Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100230.D
Acq On : 28 Jun 2019 11:37
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 12:20:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 12:13:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	637	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	2233	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1759	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5410	0.40	ng		0.00
27) Chrysene-d12	21.24	240	8141	0.40	ng		0.00
34) Perylene-d12	23.66	264	9968	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2599	1.84	ng		0.00
5) Phenol-d6	6.82	99	3470	1.78	ng		-0.01
8) Nitrobenzene-d5	8.81	82	3722	1.67	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	6723	1.61	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2124	2.09	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	10779	1.53	ng		-0.01
25) Fluoranthene-d10	19.10	212	127236	1.63	ng		0.00
29) Terphenyl-d14	19.69	244	27185	1.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1467	1.472	ng		98
3) n-Nitrosodimethylamine	3.44	42	788	2.136	ng	#	90
6) bis(2-Chloroethyl)ether	7.08	93	2782	1.560	ng	#	62
9) Naphthalene	10.48	128	38492	1.579	ng	#	97
10) Hexachlorobutadiene	10.76	225	3716	1.477	ng		97
12) 2-Methylnaphthalene	12.12	142	6767	1.725	ng		95
16) Acenaphthylene	14.04	152	13651	1.592	ng		98
17) Acenaphthene	14.38	154	7823	1.627	ng		98
18) Fluorene	15.35	166	11598	1.668	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	5684	1.693	ng	#	85
21) Hexachlorobenzene	16.36	284	5787	1.571	ng		97
22) Pentachlorophenol	16.72	266	2011	2.320	ng		91
23) Phenanthrene	17.09	178	22049	1.721	ng		100
24) Anthracene	17.19	178	20445	1.889	ng		100
26) Fluoranthene	19.13	202	34449	1.652	ng		100
28) Pyrene	19.49	202	35314	1.694	ng		100
30) Benzo(a)anthracene	21.22	228	43600	1.817	ng		99
31) Chrysene	21.28	228	43476	1.544	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	61663	2.235	ng		100
33) Indeno(1,2,3-cd)pyrene	26.21	276	57094	1.425	ng		99
35) Benzo(b)fluoranthene	22.92	252	44758	1.669	ng	#	95
36) Benzo(k)fluoranthene	22.92	252	44758	1.395	ng		99
37) Benzo(a)pyrene	23.55	252	43733	1.574	ng	#	92
38) Dibenzo(a,h)anthracene	26.24	278	46473	1.564	ng	#	96
39) Benzo(g,h,i)perylene	27.00	276	47013	1.515	ng		97

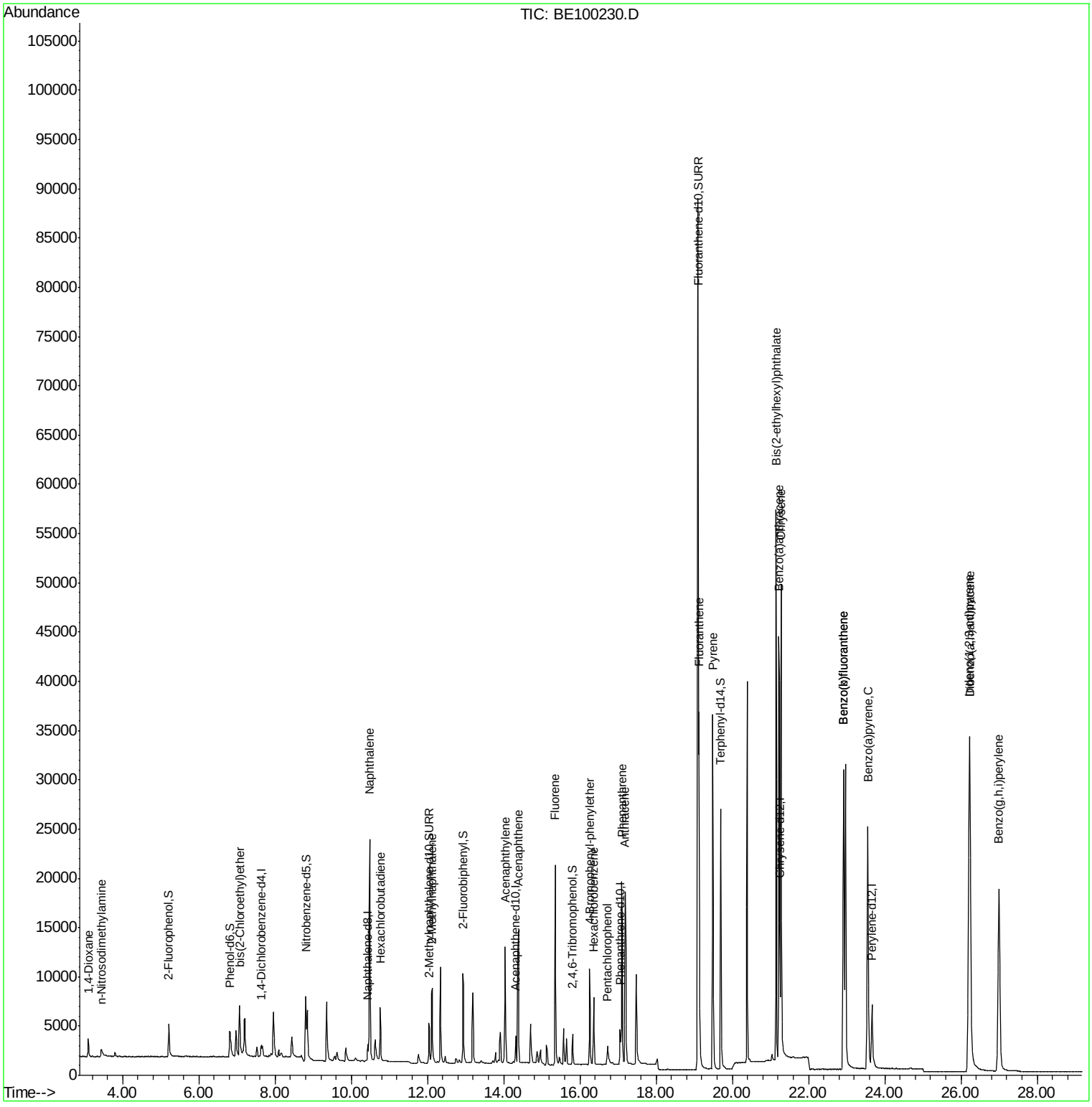
(#) = qualifier out of range (m) = manual integration (+) = signals summed

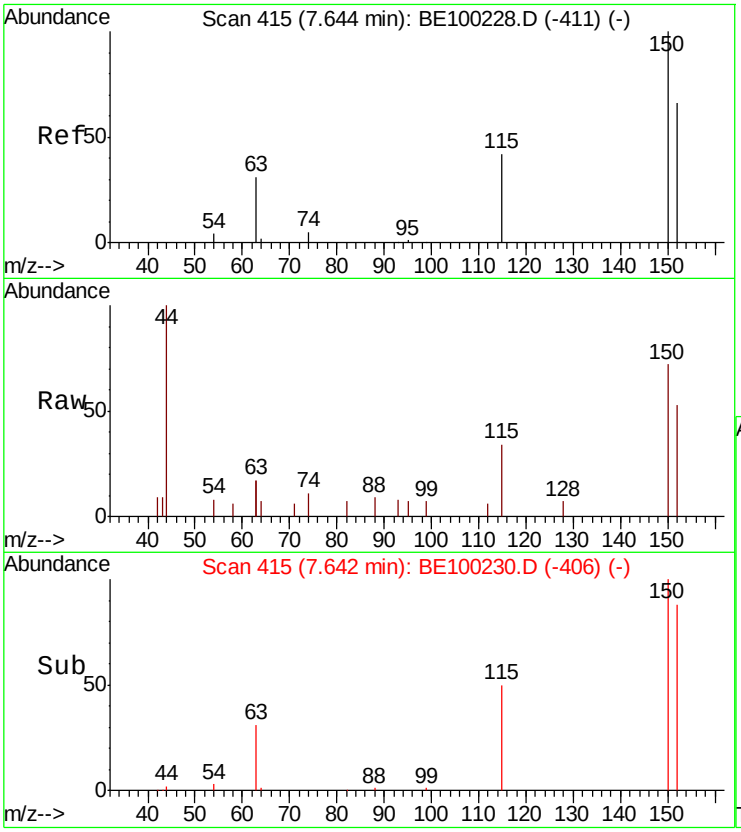
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100230.D
Acq On : 28 Jun 2019 11:37
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 12:20:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 12:13:05 2019
Response via : Initial Calibration



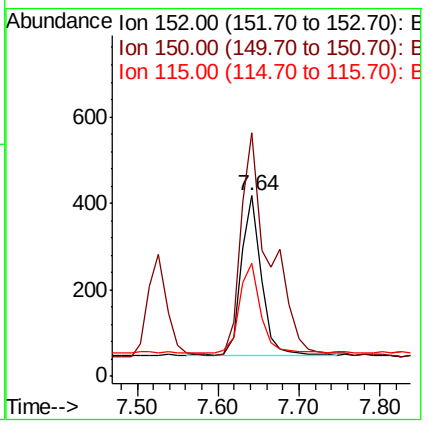


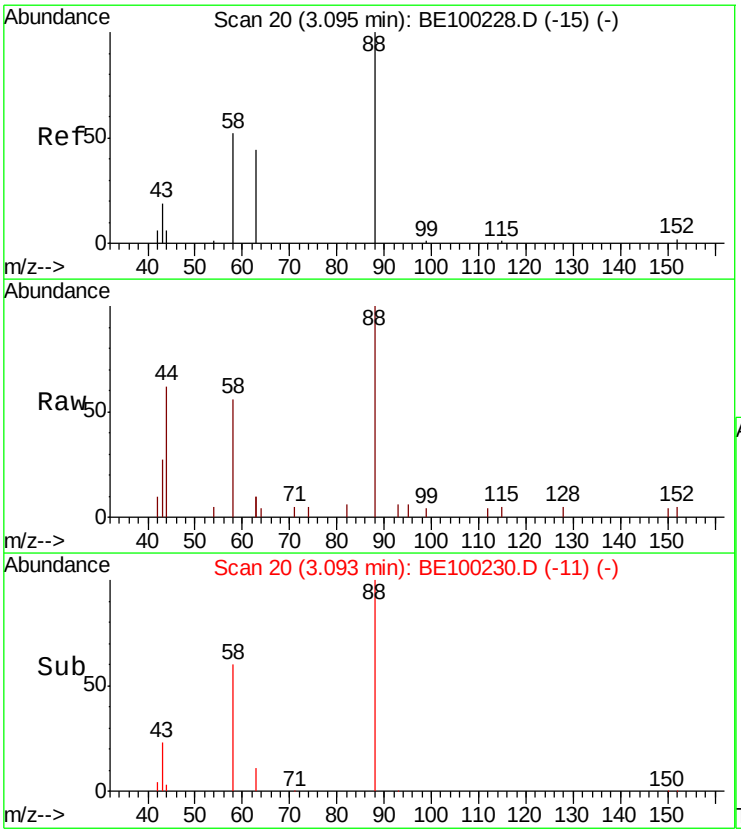
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 637

Ion	Ratio	Lower	Upper
152	100		
150	135.0	114.5	171.7
115	62.8	57.1	85.7

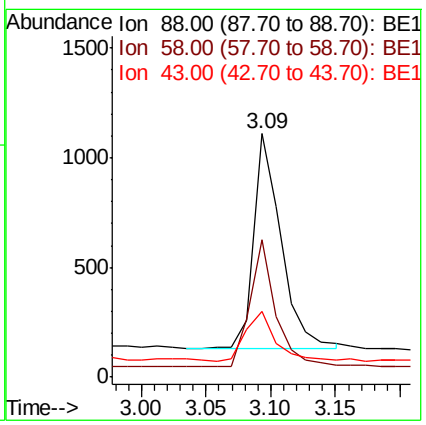


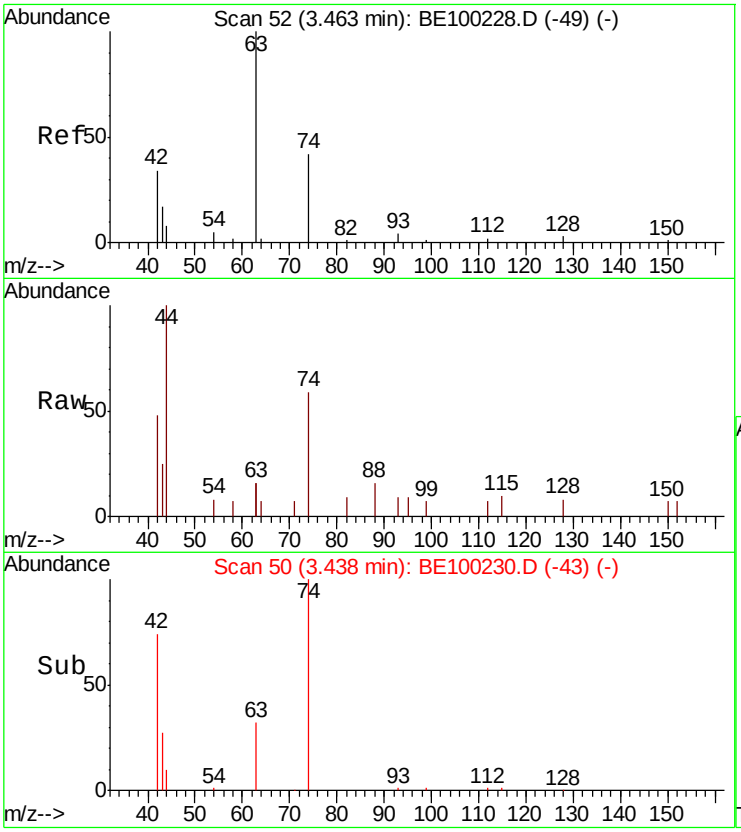


#2
1,4-Dioxane
Concen: 1.472 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion: 88 Resp: 1467

Ion	Ratio	Lower	Upper
88	100		
58	55.4	43.6	65.4
43	24.1	21.4	32.0



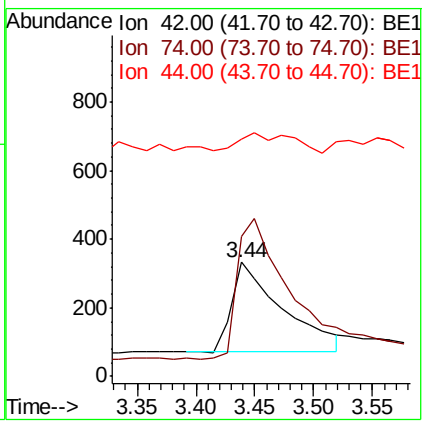


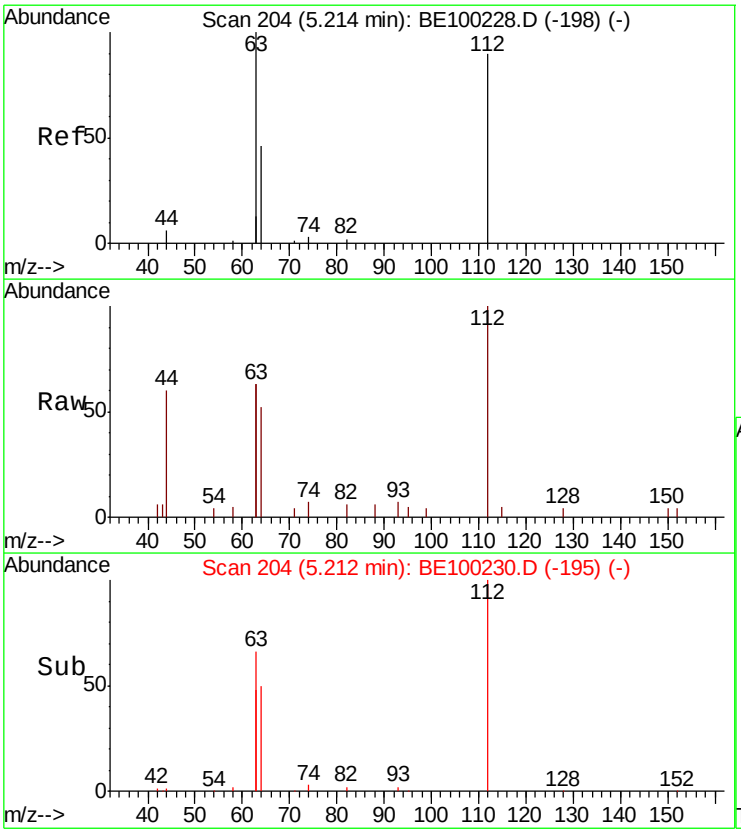
#3
n-Nitrosodimethylamine
Concen: 2.136 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.03 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 788

Ion	Ratio	Lower	Upper
42	100		
74	159.9	130.6	196.0
44	23.7	38.0	57.0#

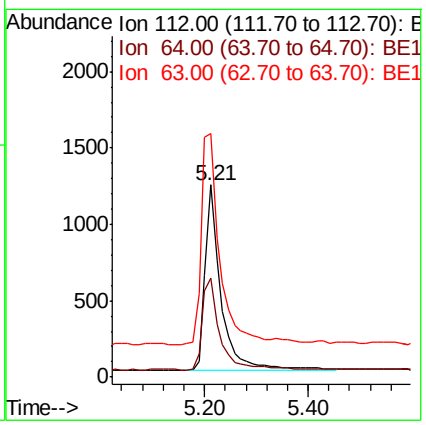


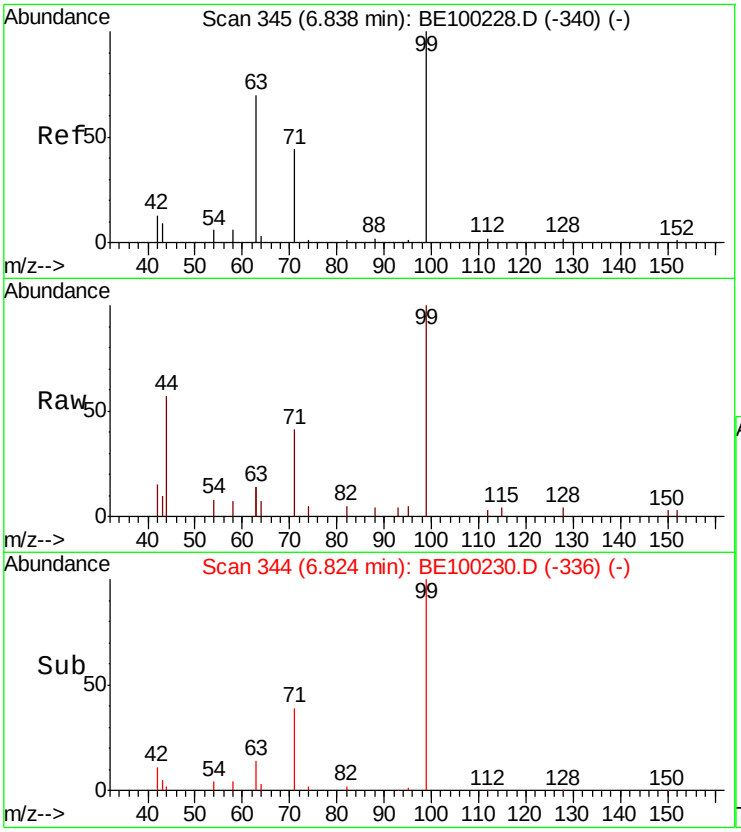


#4
2-Fluorophenol
Concen: 1.835 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:112 Resp: 2599

Ion	Ratio	Lower	Upper
112	100		
64	55.3	39.4	59.0
63	131.9	104.5	156.7



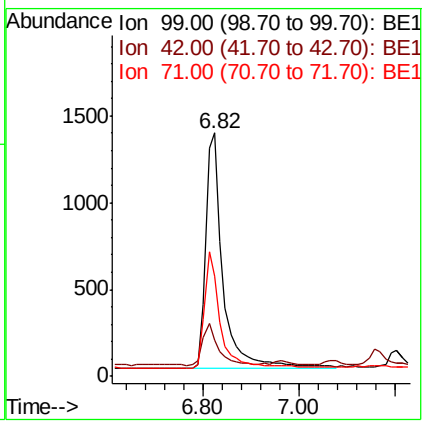


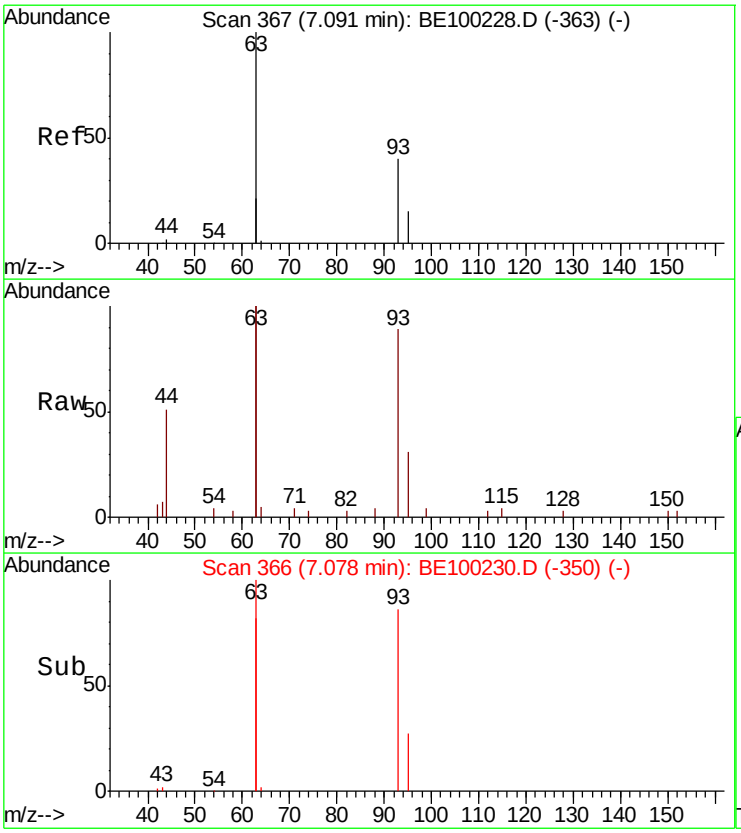
#5
Phenol-d6
Concen: 1.781 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3470

Ion	Ratio	Lower	Upper
99	100		
42	16.1	11.2	16.8
71	44.8	37.2	55.8

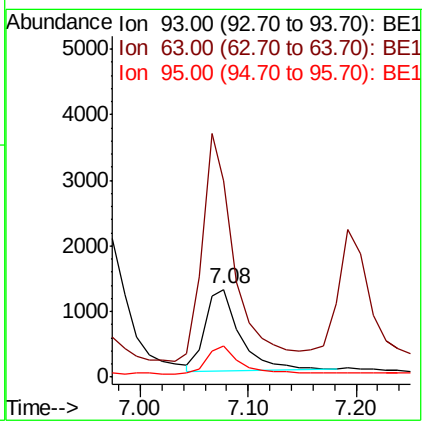


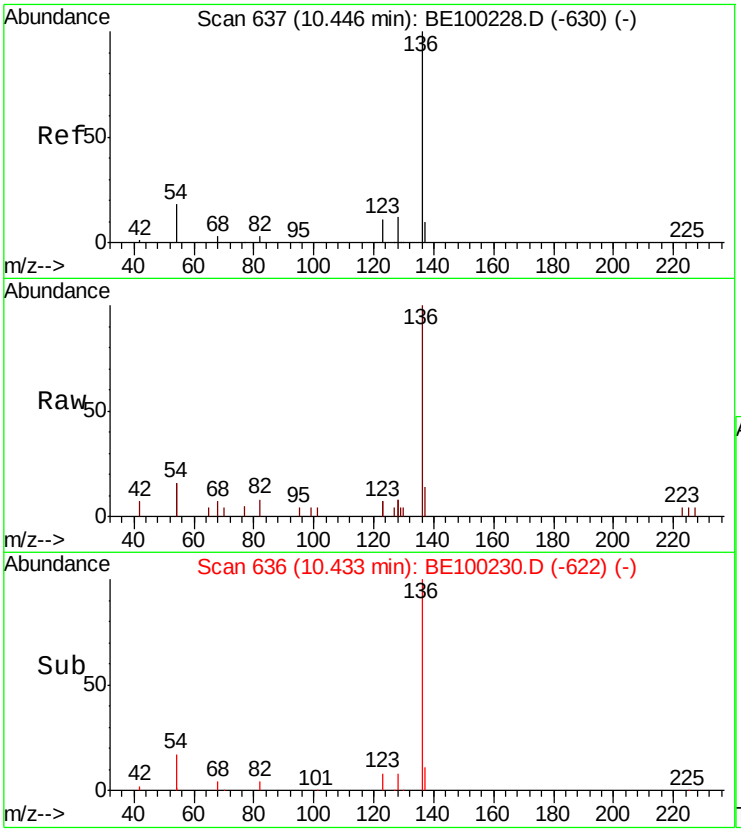


#6
bis(2-Chloroethyl)ether
Concen: 1.560 ng
RT: 7.08 min Scan# 366
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion: 93 Resp: 2782

Ion	Ratio	Lower	Upper
93	100		
63	256.8	155.6	233.4#
95	34.0	23.0	34.4



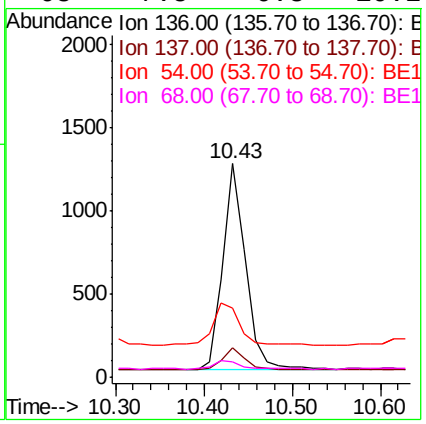


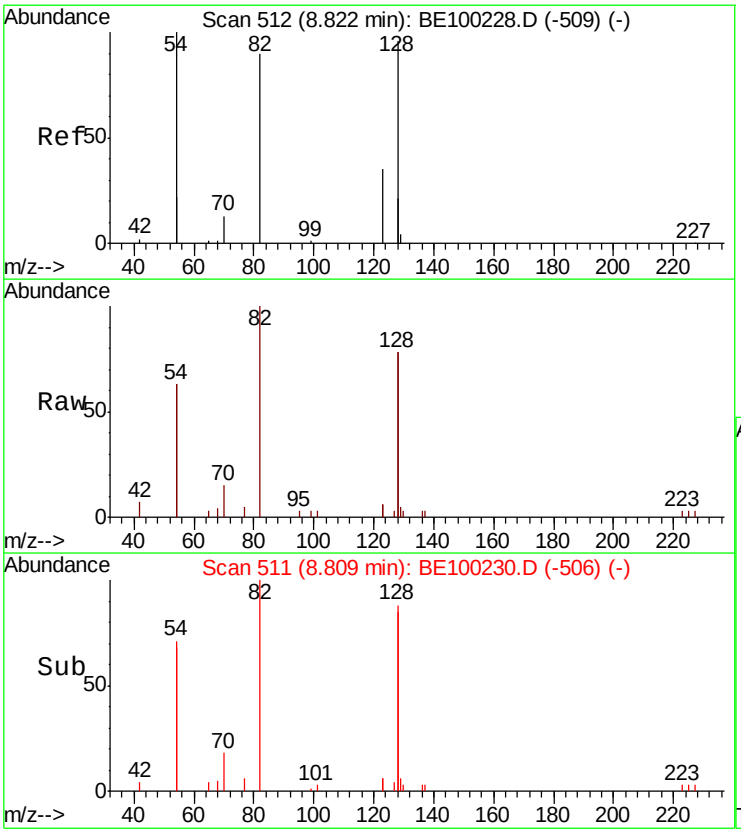
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2233

Ion	Ratio	Lower	Upper
136	100		
137	13.9	11.8	17.8
54	32.1	27.7	41.5
68	7.5	6.8	10.2

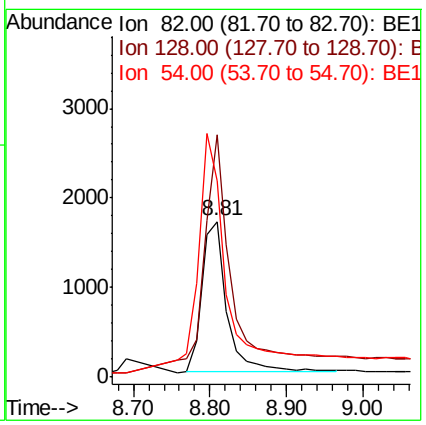


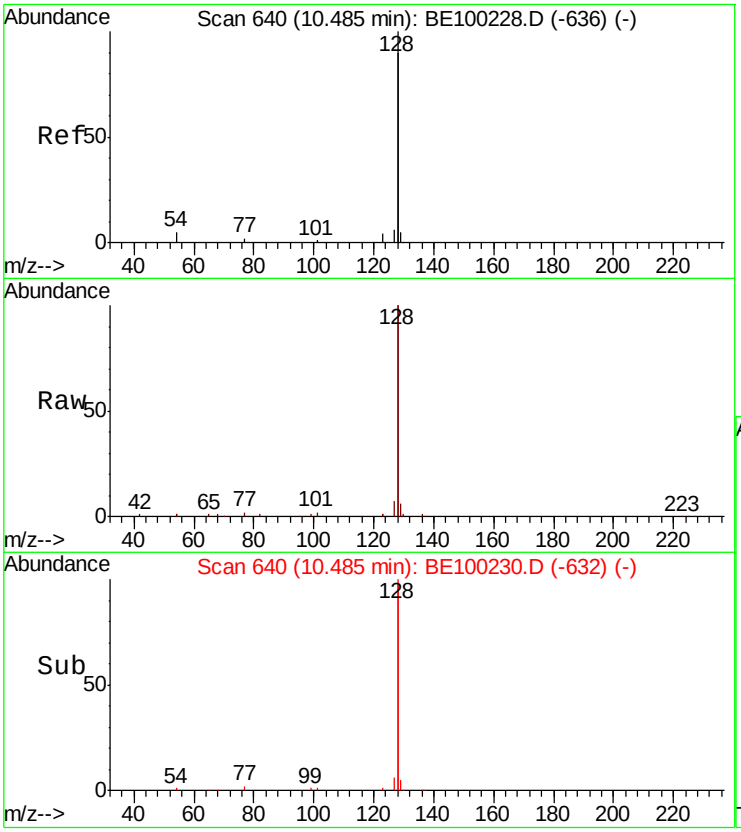


#8
Nitrobenzene-d5
Concen: 1.675 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion: 82 Resp: 3722

Ion	Ratio	Lower	Upper
82	100		
128	156.2	140.9	211.3
54	125.8	146.2	219.2#



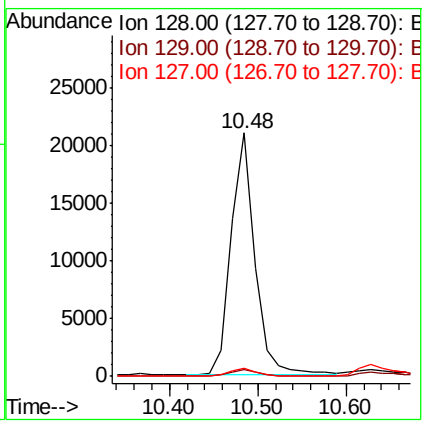


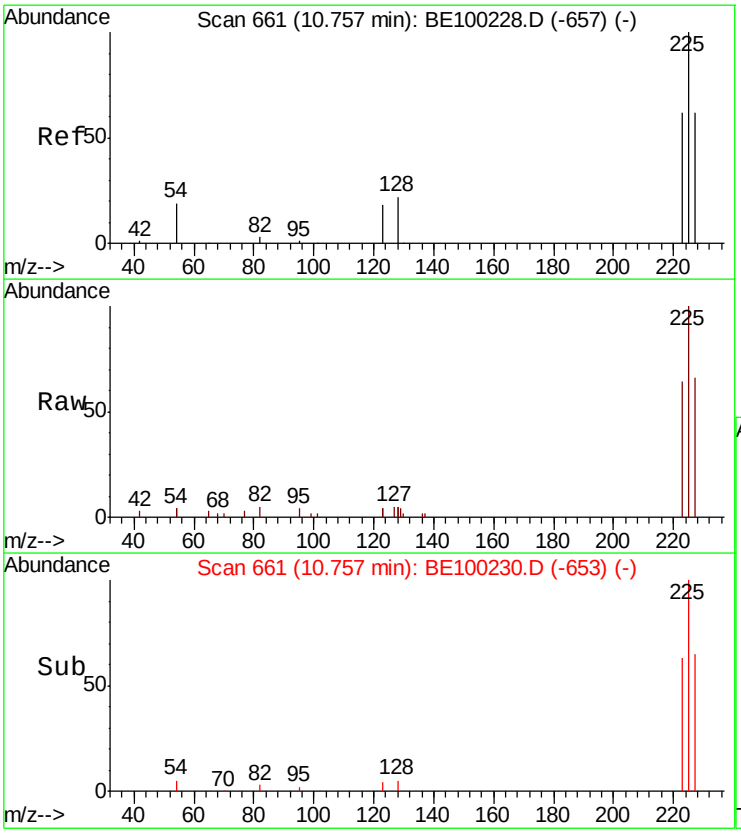
#9
Naphthalene
Concen: 1.579 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 38492

Ion	Ratio	Lower	Upper
128	100		
129	2.8	3.0	4.6#
127	3.4	3.5	5.3#

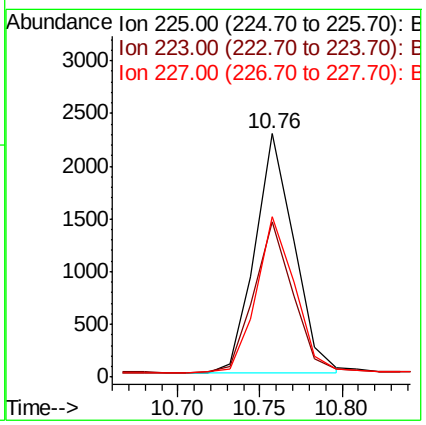


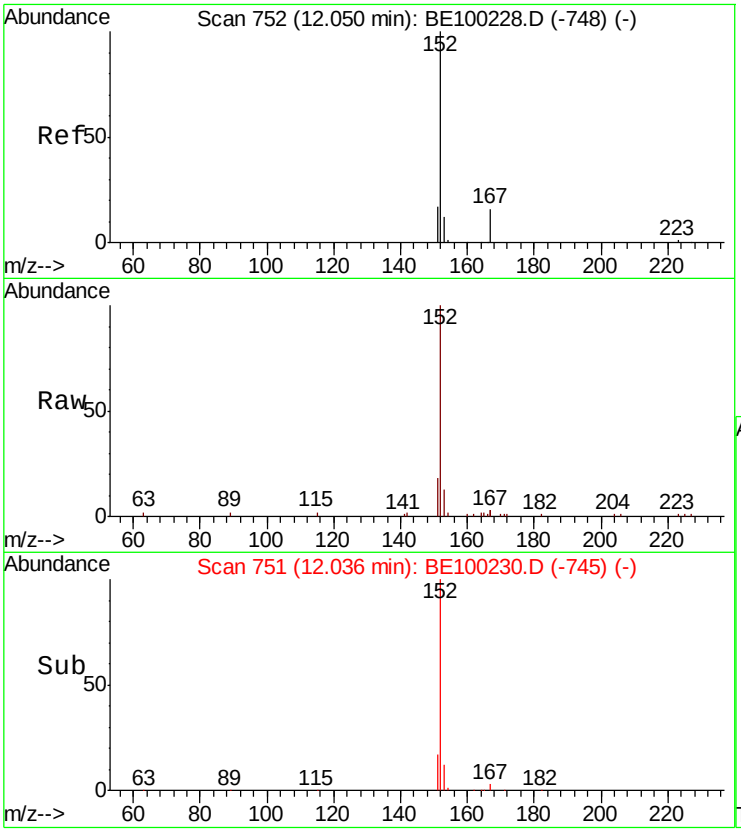


#10
Hexachlorobutadiene
Concen: 1.477 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:225 Resp: 3716

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.1	73.7
227	64.5	49.3	73.9



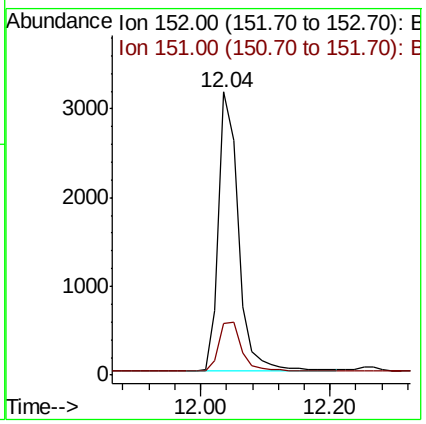


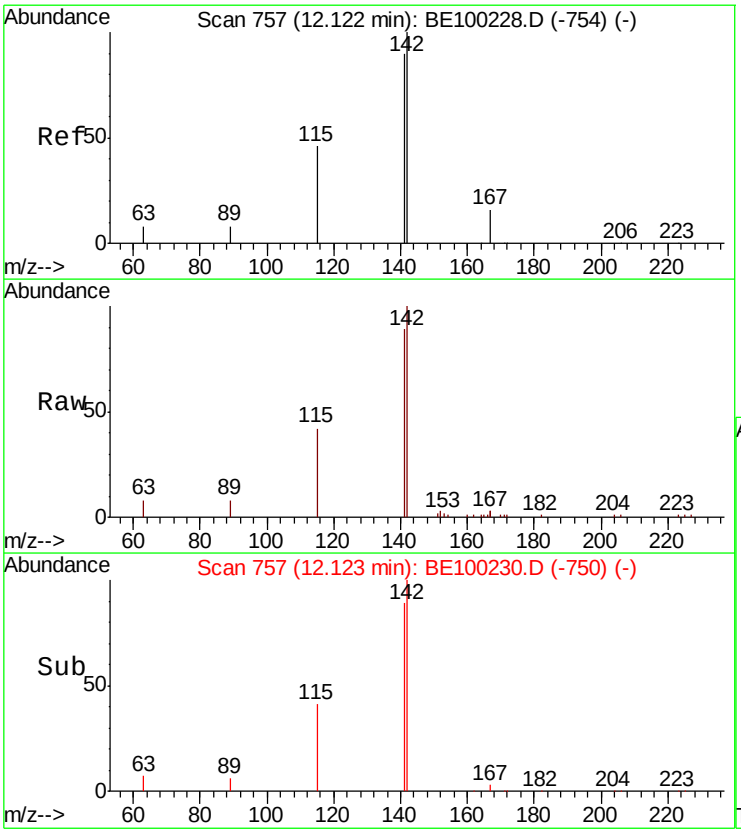
#11
2-Methylnaphthalene-d10
Concen: 1.606 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6723

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.1	22.7

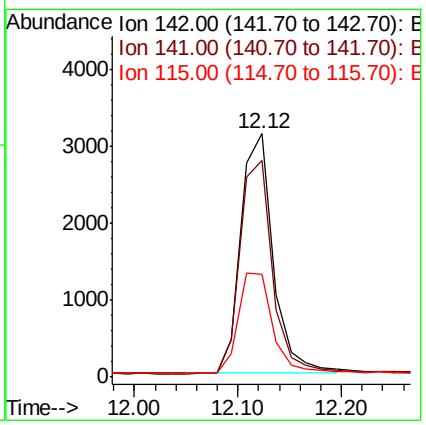


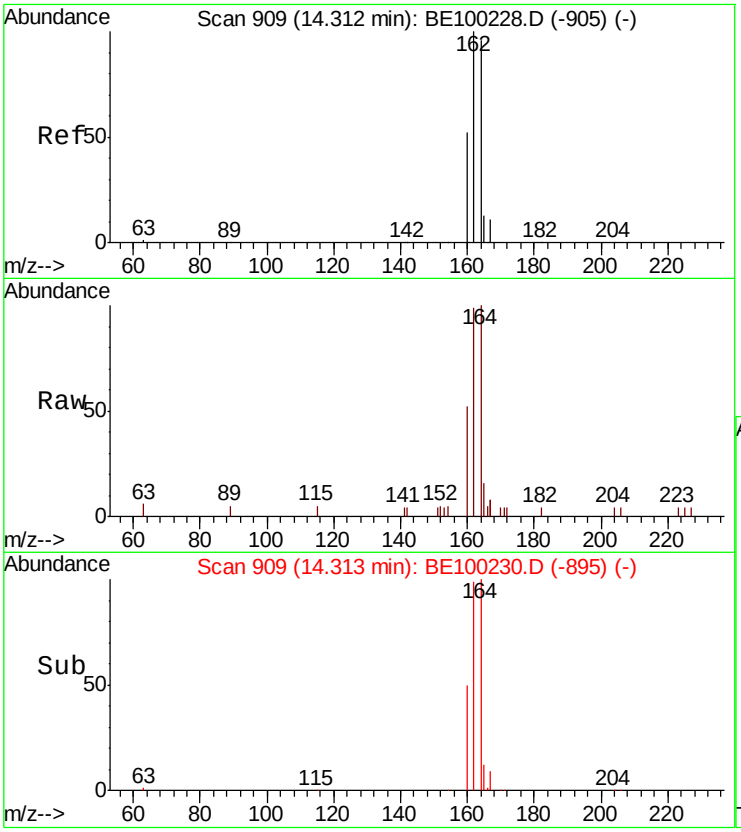


#12
2-Methylnaphthalene
Concen: 1.725 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:142 Resp: 6767

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.4	108.6
115	42.1	40.4	60.6



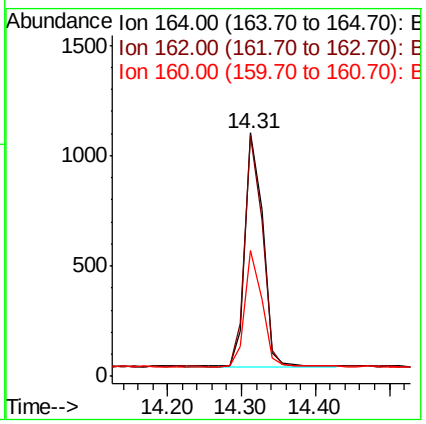


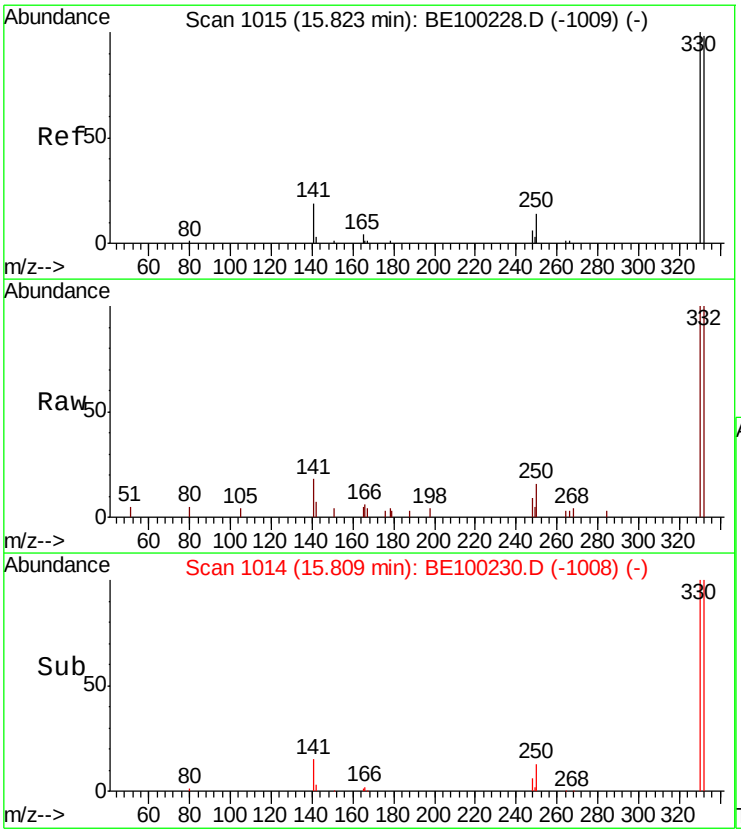
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1759

Ion	Ratio	Lower	Upper
164	100		
162	98.8	83.4	125.0
160	51.9	45.0	67.6

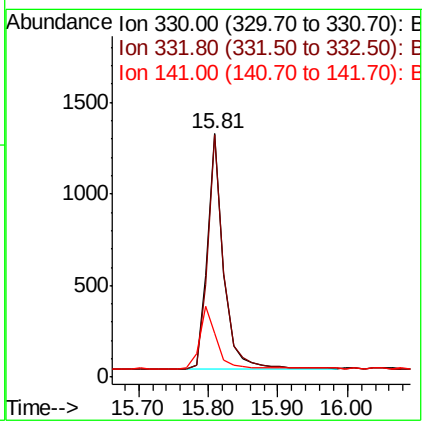


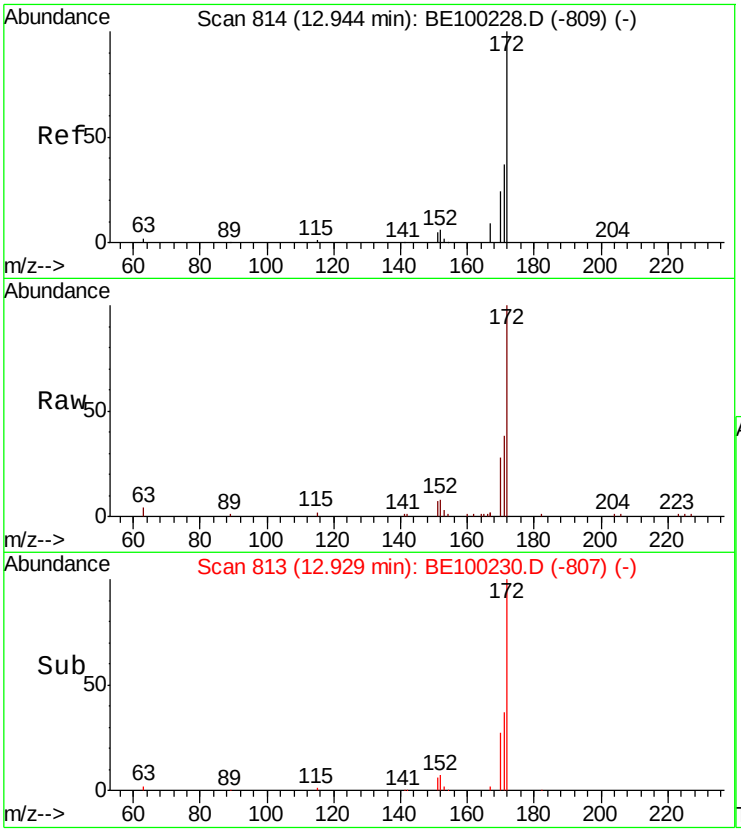


#14
2,4,6-Tribromophenol
Concen: 2.085 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:330 Resp: 2124

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.4
141	26.6	22.0	33.0



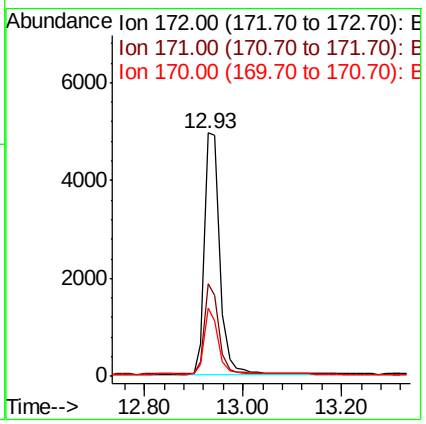


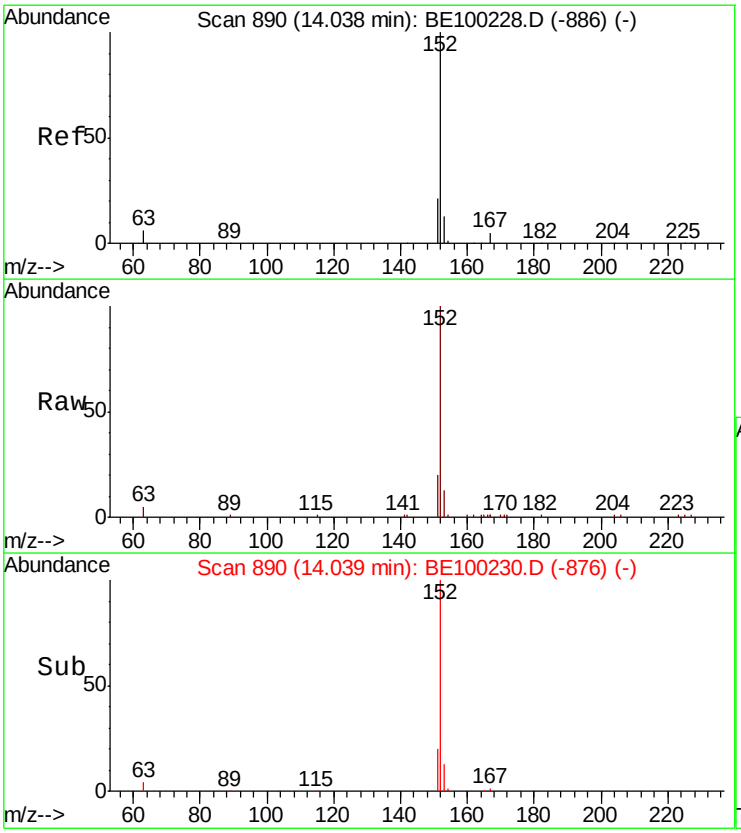
#15
2-Fluorobiphenyl
Concen: 1.528 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10779

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.9	47.9
170	27.9	22.2	33.2

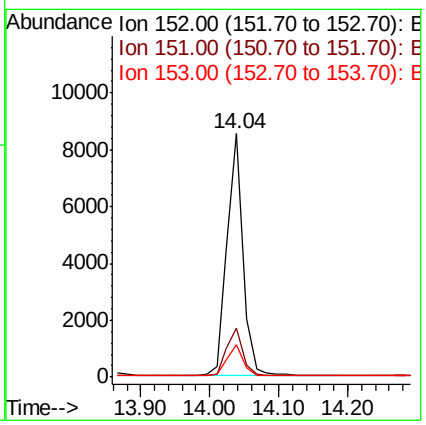


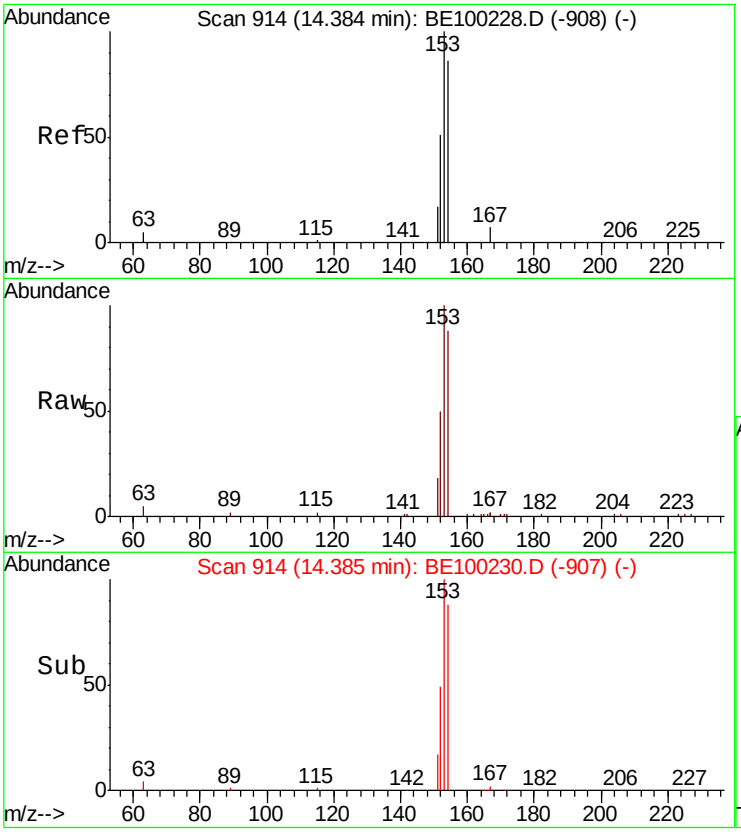


#16
Acenaphthylene
Concen: 1.592 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:152 Resp: 13651

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	25.0
153	12.9	10.5	15.7



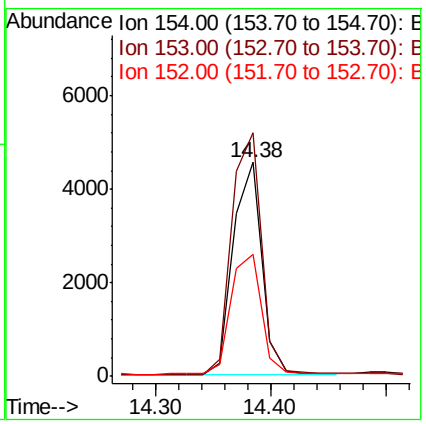


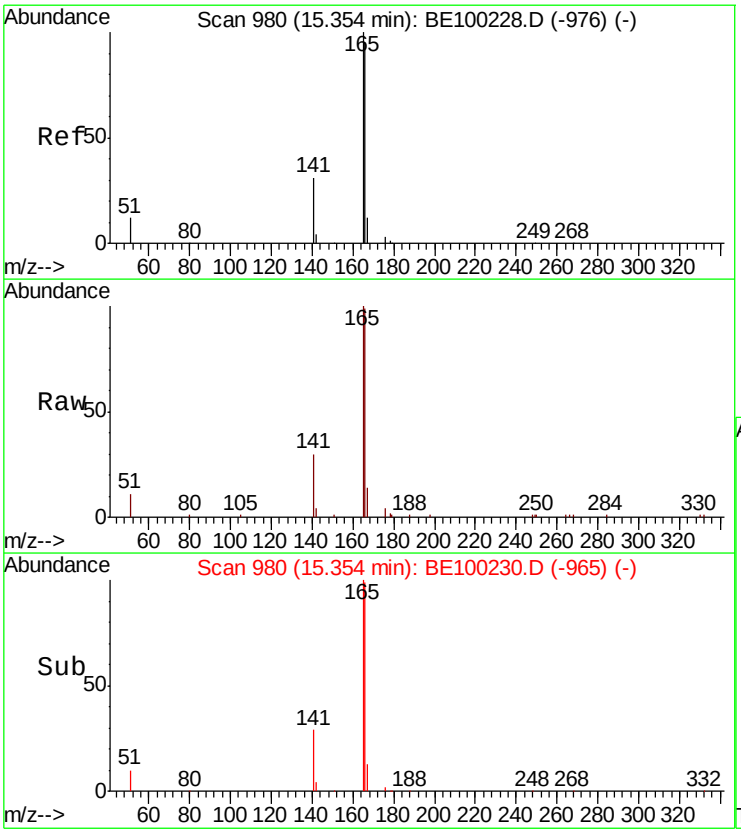
#17
Acenaphthene
Concen: 1.627 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7823

Ion	Ratio	Lower	Upper
154	100		
153	118.3	93.4	140.2
152	59.9	49.4	74.2

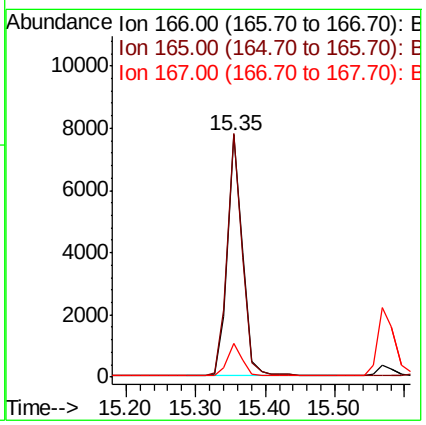


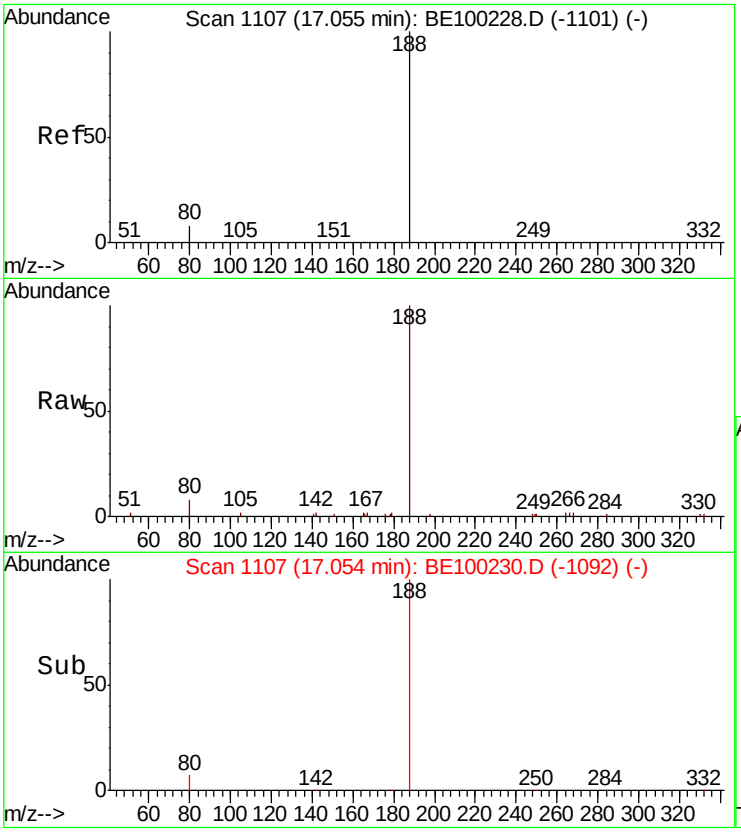


#18
Fluorene
Concen: 1.668 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:166 Resp: 11598

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.1	121.7
167	13.1	10.7	16.1



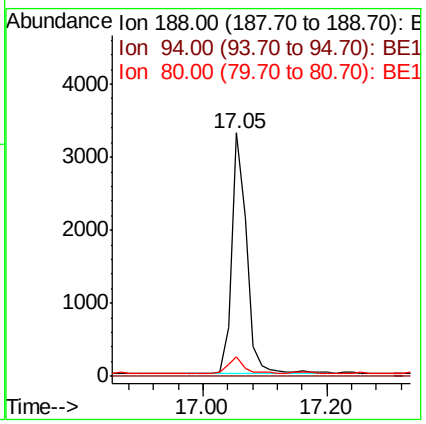


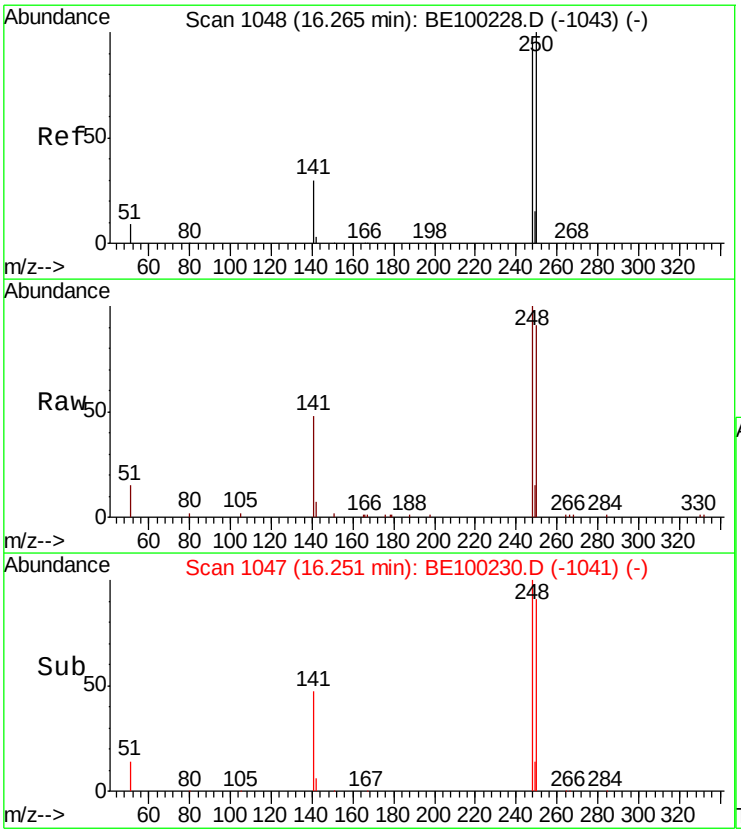
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5410

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.6	11.4

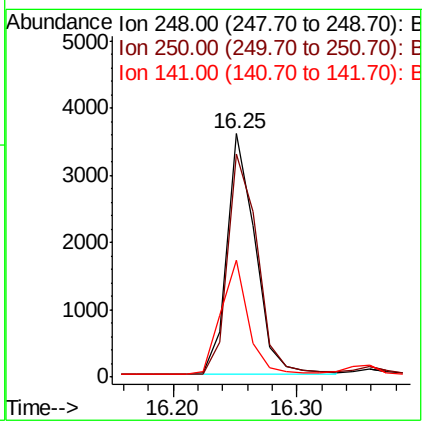


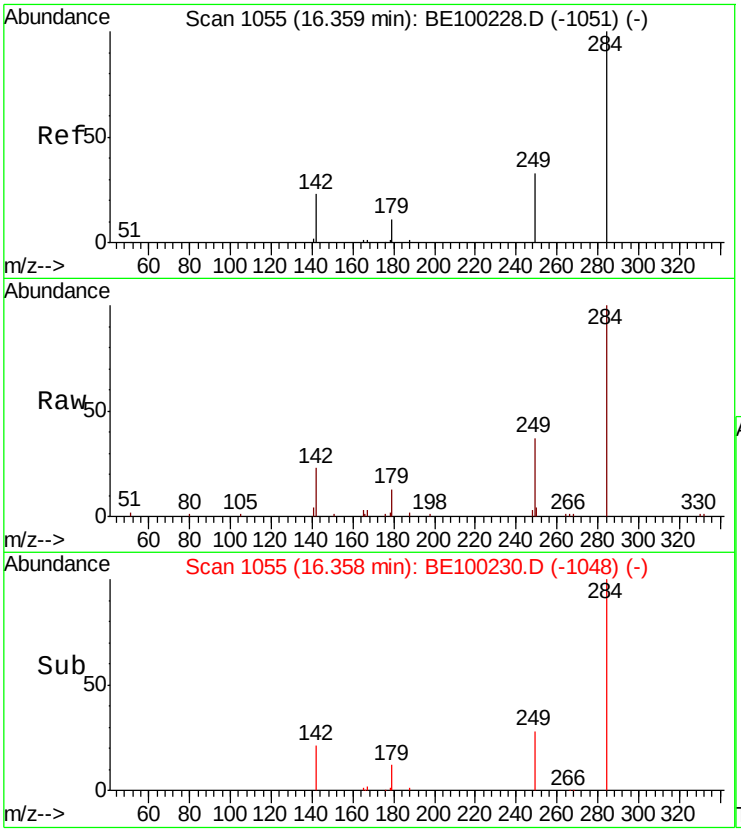


#20
4-Bromophenyl-phenylether
Concen: 1.693 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:248 Resp: 5684

Ion	Ratio	Lower	Upper
248	100		
250	91.5	84.2	126.4
141	47.7	29.3	43.9#



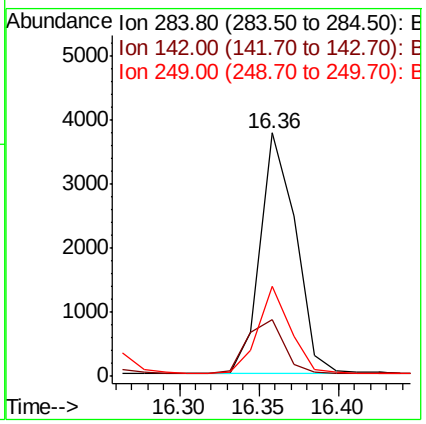


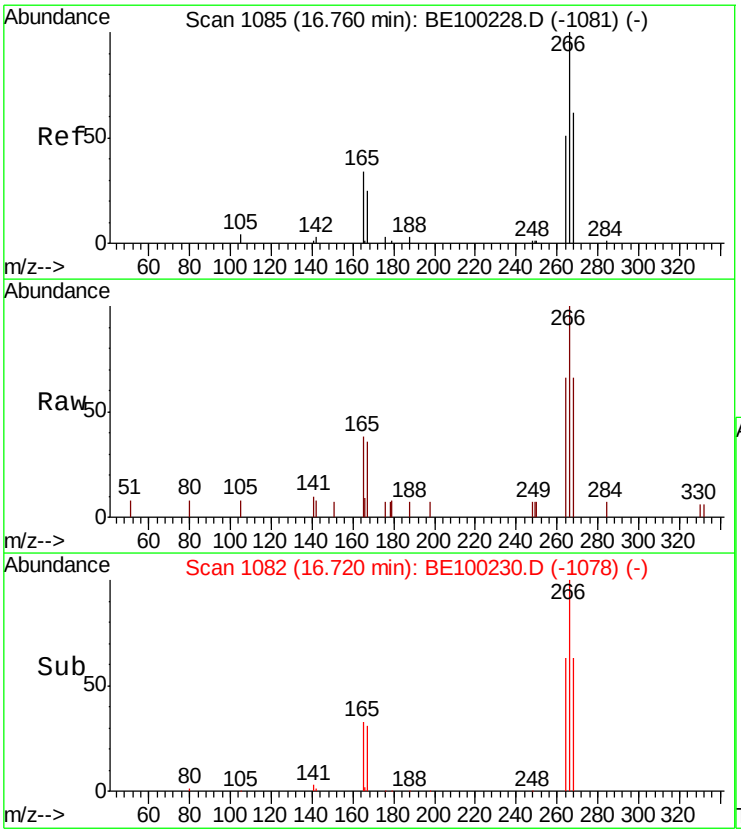
#21
Hexachlorobenzene
Concen: 1.571 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5787

Ion	Ratio	Lower	Upper
284	100		
142	23.5	18.8	28.2
249	32.9	23.7	35.5

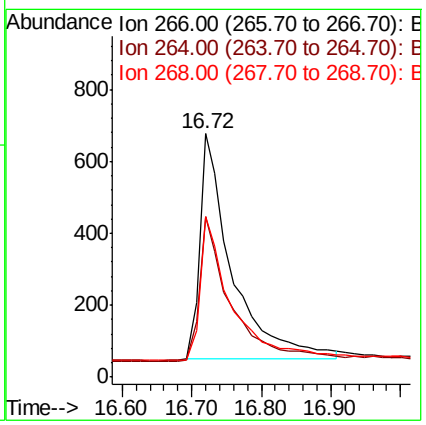


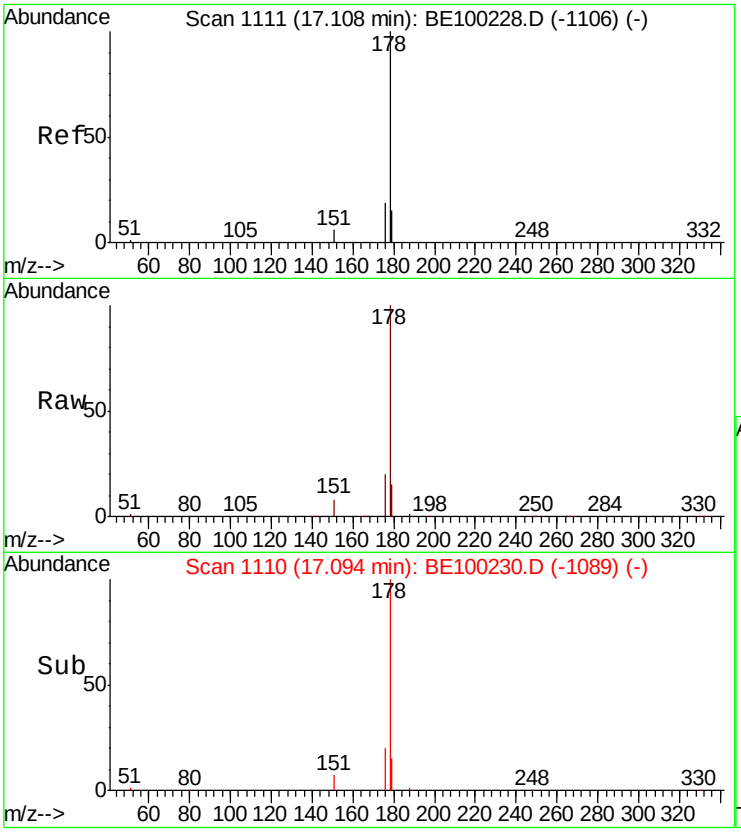


#22
Pentachlorophenol
Concen: 2.320 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:266 Resp: 2011

Ion	Ratio	Lower	Upper
266	100		
264	65.7	56.2	84.2
268	65.9	61.8	92.6



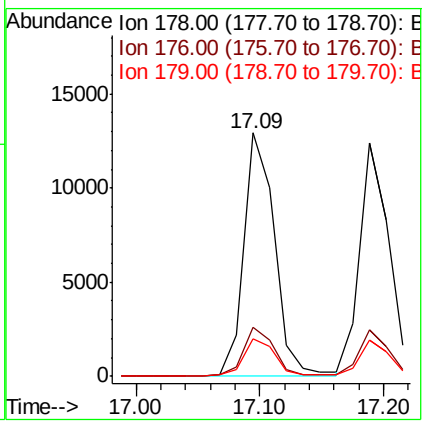


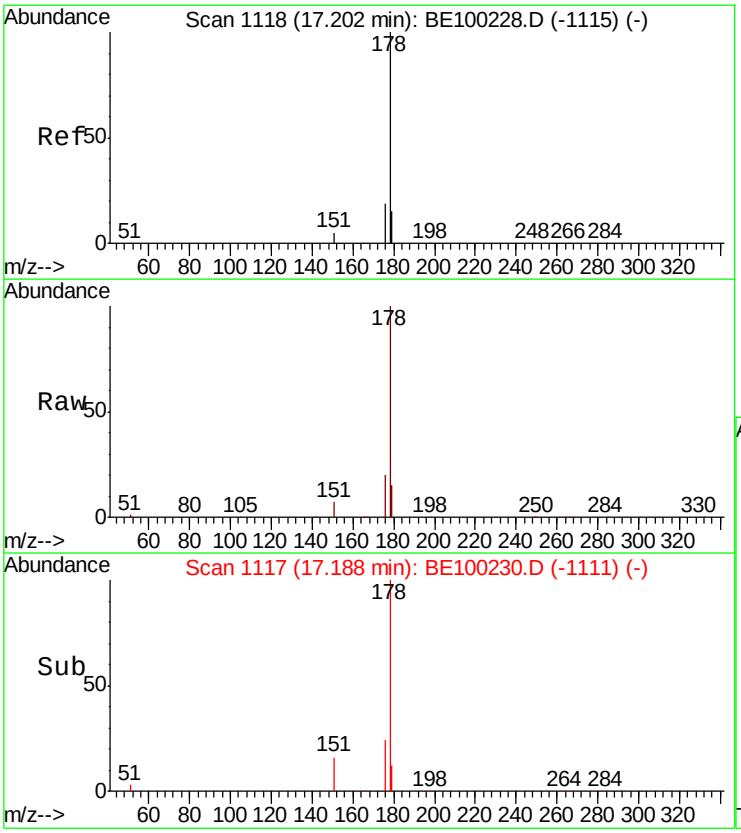
#23
Phenanthrene
Concen: 1.721 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 22049

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.3	12.2	18.2

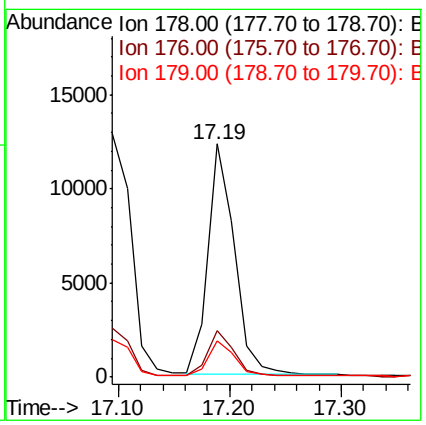


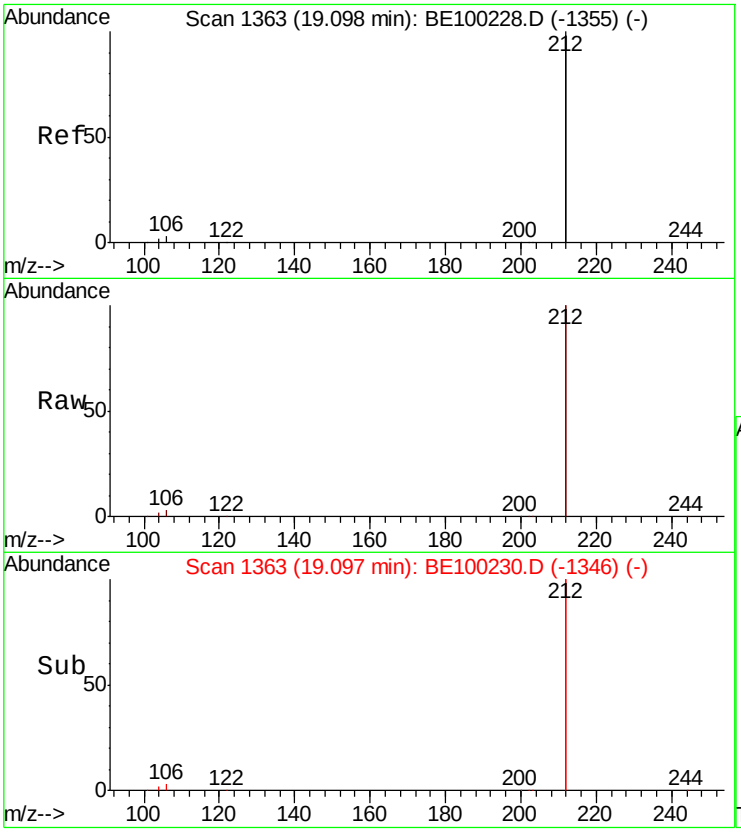


#24
Anthracene
Concen: 1.889 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:178 Resp: 20445

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.2	18.2



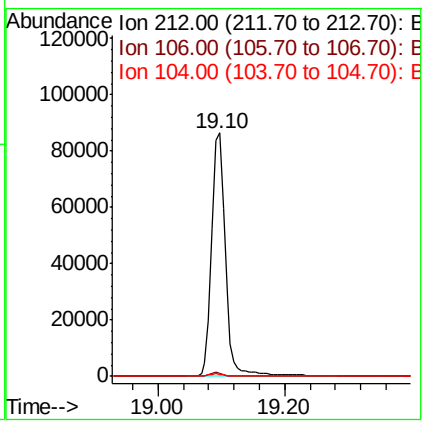


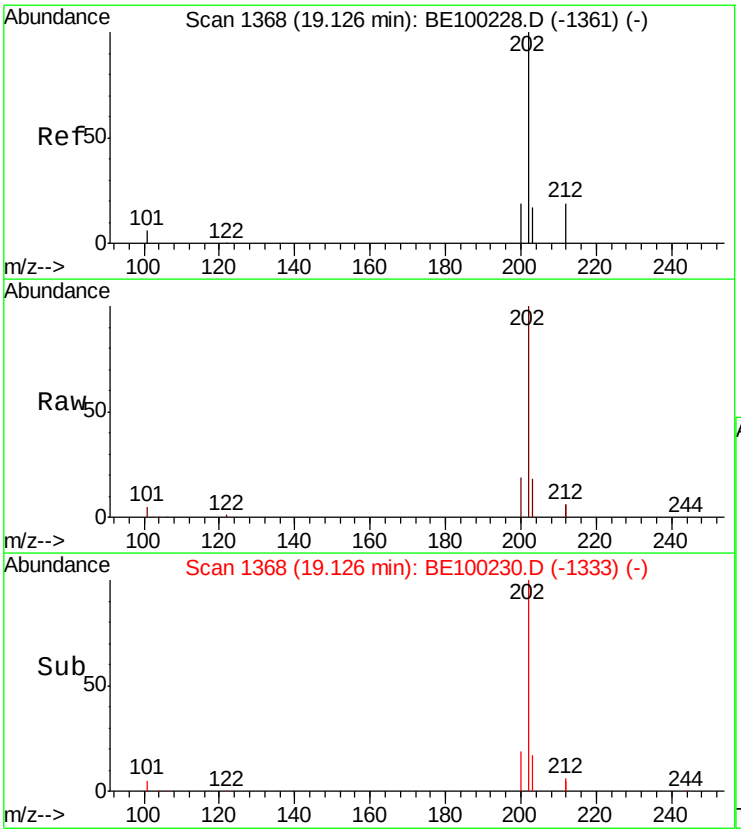
#25
Fluoranthene-d10
Concen: 1.632 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 127236

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2

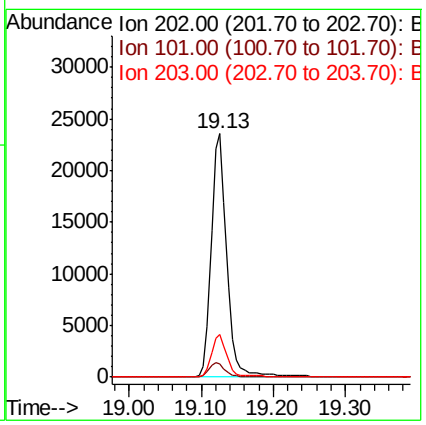


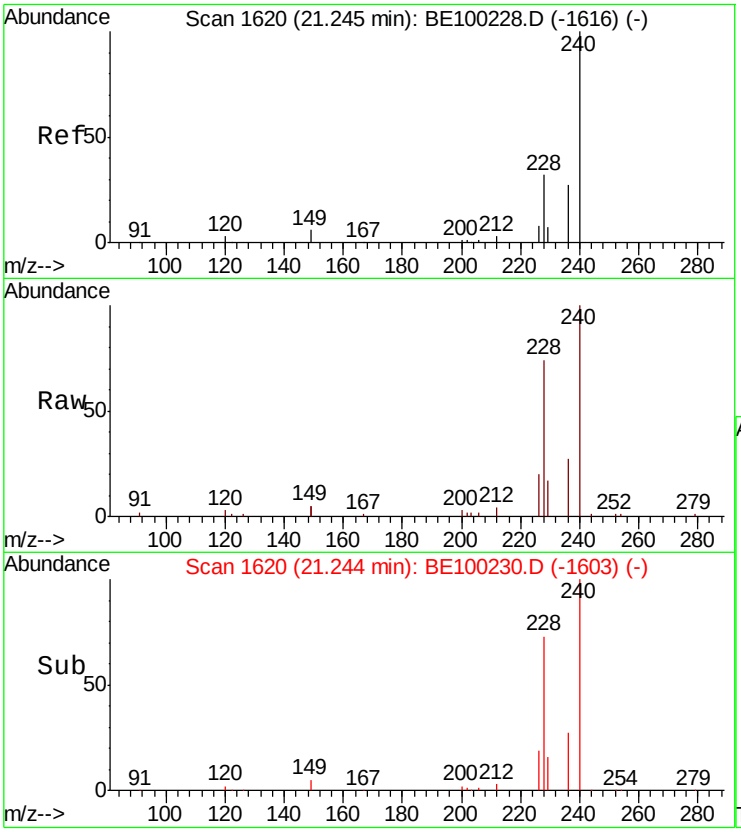


#26
Fluoranthene
Concen: 1.652 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:202 Resp: 34449

Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.6	7.0
203	17.3	13.7	20.5



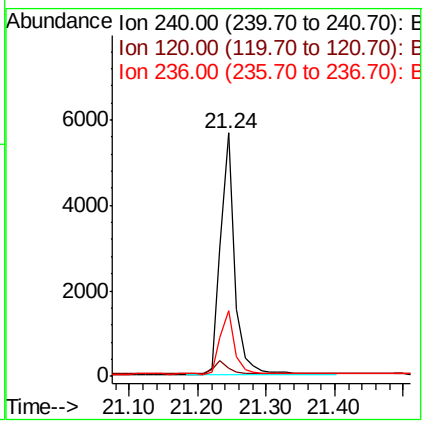


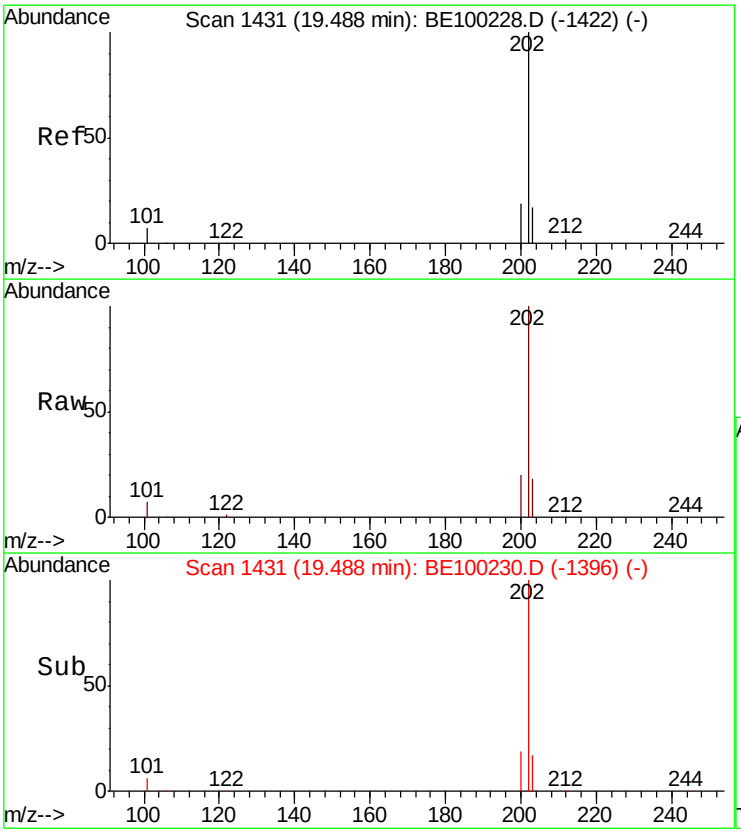
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8141

Ion	Ratio	Lower	Upper
240	100		
120	3.4	3.3	4.9
236	27.2	22.6	34.0

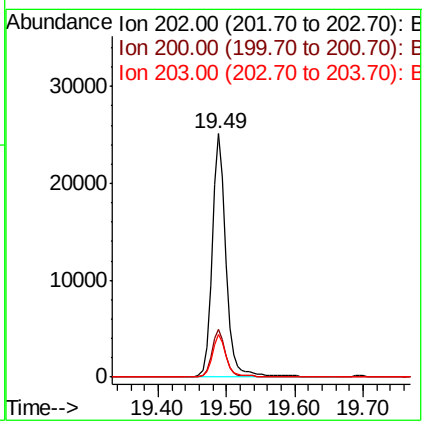


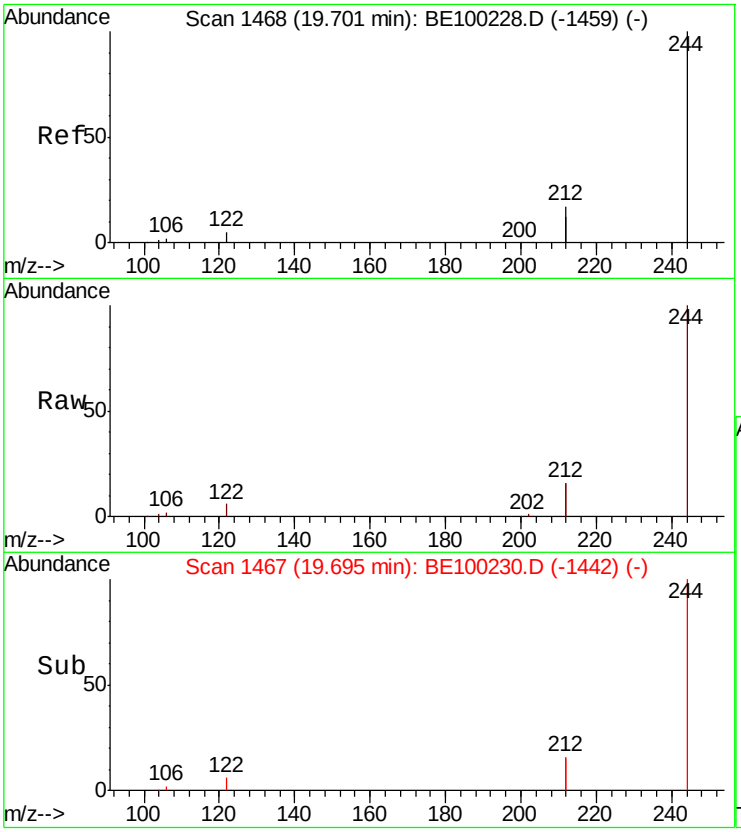


#28
Pyrene
Concen: 1.694 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:202 Resp: 35314

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.2	14.0	21.0



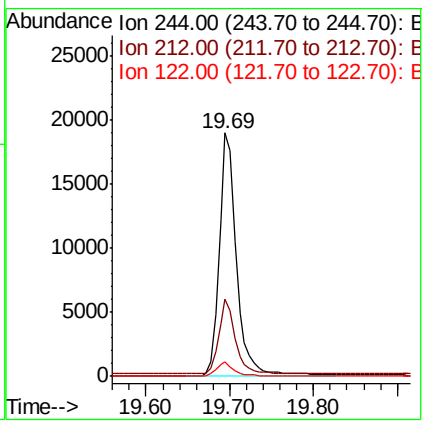


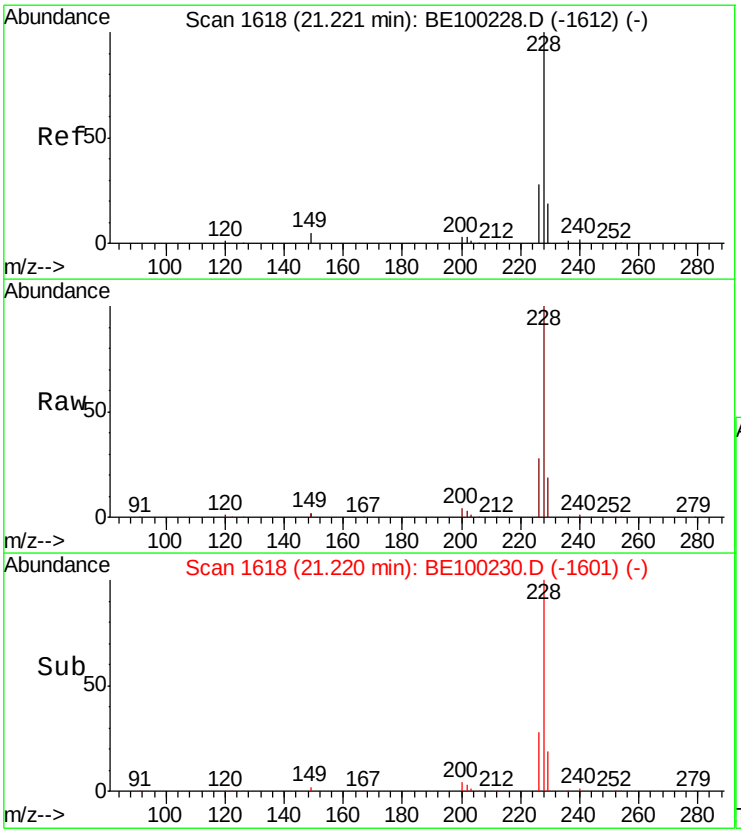
#29
Terphenyl-d14
Concen: 1.701 ng
RT: 19.69 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 27185

Ion	Ratio	Lower	Upper
244	100		
212	31.6	27.3	40.9
122	5.8	4.7	7.1

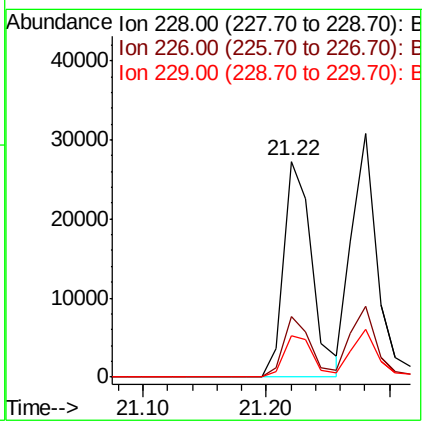


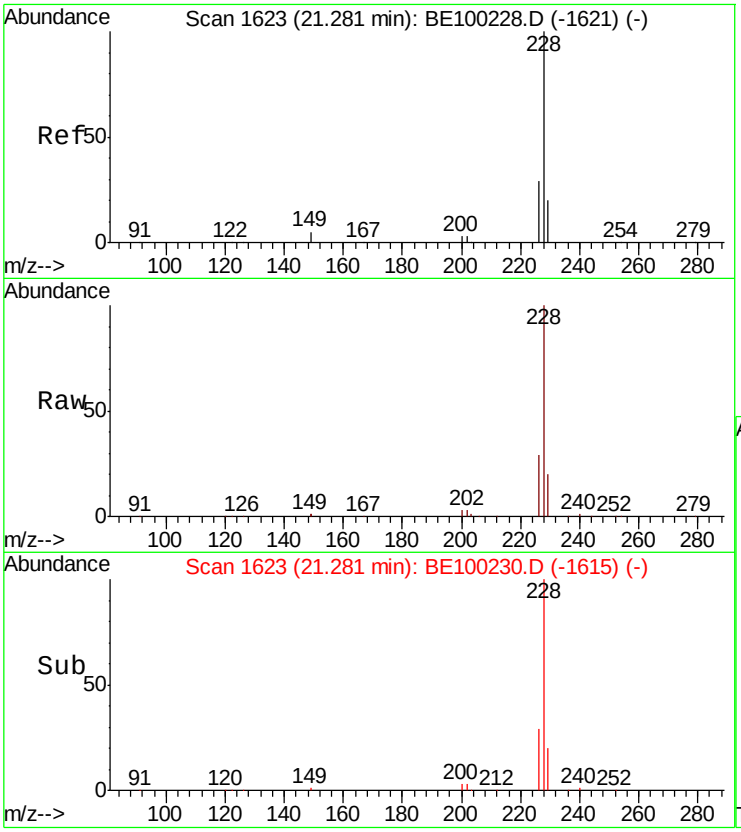


#30
Benzo(a)anthracene
Concen: 1.817 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:228 Resp: 43600

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.2	34.8
229	19.1	15.7	23.5



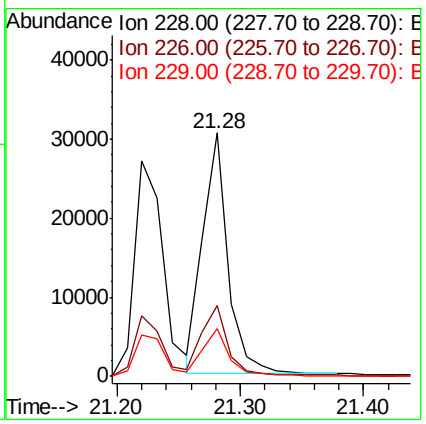


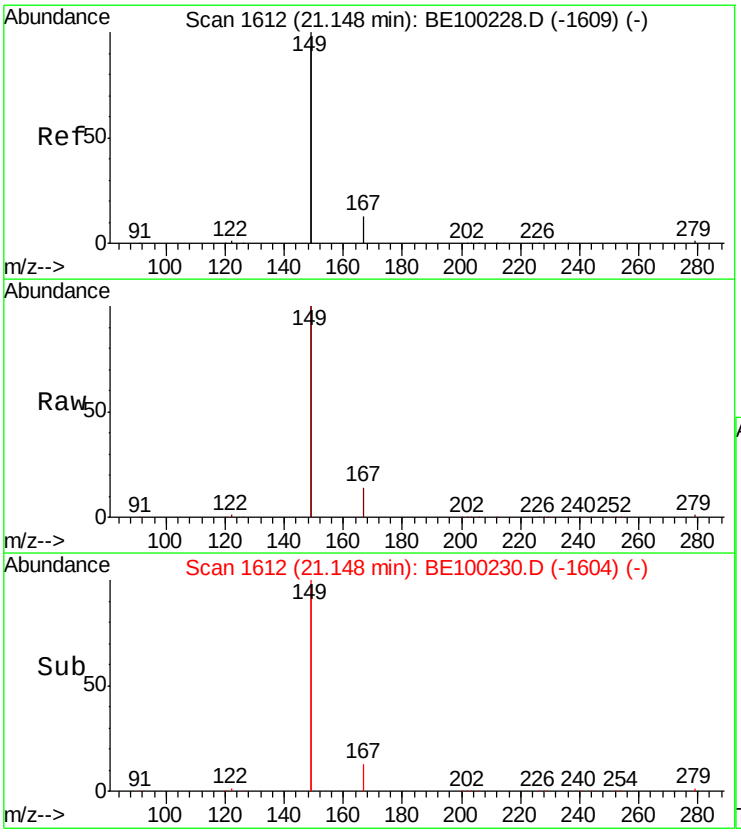
#31
Chrysene
Concen: 1.544 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 43476

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.9	35.9
229	19.8	16.5	24.7

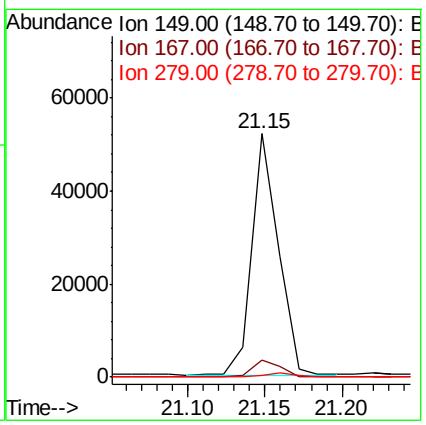


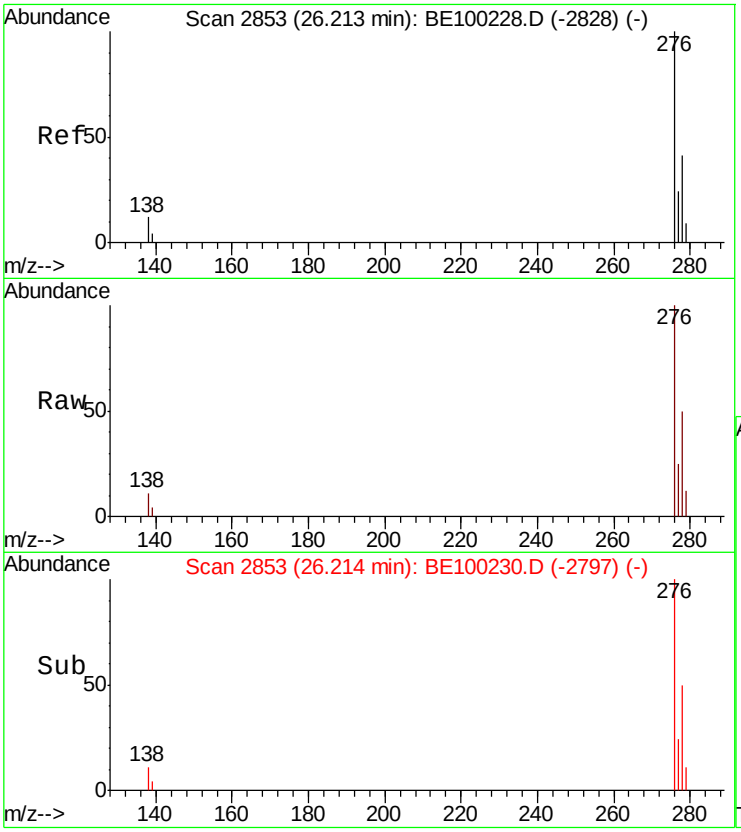


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.235 ng
RT: 21.15 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:149 Resp: 61663

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.4	1.1	1.7



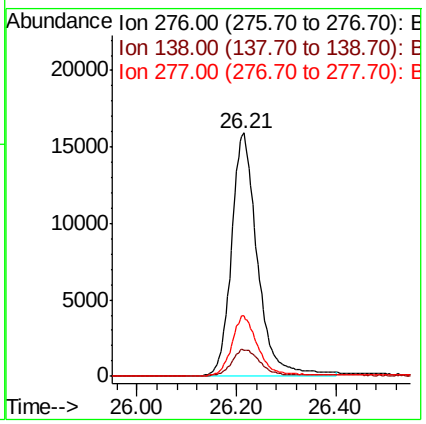


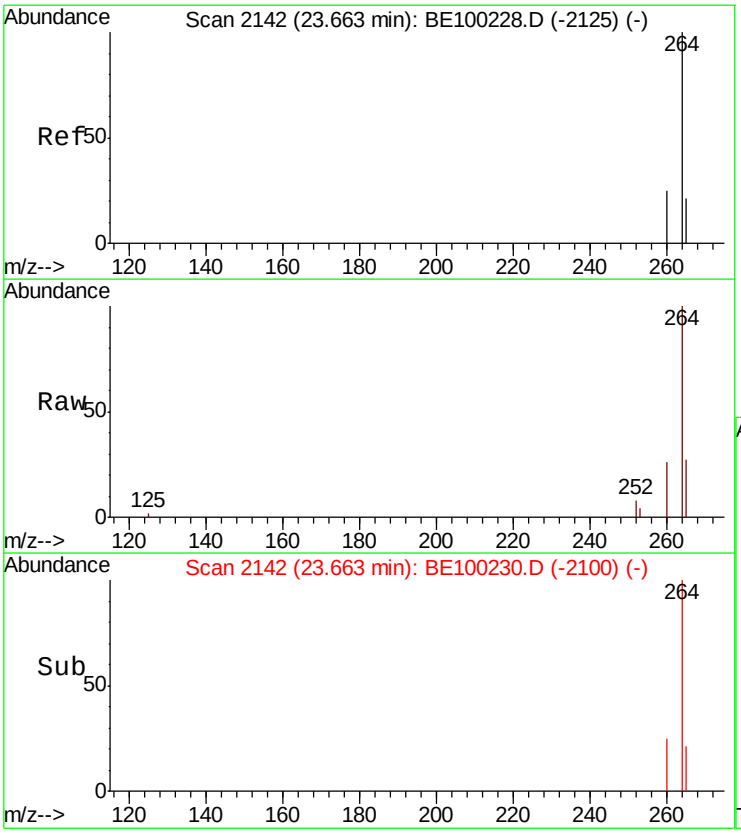
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.425 ng
RT: 26.21 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 57094

Ion	Ratio	Lower	Upper
276	100		
138	11.5	9.4	14.0
277	24.7	19.2	28.8

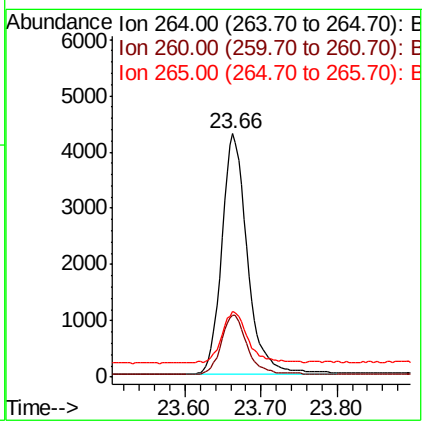


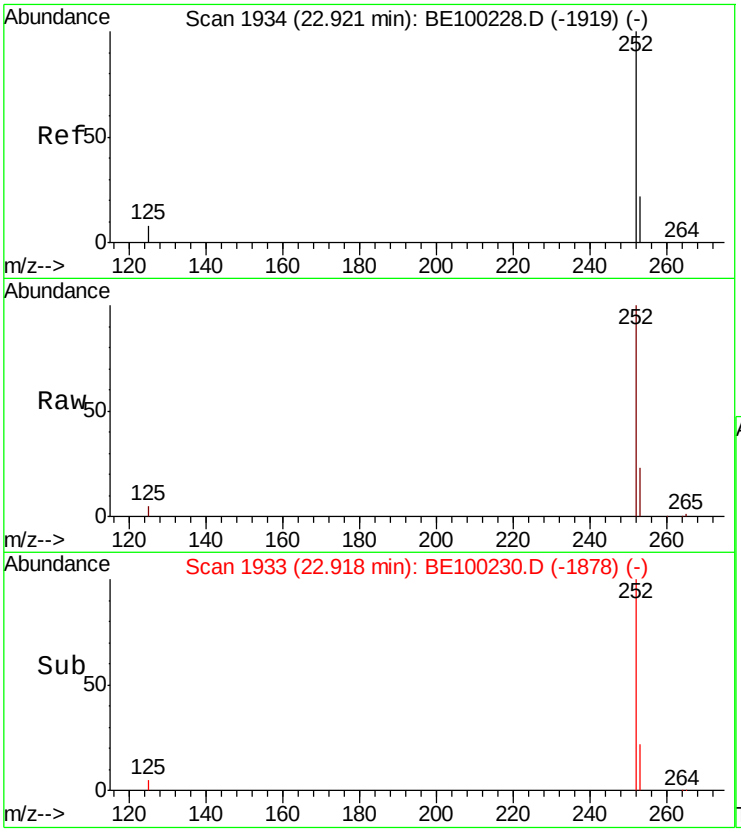


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:264 Resp: 9968

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.8	31.2
265	26.9	21.8	32.6



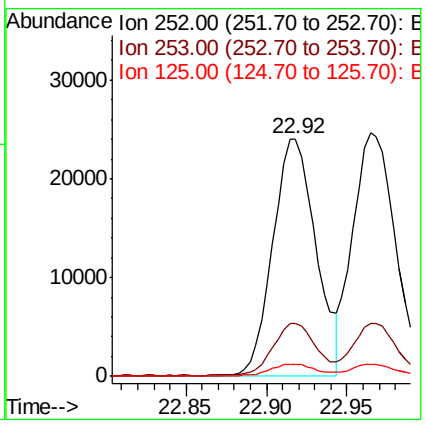


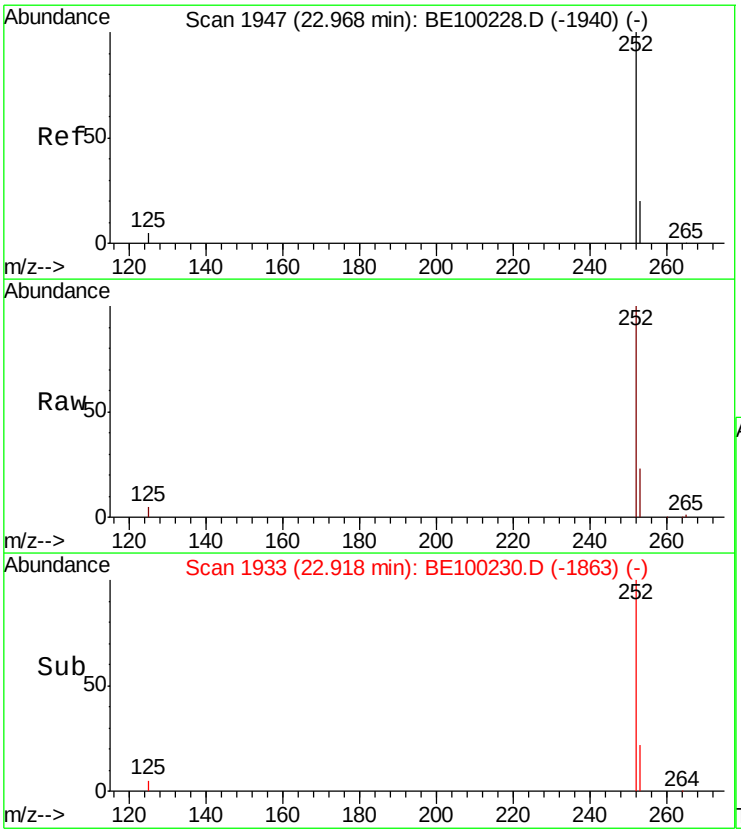
#35
Benzo(b)fluoranthene
Concen: 1.669 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 44758

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	5.2	7.4	11.0#

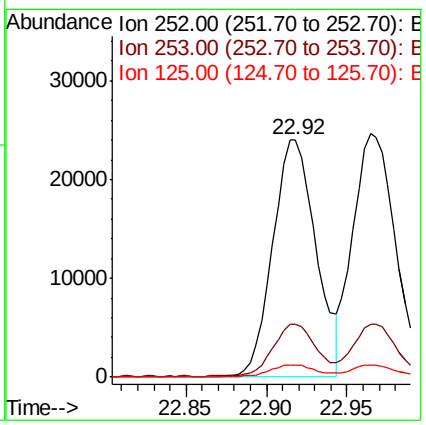


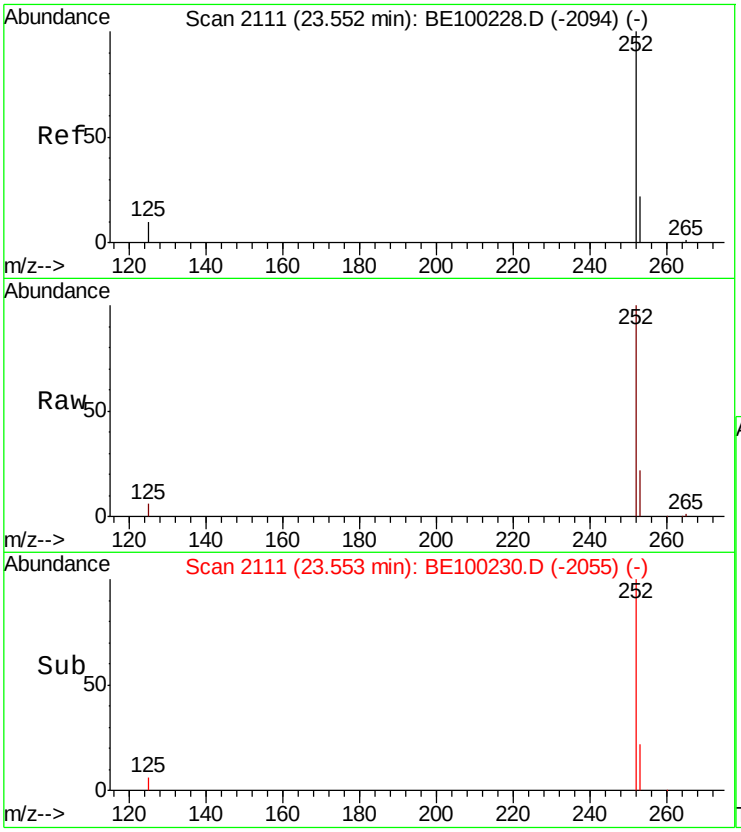


#36
Benzo(k)fluoranthene
Concen: 1.395 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.05 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:252 Resp: 44758

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	5.2	5.0	7.4



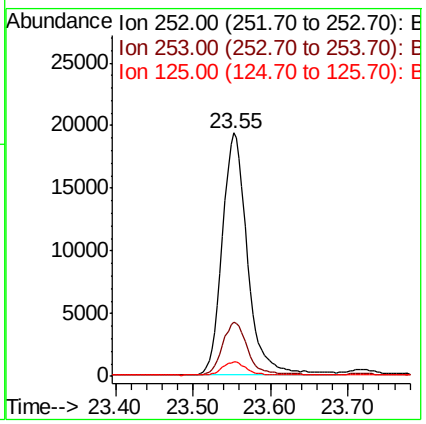


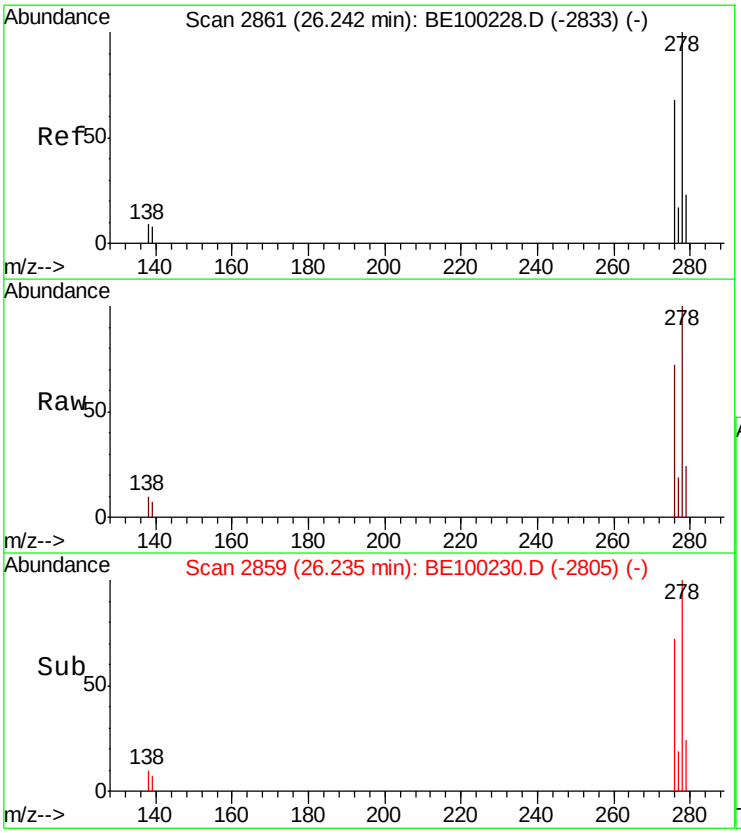
#37
Benzo(a)pyrene
Concen: 1.574 ng
RT: 23.55 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 43733

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.6	29.4
125	6.0	9.0	13.6#

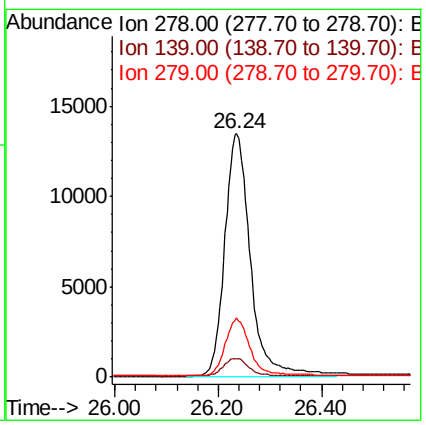


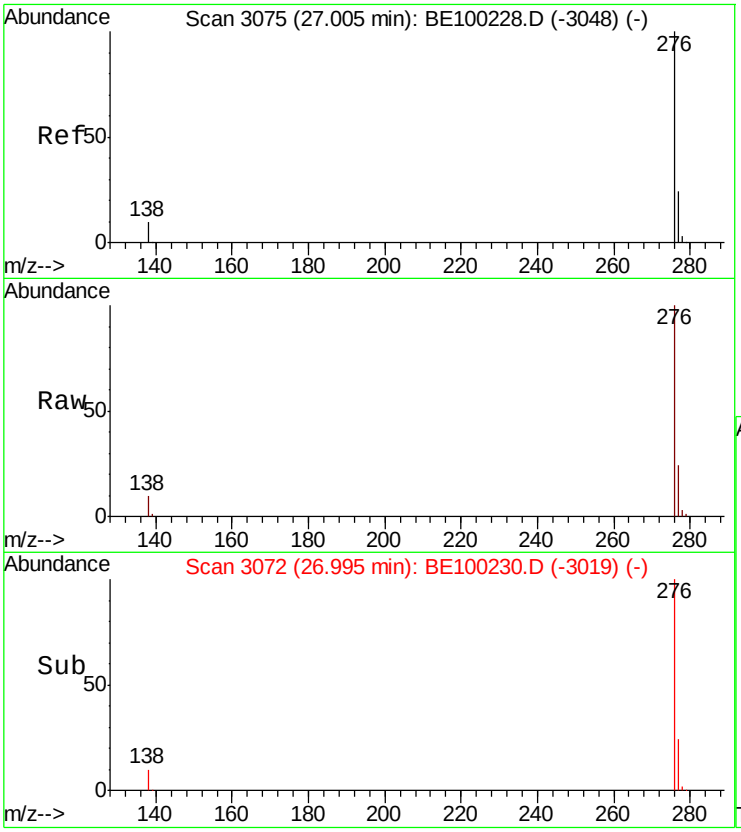


#38
Dibenzo(a,h)anthracene
Concen: 1.564 ng
RT: 26.24 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:278 Resp: 46473

Ion	Ratio	Lower	Upper
278	100		
139	7.5	8.2	12.2#
279	24.3	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 1.515 ng
RT: 27.00 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 47013

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.2	30.2
138	10.4	9.0	13.6