Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100577.D
Acq On : 27 Sep 2019 17:44
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 27 18:20:14 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	3232	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	16508	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	10390	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	23617	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29403	0.40	ng		0.00
34) Perylene-d12	23.85	264	31547	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	49527	6.55	ng		0.00
5) Phenol-d6	7.02	99	71114	6.87	ng		0.00
8) Nitrobenzene-d5	9.00	82	66903	7.03	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	134356	5.44	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	17721	10.55	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	185640	5.01	ng		0.00
25) Fluoranthene-d10	19.24	212	1590343	5.66	ng		0.00
29) Terphenyl-d14	19.83	244	380735	5.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	23551	5.050	ng		88
3) n-Nitrosodimethylamine	3.65	42	17789	6.503	ng	#	100
6) bis(2-Chloroethyl)ether	7.27	93	58812	5.614	ng		95
9) Naphthalene	10.69	128	875605	5.116	ng		100
10) Hexachlorobutadiene	10.99	225	26699	4.878	ng		99
12) 2-Methylnaphthalene	12.31	142	153034	5.619	ng		98
16) Acenaphthylene	14.21	152	252669	5.906	ng		100
17) Acenaphthene	14.54	154	158993	5.503	ng		95
18) Fluorene	15.51	166	206599	5.717	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	59458	5.358	ng		95
21) Hexachlorobenzene	16.53	284	47709	4.934	ng		99
22) Pentachlorophenol	16.87	266	23831	10.798	ng		92
23) Phenanthrene	17.25	178	347795	5.285	ng		100
24) Anthracene	17.33	178	334274	6.035	ng		99
26) Fluoranthene	19.26	202	443032	5.583	ng		99
28) Pyrene	19.62	202	451956	5.342	ng		99
30) Benzo(a)anthracene	21.35	228	455311	5.798	ng		99
31) Chrysene	21.40	228	451615	5.047	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	1071419	12.658	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	554406	5.573	ng		99
35) Benzo(b)fluoranthene	23.09	252	462085	5.414	ng		98
36) Benzo(k)fluoranthene	23.14	252	490200	4.963	ng	#	94
37) Benzo(a)pyrene	23.74	252	436118	5.476	ng		97
38) Dibenzo(a,h)anthracene	26.49	278	464940	5.605	ng		99
39) Benzo(g,h,i)perylene	27.28	276	447919	5.171	ng		98

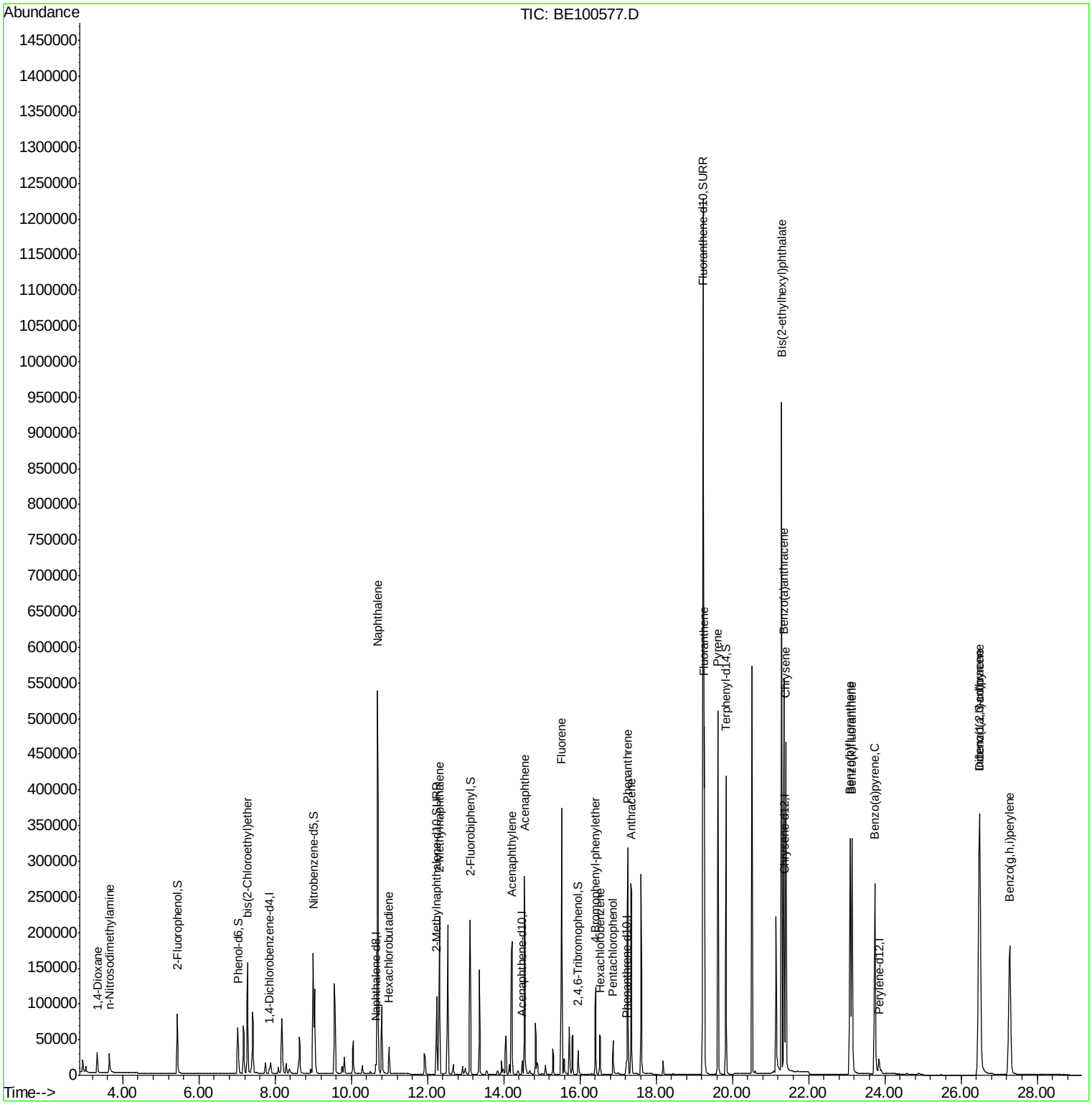
(#) = qualifier out of range (m) = manual integration (+) = signals summed

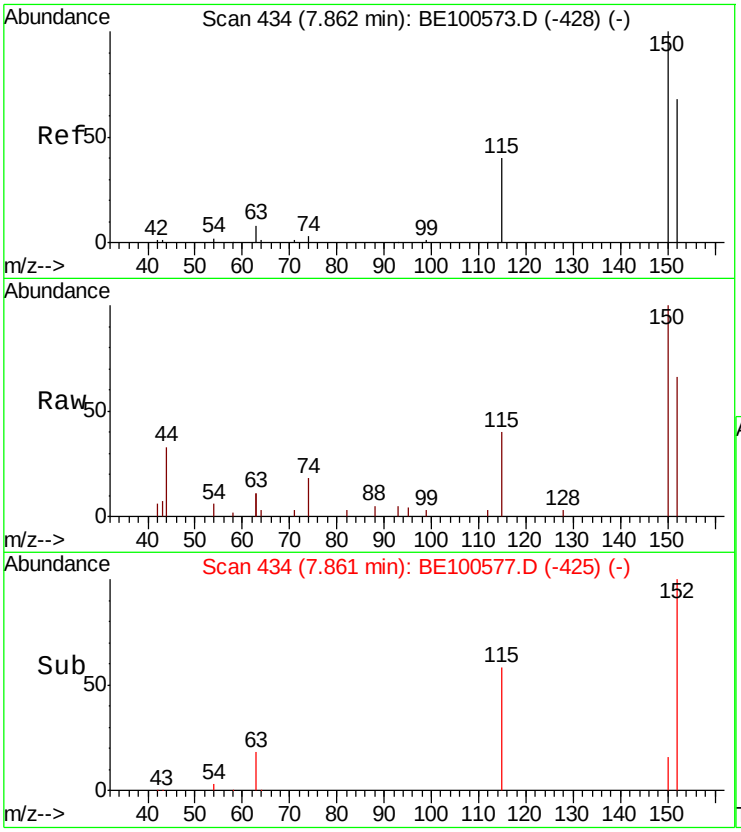
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100577.D
Acq On : 27 Sep 2019 17:44
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 27 18:20:14 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



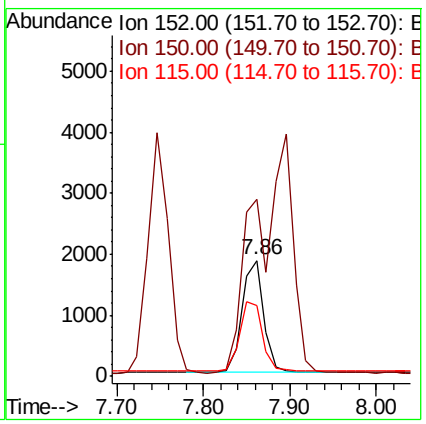


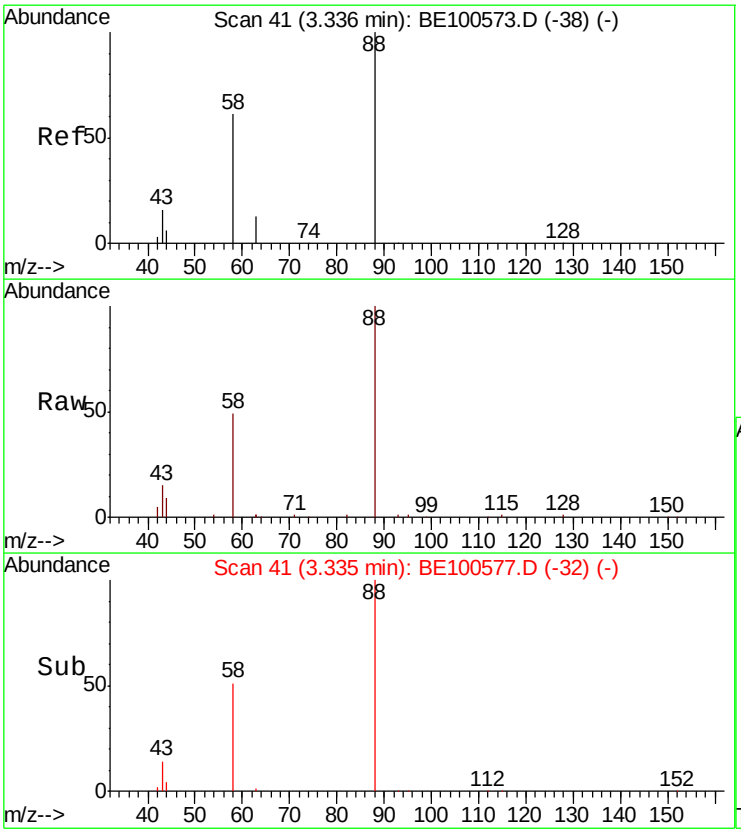
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3232

Ion	Ratio	Lower	Upper
152	100		
150	152.2	116.9	175.3
115	61.0	50.2	75.4

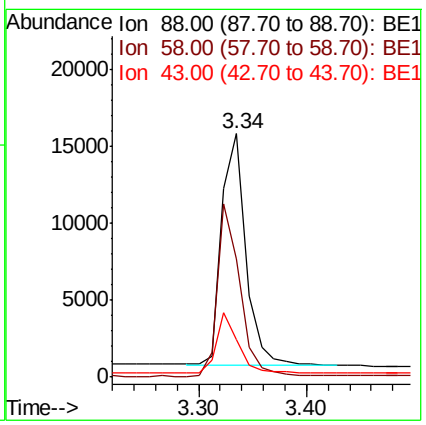


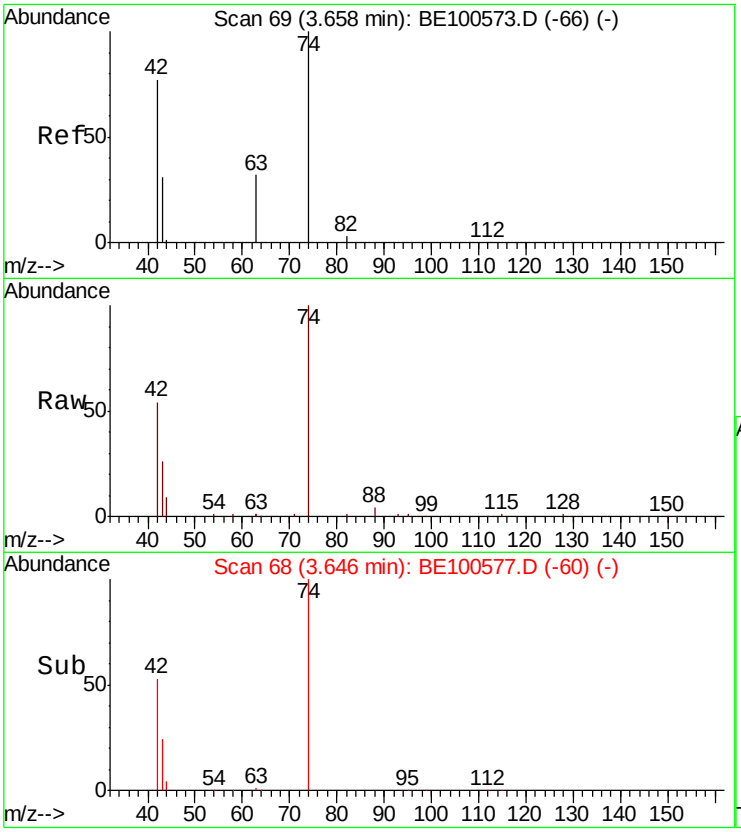


#2
1,4-Dioxane
Concen: 5.050 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion: 88 Resp: 23551

Ion	Ratio	Lower	Upper
88	100		
58	68.8	46.4	69.6
43	22.6	16.7	25.1



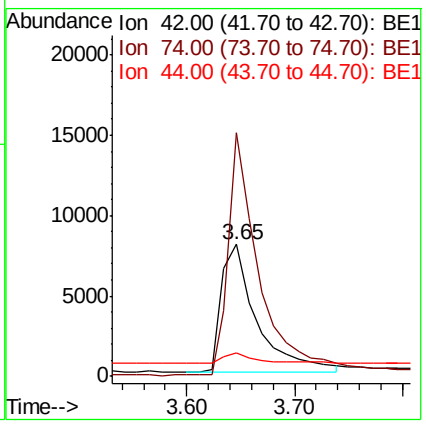


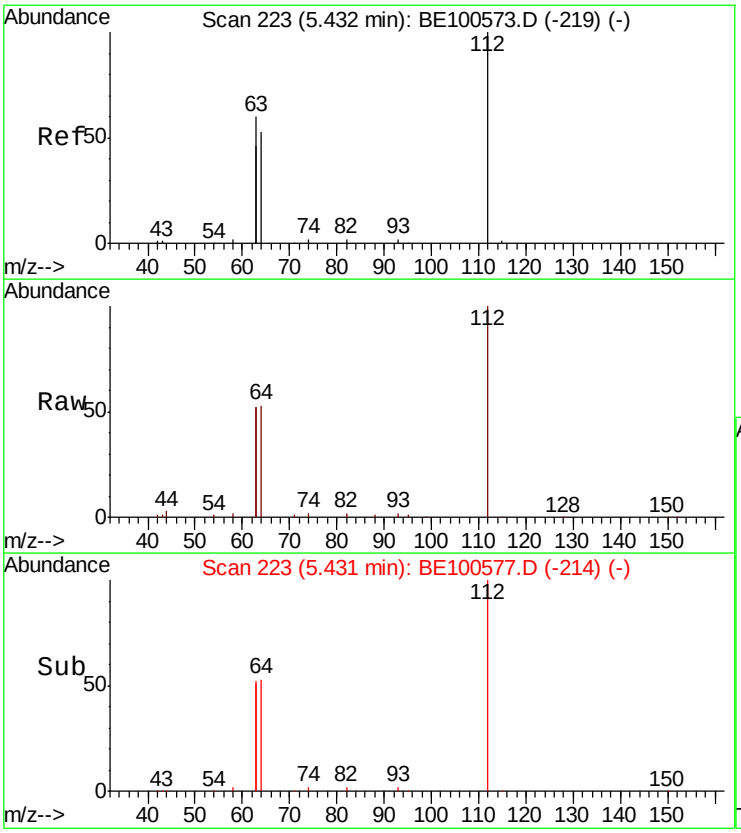
#3
n-Nitrosodimethylamine
Concen: 6.503 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 17789

Ion	Ratio	Lower	Upper
42	100		
74	168.8	0.0	0.0#
44	7.9	0.0	0.0#

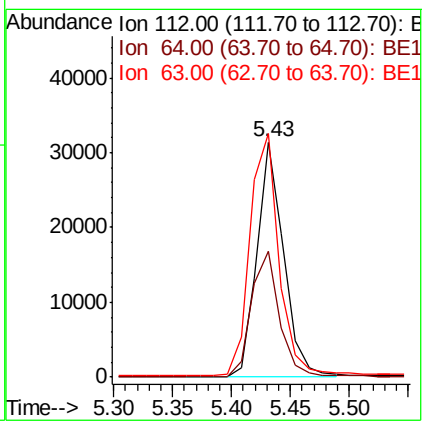


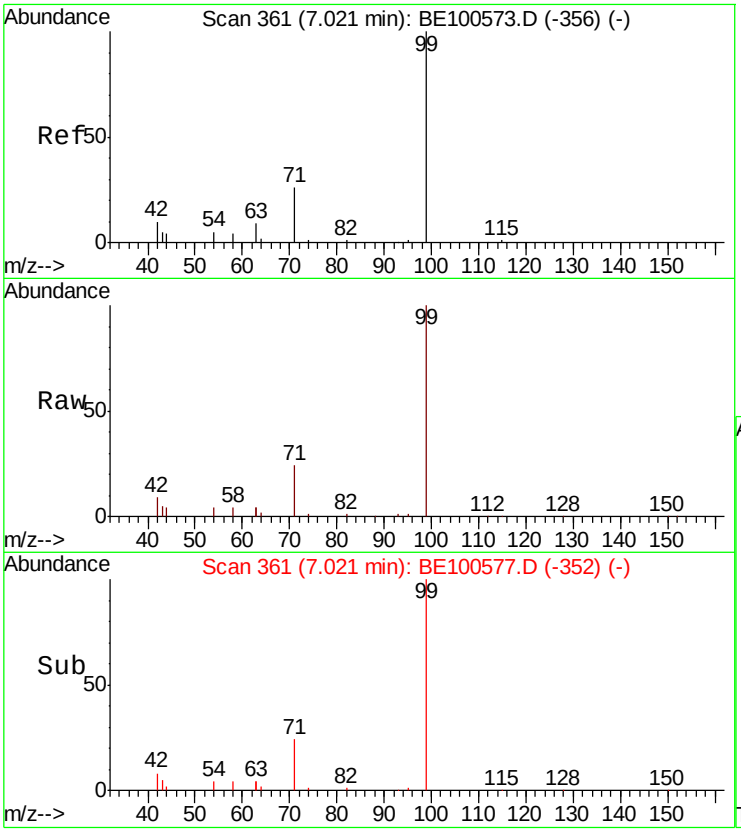


#4
2-Fluorophenol
Concen: 6.546 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:112 Resp: 49527

Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.9	67.3
63	110.7	90.1	135.1



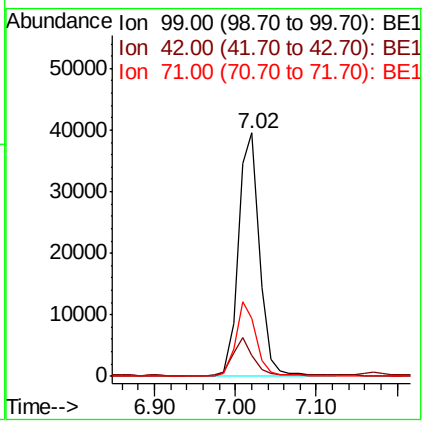


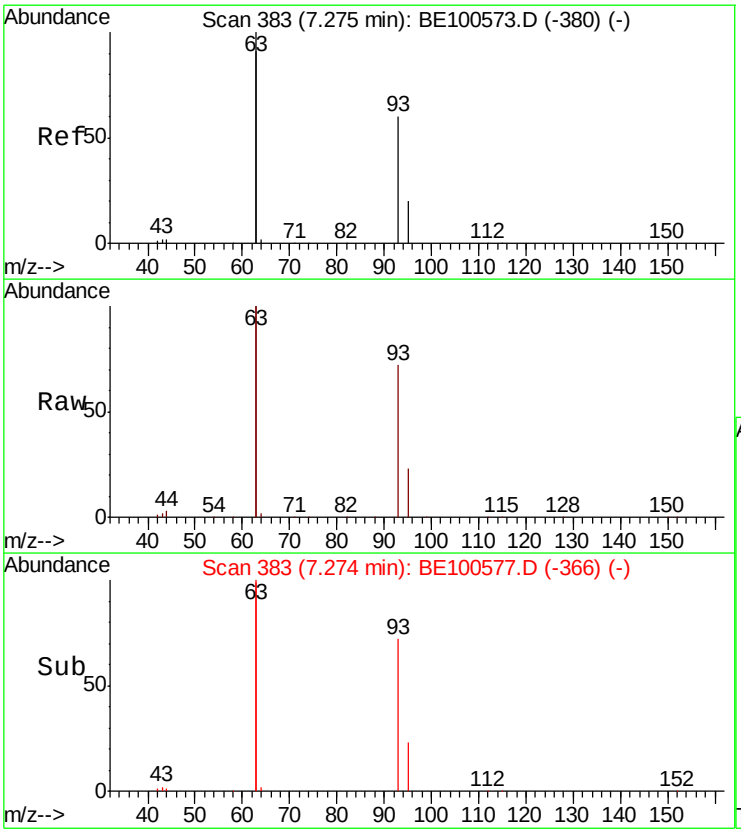
#5
Phenol-d6
Concen: 6.865 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 71114

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.7	17.5
71	29.2	23.6	35.4

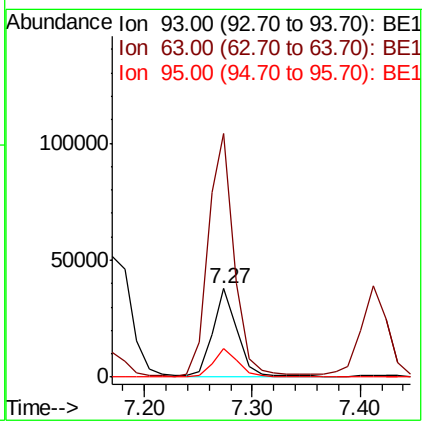


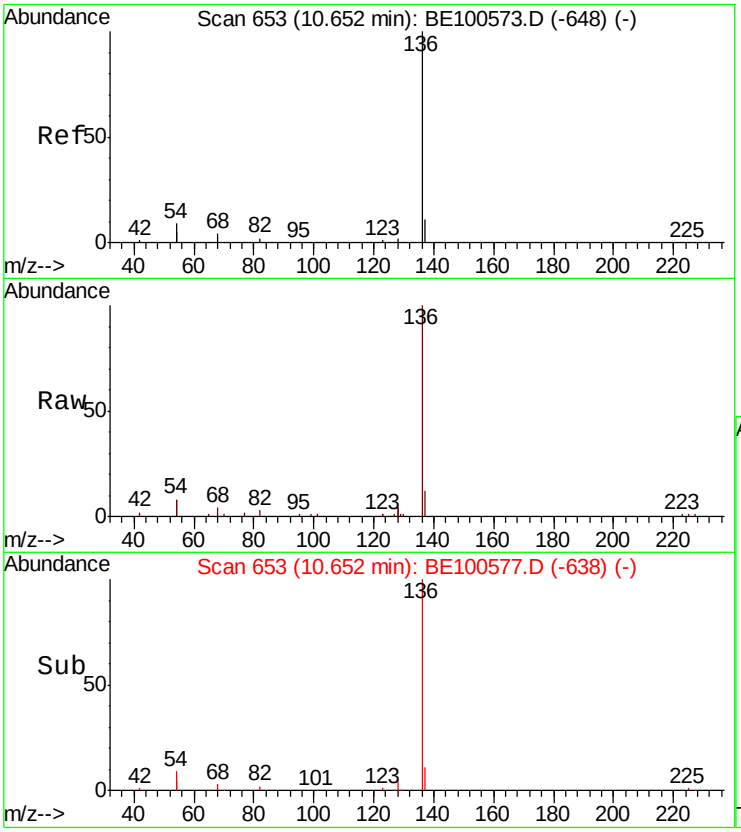


#6
bis(2-Chloroethyl)ether
Concen: 5.614 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion: 93 Resp: 58812

Ion	Ratio	Lower	Upper
93	100		
63	294.7	228.3	342.5
95	32.2	24.2	36.4



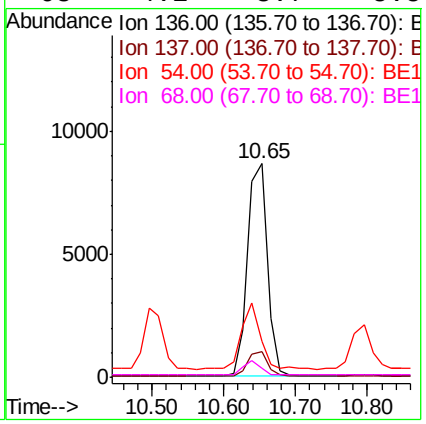


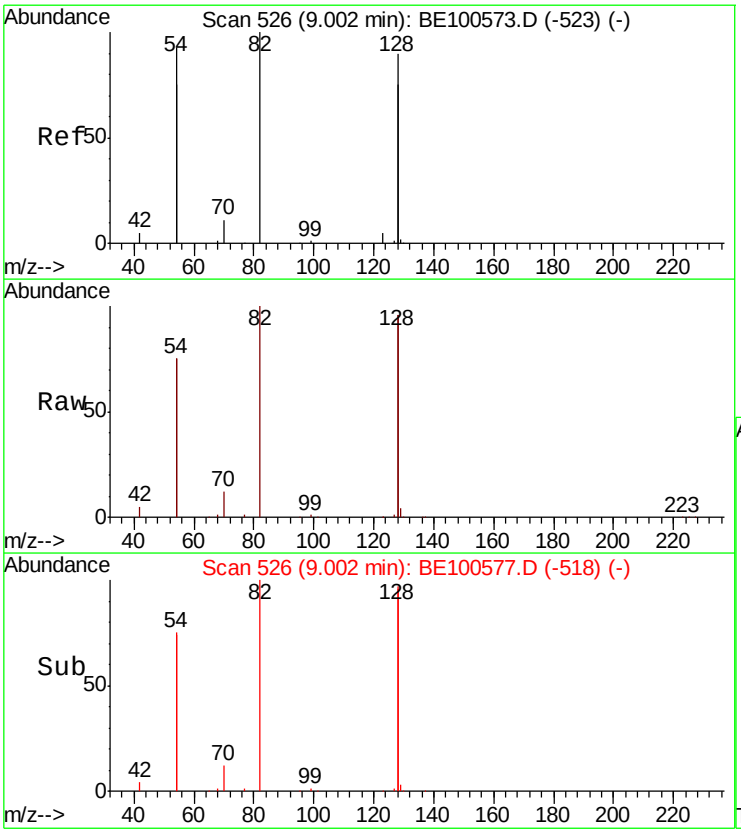
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16508

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	16.9	15.0	22.6
68	4.2	3.7	5.5

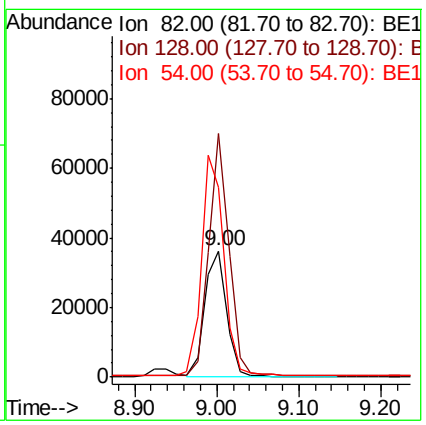


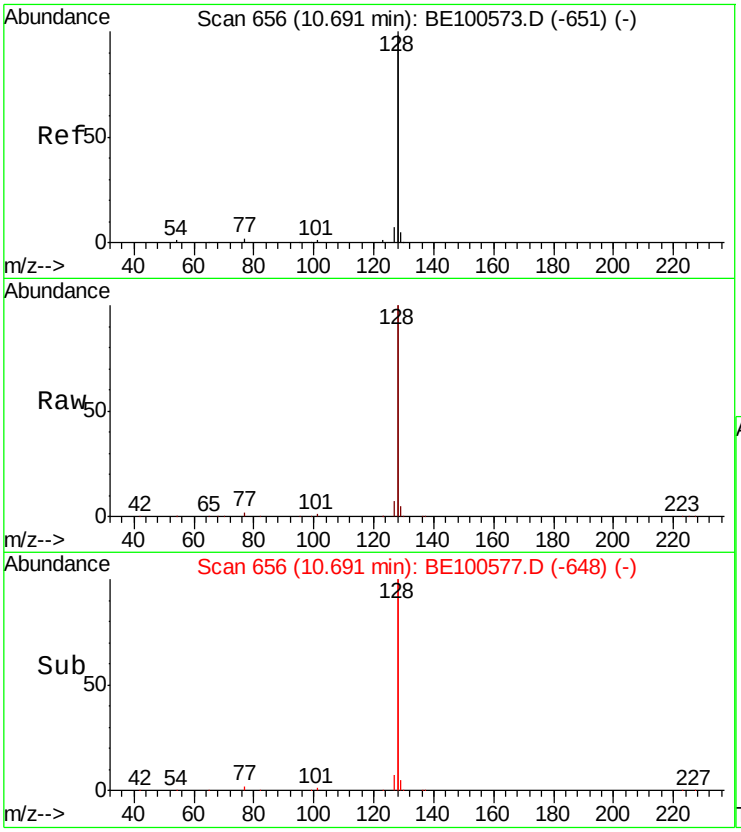


#8
Nitrobenzene-d5
Concen: 7.031 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion: 82 Resp: 66903

Ion	Ratio	Lower	Upper
82	100		
128	192.6	137.9	206.9
54	150.2	143.0	214.6



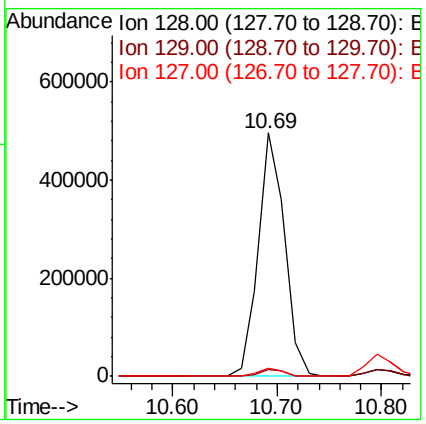


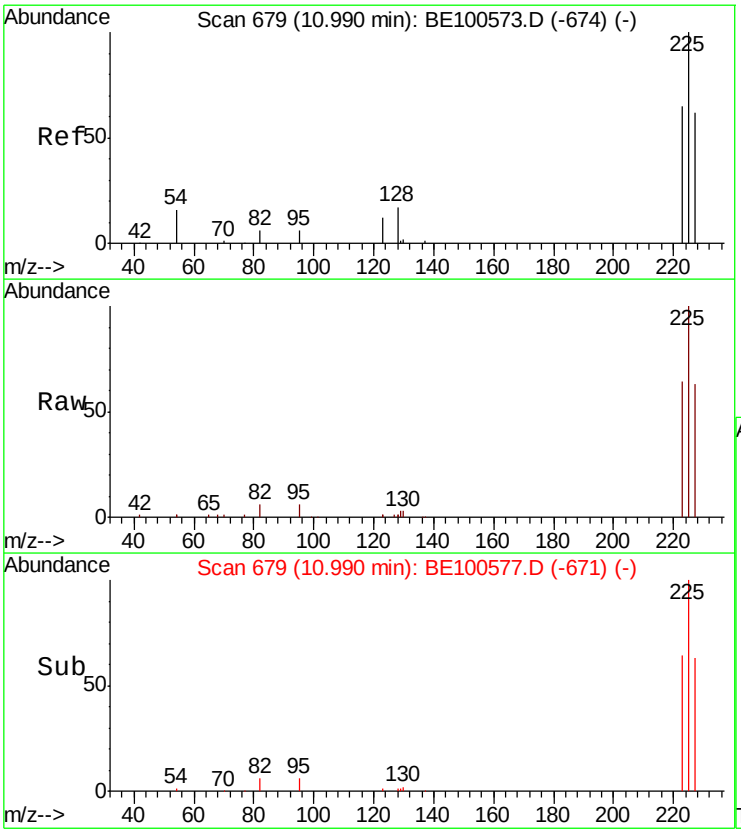
#9
Naphthalene
Concen: 5.116 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 875605

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.3	2.8	4.2

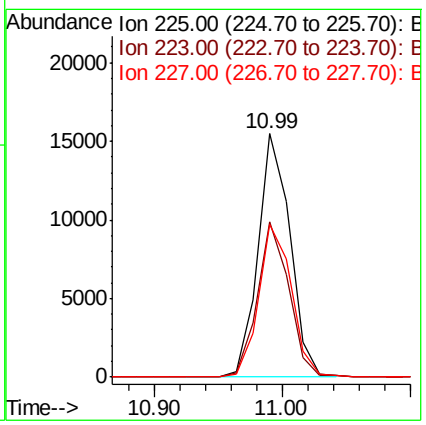


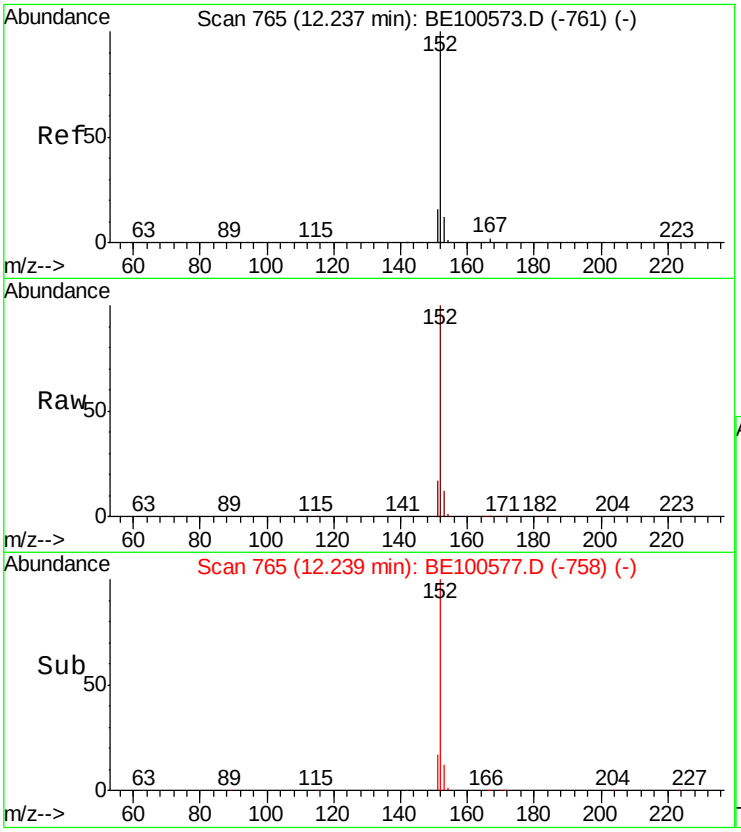


#10
Hexachlorobutadiene
Concen: 4.878 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:225 Resp: 26699

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.0
227	63.7	50.3	75.5



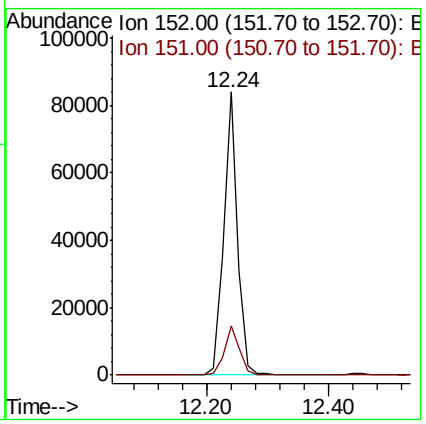


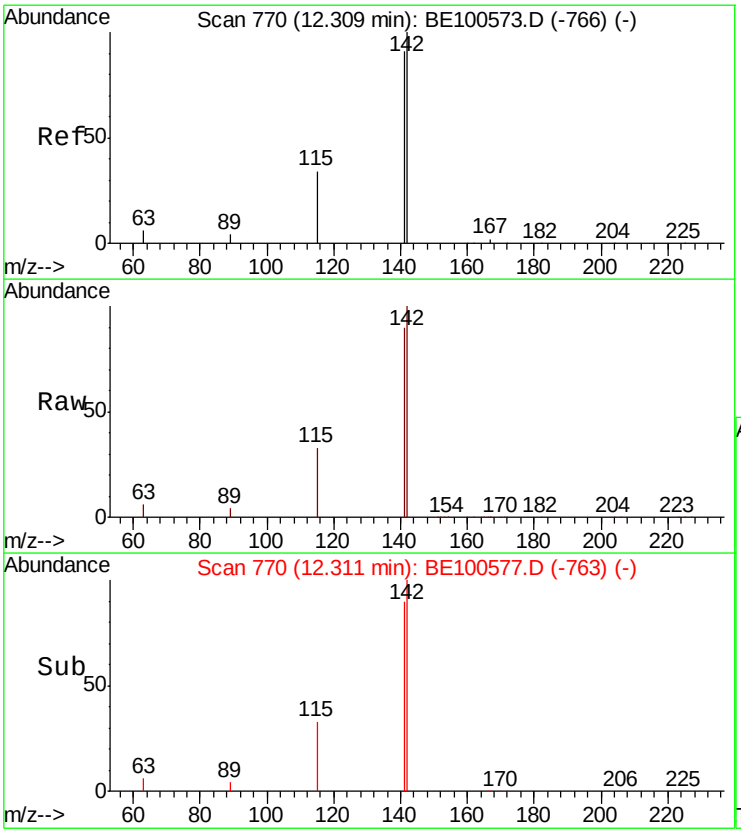
#11
2-Methylnaphthalene-d10
Concen: 5.442 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 134356

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

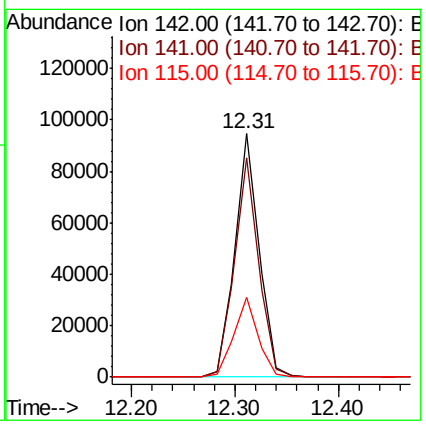


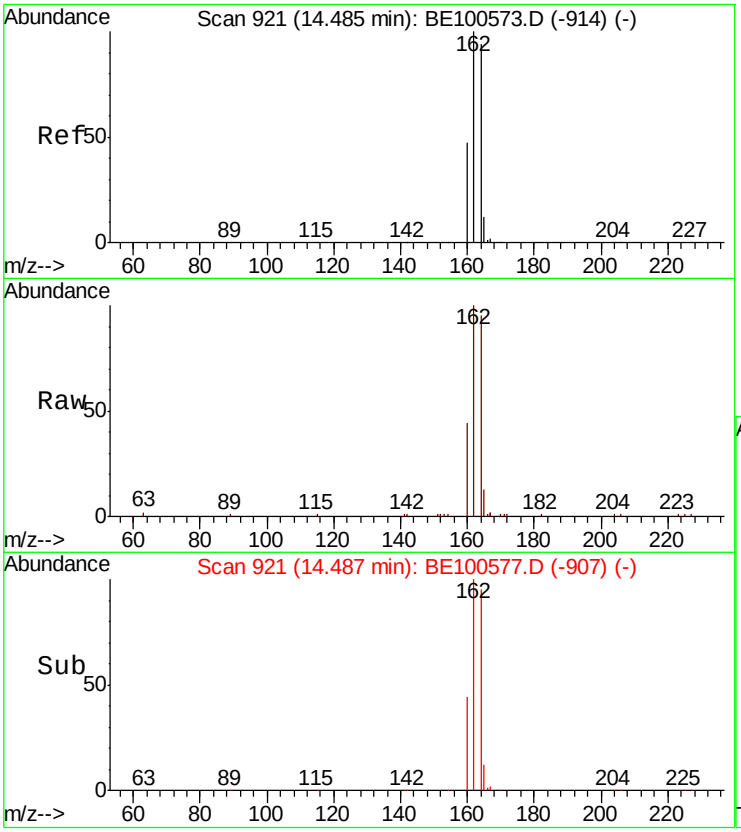


#12
2-Methylnaphthalene
Concen: 5.619 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:142 Resp: 153034

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.2	109.8
115	32.6	28.2	42.2



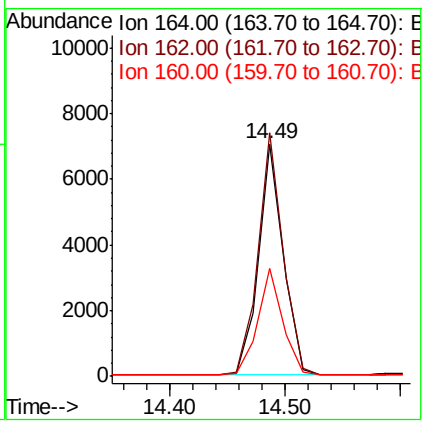


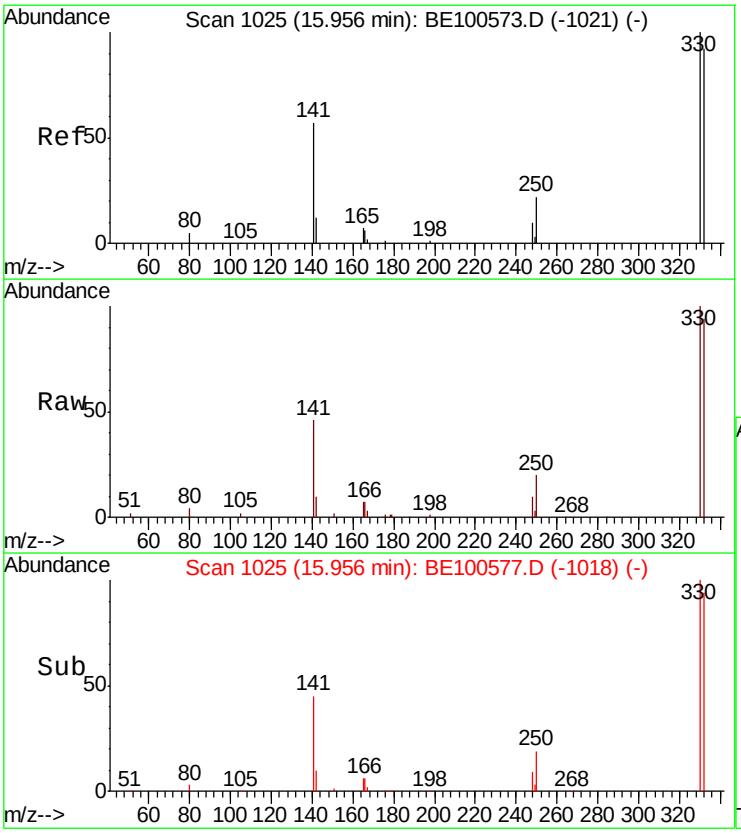
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10390

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.0	127.4
160	46.5	40.2	60.4

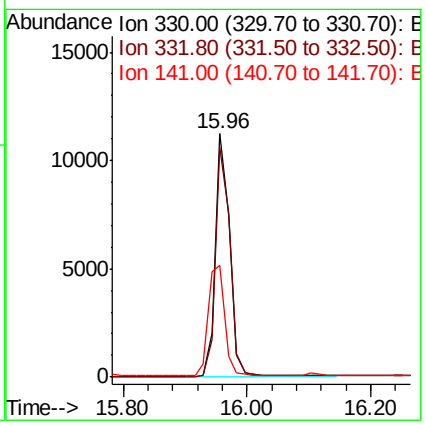


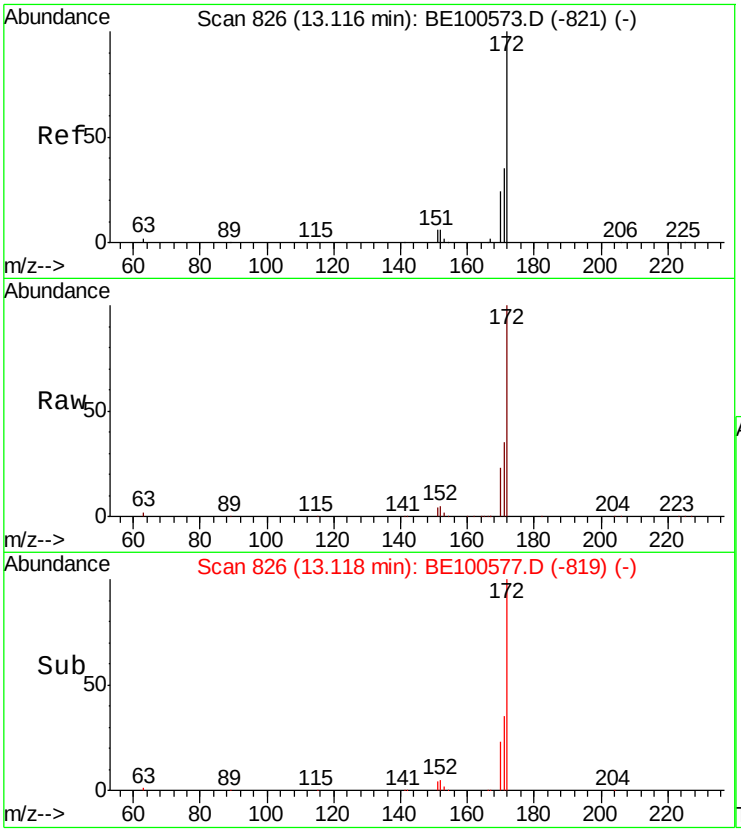


#14
2,4,6-Tribromophenol
Concen: 10.546 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:330 Resp: 17721

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	52.5	42.1	63.1



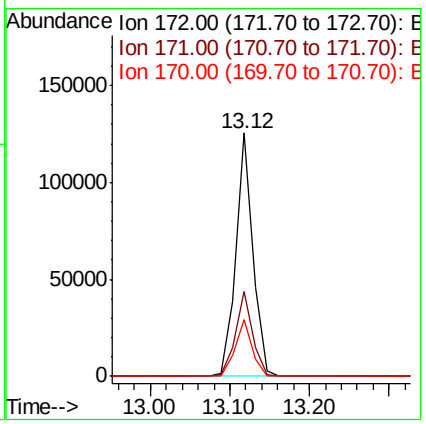


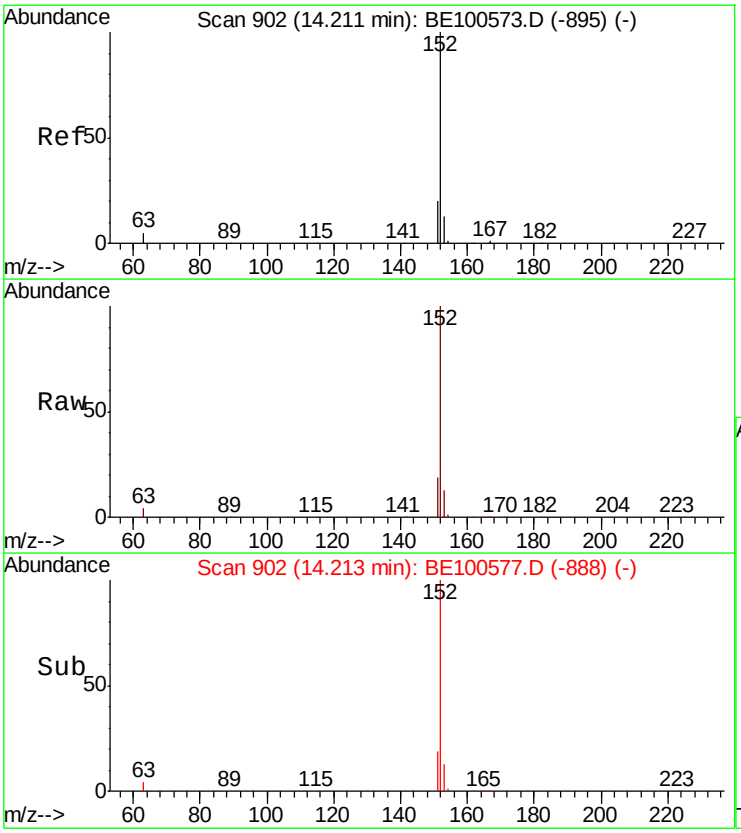
#15
2-Fluorobiphenyl
Concen: 5.005 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 185640

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.4	19.2	28.8

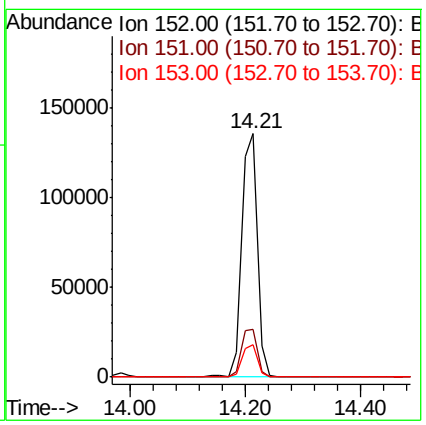


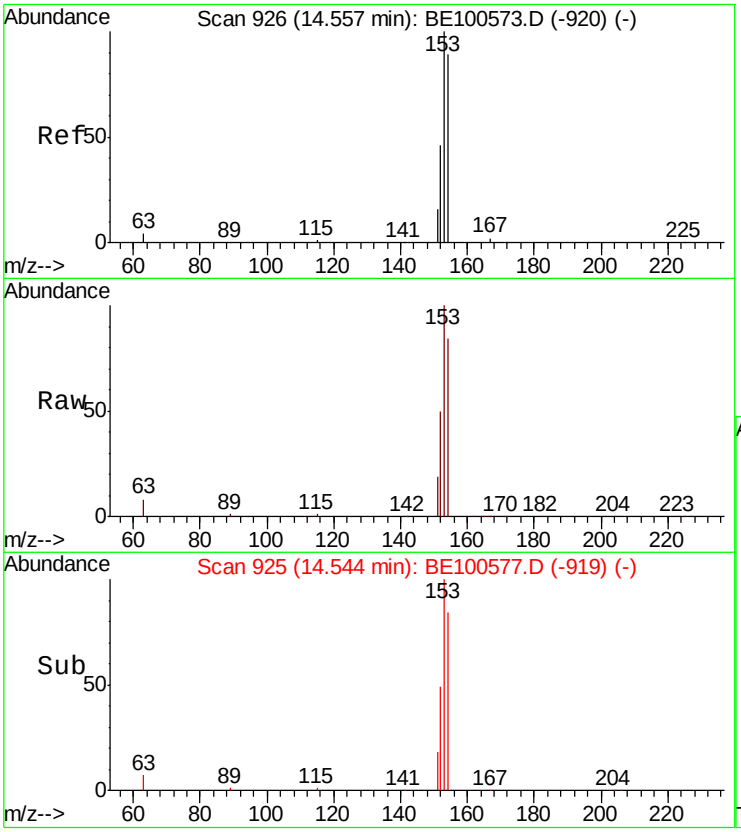


#16
Acenaphthylene
Concen: 5.906 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:152 Resp: 252669

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.1	10.6	16.0



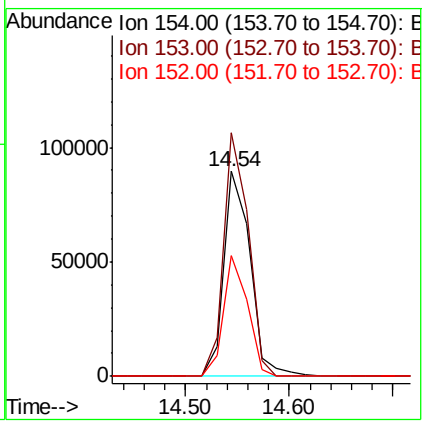


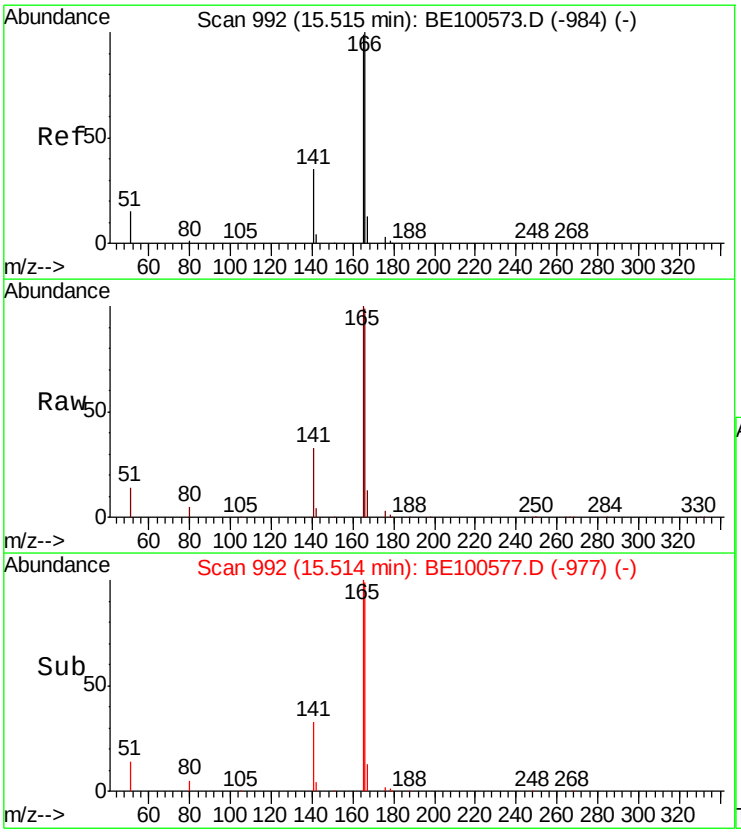
#17
Acenaphthene
Concen: 5.503 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 158993

Ion	Ratio	Lower	Upper
154	100		
153	110.7	92.7	139.1
152	53.9	45.6	68.4

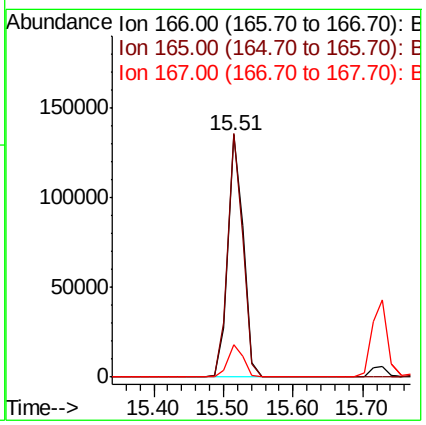


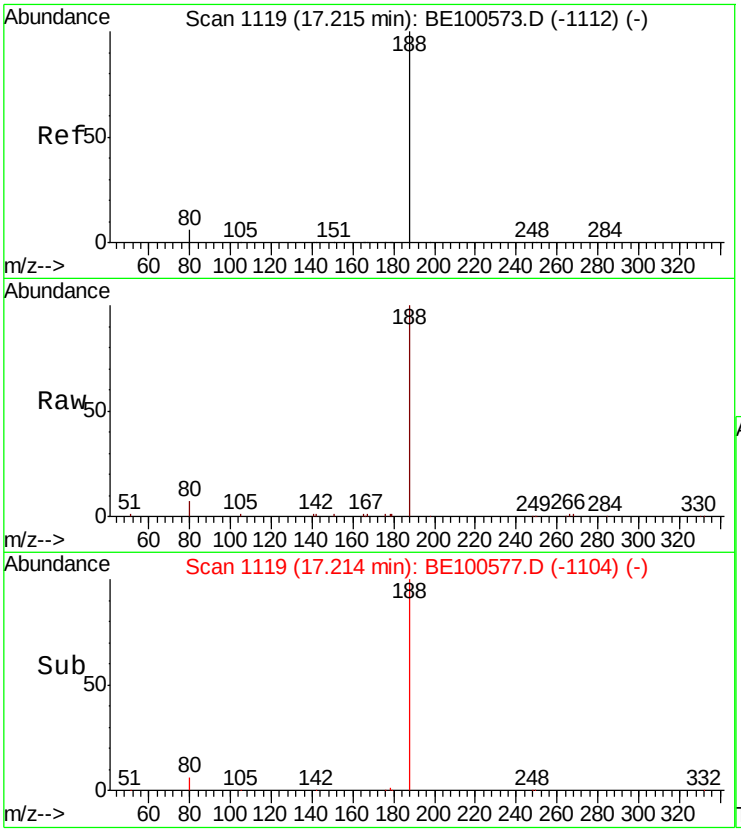


#18
Fluorene
Concen: 5.717 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:166 Resp: 206599

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.0	117.0
167	13.5	10.7	16.1



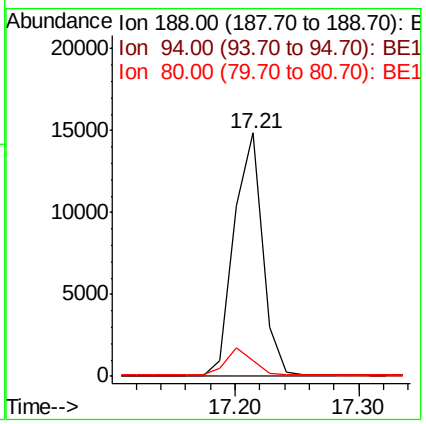


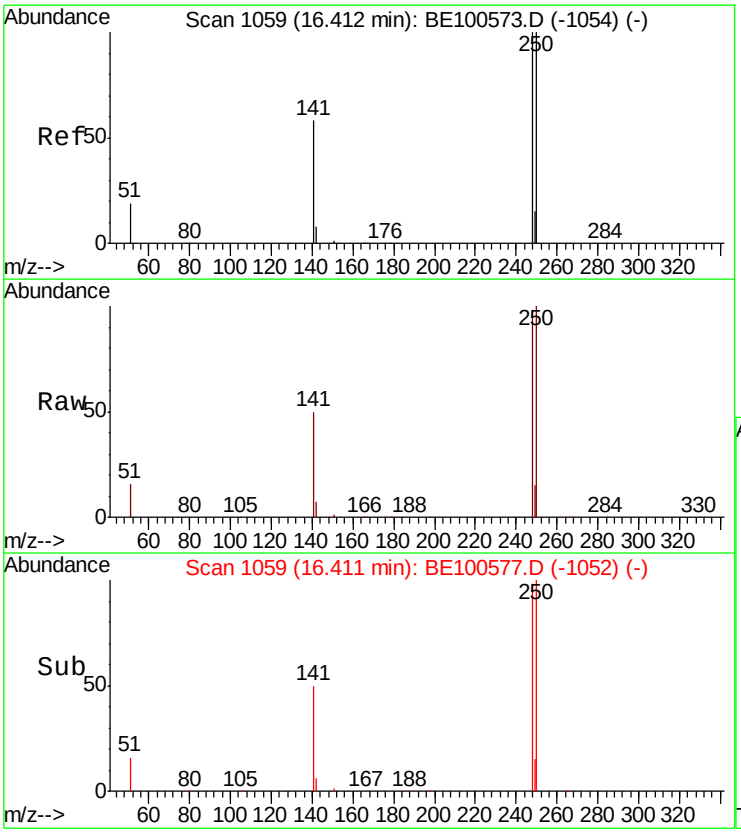
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 23617

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.6	8.4

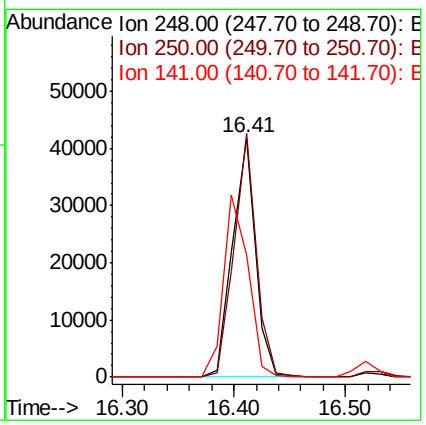


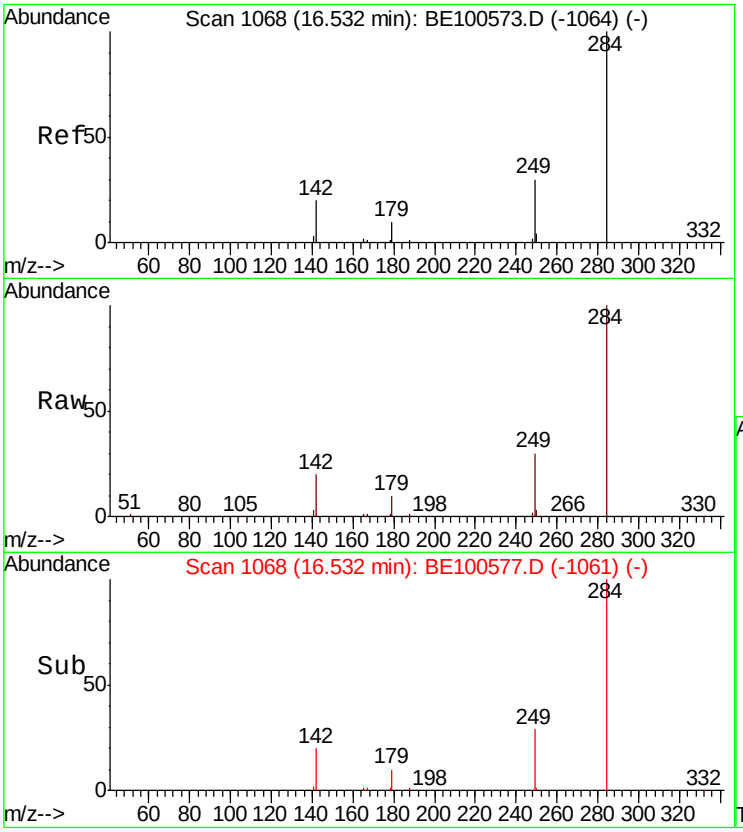


#20
4-Bromophenyl-phenylether
Concen: 5.358 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:248 Resp: 59458

Ion	Ratio	Lower	Upper
248	100		
250	101.9	79.9	119.9
141	51.1	47.7	71.5



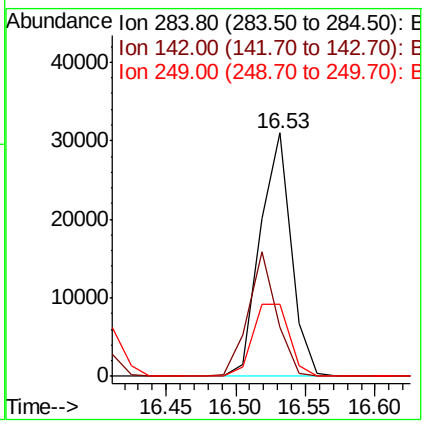


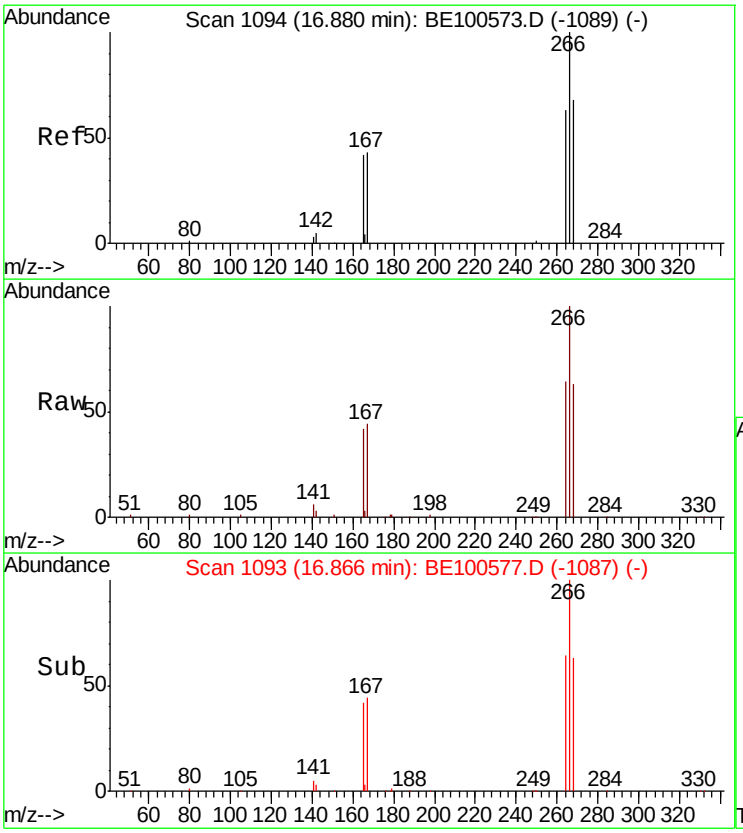
#21
Hexachlorobenzene
Concen: 4.934 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 47709

Ion	Ratio	Lower	Upper
284	100		
142	46.7	37.0	55.4
249	34.8	27.0	40.4

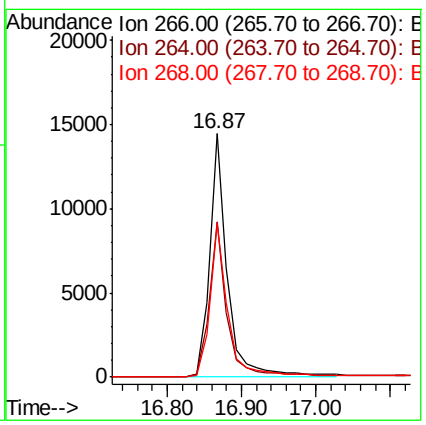


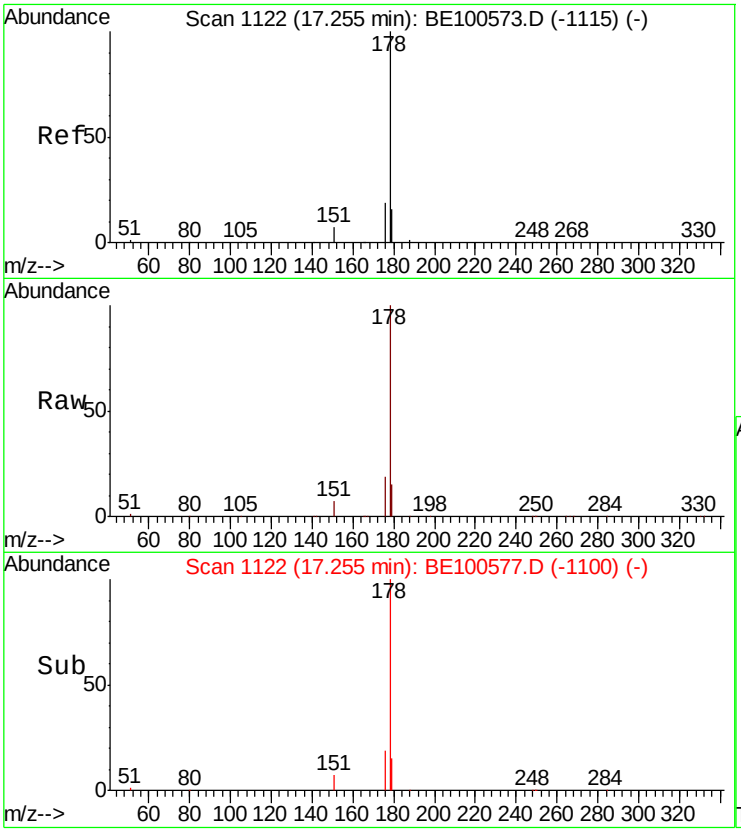


#22
Pentachlorophenol
Concen: 10.798 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:266 Resp: 23831

Ion	Ratio	Lower	Upper
266	100		
264	63.9	53.5	80.3
268	63.4	58.3	87.5



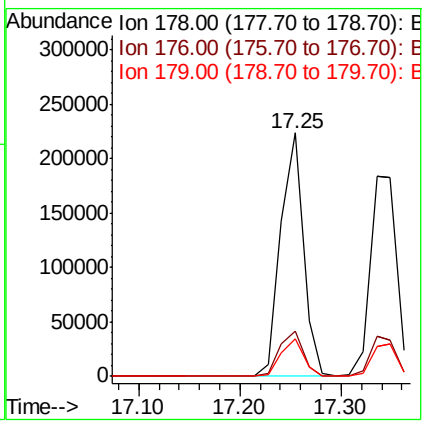


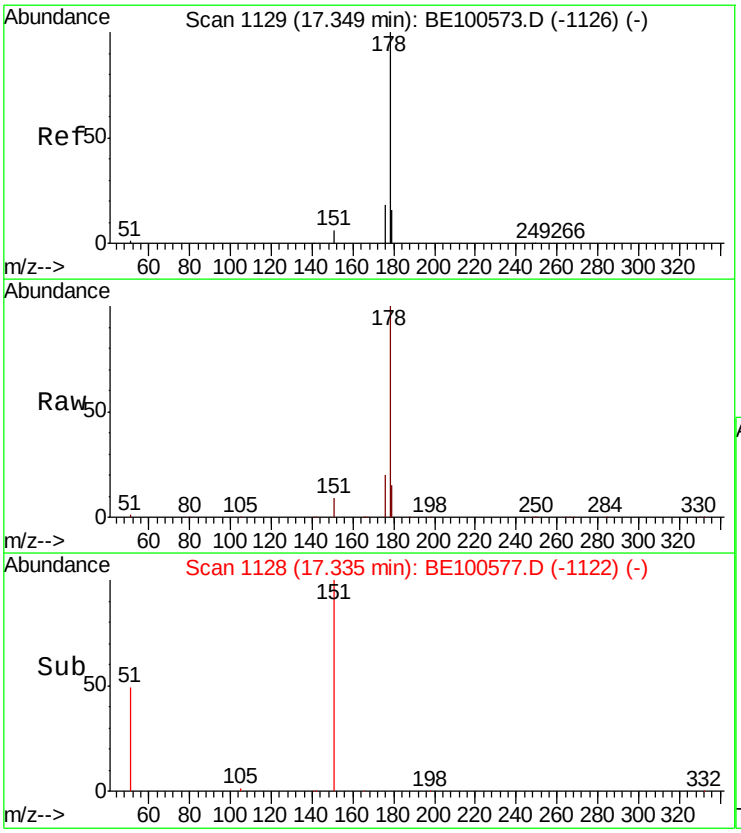
#23
Phenanthrene
Concen: 5.285 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 347795

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.4	18.6

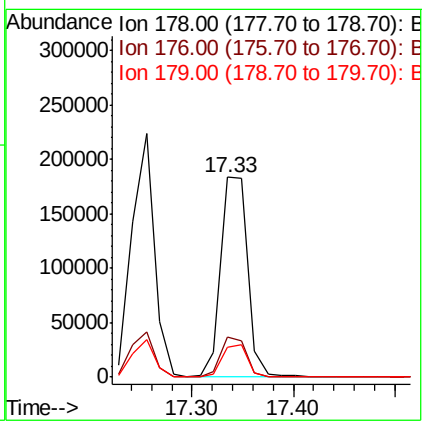


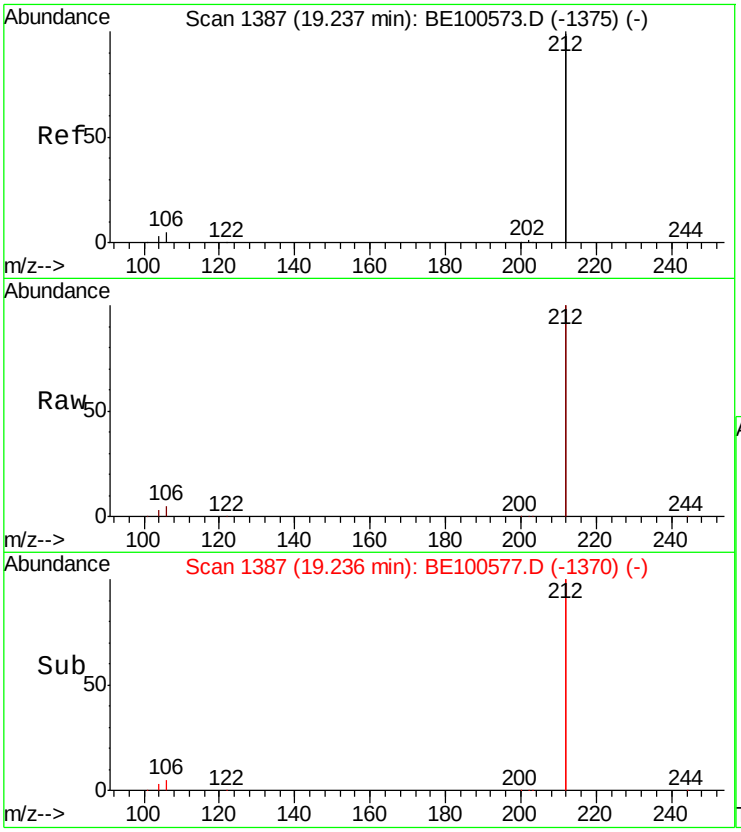


#24
Anthracene
Concen: 6.035 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:178 Resp: 334274

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.5	12.3	18.5



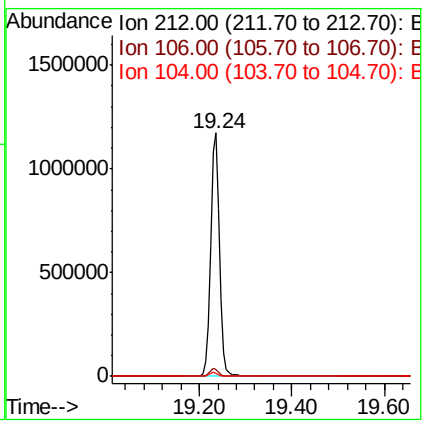


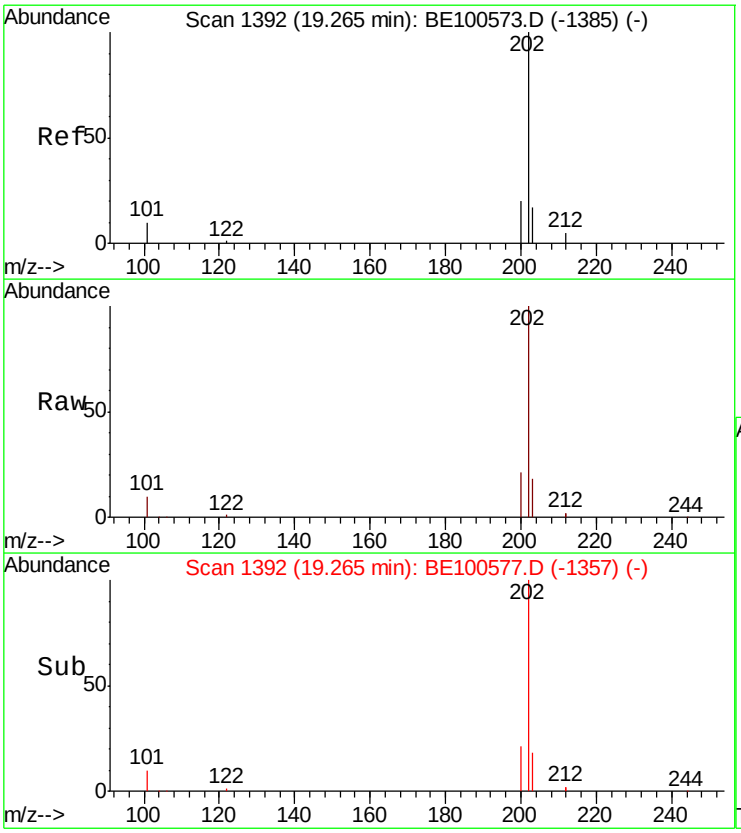
#25
Fluoranthene-d10
Concen: 5.661 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1590343

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

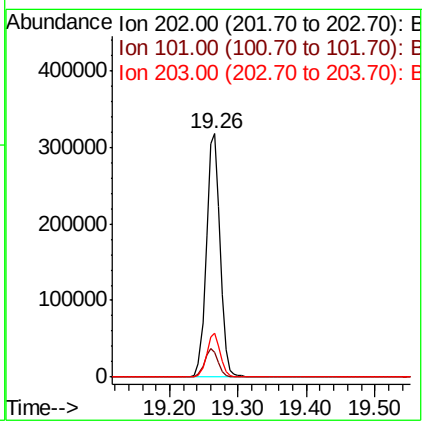


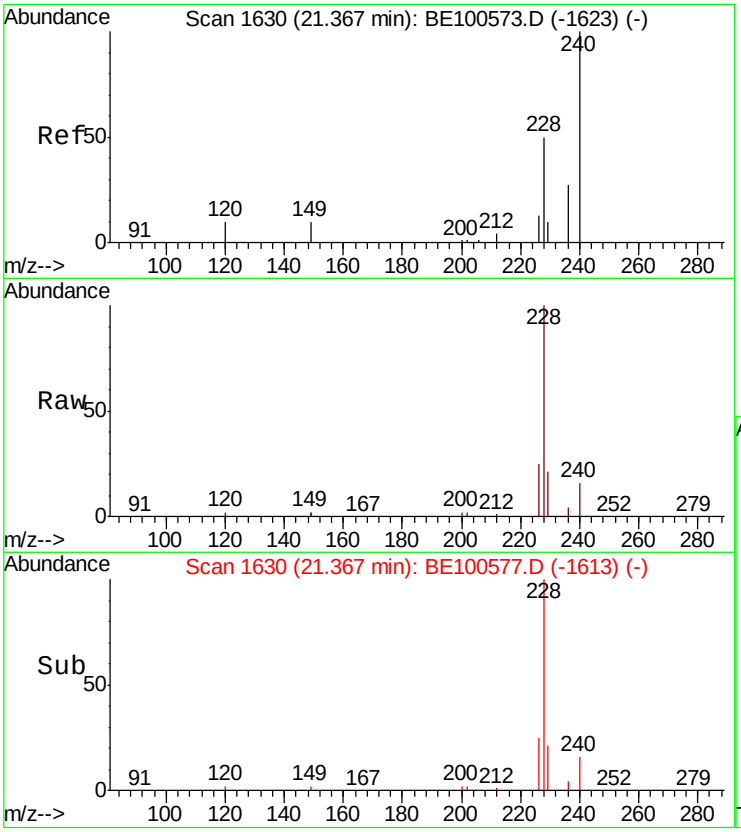


#26
Fluoranthene
Concen: 5.583 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:202 Resp: 443032

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.0	13.4
203	17.6	13.6	20.4



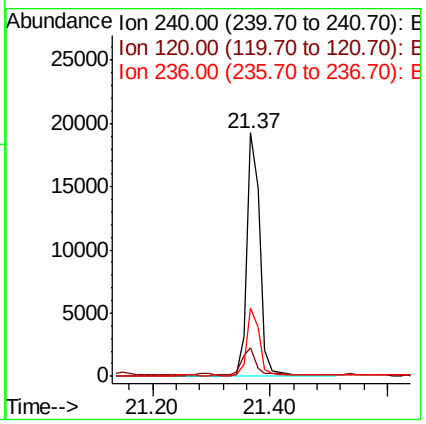


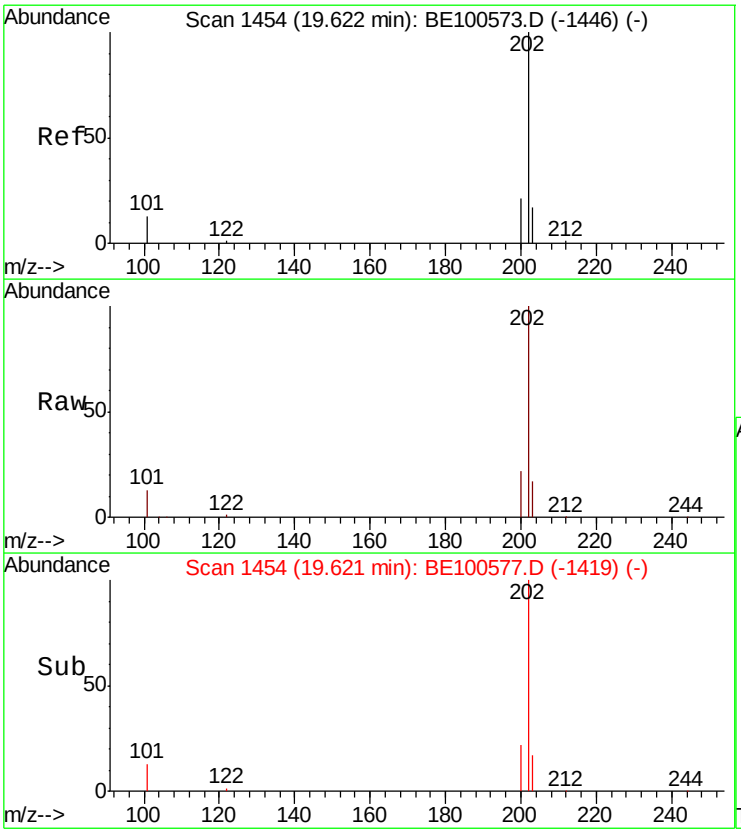
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 29403

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.7	13.1
236	27.9	21.8	32.8

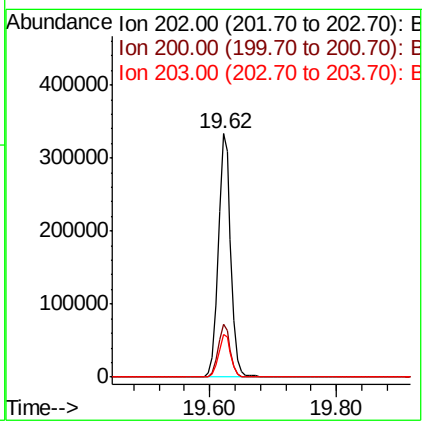


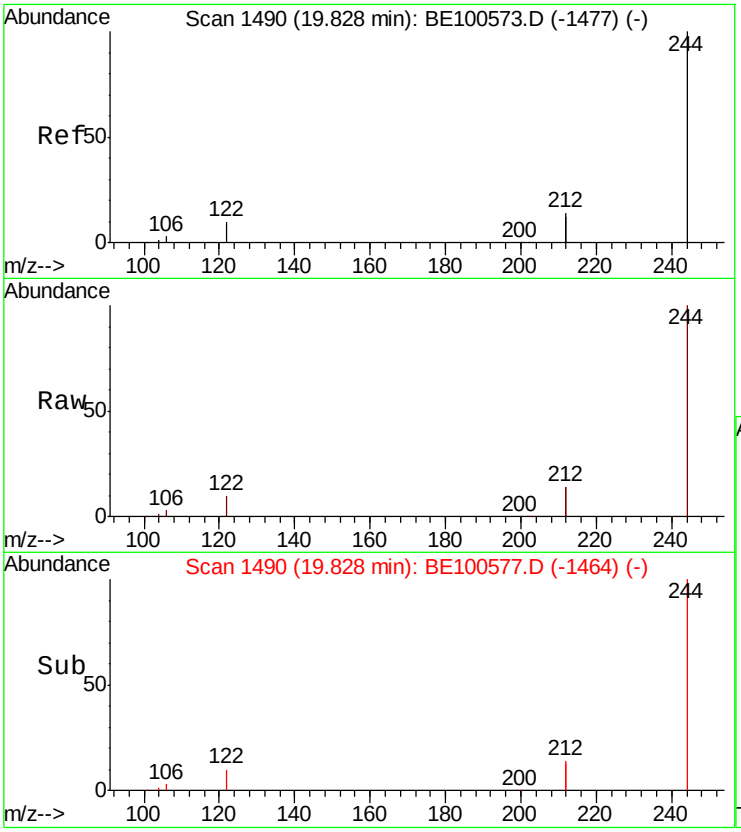


#28
Pyrene
Concen: 5.342 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:202 Resp: 451956

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



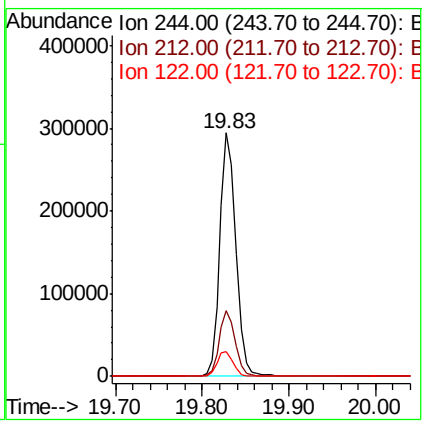


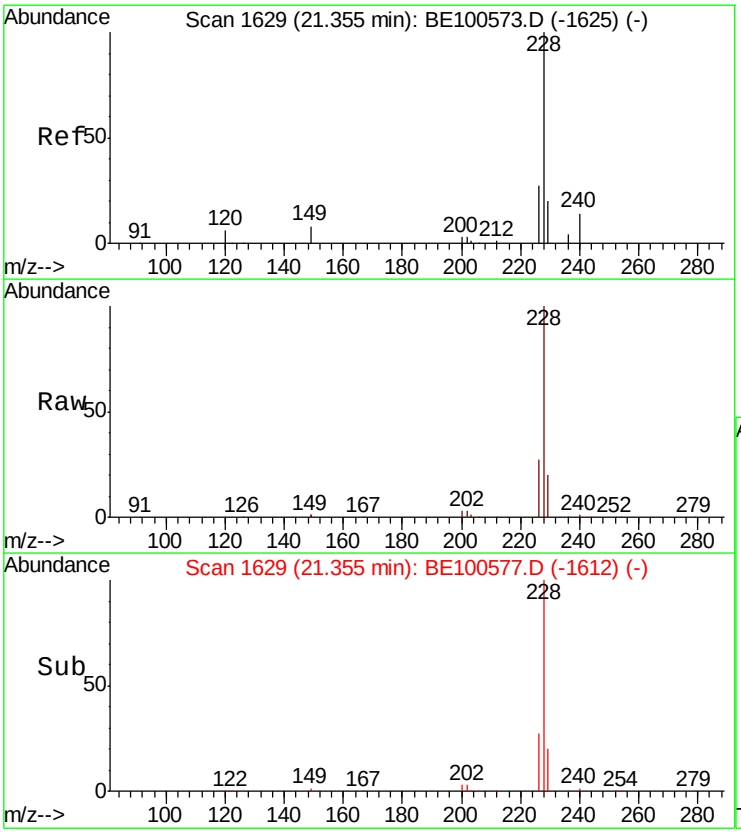
#29
Terphenyl-d14
Concen: 5.467 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 380735

Ion	Ratio	Lower	Upper
244	100		
212	27.2	21.8	32.8
122	10.4	8.2	12.4

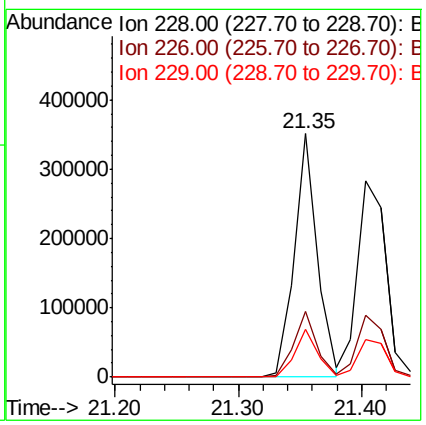


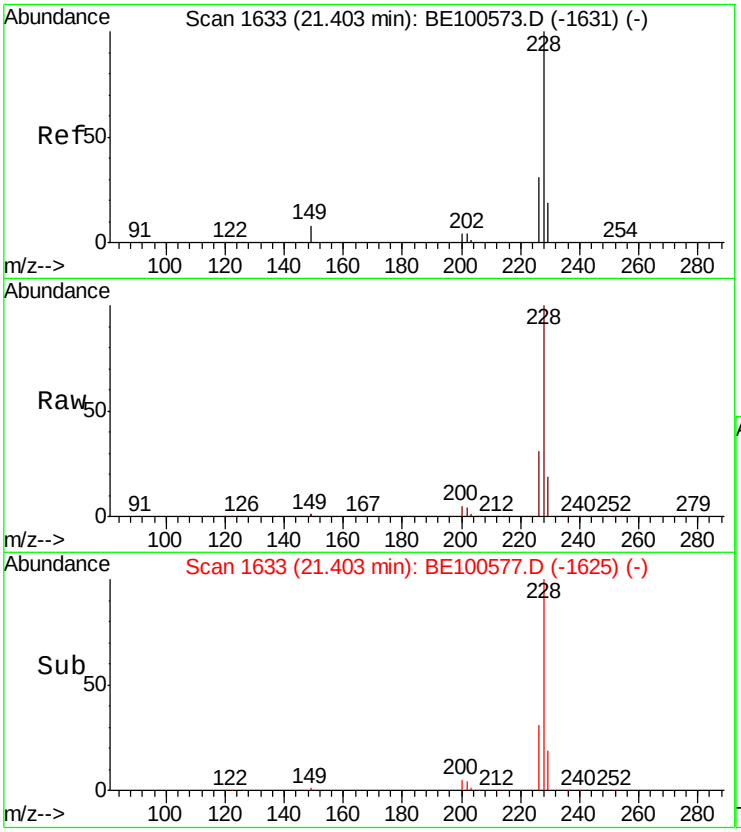


#30
Benzo(a)anthracene
Concen: 5.798 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:228 Resp: 455311

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.6	16.1	24.1



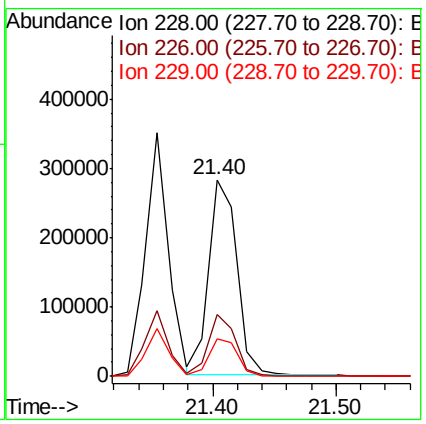


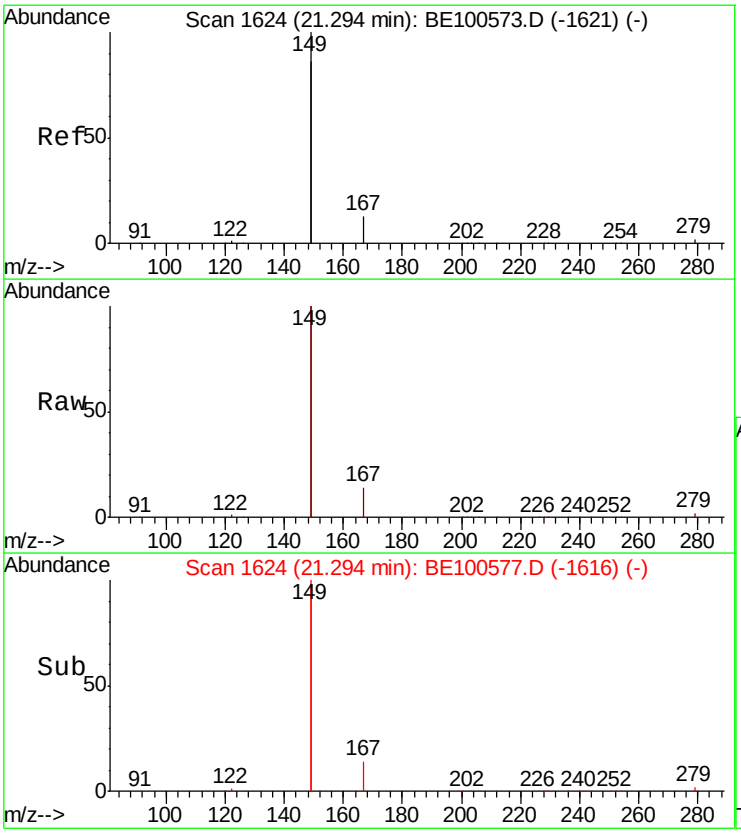
#31
Chrysene
Concen: 5.047 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 451615

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	19.1	15.6	23.4

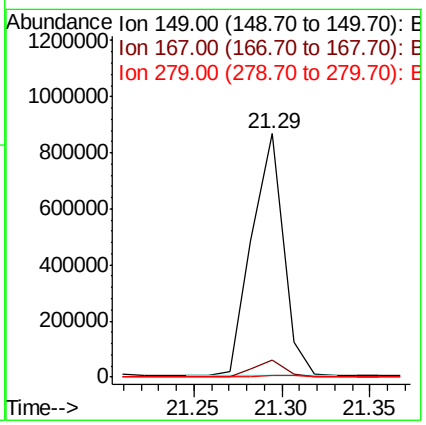


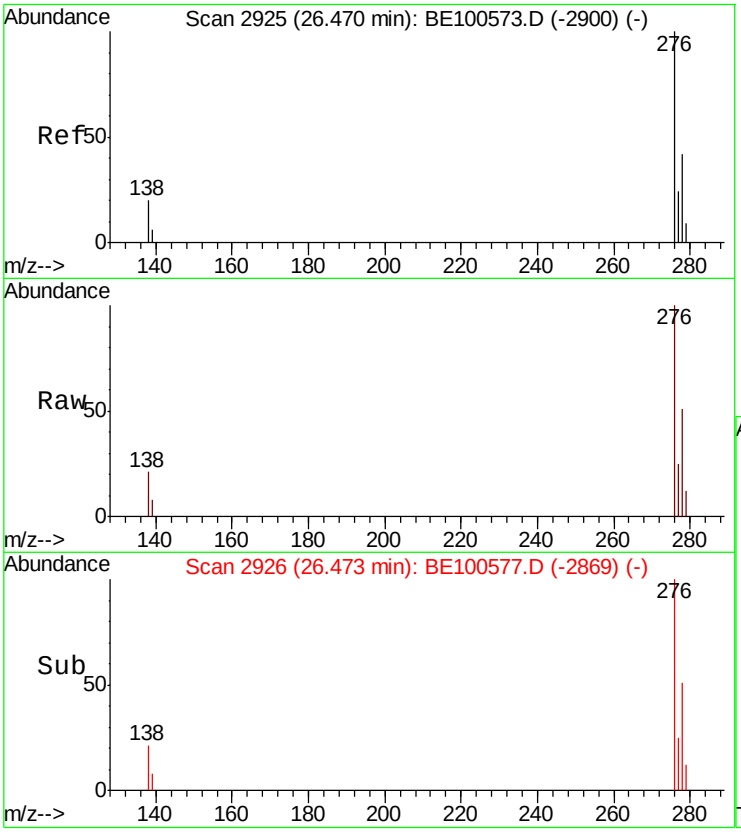


#32
Bis(2-ethylhexyl)phthalate
Concen: 12.658 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:149 Resp: 1071419

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.0	7.6
279	1.1	0.8	1.2



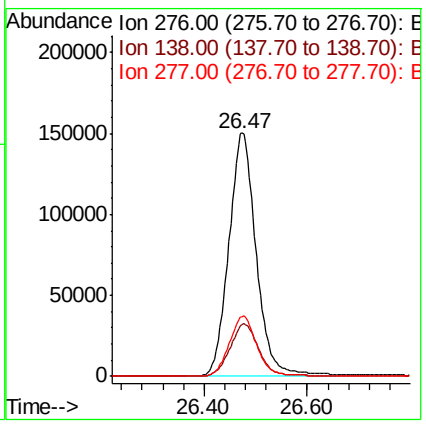


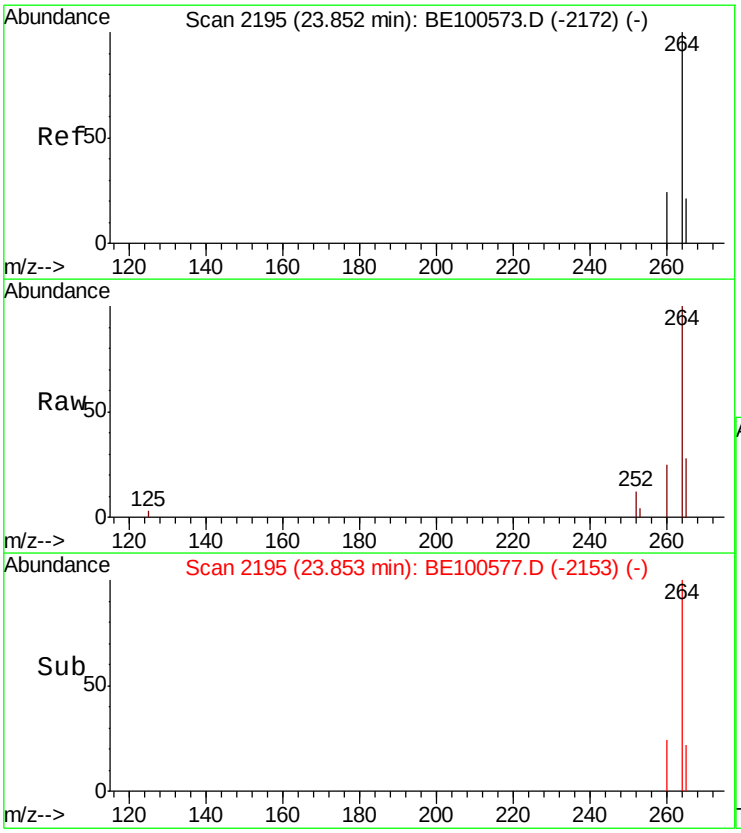
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.573 ng
RT: 26.47 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 554406

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.6	27.8
277	25.1	19.4	29.2

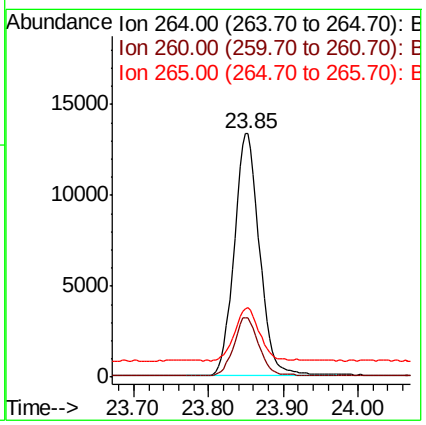


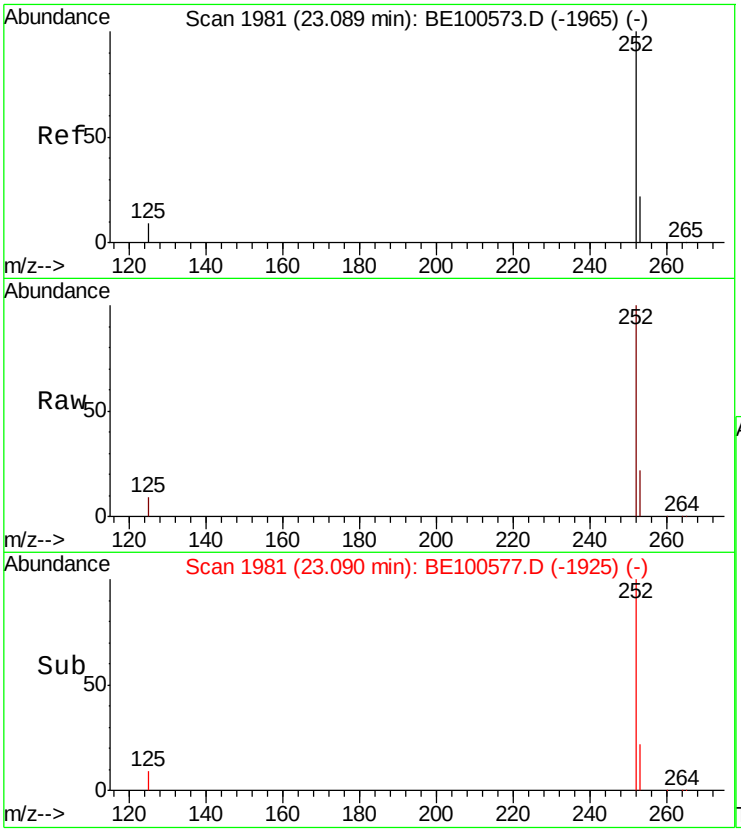


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:264 Resp: 31547

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	28.3	22.2	33.4



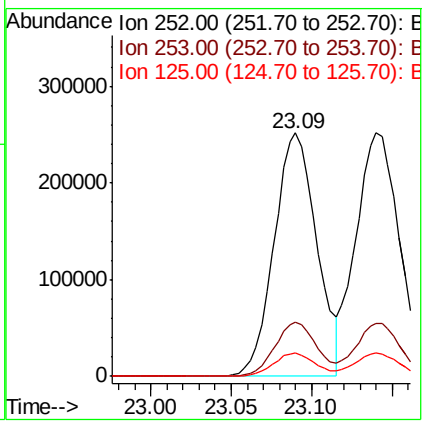


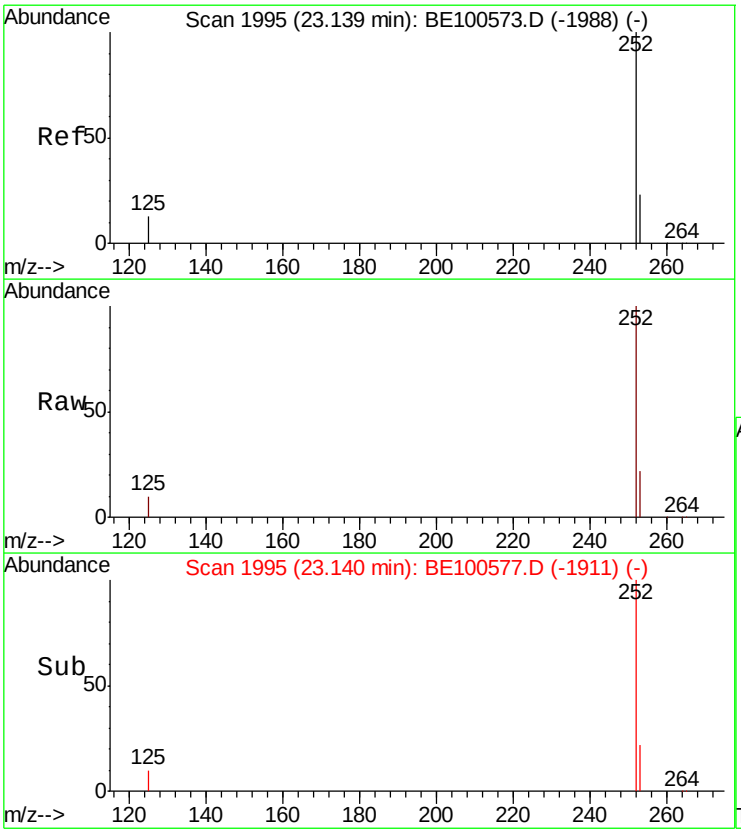
#35
Benzo(b)fluoranthene
Concen: 5.414 ng
RT: 23.09 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 462085

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.5	8.7	13.1

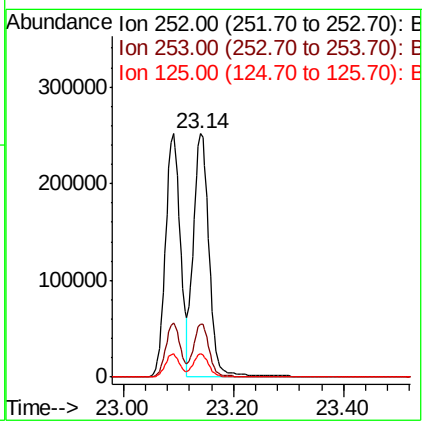


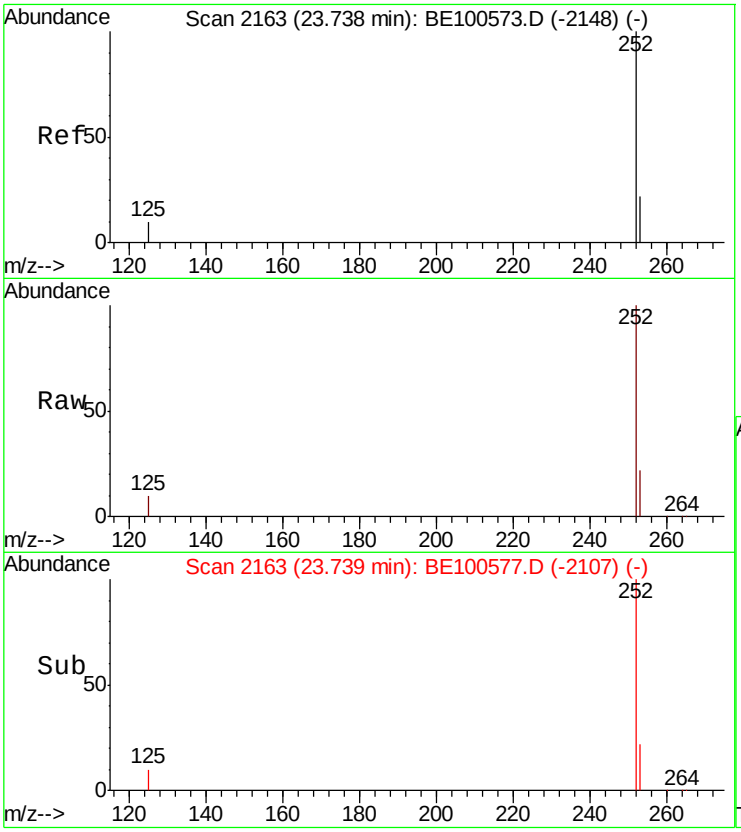


#36
Benzo(k)fluoranthene
Concen: 4.963 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:252 Resp: 490200

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	28.0
125	9.6	11.4	17.2#



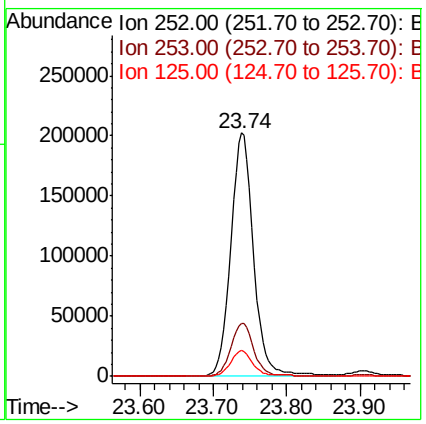


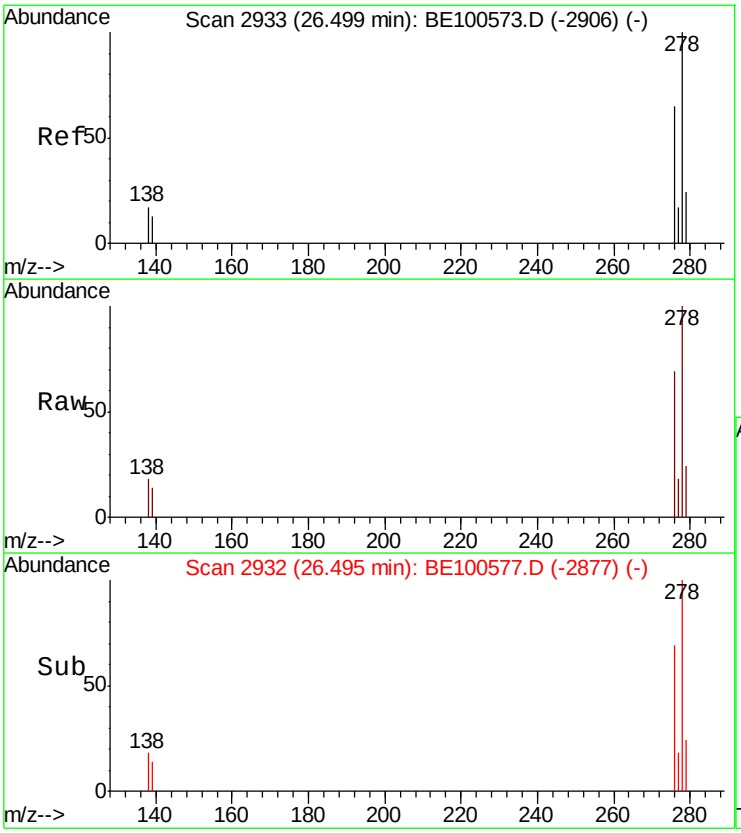
#37
Benzo(a)pyrene
Concen: 5.476 ng
RT: 23.74 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 436118

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.5	9.8	14.6

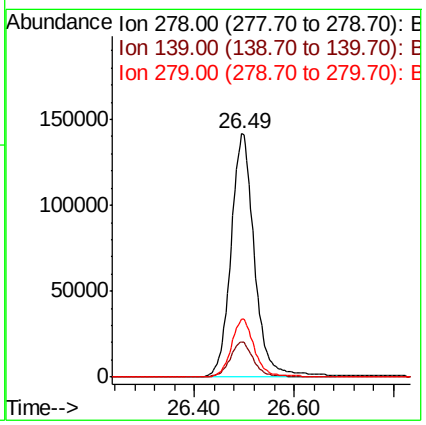


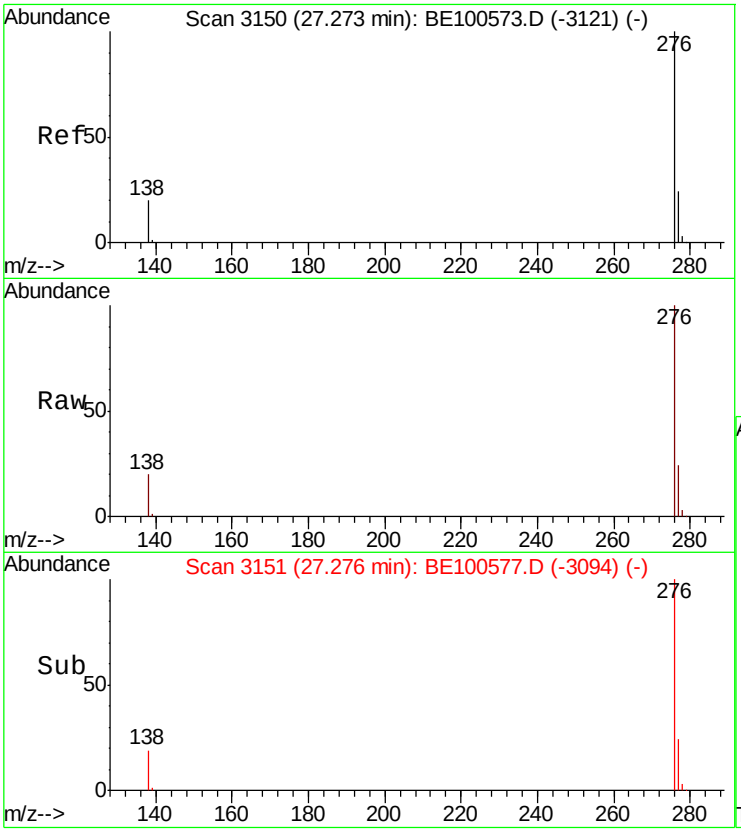


#38
Dibenzo(a,h)anthracene
Concen: 5.605 ng
RT: 26.49 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Tgt Ion:278 Resp: 464940

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.7	17.5
279	23.9	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 5.171 ng
RT: 27.28 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BE100577.D
Acq: 27 Sep 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 447919

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.7	29.5
138	19.6	17.0	25.4