Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100573.D
Acq On : 27 Sep 2019 15:17
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 27 18:04:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 17:54:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3257	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	16031	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	10010	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	24708	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29298	0.40	ng		0.00
34) Perylene-d12	23.85	264	34637	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	3698	0.48	ng		0.00
5) Phenol-d6	7.02	99	4943	0.47	ng		0.00
8) Nitrobenzene-d5	9.00	82	4349	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	9614	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1081	0.67	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	13562	0.38	ng		0.00
25) Fluoranthene-d10	19.24	212	120874	0.41	ng		0.00
29) Terphenyl-d14	19.83	244	27971	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2195	0.467	ng		100
3) n-Nitrosodimethylamine	3.66	42	1135	0.412	ng	#	100
6) bis(2-Chloroethyl)ether	7.27	93	4319	0.409	ng		100
9) Naphthalene	10.69	128	65117	0.392	ng		100
10) Hexachlorobutadiene	10.99	225	1973	0.371	ng		100
12) 2-Methylnaphthalene	12.31	142	10964	0.415	ng		100
16) Acenaphthylene	14.21	152	17226	0.418	ng		100
17) Acenaphthene	14.56	154	11049	0.397	ng		99
18) Fluorene	15.51	166	14634	0.420	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	4228	0.364	ng		100
21) Hexachlorobenzene	16.53	284	3658	0.362	ng		100
22) Pentachlorophenol	16.88	266	998	0.432	ng		100
23) Phenanthrene	17.26	178	27319	0.397	ng		100
24) Anthracene	17.35	178	23309	0.402	ng		100
26) Fluoranthene	19.27	202	34709	0.418	ng		100
28) Pyrene	19.62	202	36556	0.434	ng		100
30) Benzo(a)anthracene	21.35	228	33873	0.433	ng		100
31) Chrysene	21.40	228	35189	0.395	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	84623	1.003	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	43351	0.437	ng		100
35) Benzo(b)fluoranthene	23.09	252	36186	0.386	ng		100
36) Benzo(k)fluoranthene	23.14	252	39202	0.362	ng		100
37) Benzo(a)pyrene	23.74	252	35029	0.401	ng		100
38) Dibenzo(a,h)anthracene	26.50	278	35117	0.386	ng		100
39) Benzo(g,h,i)perylene	27.27	276	36540	0.384	ng		100

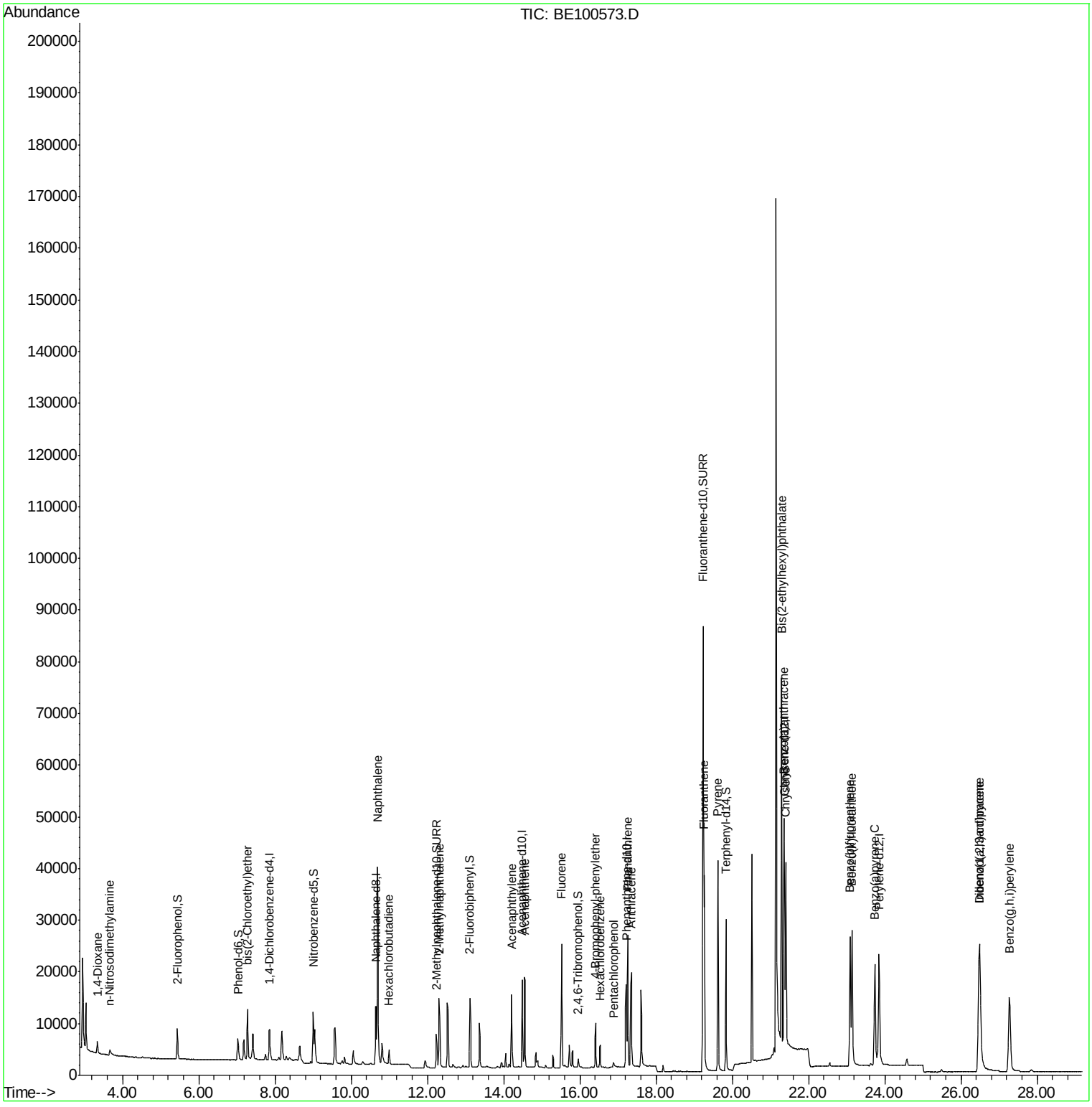
(#) = qualifier out of range (m) = manual integration (+) = signals summed

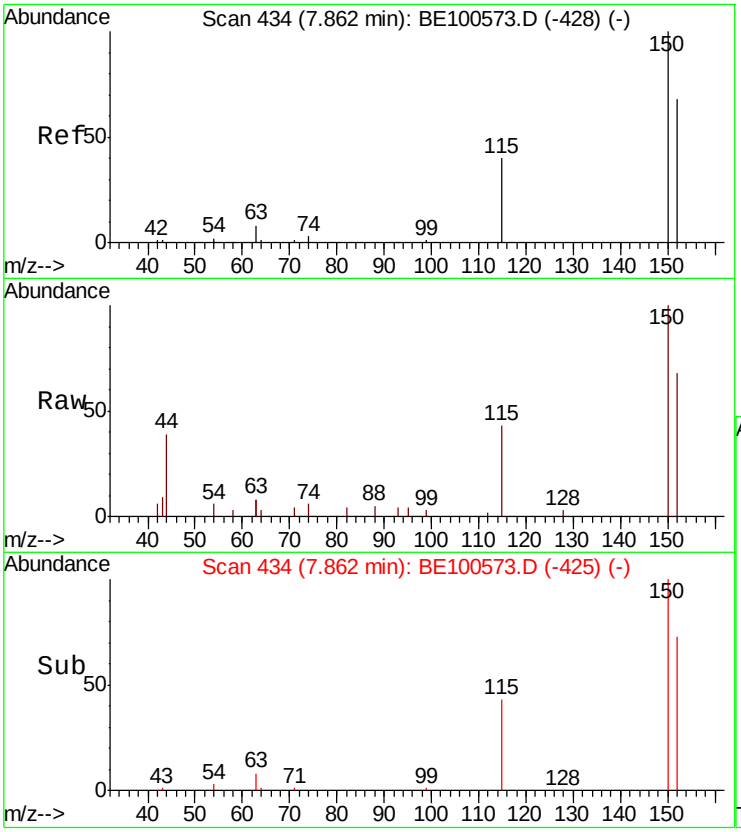
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100573.D
Acq On : 27 Sep 2019 15:17
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 27 18:04:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 17:54:33 2019
Response via : Initial Calibration



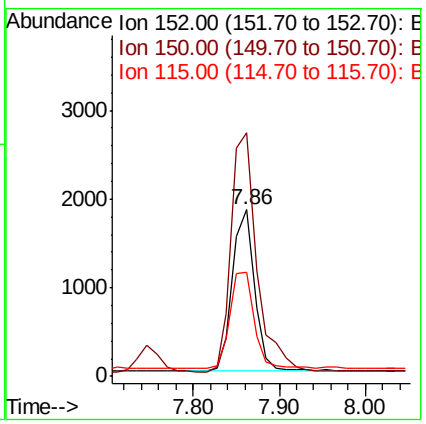


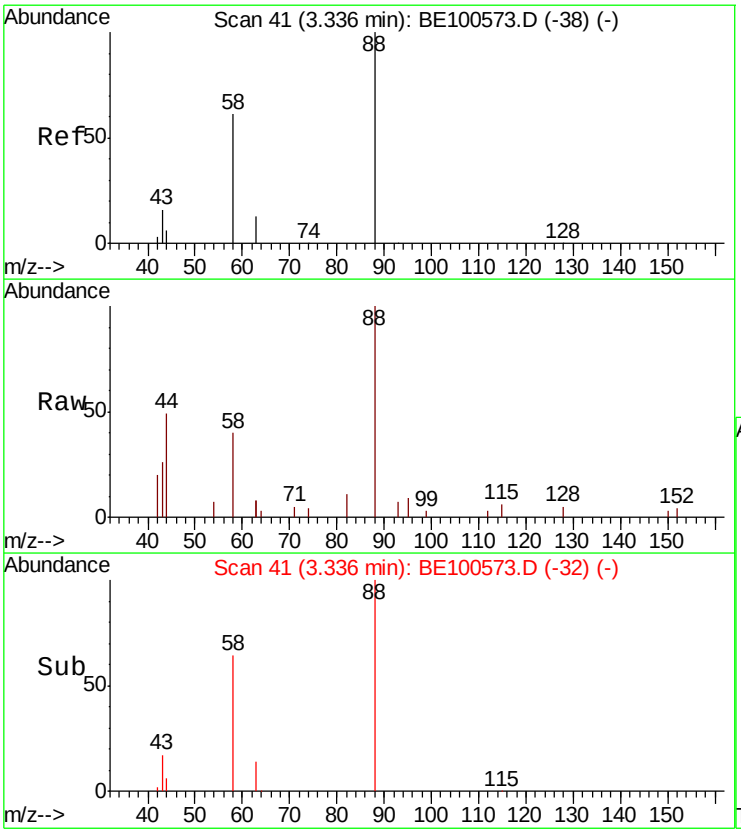
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3257

Ion	Ratio	Lower	Upper
152	100		
150	146.1	116.9	175.3
115	62.8	50.2	75.4

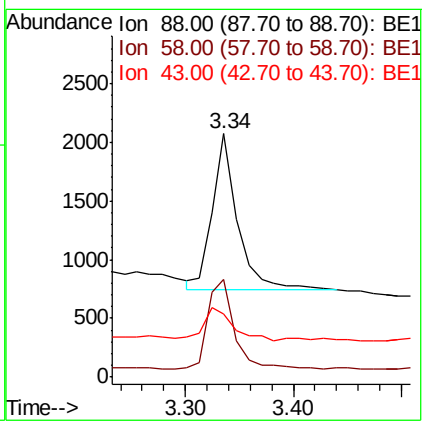


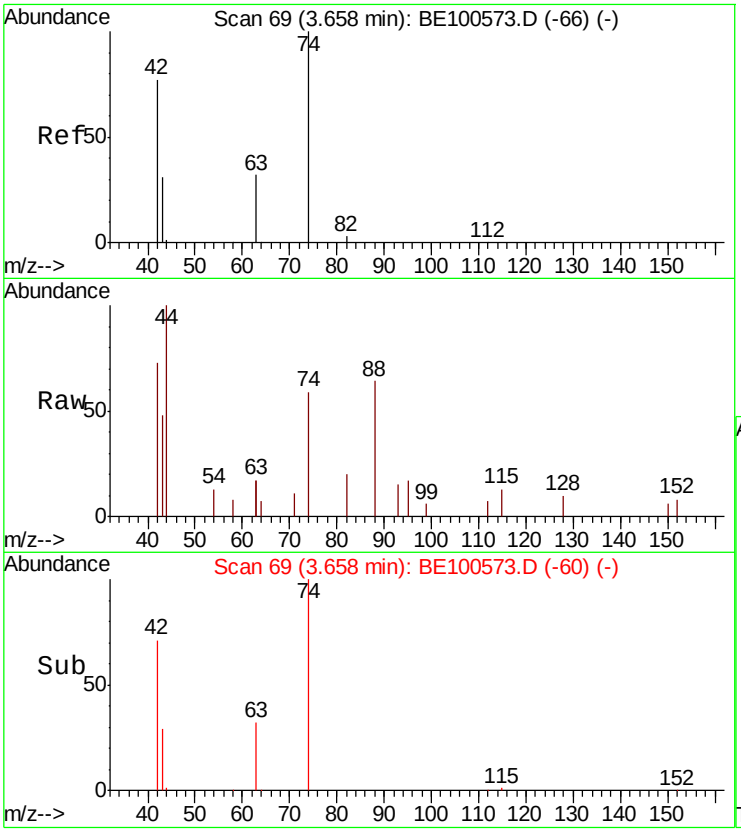


#2
1,4-Dioxane
Concen: 0.467 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion: 88 Resp: 2195

Ion	Ratio	Lower	Upper
88	100		
58	58.0	46.4	69.6
43	20.9	16.7	25.1



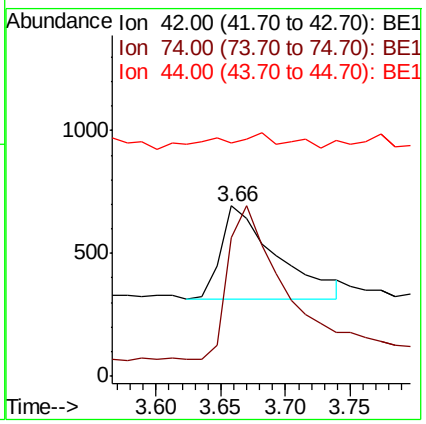


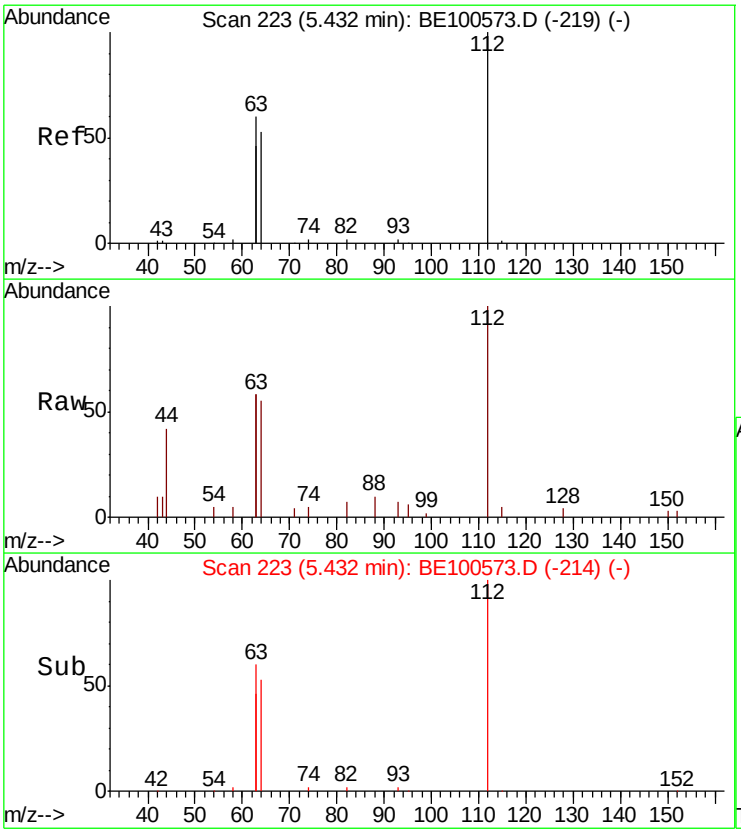
#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1135

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

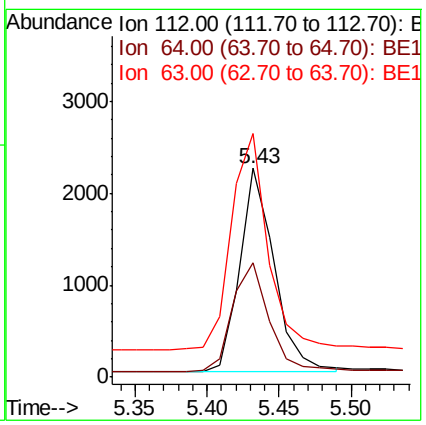


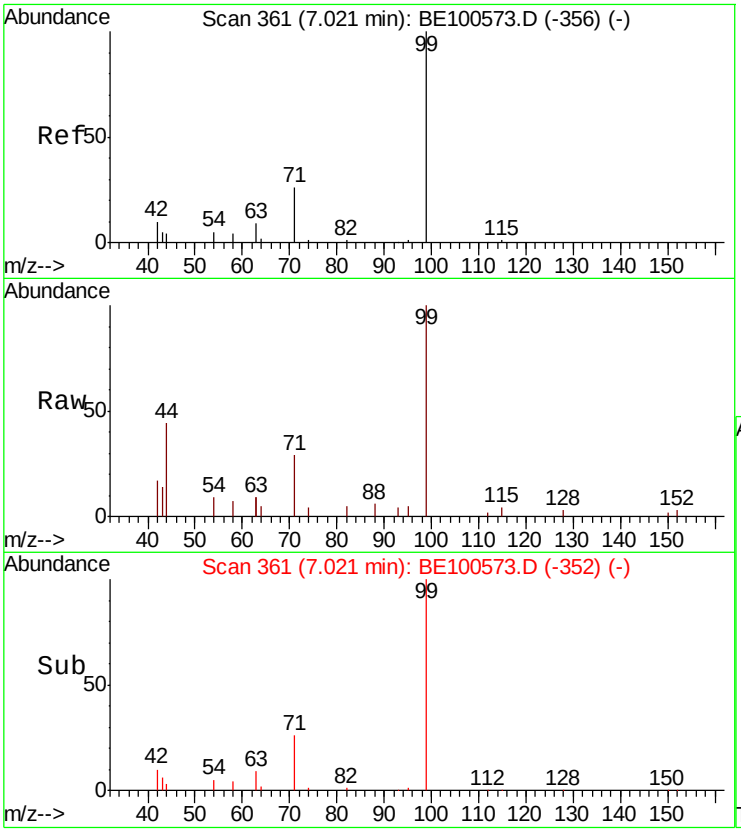


#4
2-Fluorophenol
Concen: 0.485 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:112 Resp: 3698

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	112.6	90.1	135.1



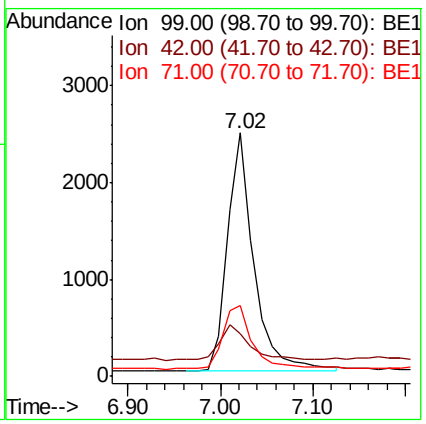


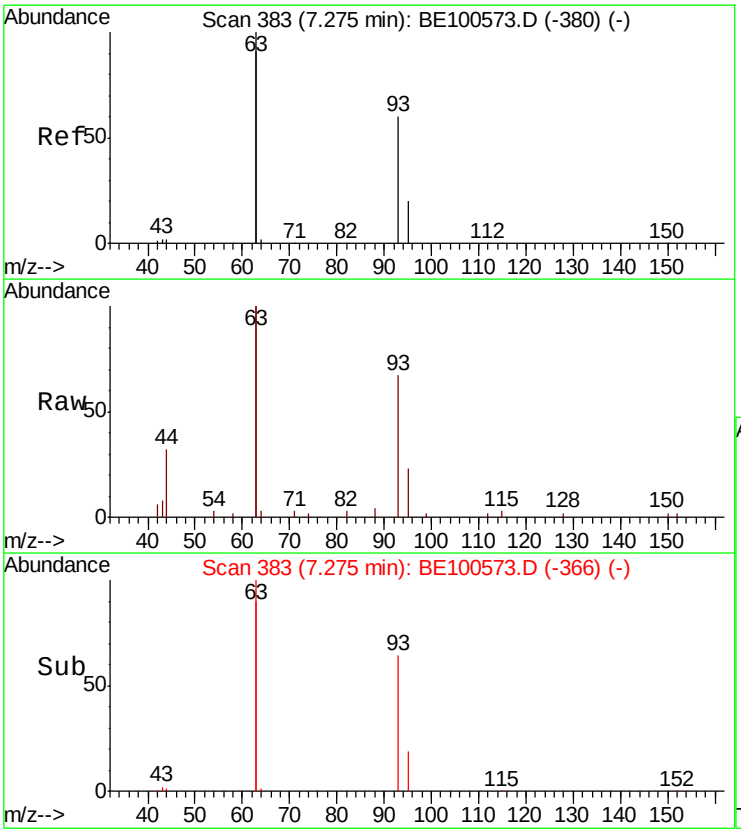
#5
Phenol-d6
Concen: 0.474 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4943

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.7	17.5
71	29.5	23.6	35.4

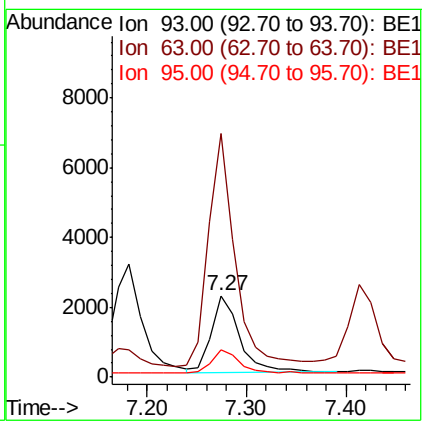


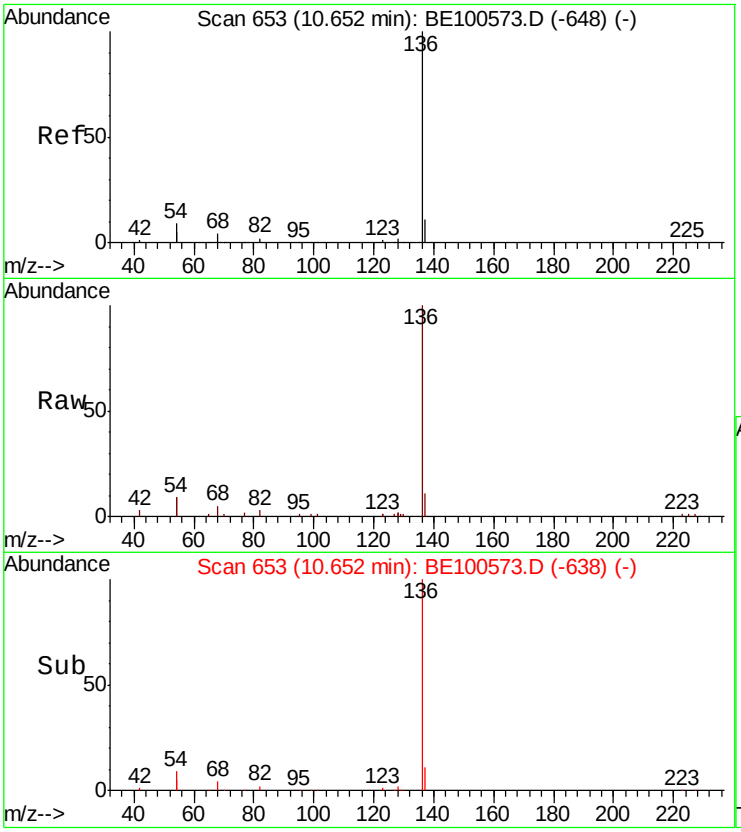


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.27 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion: 93 Resp: 4319

Ion	Ratio	Lower	Upper
93	100		
63	285.4	228.3	342.5
95	30.3	24.2	36.4



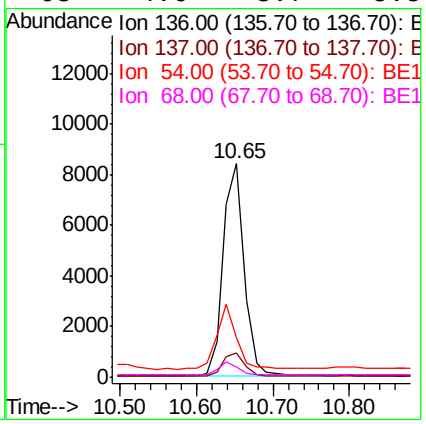


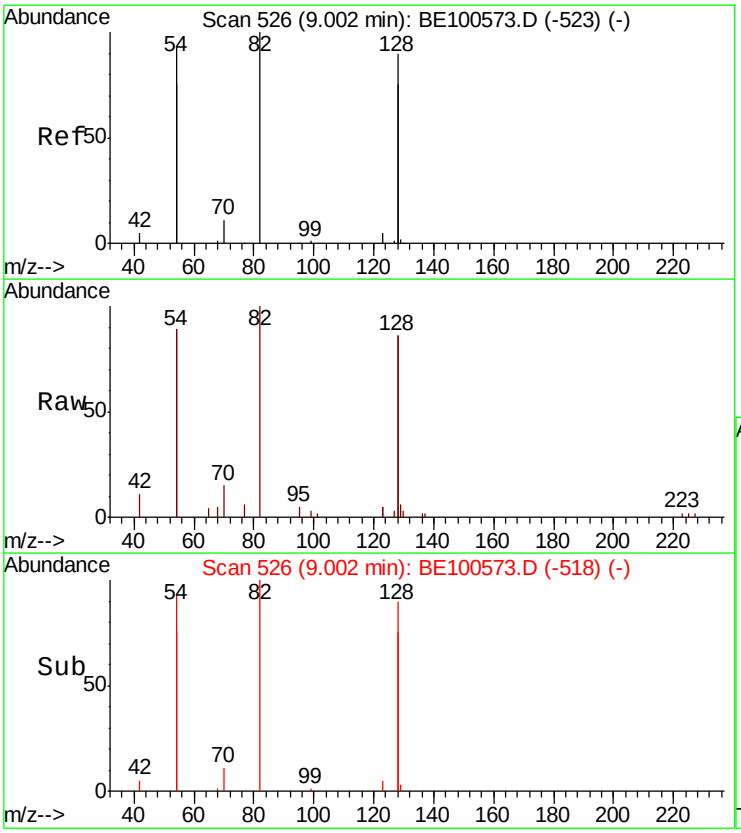
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16031

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	18.8	15.0	22.6
68	4.6	3.7	5.5

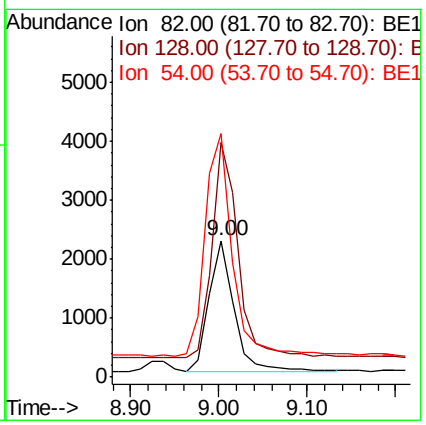


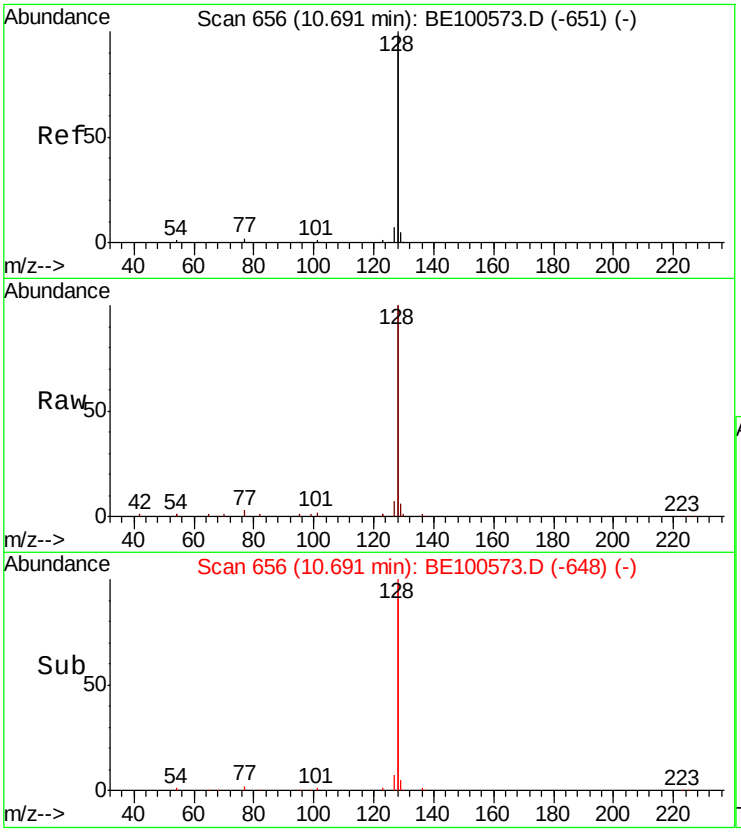


#8
Nitrobenzene-d5
Concen: 0.471 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion: 82 Resp: 4349

Ion	Ratio	Lower	Upper
82	100		
128	172.4	137.9	206.9
54	178.8	143.0	214.6



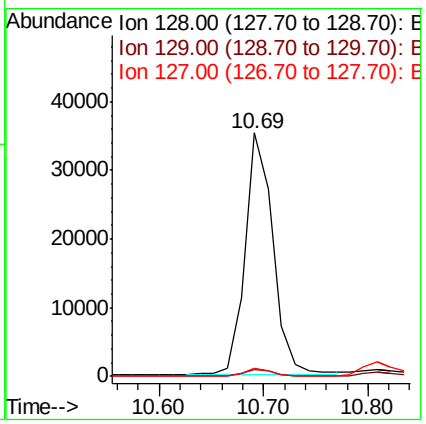


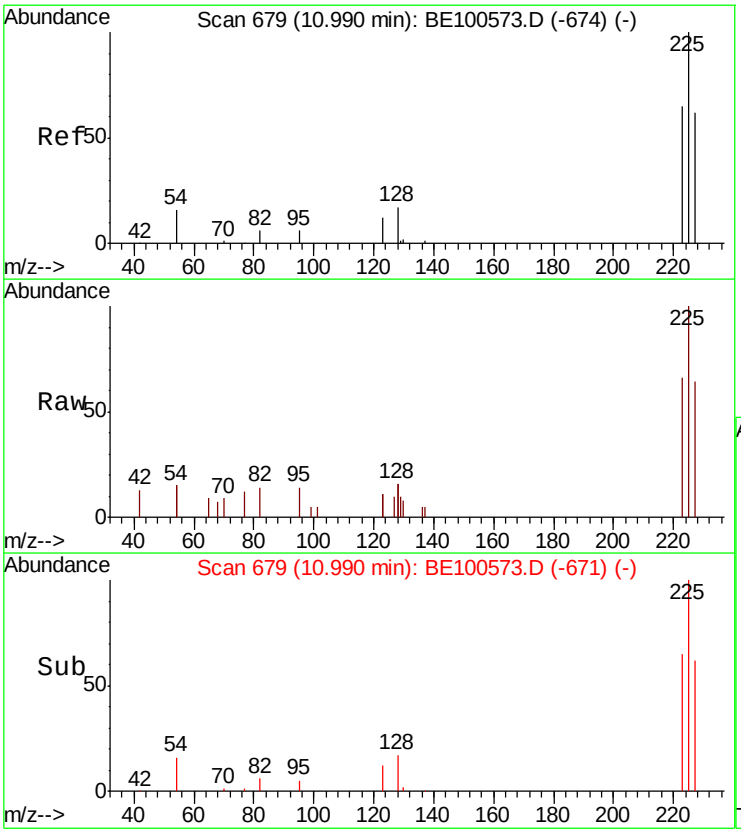
#9
Naphthalene
Concen: 0.392 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 65117

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.5	2.8	4.2

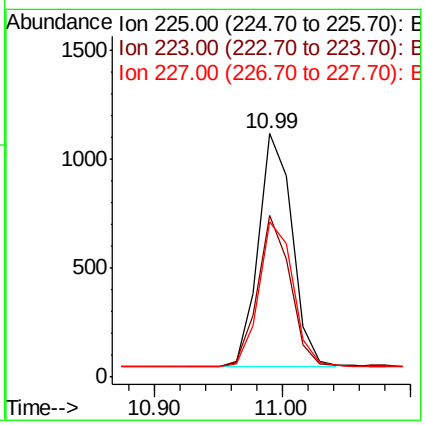


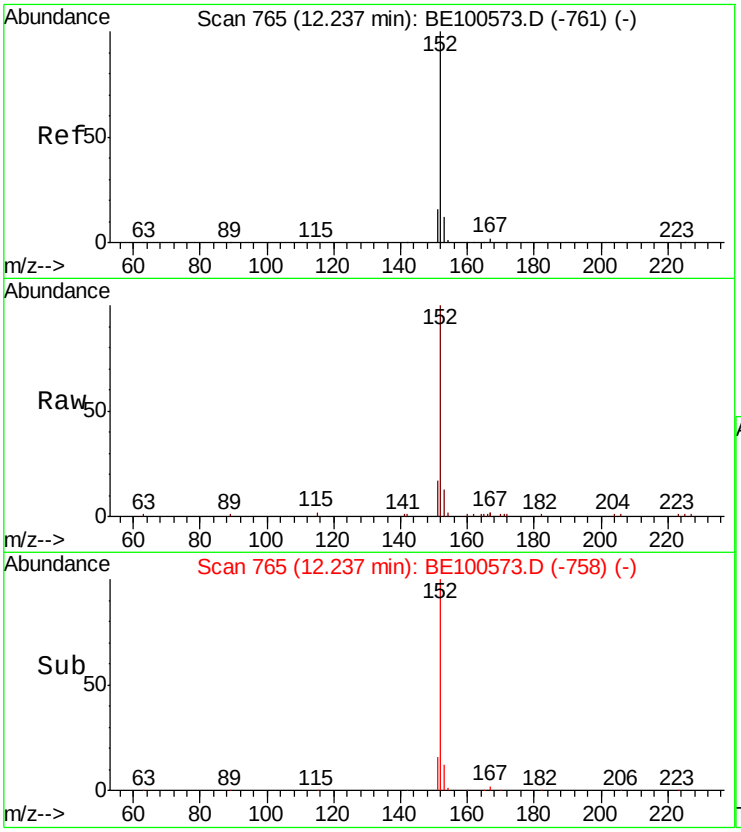


#10
Hexachlorobutadiene
Concen: 0.371 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:225 Resp: 1973

Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.0
227	62.9	50.3	75.5



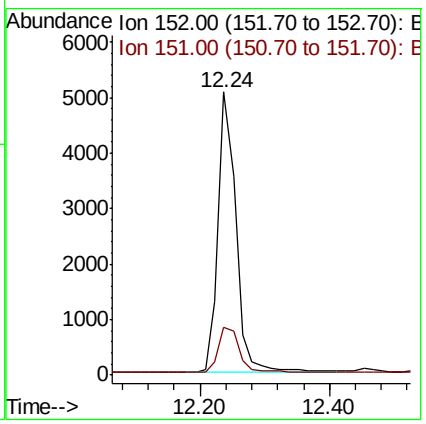


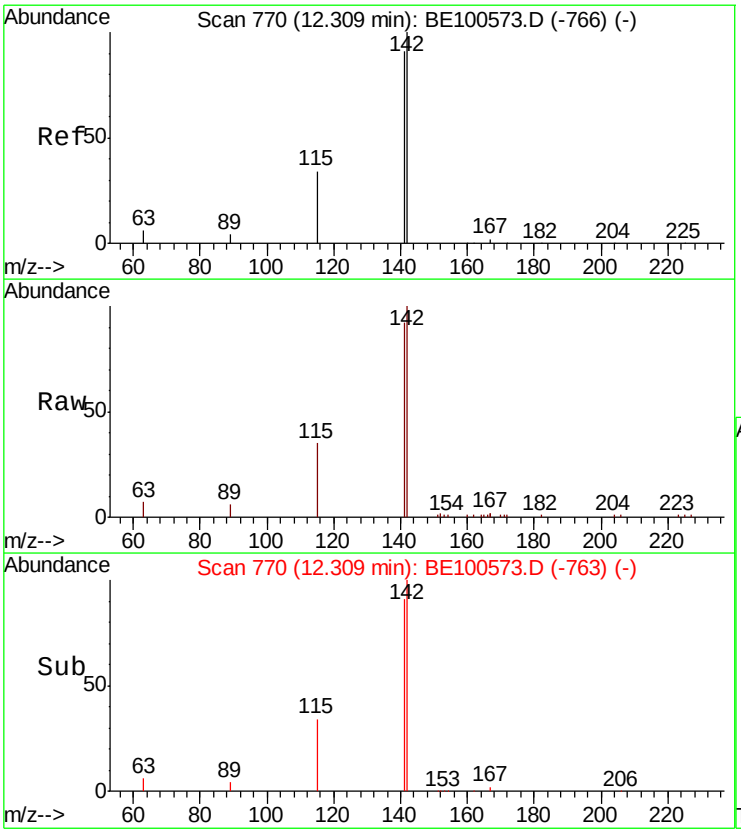
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9614

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

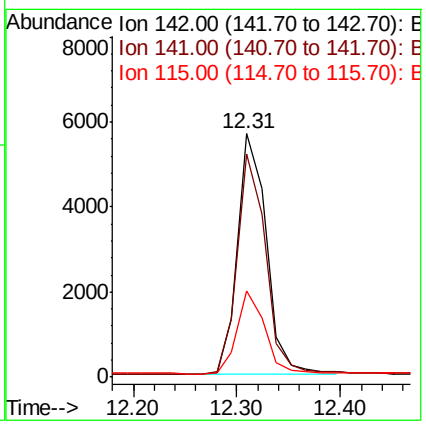


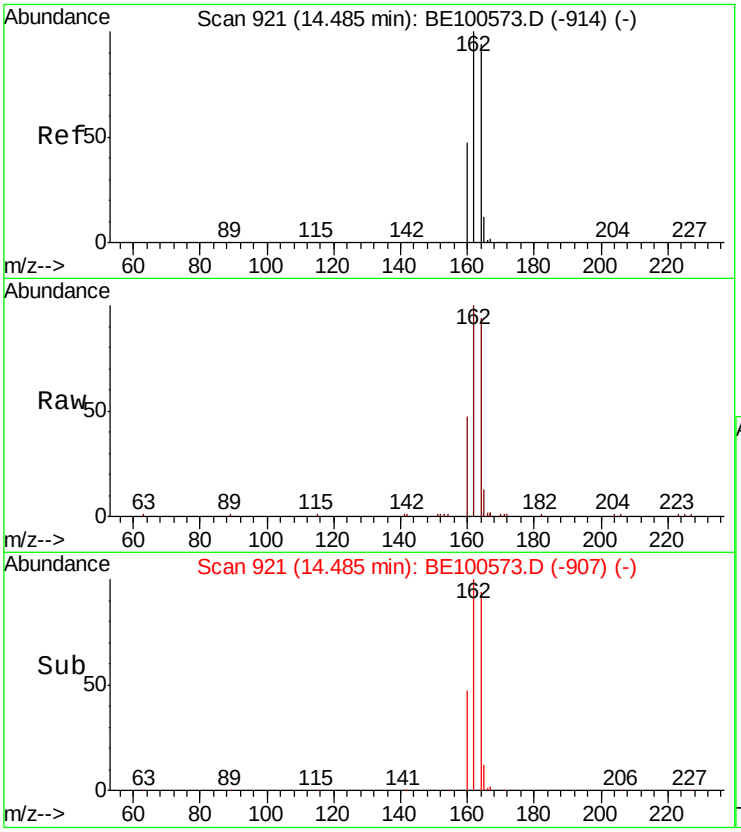


#12
2-Methylnaphthalene
Concen: 0.415 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:142 Resp: 10964

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8
115	35.2	28.2	42.2



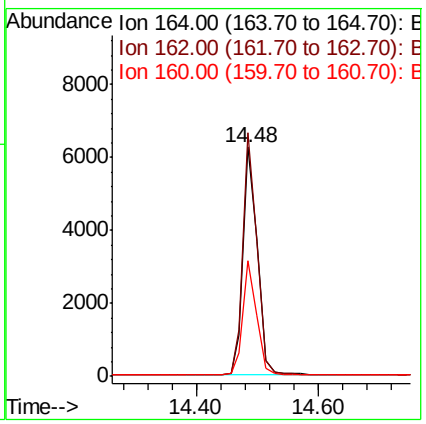


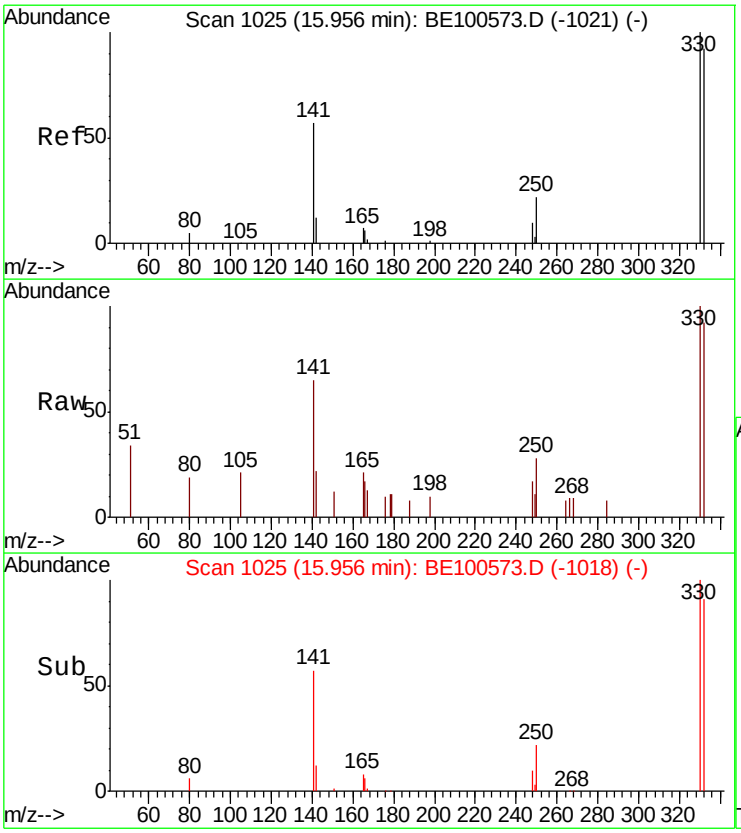
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10010

Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.0	127.4
160	50.3	40.2	60.4

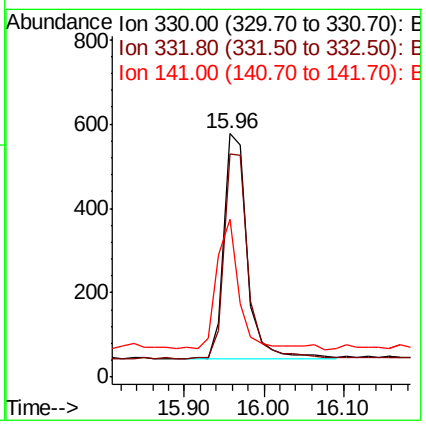


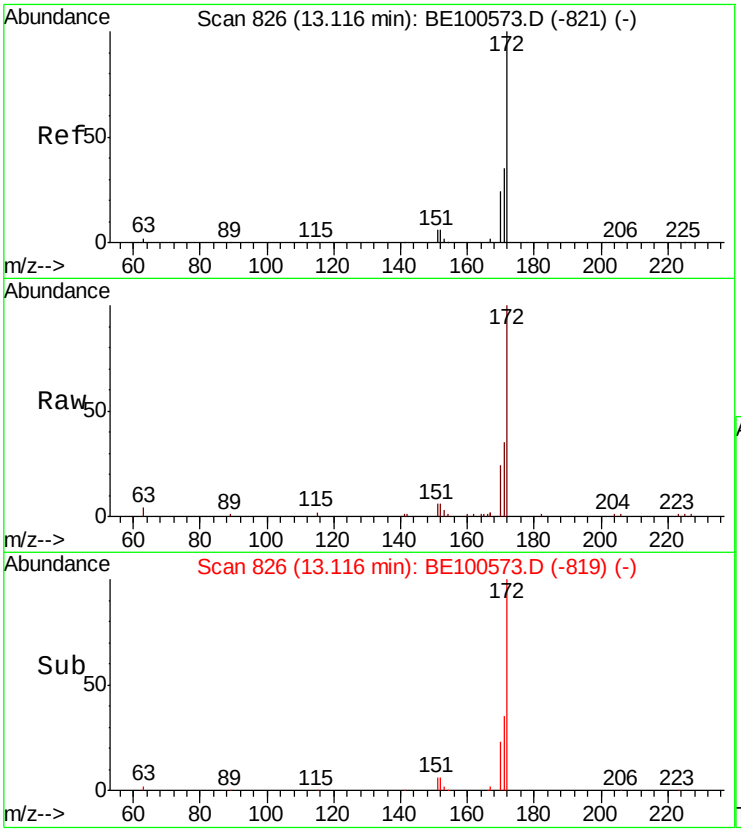


#14
2,4,6-Tribromophenol
Concen: 0.668 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:330 Resp: 1081

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	52.6	42.1	63.1



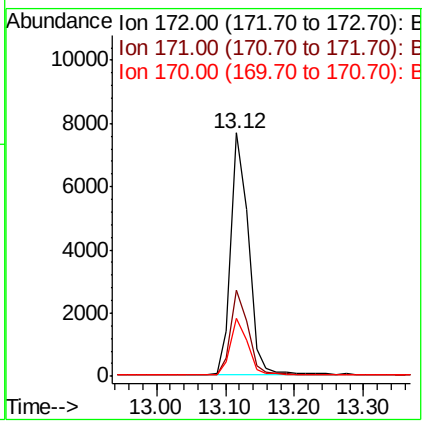


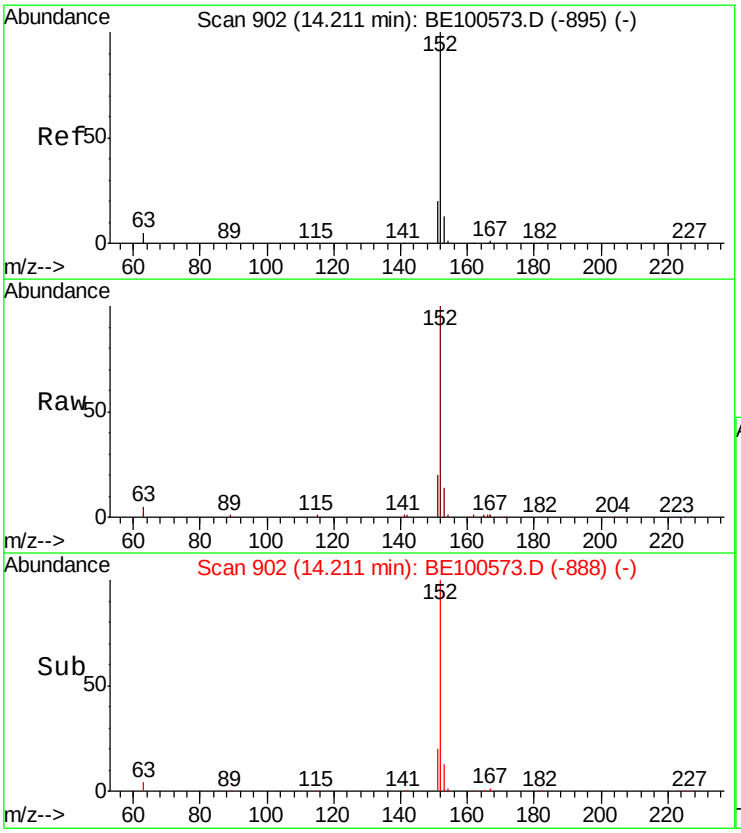
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13562

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	24.0	19.2	28.8

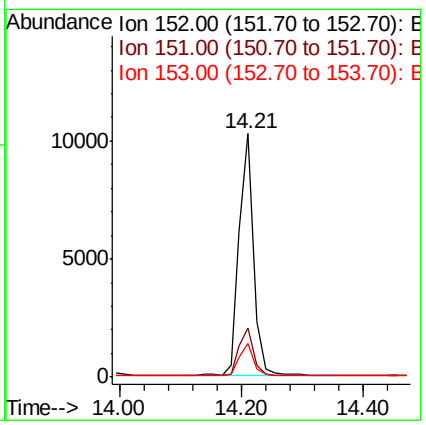


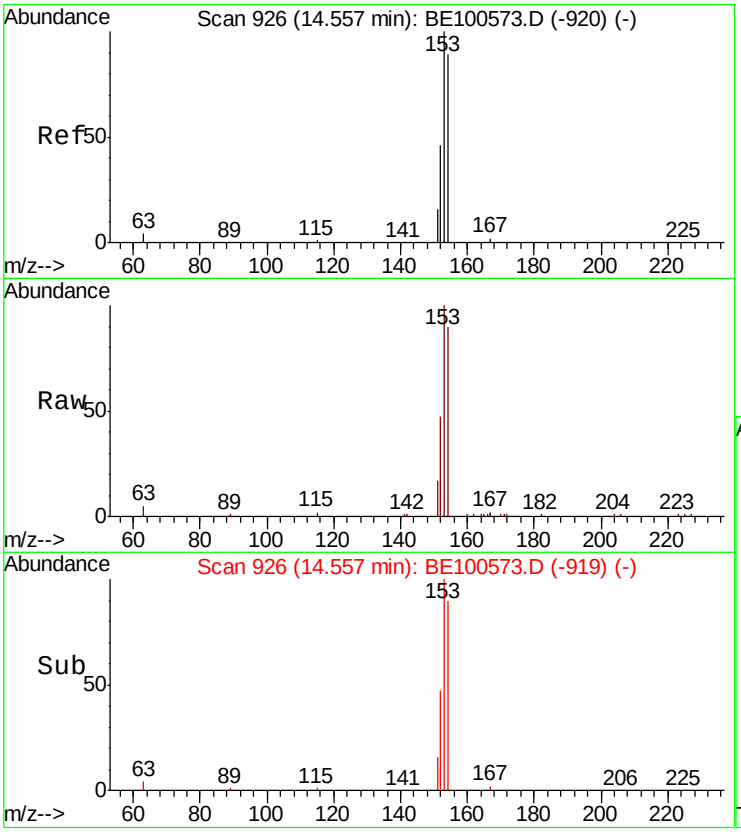


#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:152 Resp: 17226

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.2	10.6	16.0



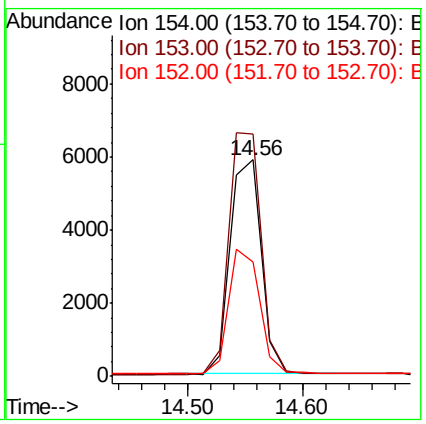


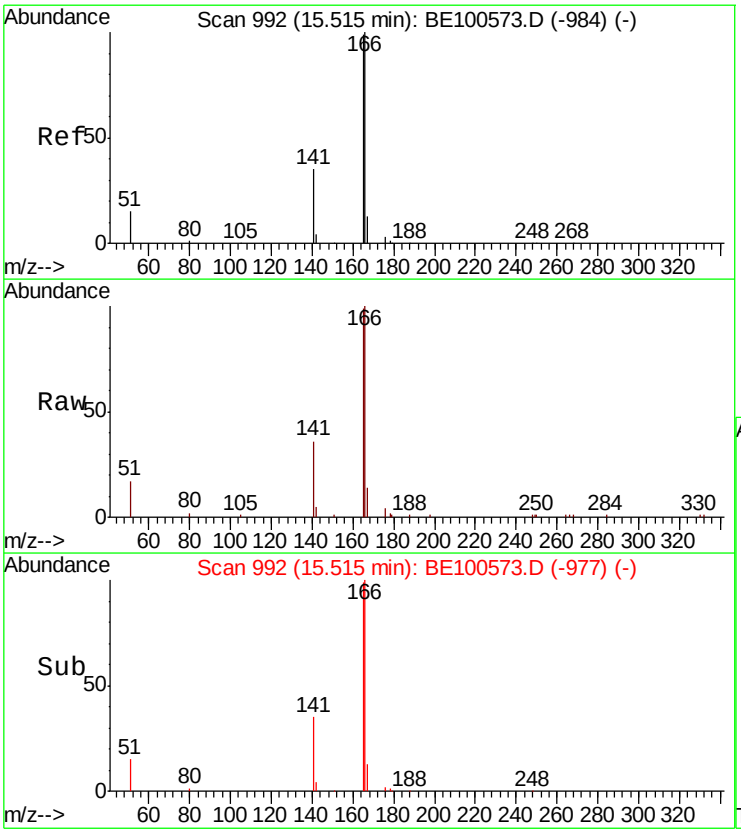
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 11049

Ion	Ratio	Lower	Upper
154	100		
153	117.0	92.7	139.1
152	57.6	45.6	68.4

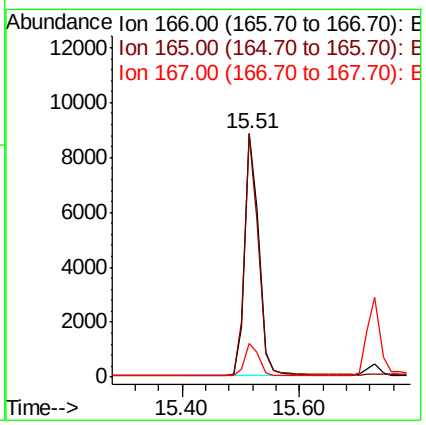


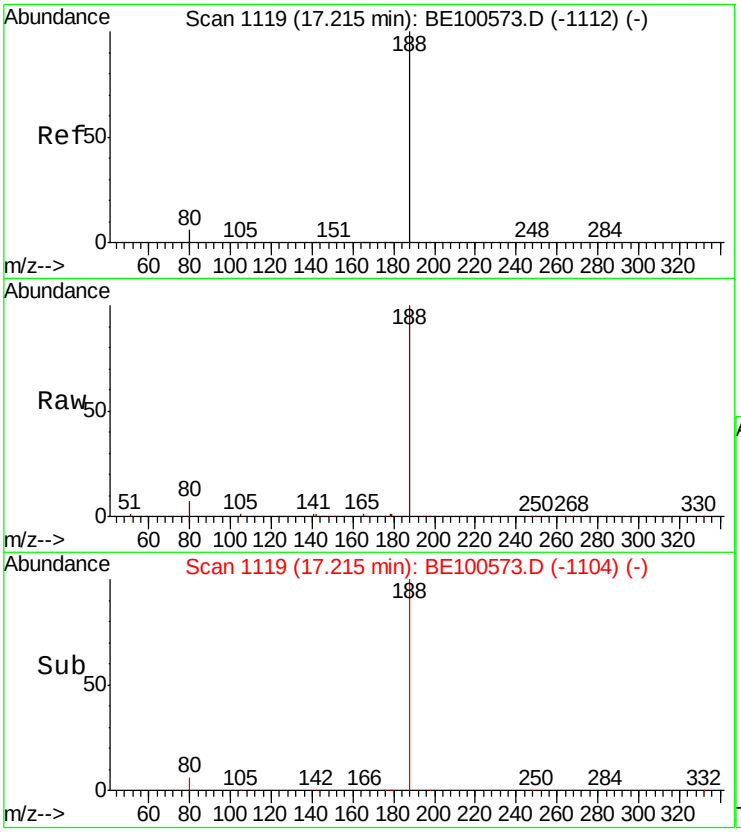


#18
Fluorene
Concen: 0.420 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:166 Resp: 14634

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	13.4	10.7	16.1



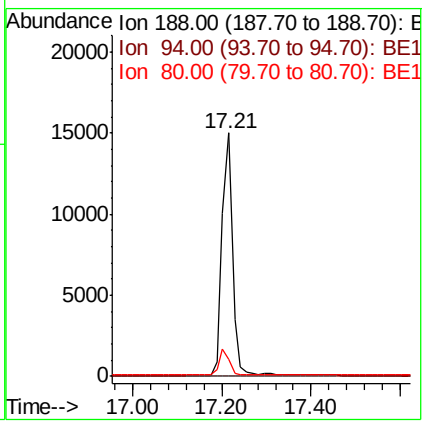


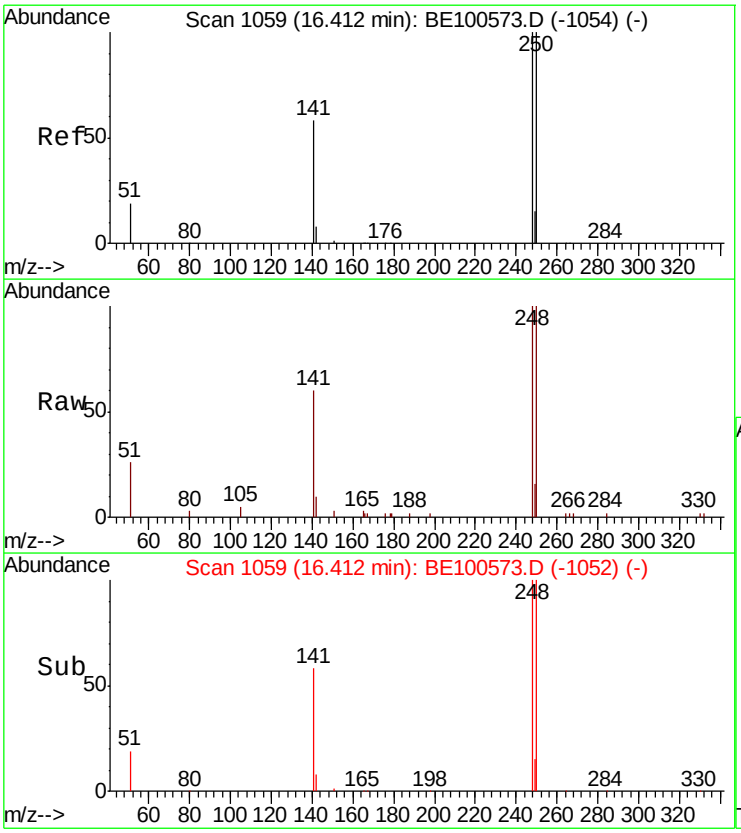
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24708

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	5.6	8.4

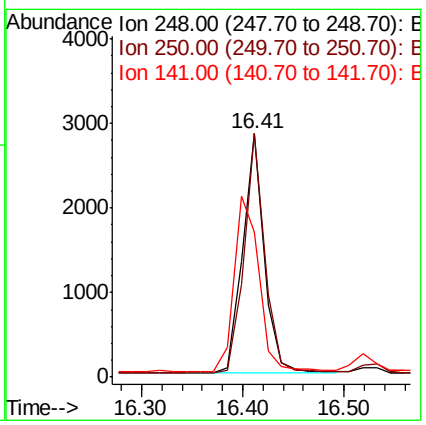


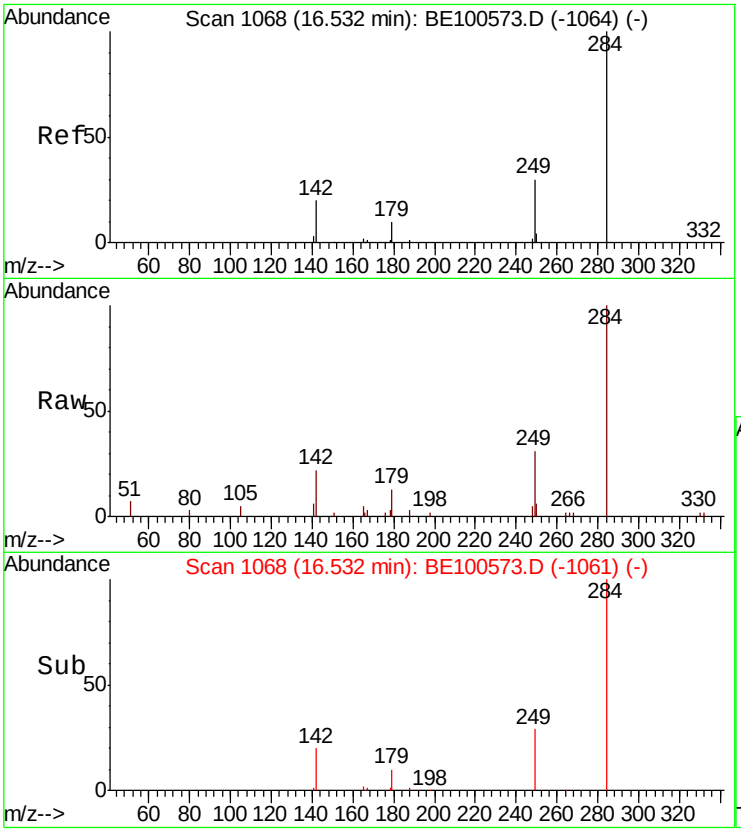


#20
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:248 Resp: 4228

Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.9	119.9
141	59.6	47.7	71.5



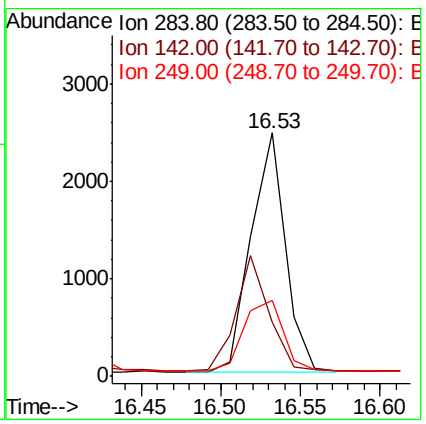


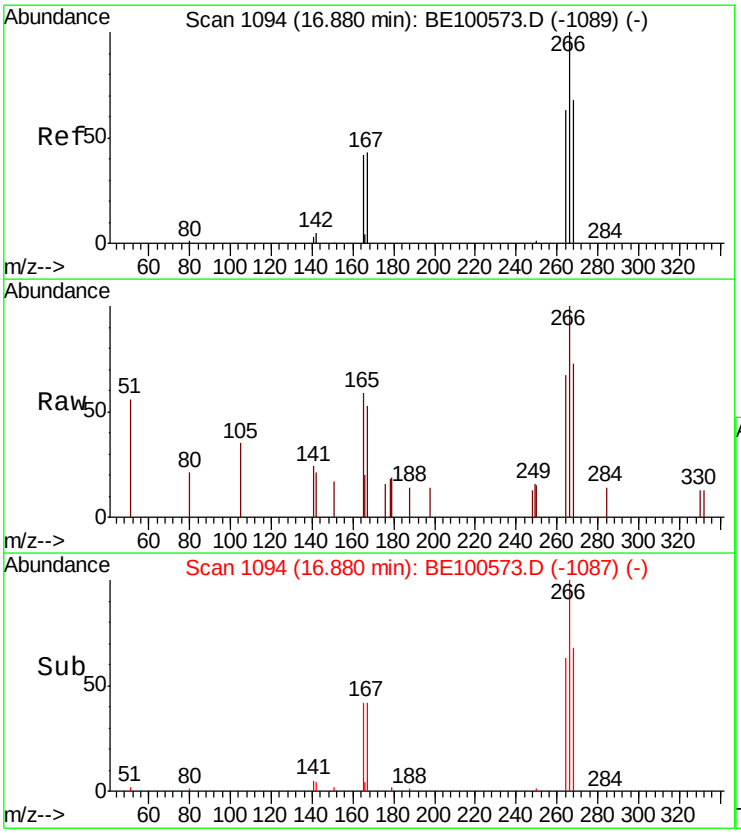
#21
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3658

Ion	Ratio	Lower	Upper
284	100		
142	46.2	37.0	55.4
249	33.7	27.0	40.4

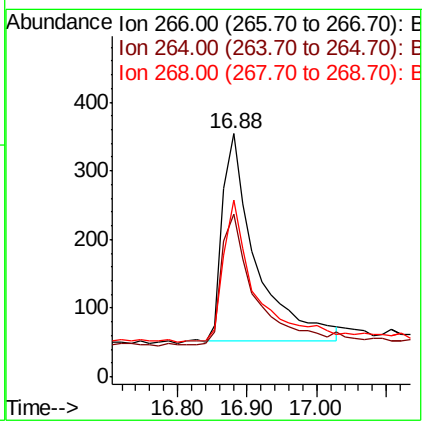


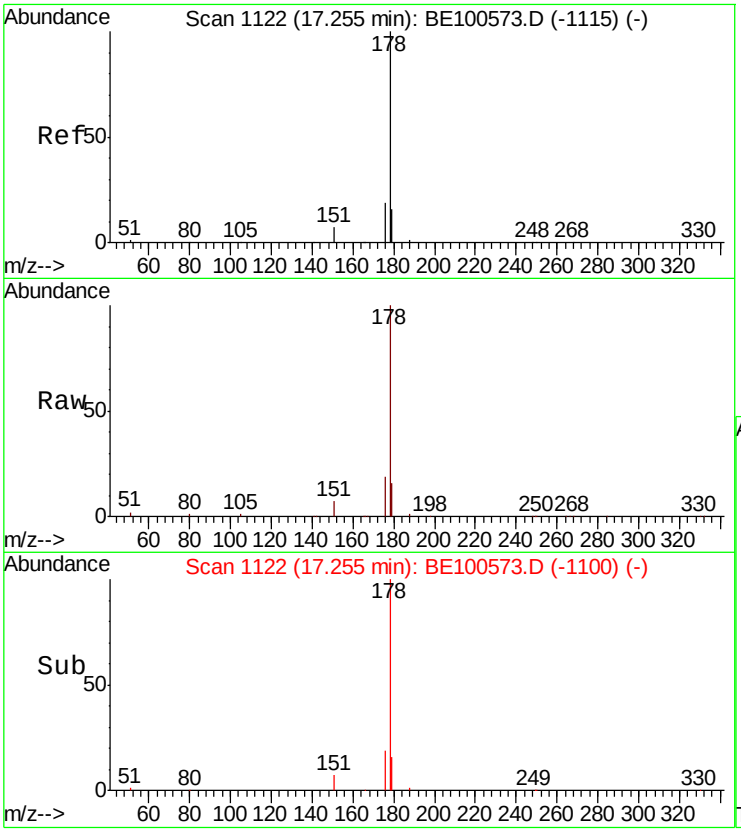


#22
Pentachlorophenol
Concen: 0.432 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:266 Resp: 998

Ion	Ratio	Lower	Upper
266	100		
264	66.9	53.5	80.3
268	72.9	58.3	87.5



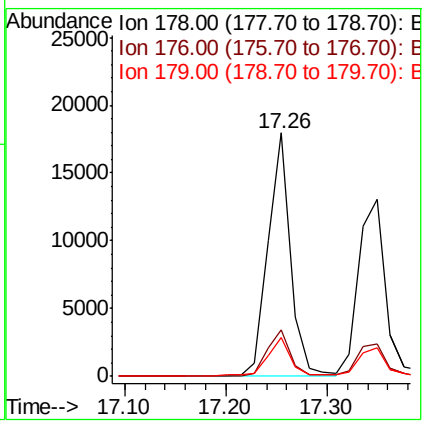


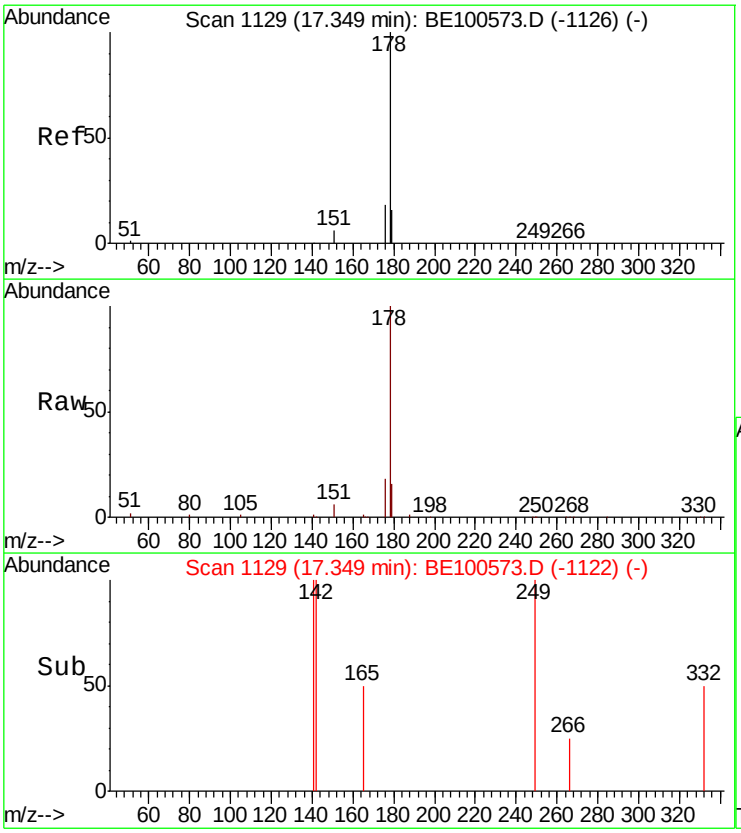
#23
Phenanthrene
Concen: 0.397 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 27319

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.5	12.4	18.6

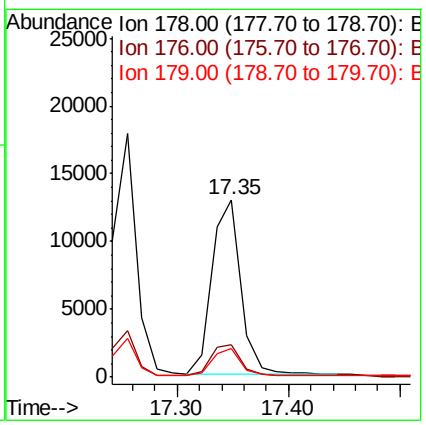


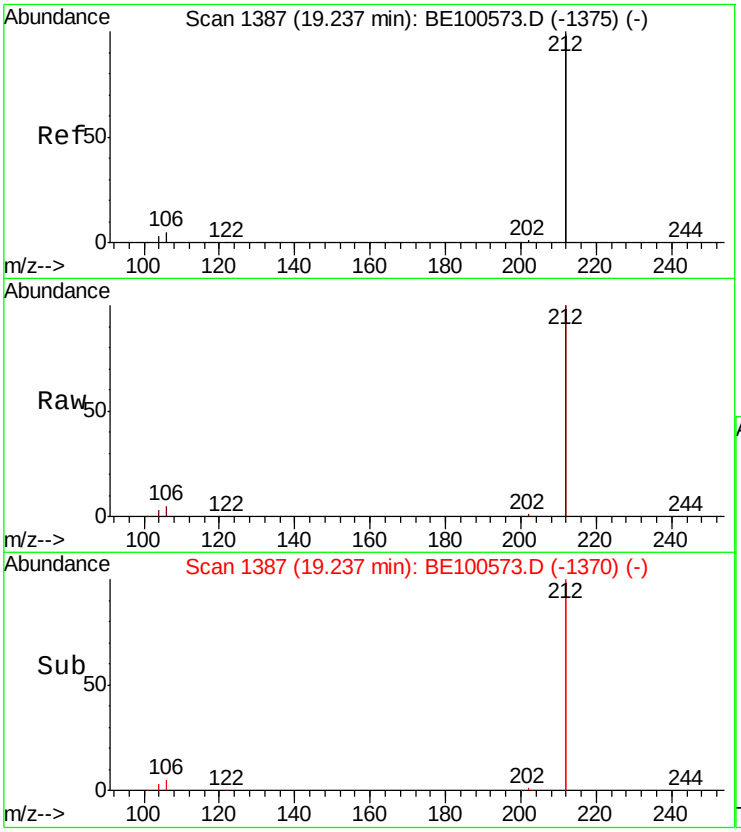


#24
Anthracene
Concen: 0.402 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:178 Resp: 23309

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.3	18.5



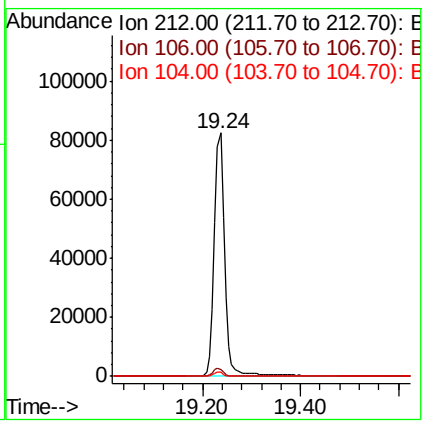


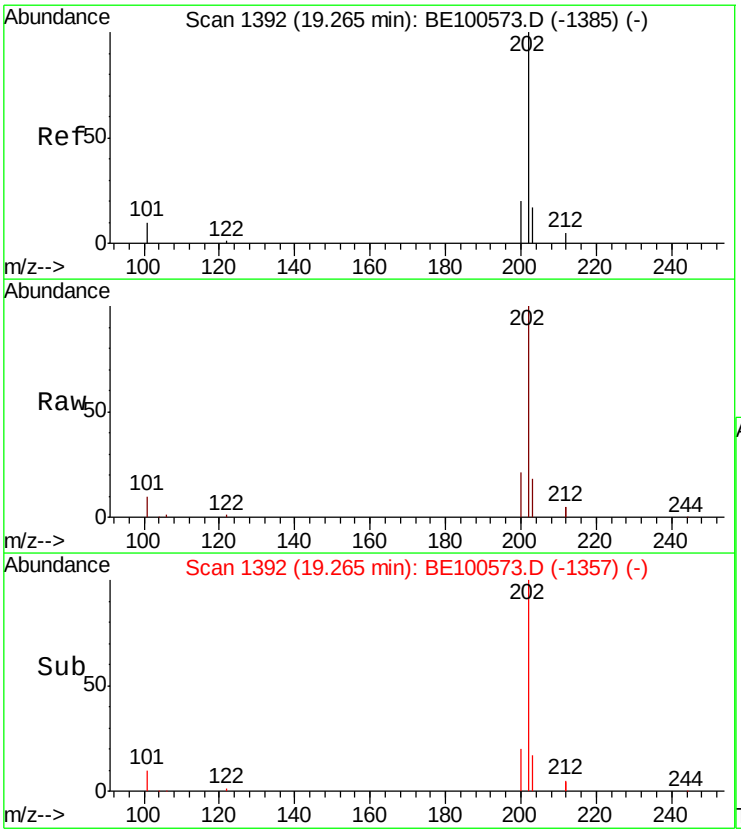
#25
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 120874

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.5	3.7
104	1.7	1.4	2.0

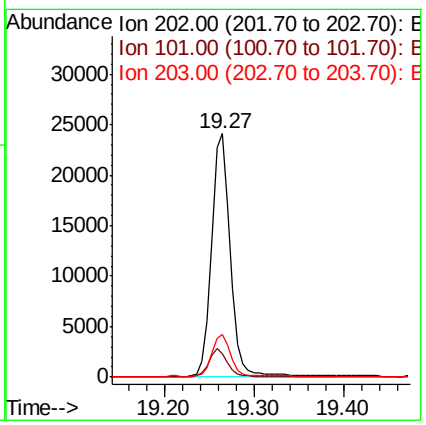


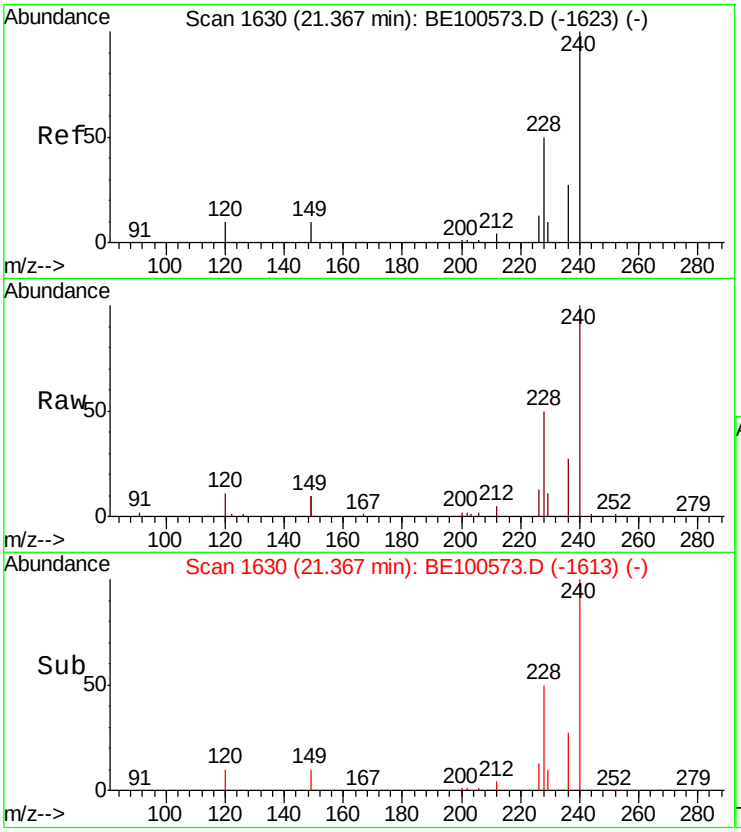


#26
Fluoranthene
Concen: 0.418 ng
RT: 19.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:202 Resp: 34709

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.0	13.6	20.4



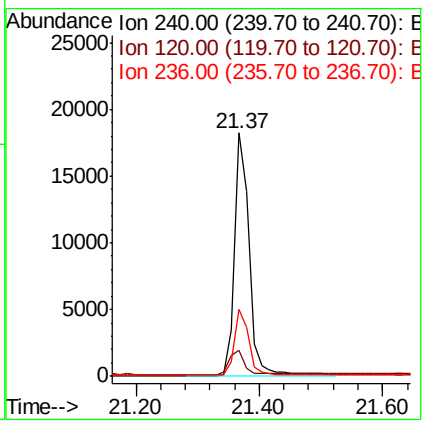


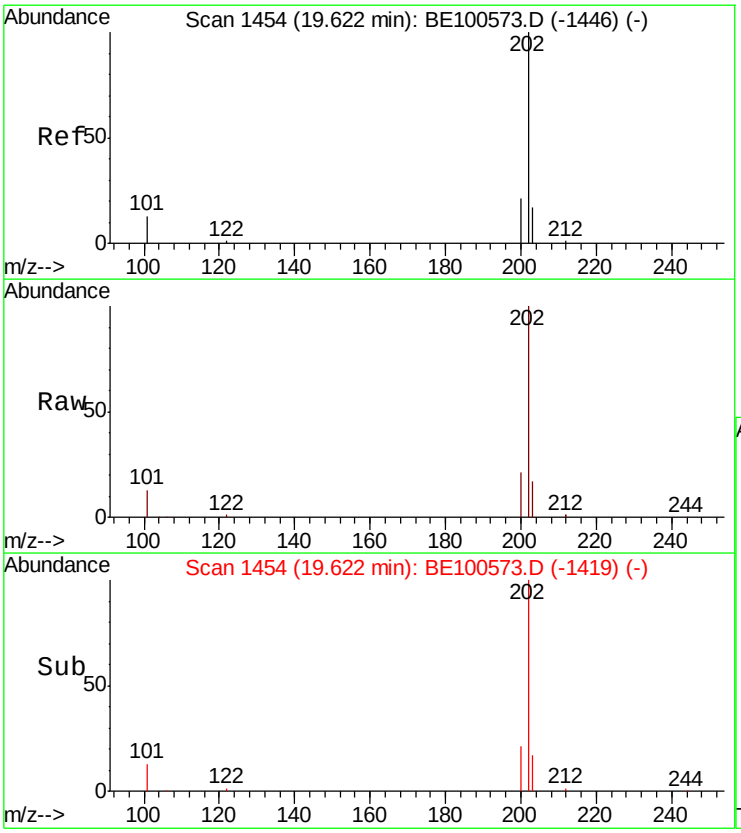
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 29298

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.7	13.1
236	27.3	21.8	32.8

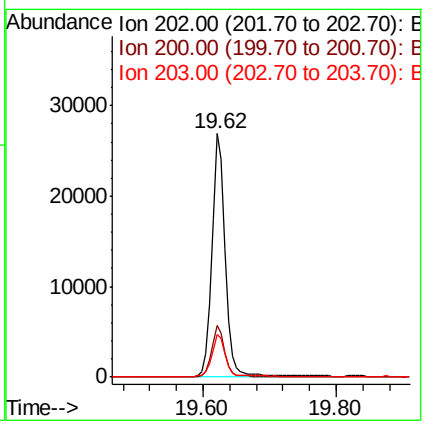


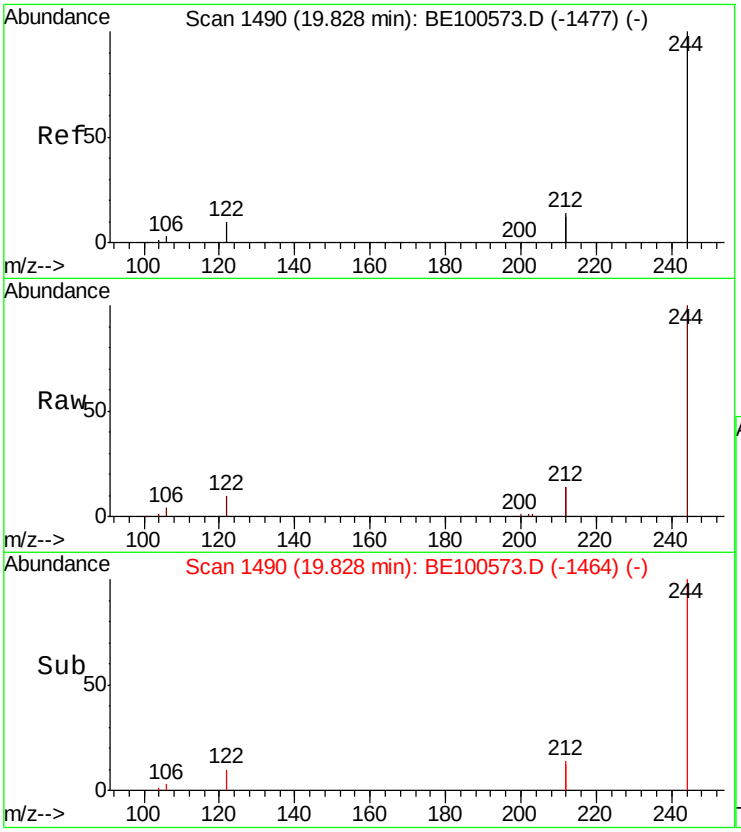


#28
Pyrene
Concen: 0.434 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:202 Resp: 36556

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.7	14.2	21.2



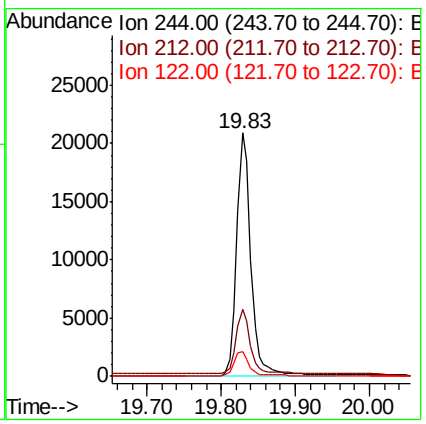


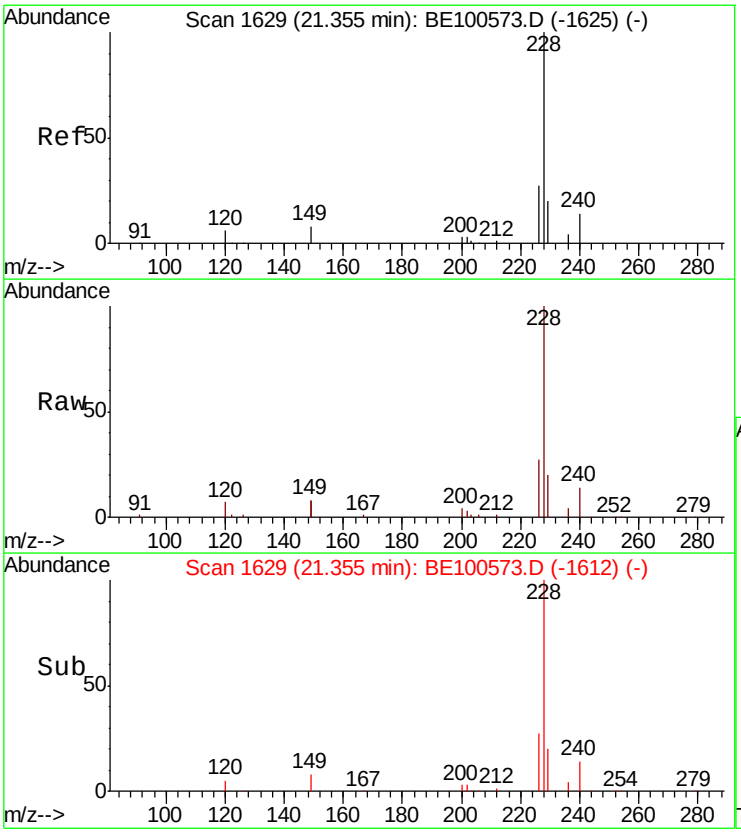
#29
Terphenyl-d14
Concen: 0.403 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 27971

Ion	Ratio	Lower	Upper
244	100		
212	27.3	21.8	32.8
122	10.3	8.2	12.4

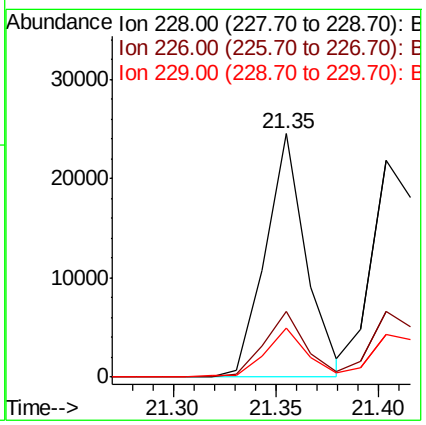


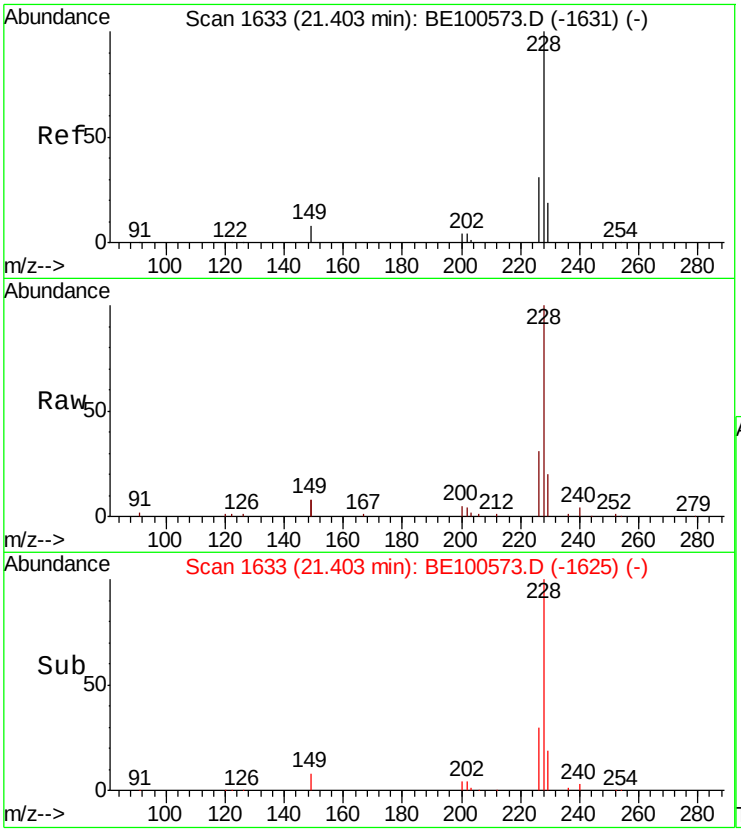


#30
Benzo(a)anthracene
Concen: 0.433 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:228 Resp: 33873

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	20.1	16.1	24.1



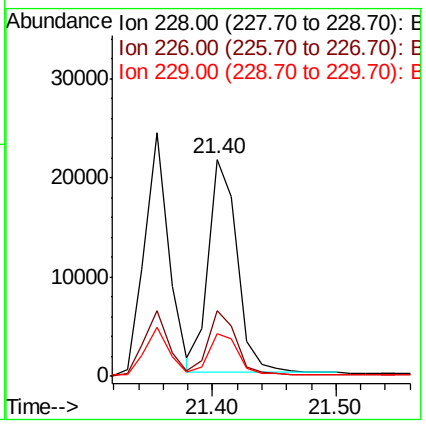


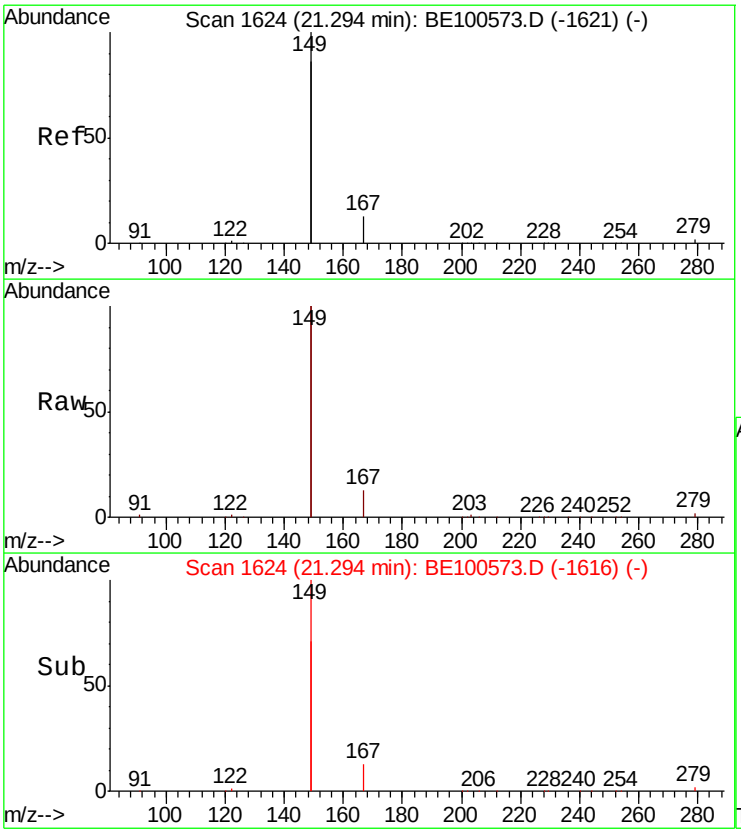
#31
Chrysene
Concen: 0.395 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 35189

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.5	15.6	23.4

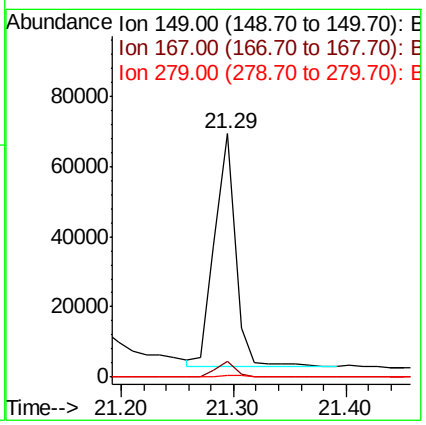


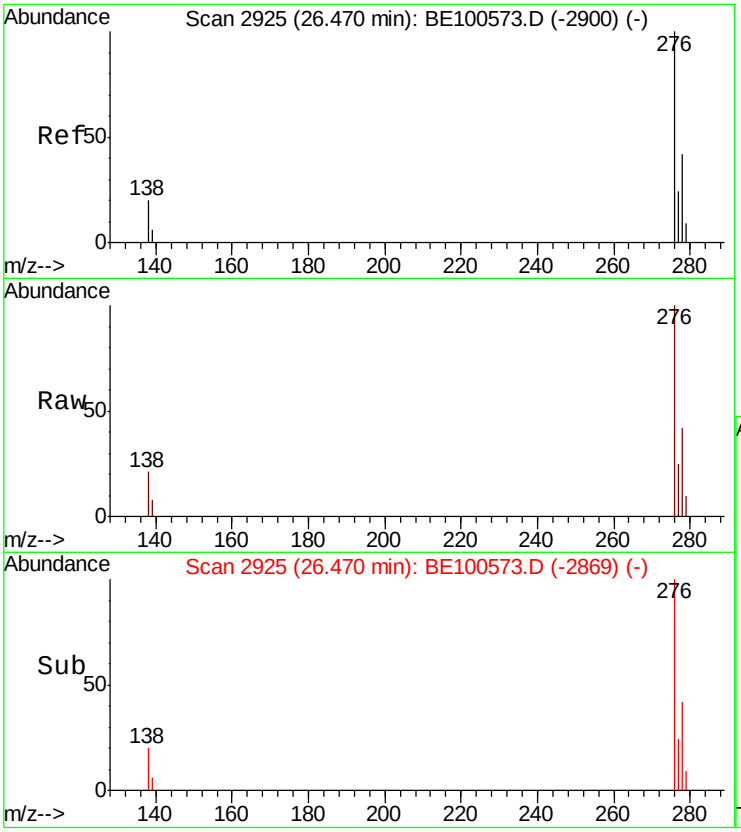


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.003 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:149 Resp: 84623

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.0	7.6
279	1.0	0.8	1.2



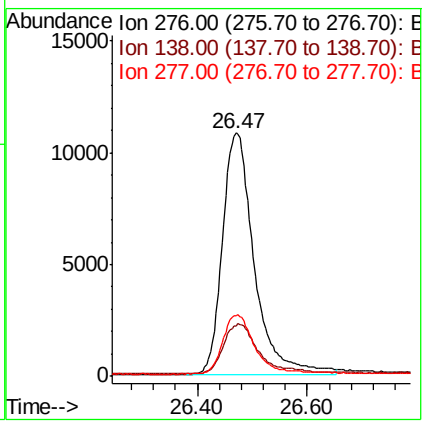


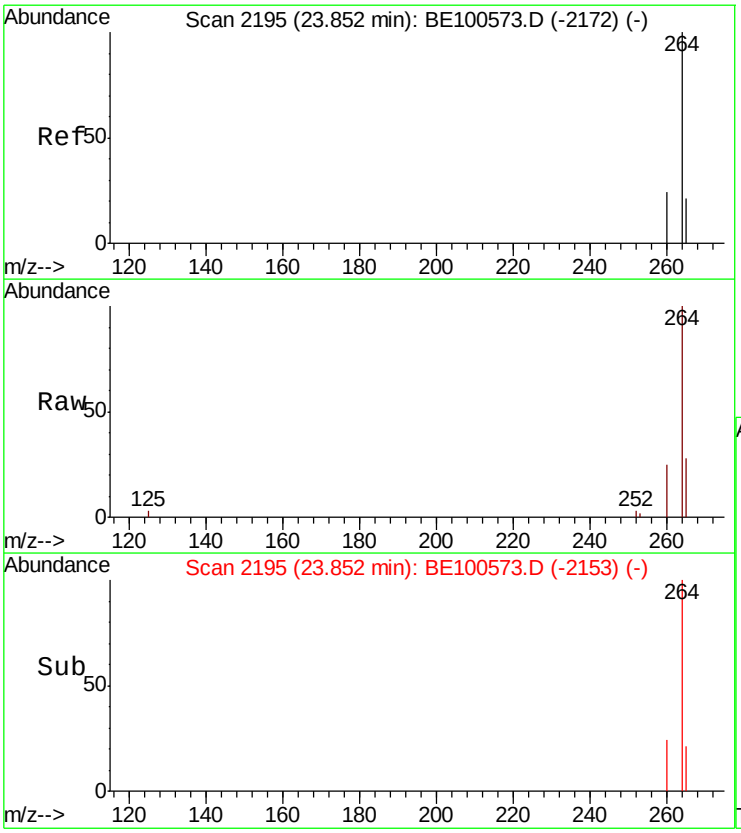
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng
RT: 26.47 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 43351

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.6	27.8
277	24.2	19.4	29.2

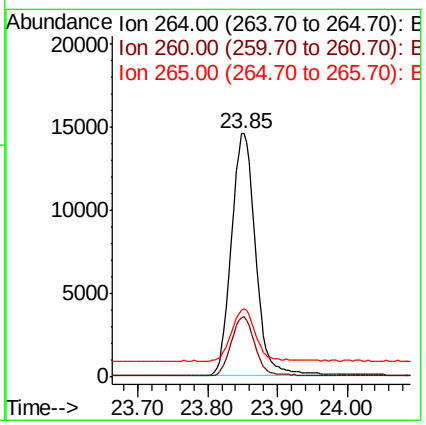


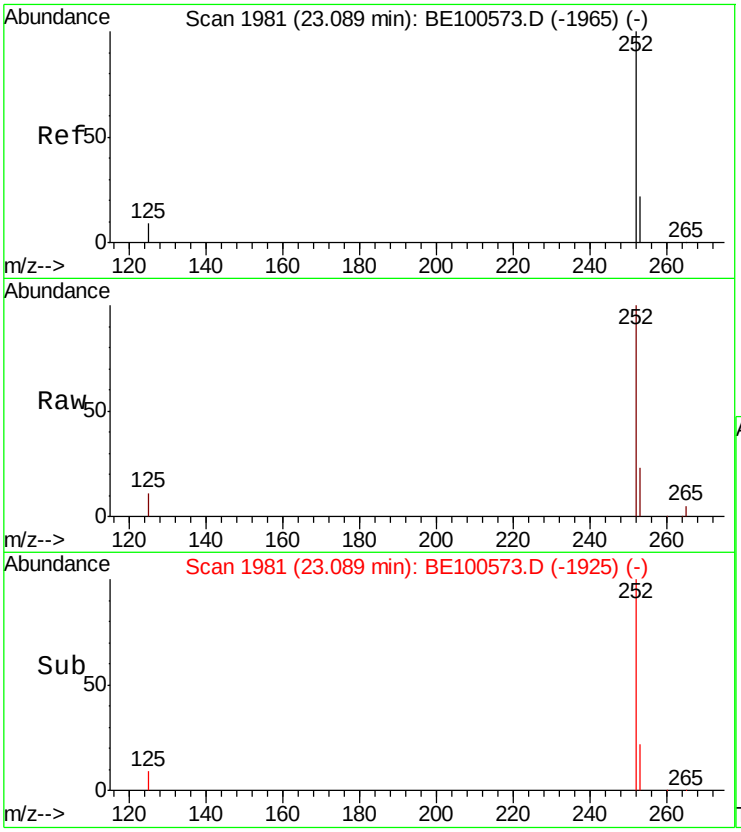


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:264 Resp: 34637

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	27.8	22.2	33.4



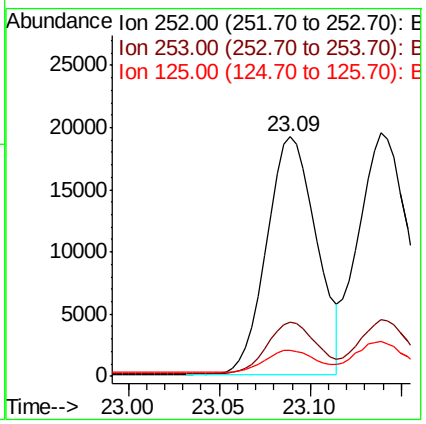


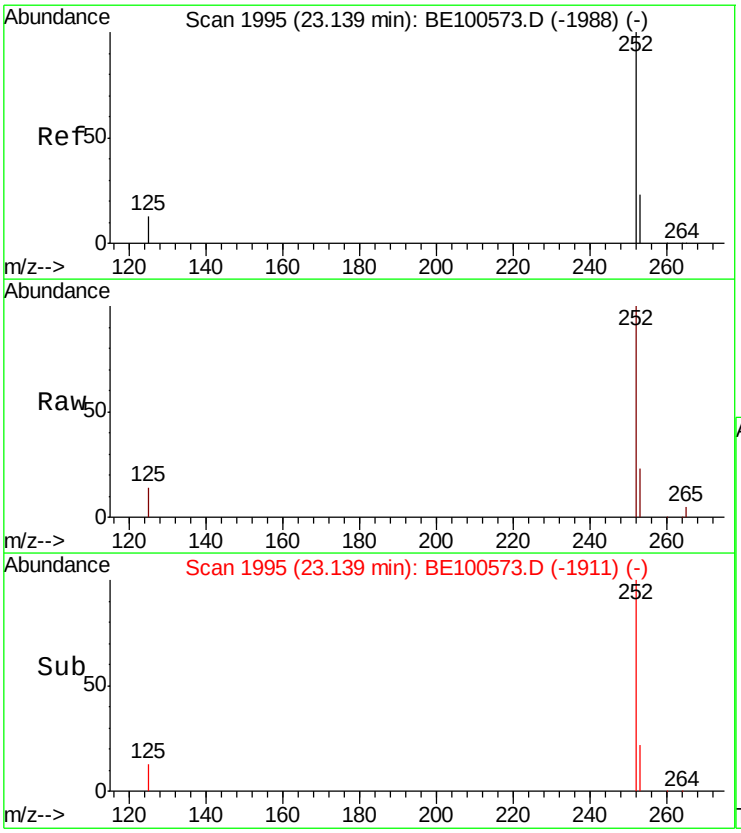
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.09 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36186

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.9	8.7	13.1

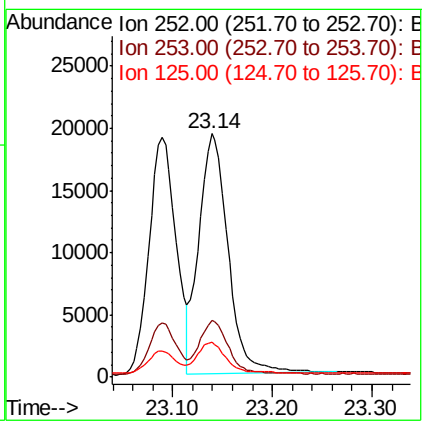


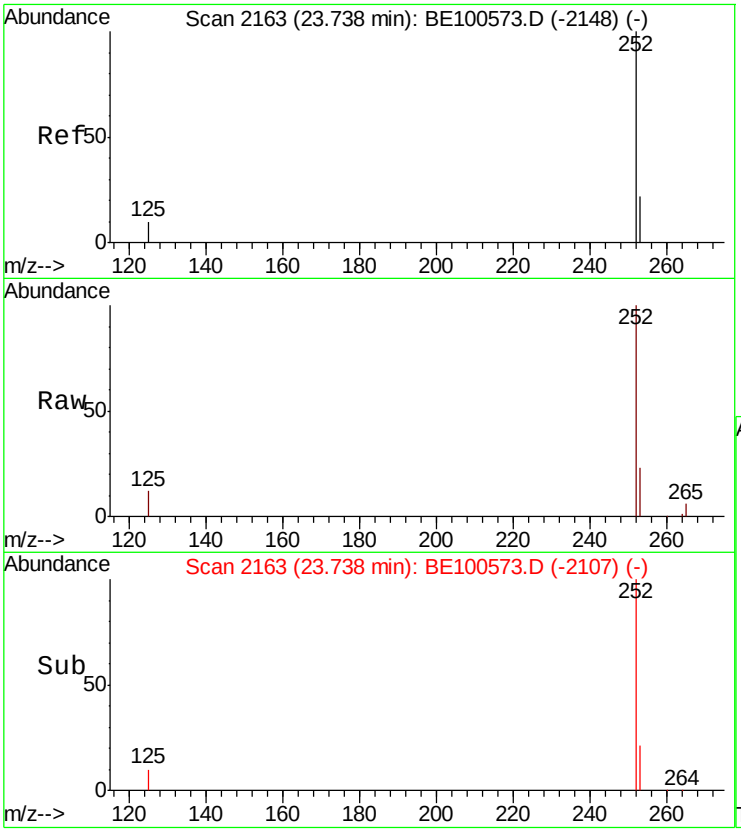


#36
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:252 Resp: 39202

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	14.3	11.4	17.2



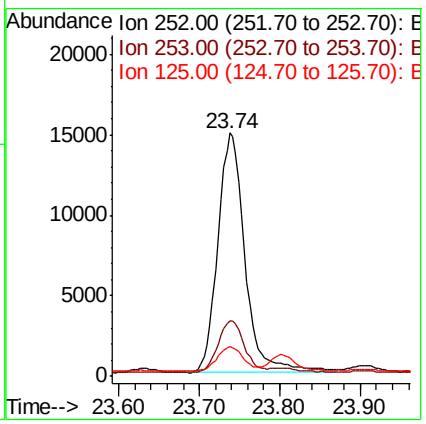


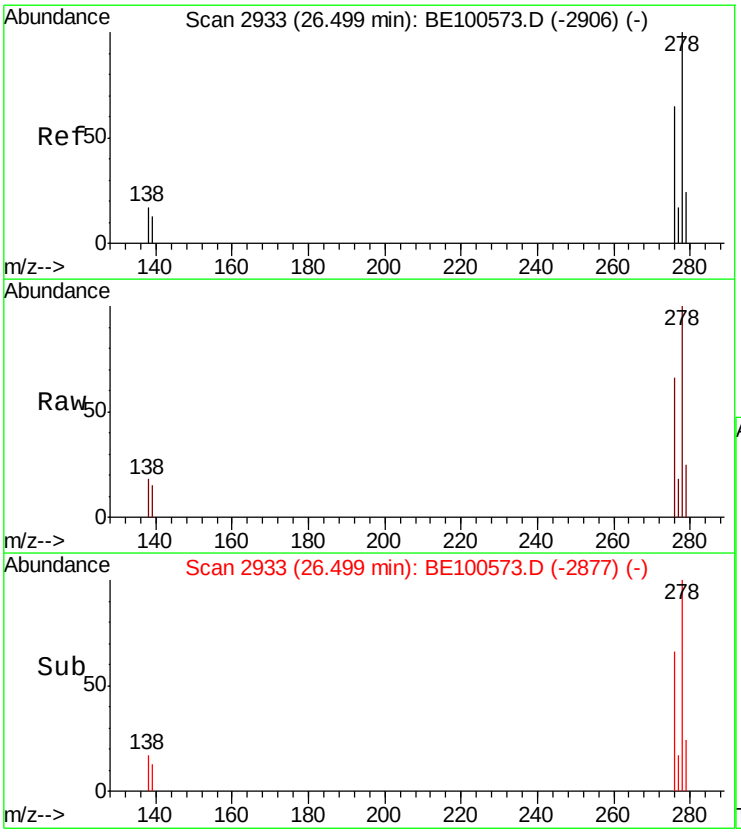
#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.74 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35029

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.2	9.8	14.6

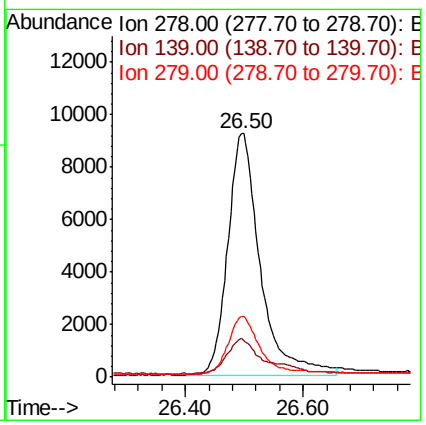


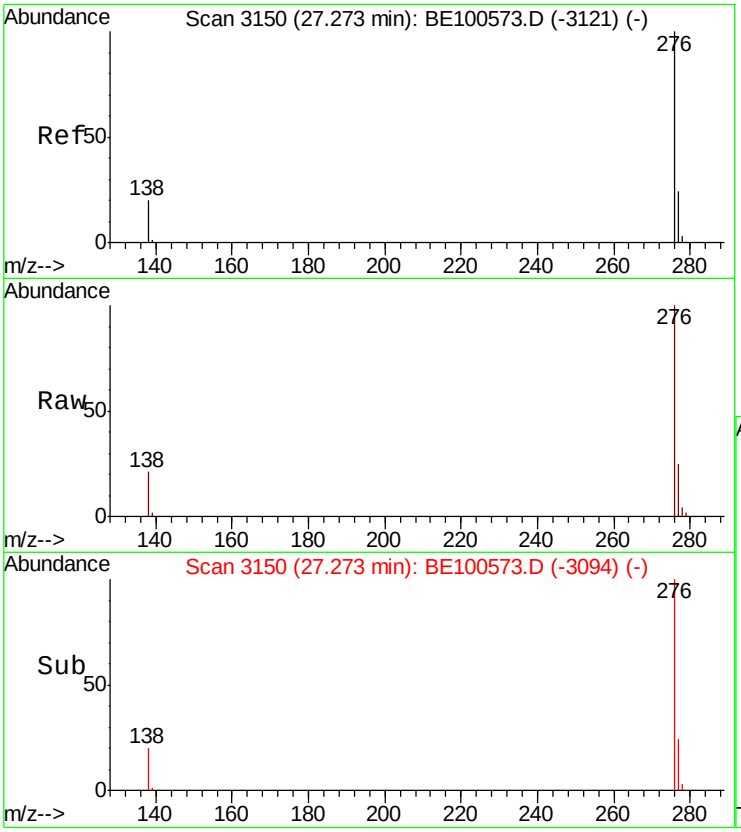


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.50 min Scan# 2933
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:278 Resp: 35117

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	24.9	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 27.27 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 36540

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	21.2	17.0	25.4