Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100651.D
Acq On : 15 Oct 2019 16:46
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 15 18:48:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	5104	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	23226	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	14223	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	29808	0.40	ng		0.00
27) Chrysene-d12	21.38	240	31249	0.40	ng		0.01
34) Perylene-d12	23.86	264	35809	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	6643	0.42	ng		0.00
5) Phenol-d6	7.01	99	10673	0.48	ng		0.00
8) Nitrobenzene-d5	8.99	82	8481	0.59	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	14068	0.38	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	2268	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	22271	0.43	ng		0.00
25) Fluoranthene-d10	19.23	212	139041	0.36	ng		0.00
29) Terphenyl-d14	19.83	244	34209	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	2830	0.311	ng	#	100
3) n-Nitrosodimethylamine	3.70	42	3412	0.354	ng	#	92
6) bis(2-Chloroethyl)ether	7.28	93	7065	0.387	ng		97
9) Naphthalene	10.69	128	93622	0.383	ng		100
10) Hexachlorobutadiene	10.99	225	4108	0.387	ng		99
12) 2-Methylnaphthalene	12.31	142	16277	0.391	ng		99
16) Acenaphthylene	14.20	152	24879	0.407	ng		100
17) Acenaphthene	14.54	154	15350	0.388	ng		100
18) Fluorene	15.51	166	20019	0.381	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	6236	0.411	ng		99
21) Hexachlorobenzene	16.53	284	5752	0.398	ng		99
22) Pentachlorophenol	16.87	266	3048	0.655	ng		96
23) Phenanthrene	17.24	178	34412	0.420	ng		99
24) Anthracene	17.34	178	31874	0.419	ng		100
26) Fluoranthene	19.26	202	42786	0.400	ng		100
28) Pyrene	19.62	202	45192	0.518	ng		98
30) Benzo(a)anthracene	21.41	228	42708	0.419	ng		92
31) Chrysene	21.41	228	42499	0.417	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	108683	0.510	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.48	276	46440	0.371	ng		99
35) Benzo(b)fluoranthene	23.10	252	42565	0.408	ng	#	94
36) Benzo(k)fluoranthene	23.15	252	41563	0.387	ng	#	90
37) Benzo(a)pyrene	23.74	252	40312	0.415	ng	#	94
38) Dibenzo(a,h)anthracene	26.51	278	38290	0.381	ng		93
39) Benzo(g,h,i)perylene	27.28	276	36611	0.362	ng		93

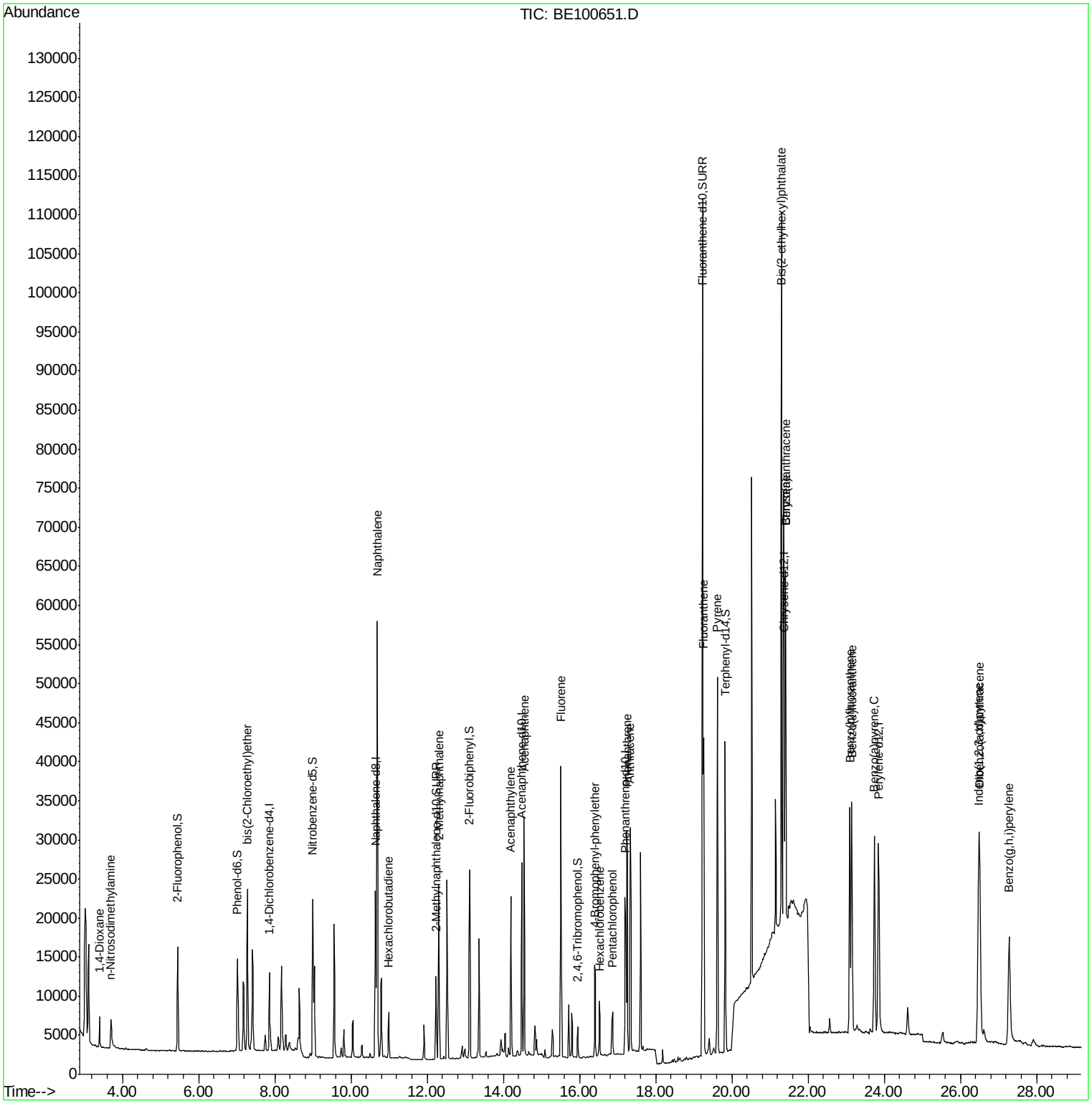
(#) = qualifier out of range (m) = manual integration (+) = signals summed

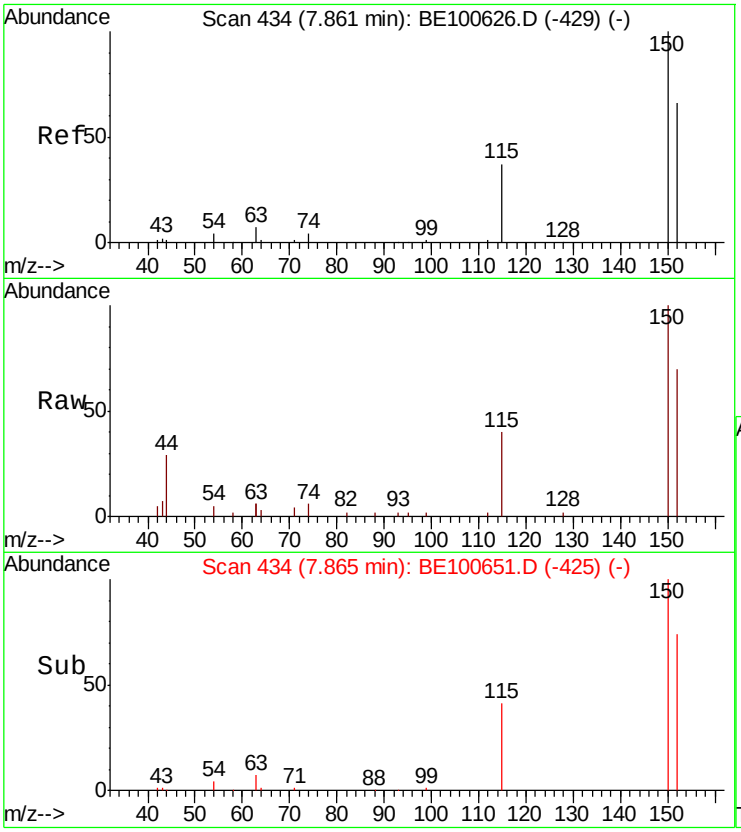
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100651.D
Acq On : 15 Oct 2019 16:46
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 15 18:48:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration



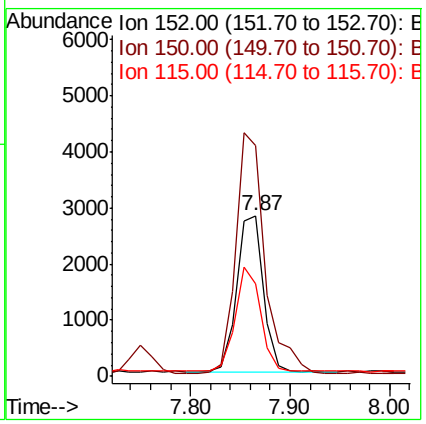


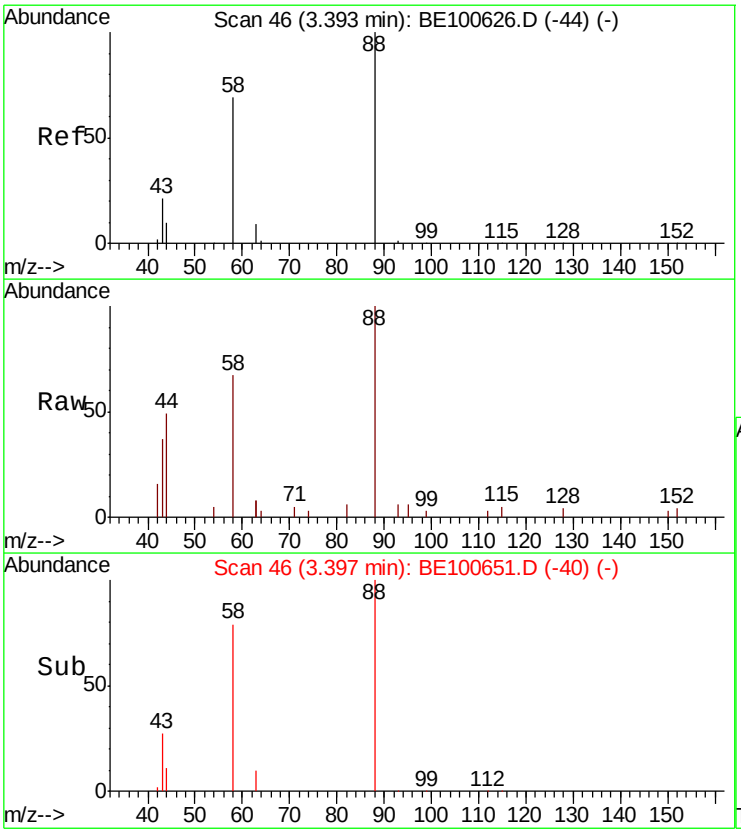
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5104

Ion	Ratio	Lower	Upper
152	100		
150	143.4	120.7	181.1
115	57.3	48.0	72.0

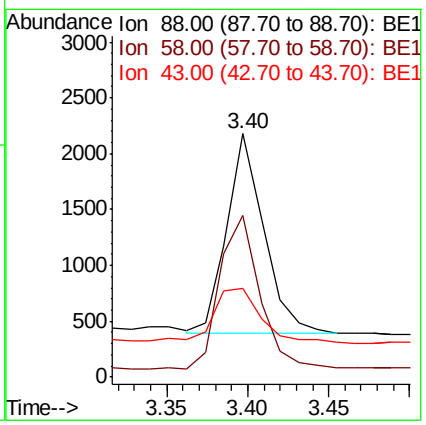


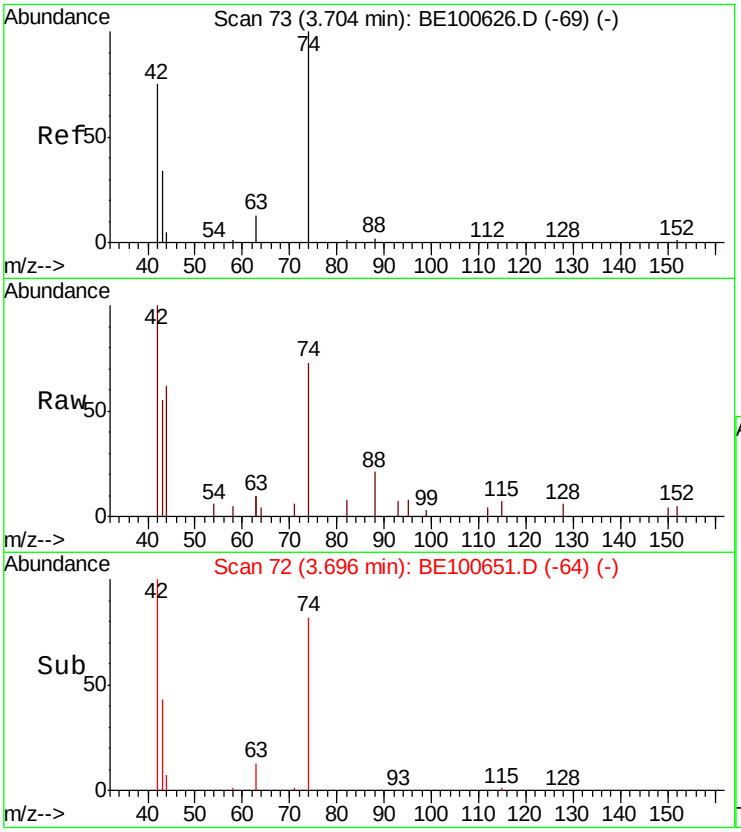


#2
1,4-Dioxane
Concen: 0.311 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion: 88 Resp: 2830

Ion	Ratio	Lower	Upper
88	100		
58	82.4	0.0	0.0#
43	34.3	0.0	0.0#



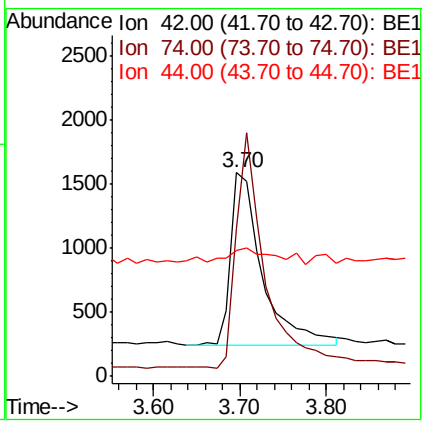


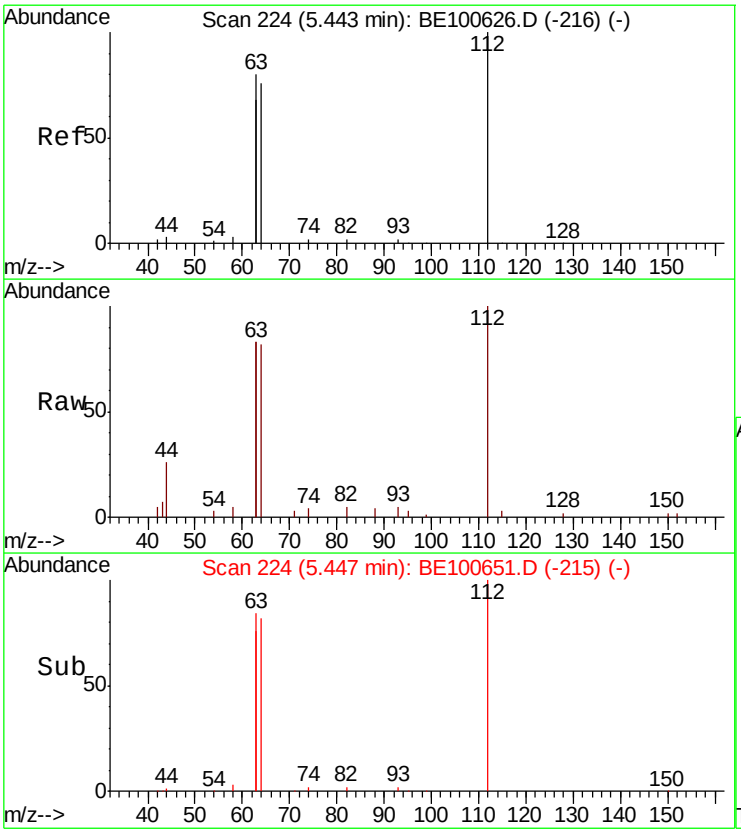
#3
n-Nitrosodimethylamine
Concen: 0.354 ng
RT: 3.70 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3412

Ion	Ratio	Lower	Upper
42	100		
74	123.6	91.7	137.5
44	13.4	8.2	12.2#

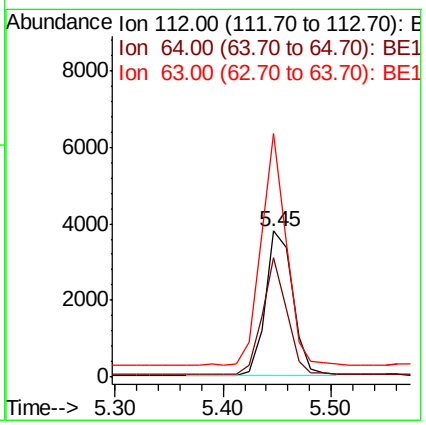


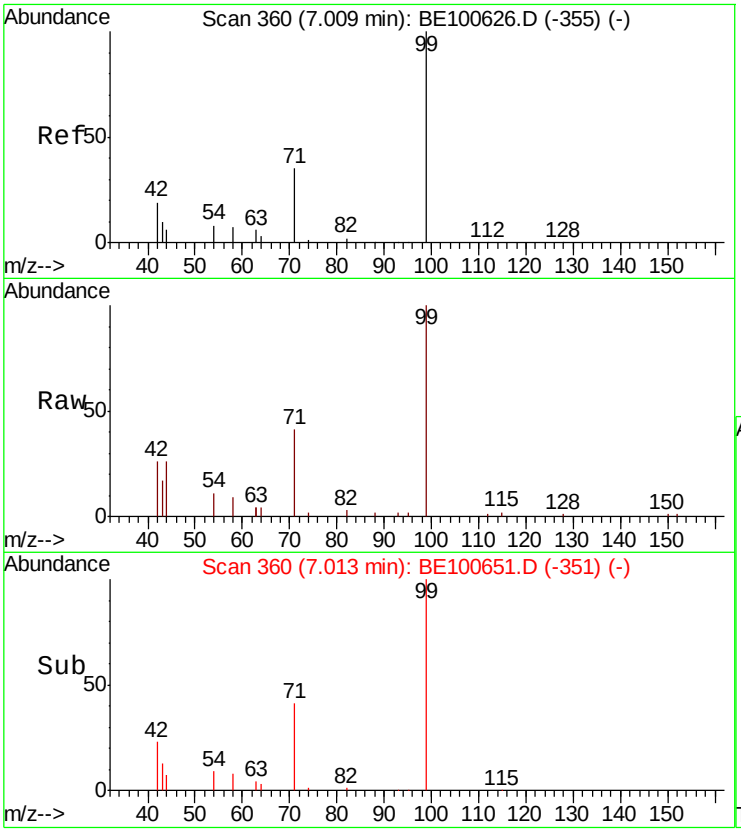


#4
2-Fluorophenol
Concen: 0.421 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:112 Resp: 6643

Ion	Ratio	Lower	Upper
112	100		
64	72.9	58.9	88.3
63	146.9	118.3	177.5



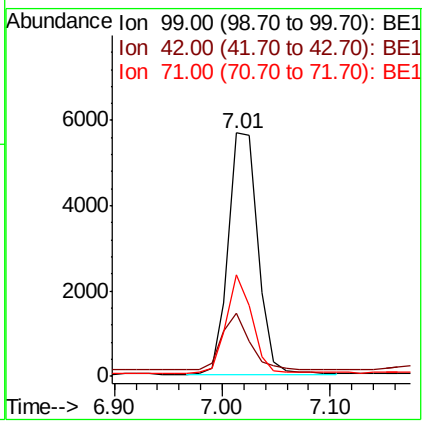


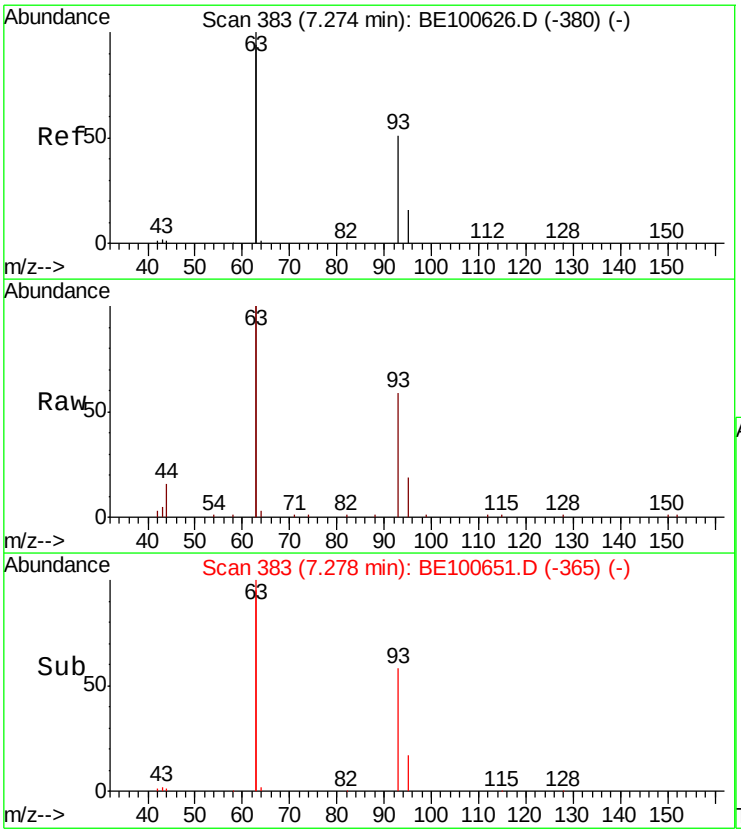
#5
Phenol-d6
Concen: 0.480 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 10673

Ion	Ratio	Lower	Upper
99	100		
42	22.1	19.4	29.2
71	35.8	26.9	40.3

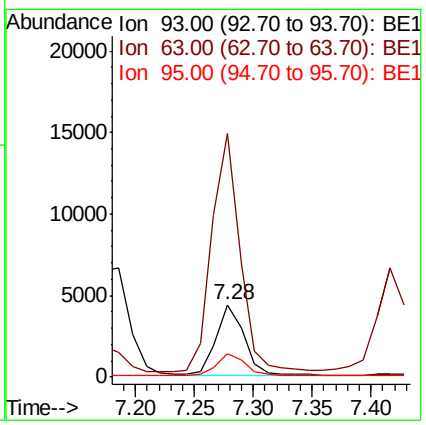


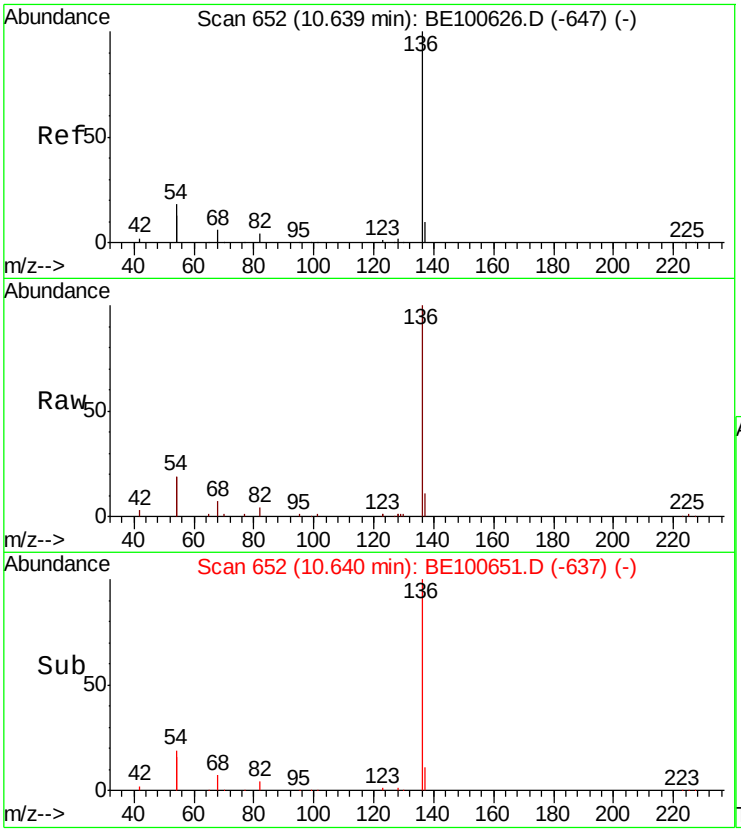


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion: 93 Resp: 7065

Ion	Ratio	Lower	Upper
93	100		
63	340.6	277.4	416.0
95	31.3	24.7	37.1



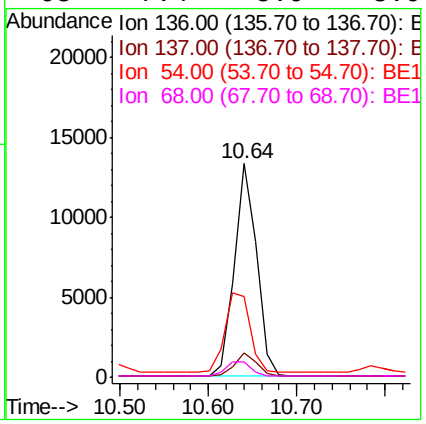


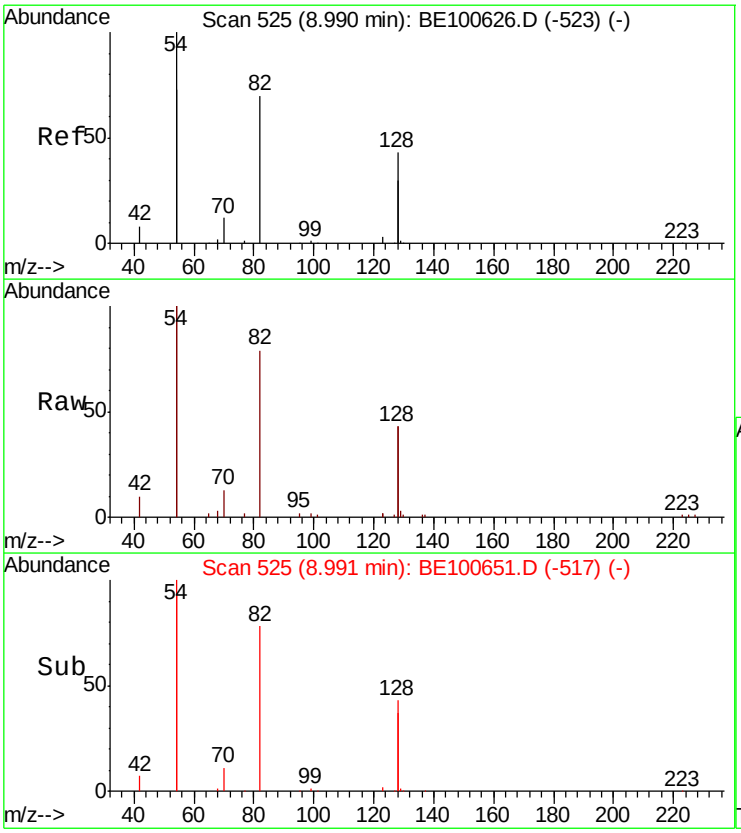
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 23226

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	37.6	28.7	43.1
68	7.4	5.9	8.9

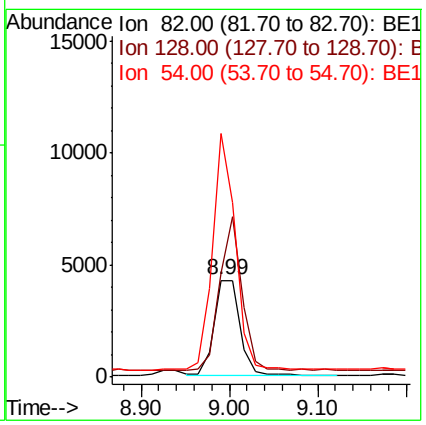


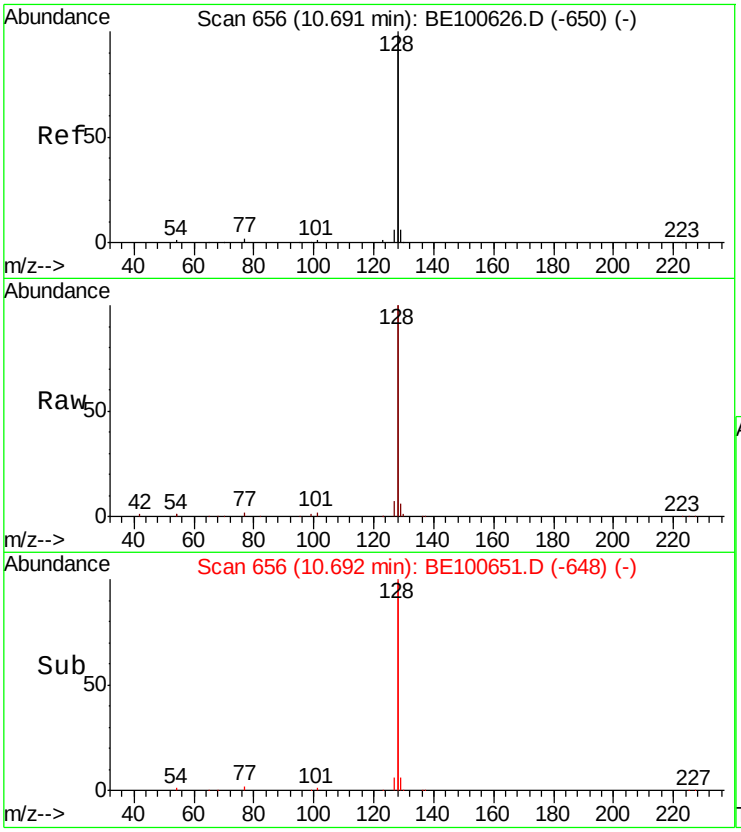


#8
Nitrobenzene-d5
Concen: 0.589 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion: 82 Resp: 8481

Ion	Ratio	Lower	Upper
82	100		
128	108.6	90.7	136.1
54	252.5	210.9	316.3



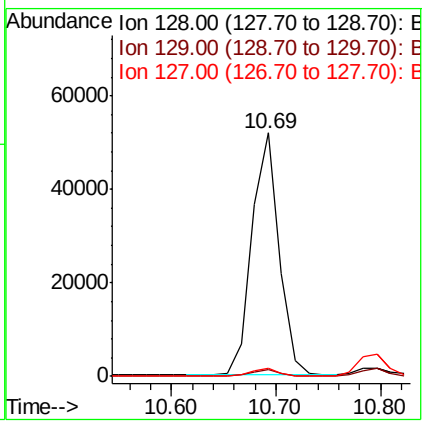


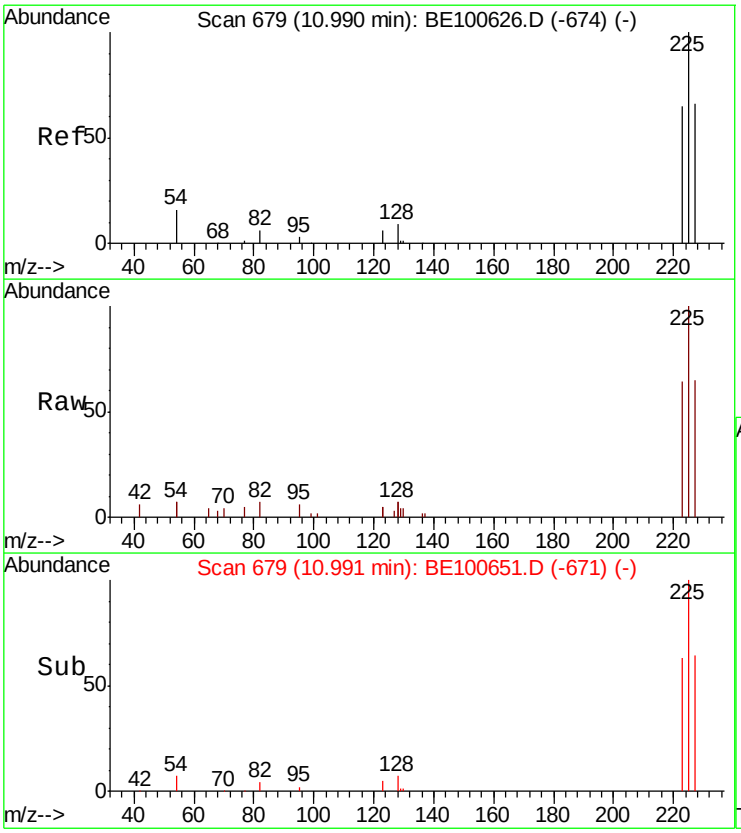
#9
Naphthalene
Concen: 0.383 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 93622

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.3	2.6	3.8

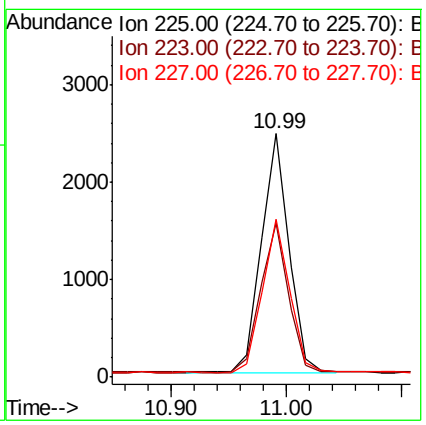


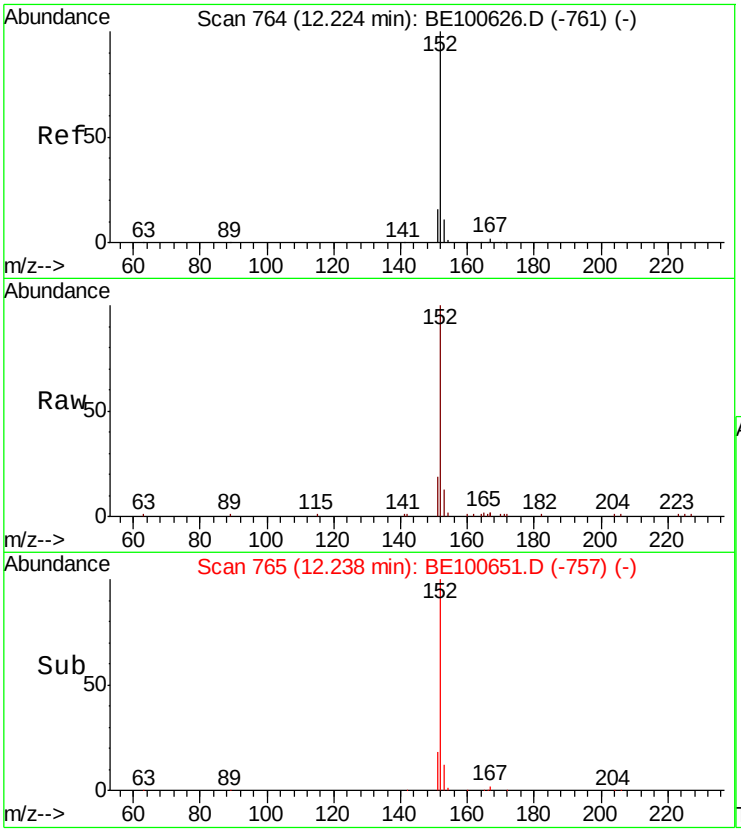


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:225 Resp: 4108

Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.2	76.8
227	63.8	51.8	77.8



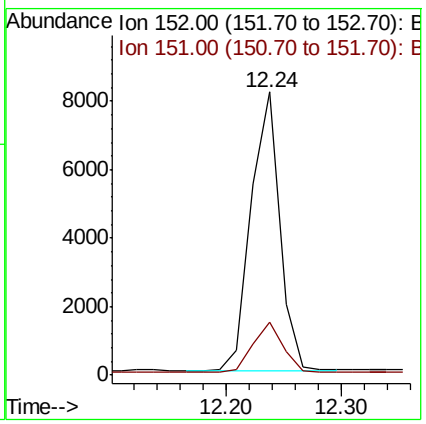


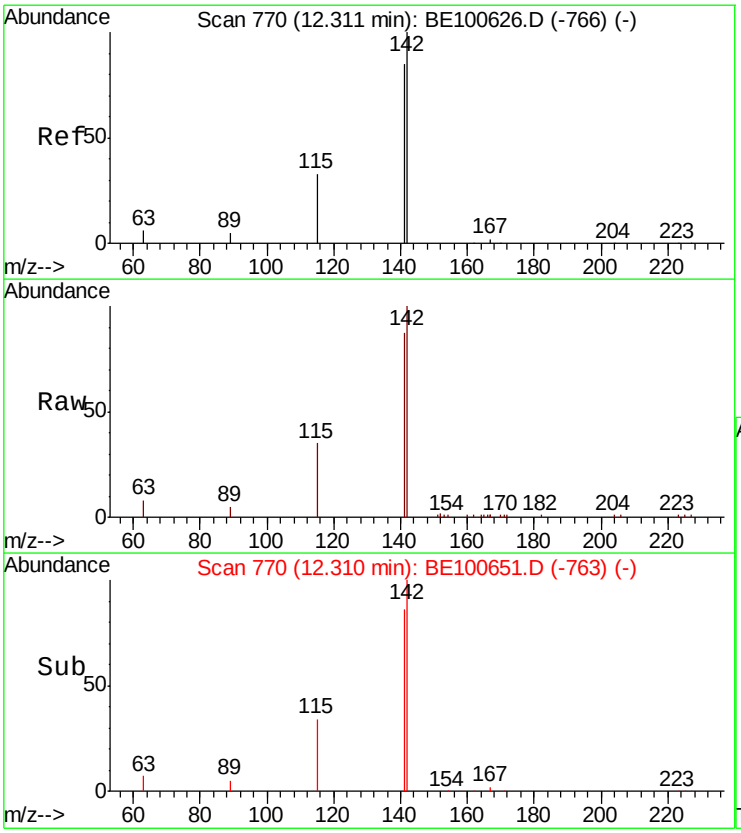
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 14068

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

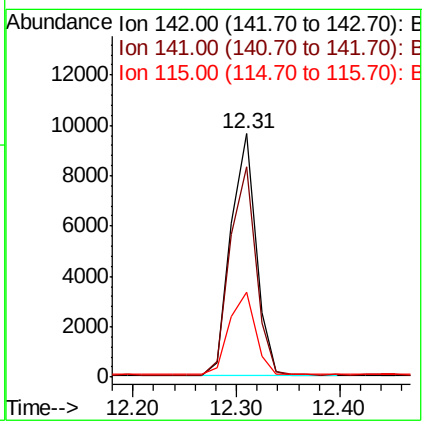


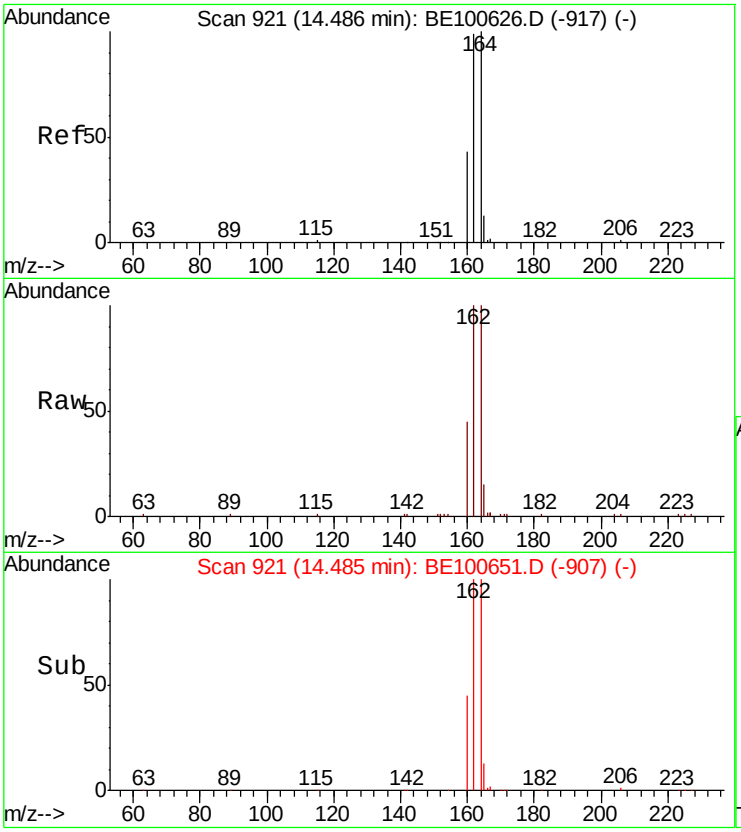


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:142 Resp: 16277

Ion	Ratio	Lower	Upper
142	100		
141	86.6	68.3	102.5
115	34.7	27.5	41.3



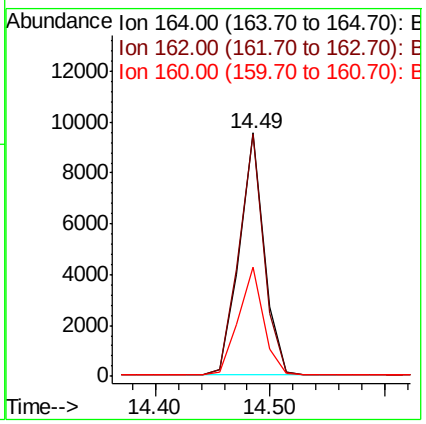


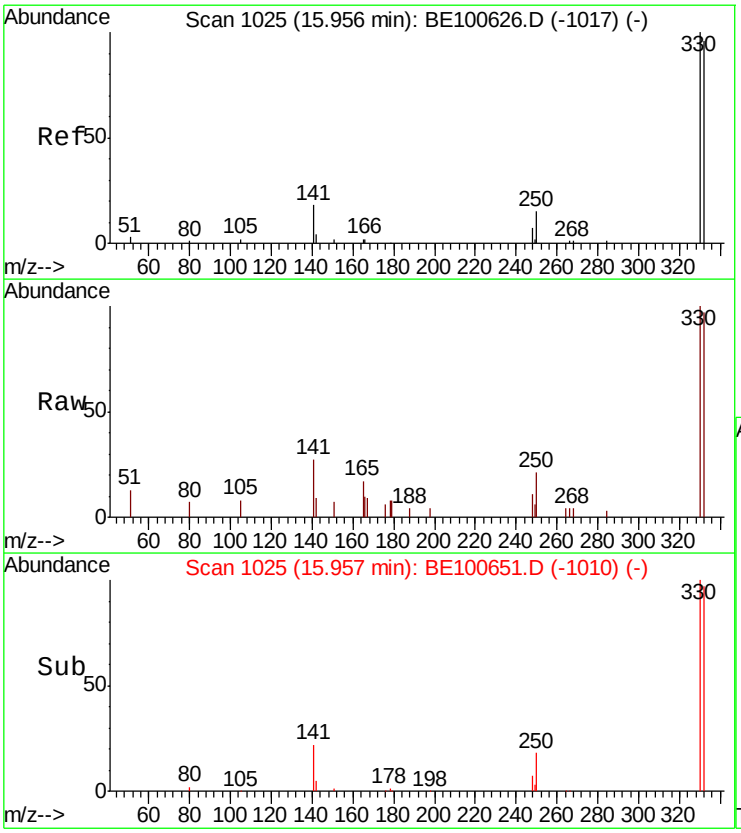
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 14223

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.1	118.7
160	45.0	34.7	52.1

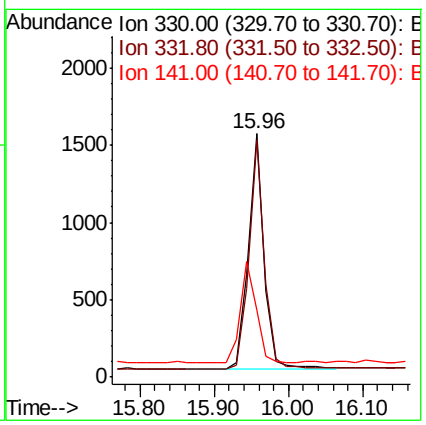


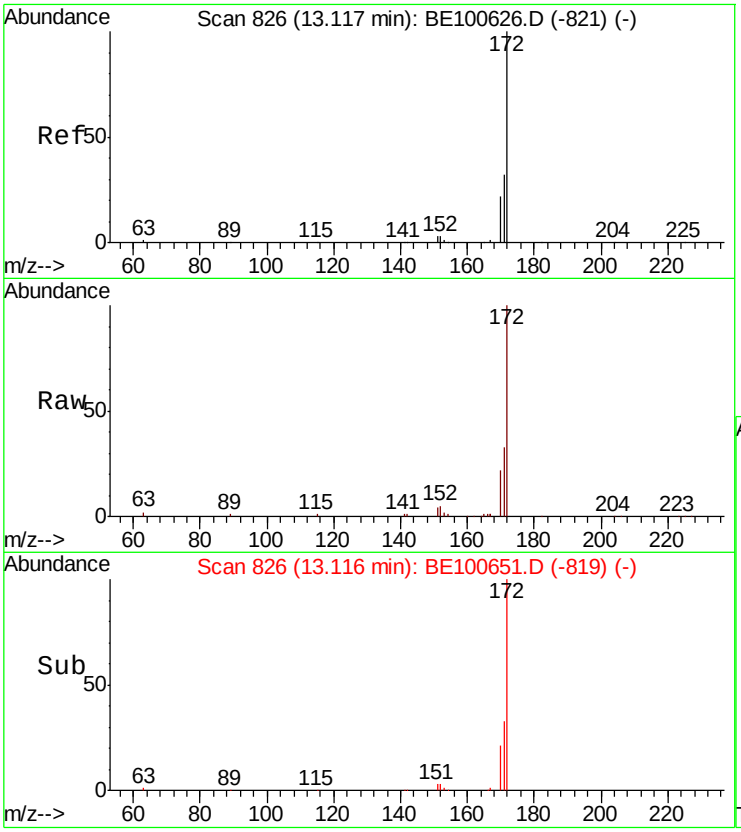


#14
2,4,6-Tribromophenol
Concen: 0.603 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:330 Resp: 2268

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.2	112.8
141	43.3	37.5	56.3



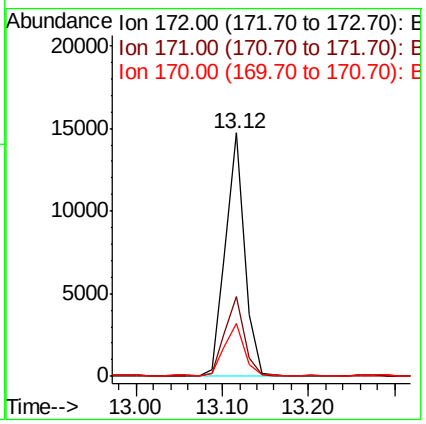


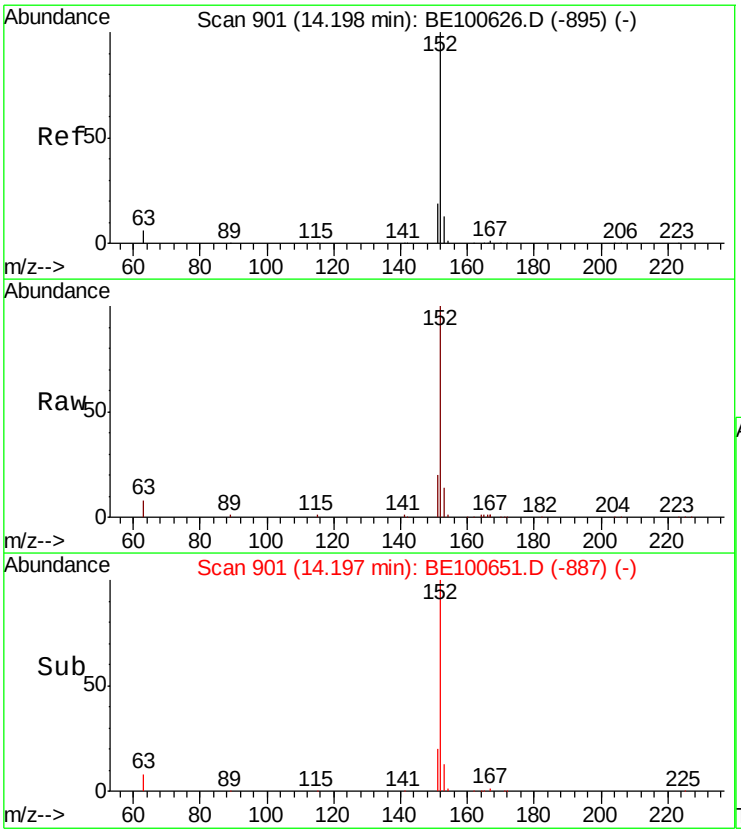
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 22271

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.2	39.4
170	21.6	17.5	26.3

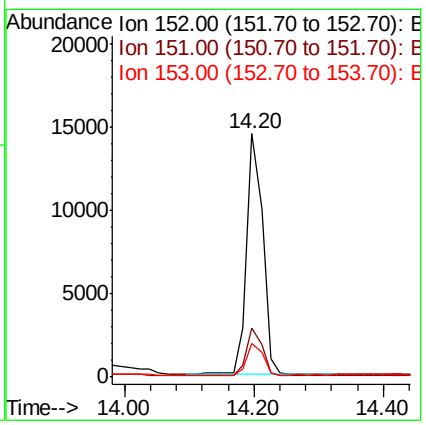


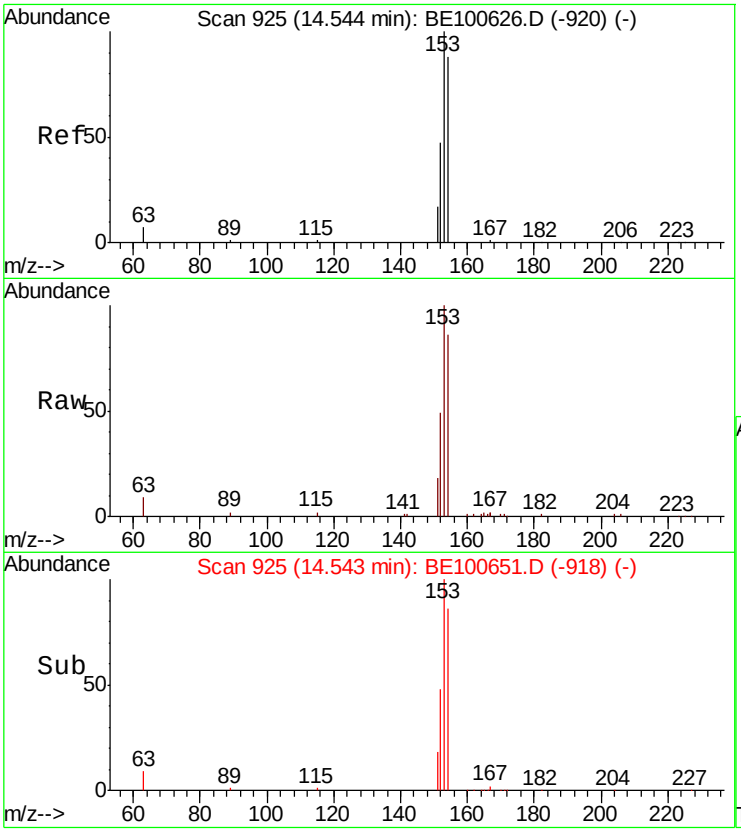


#16
Acenaphthylene
Concen: 0.407 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:152 Resp: 24879

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.3	10.5	15.7



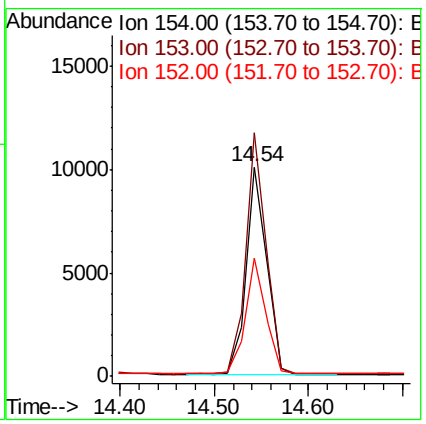


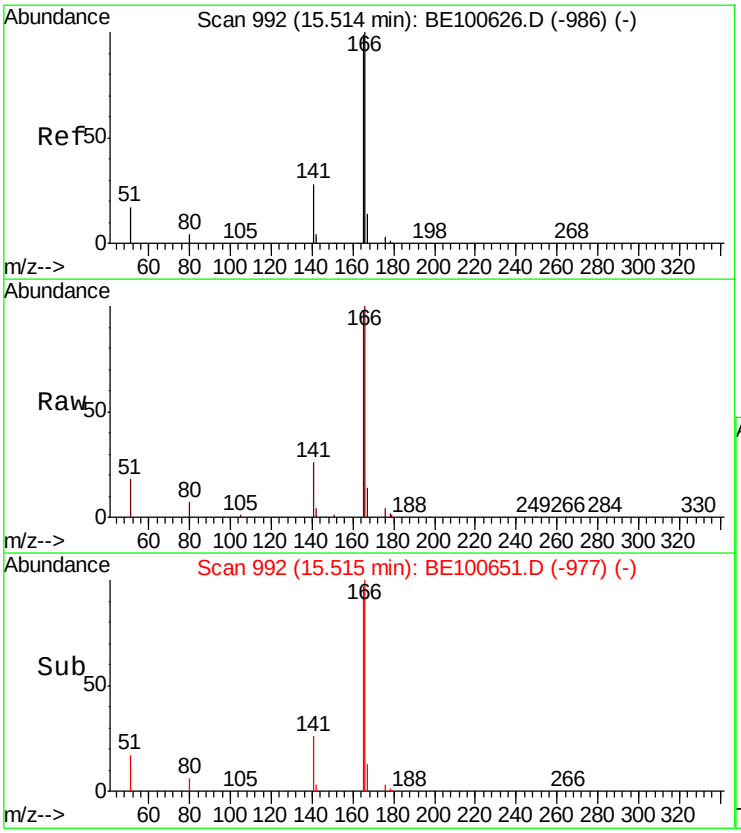
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 15350

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.4	137.2
152	55.1	44.0	66.0

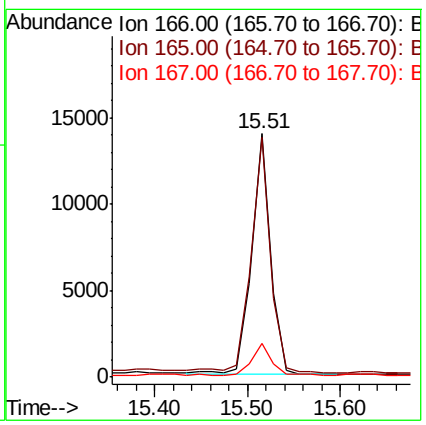


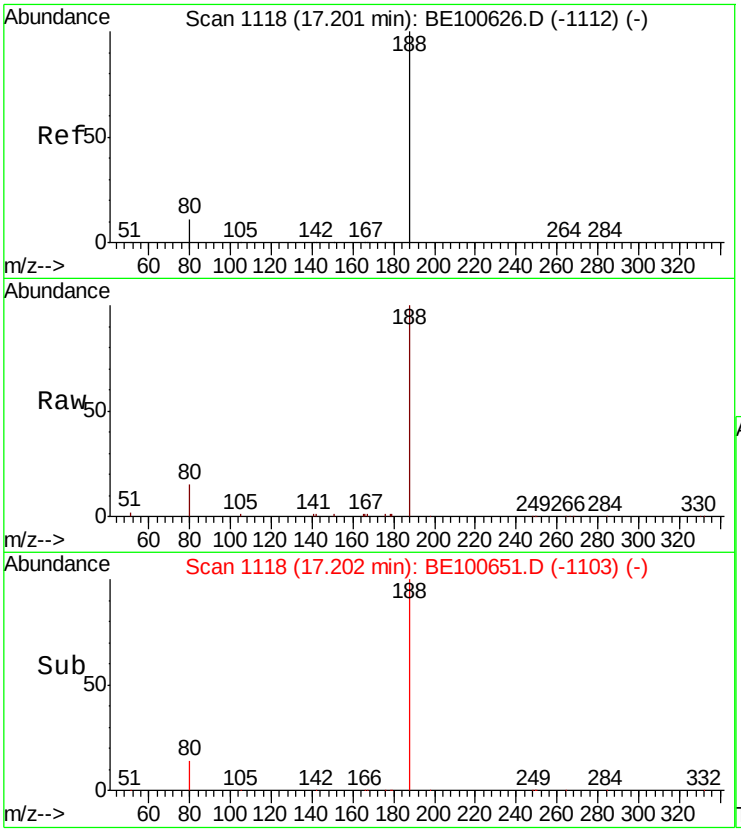


#18
Fluorene
Concen: 0.381 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:166 Resp: 20019

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.9	118.3
167	13.3	10.9	16.3



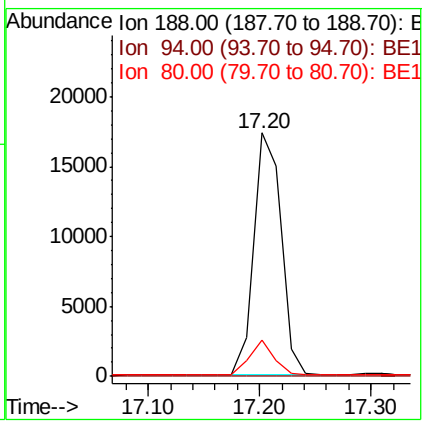


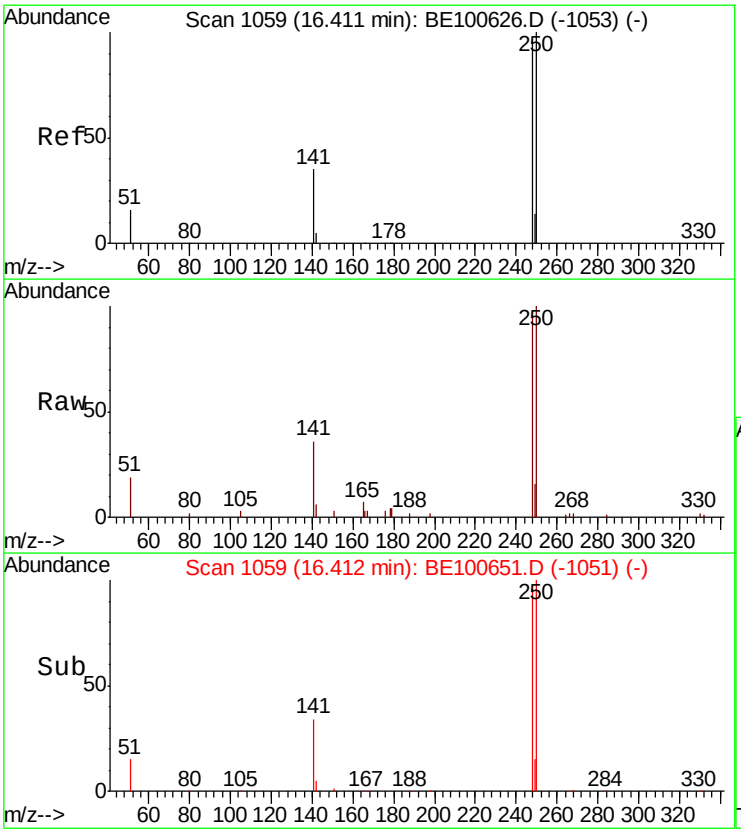
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 29808

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.8	9.4	14.2#

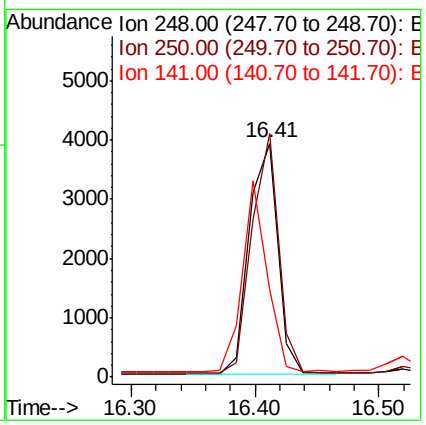


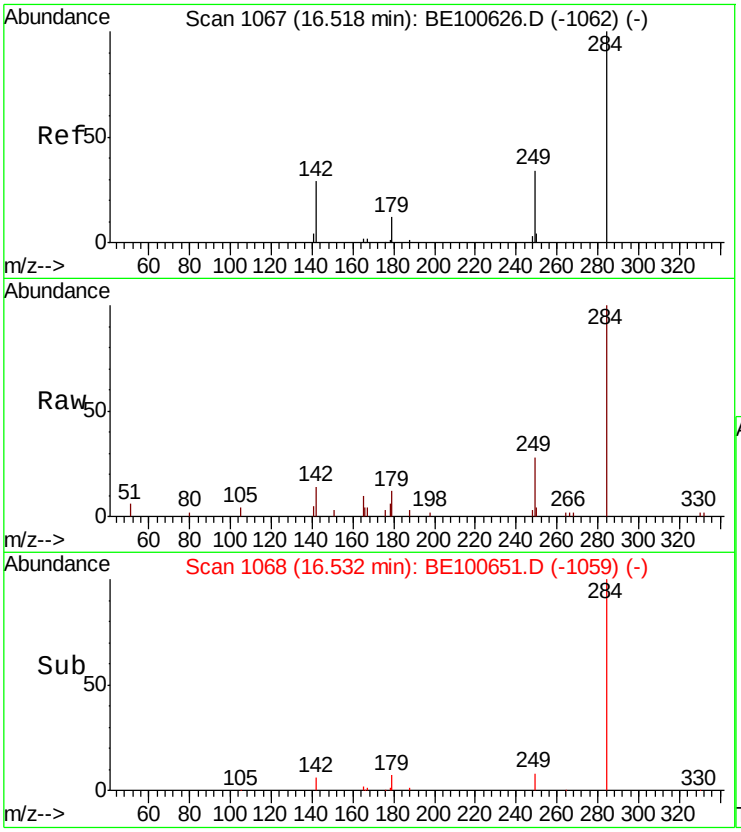


#20
4-Bromophenyl-phenylether
Concen: 0.411 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:248 Resp: 6236

Ion	Ratio	Lower	Upper
248	100		
250	104.2	83.4	125.2
141	37.3	30.8	46.2



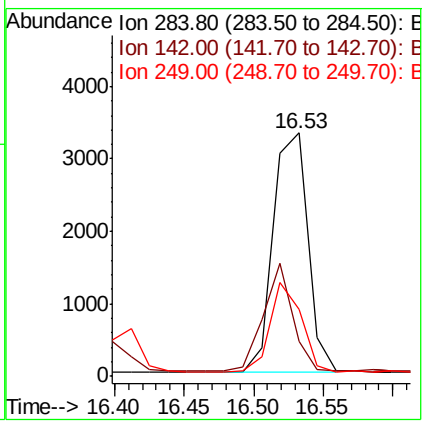


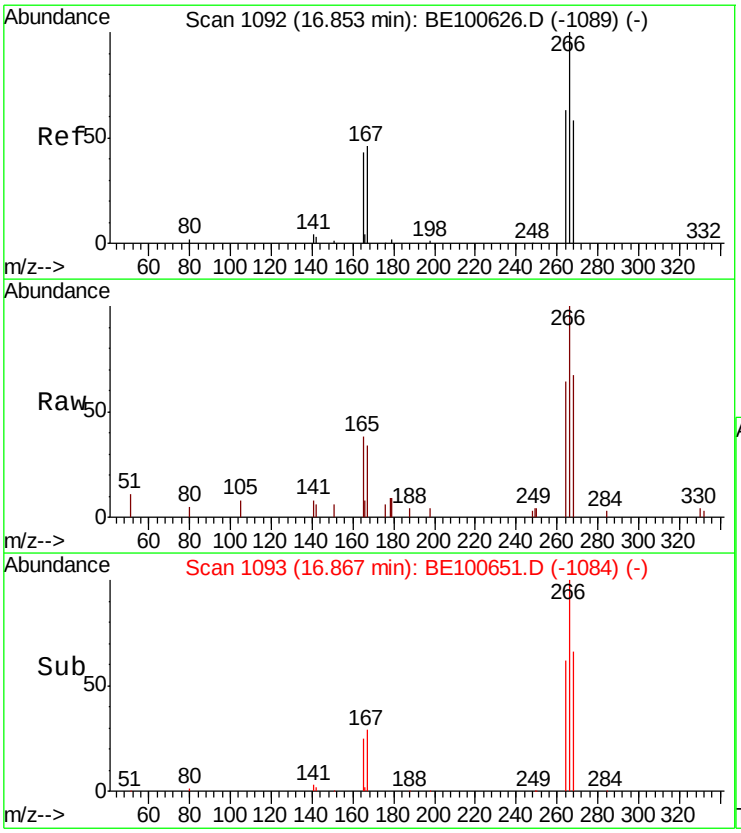
#21
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5752

Ion	Ratio	Lower	Upper
284	100		
142	37.1	29.8	44.8
249	33.6	27.3	40.9

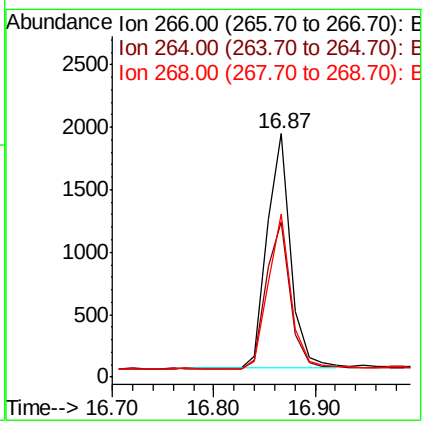


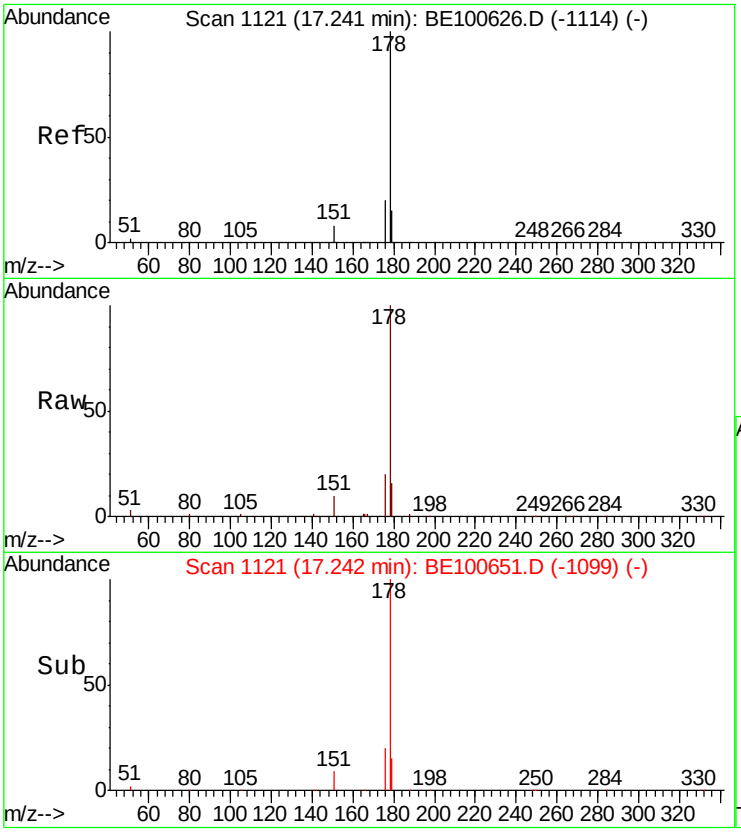


#22
Pentachlorophenol
Concen: 0.655 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:266 Resp: 3048

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.7	76.1
268	67.0	48.5	72.7



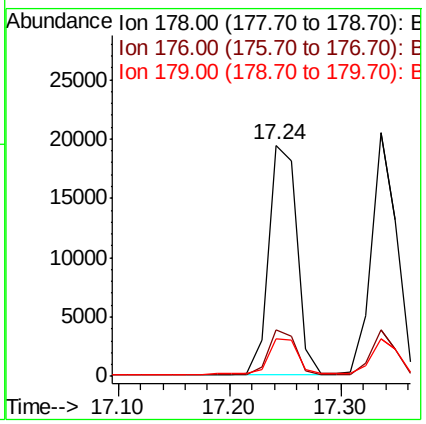


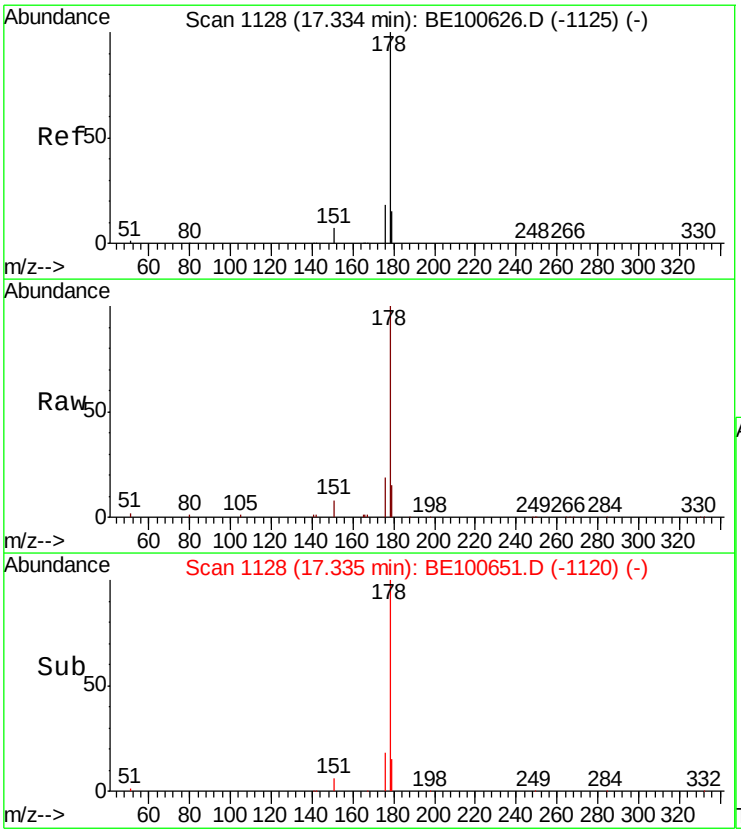
#23
Phenanthrene
Concen: 0.420 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 34412

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.1	12.4	18.6

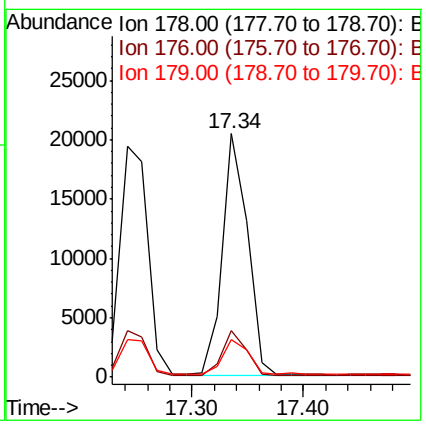


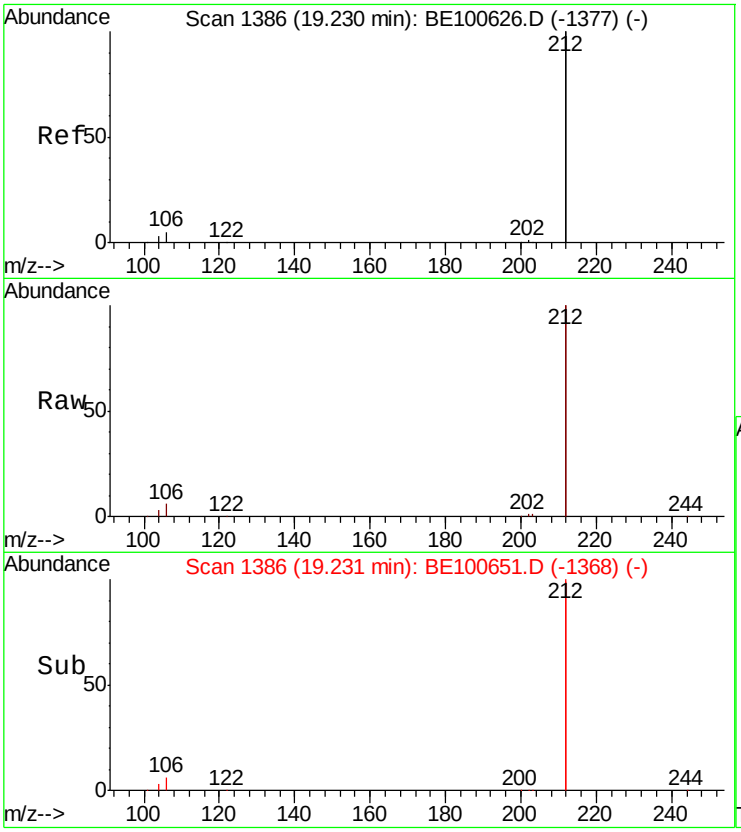


#24
Anthracene
Concen: 0.419 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:178 Resp: 31874

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.7	12.4	18.6



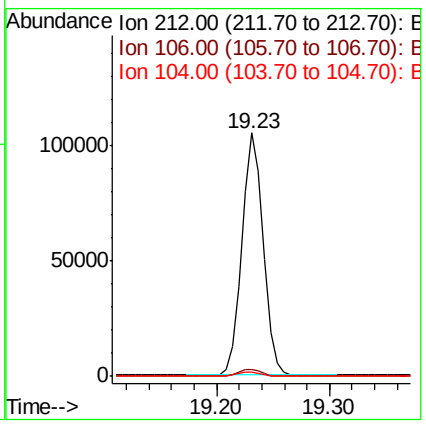


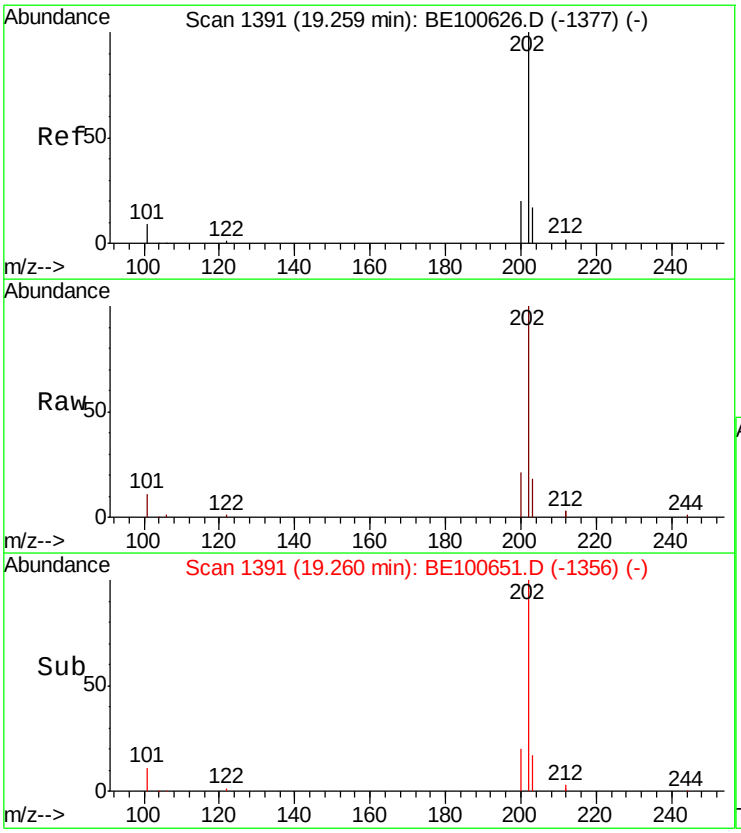
#25
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 139041

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.2	3.4
104	1.6	1.3	1.9

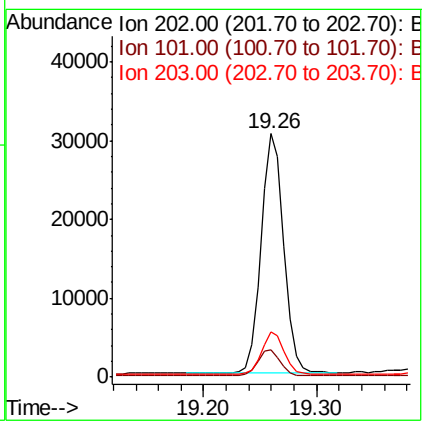


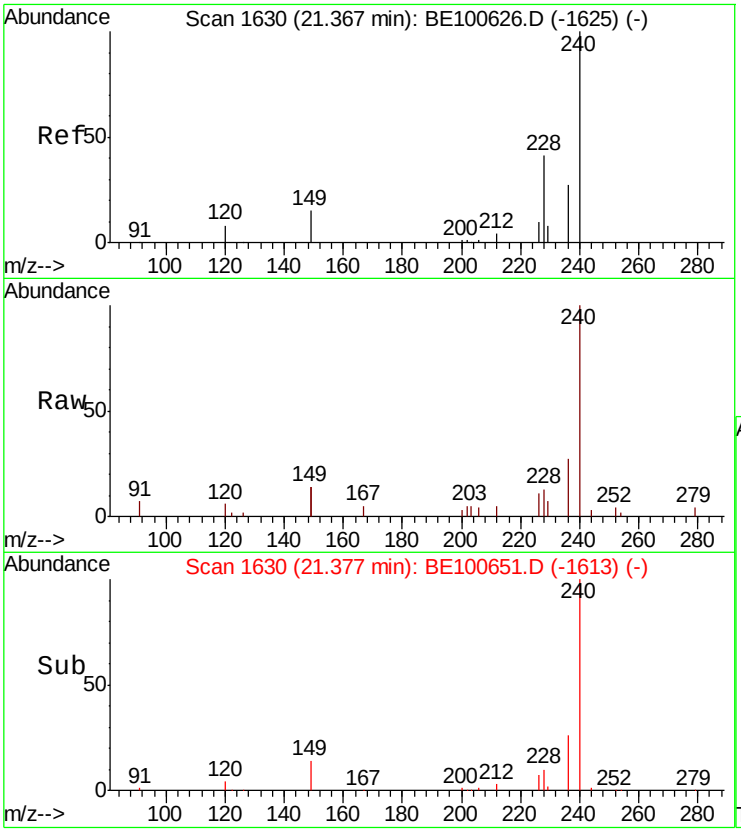


#26
Fluoranthene
Concen: 0.400 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:202 Resp: 42786

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	17.2	13.8	20.6



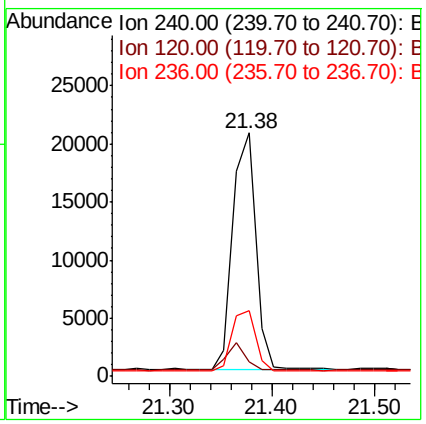


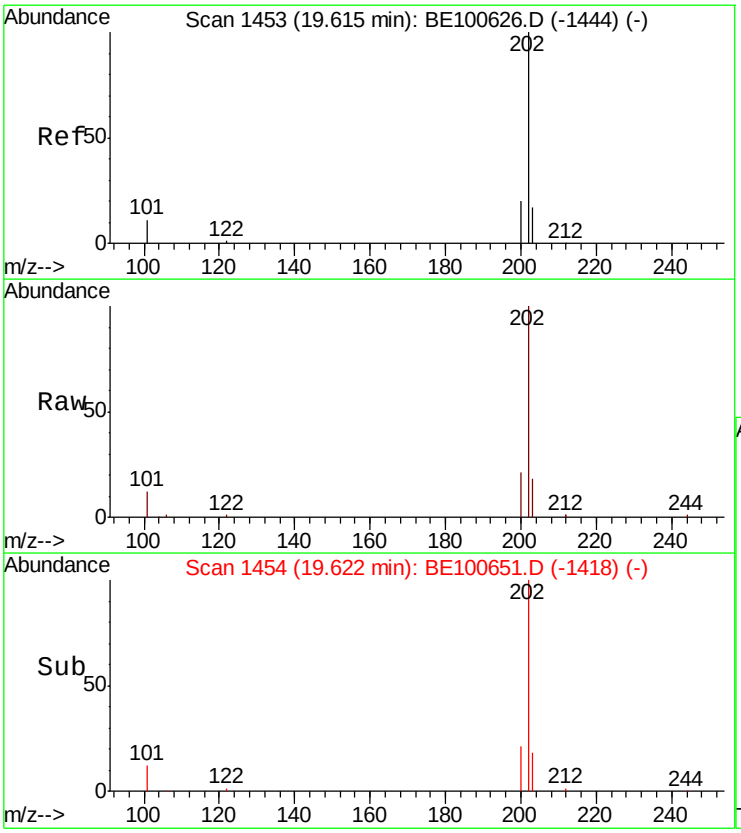
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 31249

Ion	Ratio	Lower	Upper
240	100		
120	6.0	7.4	11.0#
236	26.9	21.7	32.5

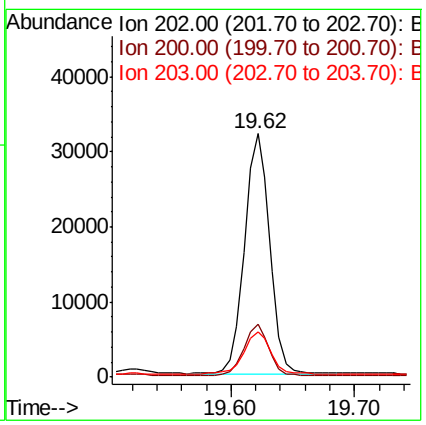


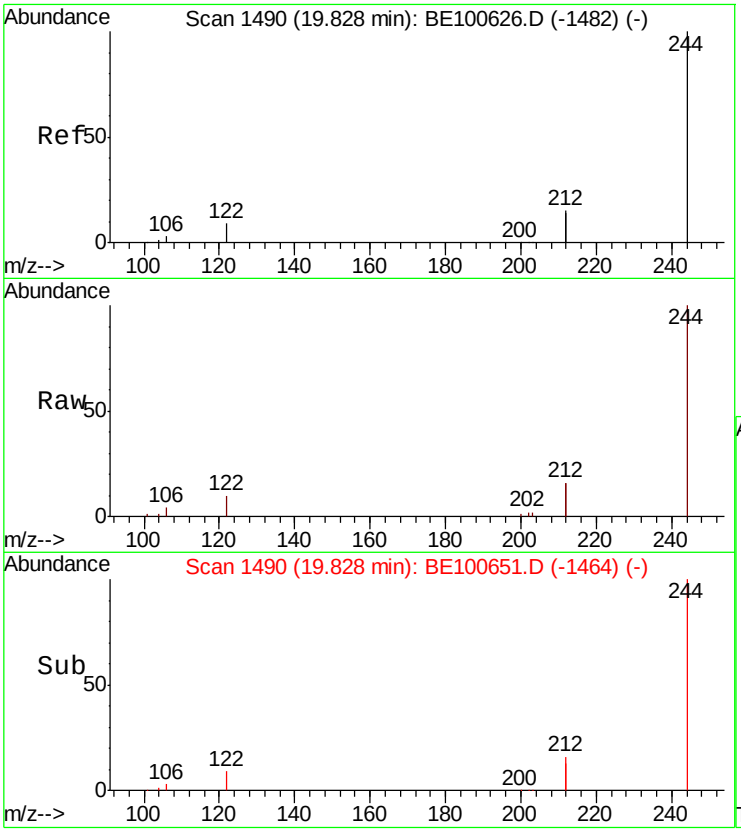


#28
Pyrene
Concen: 0.518 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:202 Resp: 45192

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	18.8	13.9	20.9



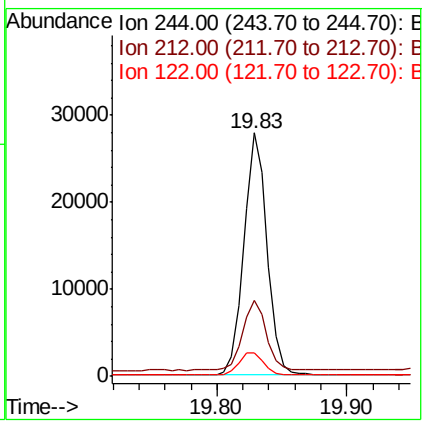


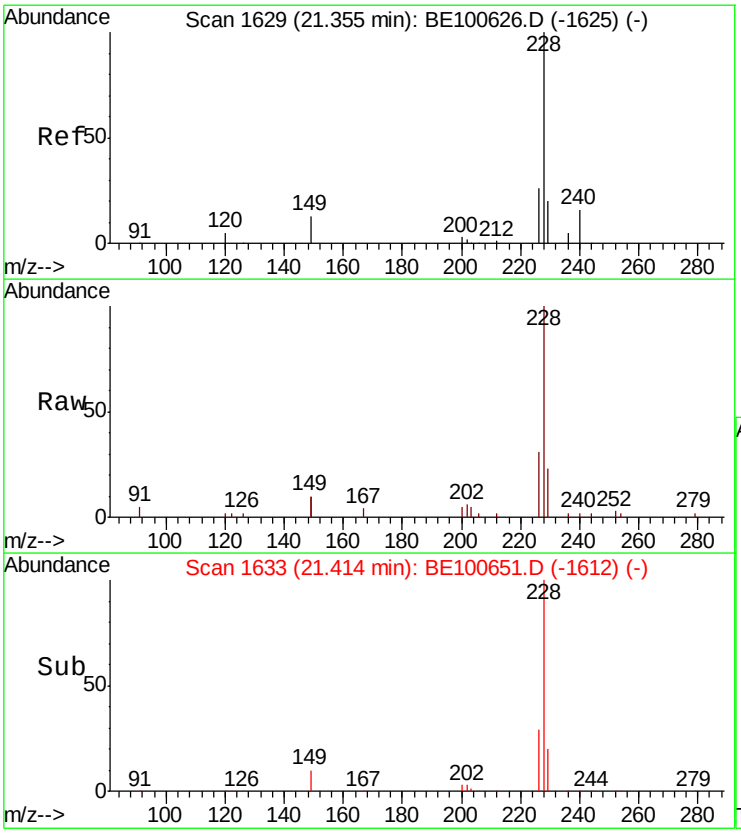
#29
Terphenyl-d14
Concen: 0.501 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 34209

Ion	Ratio	Lower	Upper
244	100		
212	31.4	23.9	35.9
122	9.9	7.7	11.5

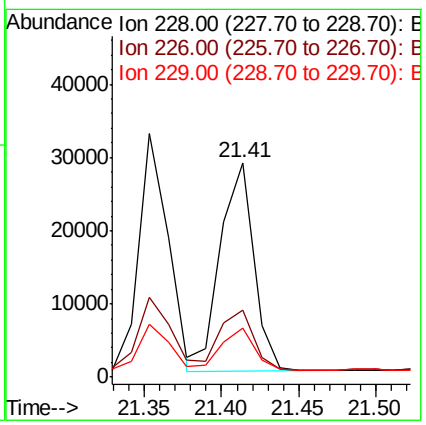


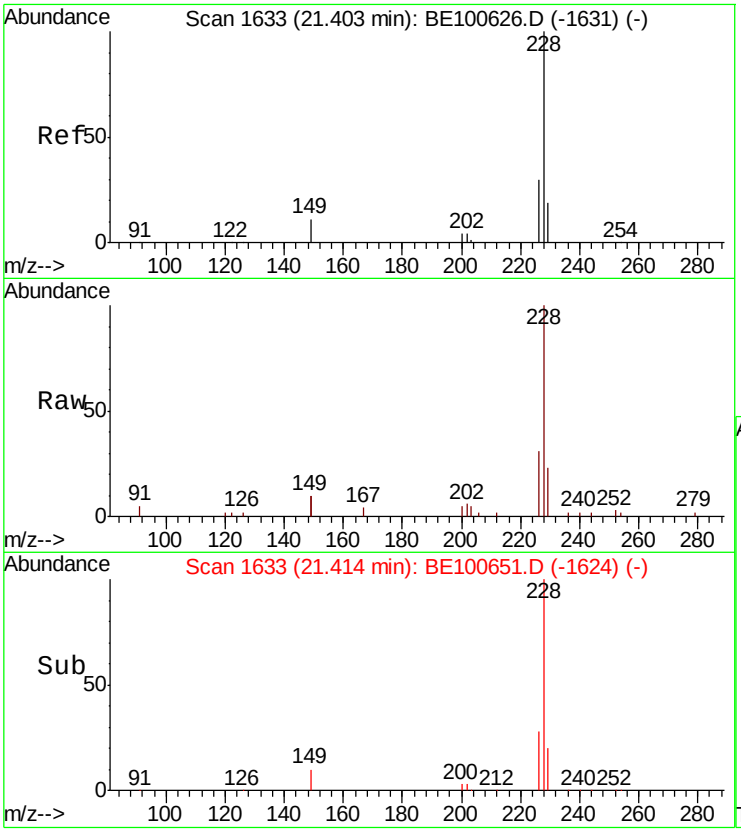


#30
Benzo(a)anthracene
Concen: 0.419 ng
RT: 21.41 min Scan# 1633
Delta R.T. 0.06 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:228 Resp: 42708

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.0	31.6
229	22.7	15.8	23.8



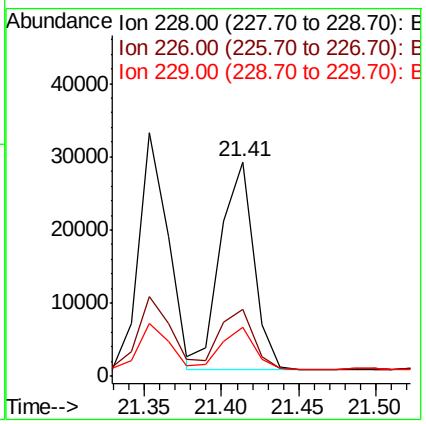


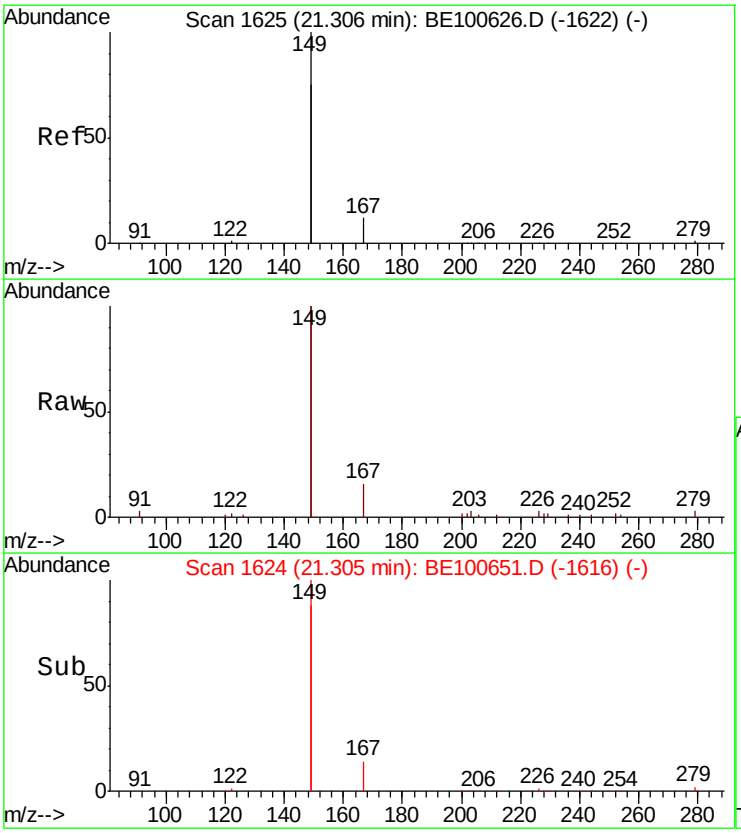
#31
Chrysene
Concen: 0.417 ng
RT: 21.41 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 42499

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.5	36.7
229	22.7	15.6	23.4

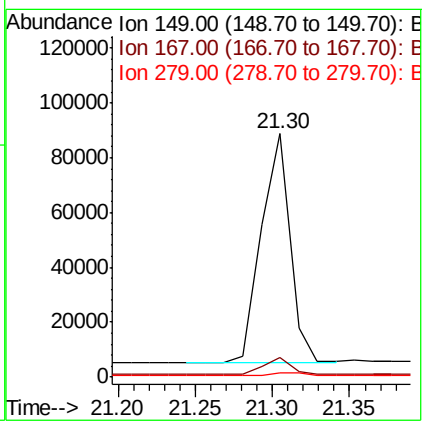


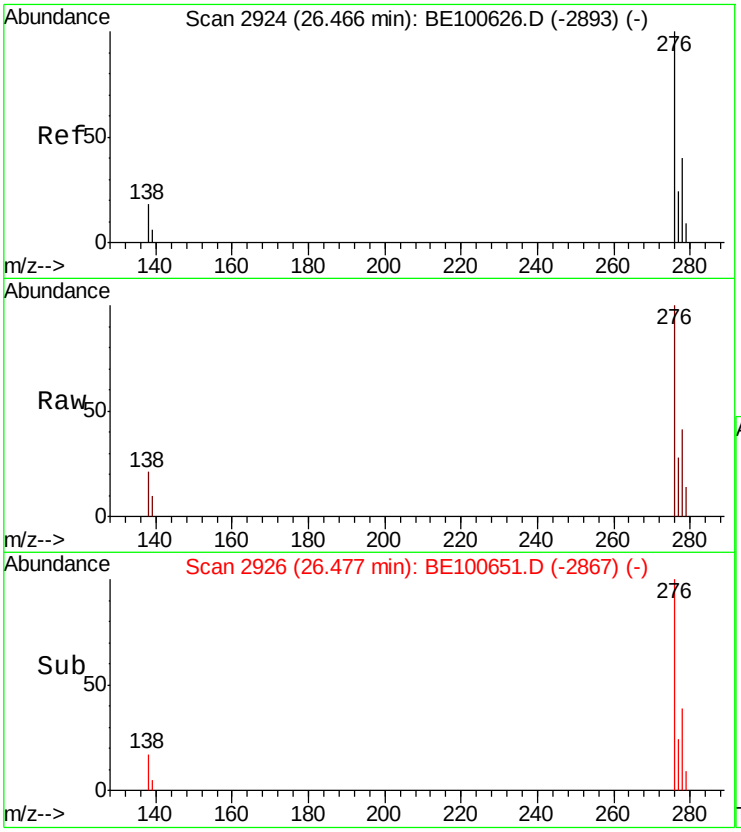


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.510 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:149 Resp: 108683

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	1.2	1.5	2.3#



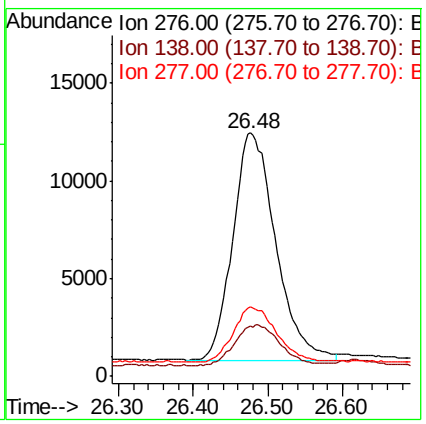


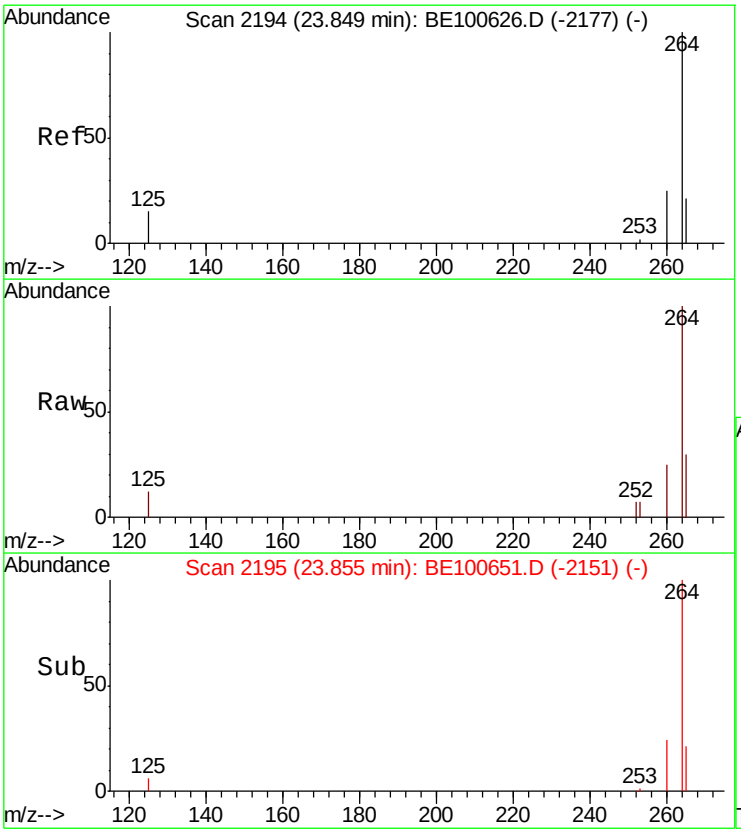
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng
RT: 26.48 min Scan# 2926
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 46440

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.0	24.0
277	24.5	19.7	29.5

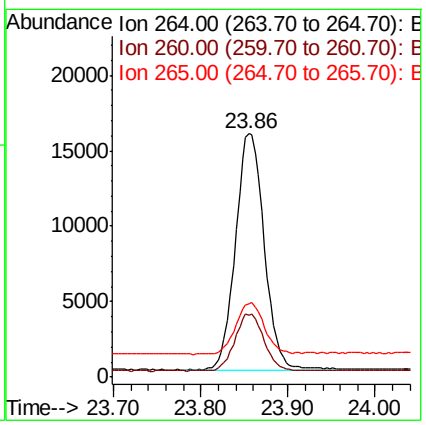


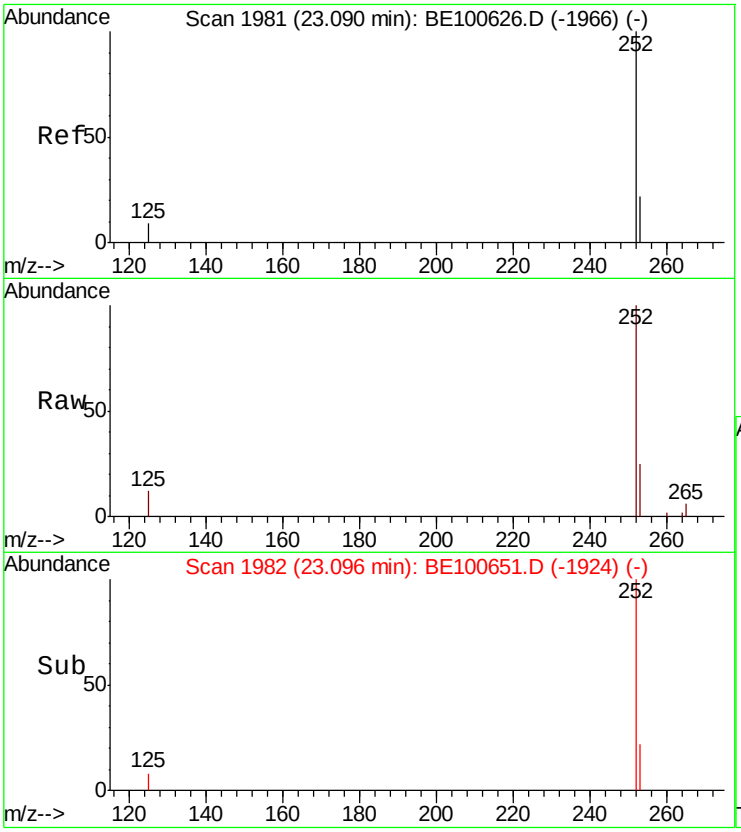


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:264 Resp: 35809

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.9	29.9
265	30.4	20.0	30.0#



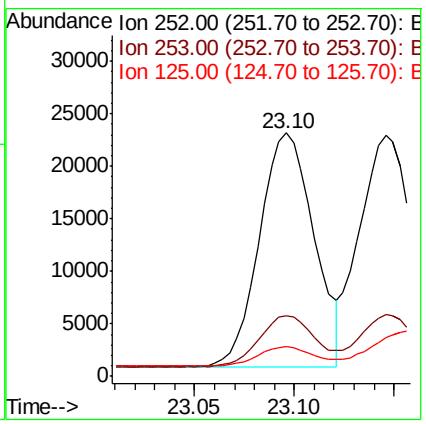


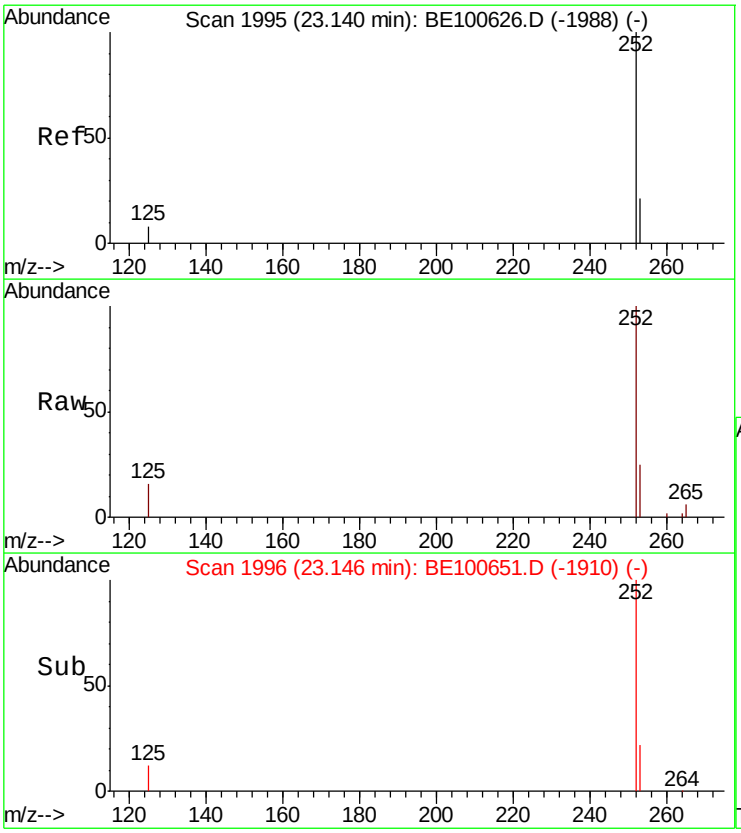
#35
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.10 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 42565

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	12.1	7.6	11.4#

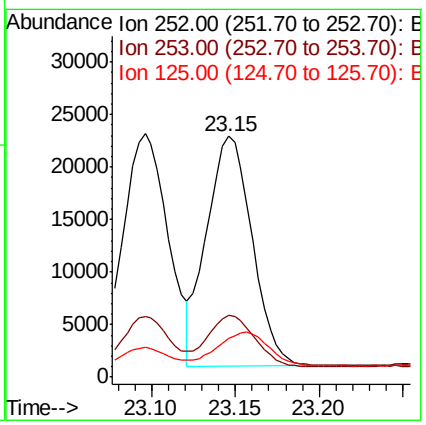


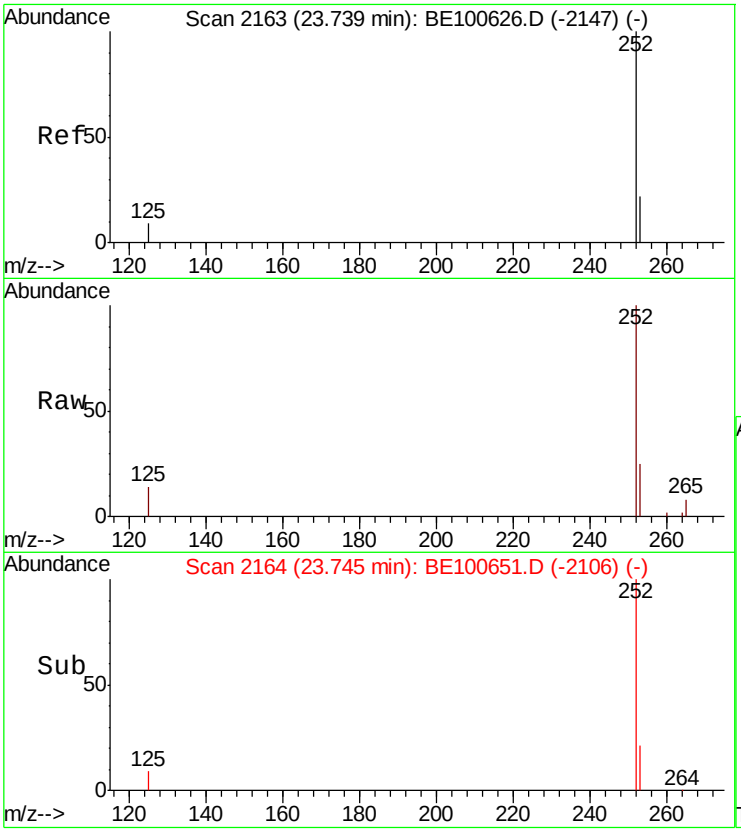


#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.15 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:252 Resp: 41563

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	16.1	7.6	11.4#



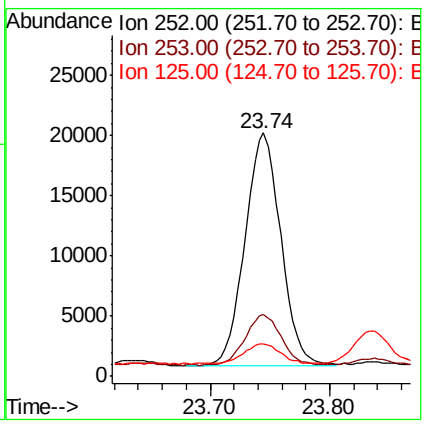


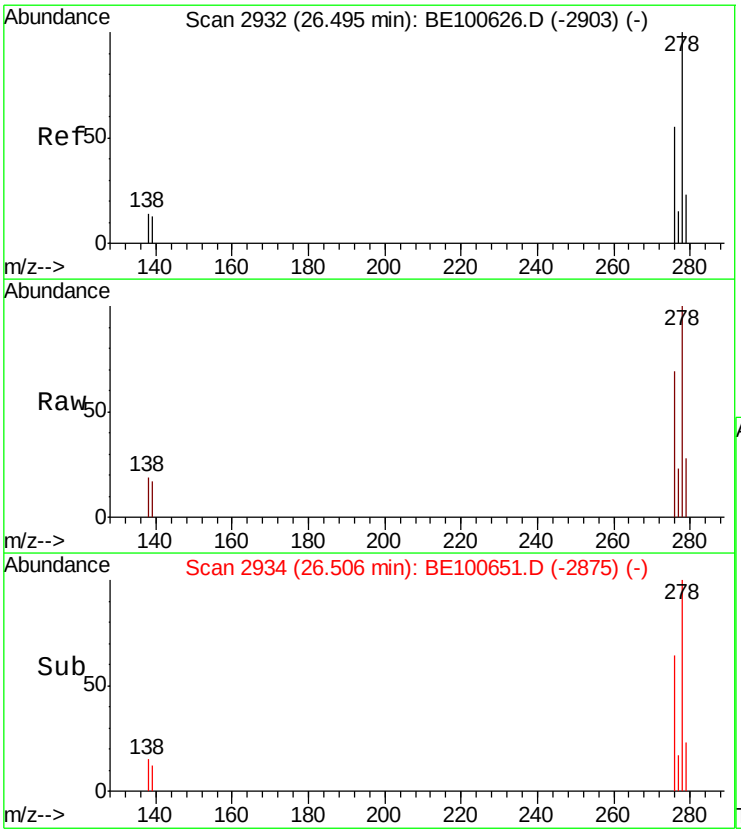
#37
Benzo(a)pyrene
Concen: 0.415 ng
RT: 23.74 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 40312

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	13.6	8.1	12.1#

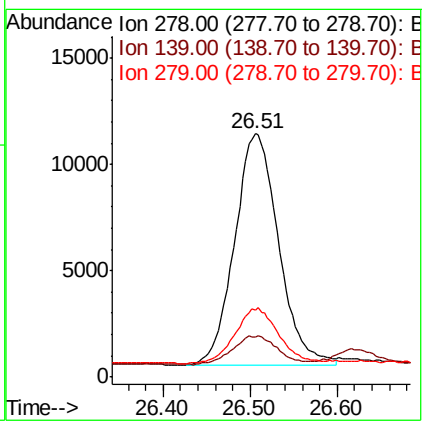


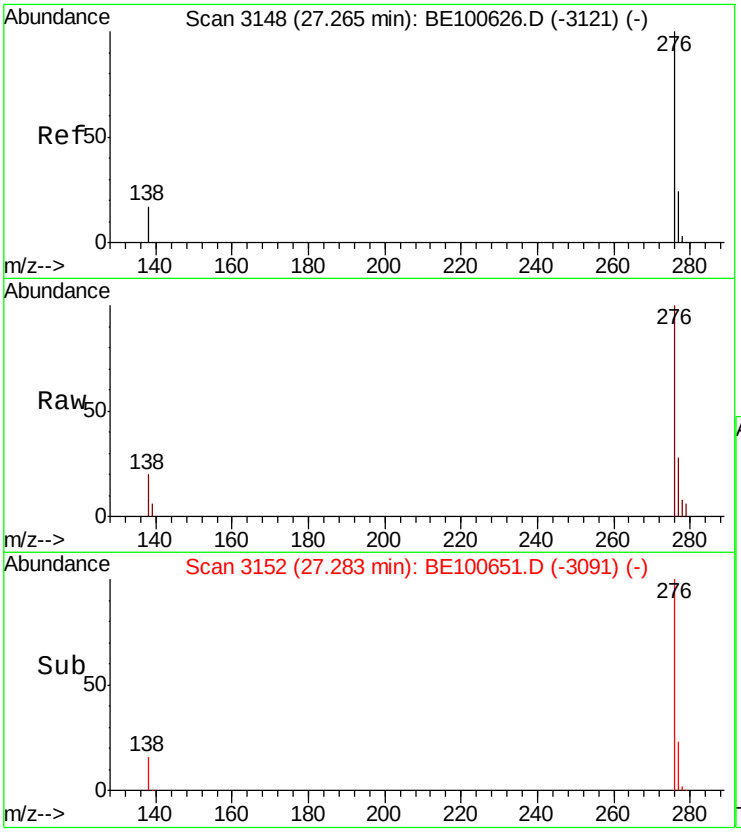


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 26.51 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Tgt Ion:278 Resp: 38290

Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.2	16.8
279	27.7	19.0	28.6





#39
Benzo(g,h,i)perylene
Concen: 0.362 ng
RT: 27.28 min Scan# 3152
Delta R.T. 0.02 min
Lab File: BE100651.D
Acq: 15 Oct 2019 16:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 36611

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.3	28.9
138	20.3	14.5	21.7