Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100614.D
Acq On : 8 Oct 2019 18:28
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 09 01:46:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3725	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	17858	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	10874	0.40	ng		0.00
19) Phenanthrene-d10	17.17	188	24161	0.40	ng		0.00
27) Chrysene-d12	21.33	240	30680	0.40	ng		0.00
34) Perylene-d12	23.79	264	35971	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	4445	0.44	ng		0.00
5) Phenol-d6	6.99	99	5710	0.45	ng		0.00
8) Nitrobenzene-d5	8.96	82	4563	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	10556	0.39	ng		-0.02
14) 2,4,6-Tribromophenol	15.93	330	1010	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	14958	0.38	ng		0.00
25) Fluoranthene-d10	19.20	212	116384	0.39	ng		0.00
29) Terphenyl-d14	19.79	244	28310	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	2467	0.393	ng		95
3) n-Nitrosodimethylamine	3.61	42	1283	0.435	ng	#	92
6) bis(2-Chloroethyl)ether	7.24	93	4693	0.401	ng		97
9) Naphthalene	10.65	128	72494	0.394	ng		100
10) Hexachlorobutadiene	10.95	225	2228	0.375	ng		96
12) 2-Methylnaphthalene	12.28	142	12163	0.402	ng		96
16) Acenaphthylene	14.17	152	17878	0.387	ng		100
17) Acenaphthene	14.51	154	12187	0.394	ng		98
18) Fluorene	15.49	166	15303	0.387	ng		99
20) 4-Bromophenyl-phenylether	16.37	248	4544	0.380	ng	#	91
21) Hexachlorobenzene	16.49	284	3787	0.376	ng		97
22) Pentachlorophenol	16.84	266	1162	0.590	ng		95
23) Phenanthrene	17.21	178	27590	0.401	ng		100
24) Anthracene	17.31	178	22801	0.385	ng		99
26) Fluoranthene	19.22	202	33558	0.396	ng		100
28) Pyrene	19.59	202	35380	0.450	ng		100
30) Benzo(a)anthracene	21.32	228	34142	0.398	ng		99
31) Chrysene	21.37	228	35851	0.391	ng		97
32) Bis(2-ethylhexyl)phthalate	21.26	149	74235	0.453	ng		100
33) Indeno(1,2,3-cd)pyrene	26.37	276	41781	0.387	ng		99
35) Benzo(b)fluoranthene	23.03	252	36108	0.370	ng		99
36) Benzo(k)fluoranthene	23.08	252	40223	0.363	ng	#	97
37) Benzo(a)pyrene	23.67	252	34105	0.381	ng		99
38) Dibenzo(a,h)anthracene	26.40	278	34636	0.368	ng		99
39) Benzo(g,h,i)perylene	27.16	276	35388	0.371	ng		100

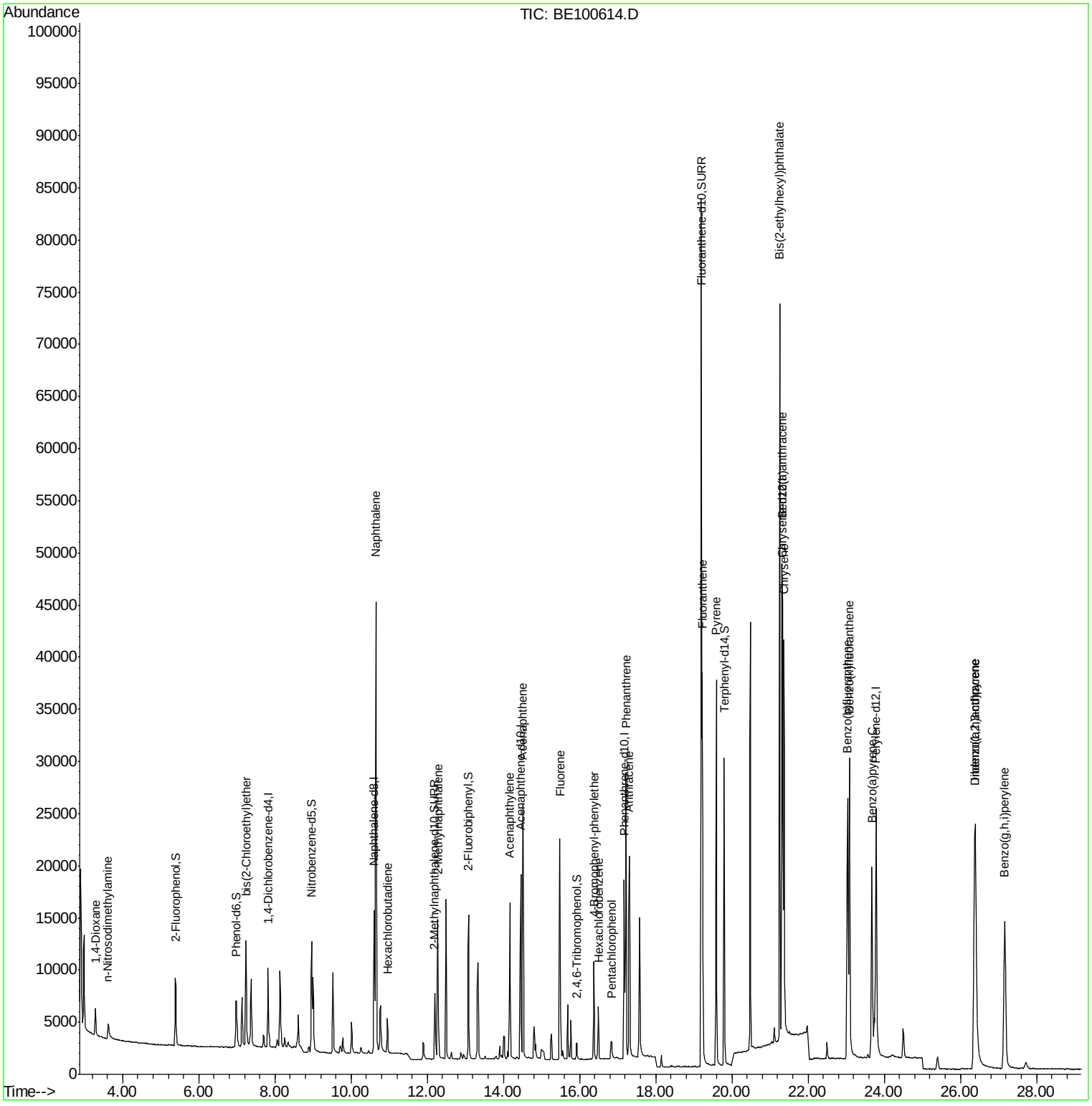
(#) = qualifier out of range (m) = manual integration (+) = signals summed

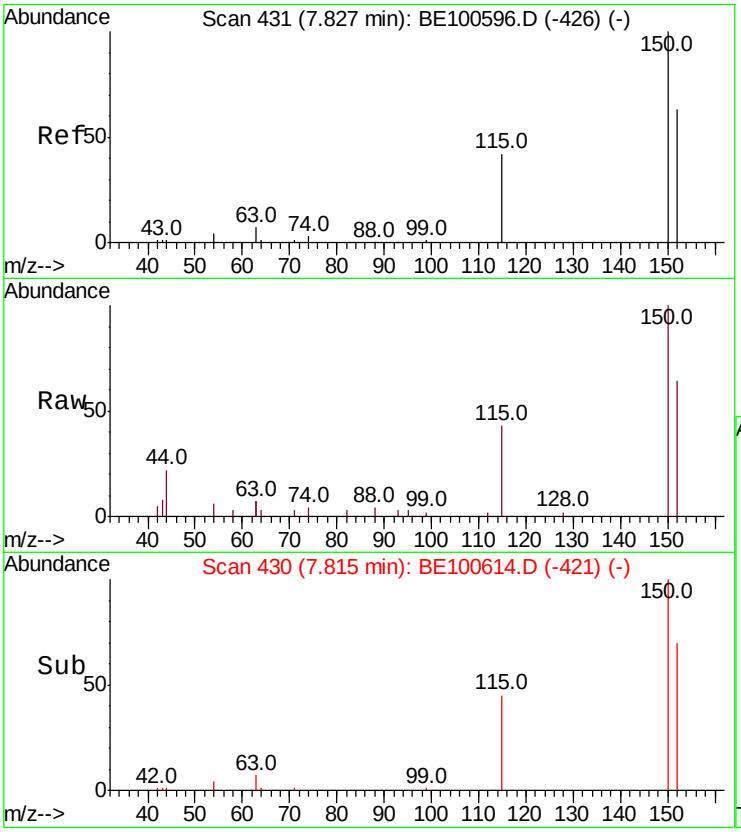
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100614.D
Acq On : 8 Oct 2019 18:28
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 09 01:46:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration



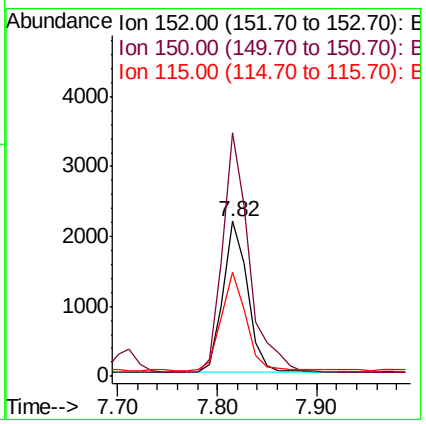


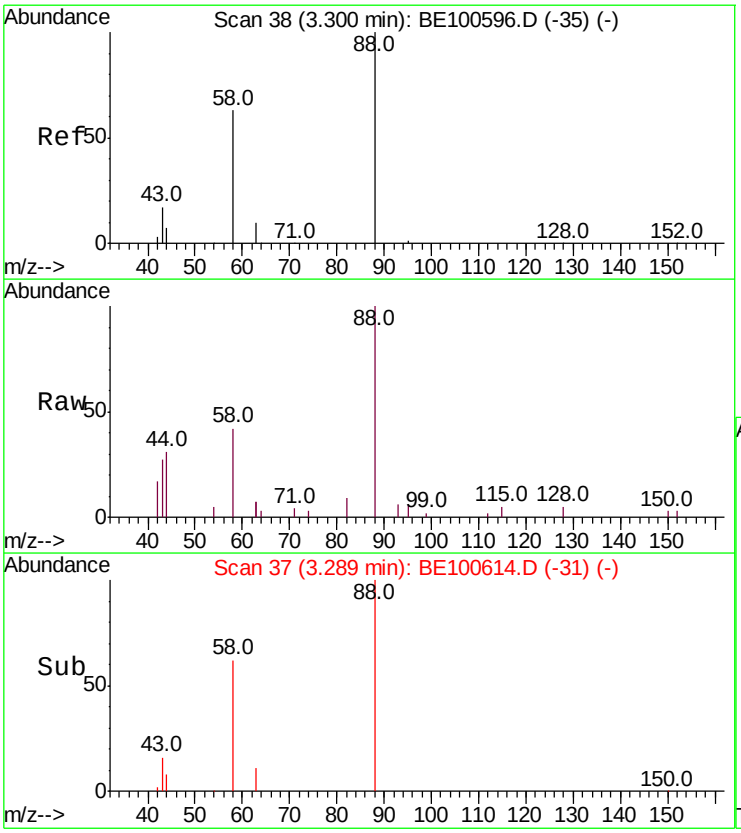
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3725

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.5	189.7
115	67.2	54.6	81.8

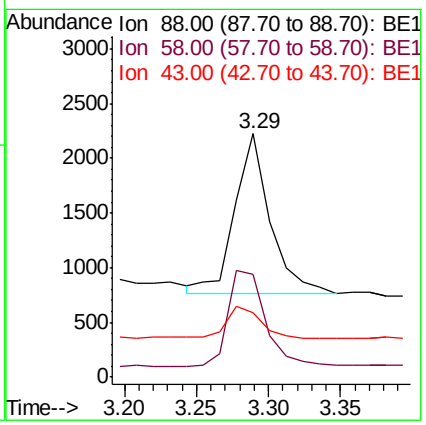


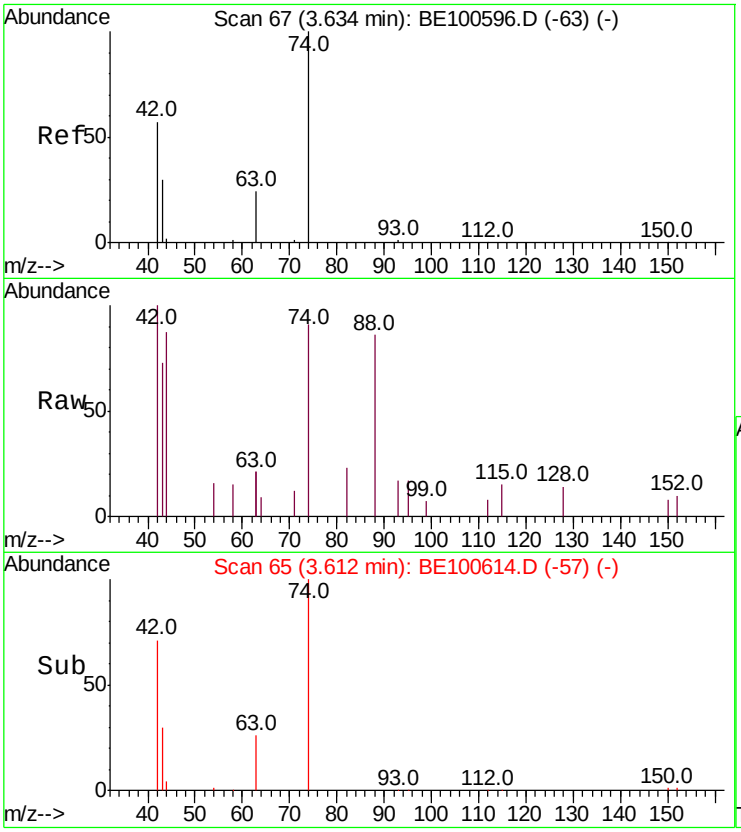


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion: 88 Resp: 2467

Ion	Ratio	Lower	Upper
88	100		
58	63.9	48.1	72.1
43	19.8	14.4	21.6



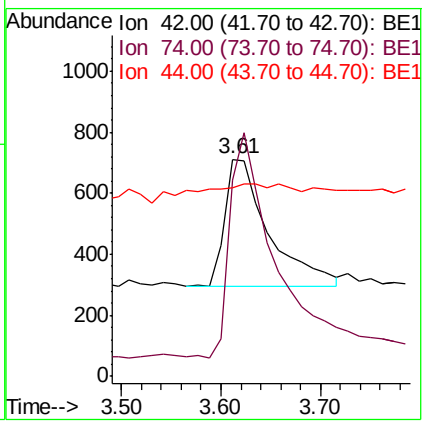


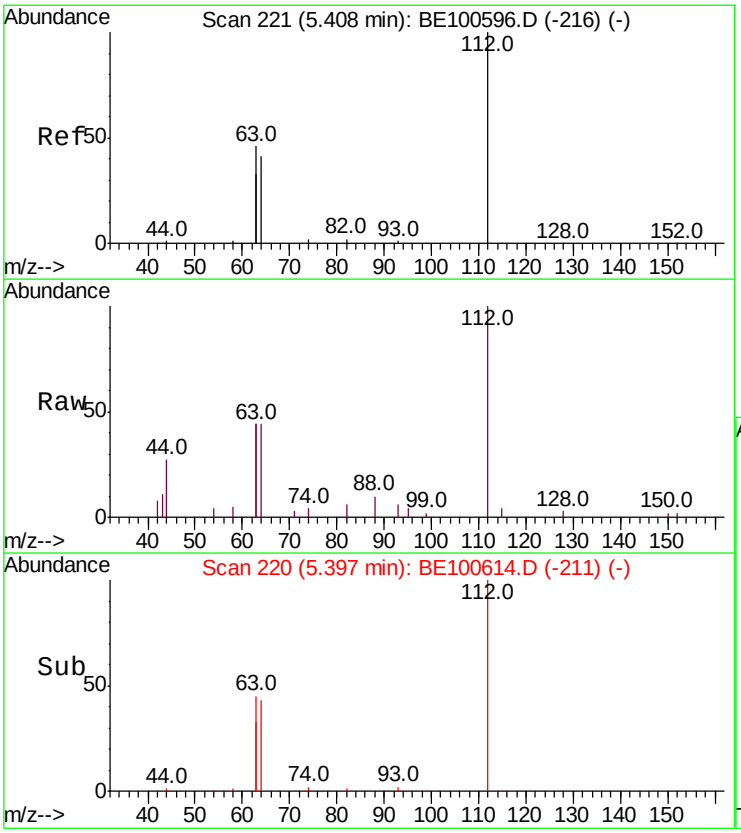
#3
n-Nitrosodimethylamine
Concen: 0.435 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.01 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1283

Ion	Ratio	Lower	Upper
42	100		
74	180.9	136.2	204.2
44	15.3	7.4	11.0#

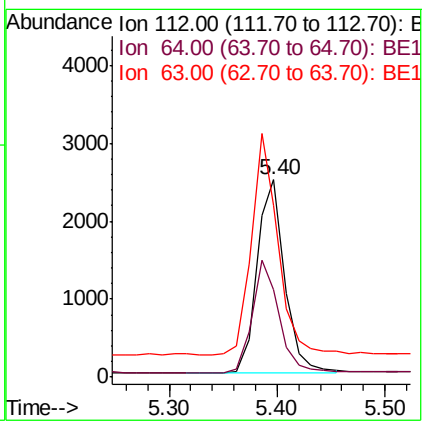


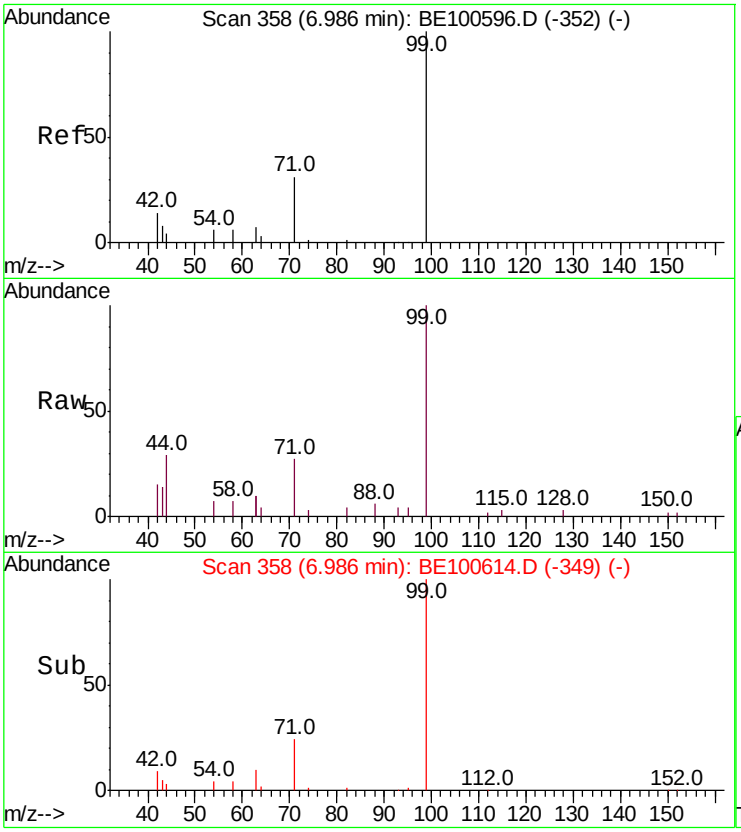


#4
2-Fluorophenol
Concen: 0.442 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:112 Resp: 4445

Ion	Ratio	Lower	Upper
112	100		
64	55.6	43.7	65.5
63	109.0	84.5	126.7



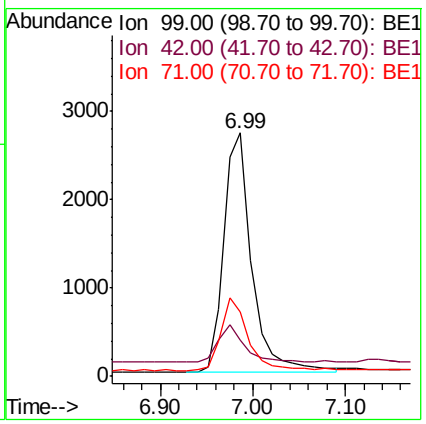


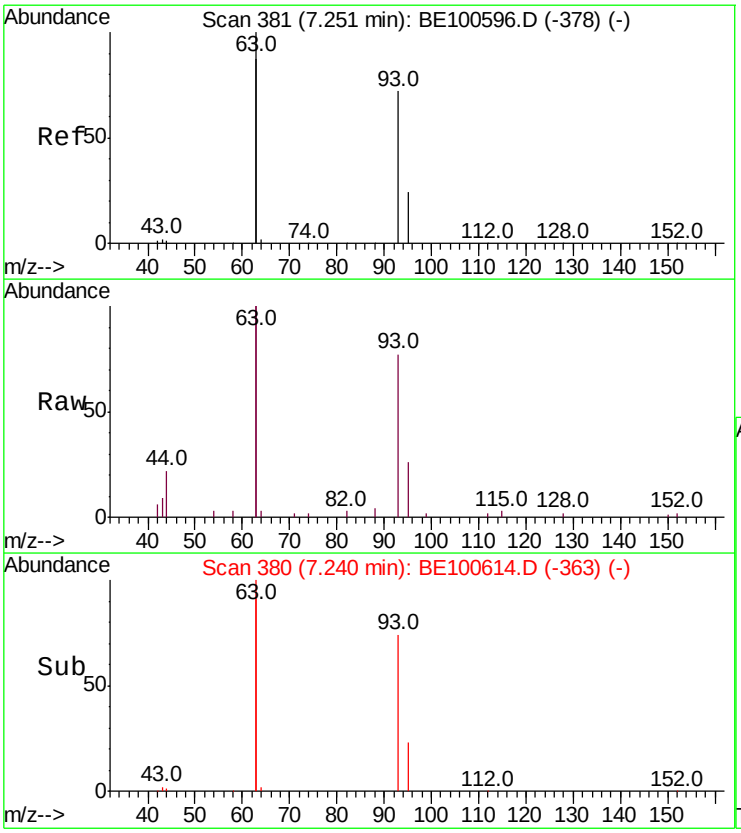
#5
Phenol-d6
Concen: 0.452 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5710

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.7	17.5
71	29.7	23.0	34.4

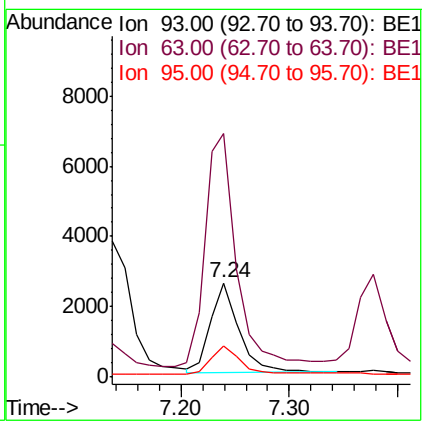


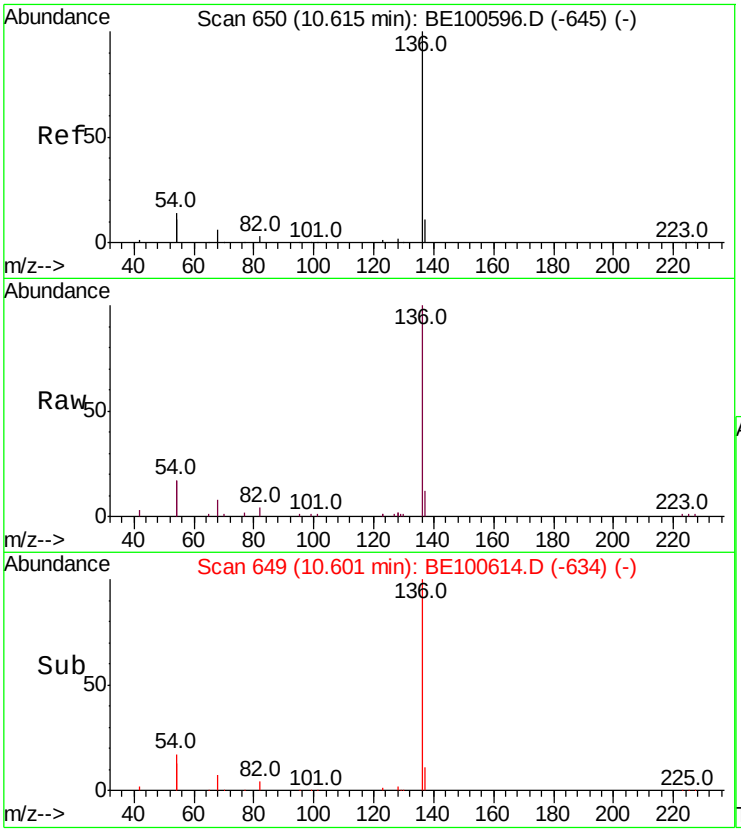


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion: 93 Resp: 4693

Ion	Ratio	Lower	Upper
93	100		
63	282.8	221.0	331.4
95	32.0	25.4	38.0



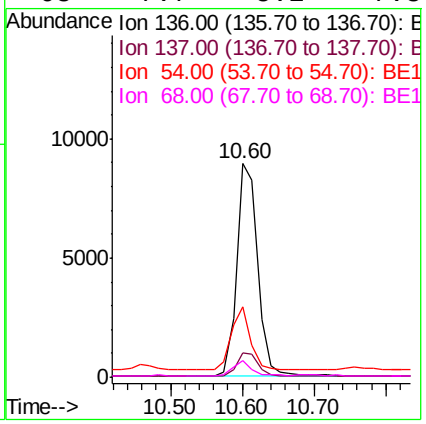


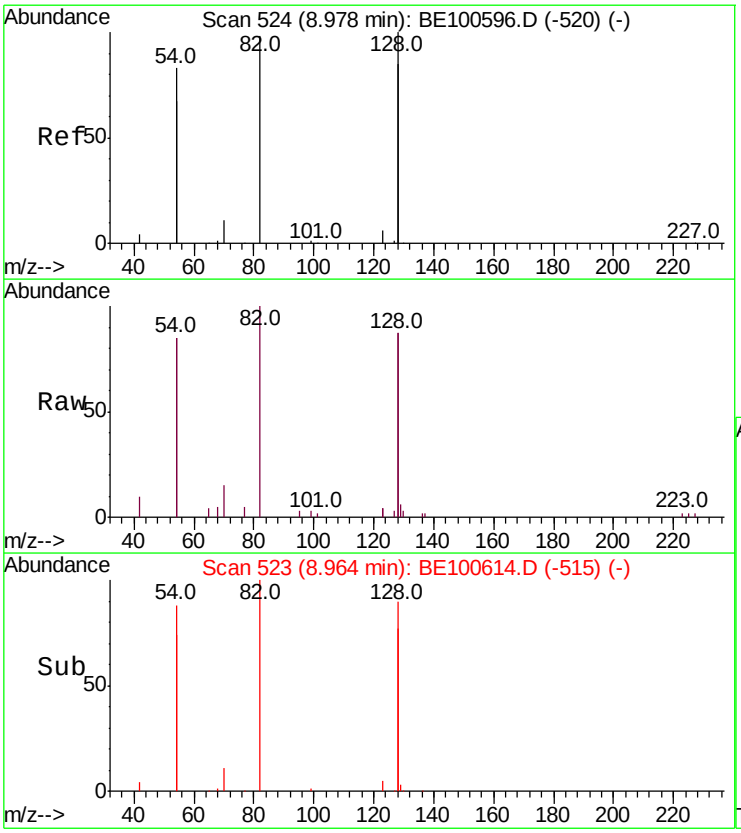
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 17858

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	33.2	22.4	33.6
68	7.7	5.2	7.8

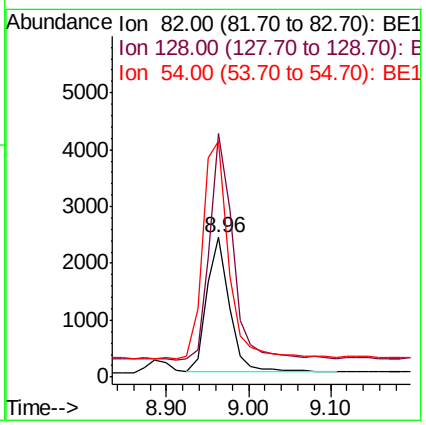


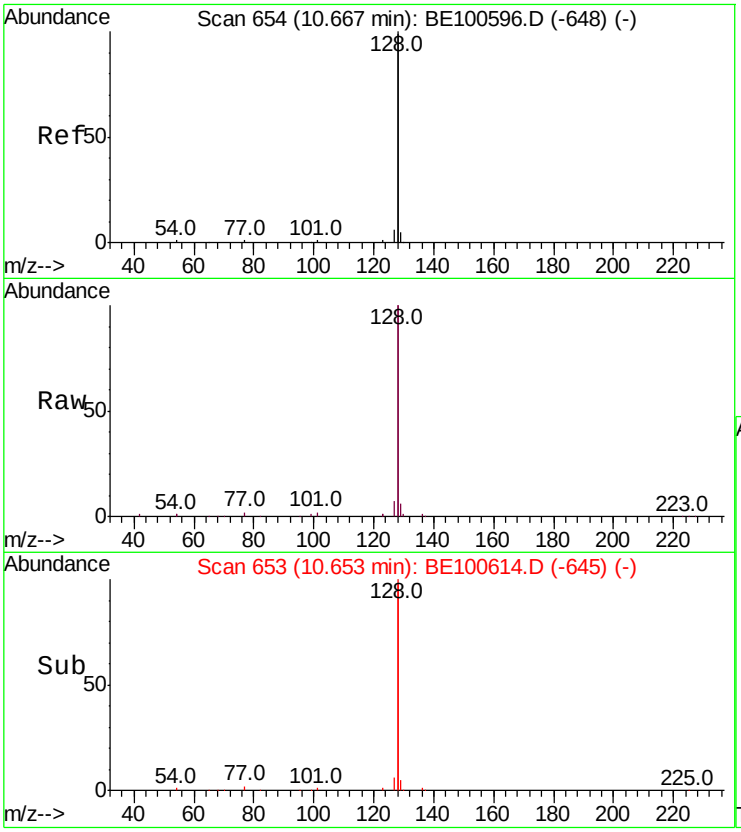


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion: 82 Resp: 4563

Ion	Ratio	Lower	Upper
82	100		
128	174.6	154.7	232.1
54	169.3	128.5	192.7



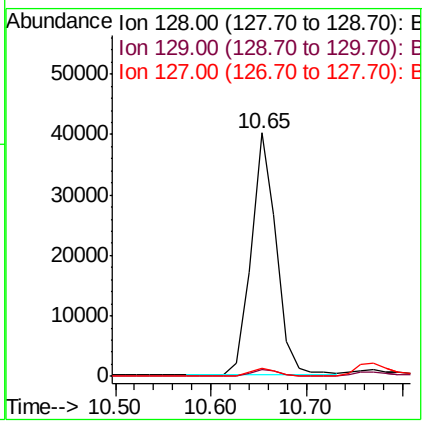


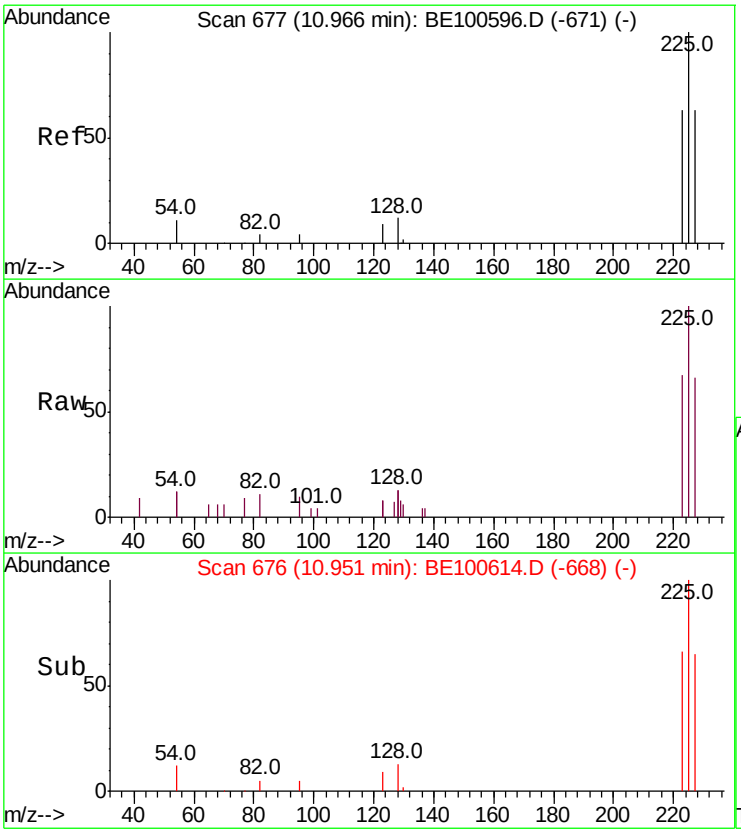
#9
Naphthalene
Concen: 0.394 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 72494

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.4	2.6	4.0

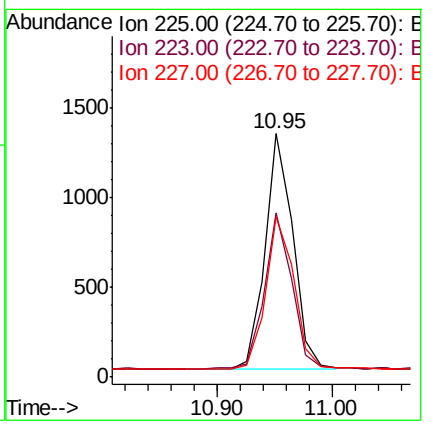


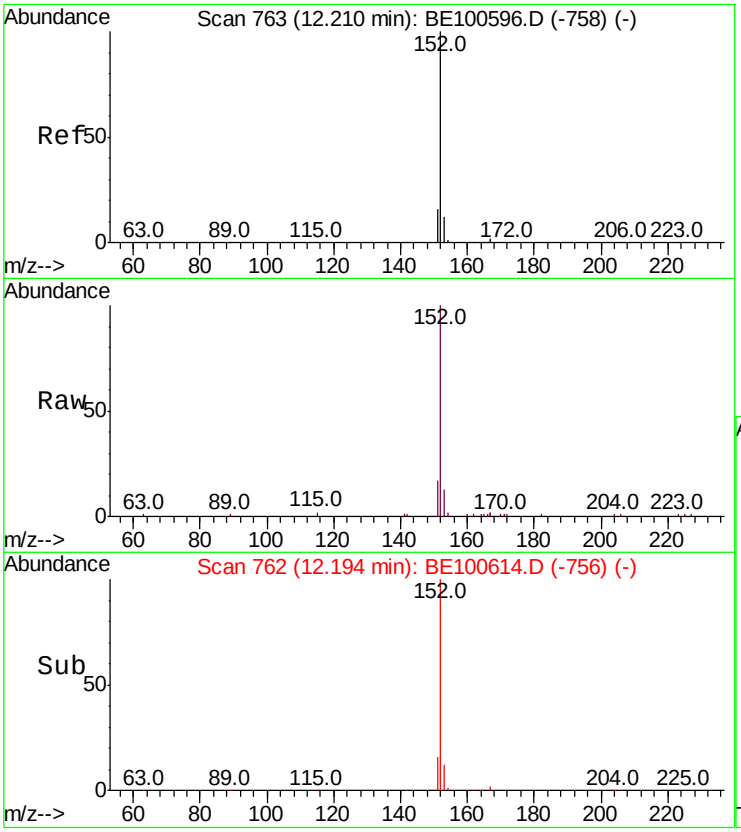


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:225 Resp: 2228

Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.8	74.8
227	65.5	50.1	75.1



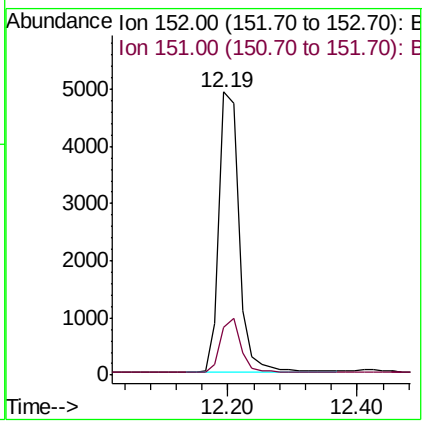


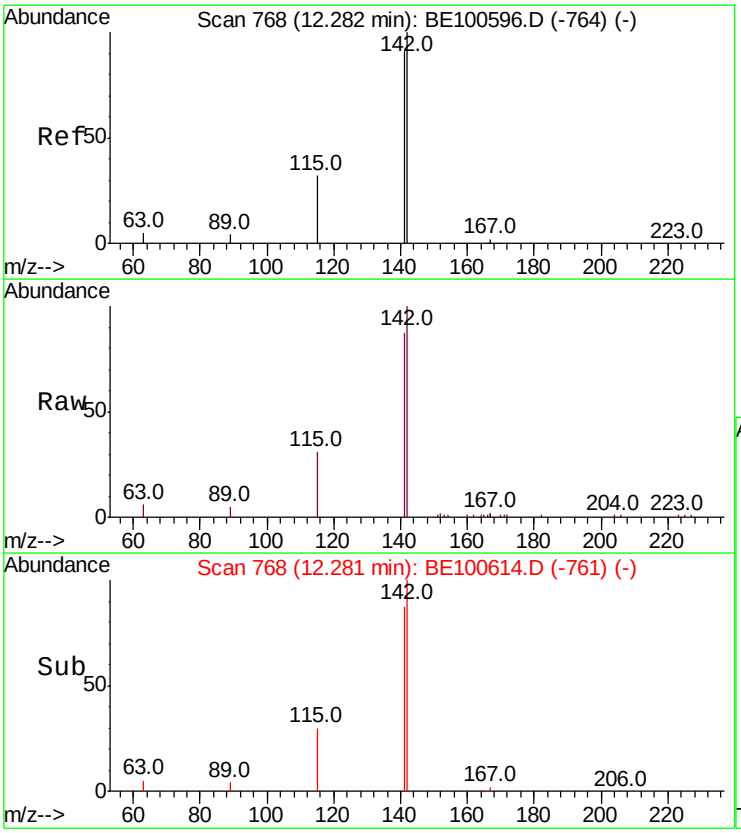
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.02 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10556

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8

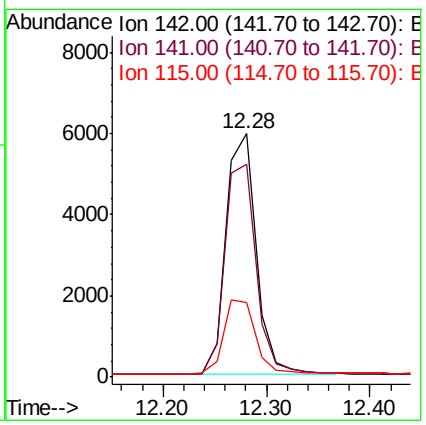


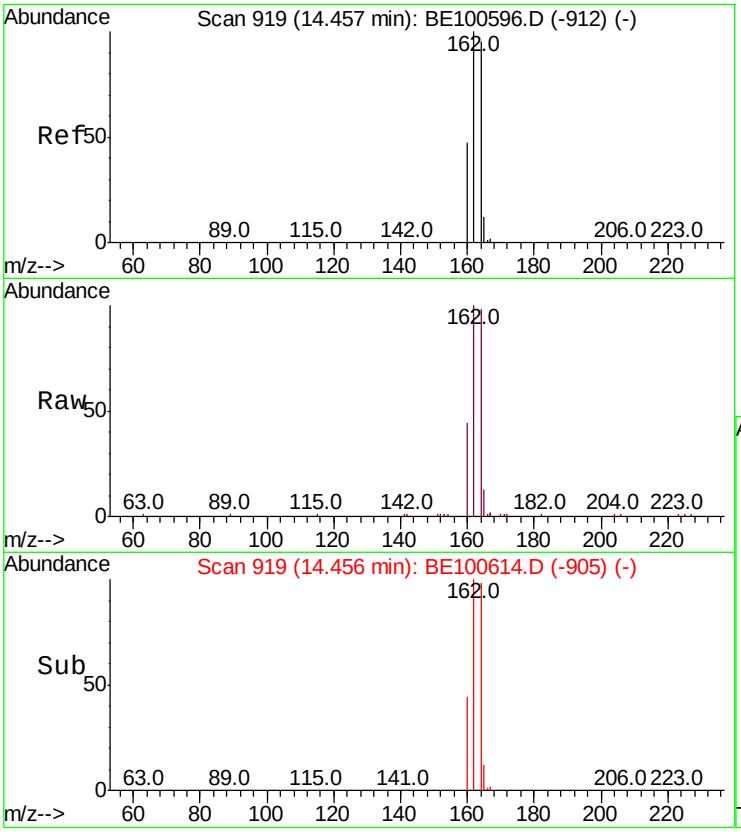


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:142 Resp: 12163

Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.6	108.8
115	30.9	26.6	40.0



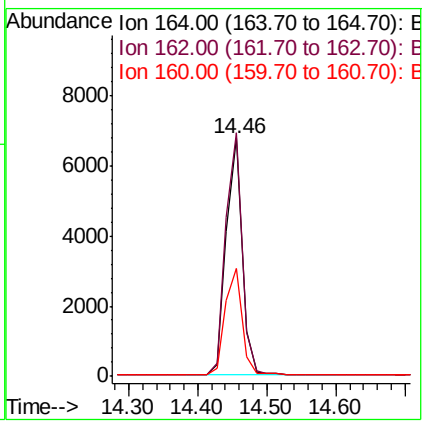


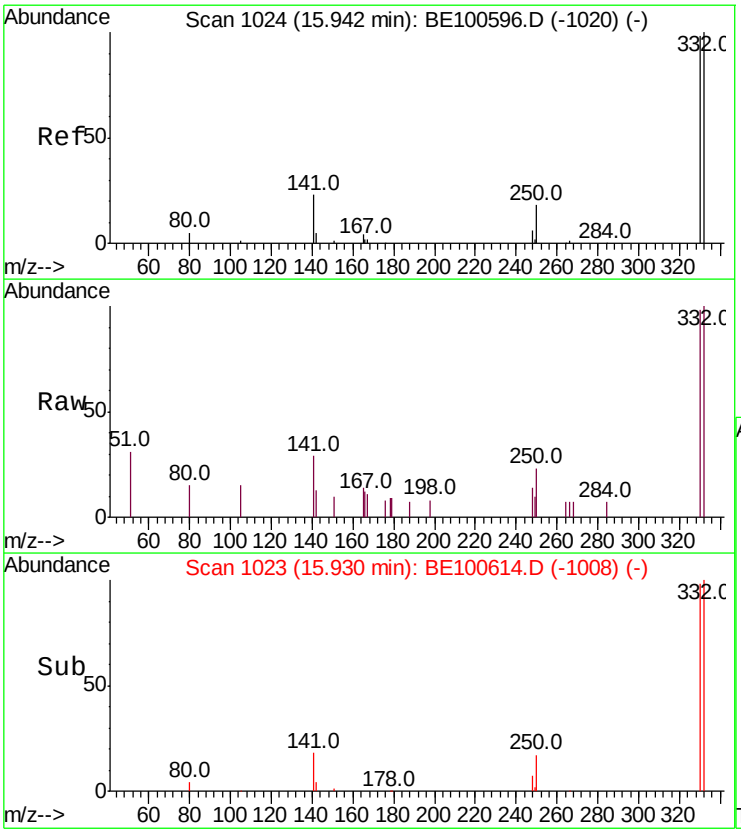
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10874

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.2	126.4
160	45.2	40.2	60.4

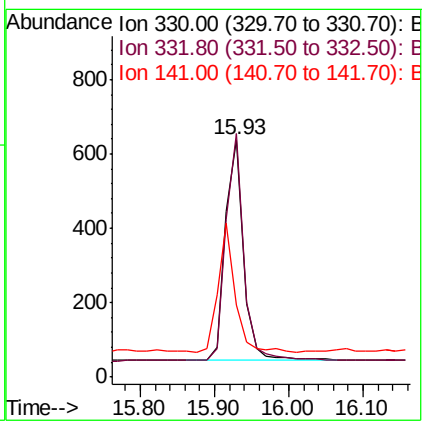


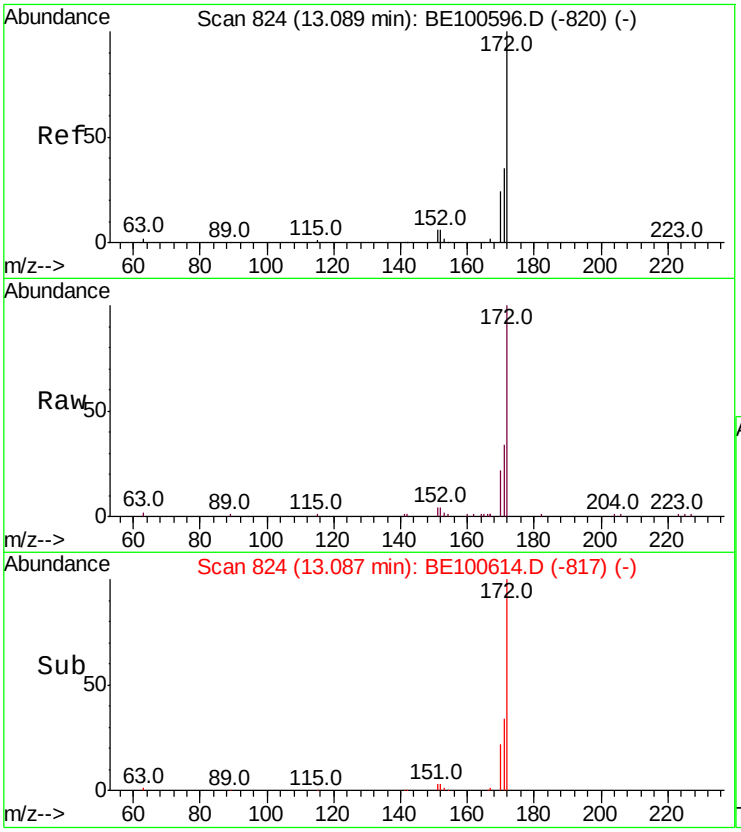


#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.93 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:330 Resp: 1010

Ion	Ratio	Lower	Upper
330	100		
332	101.0	78.5	117.7
141	56.7	39.4	59.0



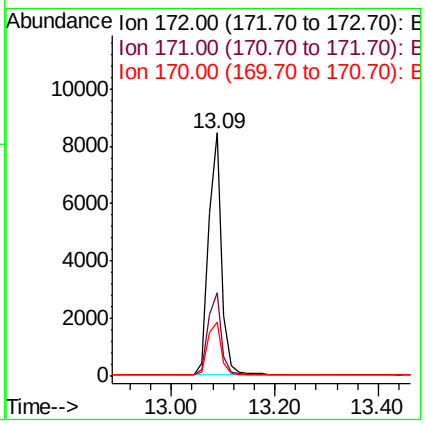


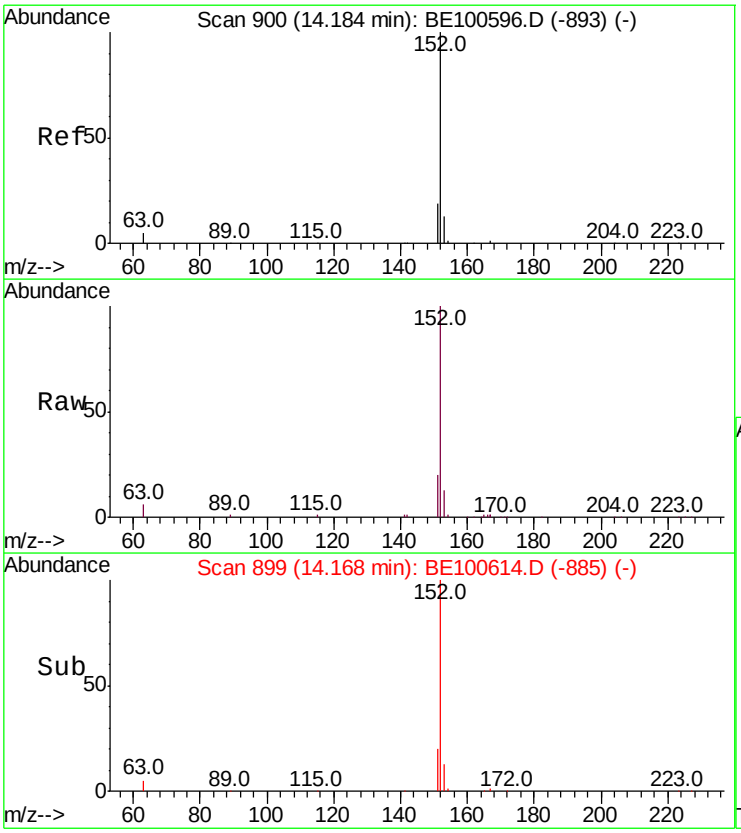
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14958

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.7	43.1
170	22.3	19.8	29.8

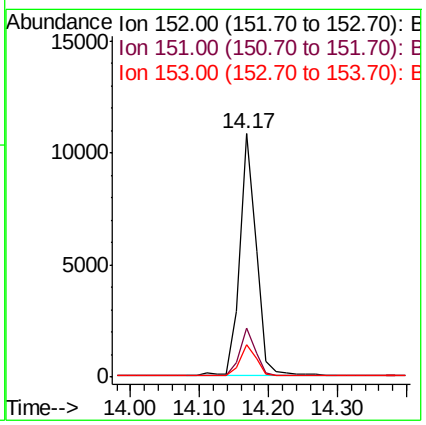


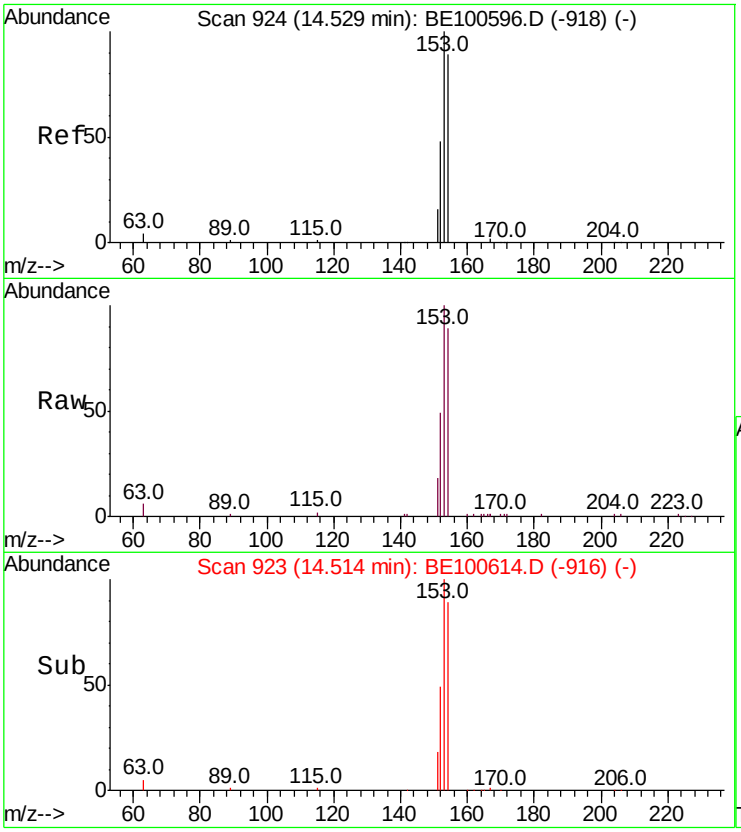


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:152 Resp: 17878

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.4	15.6



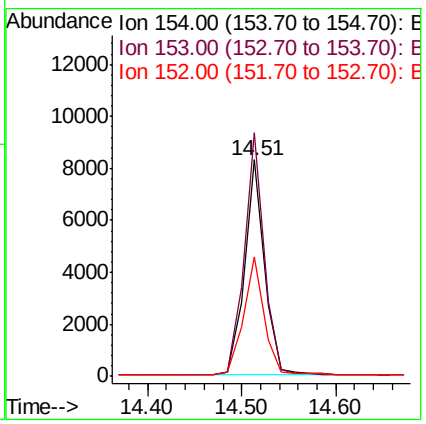


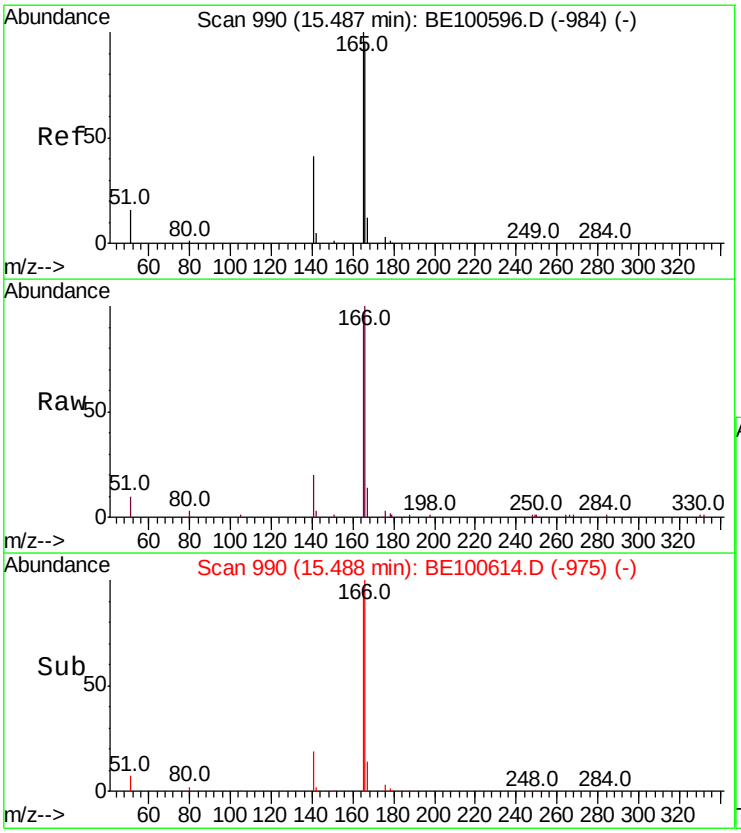
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 12187

Ion	Ratio	Lower	Upper
154	100		
153	112.9	92.3	138.5
152	56.2	46.2	69.2

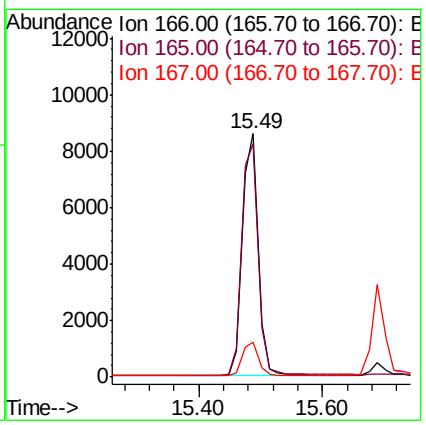


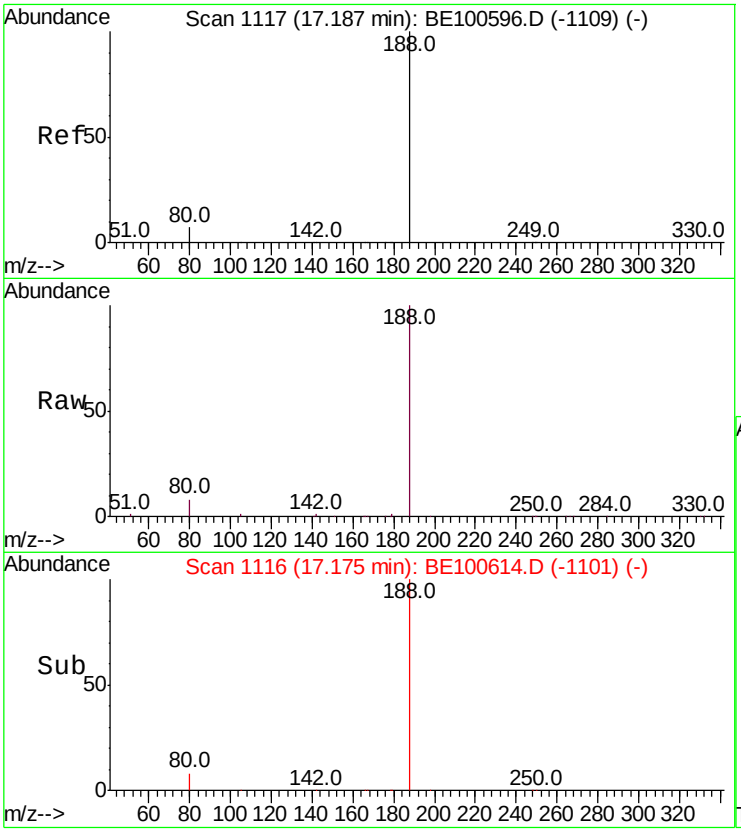


#18
Fluorene
Concen: 0.387 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:166 Resp: 15303

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.4	120.6
167	13.6	10.6	15.8



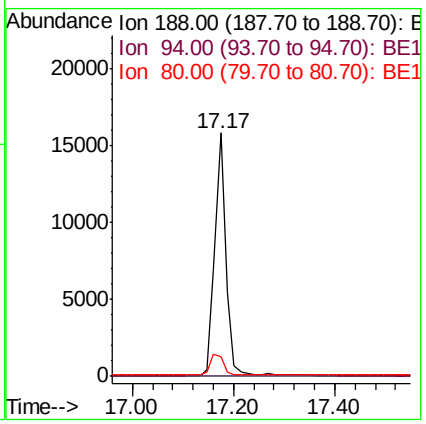


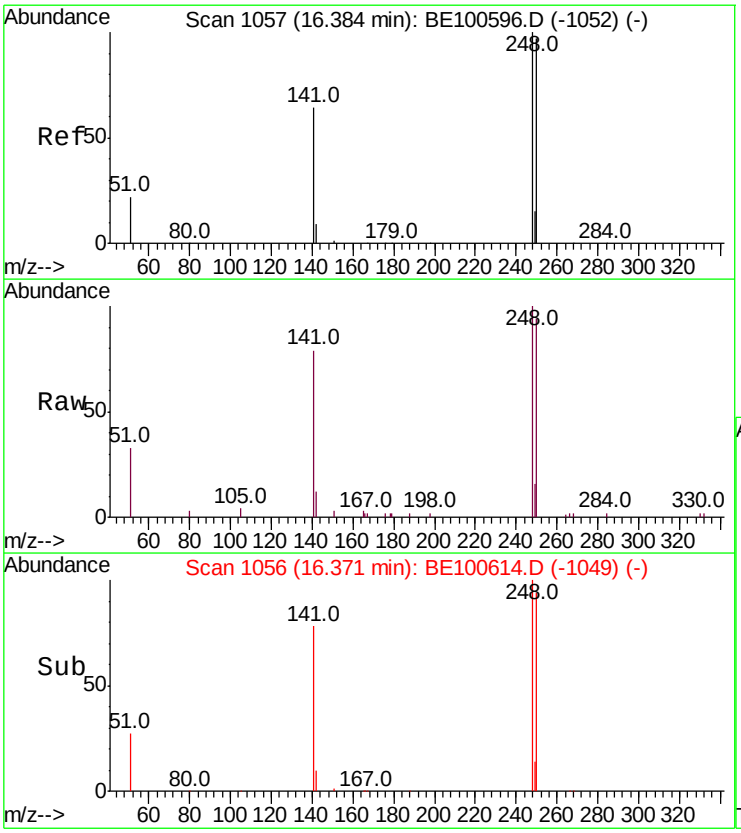
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24161

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.2	9.2

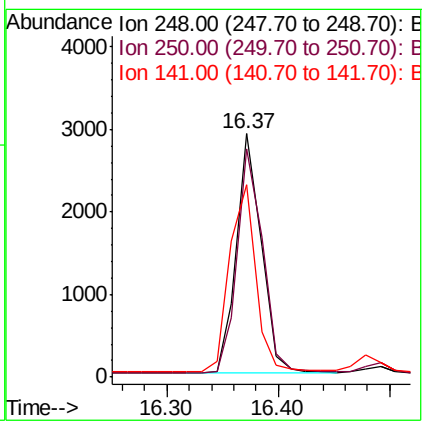


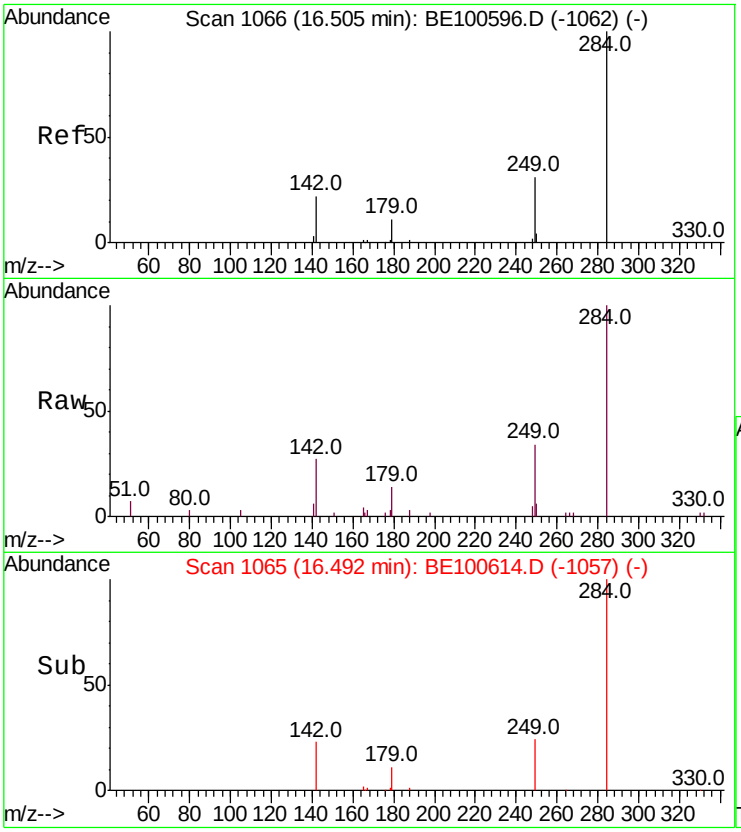


#20
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:248 Resp: 4544

Ion	Ratio	Lower	Upper
248	100		
250	93.9	77.4	116.0
141	79.2	52.1	78.1#



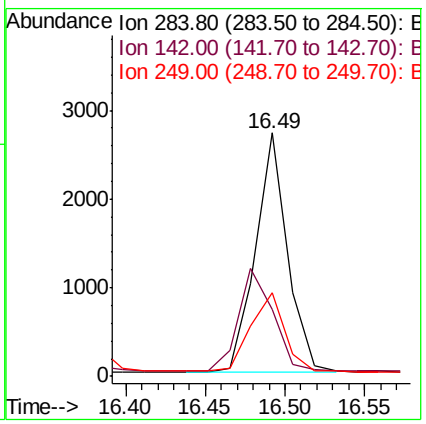


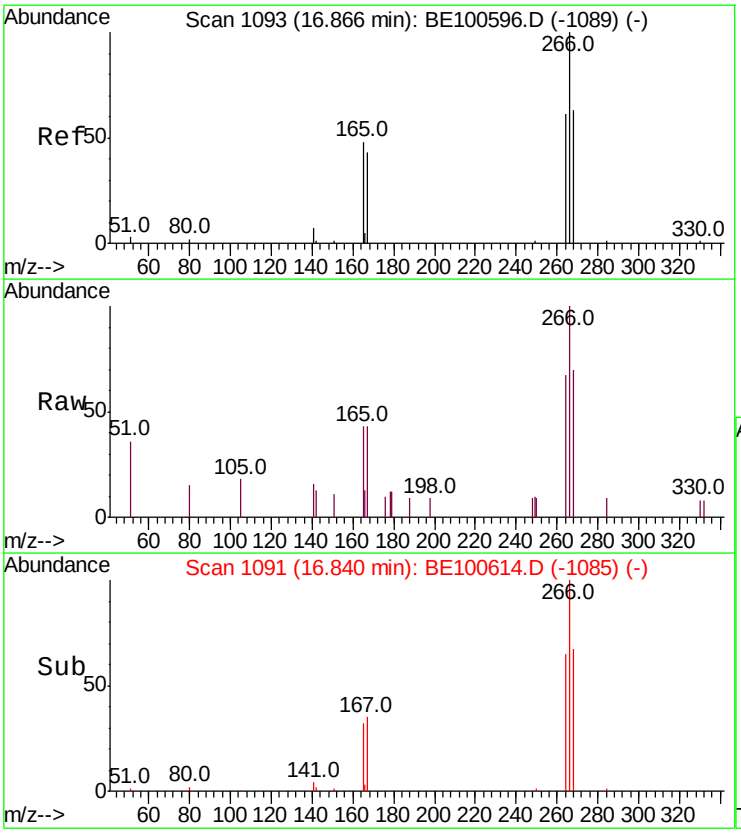
#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3787

Ion	Ratio	Lower	Upper
284	100		
142	46.2	35.1	52.7
249	35.0	27.2	40.8

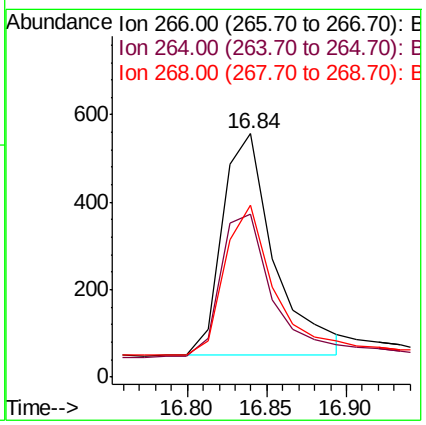


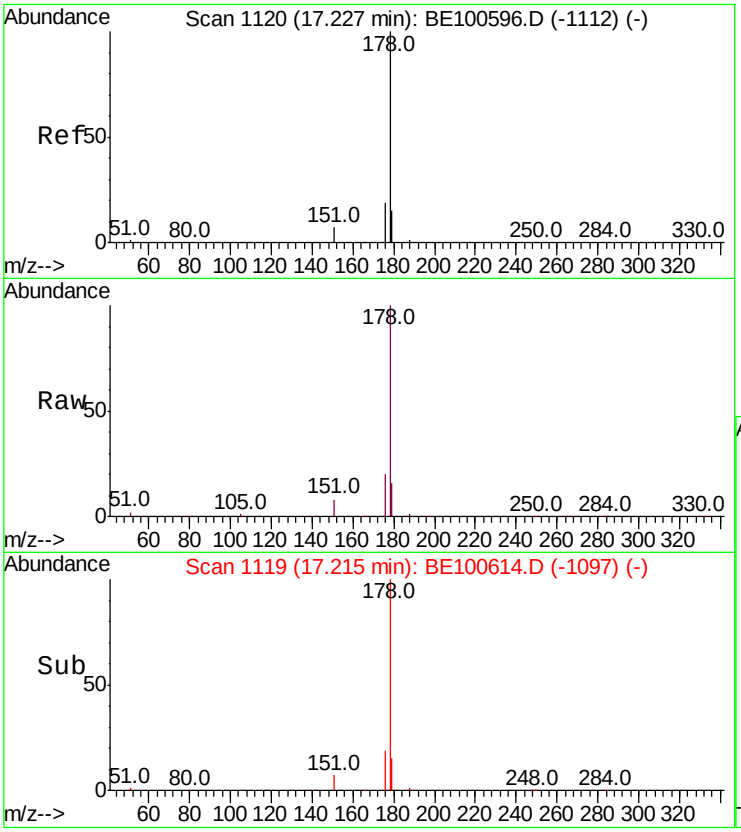


#22
Pentachlorophenol
Concen: 0.590 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:266 Resp: 1162

Ion	Ratio	Lower	Upper
266	100		
264	67.1	56.3	84.5
268	70.4	60.3	90.5



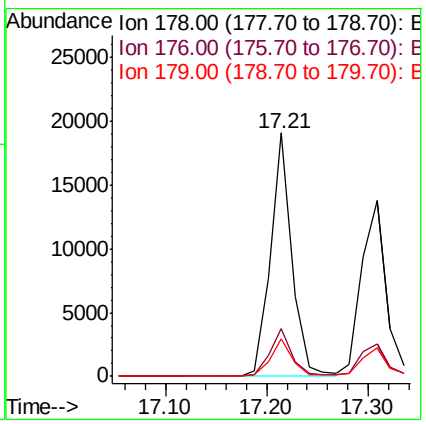


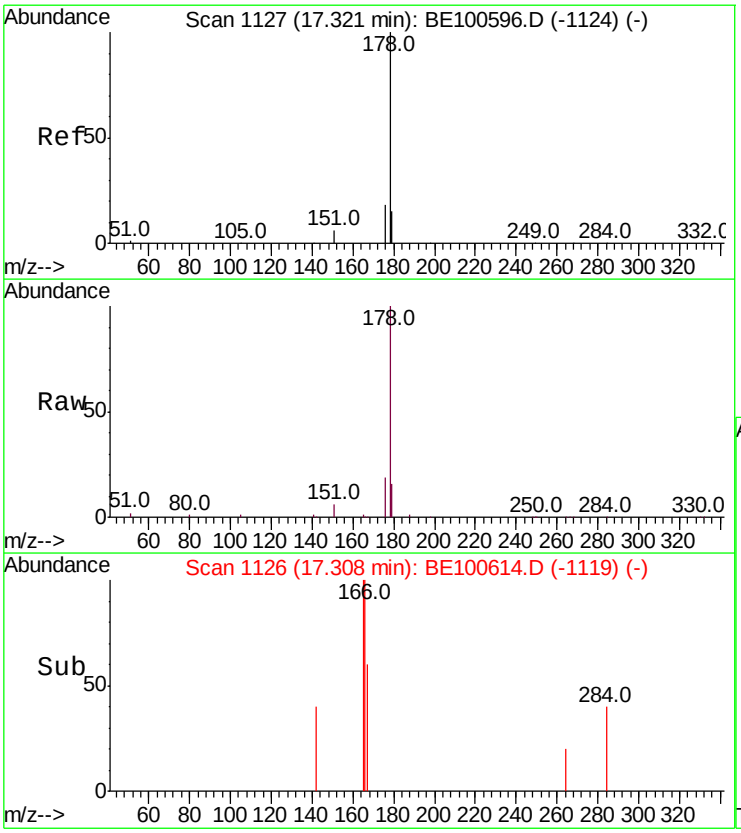
#23
Phenanthrene
Concen: 0.401 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 27590

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.3	18.5

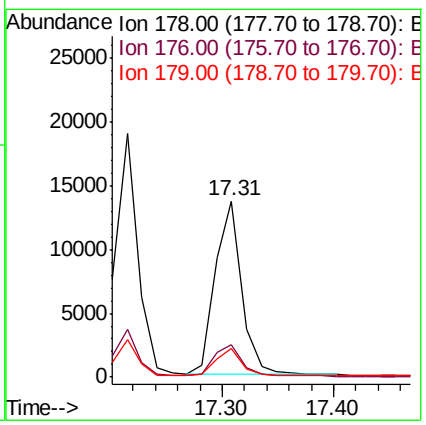


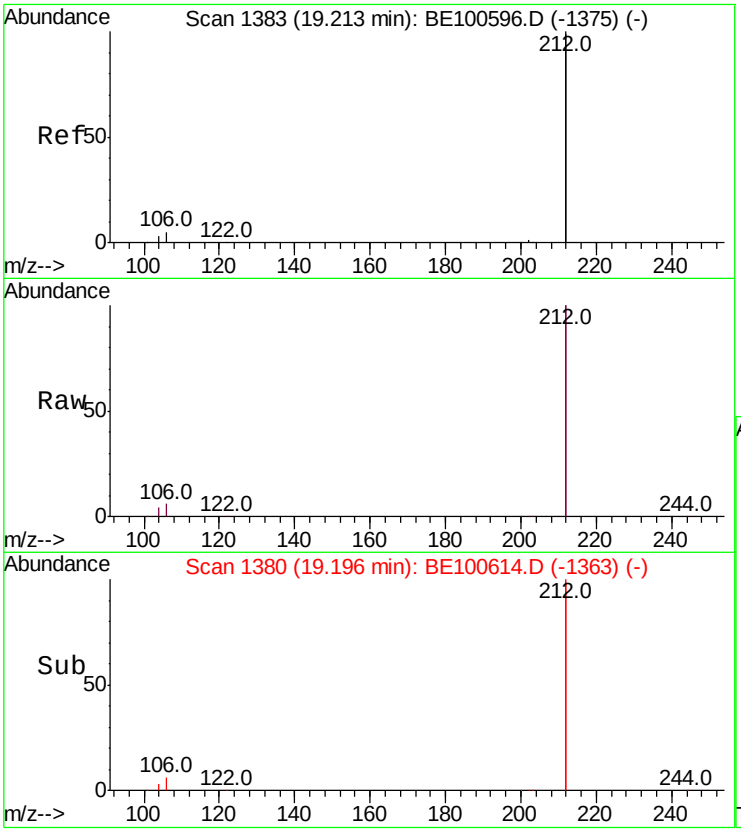


#24
Anthracene
Concen: 0.385 ng
RT: 17.31 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:178 Resp: 22801

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.1	12.2	18.4



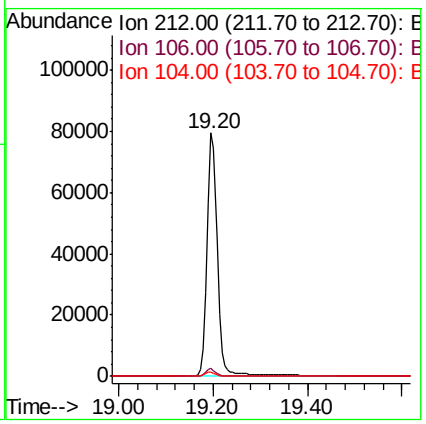


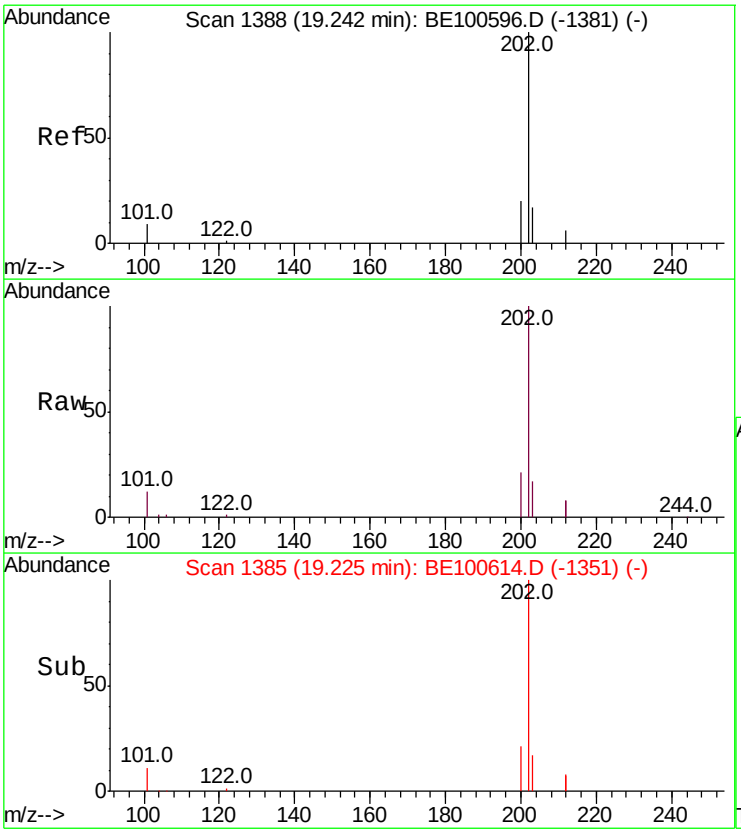
#25
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 116384

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.3	3.5
104	1.6	1.3	1.9

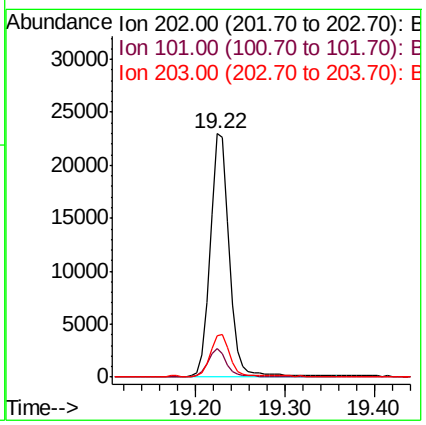


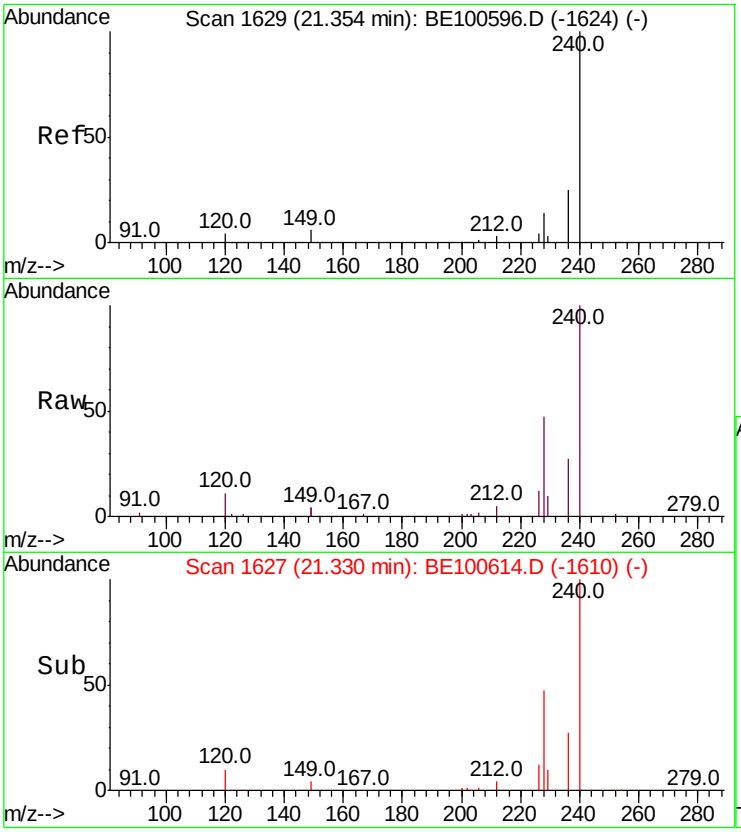


#26
Fluoranthene
Concen: 0.396 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:202 Resp: 33558

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	12.8
203	17.2	13.8	20.6



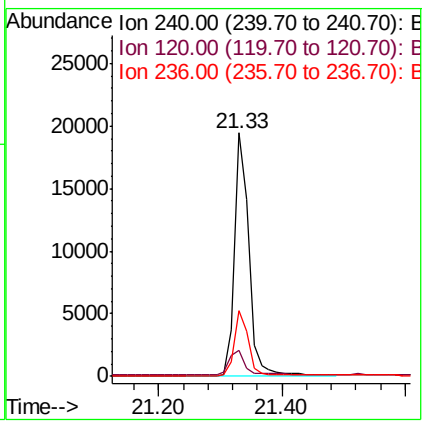


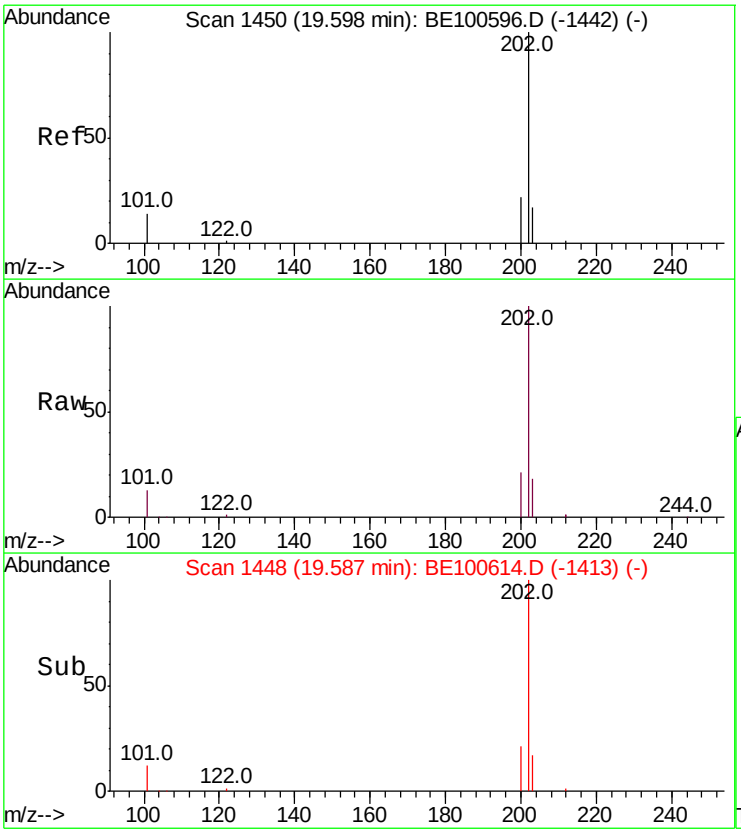
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 30680

Ion	Ratio	Lower	Upper
240	100		
120	10.9	3.6	5.4#
236	27.2	20.5	30.7

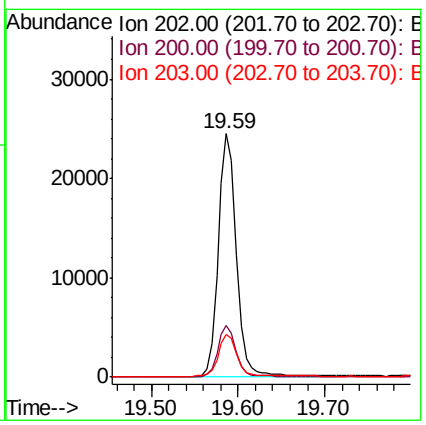


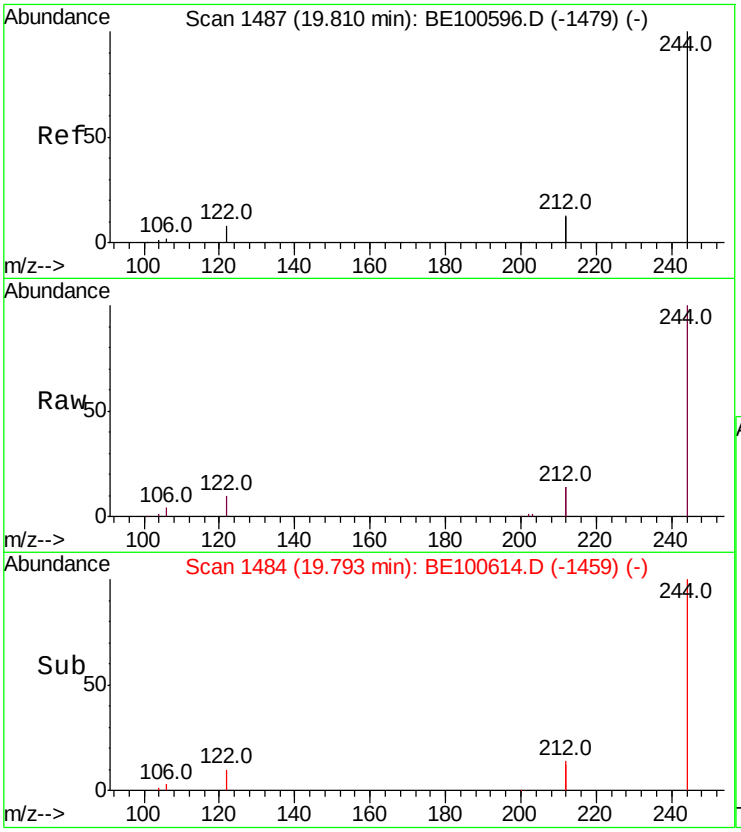


#28
Pyrene
Concen: 0.450 ng
RT: 19.59 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:202 Resp: 35380

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.7	14.1	21.1



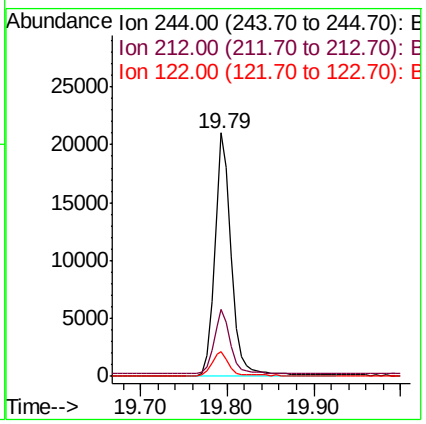


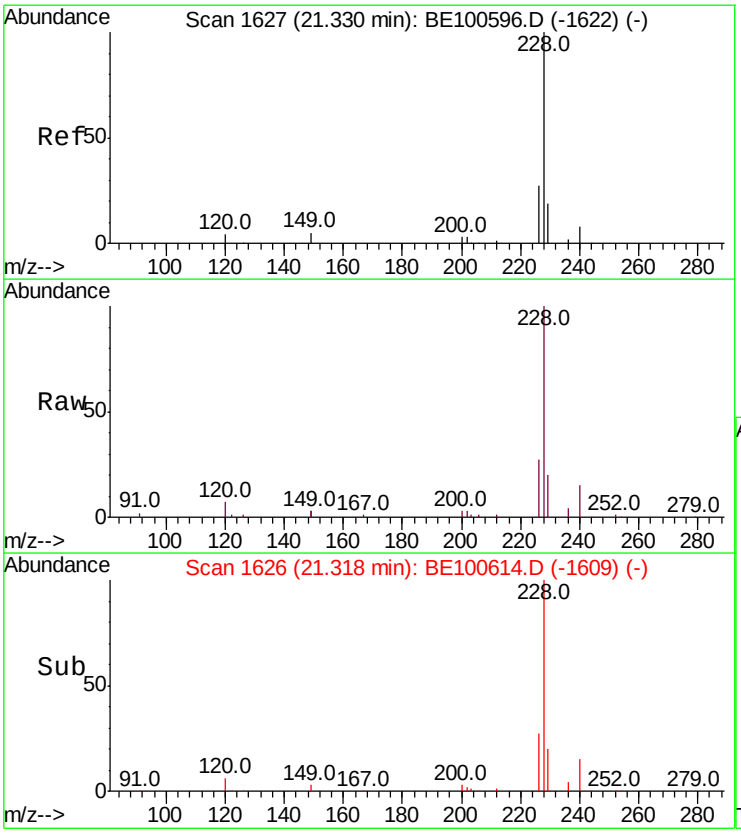
#29
Terphenyl-d14
Concen: 0.418 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 28310

Ion	Ratio	Lower	Upper
244	100		
212	27.4	20.6	31.0
122	10.1	6.5	9.7#

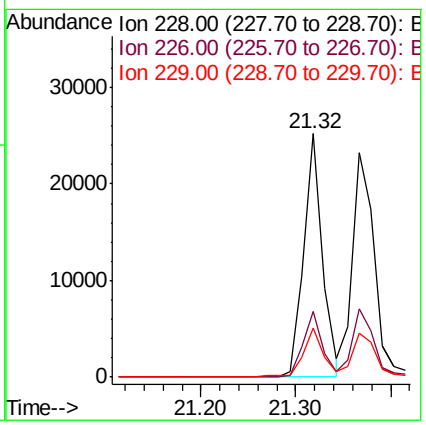


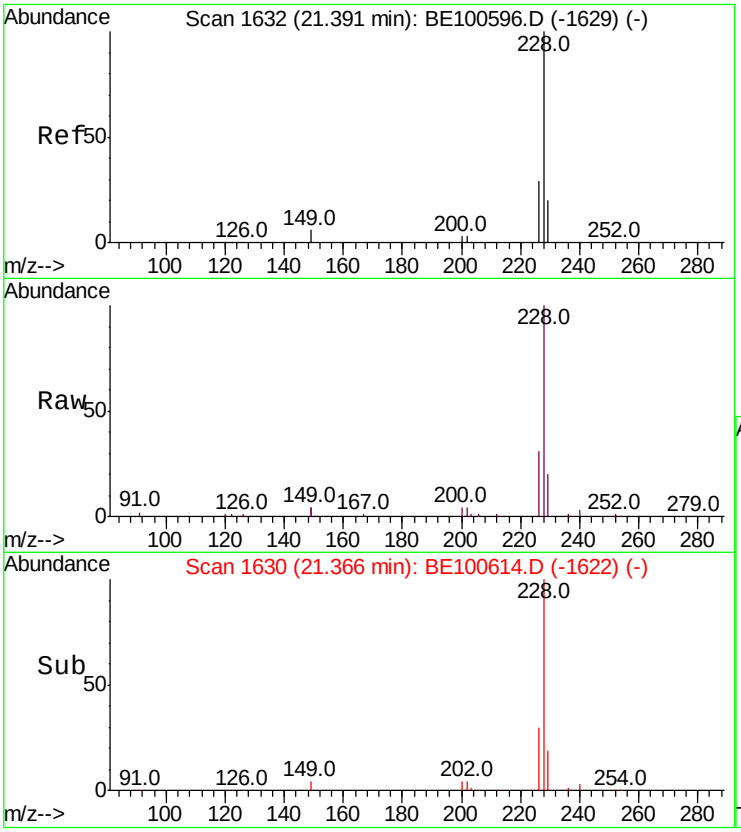


#30
Benzo(a)anthracene
Concen: 0.398 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:228 Resp: 34142

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	20.4	15.6	23.4



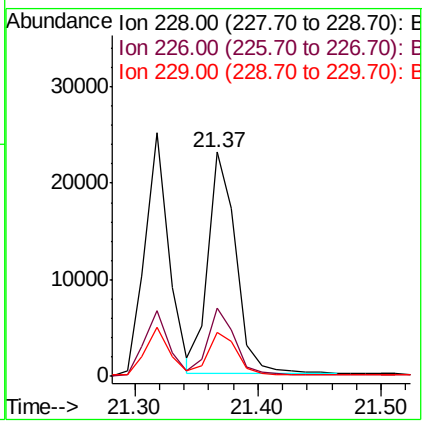


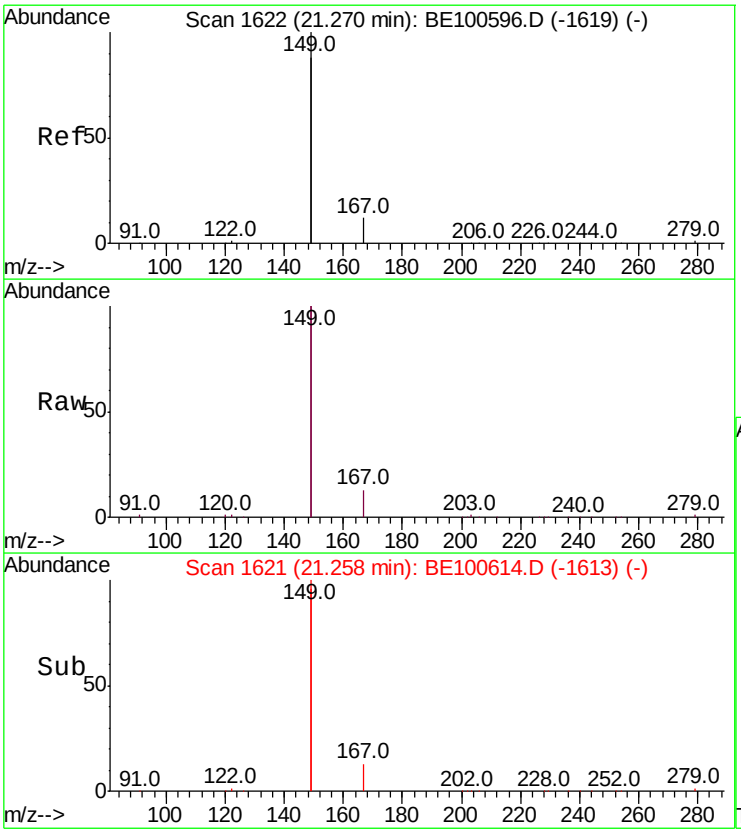
#31
Chrysene
Concen: 0.391 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 35851

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.7	34.1
229	19.7	16.3	24.5

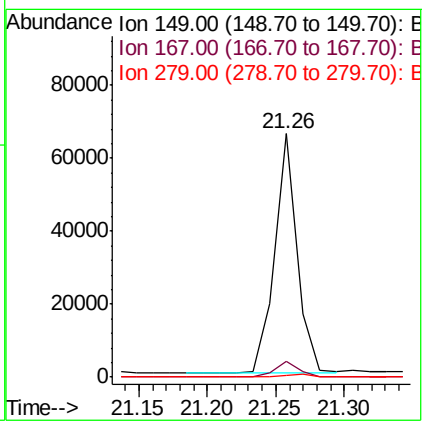


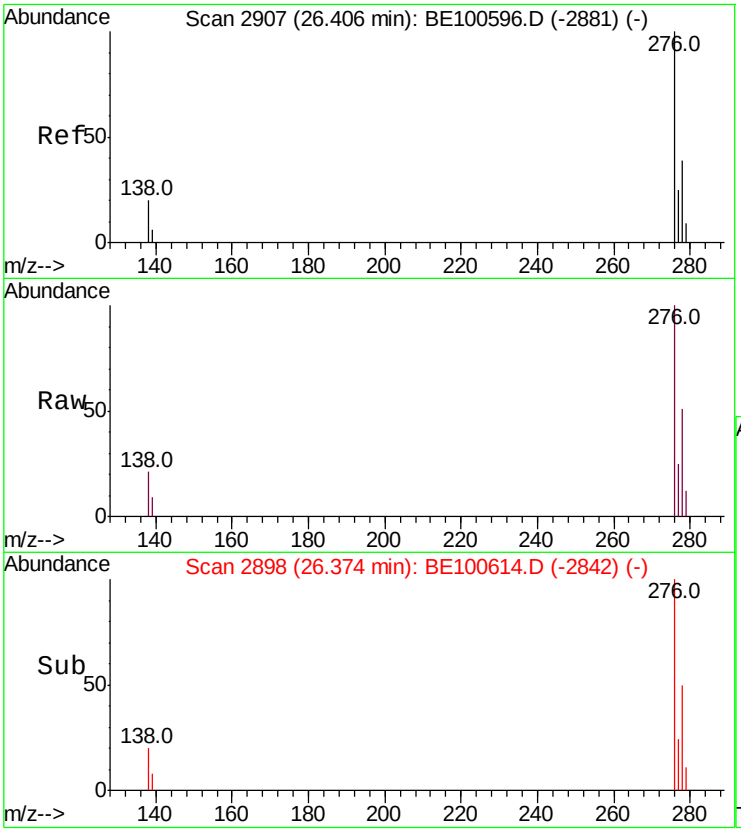


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.453 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:149 Resp: 74235

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	0.9	1.3



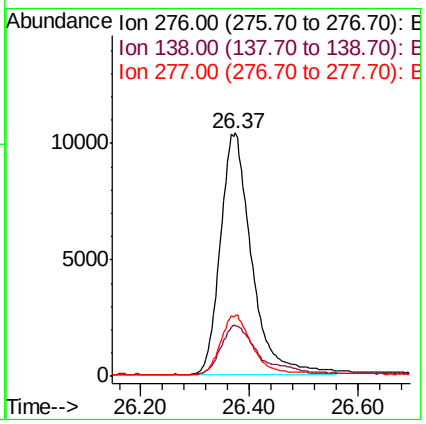


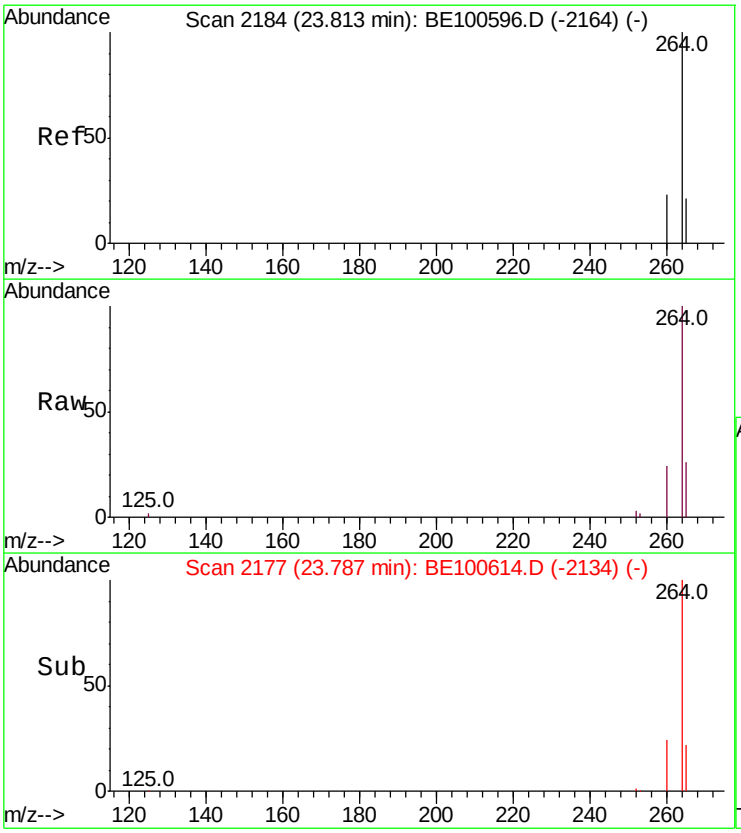
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng
RT: 26.37 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 41781

Ion	Ratio	Lower	Upper
276	100		
138	23.8	17.8	26.8
277	24.8	19.8	29.8

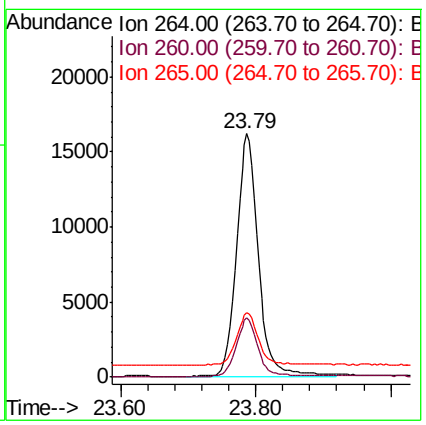


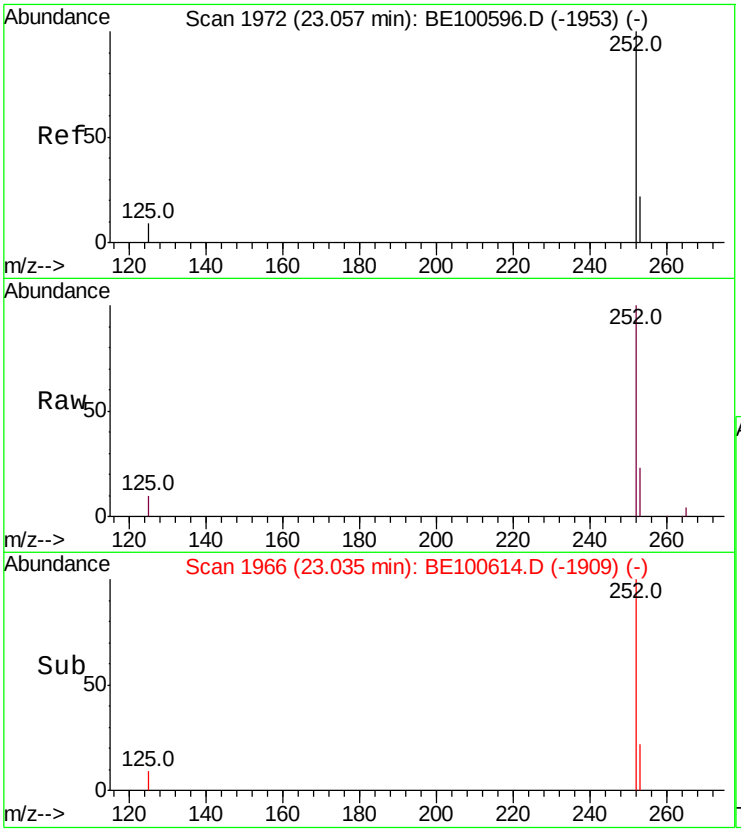


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:264 Resp: 35971

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	26.4	20.9	31.3



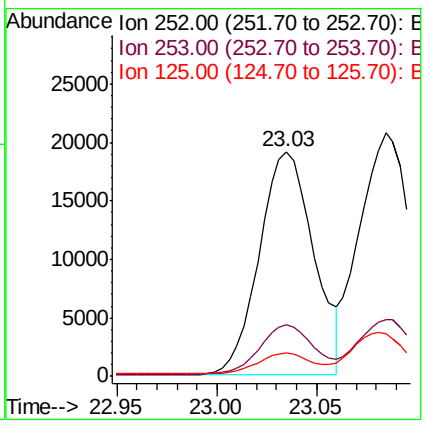


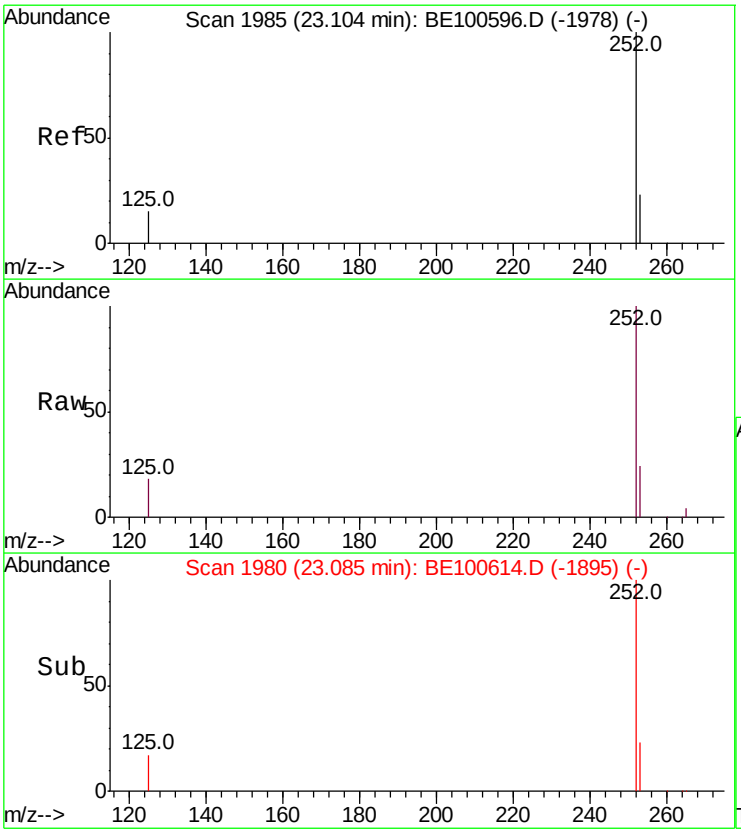
#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 23.03 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36108

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.3	7.9	11.9

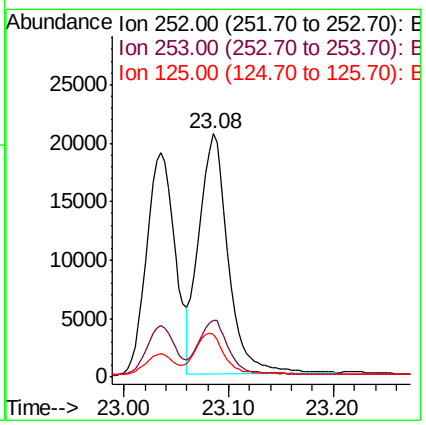


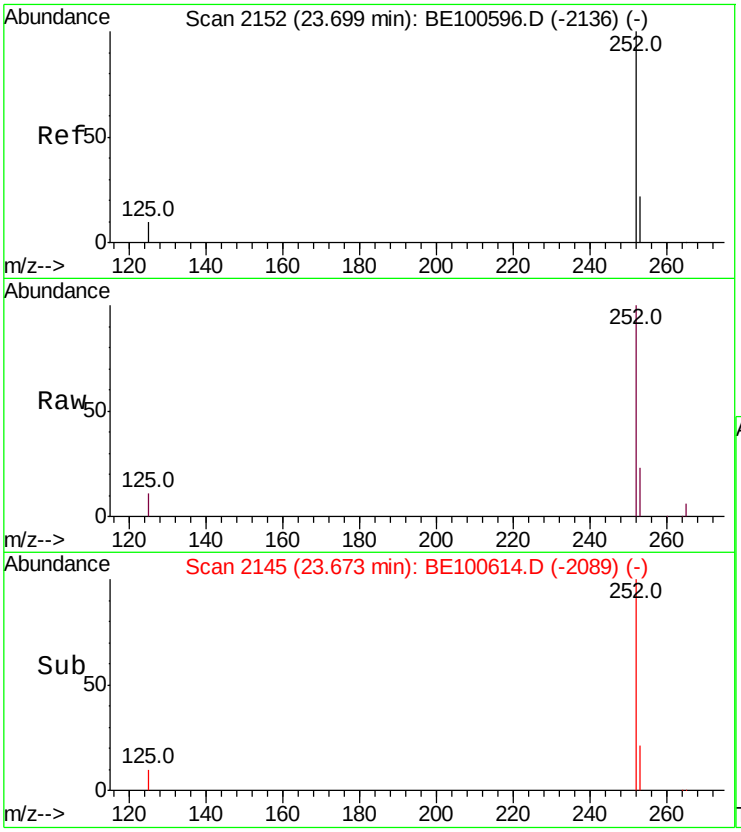


#36
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 23.08 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:252 Resp: 40223

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	17.6	11.4	17.0#



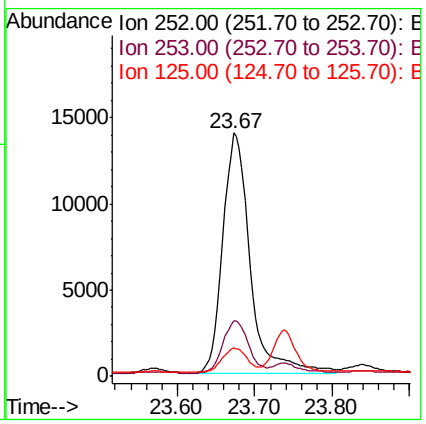


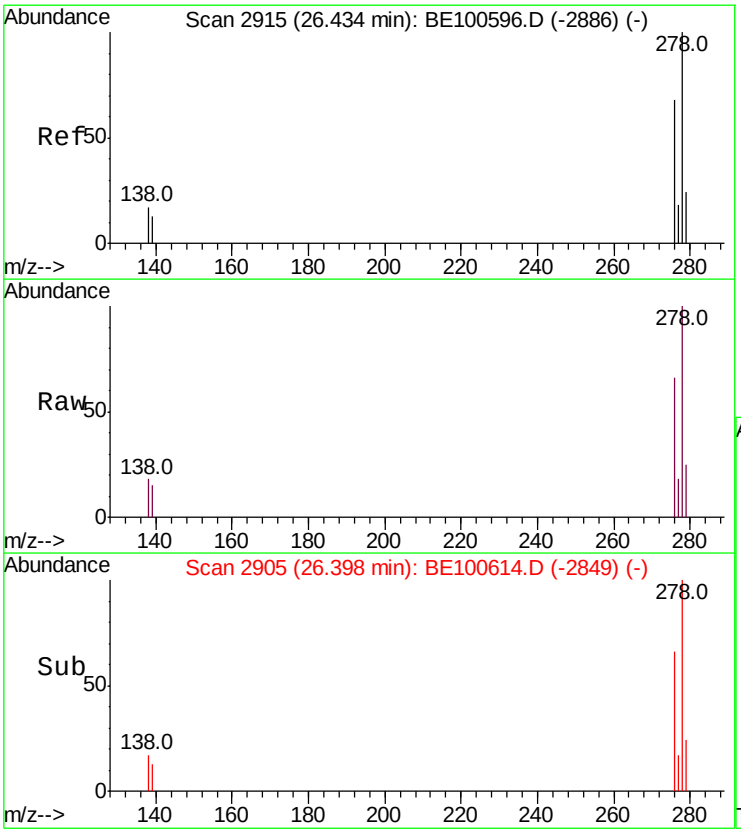
#37
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.67 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 34105

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	11.5	8.8	13.2

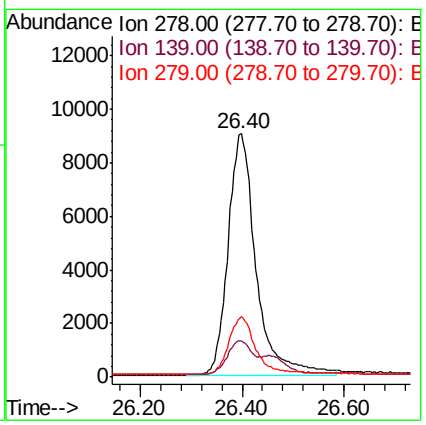


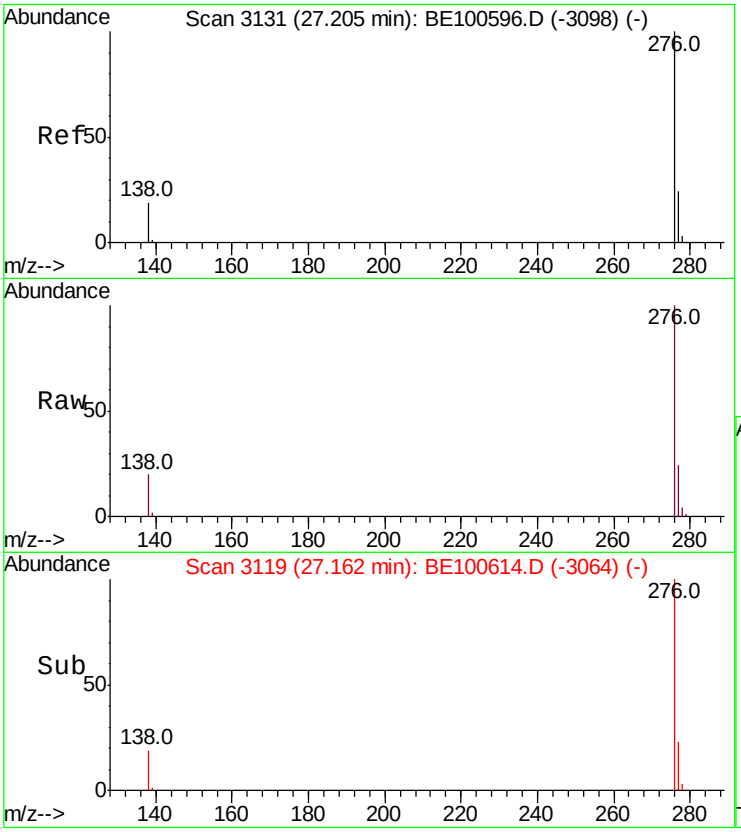


#38
Dibenzo(a,h)anthracene
Concen: 0.368 ng
RT: 26.40 min Scan# 2905
Delta R.T. 0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Tgt Ion:278 Resp: 34636

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.0	16.4
279	24.7	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.16 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BE100614.D
Acq: 8 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 35388

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	19.6	15.6	23.4