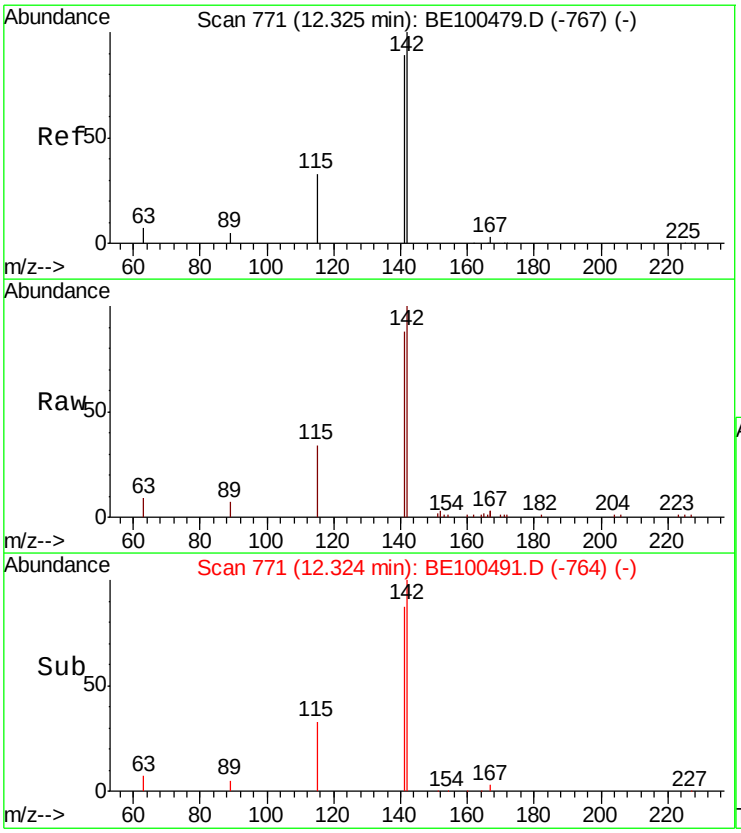
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7040

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

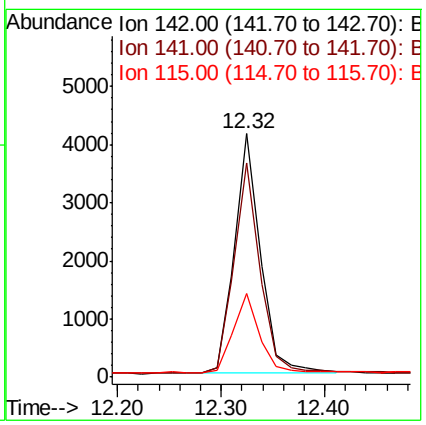


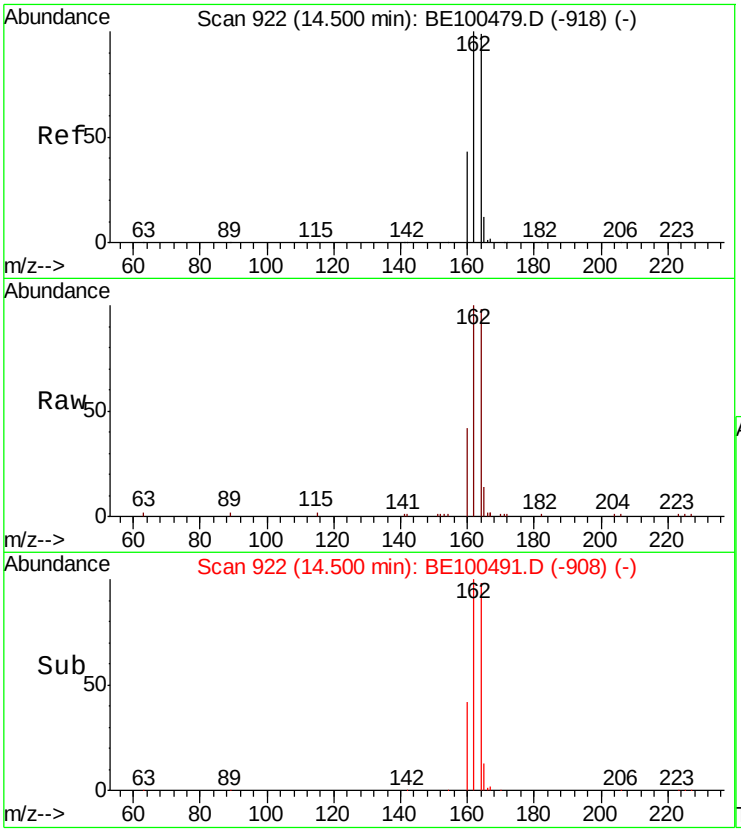


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:142 Resp: 7242

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.7	107.5
115	34.3	27.8	41.6



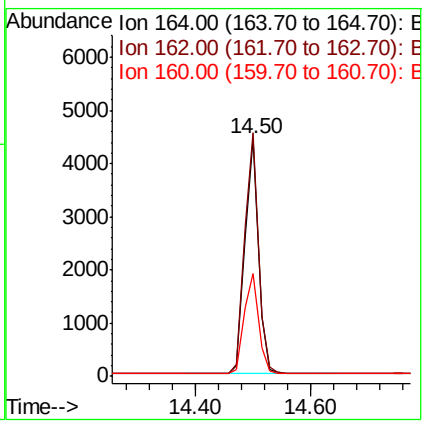


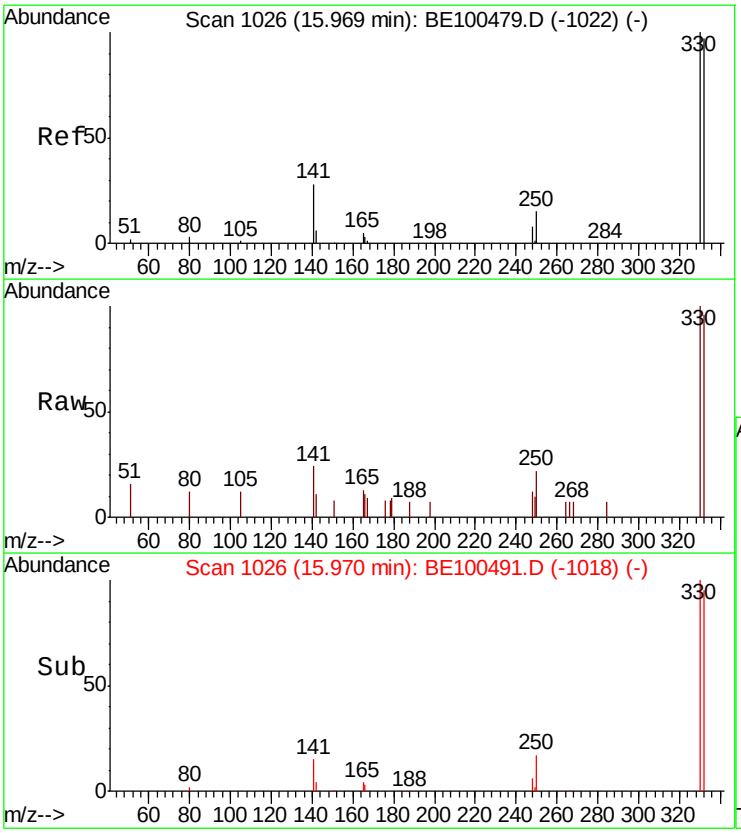
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7266

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.8	121.2
160	43.1	34.9	52.3

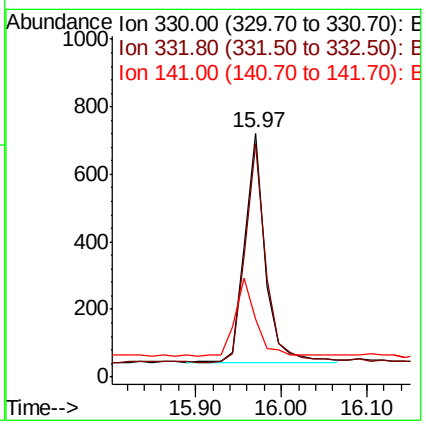


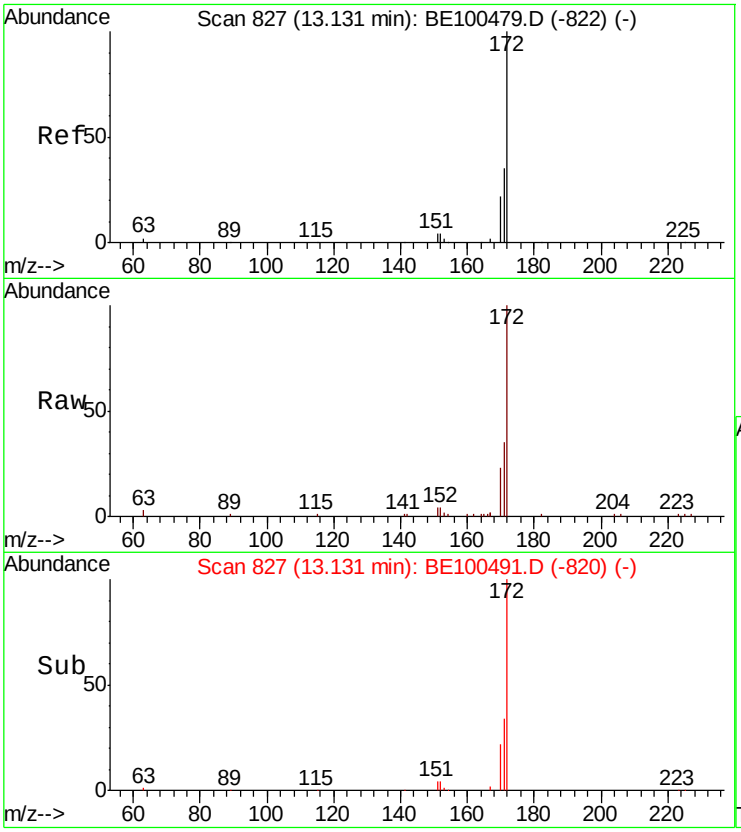


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:330 Resp: 1119

Ion	Ratio	Lower	Upper
330	100		
332	97.2	80.5	120.7
141	36.9	29.9	44.9



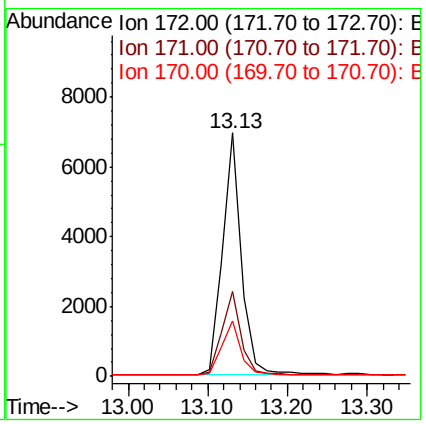


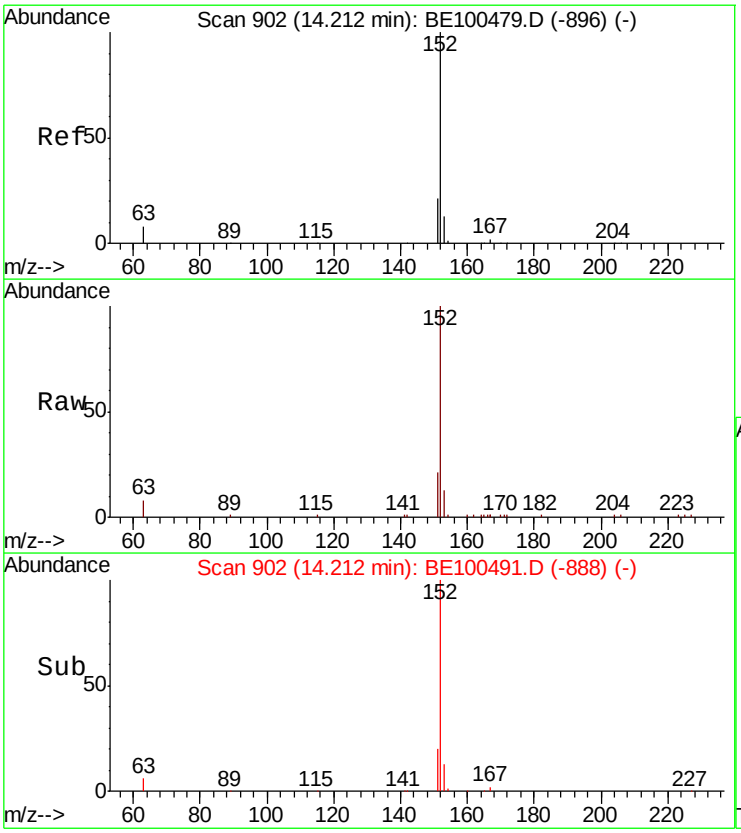
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11310

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.6	17.8	26.8

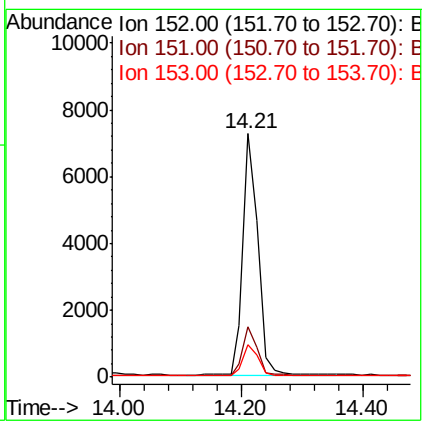


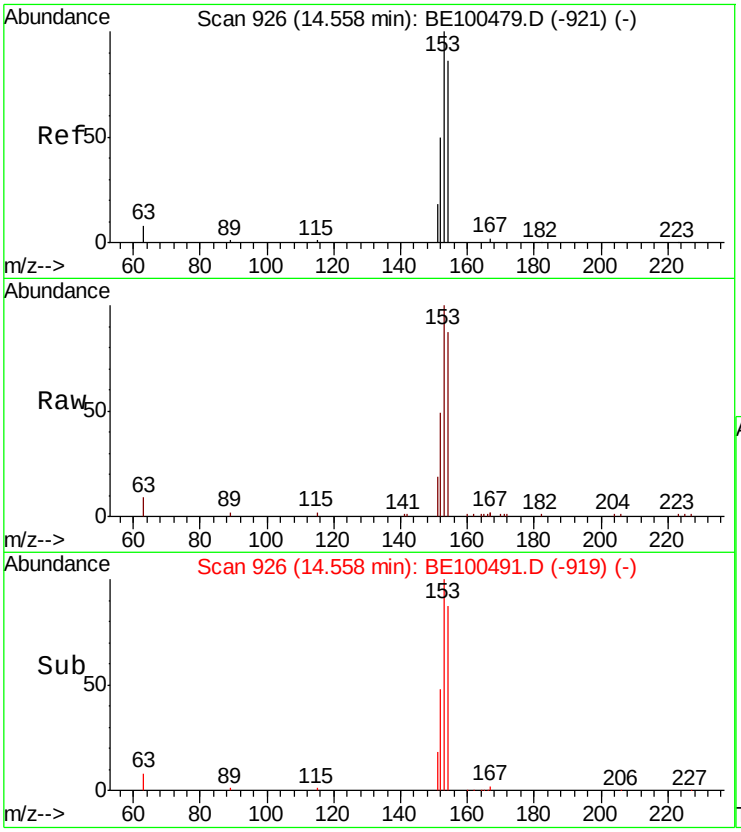


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:152 Resp: 12418

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	12.9	10.6	16.0



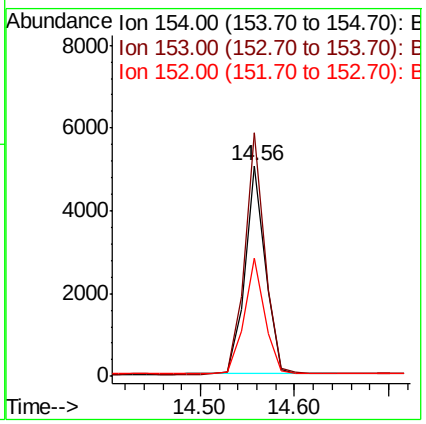


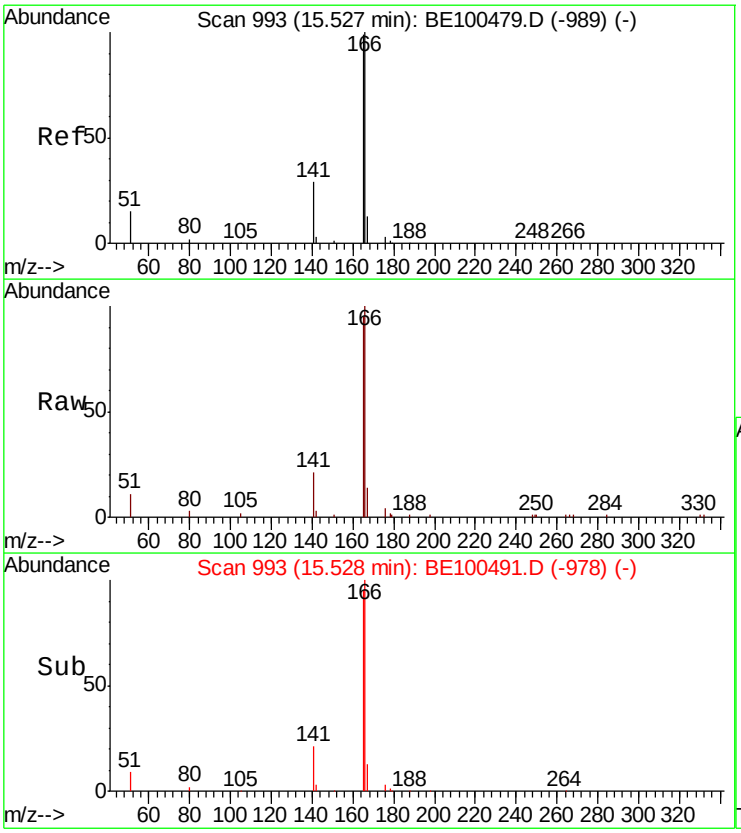
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7623

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.8	136.2
152	56.1	45.1	67.7

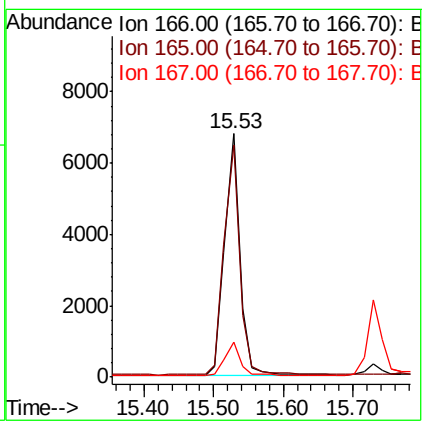


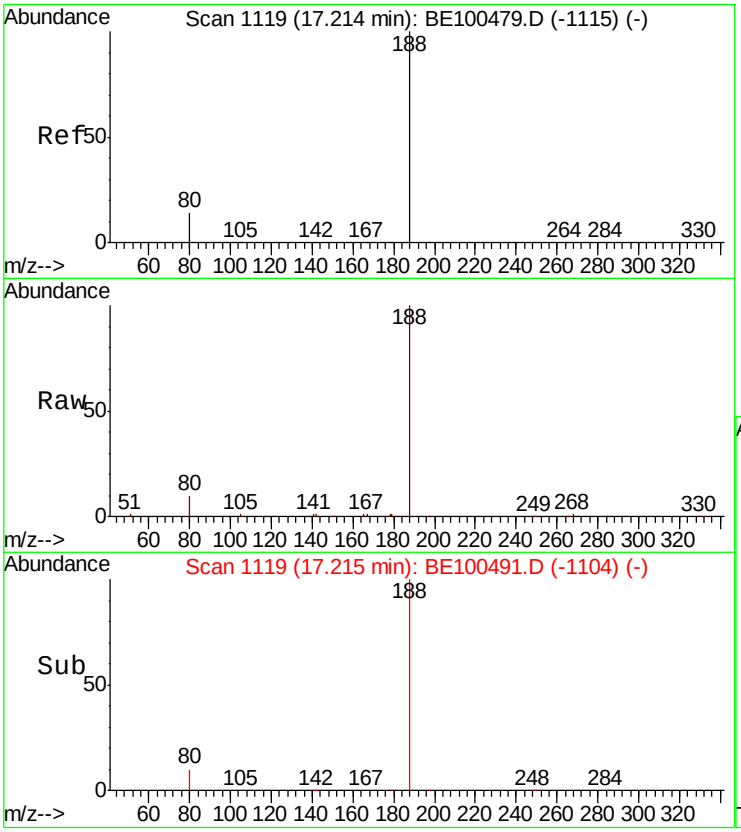


#18
Fluorene
Concen: 0.384 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:166 Resp: 10369

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.3	117.5
167	13.6	10.9	16.3



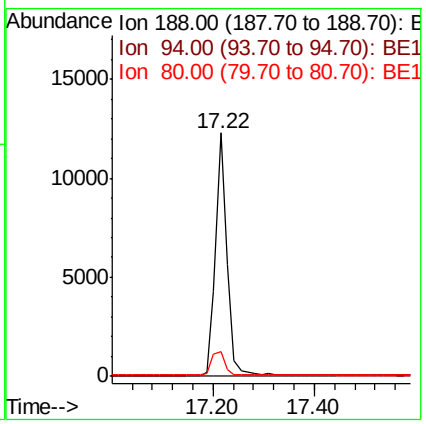


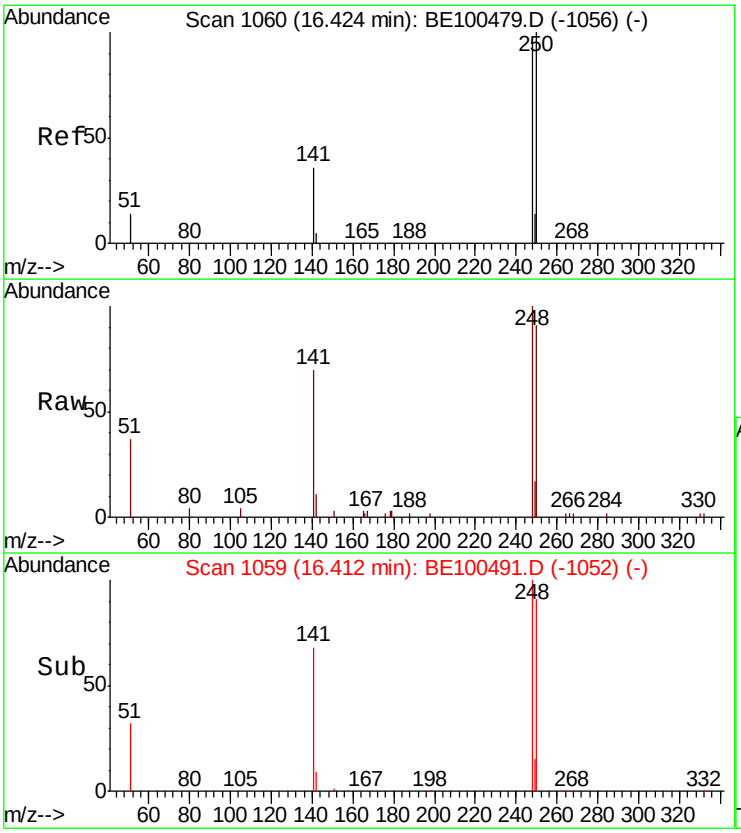
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 19249

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	11.9	17.9#

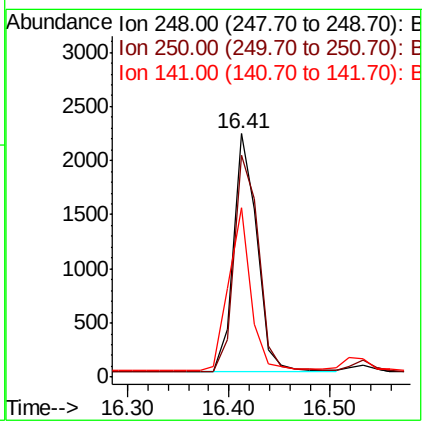


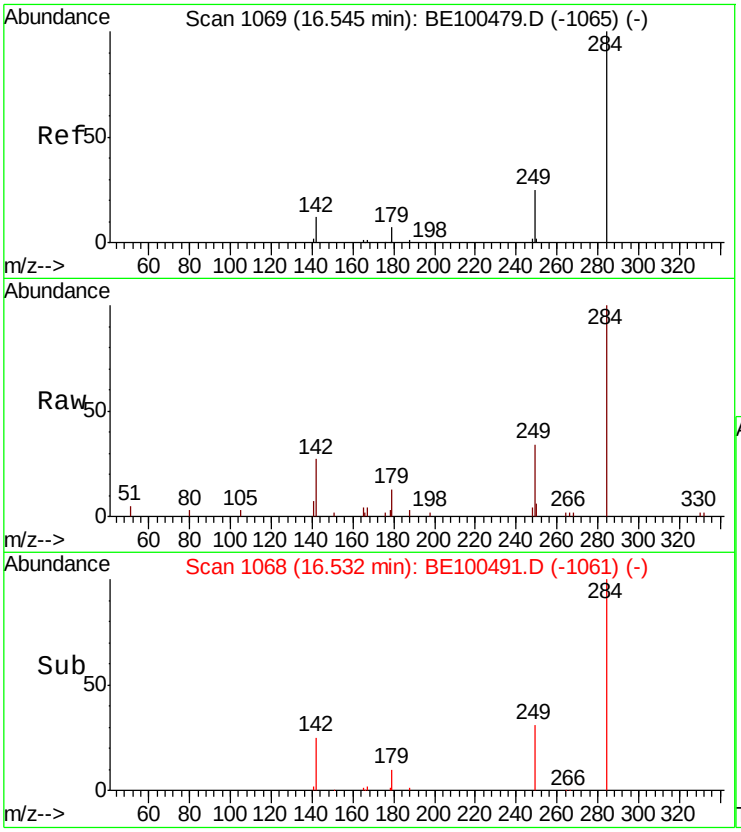


#20
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:248 Resp: 3589

Ion	Ratio	Lower	Upper
248	100		
250	90.9	84.4	126.6
141	69.7	32.2	48.2#



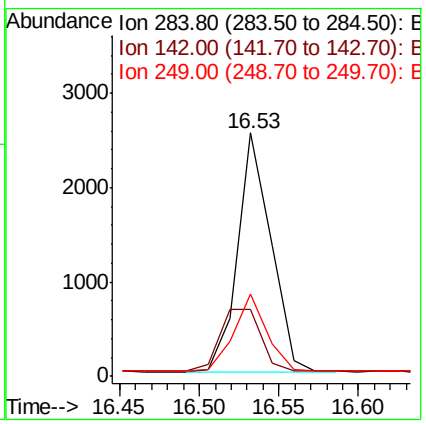


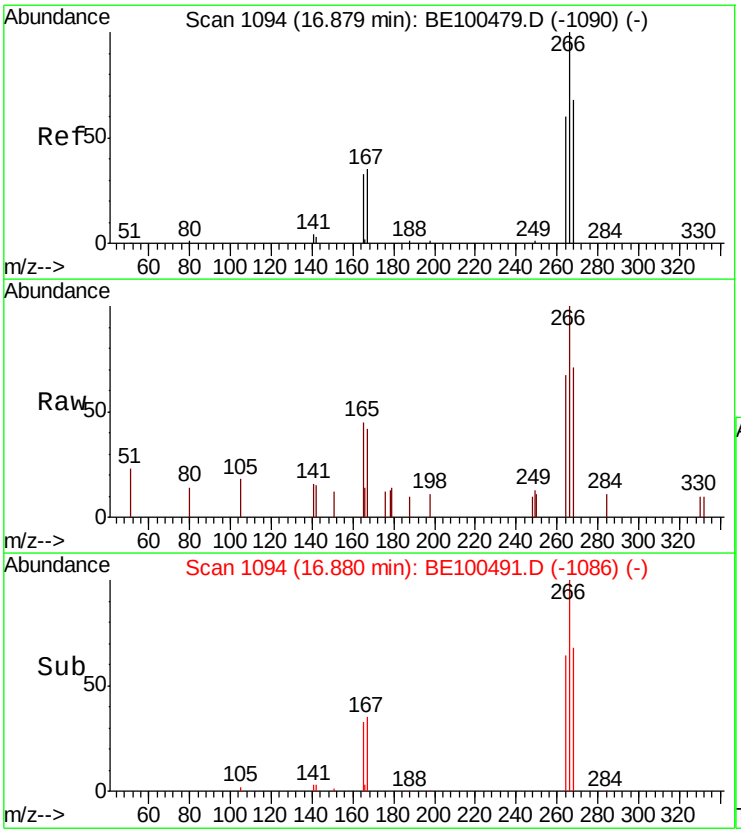
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3676

Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.7	40.1
249	31.9	25.0	37.4

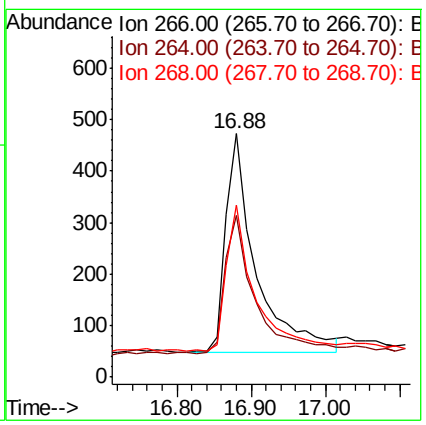


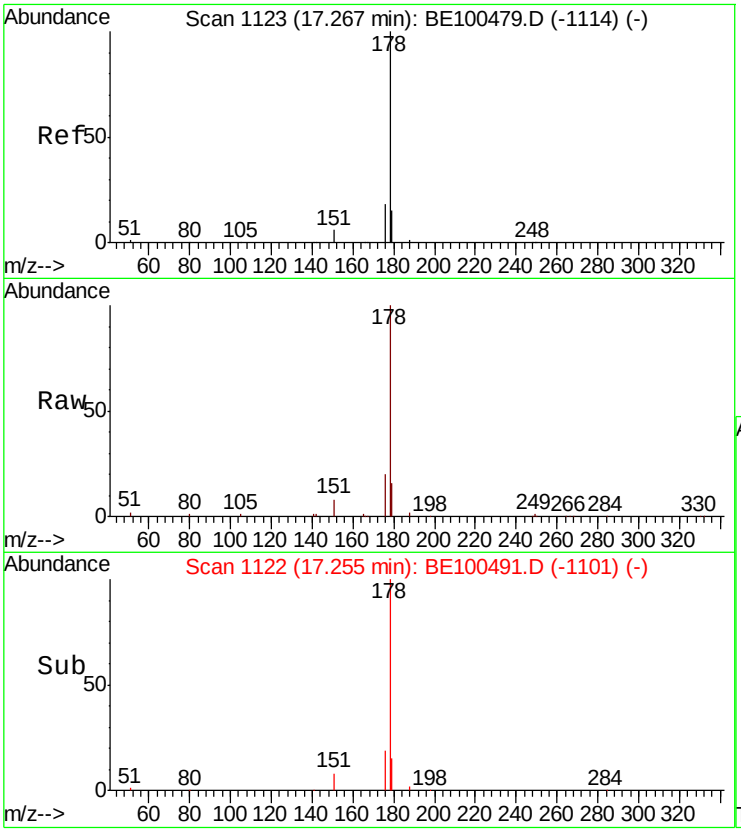


#22
Pentachlorophenol
Concen: 0.391 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:266 Resp: 1197

Ion	Ratio	Lower	Upper
266	100		
264	66.6	50.4	75.6
268	70.6	56.6	85.0



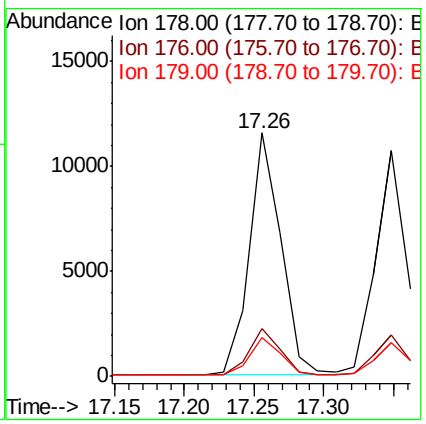


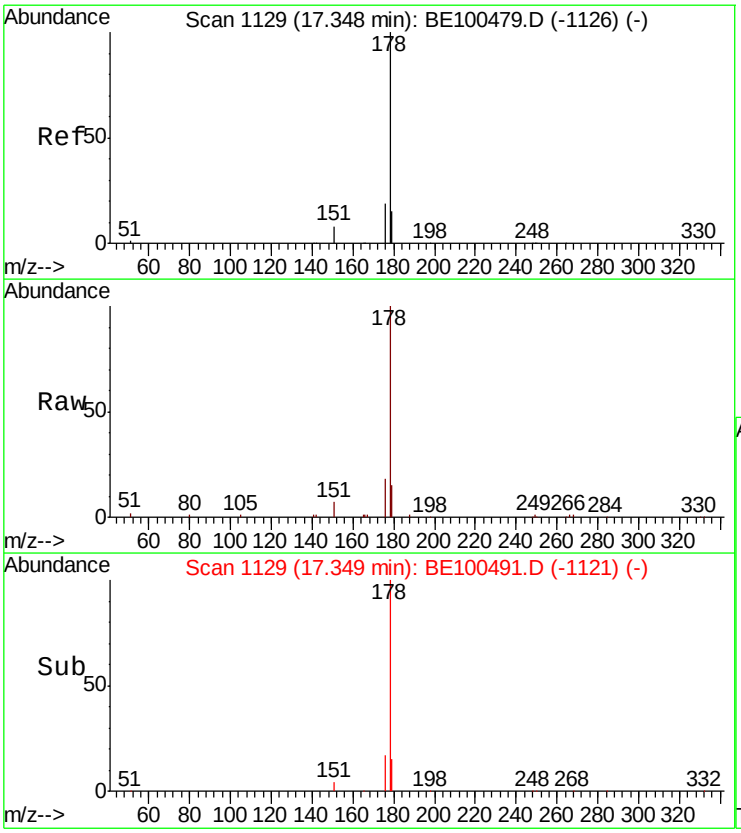
#23
Phenanthrene
Concen: 0.388 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 18310

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.6	18.8

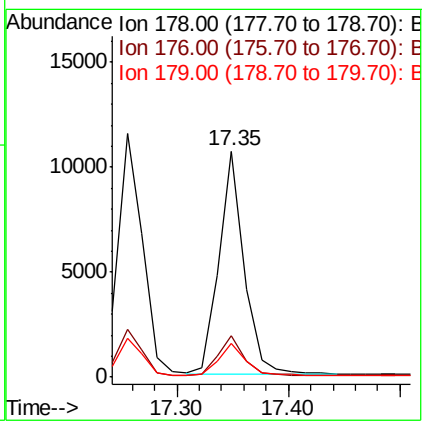


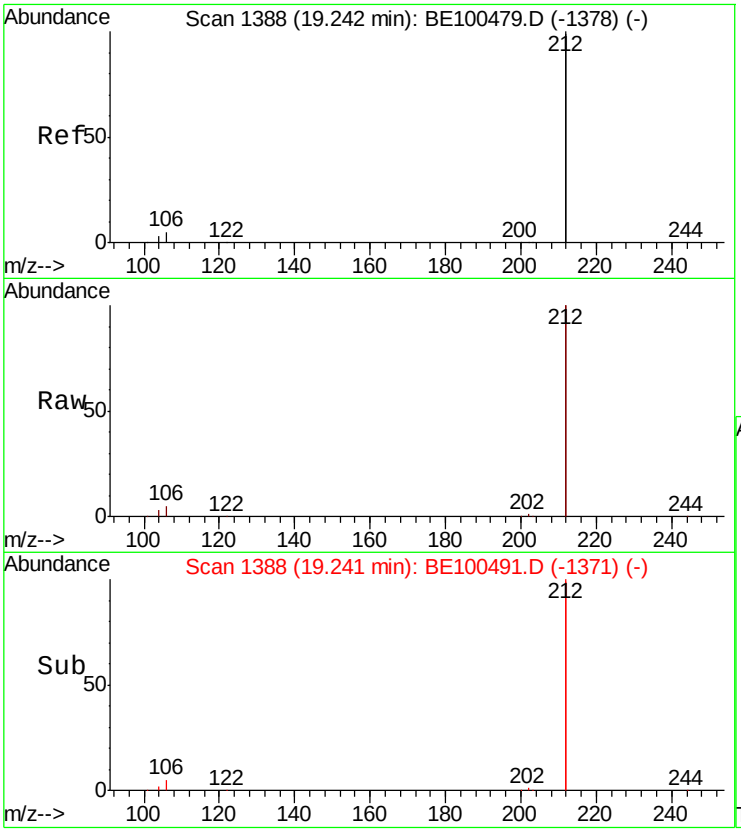


#24
Anthracene
Concen: 0.369 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:178 Resp: 16579

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.0	12.2	18.2



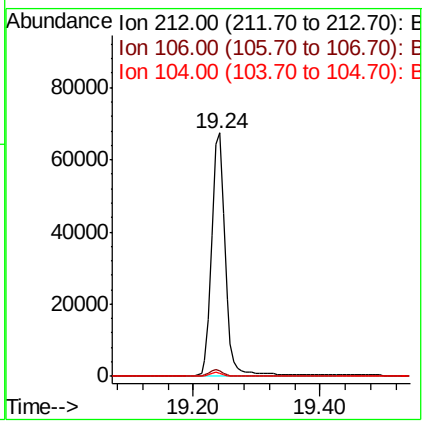


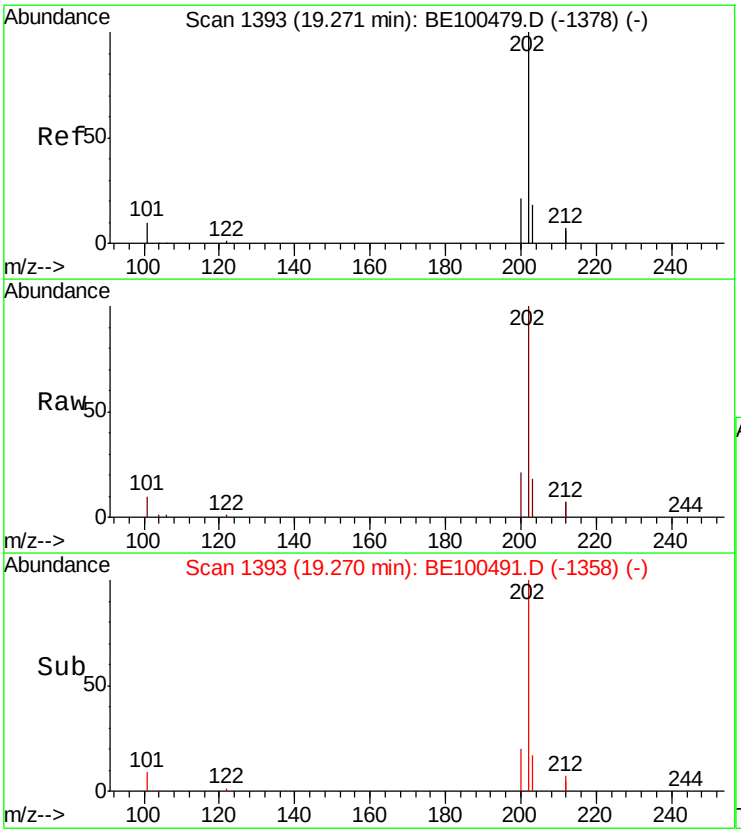
#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 97750

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.5	1.2	1.8

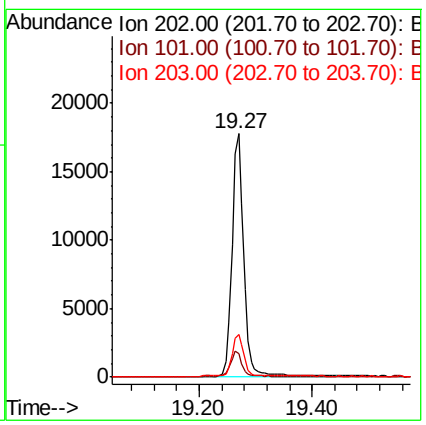


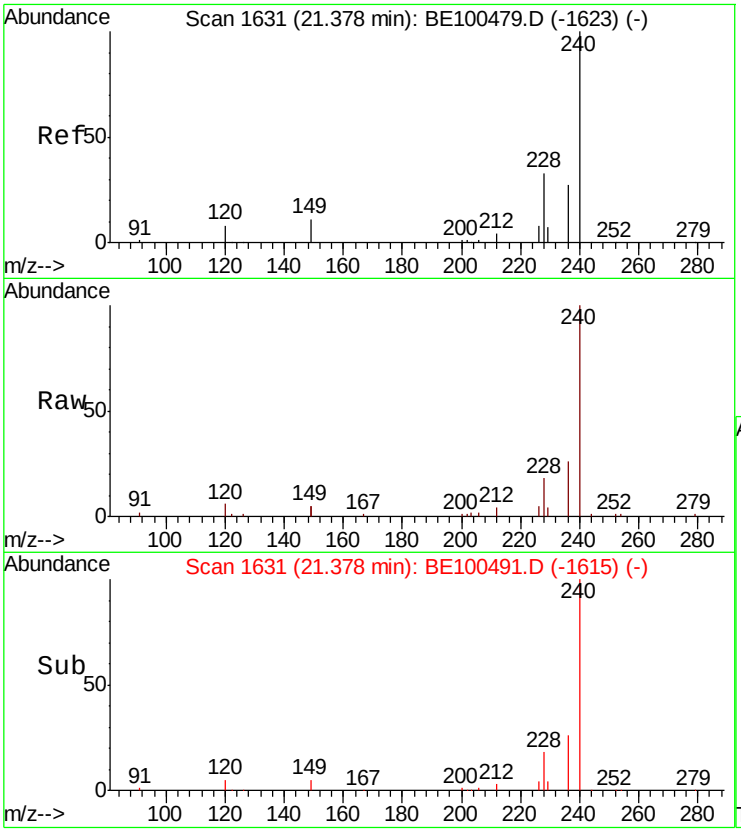


#26
Fluoranthene
Concen: 0.378 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:202 Resp: 25680

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.0	12.0
203	16.9	13.5	20.3



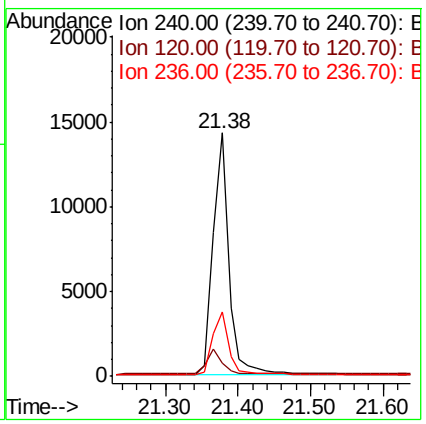


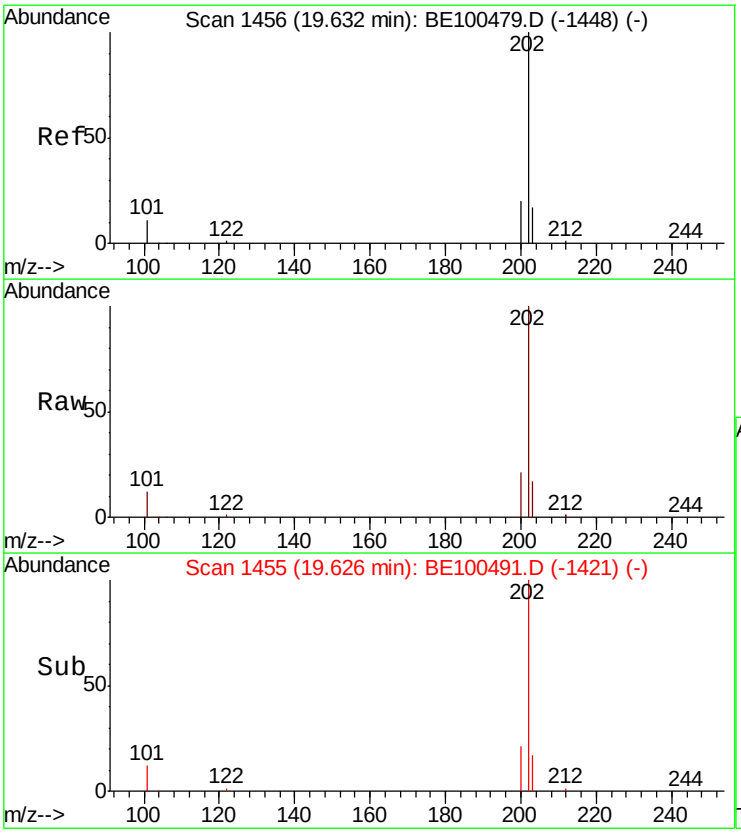
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 21944

Ion	Ratio	Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	26.5	22.6	34.0

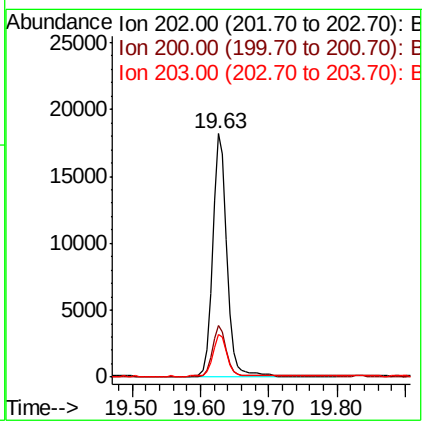


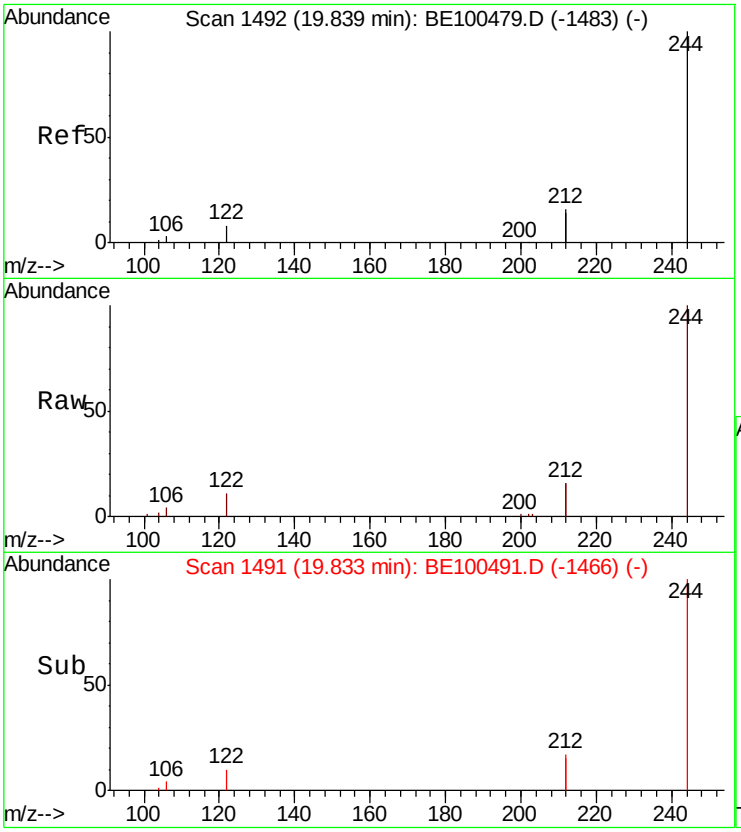


#28
Pyrene
Concen: 0.388 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:202 Resp: 26510

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.4	14.1	21.1



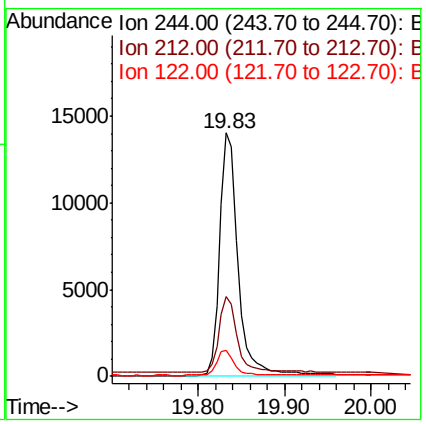


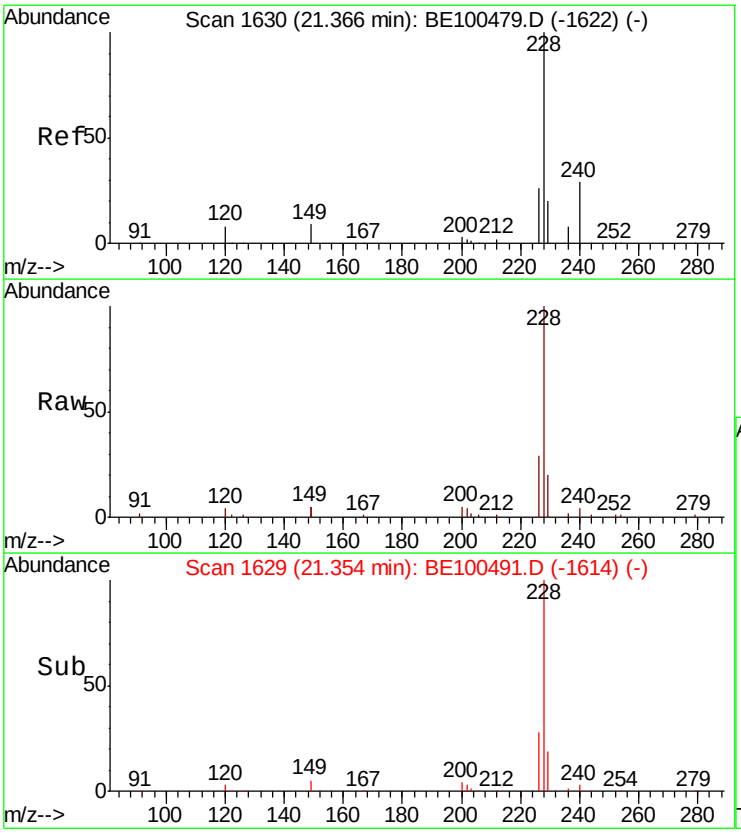
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 20621

Ion	Ratio	Lower	Upper
244	100		
212	32.9	25.6	38.4
122	10.7	7.2	10.8

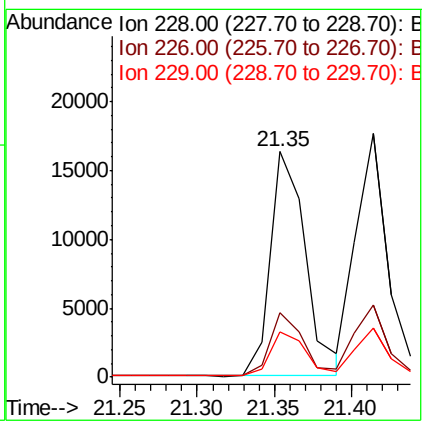


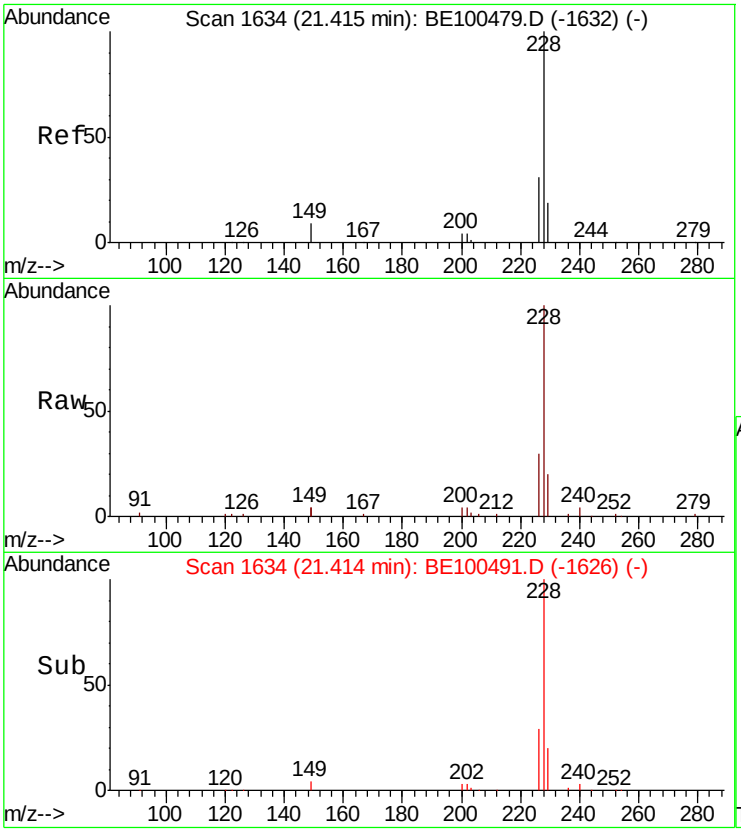


#30
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:228 Resp: 26030

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.4	32.2
229	19.9	17.3	25.9



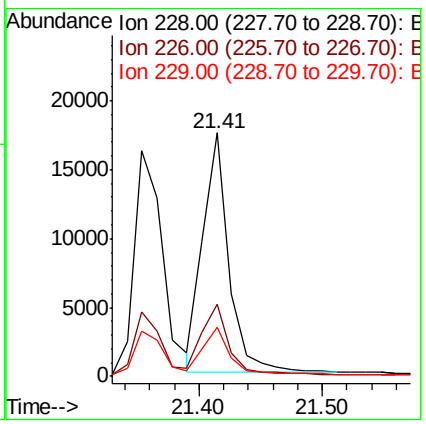


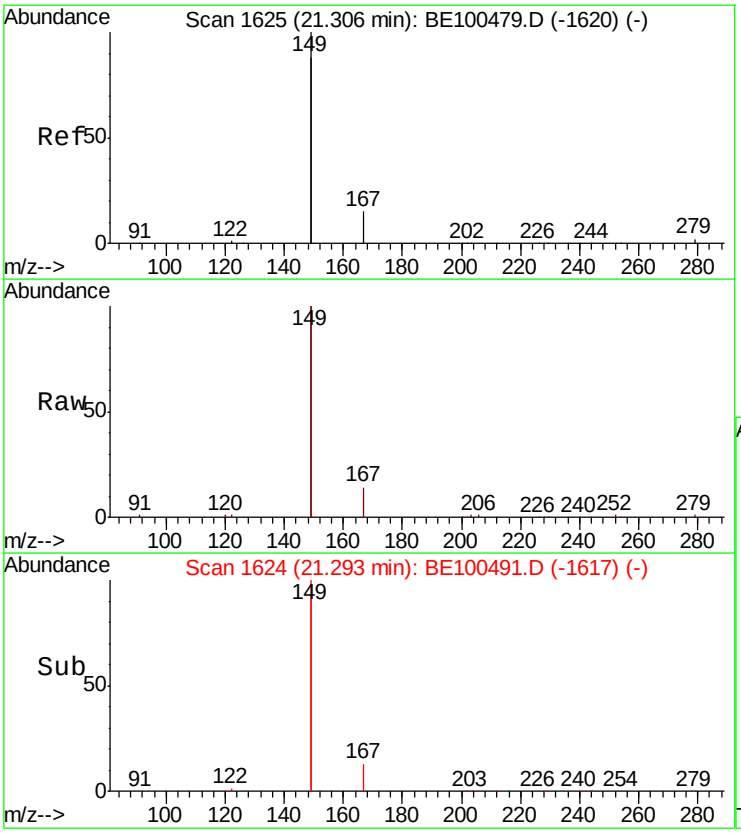
#31
Chrysene
Concen: 0.384 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 25420

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.0	16.7	25.1

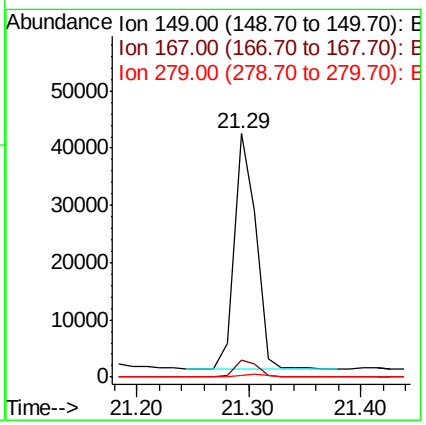


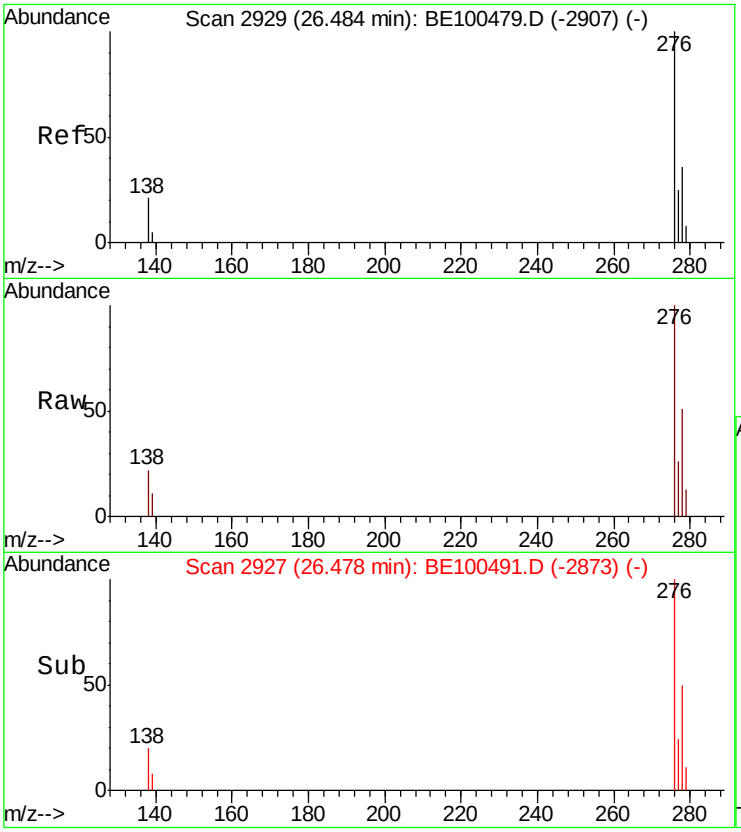


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.360 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:149 Resp: 55310

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.0	1.0	1.6#



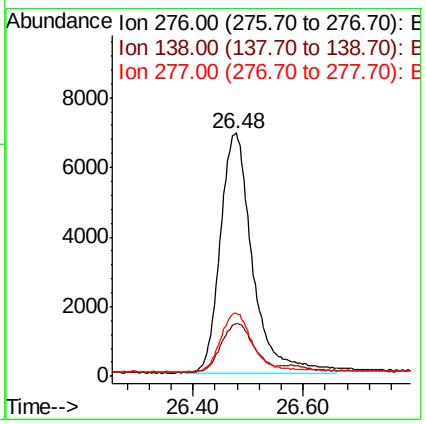


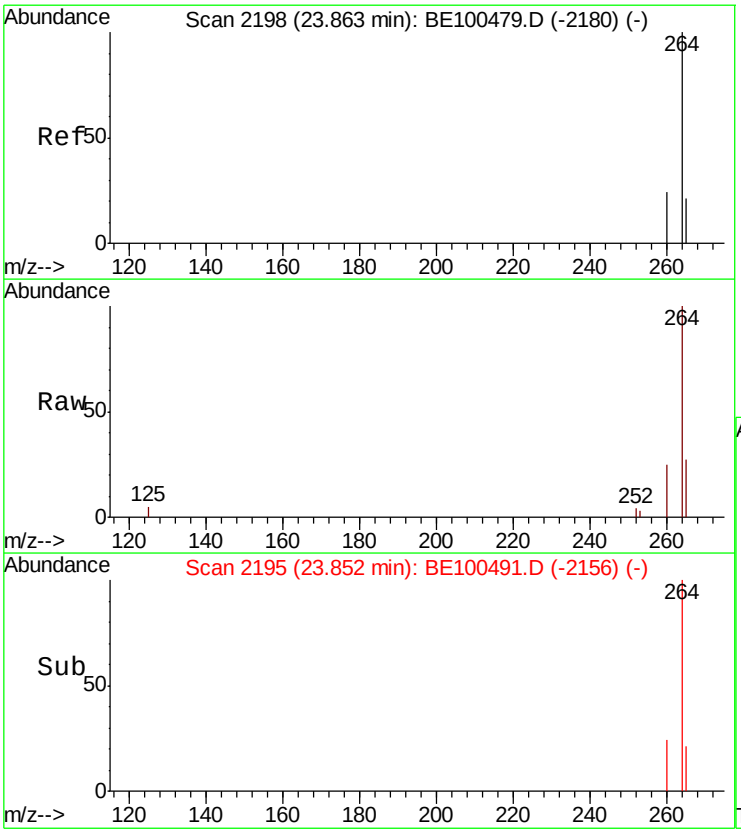
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 26.48 min Scan# 2927
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 28008

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.6	25.0
277	23.7	19.1	28.7

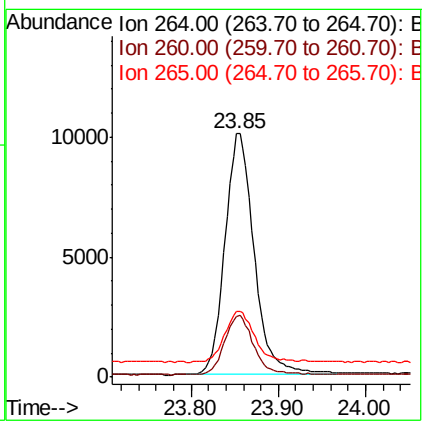


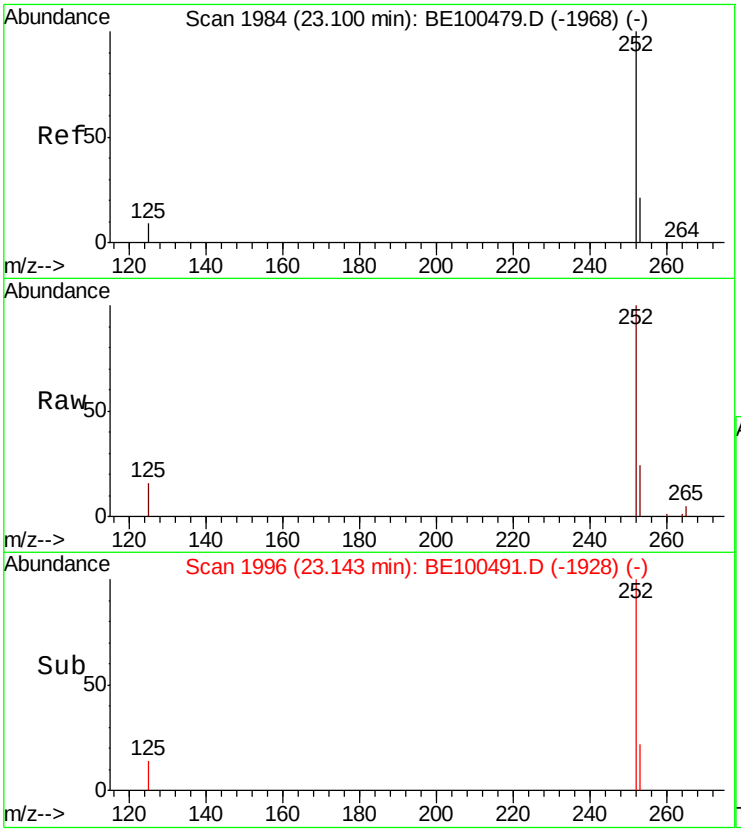


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:264 Resp: 23481

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.7	31.1
265	26.9	23.4	35.2



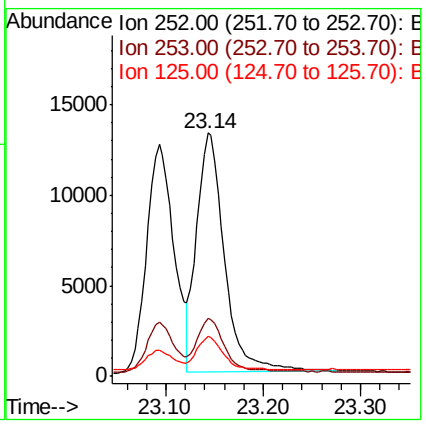


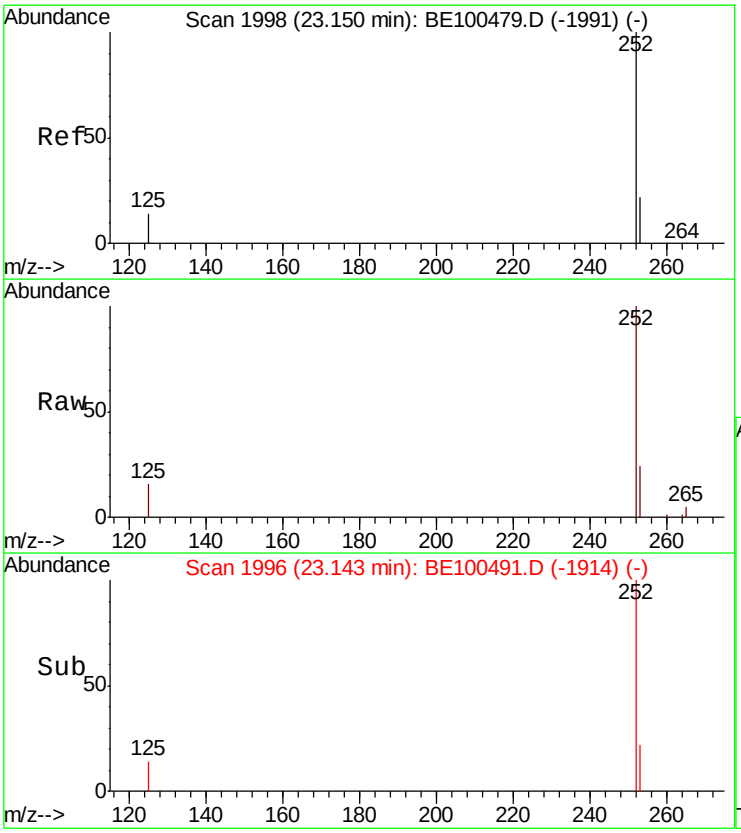
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.04 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 26136

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	16.5	11.9	17.9

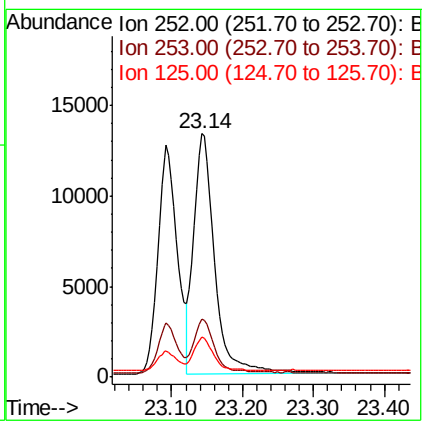


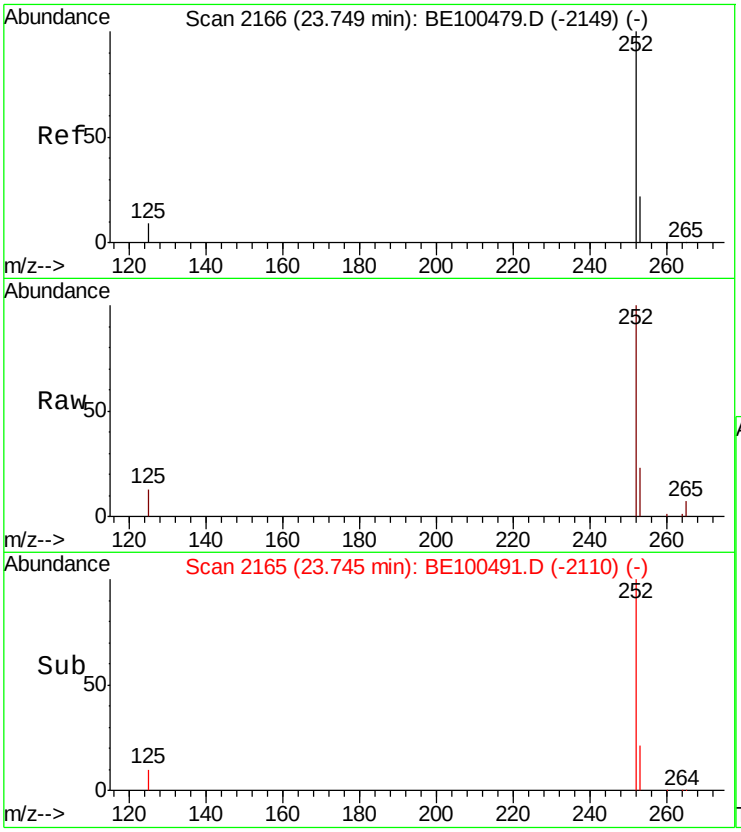


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:252 Resp: 26824

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.7	29.5
125	16.5	15.2	22.8



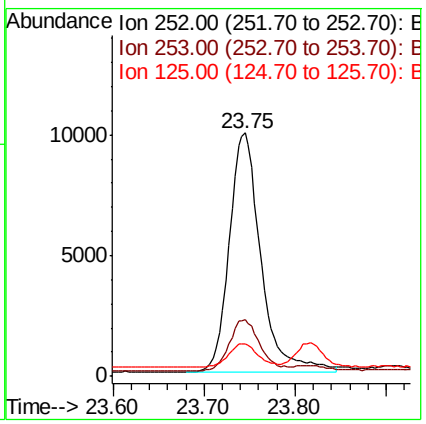


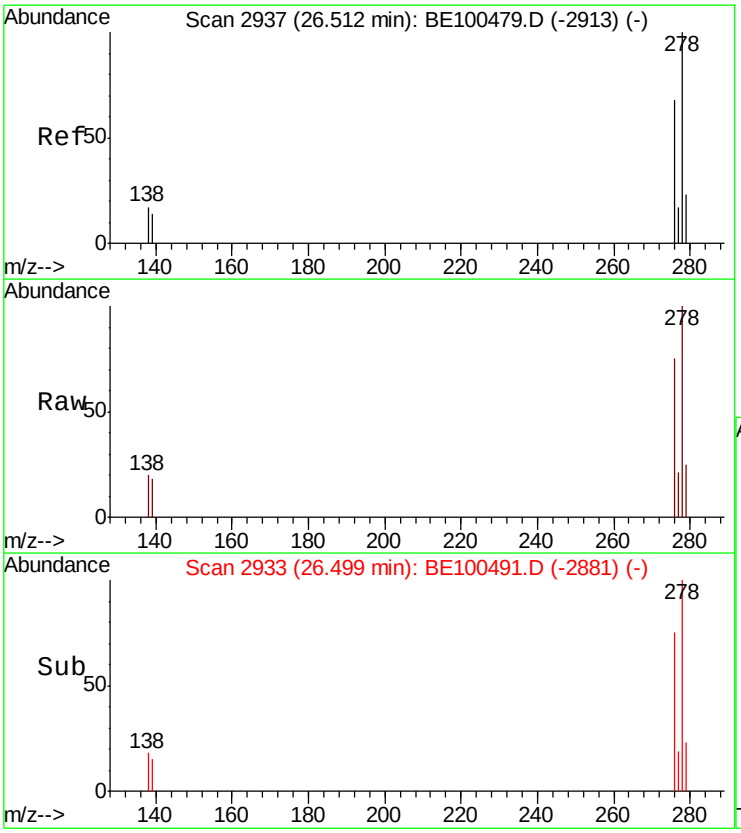
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23950

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	13.5	14.1	21.1#

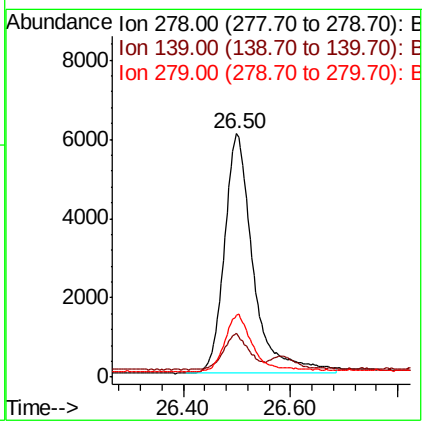


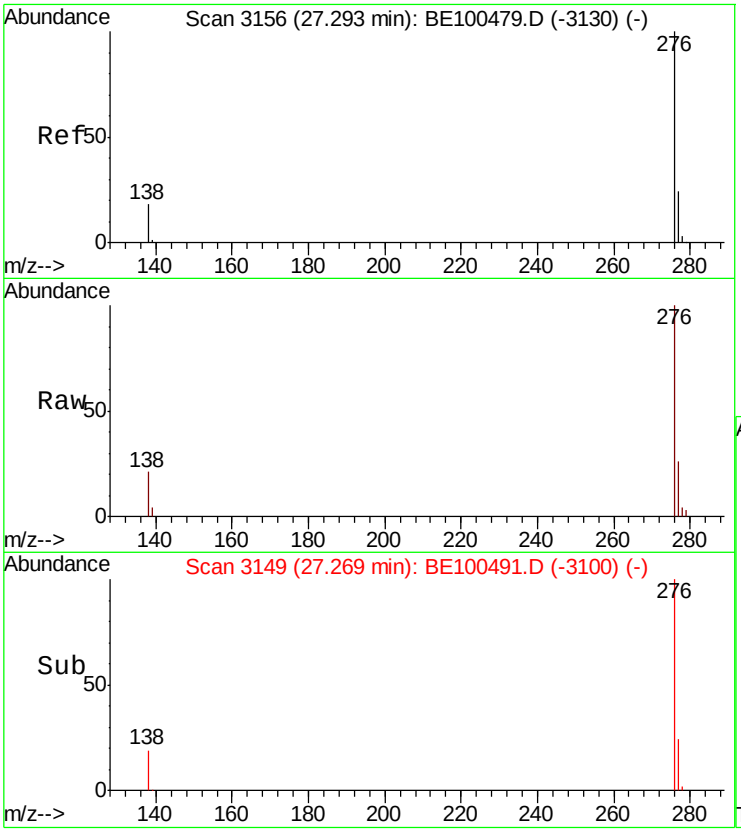


#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:278 Resp: 22576

Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.8	25.2
279	25.4	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 27.27 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 23359

Ion	Ratio	Lower	Upper
276	100		
277	26.0	22.0	33.0
138	20.8	17.3	25.9